User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 17:07:35

Sample: AE02602
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/7/02 17:07 Ended: 3/7/02 17:07 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2					

Comments for Sample AE02602 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-07-2002 Time: 17:07:40

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were below their acceptance ranges.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\2602.D Vial: 12
Acq On : 1 Mar 2002 7:11 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:29 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.31	152	279185	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	1090302	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	584089	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.71	188	837568	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	560267	20.00	ug/l	-0.06
44) Perylene-d12	38.05	264	375528	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	59581	6.81	ug/mL	0.29
Spiked Amount 5.000			Recovery =	136.20%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	16.02	128	100	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.75	149	356	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

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NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\2602.D Vial: 12
Acq On : 1 Mar 2002 7:11 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:29 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.69	149	10311	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.78	228	1218	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	2322	N.D.	
43)	Chrysene	33.78	228	1218	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	38.04	252	1304	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

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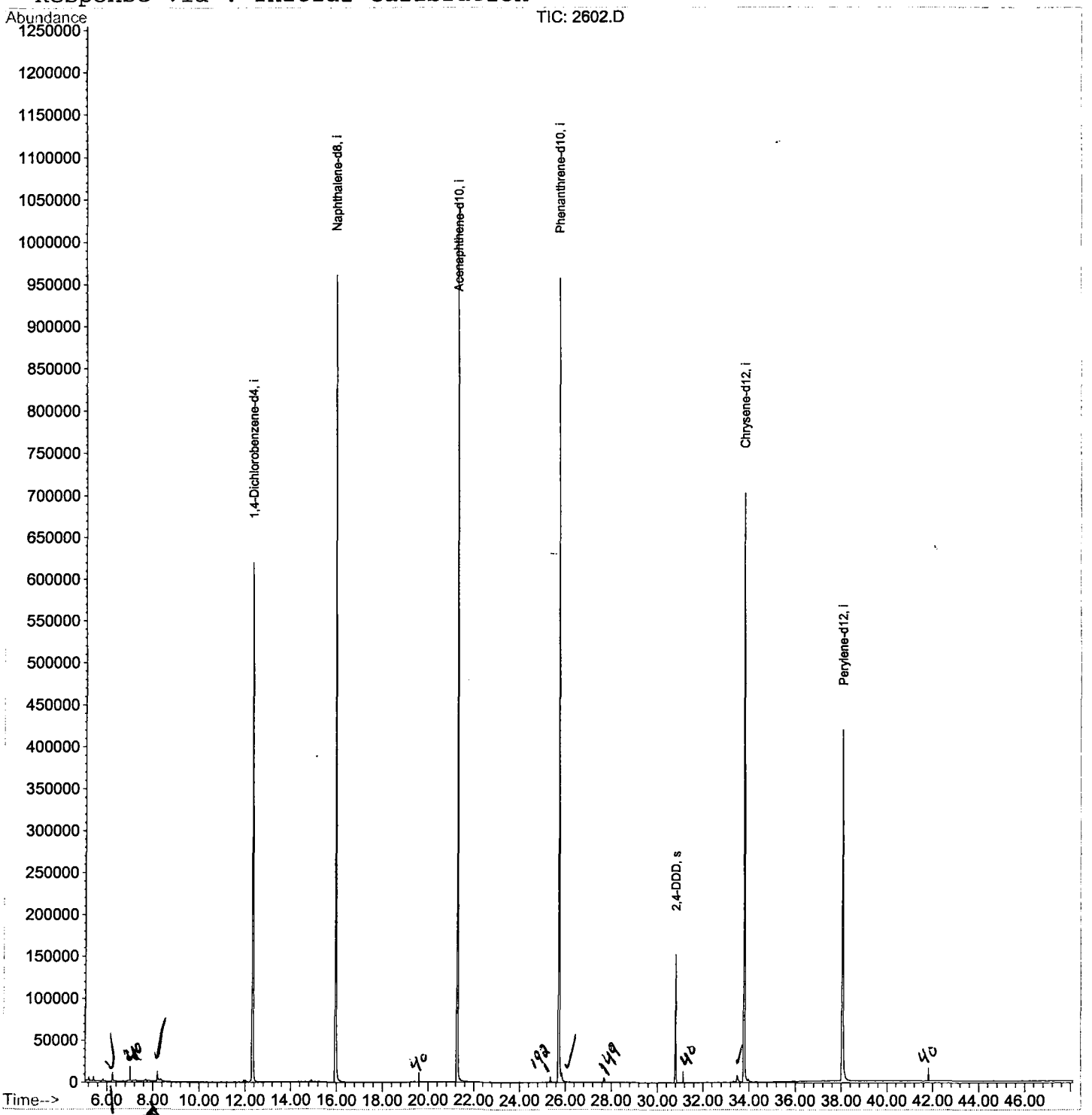
NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2602.D Vial: 12
Acq On : 1 Mar 2002 7:11 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:29 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



