User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 15:48:04

Sample: AE06305
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/17/02 15:47 Ended: 4/17/02 15:47 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		104		5.0

Comments for Sample AE06305 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-17-2002 Time: 15:48:21

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6305.D Vial: 13
Acq On : 8 Apr 2002 10:02 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:15:07 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	8064028	20.00	ug/l	0.00
10) Naphthalene-d8	15.79	136	29743111	20.00	ug/l	0.00
17) Acenaphthene-d10	23.69	164	17220828	20.00	ug/l	0.02
31) Phenanthrene-d10	30.93	188	27996053	20.00	ug/l	0.03
39) Chrysene-d12	39.11	240	17801298	20.00	ug/l	0.00
45) Perylene-d12	42.31	264	8961996	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	488374	1.56	ug/ml	0.00
Spiked Amount 5.000			Recovery =	31.20%		
Target Compounds			5.1933 = ~~[illegible]~~ 104%			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.		
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\6305.D Vial: 13
Acq On : 8 Apr 2002 10:02 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:15:07 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

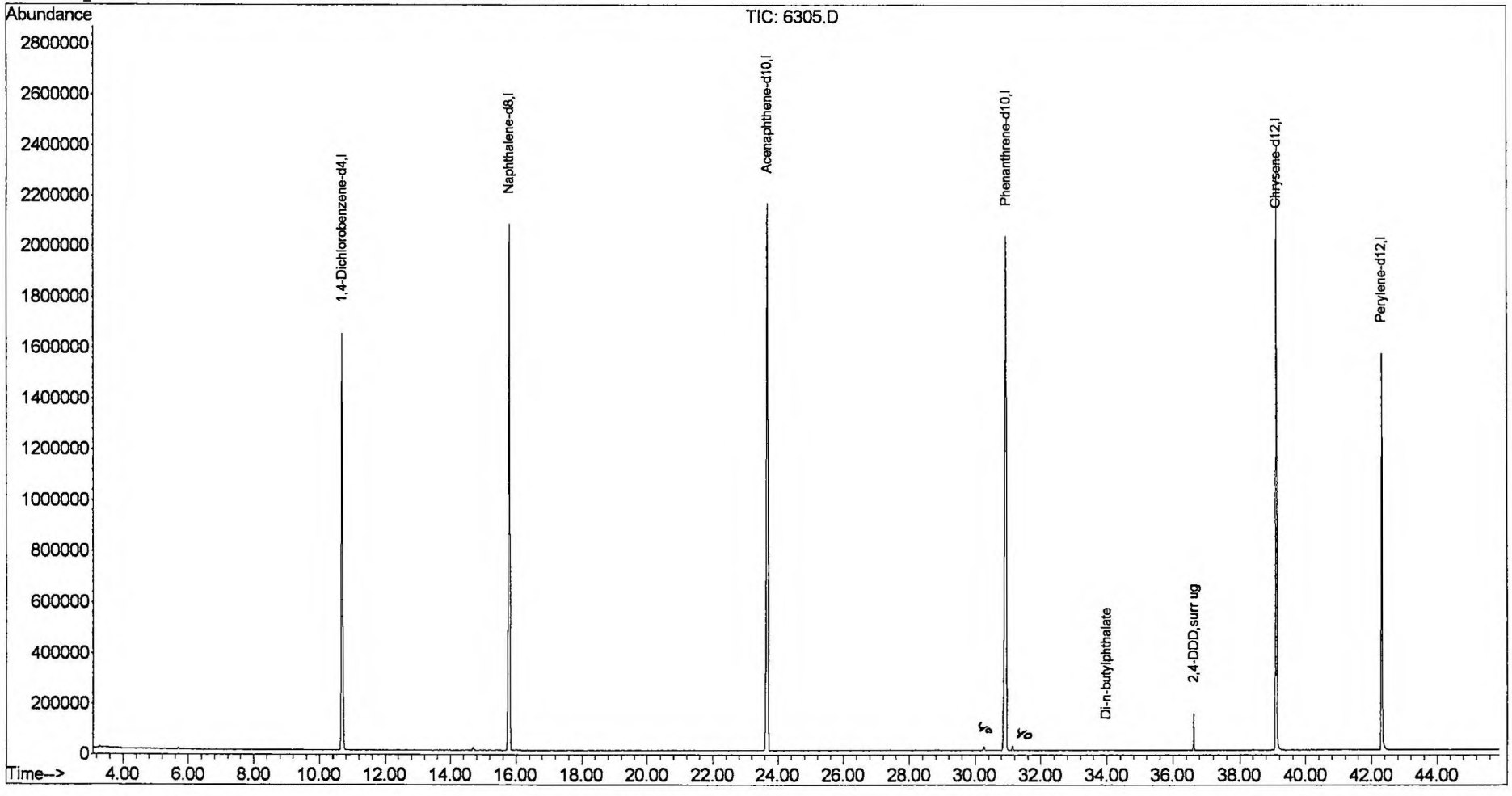
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Phenanthrene	0.00	178	0	N.D.	
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	33.98	149	33075	0.02 ug/l	79
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Buthylbenzylphthalate	0.00	149	0	N.D.	
42)	Benz(a)anthracene	0.00	228	0	N.D. d	
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\6305.D Vial: 13
Acq On : 8 Apr 2002 10:02 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 9 15:15 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 15:05:54 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020408\6305.D Vial: 13
Acq On : 8 Apr 2002 10:02 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

