User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 11:41:15

Sample: AD27548
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 11:40 Ended: 12/18/01 11:40 Analyst: MG
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		see comment	
2	Surr_2,4-DDD			5.0

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Comments for Sample AD27548 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-18-2001 Time: 11:41:21

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D Vial: 7
Acq On : 13 Dec 2001 3:50 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:08 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.87	152	1016963	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.47	136	4124126	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.74	164	1788991	20.00	ng/uL	-0.08
49) Phenanthrene-d10	25.15	188	2786442	20.00	ng/uL	-0.09
59) Chrysene-d12	33.15	240	1981709	20.00	ng/uL	-0.10
68) Perylene-d12	37.23	264	1421462	20.00	ng/uL	-0.11
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount 75.000	Range 18 - 42		Recovery =	0.00%#		
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount 75.000	Range 19 - 32		Recovery =	0.00%#		
6) 2-Chlorophenol-d4	11.86	132	630	0.01	ng/uL	0.43
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.07	152	636	0.01	ng/uL	-0.39
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.90	172	1861	0.02	ng/uL	0.07
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.04%#		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount 75.000	Range 45 - 96		Recovery =	0.00%#		
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount 50.000	Range 58 - 98		Recovery =	0.00%#		
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitrosodimethylamine	0.00	74	0	N.D.		
8) Phenol	0.00	94	0	N.D.		
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
10) 2-Chlorophenol	0.00	128	0	N.D.		
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) 2-Methylphenol	0.00	108	0	N.D.		
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
16) 3&4-Methylphenol	0.00	108	0	N.D.		

(#) = qualifier out of range (m) = manual integration

NYC-WTC_000033476

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D Vial: 7
Acq On : 13 Dec 2001 3:50 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:08 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
17)	N-Nitrosodi-n-propylamine	0.00	70	0	N.D.	
18)	Hexachloroethane	0.00	117	0	N.D.	
21)	Nitrobenzene	0.00	77	0	N.D.	
22)	Isophorone	0.00	82	0	N.D.	
23)	2-Nitrophenol	0.00	139	0	N.D.	
24)	2,4-Dimethylphenol	0.00	107	0	N.D.	
25)	bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
26)	2,4-Dichlorophenol	0.00	162	0	N.D.	
27)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28)	Naphthalene	0.00	128	0	N.D.	
29)	Hexachlorobutadiene	0.00	225	0	N.D.	
30)	4-Chloro-3-methylphenol	0.00	107	0	N.D.	
34)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
35)	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
36)	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
37)	2-Chloronaphthalene	0.00	162	0	N.D.	
38)	Dimethylphthalate	0.00	163	0	N.D.	
39)	2,6-Dinitrotoluene	0.00	165	0	N.D.	d
40)	Acenaphthylene	0.00	152	0	N.D.	
41)	Acenaphthene	0.00	153	0	N.D.	
42)	2,4-Dinitrophenol	0.00	184	0	N.D.	
43)	4-Nitrophenol	0.00	65	0	N.D.	
44)	2,4-Dinitrotoluene	0.00	165	0	N.D.	
45)	Diethylphthalate	0.00	149	0	N.D.	
46)	4-Chlorophenylphenylether	0.00	204	0	N.D.	
47)	Fluorene	0.00	166	0	N.D.	
48)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
50)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
51)	N-Nitrosodiphenylamine	0.00	169	0	N.D.	
52)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
53)	Hexachlorobenzene	0.00	284	0	N.D.	
54)	Pentachlorophenol	0.00	266	0	N.D.	
55)	Phenanthrene	0.00	178	0	N.D.	
56)	Anthracene	0.00	178	0	N.D.	
57)	Di-n-butylphthalate	27.13	149	7166	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	

(#) = qualifier out of range (m) = manual integration

NYC-WTC_000033477

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D Vial: 7
Acq On : 13 Dec 2001 3:50 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:08 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.15	228	4346	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.41	149	282	N.D.	
67)	Chrysene	33.15	228	4346	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.23	252	5007	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

