User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:45:03

Sample: AE12170
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 11:44 Ended: 6/3/02 11:44 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE12170 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 11:45:29

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\12170.D Vial: 12
Acq On : 29 May 2002 10:09 pm Operator: Morgan
Sample : gc/ms scan 5/23 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:27 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	596470	40.00	ug/l	-0.07
10) Naphthalene-d8	15.70	136	2397550	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1146445	40.00	ug/l	-0.09
30) Phenanthrene-d10	25.43	188	1725333	40.00	ug/l	-0.10
38) Chrysene-d12	33.47	240	939726	40.00	ug/l	-0.14
44) Perylene-d12	37.66	264	591892	40.00	ug/l	-0.15
System Monitoring Compounds						
28) TCMX	23.13	209	239613	30.27	ug/L	-0.10
Spiked Amount 40.000			Recovery = 75.68%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-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	15.75	128	458	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	21.28	165	307	N.D.		
25) Diethylphthalate	22.48	149	798	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	1784	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	334	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.43	178	650	N.D.		

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

Quantitation Report (QT Reviewed)

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Sample : gc/ms scan 5/23 fb Inst : 209
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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

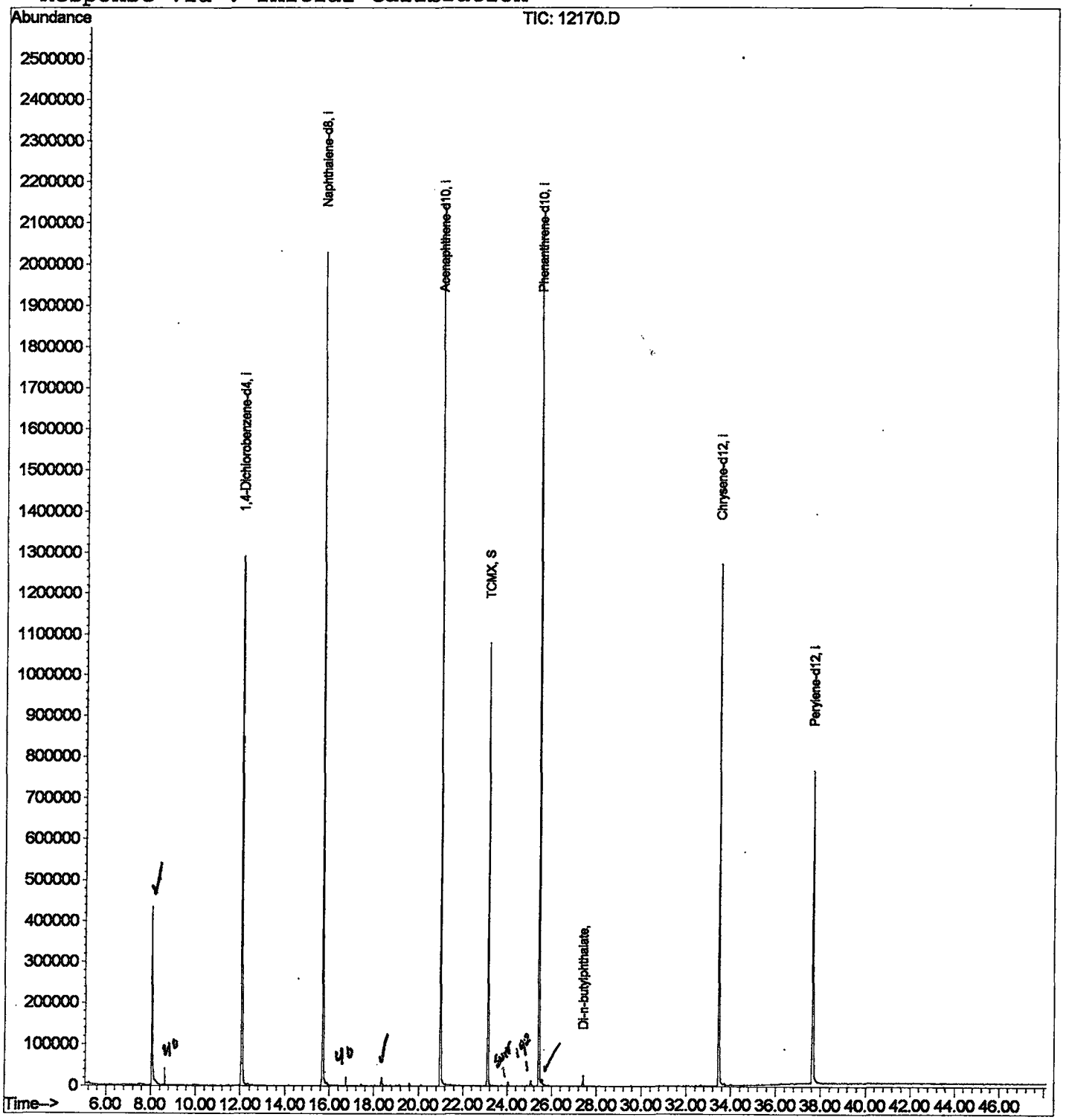
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.43	178	650	N.D.	
36) Di-n-butylphthalate	27.41	149	30667	0.54 ug/l	99
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.47	228	2029	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	2439	N.D.	
43) Chrysene	33.47	228	2029	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	36.57	252	199	N.D.	
48) Benzo(a)pyrene	37.65	252	2573	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12170.D Vial: 12
Acq On : 29 May 2002 10:09 pm Operator: Morgan
Sample : gc/ms scan 5/23 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:27 2002 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12170.D Vial: 12
Acq On : 29 May 2002 10:09 pm Operator: Morgan
Sample : gc/ms scan 5/23 fb 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