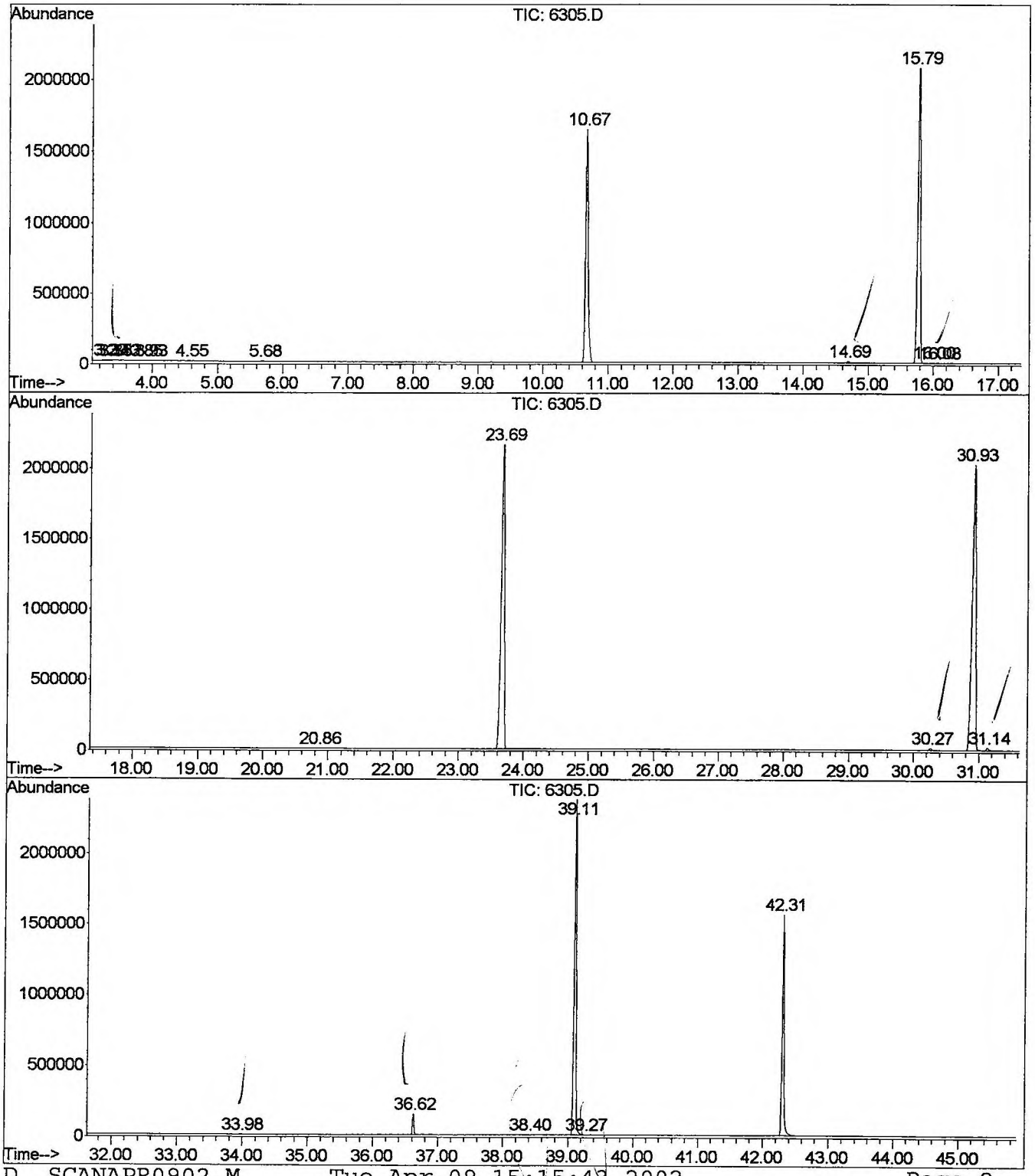
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.291	15	36	42	PV 6	7042	244533	0.34%	0.074%
2	3.338	42	44	49	VV 3	4009	86905	0.12%	0.026%
3	3.385	49	52	55	VV 3	3529	66720	0.09%	0.020%
4	3.520	72	75	79	VV 3	4571	72021	0.10%	0.022%
5	3.855	118	132	135	VV 3	3648	84764	0.12%	0.026%
6	3.931	139	145	147	VV 2	2310	35061	0.05%	0.011%
7	4.548	246	250	257	VV 4	3491	54461	0.08%	0.017%
8	5.682	439	443	452	PV 2	3961	84486	0.12%	0.026%
9	10.670	1280	1292	1317	PV	1620906	45015153	62.33%	13.647%
10	14.695	1967	1977	1984	BV 2	10570	251137	0.35%	0.076%
11	15.794	2143	2164	2183	VV	2085304	58474782	80.97%	17.728%
12	15.999	2192	2199	2209	PV 2	3927	92755	0.13%	0.028%
13	16.082	2209	2213	2216	PV	1521	18224	0.03%	0.006%
14	20.859	3015	3026	3034	VV 2	1896	48079	0.07%	0.015%
15	23.691	3488	3508	3525	VV	2146655	69453419	96.17%	21.056%
16	30.265	4618	4627	4638	PV 3	12793	319205	0.44%	0.097%
17	30.935	4717	4741	4754	PV 2	2041230	72219357	100.00%	21.895%
18	31.141	4766	4776	4792	VV 2	16738	393655	0.55%	0.119%
19	33.985	5251	5260	5265	VV 2	1975	58926	0.08%	0.018%
20	36.623	5702	5709	5717	VV	145872	2231032	3.09%	0.676%
21	38.403	6003	6012	6015	VV	2520	42318	0.06%	0.013%
22	39.114	6116	6133	6157	PV 2	2345689	50703985	70.21%	15.372%
23	39.267	6157	6159	6163	VV	1436	14841	0.02%	0.004%
24	42.316	6667	6678	6709	PV	1529813	29779531	41.23%	9.028%

