User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 15:36:23

Sample: AE06303
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/17/02 15:36 Ended: 4/17/02 15:36 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		5.0

Comments for Sample AE06303 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-17-2002 Time: 15:36:54

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

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 15:36:56

Sample: AE06303
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/17/02 15:36 Ended: 4/17/02 15:36 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		5.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6303.D Vial: 11
Acq On : 8 Apr 2002 8:11 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:12:43 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 15:05:54 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.67	152	5970342	20.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	22271850	20.00	ug/l	0.00
17) Acenaphthene-d10	23.68	164	12684823	20.00	ug/l	0.00
31) Phenanthrene-d10	30.92	188	20435986	20.00	ug/l	0.01
39) Chrysene-d12	39.11	240	15356268	20.00	ug/l	0.00
45) Perylene-d12	42.31	264	8054969	20.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	0.00	207	0	0.00	ug/l	
Spiked Amount 5.000			Recovery = 0.00%			
38) 2,4-DDD	36.62	235	441498	1.93	ug/ml	0.00
Spiked Amount 5.000			Recovery = 38.60%			
Target Compounds			4.6948 = 93.90%			Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1.3-Dichlorbenzene	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-Chloropropane	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	43	0	N.D.		
9) Hexachloroethane	0.00	119	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) Acenaphthylene	0.00	152	0	N.D.		
21) Dimethyl phthalate	0.00	163	0	N.D.		
22) 2,6-Dinitrotoluene	0.00	77	0	N.D.	d	
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Fluorene	0.00	166	0	N.D.		
26) Diethyl phthalate	0.00	149	0	N.D.		
27) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
29) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
30) Azobenzene	0.00	77	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6303.D Vial: 11
Acq On : 8 Apr 2002 8:11 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:12:43 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 15:05:54 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

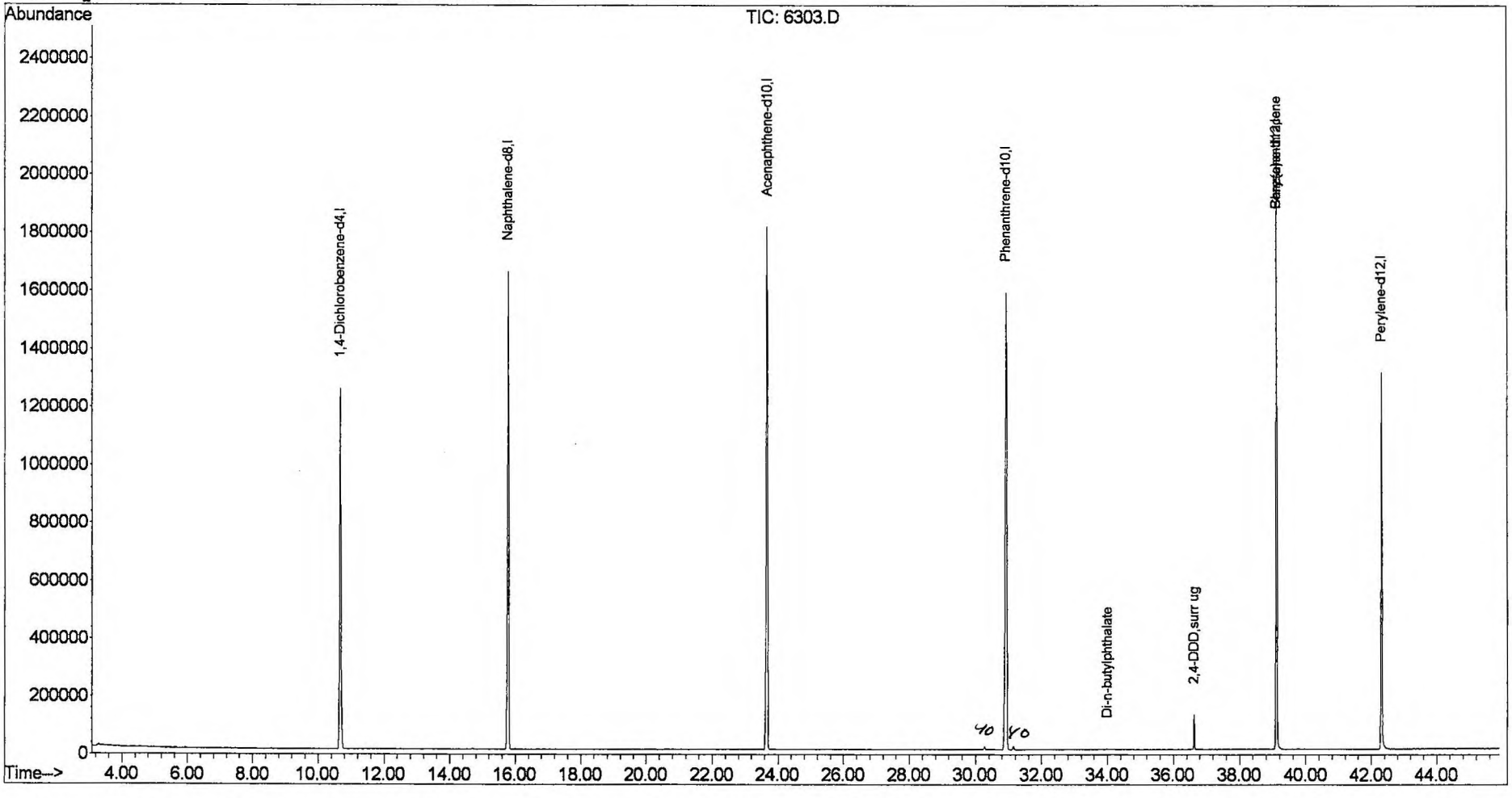
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
34)	Phenanthrene	0.00	178	0	N.D.		
35)	Anthracene	0.00	178	0	N.D.		
36)	Di-n-butylphthalate	33.98	149	39862	0.03 ug/l	X	79
37)	Fluoranthene	0.00	202	0	N.D.		
40)	Pyrene	0.00	202	0	N.D.		
41)	Buthylbenzylphthalate	0.00	149	0	N.D.		
42)	Benz(a)anthracene	39.11	228	37031	0.04 ug/l	#X	54
43)	Chrysene	0.00	228	0	N.D. d		
44)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.		
46)	Di-n-Octyl phthalate	0.00	149	0	N.D.		
47)	Benzo(b)fluoranthene	0.00	252	0	N.D.		
48)	Benzo(k)fluoranthene	0.00	252	0	N.D.		
49)	Benzo(a)pyrene	0.00	252	0	N.D. d		
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.		
52)	Benzo(ghi)perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6303.D Vial: 11
Acq On : 8 Apr 2002 8:11 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 9 15:13 2002 Quant Results File: SCANAPR0902.RES