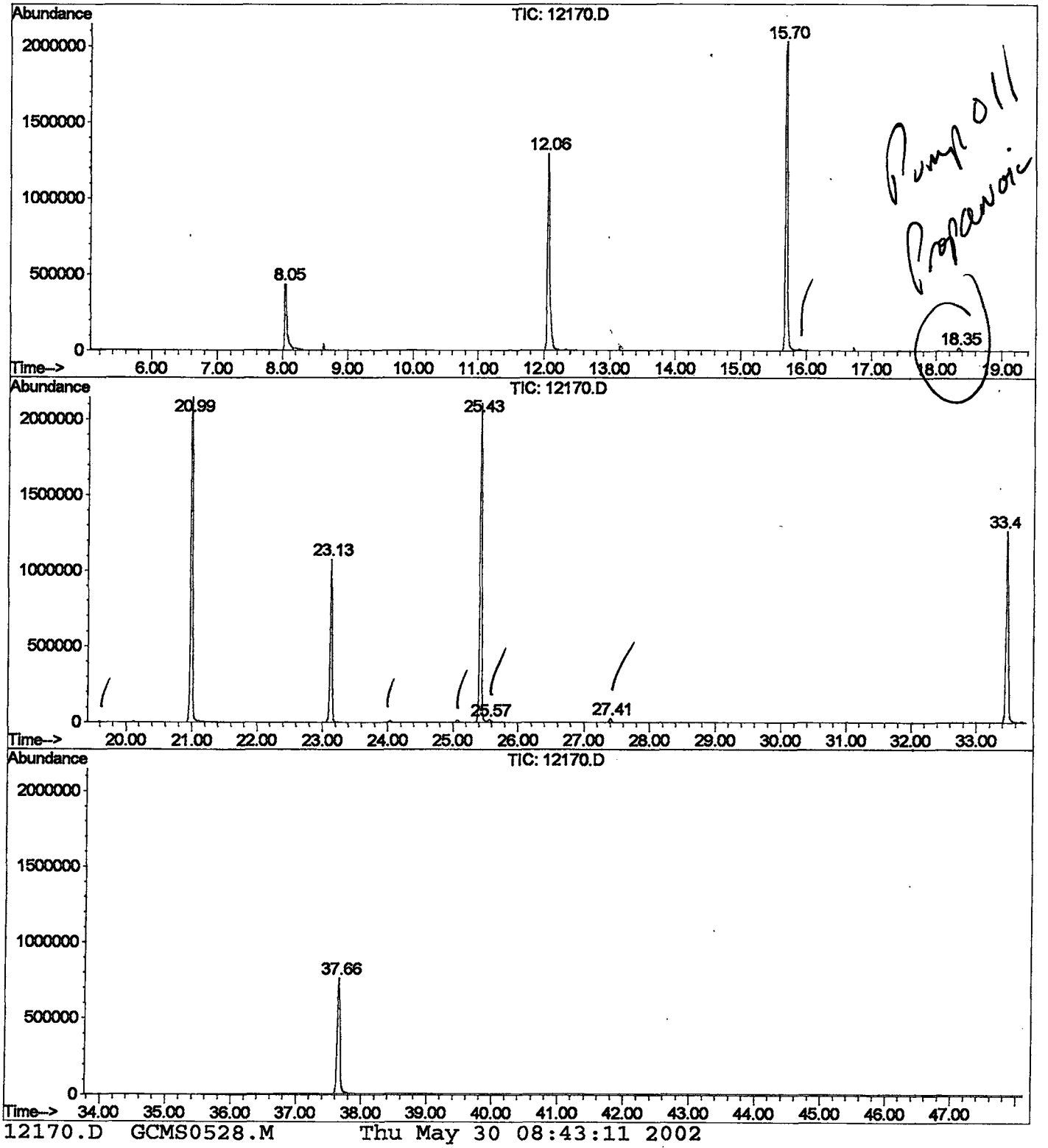
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.050	323	327	339	rBV	433903	1058658	23.24%	4.190%
2	12.062	759	764	783	rBV	1290642	3263100	71.62%	12.916%
3	15.698	1153	1160	1177	rBV	2029320	4428449	97.20%	17.529%
4	18.351	1443	1449	1460	rBV	19965	55705	1.22%	0.220%
5	20.995	1730	1737	1756	rBV	2145822	4556024	100.00%	18.034%
6	23.134	1960	1970	1978	rBV	1077957	2250999	49.41%	8.910%
7	25.429	2213	2220	2231	rBV	2104651	4382072	96.18%	17.345%
8	25.566	2231	2235	2245	rVB	14940	47014	1.03%	0.186%
9	27.412	2431	2436	2441	rBV	26217	50611	1.11%	0.200%
10	33.471	3089	3096	3111	rBV2	1270132	2960123	64.97%	11.717%
11	37.657	3544	3552	3572	rBV	756918	2210746	48.52%	8.751%

