User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:12:38

Sample: AE12163
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 11:12 Ended: 6/3/02 11:12 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		10.0

Comments for Sample AE12163 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 11:13:04

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\12163.D Vial: 6
Acq On : 29 May 2002 4:15 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:19 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	607259	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2444537	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1157202	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.42	188	1763134	40.00	ug/l	-0.11
38) Chrysene-d12	33.47	240	997121	40.00	ug/l	-0.13
44) Perylene-d12	37.65	264	607928	40.00	ug/l	-0.15
System Monitoring Compounds						
28) TCMX	23.14	209	231756	29.01	ug/L	-0.10
Spiked Amount 40.000			Recovery = 72.53%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.39	74	199	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.08	146	438	N.D.		
5) 1,4-Dichlorobenzene	12.08	146	438	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-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.36	77	177	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	15.75	128	830	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.26	165	290	N.D.		
25) Diethylphthalate	22.49	149	1097	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1694	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	595	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.49	178	1760	N.D.		

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

NYC-WTC_000013797

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\12163.D Vial: 6
Acq On : 29 May 2002 4:15 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:19 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.49	178	1760	N.D.	
36)	Di-n-butylphthalate	27.41	149	41032	0.71 ug/l	97
37)	Fluoranthene	29.12	202	496	N.D.	
39)	Pyrene	29.80	202	416	N.D.	
40)	Butylbenzylphthalate	31.92	149	481	N.D.	
41)	Benzo(a)anthracene	33.47	228	4096	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.70	149	2582	N.D.	
43)	Chrysene	33.55	228	1910	N.D.	
45)	Di-n-Octylphthalate	35.45	149	1281	N.D.	
46)	Benzo(b)fluoranthene	36.50	252	2713	N.D.	
47)	Benzo(k)fluoranthene	36.59	252	2936	N.D.	
48)	Benzo(a)pyrene	37.46	252	1568	N.D.	
49)	Indeno(1,2,3-cd)pyrene	41.65	276	400	N.D.	
50)	Dibenz(a,h)anthracene	41.71	278	188	N.D.	
51)	Benzo(g,h,i)perylene	42.82	276	785	N.D.	

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

NYC-WTC_000013798

NYC 9/11 Public Portal Document

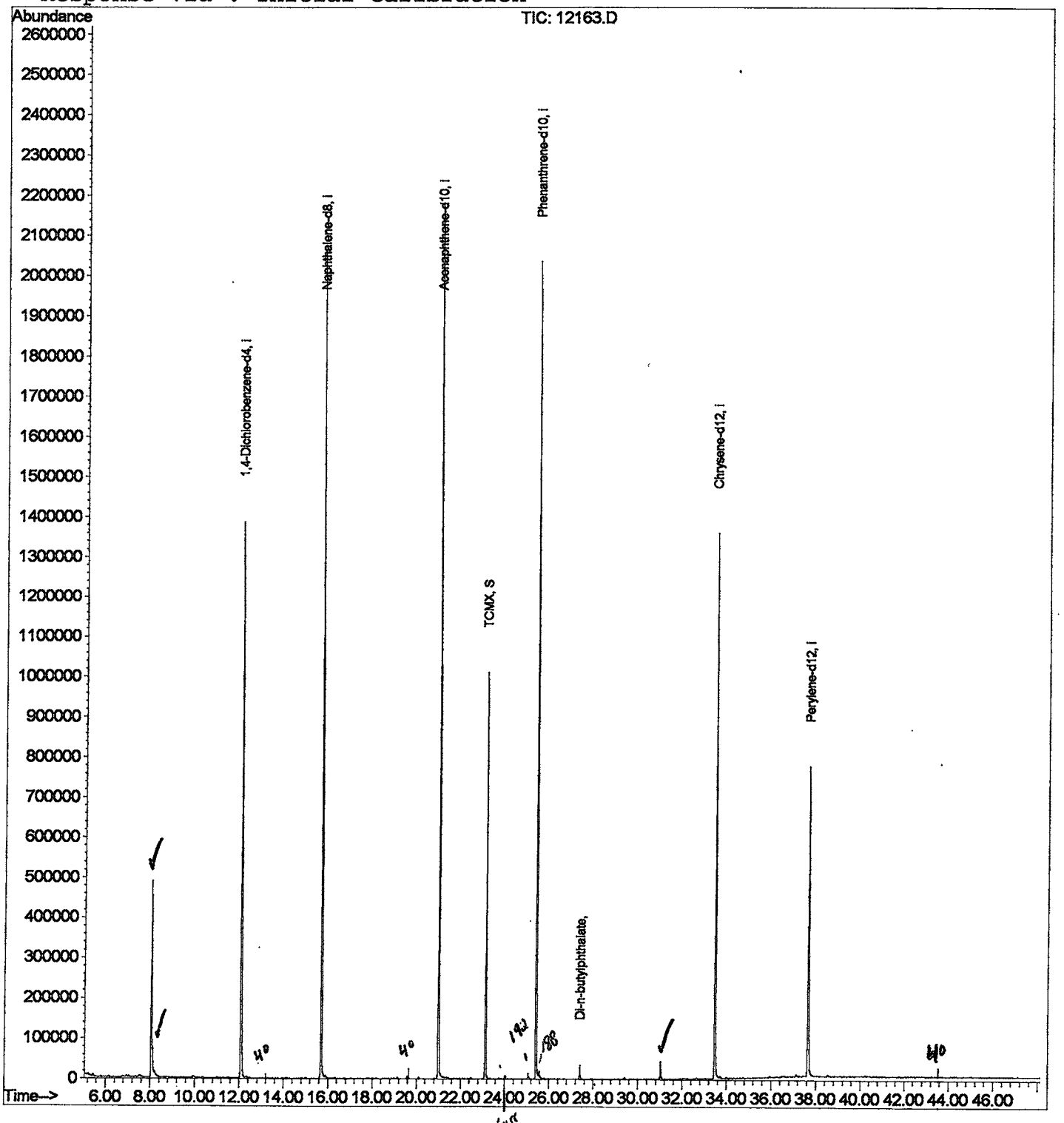
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12163.D
Acq On : 29 May 2002 4:15 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 8:19 2002

