User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 18:29:15

Sample: AE03182
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/22/02 18:28 Ended: 3/22/02 18:28 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Sum of 1 Cpds				

Comments for Sample AE03182 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-22-2002 Time: 18:29:19

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the LCS Standard compounds were high. New control limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\3182.D Vial: 14
Acq On : 19 Mar 2002 12:49 pm Operator: McLean
Sample : GC/MS SCAN 3/6 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 19 21:39:01 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1119557	20.00	ug/L	0.00
10) Naphthalene-d8	13.02	136	3146124	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1768057	20.00	ug/L	0.00
29) Phenanthrene-d10	22.49	188	2698142	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2332265	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1188173	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	245591	7.63	ug/L	0.00
Spiked Amount 5.000			Recovery = 152.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D. d		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	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-Chloropr	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) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	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	18.13	165	225436	10.99	ug/L #	25
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	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	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.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	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	24.65	149	33409	0.23	ug/L	93
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) antracene	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	30.91	149	2919	0.03	ug/L	78
43) Chrysene	30.30	228	5784	0.05	ug/L	45
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\3182.D Vial: 14
Acq On : 19 Mar 2002 12:49 pm Operator: McLean
Sample : GC/MS SCAN 3/6 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 19 21:39:01 2002 Quant Results File: 5080302.RES

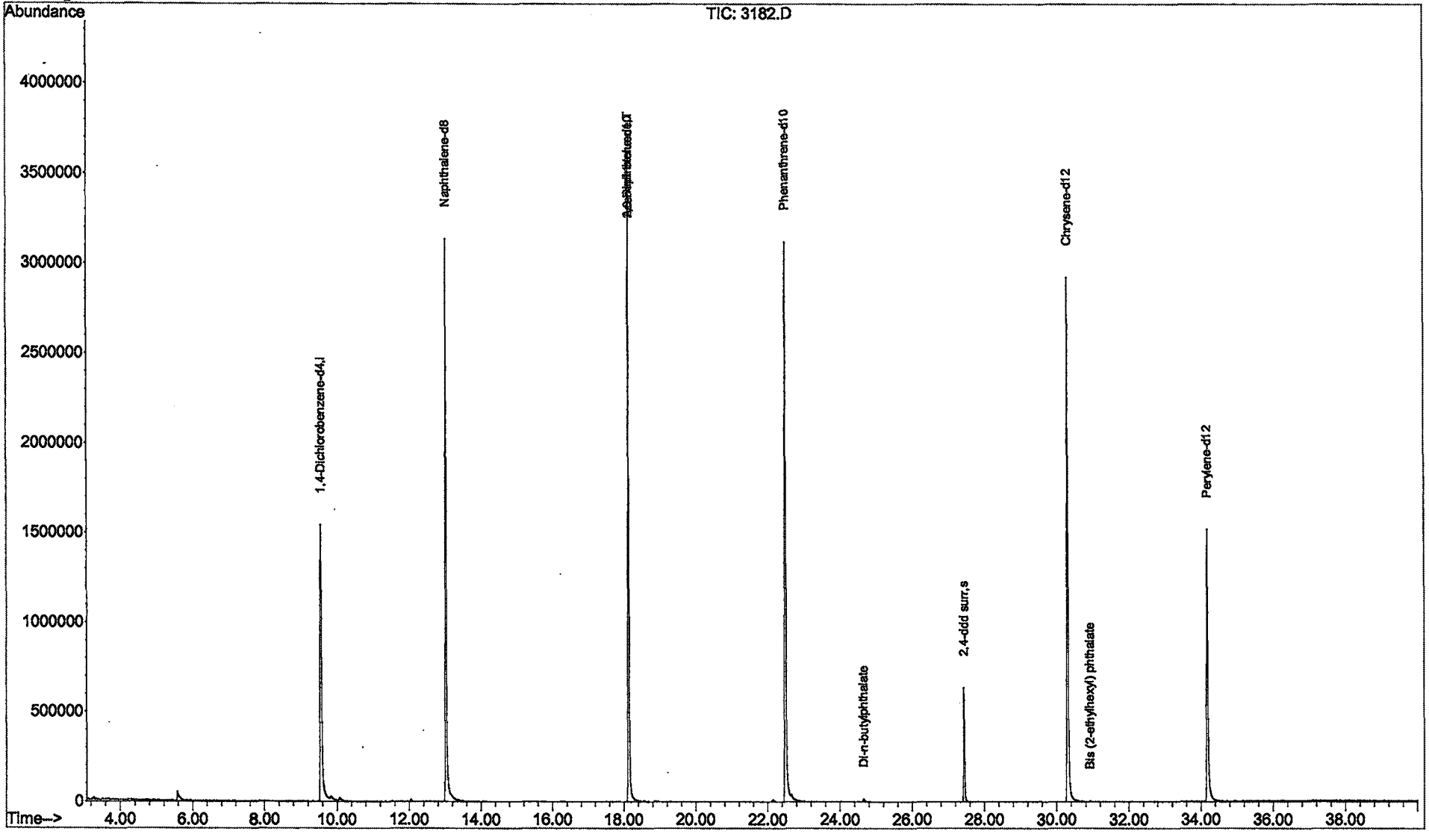
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D. 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
3182.D 5080302.M Tue Mar 19 21:39:30 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\031802\3182.D Vial: 14
Acq On : 19 Mar 2002 12:49 pm Operator: McLean
Sample : GC/MS SCAN 3/6 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 19 21:39 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\2146.D Vial: 24
Acq On : 19 Mar 2002 8:59 pm Operator: McLean
Sample : GC/MS SCAN 3/8 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 19 21:39:32 2002 Quant Results File: 508SCAN.RES