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue Apr 09 14:51:40 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020408\6303.D Vial: 11
Acq On : 8 Apr 2002 8:11 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan

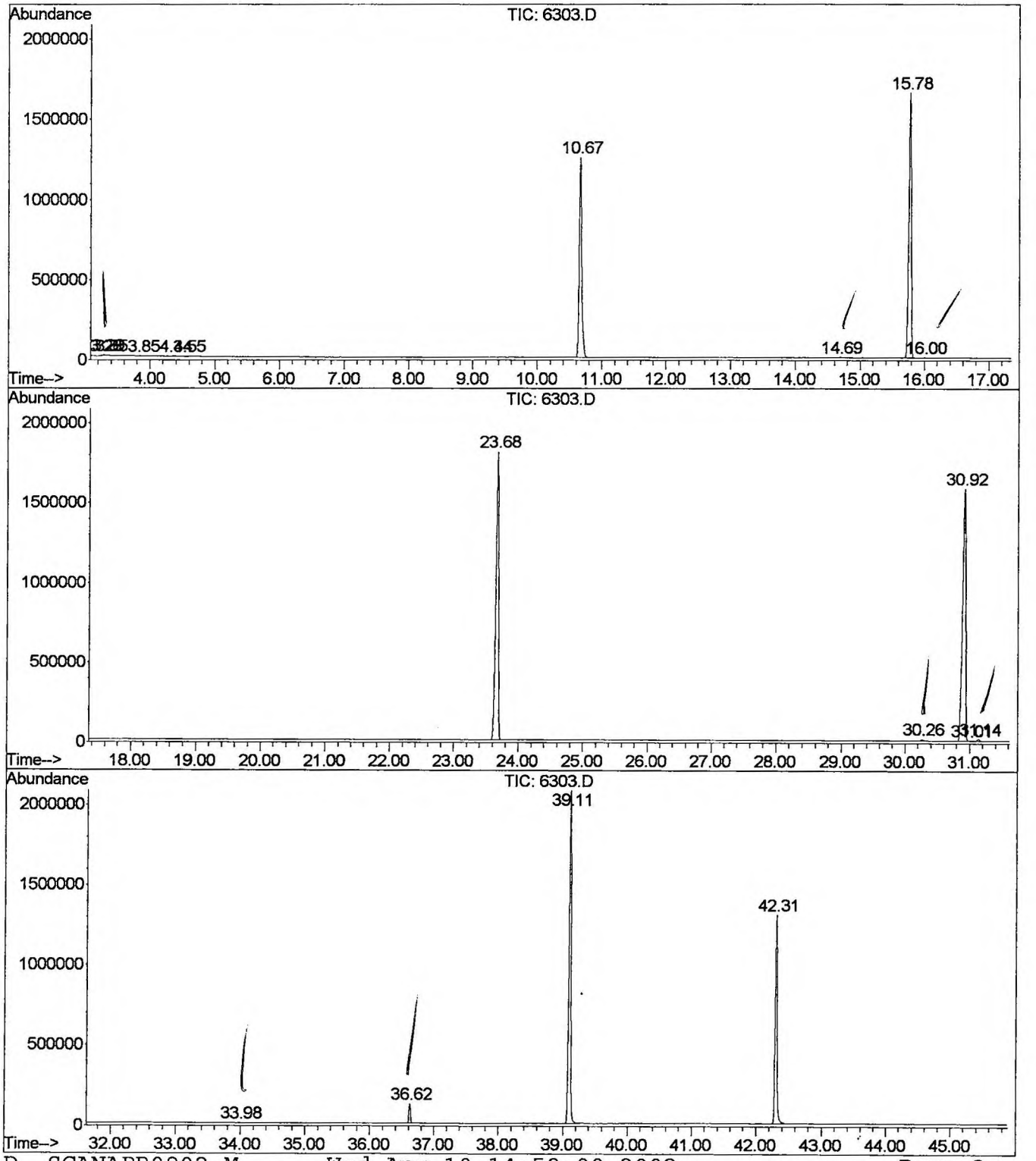
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.256	20	30	32	PV 3	3496	78838	0.15%	0.031%
2	3.291	32	36	44	VV 4	5634	156737	0.30%	0.061%
3	3.350	44	46	55	VV 4	2329	50995	0.10%	0.020%
4	3.849	128	131	134	PV 4	2303	25657	0.05%	0.010%
5	4.337	211	214	216	PV 2	1887	17312	0.03%	0.007%
6	4.548	246	250	258	VV 4	3465	49967	0.09%	0.020%
7	10.665	1277	1291	1311	PV	1231622	33544337	63.51%	13.134%
8	14.689	1967	1976	1988	VV 2	3217	78851	0.15%	0.031%
9	15.782	2146	2162	2177	PV	1636736	43861491	83.05%	17.173%
10	16.006	2193	2200	2205	PV 2	2328	52950	0.10%	0.021%
11	23.679	3487	3506	3519	PV	1787967	51350712	97.23%	20.106%
12	30.266	4617	4627	4635	VV 2	9251	221851	0.42%	0.087%
13	30.918	4717	4738	4752	PV 2	1570866	52814118	100.00%	20.679%
14	31.006	4752	4753	4759	VV	2060	34478	0.07%	0.013%
15	31.135	4767	4775	4785	VV 3	11502	289232	0.55%	0.113%
16	33.985	5254	5260	5263	VV 2	2360	46865	0.09%	0.018%
17	36.623	5702	5709	5716	VV	121299	1975570	3.74%	0.774%
18	39.108	6118	6132	6158	PV 2	2097863	43967821	83.25%	17.215%
19	42.311	6666	6677	6708	PV 2	1271063	26787620	50.72%	10.488%

Sum of corrected areas: 255405402

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020408\6303.D
Operator : McLean
Acquired : 8 Apr 2002 8:11 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 3/18
Misc Info :
Vial Number: 11
Quant File :SCANAPR0902.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6303.D
Acq On : 8 Apr 2002 8:11 pm
Sample : 3/18
Misc :
MS Integration Params: LSCINT.e