NYC-WTC_000005326

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2602.D Vial: 12
Acq On : 1 Mar 2002 7:11 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/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	8.198	340	344	351	rBV	11645	28203	1.23%	0.244%
2	12.311	787	792	807	rVB	618731	1571702	68.46%	13.575%
3	15.955	1183	1189	1207	rBV	960535	2116739	92.20%	18.283%
4	21.271	1761	1768	1780	rBV	1045168	2295828	100.00%	19.829%
5	25.714	2245	2252	2264	rBV2	957766	2191295	95.45%	18.927%
6	25.852	2264	2267	2274	rVB	9698	24816	1.08%	0.214%
7	30.791	2800	2805	2812	rBV	152287	306613	13.36%	2.648%
8	33.490	3090	3099	3111	rBV3	8132	33743	1.47%	0.291%
9	33.783	3124	3131	3150	rBV2	702079	1690167	73.62%	14.598%
10	38.052	3587	3596	3616	rBV	418397	1318799	57.44%	11.391%

Sum of corrected areas: 11577905

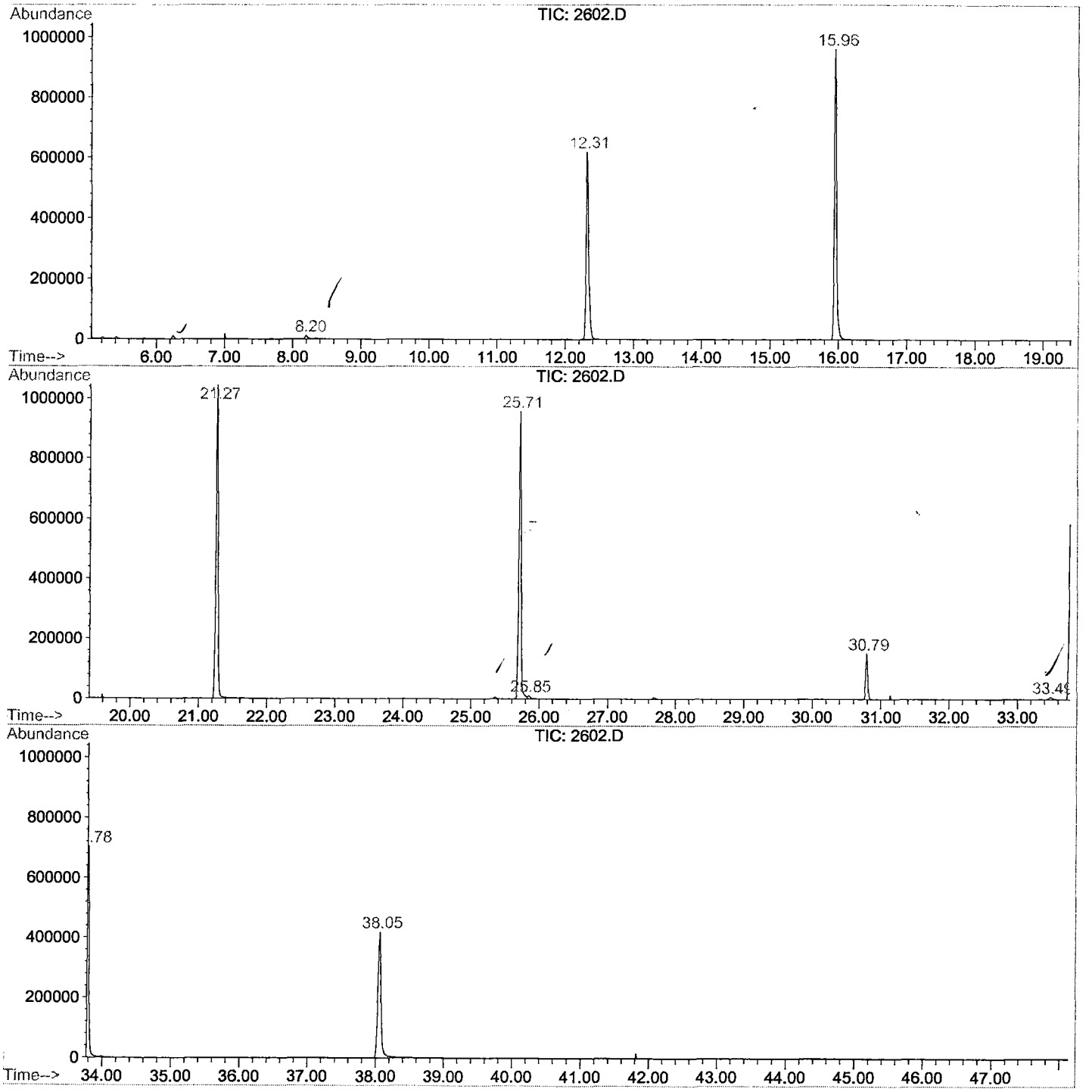
2602.D GCMS0208.M Mon Mar 04 11:46:05 2002