Quant Method : C:\MSDCHEM\1\5973N\508SCAN.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Jan 09 11:43:04 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.83	150	21135	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3951095	20.00	ug/L	-0.30
17) Acenaphthene-d10	18.13	164	2196475	20.00	ug/L	-0.32
29) Phenanthrene-d10	22.65	188	50267	5.00	ug/L	-0.17
31) 4-Bromophenyl-phenyl ether	0.00	248	0	0.00	ug/L	-21.66
32) Hexachlorobenzene	0.00	284	0	0.00	ug/L	-21.70
38) Chrysene-d12	30.63	240	6683	20.00	ug/L	-0.04
44) Perylene-d12	34.18	264	1819119	20.00	ug/L	-0.37
System Monitoring Compounds						
2) N-nitroso-dimethyl amine	0.00	74	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
19) 2-chloronaphthalene	0.00	162	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
21) 2,6-Dinitrotoluene	0.00	165	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	0.00	147	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-Chloropr	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) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
20) Dimethylphthalate	18.13	163	348034	3.64	ug/L	100
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	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	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.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	24.65	149	9960	N.D.		
36) Fluoranthene	0.00	202	0	N.D.		
37) 2,4-ddd surr	27.43	235	247611	N.D.		
39) Pyrene	27.43	202	7296	25.51	ug/L #	100
40) Butylbenzylphthalate	0.00	149	0	N.D.		
41) Benzo (a) antracene	30.30	228	6445	22.71	ug/L #	100
42) Bis (2-ethylhexyl) phthala	30.91	149	11156	46.42	ug/L #	100
43) Chrysene	30.30	228	6445	23.68	ug/L #	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\2146.D Vial: 24
Acq On : 19 Mar 2002 8:59 pm Operator: McLean
Sample : GC/MS SCAN 3/8 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 19 21:39:32 2002 Quant Results File: 508SCAN.RES

Quant Method : C:\MSDCHEM\1\5973N\508SCAN.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Jan 09 11:43:04 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