Vial: 6
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0528.RES

Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration



NYC-WTC_000013799

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12163.D Vial: 6
Acq On : 29 May 2002 4:15 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0528.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

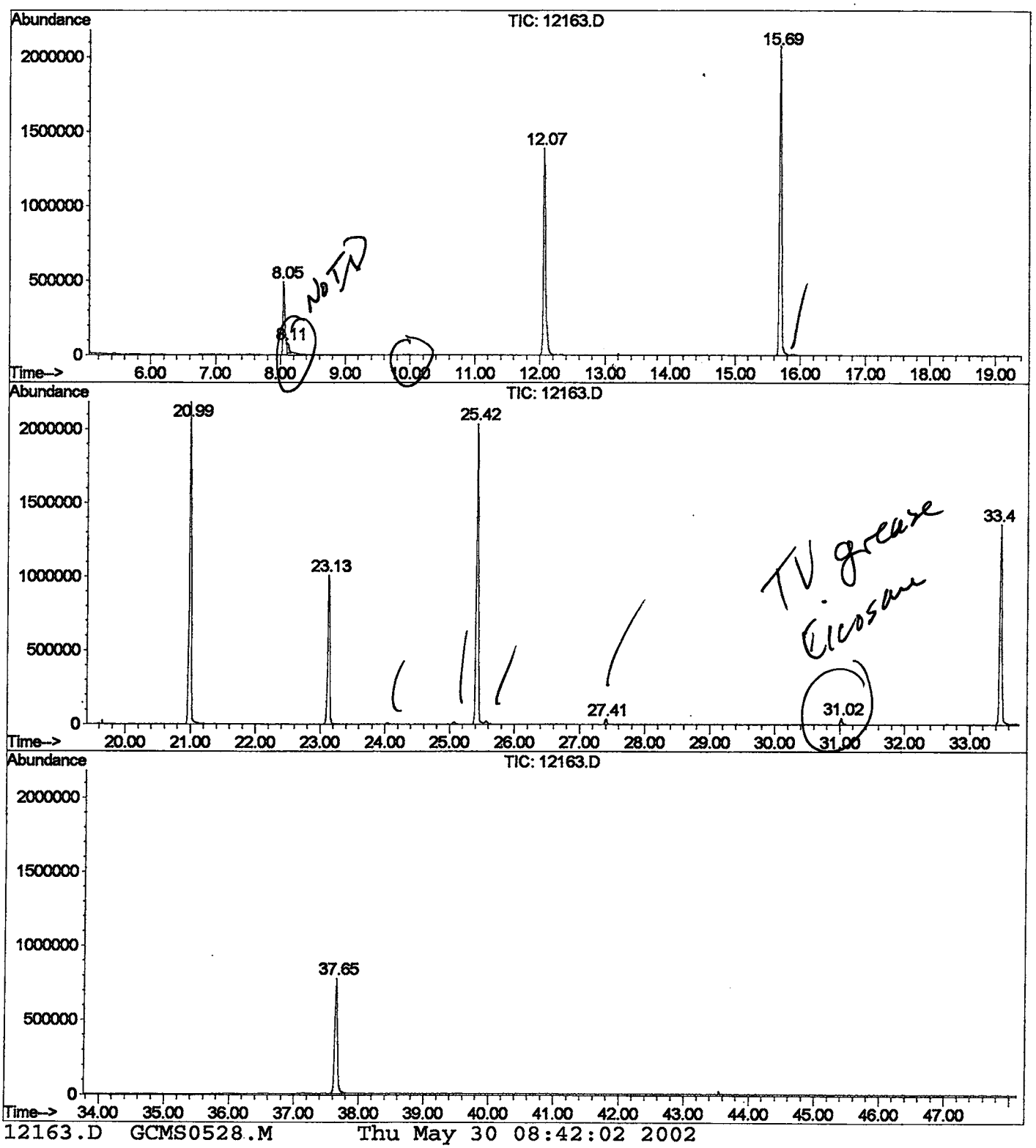
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.045	323	327	333	rBV	488333	1038075	22.59%	4.021%
2	8.109	333	334	341	rVB	65322	120844	2.63%	0.468%
3	12.066	760	765	780	rBV	1386573	3307642	71.97%	12.811%
4	15.692	1154	1160	1175	rBV	2074601	4503961	97.99%	17.444%
5	20.989	1730	1737	1750	rBV	2181710	4596149	100.00%	17.801%
6	23.128	1960	1970	1984	rBV	1011759	2162063	47.04%	8.374%
7	25.423	2213	2220	2231	rBV2	2035610	4516286	98.26%	17.492%
8	27.406	2431	2436	2441	rBV	35329	69268	1.51%	0.268%
9	31.023	2825	2830	2839	rBV	44111	93759	2.04%	0.363%
10	33.474	3087	3097	3111	rBV2	1359078	3154393	68.63%	12.217%
11	37.651	3544	3552	3568	rBV2	770231	2257096	49.11%	8.742%

Sum of corrected areas: 25819536

12163.D GCMS0528.M Thu May 30 08:42:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12163.D
Operator : Morgan
Acquired : 29 May 2002 4:15 pm using AcqMethod GCMS0528
Instrument : 209
Sample Name: gc/ms scan 5/23
Misc Info :
Vial Number: 6
Quant File :GCMS0528.RES (RTE Integrator)



12163.D GCMS0528.M Thu May 30 08:42:02 2002

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12163.D
Acq On : 29 May 2002 4:15 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: Morgan
Inst : 209
Multiplr: 1.00