NYC-WTC_000033478

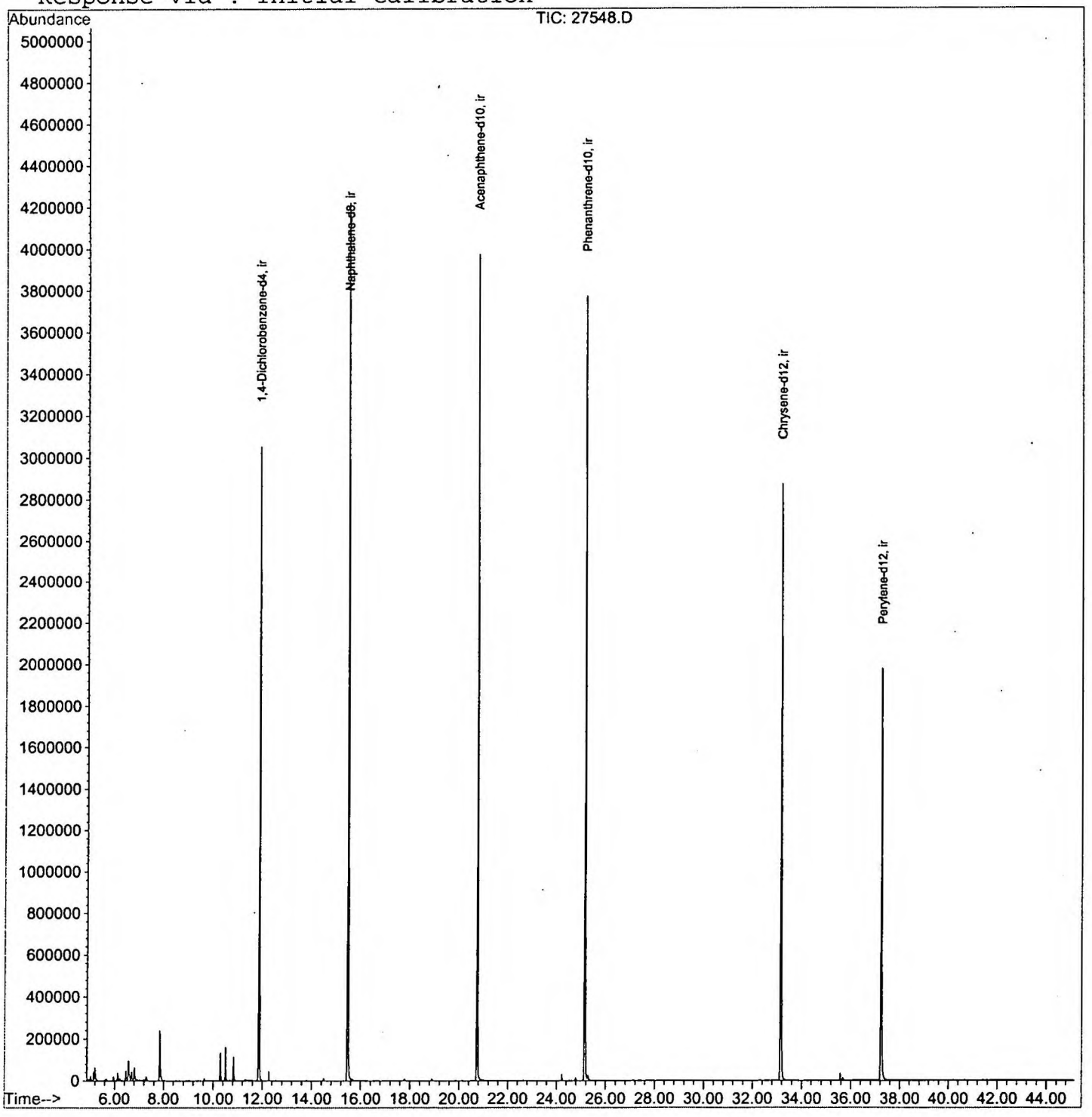
NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D
Acq On : 13 Dec 2001 3:50 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:08 2001

Vial: 7
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Fri Dec 14 09:15:17 2001
Response via : Initial Calibration



NYC-WTC_000033479

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D Vial: 7
Acq On : 13 Dec 2001 3:50 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.200	36	39	52	rVB	63075	144058	1.74%	0.325%
2	6.117	135	139	146	rBV	37439	87161	1.05%	0.197%
3	6.456	172	176	184	rBV	48316	104651	1.26%	0.236%
4	6.566	184	188	198	rVV2	95286	237471	2.87%	0.536%
5	6.694	198	202	211	rVB	43004	90305	1.09%	0.204%
6	6.804	211	214	226	rBV	62197	145597	1.76%	0.329%
7	7.832	322	326	343	rBV	239825	539533	6.51%	1.219%
8	10.298	590	595	603	rBV	135242	264909	3.20%	0.598%
9	10.500	612	617	628	rBV	163186	301143	3.63%	0.680%
10	10.830	648	653	660	rBV	114355	210324	2.54%	0.475%
11	11.866	760	766	783	rVB	3053520	6332111	76.42%	14.304%
12	15.470	1153	1159	1177	rBV	4220520	8286230	100.00%	18.718%
13	20.743	1728	1734	1752	rBV	3974180	8040105	97.03%	18.162%
14	25.154	2208	2215	2226	rBV2	3774765	7795553	94.08%	17.610%
15	33.150	3080	3087	3107	rBV2	2871061	6359923	76.75%	14.367%
16	37.231	3524	3532	3552	rBV	1976110	5329591	64.32%	12.039%