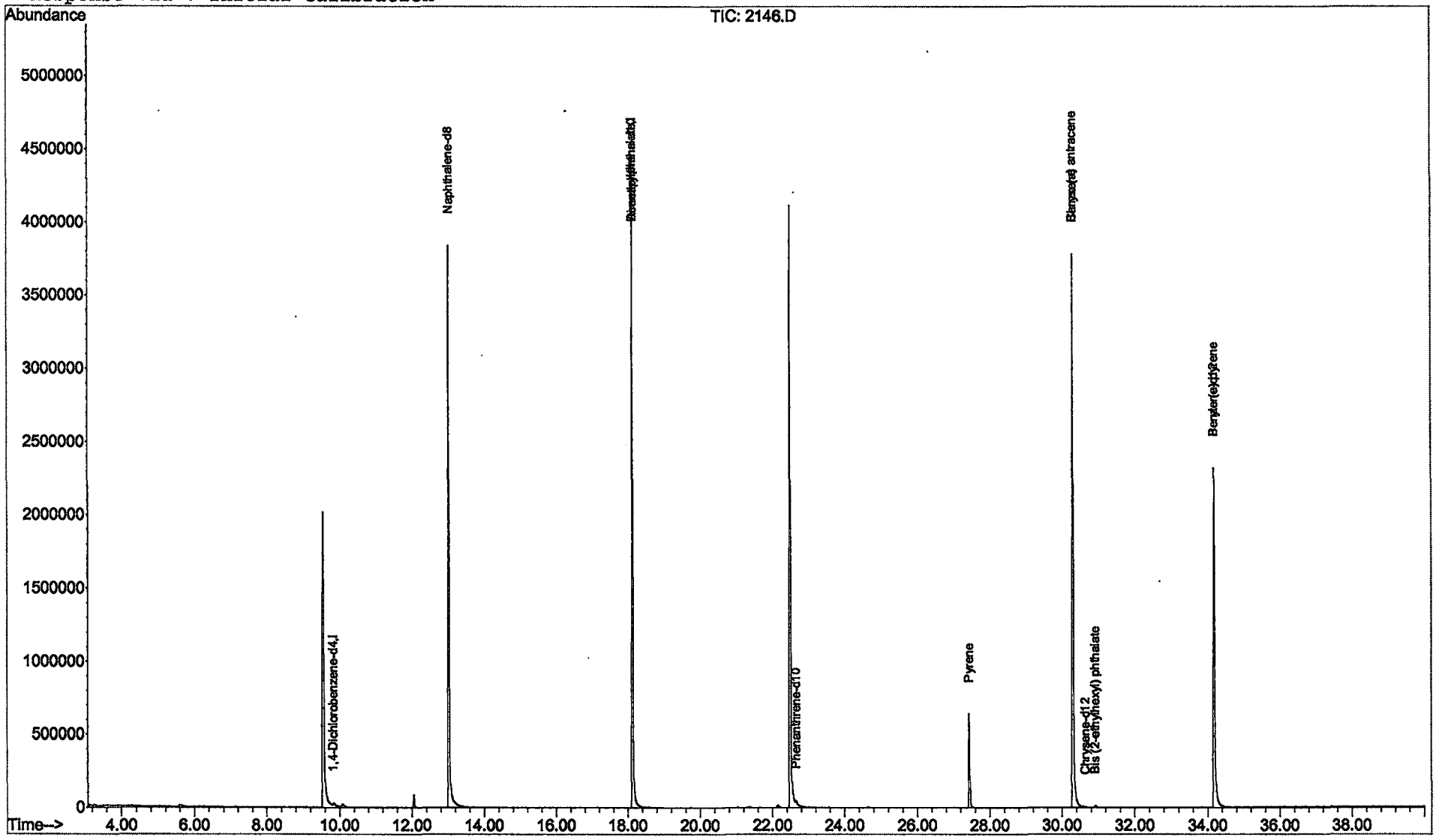
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo (b) fluoranthene	0.00	252	0	N.D.	
47)	Benzo (k) fluoranthene	0.00	252	0	N.D.	
48)	Benzo (a) pyrene	34.19	252	6424	0.09 ug/L #	100
49)	Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50)	Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51)	Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
2146.D 508SCAN.M Tue Mar 19 21:39:34 2002 Page 2

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\2146.D Vial: 24
Acq On : 19 Mar 2002 8:59 pm Operator: McLean
Sample : GC/MS SCAN 3/8 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 19 21:39 2002 Quant Results File: 508SCAN.RES

Method : C:\MSDCHEM\1\5973N\508SCAN.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Jan 09 11:43:04 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031802\3182.D Vial: 14
Acq On : 19 Mar 2002 12:49 pm Operator: McLean
Sample : GC/MS SCAN 3/6 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
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