NYC-WTC_000005327

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\2602.D
Operator :
Acquired : 1 Mar 2002 7:11 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/5
Misc Info :
Vial Number: 12
Quant File :GCMS0208.RES (RTE Integrator)



2602.D GCMS0208.M Mon Mar 04 11:46:11 2002

NYC-WTC_000005328

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2602.D Vial: 12
Acq On : 1 Mar 2002 7:11 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

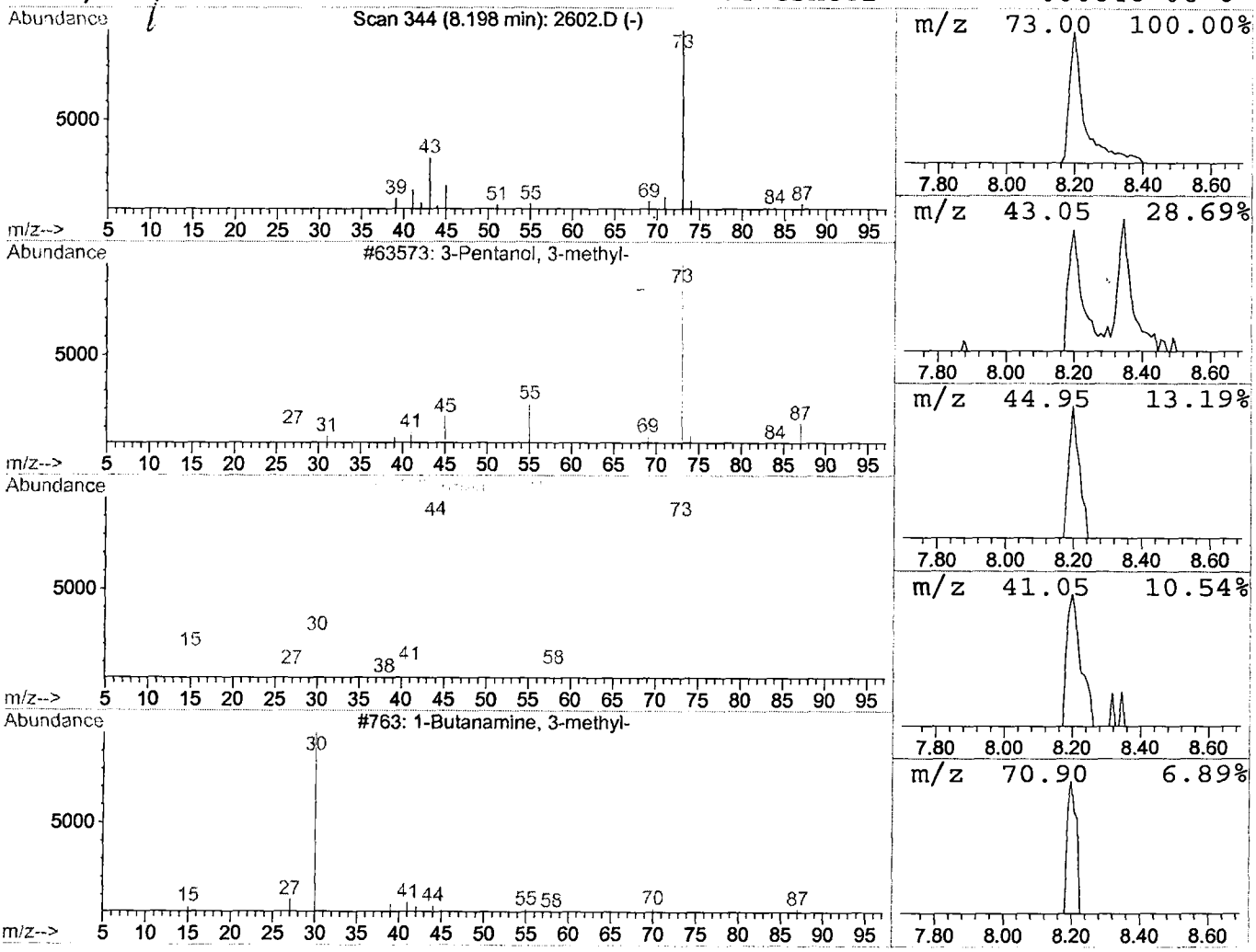
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.36 ug/l	28203	1,4-Dichlorobenzene-d4	12.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4	1,3-Dioxolane	74	C3H6O2	000646-06-0	4



NYC-WTC_000005329

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2602.D Vial: 12
Acq On : 1 Mar 2002 7:11 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