Sum of corrected areas: 44268665

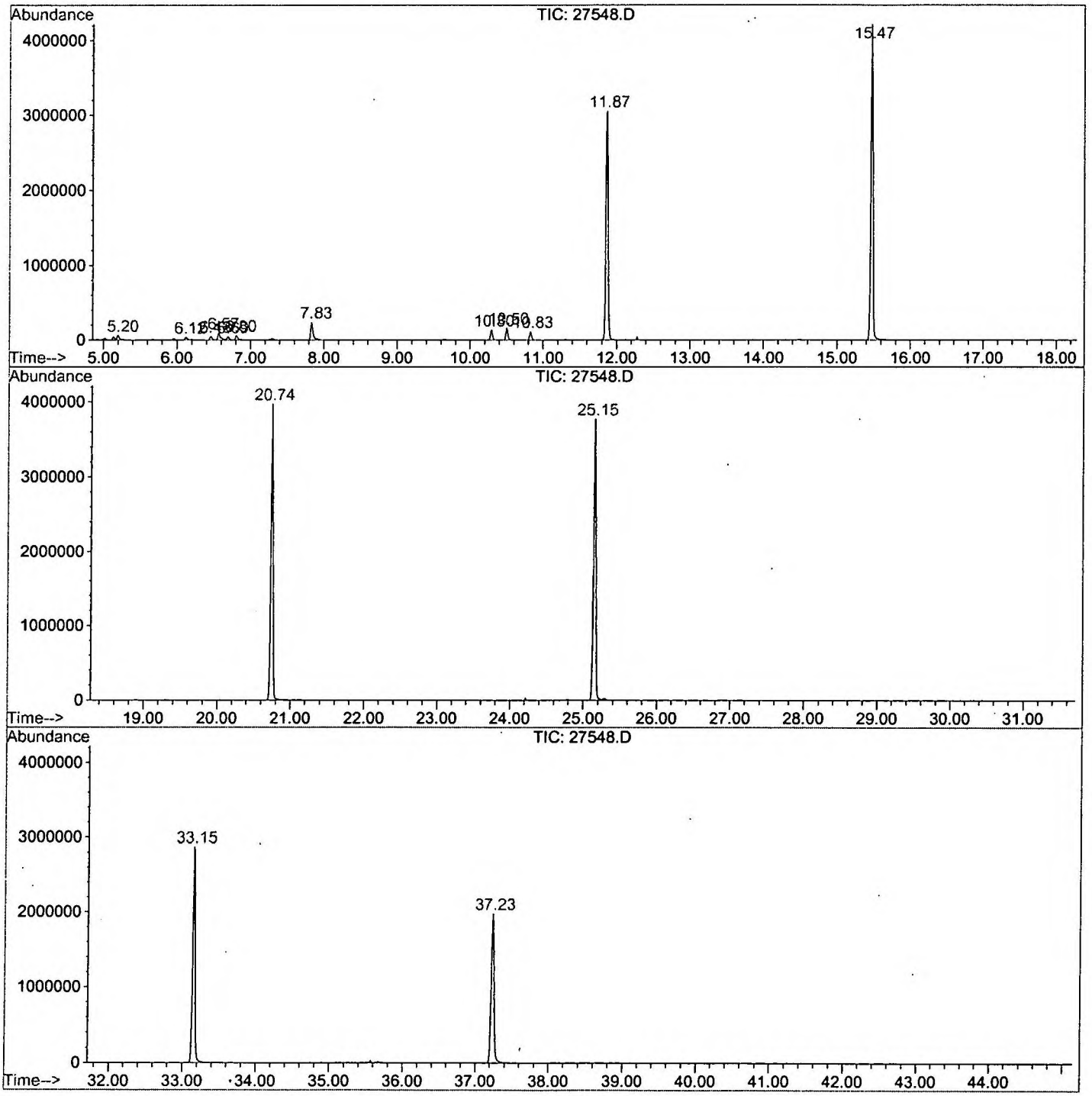
27548.D NP112701.M Fri Dec 14 12:55:57 2001

NYC-WTC_000033480

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\27548.D
Operator : GALOS
Acquired : 13 Dec 2001 3:50 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/15
Misc Info :
Vial Number: 7
Quant File :NP112701.RES (RTE Integrator)



27548.D NP112701.M Fri Dec 14 12:55:59 2001

NYC-WTC_000033481

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D
Acq On : 13 Dec 2001 3:50 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

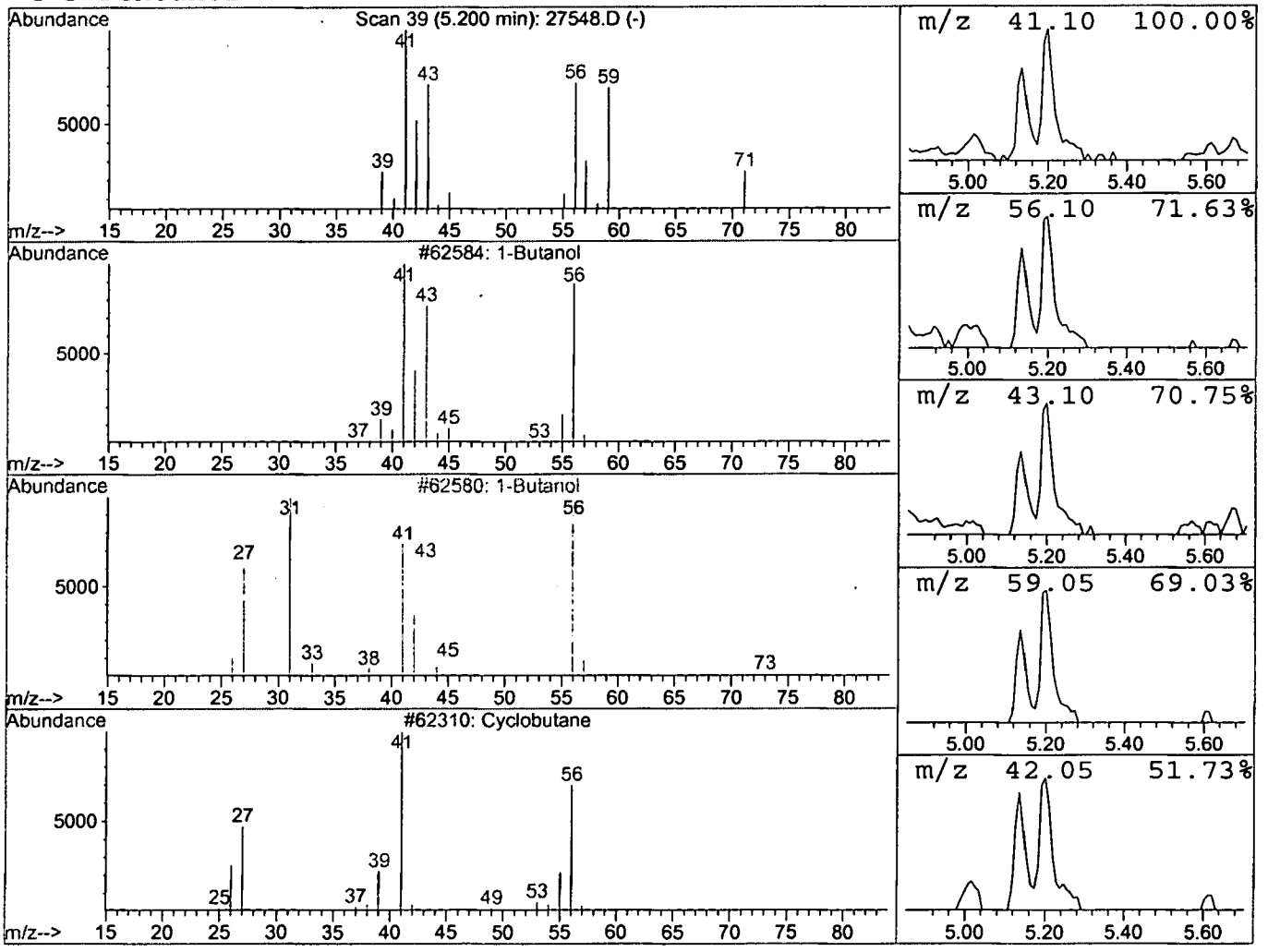
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Butanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	0.46 ng/uL	144058	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	37
2	1-Butanol	74	C4H10O	000071-36-3	17
3	Cyclobutane	56	C4H8	000287-23-0	9
4	3-Pentanol	88	C5H12O	000584-02-1	9