Sum of corrected areas: 25263501

12170.D GCMS0528.M Thu May 30 08:43:11 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12170.D
Operator : Morgan
Acquired : 29 May 2002 10:09 pm using AcqMethod GCMS0528
Instrument : 209
Sample Name: gc/ms ,scan 5/23 fb
Misc Info :
Vial Number: 12
Quant File :GCMS0528.RES (RTE Integrator)



Pump oil
Propanol

12170.D GCMS0528.M Thu May 30 08:43:11 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12170.D
Acq On : 29 May 2002 10:09 pm
Sample : gc/ms scan 5/23 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: Morgan
Inst : 209
Multiplr: 1.00

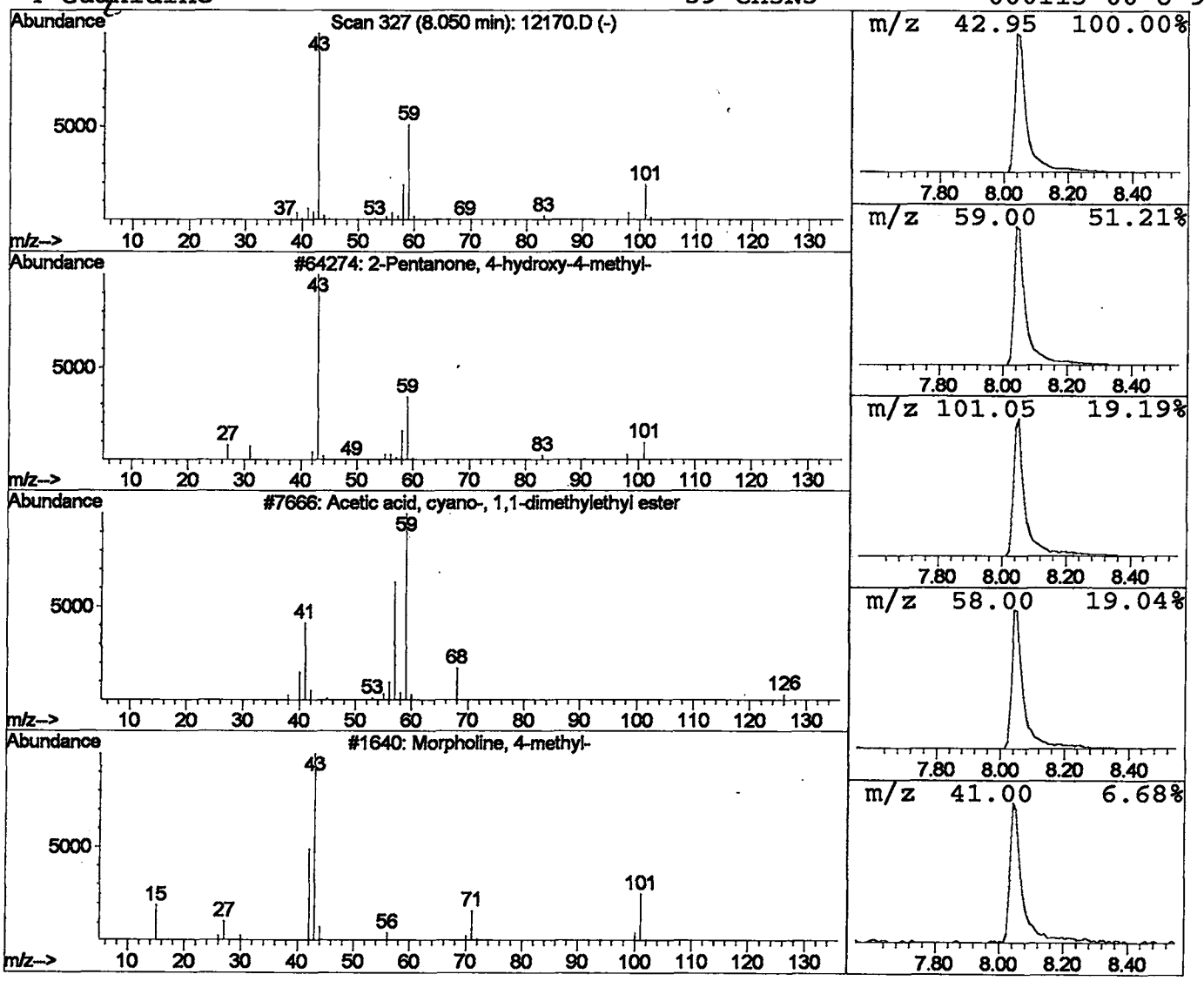
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	12.98 ug/l	1058660	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	50
2	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Guanidine	59	CH5N3	000113-00-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12170.D Vial: 12
Acq On : 29 May 2002 10:09 pm Operator: Morgan
Sample : gc/ms scan 5/23 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