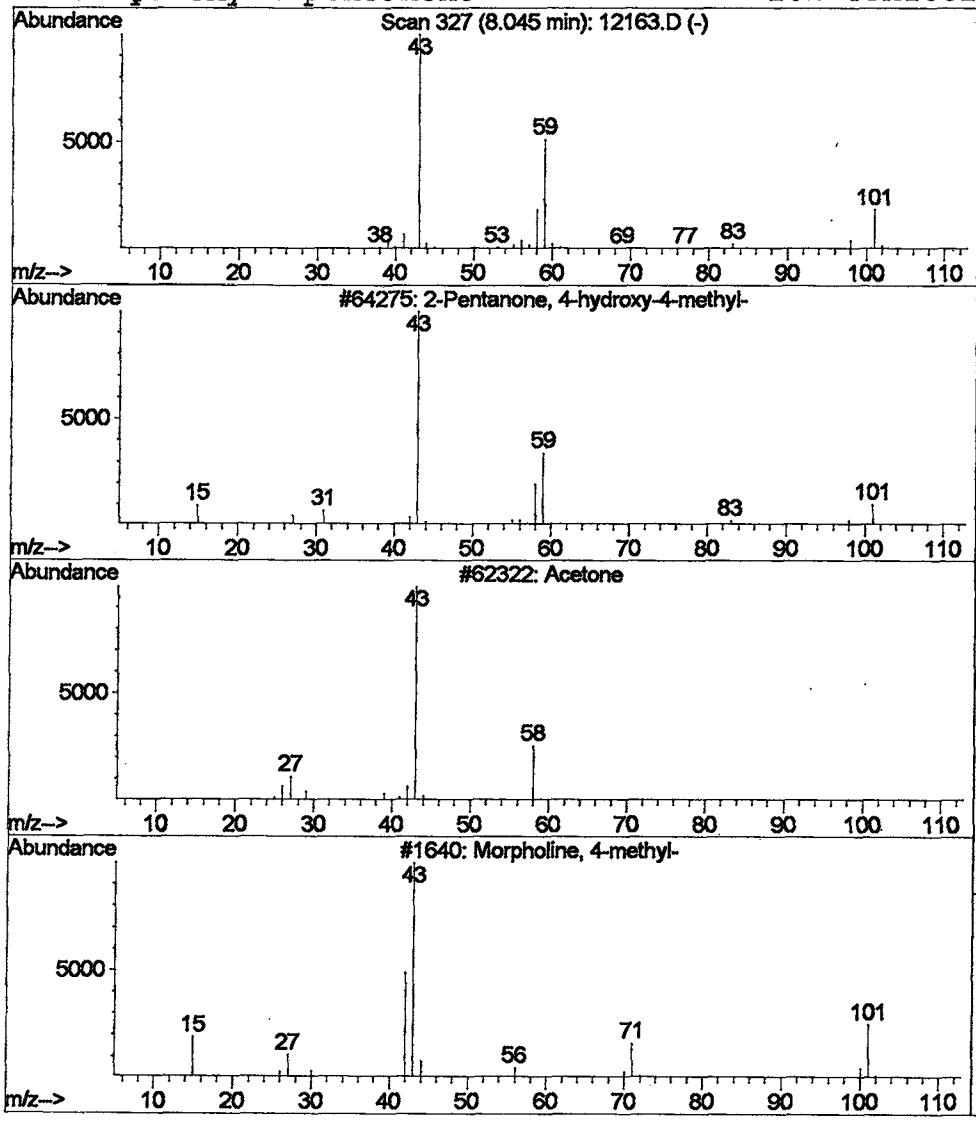
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

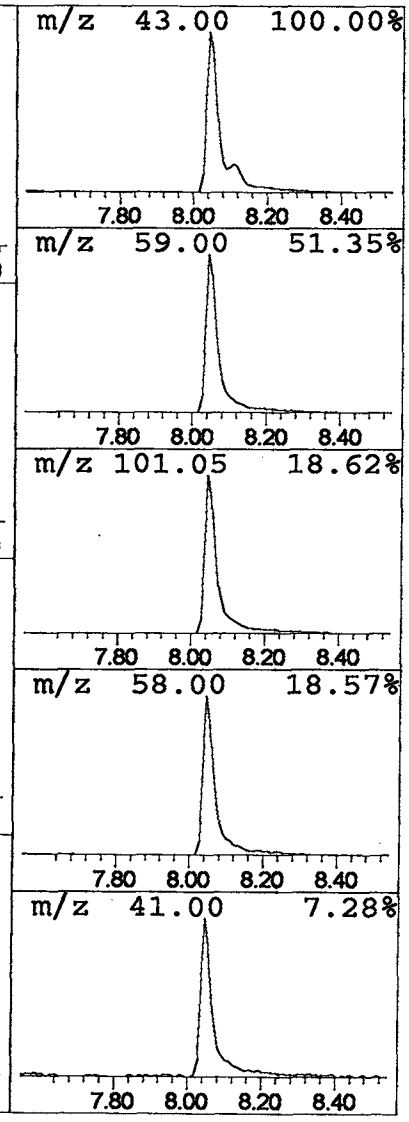
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	12.55 ug/l	1038080	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	Acetone	58	C3H6O	000067-64-1	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9





NYC-WTC_000013802

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12163.D
Acq On : 29 May 2002 4:15 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: Morgan
Inst : 209
Multiplr: 1.00