NYC-WTC_000033482

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D
Acq On : 13 Dec 2001 3:50 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

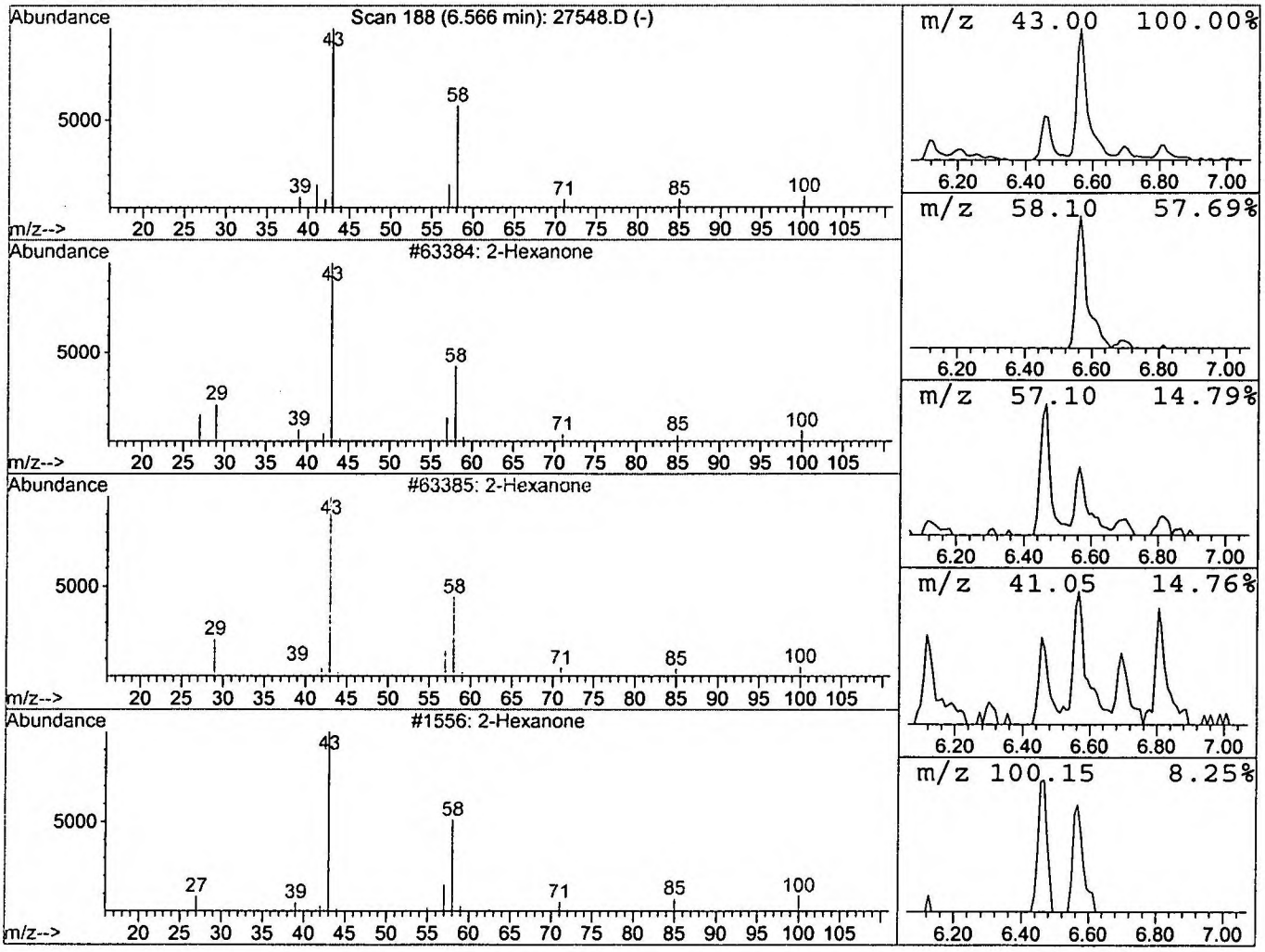
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	0.75 ng/uL	237471	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone	100	C6H12O	000591-78-6	91
3	2-Hexanone	100	C6H12O	000591-78-6	90
4	2-Hexanone	100	C6H12O	000591-78-6	90