Sum of corrected areas: 329845351

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020408\6305.D
Operator : McLean
Acquired : 8 Apr 2002 10:02 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 3/18
Misc Info :
Vial Number: 13
Quant File :SCANAPR0902.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6305.D Vial: 13
Acq On : 8 Apr 2002 10:02 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

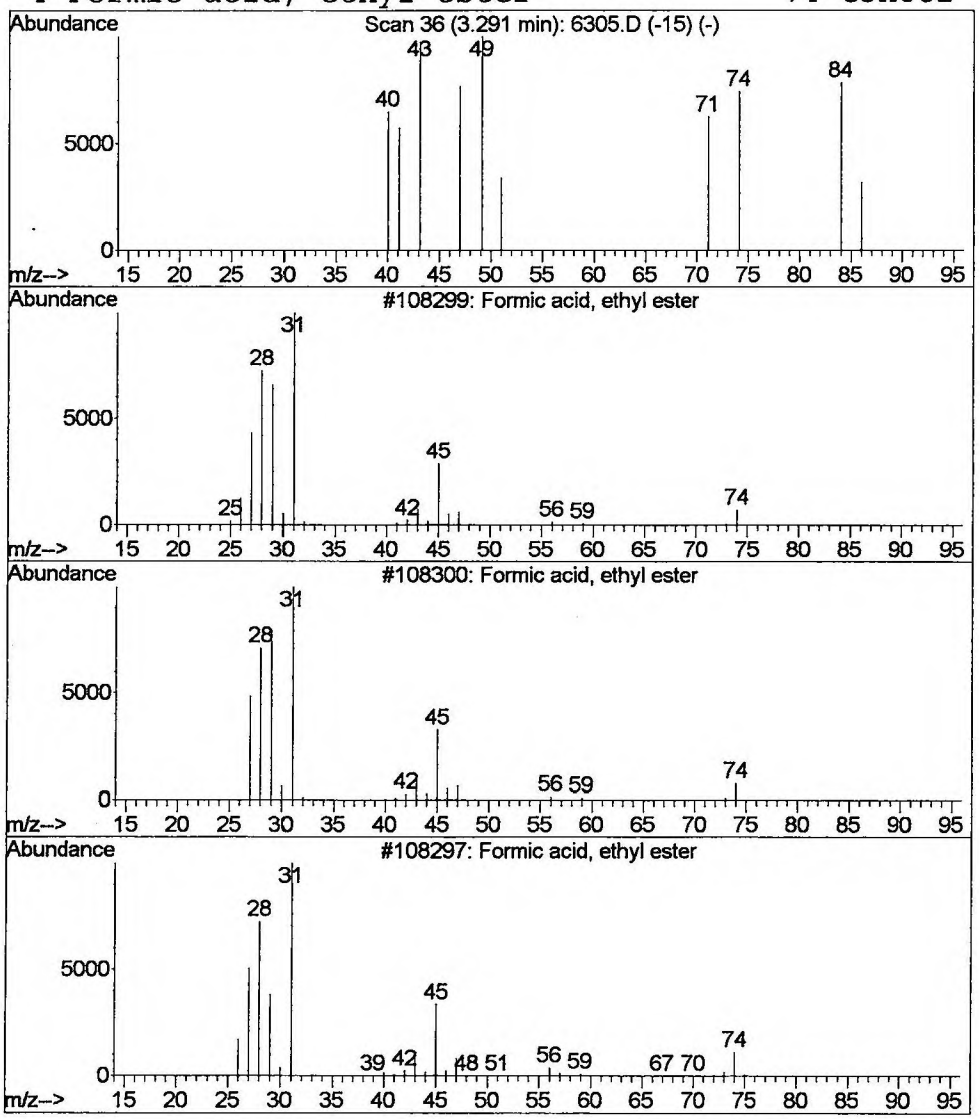
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