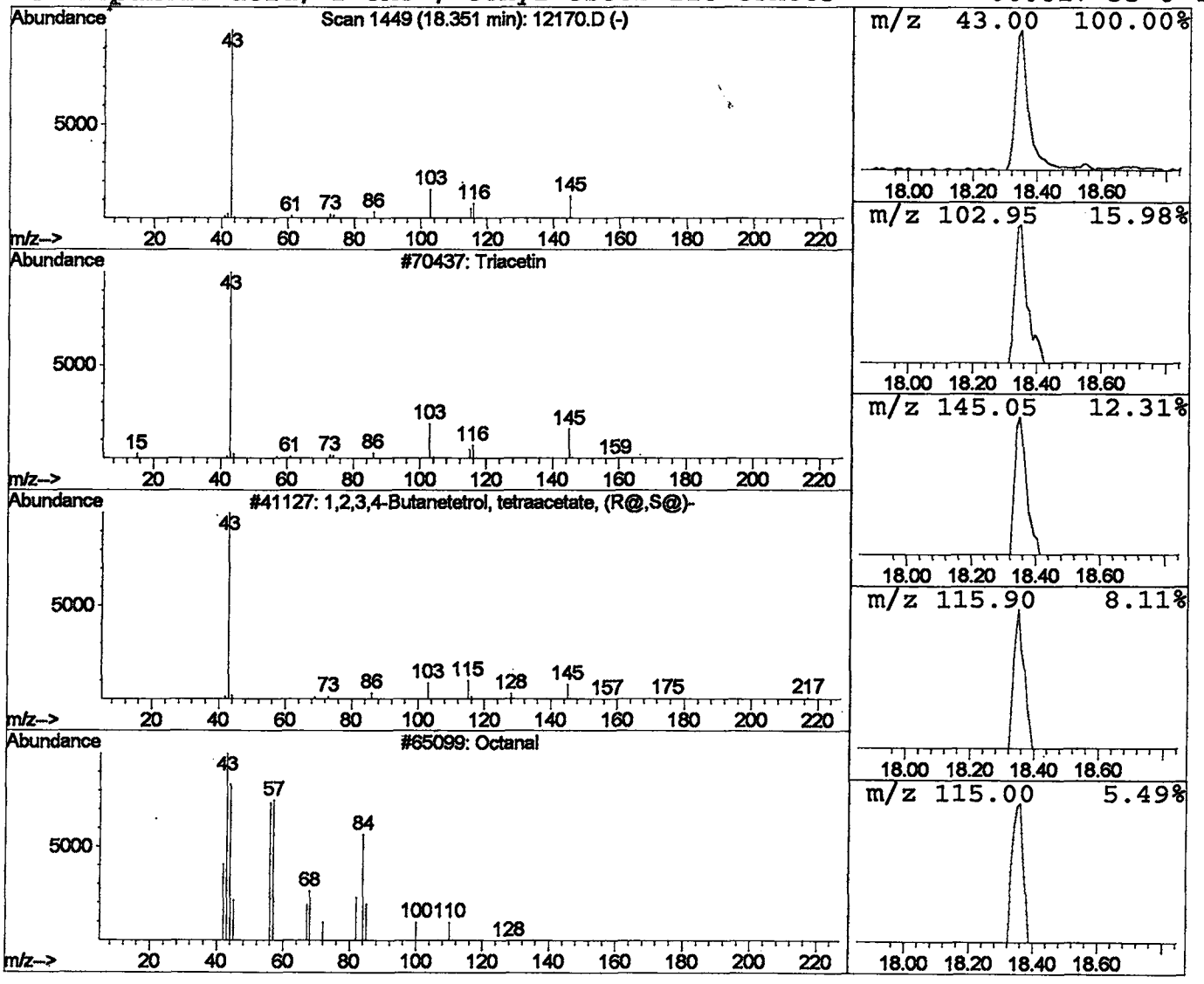
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Triacetin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	0.49 ug/l	55705	Acenaphthene-d10	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacetin	218	C9H14O6	000102-76-1	74
2	1,2,3,4-Butanetetrol, tetraacetate,	290	C12H18O8	007208-40-4	9
3	Octanal	128	C8H16O	000124-13-0	5
4	Propanoic acid, 2-oxo-, ethyl ester	116	C5H8O3	000617-35-6	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12170.D
Acq On : 29 May 2002 10:09 pm
Sample : gc/ms scan 5/23 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: Morgan
Inst : 209
Multiplr: 1.00