NYC-WTC_000033483

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D Vial: 7
Acq On : 13 Dec 2001 3:50 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

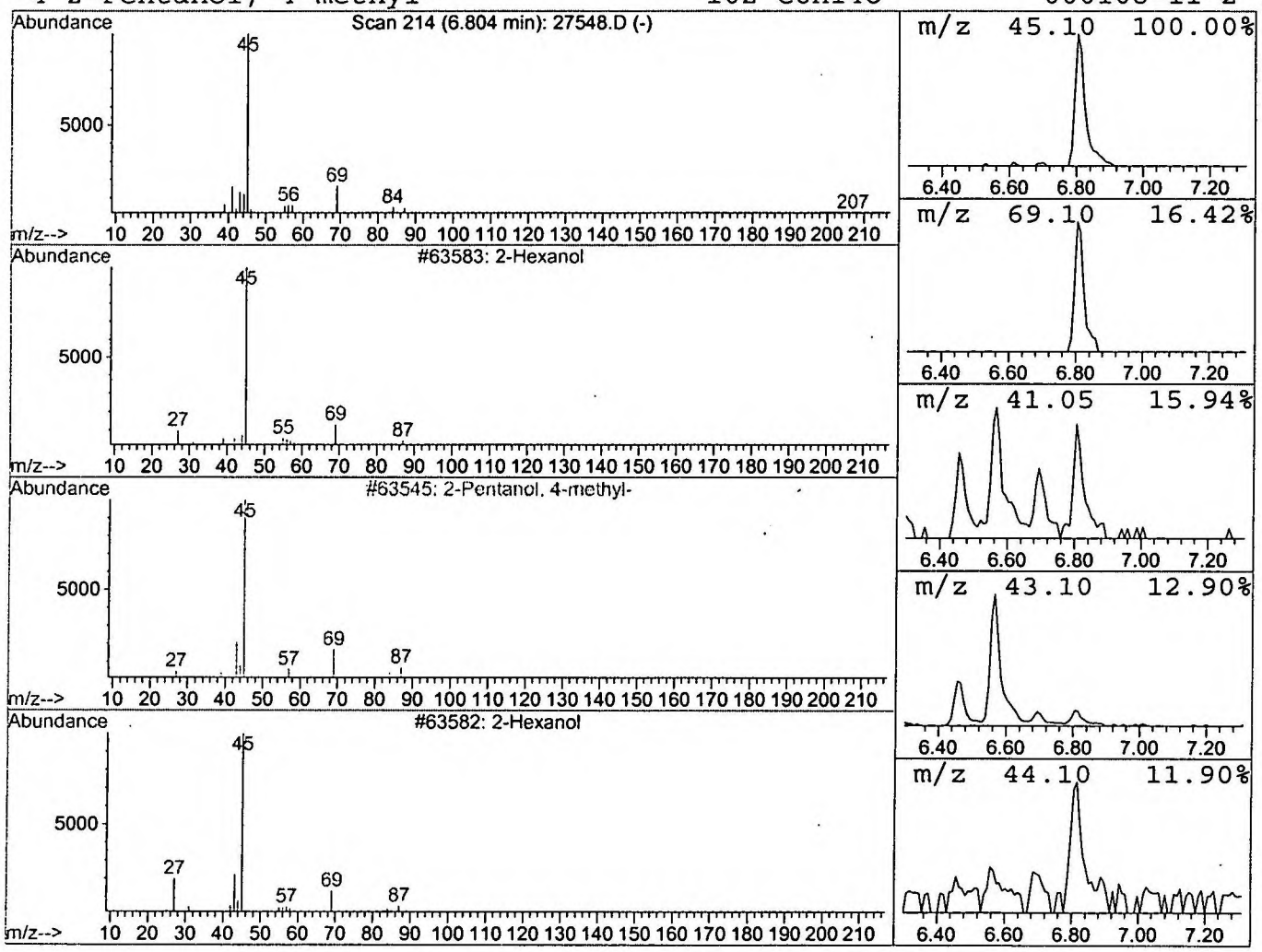
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	0.46 ng/uL	145597	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	78
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
3	2-Hexanol	102	C6H14O	000626-93-7	74
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74



NYC-WTC_000033484

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D
Acq On : 13 Dec 2001 3:50 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