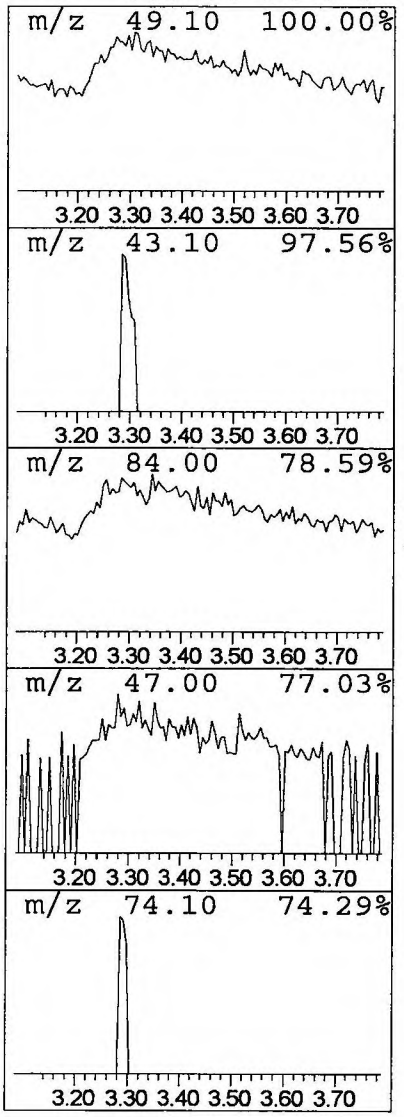
****

Peak Number 1 Formic acid, ethyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	0.11 ug/l	244533	1,4-Dichlorobenzene-d4	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4
2	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4
3	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	3
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	3





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6305.D Vial: 13
Acq On : 8 Apr 2002 10:02 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