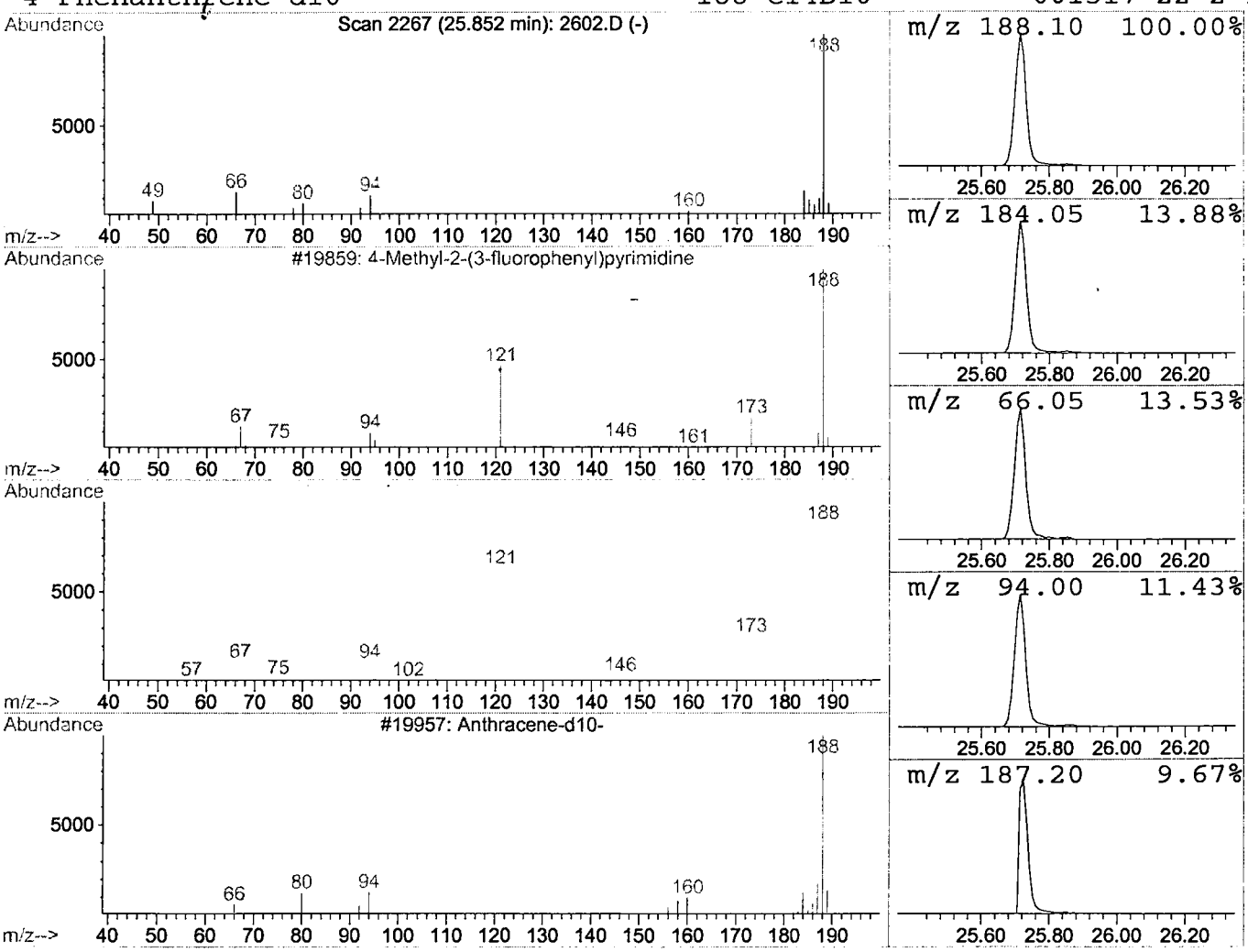
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 4-Methyl-2-(3-fluorophenyl)pyr Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.23 ug/l	24816	Phenanthrene-d10	25.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2-(3-fluorophenyl)pyrimidi	188	C11H9FN2	076128-66-0	45
2	4-Methyl-2-(4-fluorophenyl)pyrimidi	188	C11H9FN2	076128-67-1	45
3	Anthracene-d10-	188	C14D10	001719-06-8	38
4	Phenanthrene-d10	188	C14D10	001517-22-2	9



NYC-WTC_000005330

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2602.D Vial: 12
Acq On : 1 Mar 2002 7:11 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