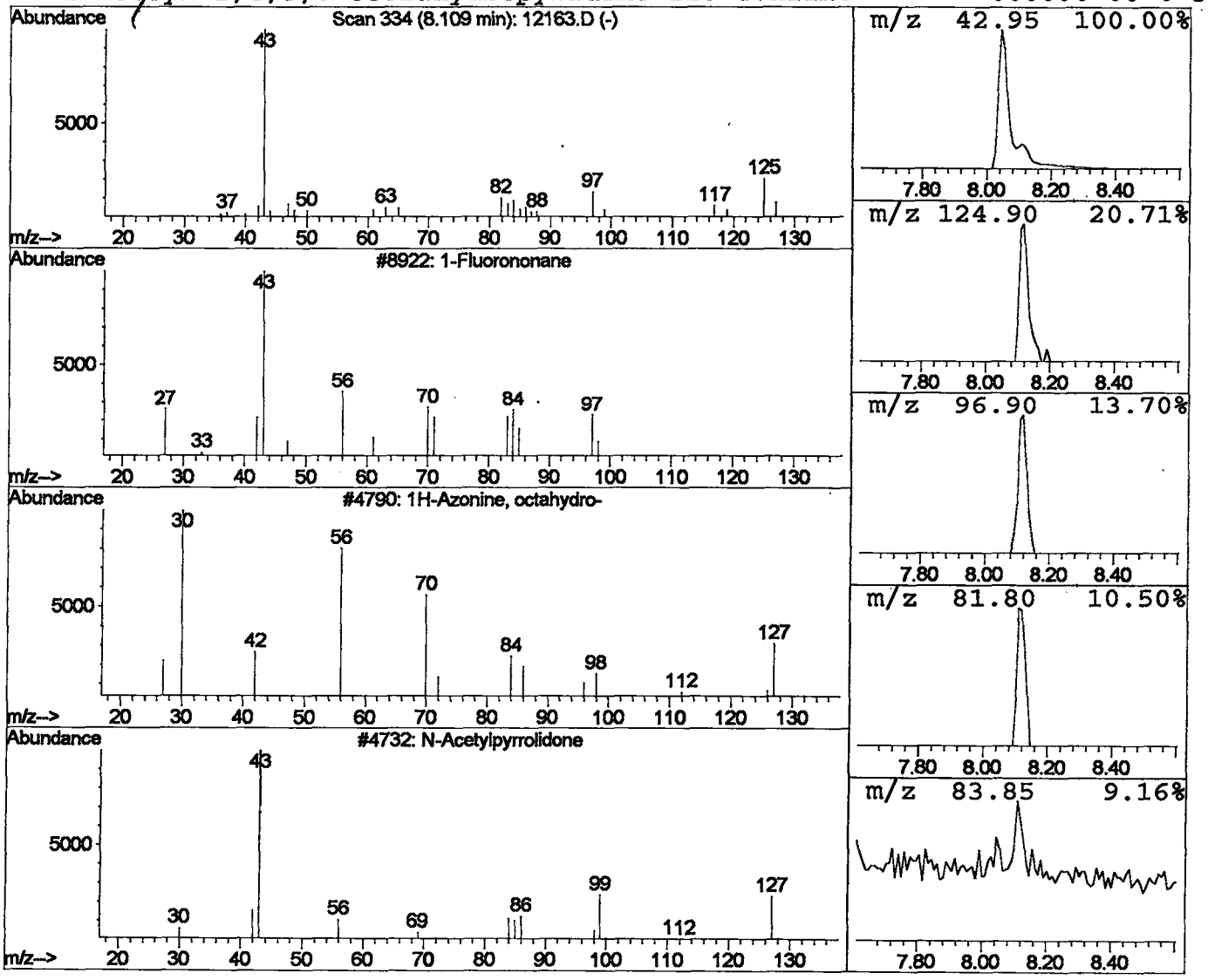
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Fluorononane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	1.46 ug/l	120844	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Fluorononane	146	C9H19F	000463-18-3	10
2	1H-Azonine, octahydro-	127	C8H17N	005661-71-2	7
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	7
4	2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	000000-00-0	3



NYC-WTC_000013803

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12163.D
Acq On : 29 May 2002 4:15 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: Morgan
Inst : 209
Multiplr: 1.00