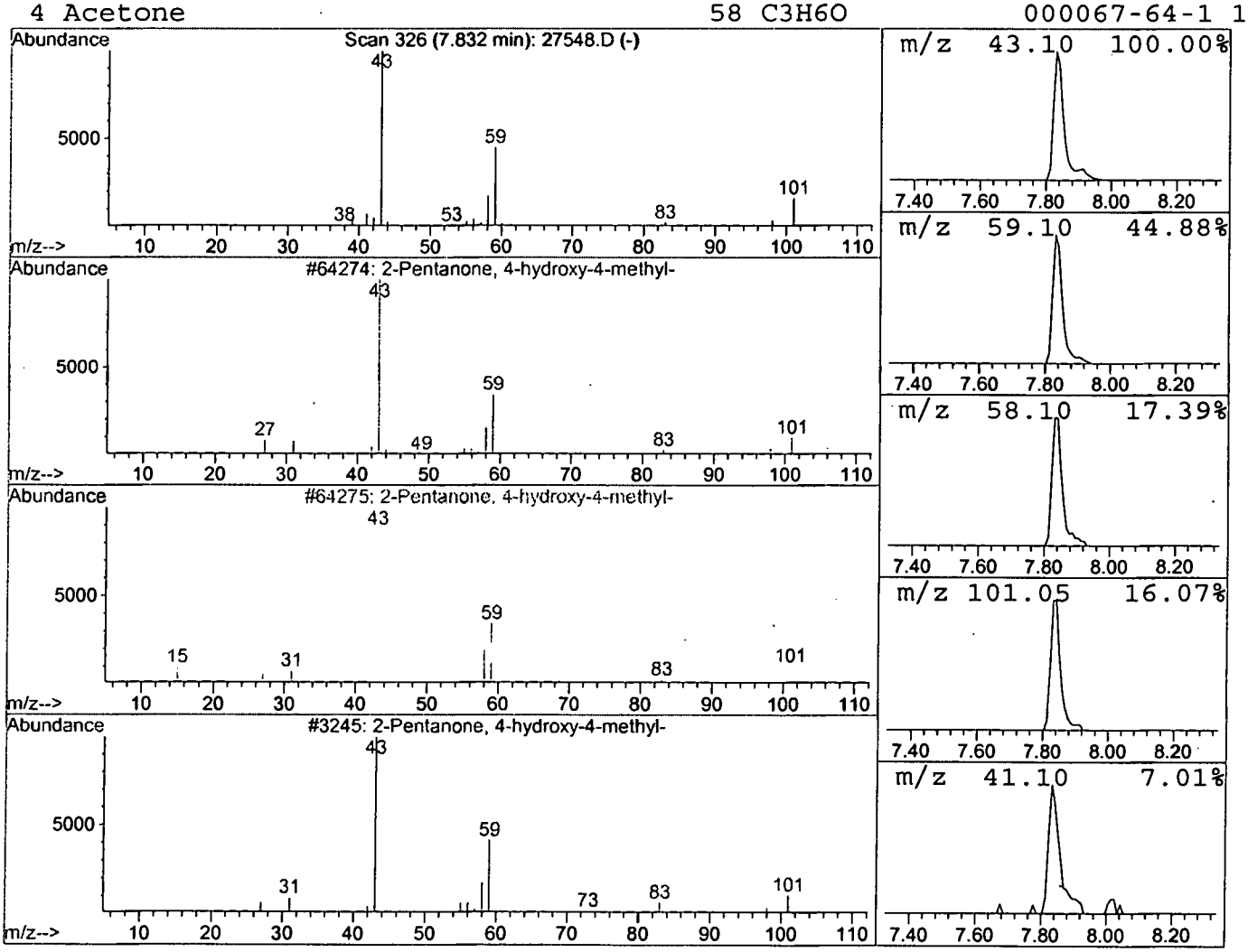
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	1.70 ng/uL	539533	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
4	Acetone	58	C3H6O	000067-64-1	12



NYC-WTC_000033485

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D
Acq On : 13 Dec 2001 3:50 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

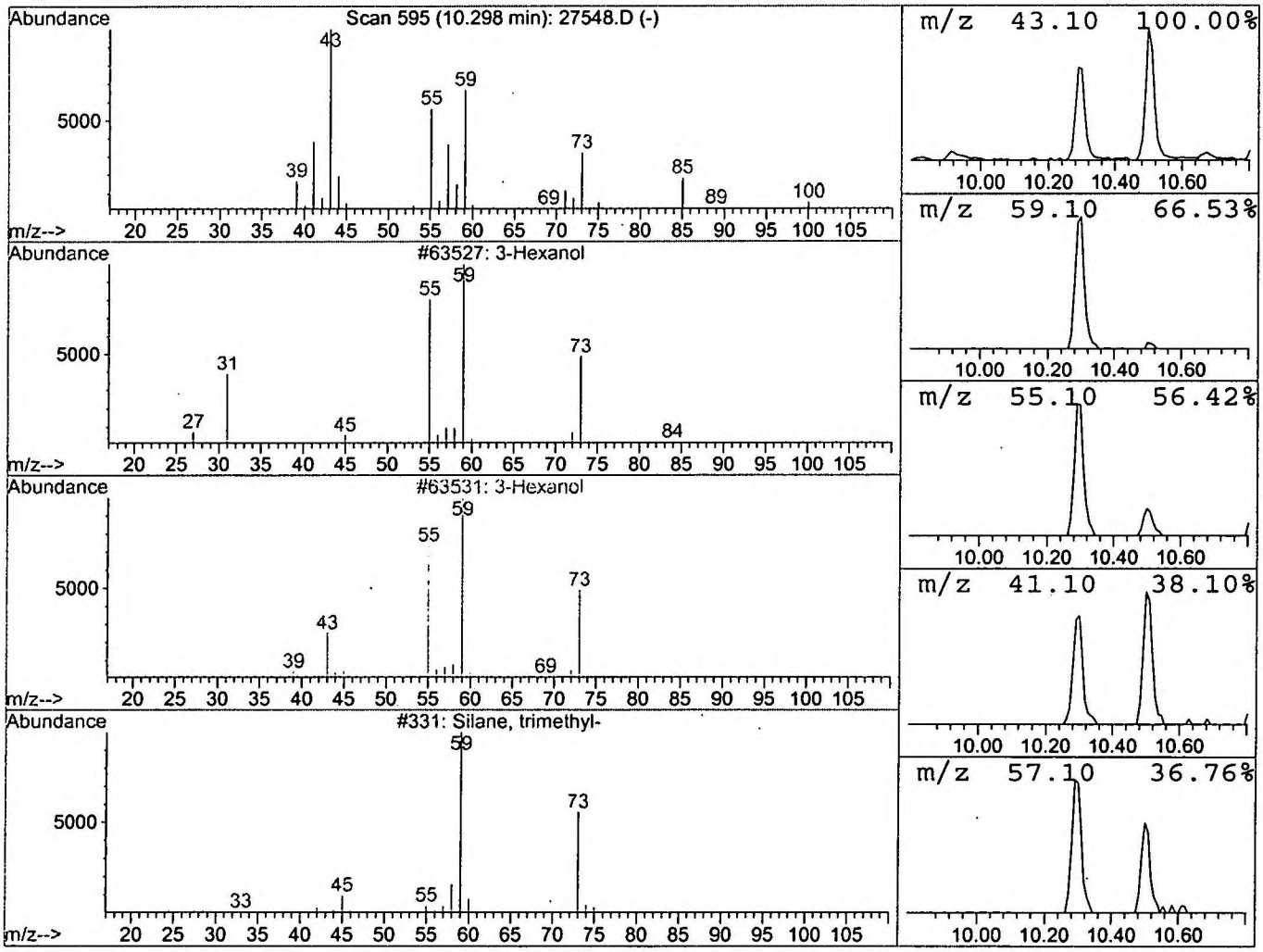
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 3-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	0.84 ng/uL	264909	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	50
2	3-Hexanol	102	C6H14O	000623-37-0	47
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	43
4	3-Hexanol	102	C6H14O	000623-37-0	40