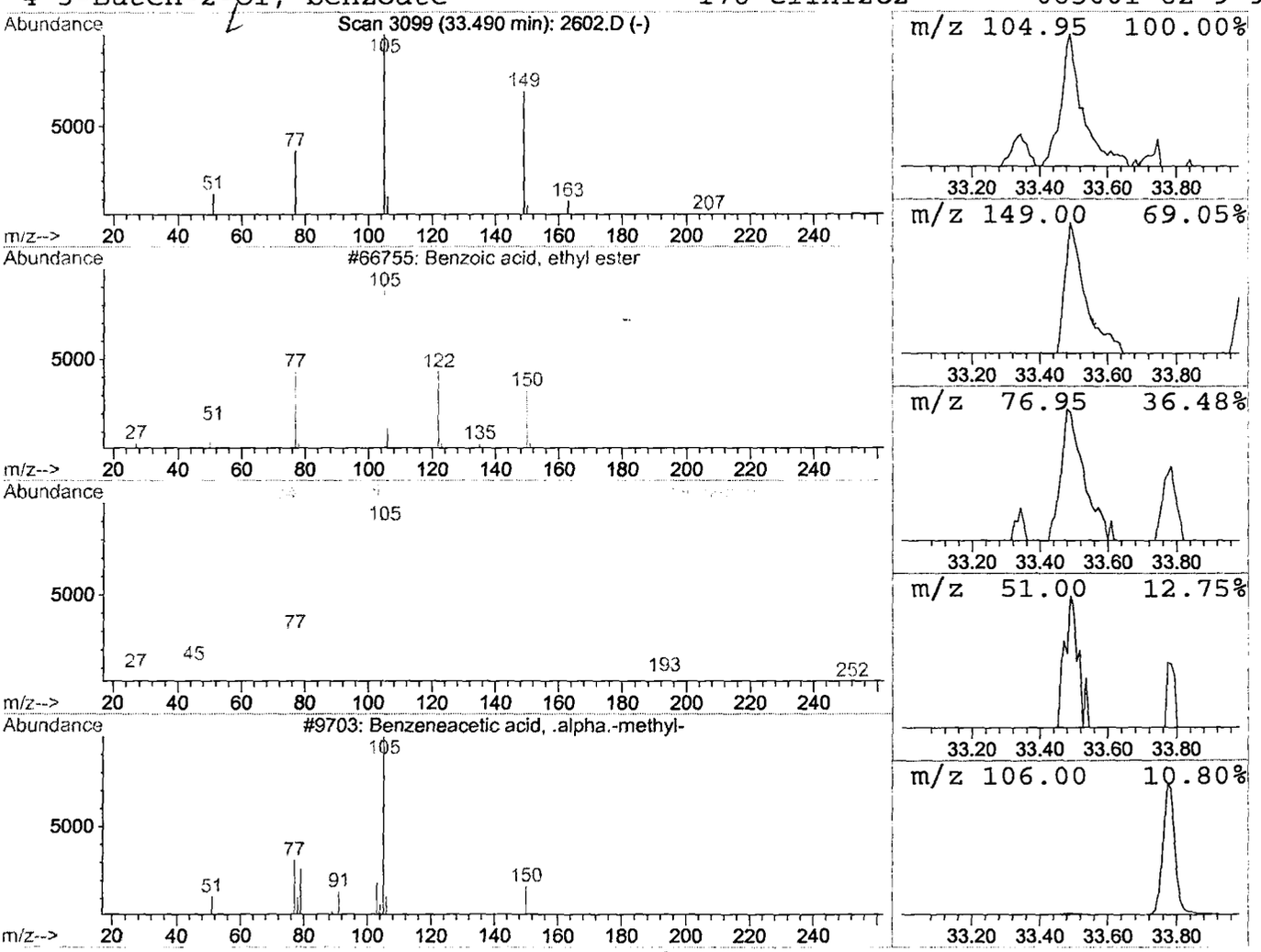
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Benzoic acid, ethyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.49	0.40 ug/l	33743	Chrysene-d12	33.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, ethyl ester	150	C9H10O2	000093-89-0	9
2	Propionic acid, 2-mercapto-, isopro	252	C13H16O3S	019788-52-4	9
3	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	9
4	3-Buten-2-ol, benzoate	176	C11H12O2	065001-62-9	9



NYC-WTC_000005331

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Mar 2002 7:11 pm
Data File: C:\HPCHEM\1\DATA\MAR0102\2602.D
Name: gc/ms scan 2/5
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Pentanol, 3-methyl	8.20	0.4	ug/l	28203	ISTD01	12.31	1571700	20.0
4-Methyl-2-(3-fluoro	25.85	0.2	ug/l	24816	ISTD04	25.71	2191300	20.0
Benzoic acid, ethyl	33.49	0.4	ug/l	33743	ISTD05	33.78	1690170	20.0

2602.D GCMS0208.M Mon Mar 04 11:46:29 2002