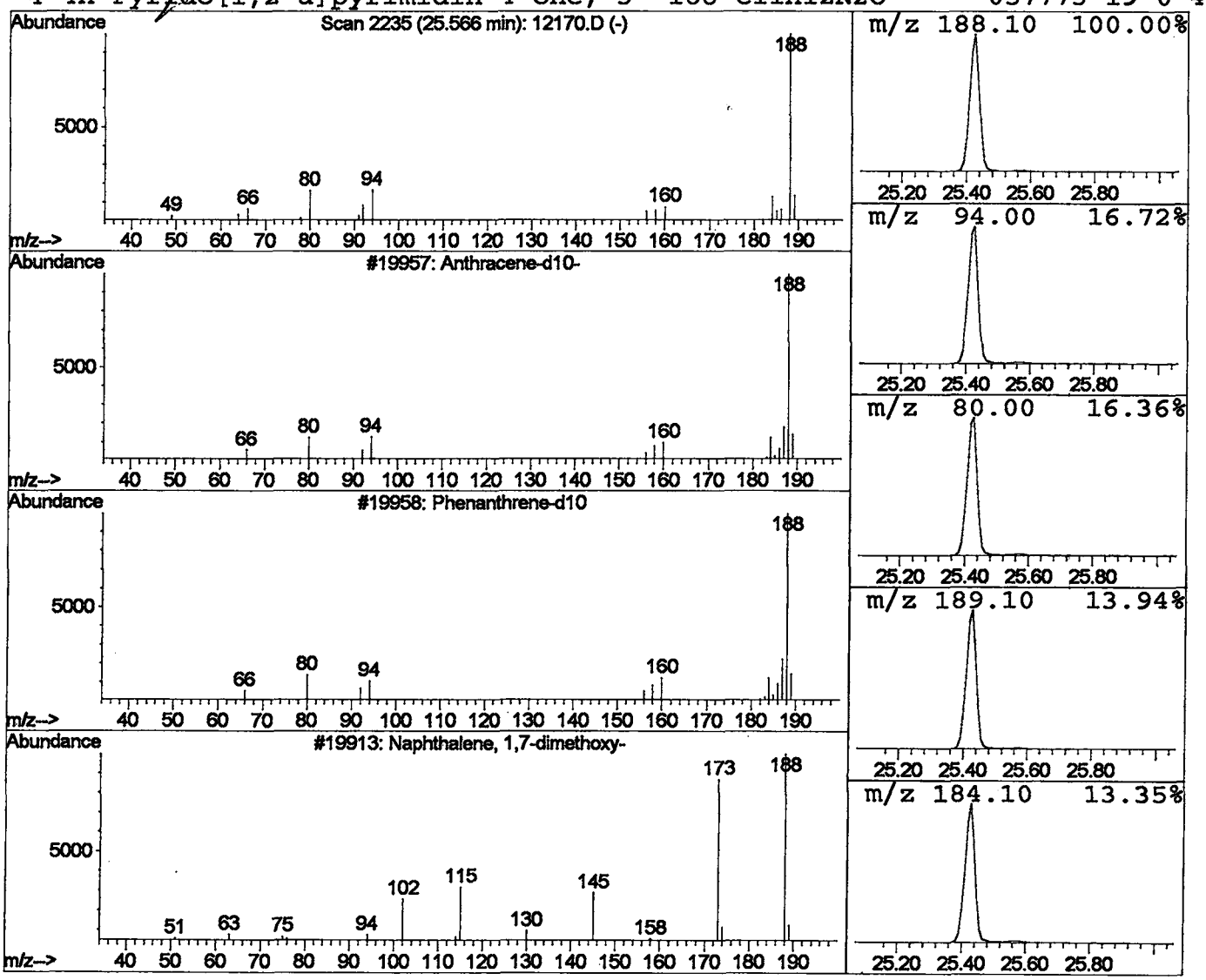
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	0.43 ug/l	47014	Phenanthrene-d10	25.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	90
2	Phenanthrene-d10	188	C14D10	001517-22-2	78
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	42
4	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	40



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 29 May 2002 10:09 pm
Data File: C:\HPCHEM\1\DATA\MAY2902\12170.D
Name: gc/ms scan 5/23 fb
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	13.0	ug/l	1058660	ISTD01	12.07	3263100	40.0
Triacetin	18.35	0.5	ug/l	55705	ISTD03	20.99	4556020	40.0
Anthracene-d10-	25.57	0.4	ug/l	47014	ISTD04	25.43	4382070	40.0

12170.D GCMS0528.M Thu May 30 08:43:14 2002