NYC-WTC_000033486

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D Vial: 7
Acq On : 13 Dec 2001 3:50 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

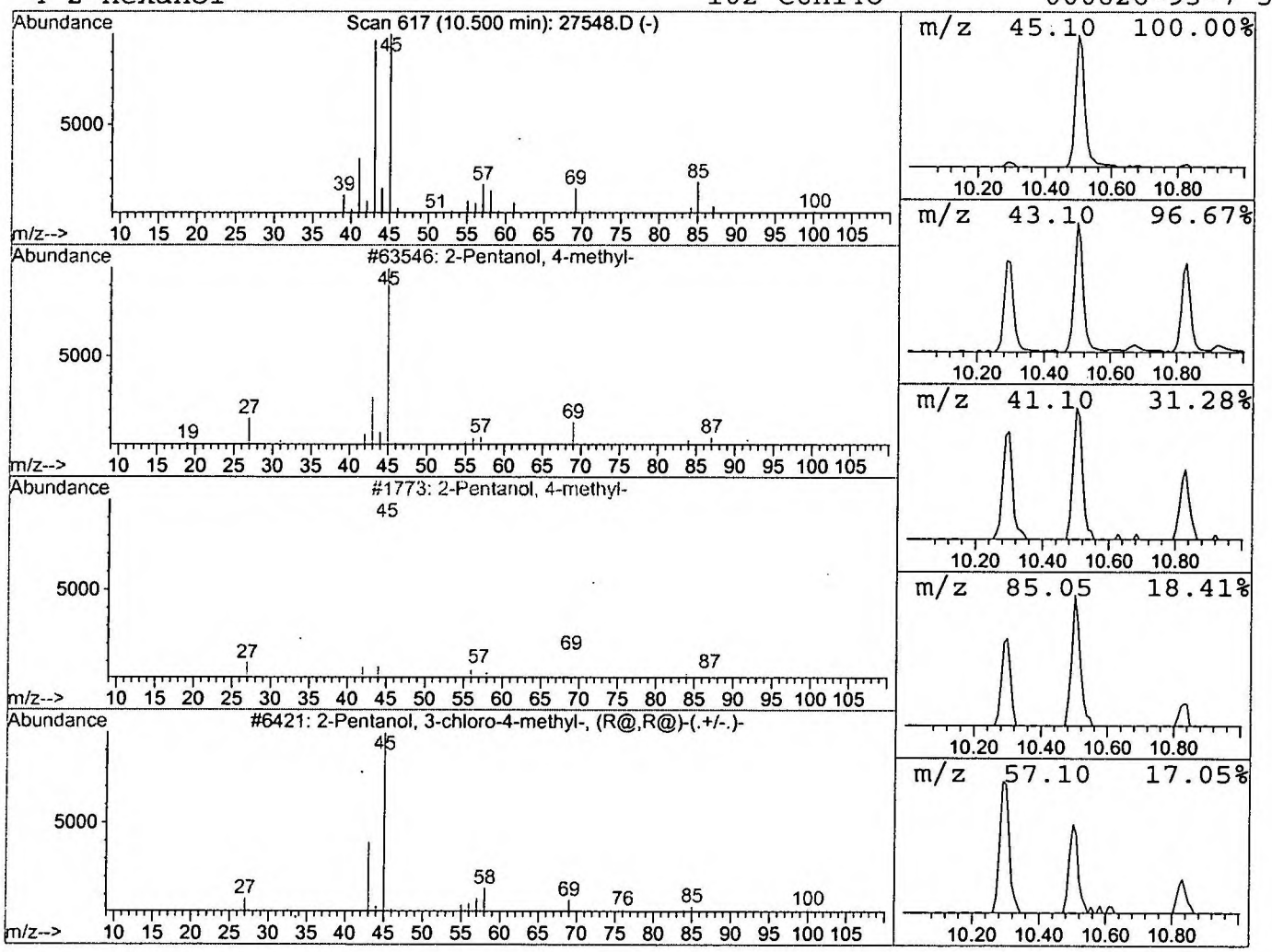
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 2-Pentanol, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	0.95 ng/uL	301143	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	59
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	56
3	2-Pentanol, 3-chloro-4-methyl-, (R@	136	C6H13ClO	074685-47-5	50
4	2-Hexanol	102	C6H14O	000626-93-7	50