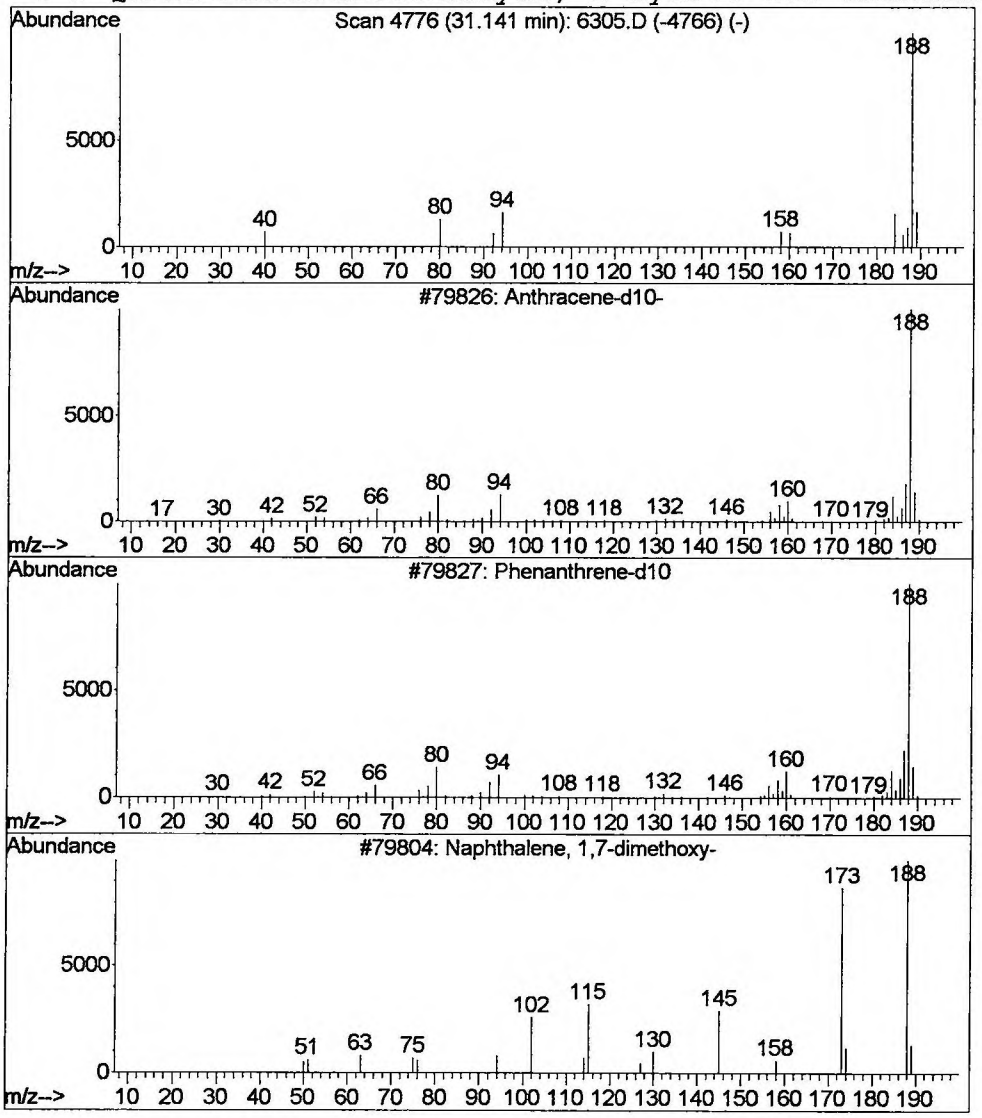
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

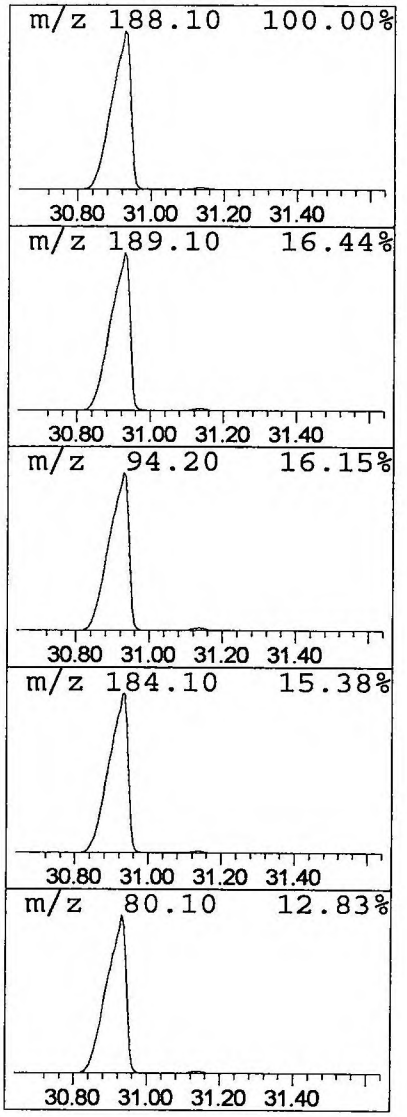
****

Peak Number 2 Anthracene-d10- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.14	0.11 ug/l	393655	Phenanthrene-d10	30.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	45
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	45





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 8 Apr 2002 10:02 pm
Data File: C:\MSDCHEM\1\DATA\020408\6305.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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Formic acid, ethy...	3.29	0.1	ug/l	244533	1	10.67	45015200	20.0
Anthracene-d10-	31.14	0.1	ug/l	393655	4	30.93	72219400	20.0