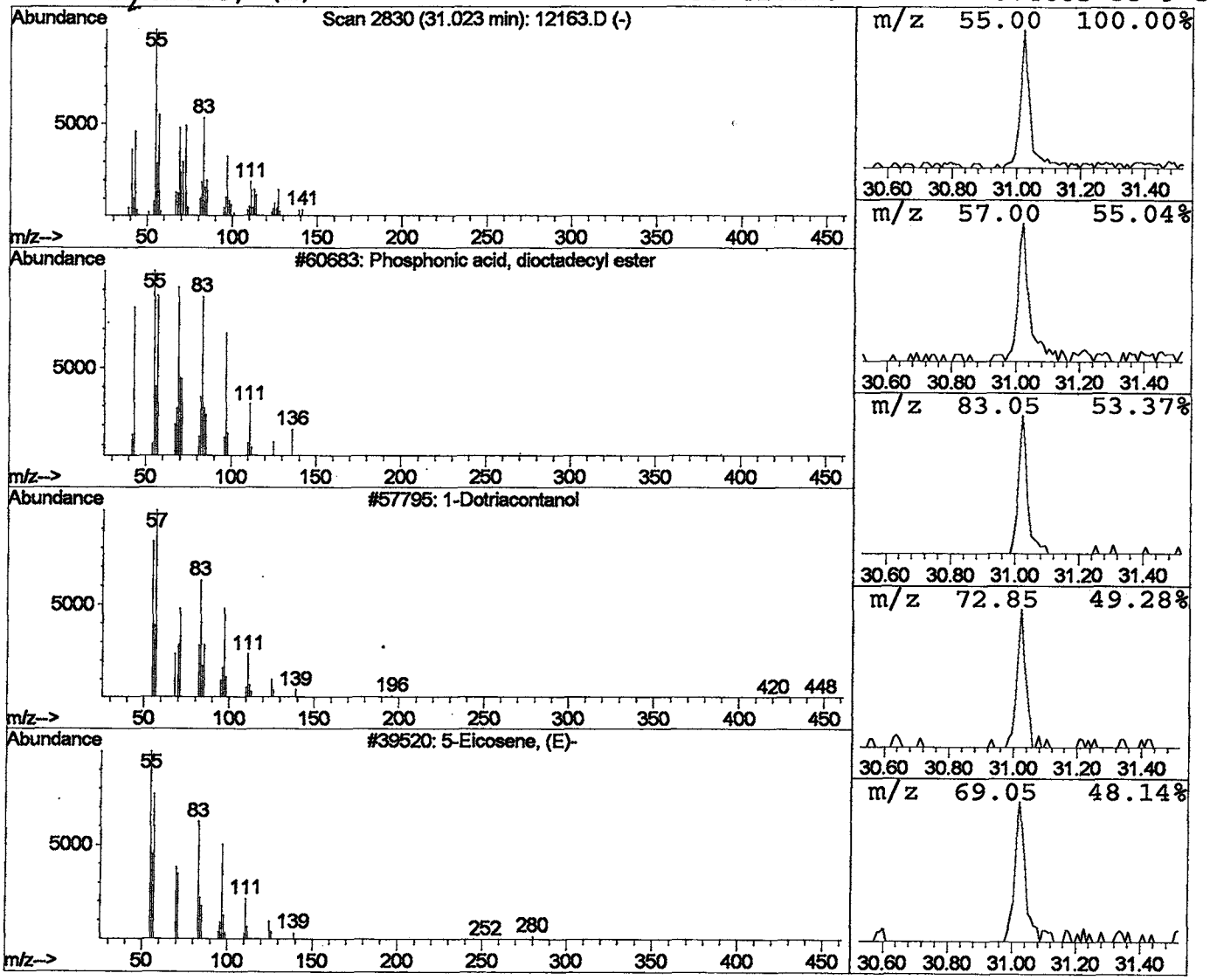
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phosphonic acid, dioctadecyl e Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.02	1.19 ug/l	93759	Chrysene-d12	33.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	76
2	1-Dotriacontanol	467	C32H66O	006624-79-9	70
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	68
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	53



NYC-WTC_000013804

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 29 May 2002 4:15 pm
Data File: C:\HPCHEM\1\DATA\MAY2902\12163.D
Name: gc/ms scan 5/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0528.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
2-Pentanone, 4-hydro	8.05	12.6	ug/l	1038080	ISTD01	12.07	3307640	40.0
1-Fluorononane	8.11	1.5	ug/l	120844	ISTD01	12.07	3307640	40.0
Phosphonic acid, dio	31.02	1.2	ug/l	93759	ISTD05	33.47	3154390	40.0

12163.D GCMS0528.M Thu May 30 08:42:05 2002