NYC-WTC_000033487

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27548.D Vial: 7
Acq On : 13 Dec 2001 3:50 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

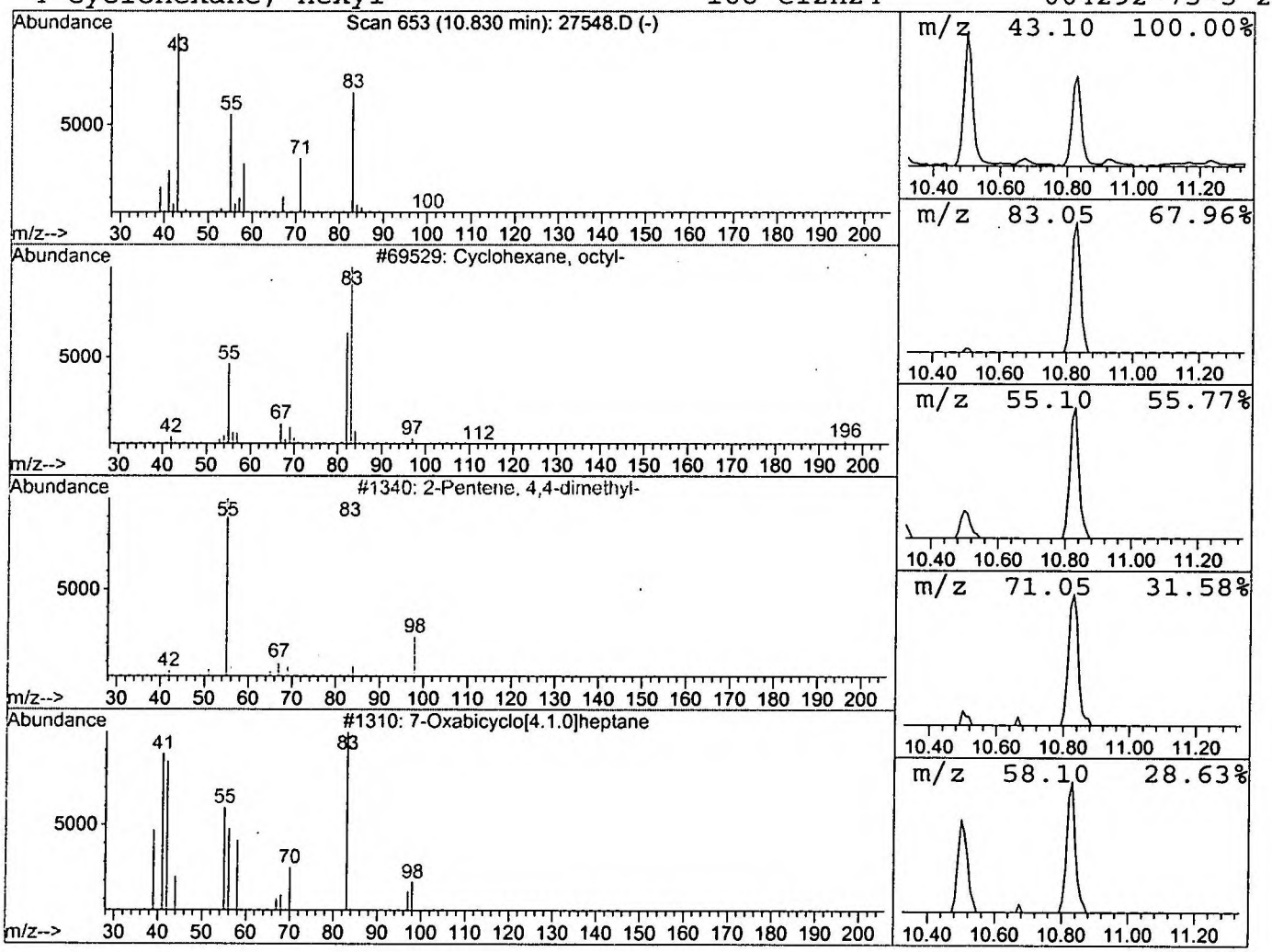
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Cyclohexane, octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	0.66 ng/uL	210324	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	38
2	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	35
3	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	28
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	25



NYC-WTC_000033488

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 13 Dec 2001 3:50 pm
Data File: C:\HPCHEM\1\DATA\DEC1301\27548.D
Name: gcms unknown 11/15
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
1-Butanol	5.20	0.5	ng/uL	144058	ISTD01	11.87	6332110	20.0
2-Hexanone	6.57	0.8	ng/uL	237471	ISTD01	11.87	6332110	20.0
2-Hexanol	6.80	0.5	ng/uL	145597	ISTD01	11.87	6332110	20.0
2-Pentanone, 4-hydro	7.83	1.7	ng/uL	539533	ISTD01	11.87	6332110	20.0
3-Hexanol	10.30	0.8	ng/uL	264909	ISTD01	11.87	6332110	20.0
2-Pentanol, 4-methyl	10.50	1.0	ng/uL	301143	ISTD01	11.87	6332110	20.0
Cyclohexane, octyl-	10.83	0.7	ng/uL	210324	ISTD01	11.87	6332110	20.0

27548.D NP112701.M Fri Dec 14 12:56:15 2001