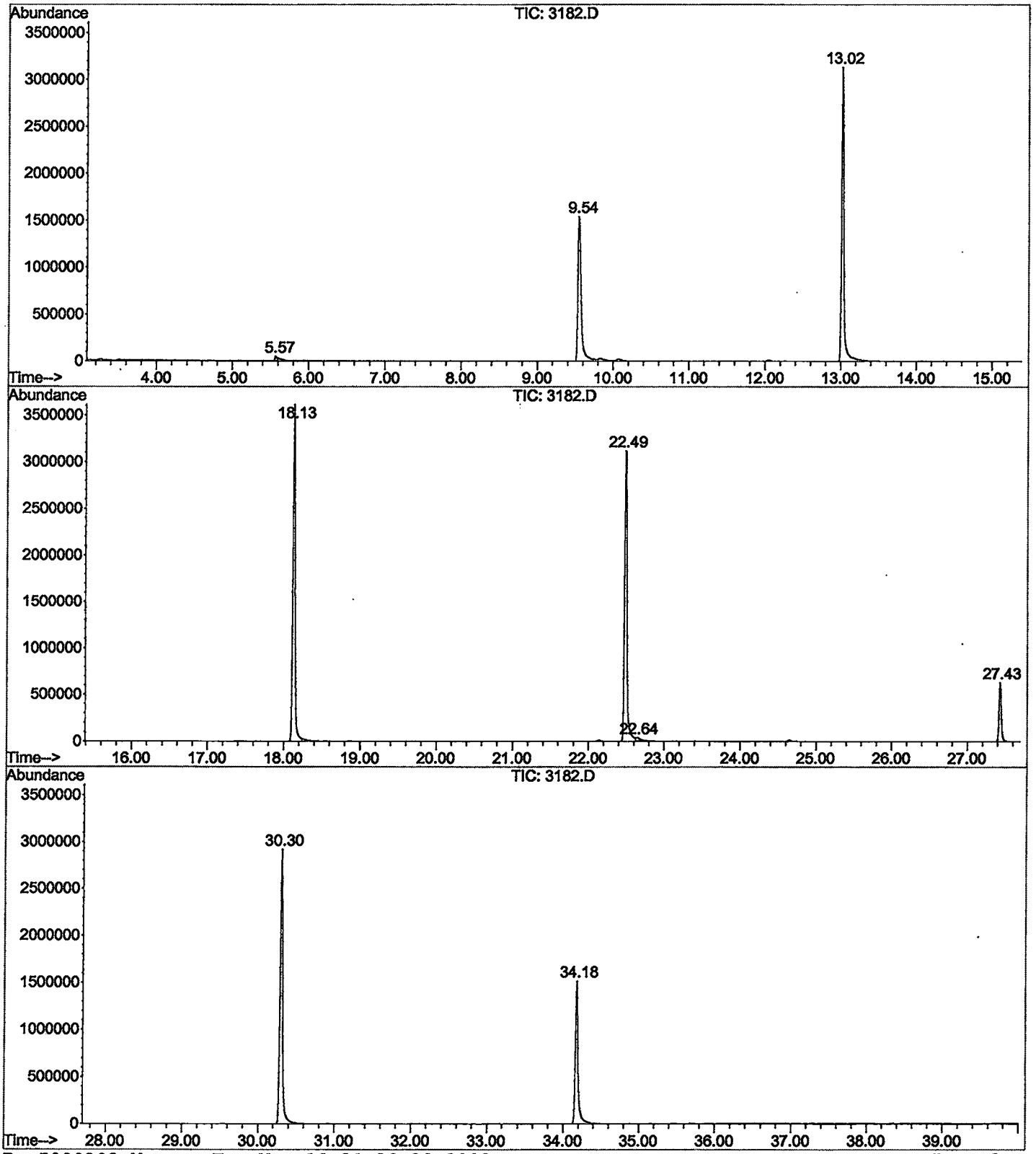
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.570	273	275	278	rBV	47780	85978	1.16%	0.225%
2	9.543	708	713	734	rBV	1540354	4648101	62.67%	12.141%
3	13.017	1091	1096	1130	rBV	3134859	6872616	92.66%	17.952%
4	18.133	1654	1660	1672	rBV	3615396	7253227	97.80%	18.946%
5	22.486	2134	2140	2155	rBV2	3120117	7416721	100.00%	19.373%
6	22.641	2155	2157	2173	rVB2	34904	151943	2.05%	0.397%
7	27.430	2681	2685	2695	rBV	635291	1266186	17.07%	3.307%
8	30.305	2996	3002	3026	rBV2	2919869	6735321	90.81%	17.593%
9	34.178	3423	3429	3452	rBV	1516485	3853357	51.95%	10.065%

Sum of corrected areas: 38283450

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031802\3182.D
Operator : McLean
Acquired : 19 Mar 2002 12:49 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: GC/MS SCAN 3/6
Misc Info :
Vial Number: 14
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031802\3182.D Vial: 14
Acq On : 19 Mar 2002 12:49 pm Operator: McLean
Sample : GC/MS SCAN 3/6 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