Vial: 11
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

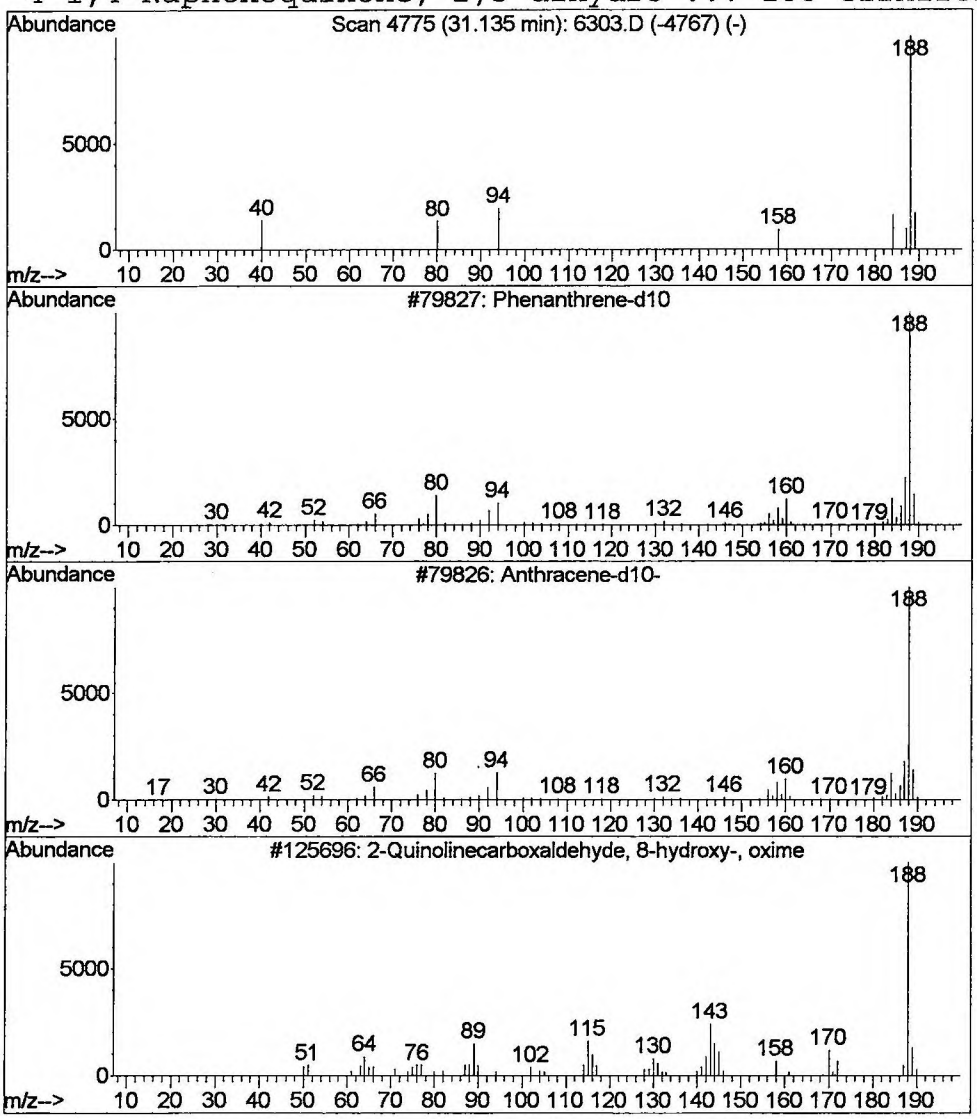
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

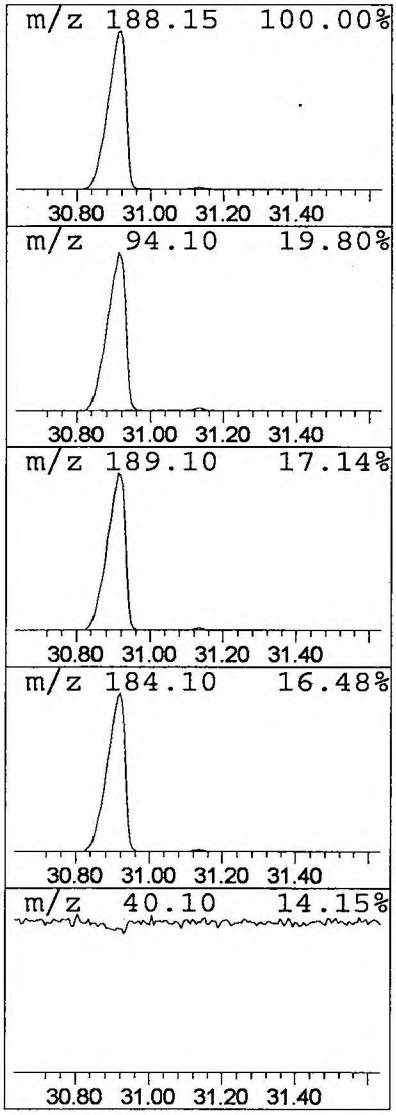
****

Peak Number 1 Phenanthrene-d10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.14	0.11 ug/l	289232	Phenanthrene-d10	30.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	56
2	Anthracene-d10-	188	C14D10	001719-06-8	56
3	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	45
4	1,4-Naphthoquinone, 2,3-dihydro-...	188	C12H12O2	1000157-22-3	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 8 Apr 2002 8:11 pm
Data File: C:\MSDCHEM\1\DATA\020408\6303.D
Name: 3/18
Misc:
Method: C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene-d10	31.14	0.1	ug/l	289232	4	30.92	52814100	20.0