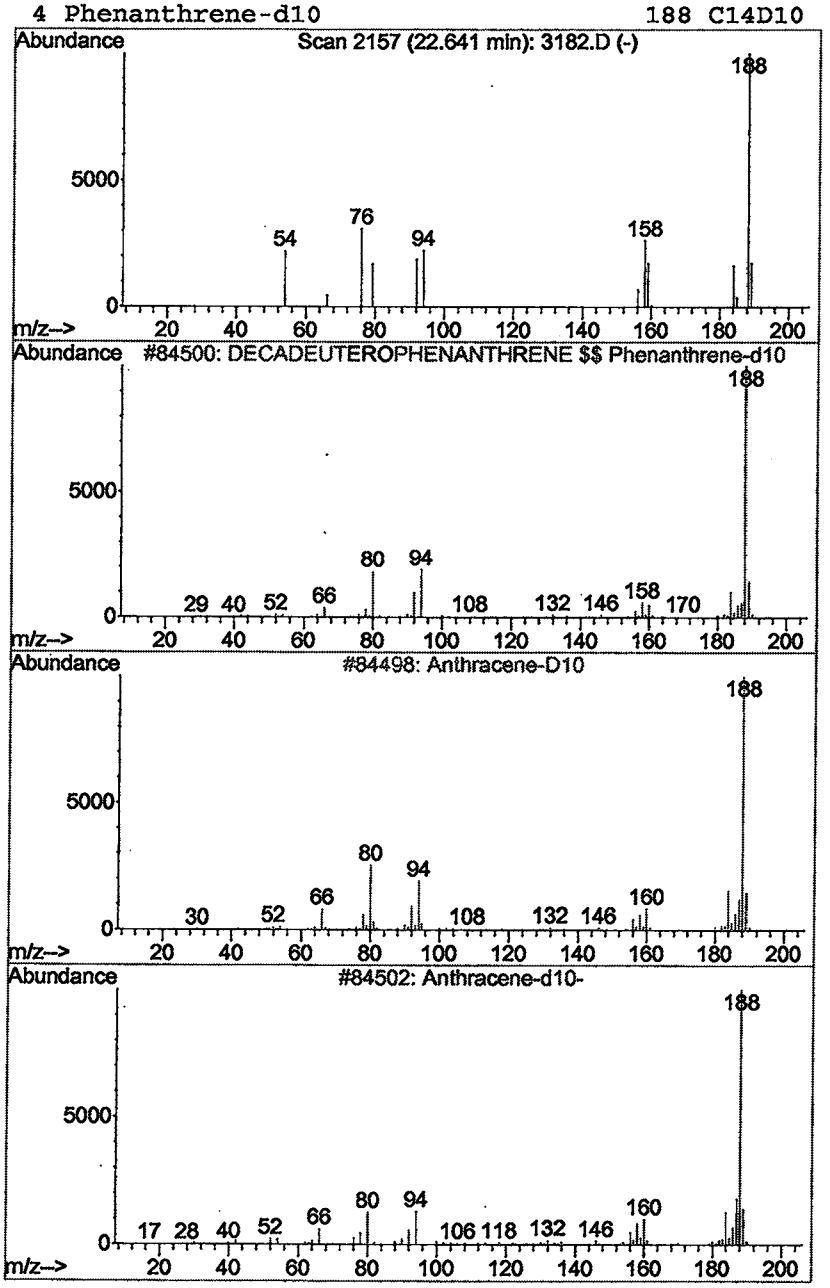
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

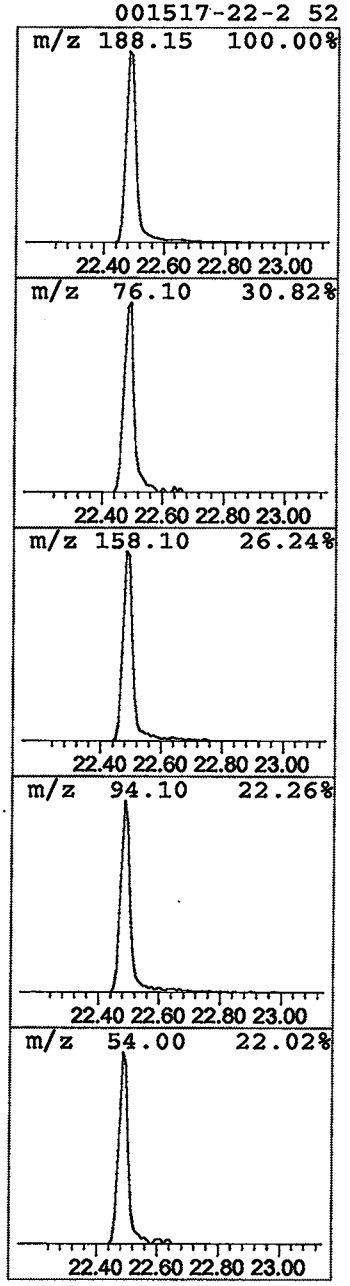
****

Peak Number 1 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.41 ug/L	151943	Phenanthrene-d10	22.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	64
2	Anthracene-D10	188	C14D10	000000-00-0	53
3	Anthracene-d10-	188	C14D10	001719-06-8	53
4	Phenanthrene-d10	188	C14D10	001517-22-2	52





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 19 Mar 2002 12:49 pm
Data File: C:\MSDCHEM\1\DATA\031802\3182.D
Name: GC/MS SCAN 3/6
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
DECADEUTEROPHENAN...	22.64	0.4	ug/L	151943	4	22.49	7416720	20.0