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User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 08:27:36

Sample: AE06307
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/02 08:27 Ended: 4/18/02 08:27 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		113		5.0

Comments for Sample AE06307 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 08:27:49

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

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6307.D Vial: 15
Acq On : 8 Apr 2002 11:54 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:17:00 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	7589702	20.00	ug/l	0.00
10) Naphthalene-d8	15.79	136	28090992	20.00	ug/l	0.00
17) Acenaphthene-d10	23.69	164	16194939	20.00	ug/l	0.02
31) Phenanthrene-d10	30.93	188	26531845	20.00	ug/l	0.02
39) Chrysene-d12	39.11	240	19175151	20.00	ug/l	0.00
45) Perylene-d12	42.31	264	9163700	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	533119	1.80	ug/ml	0.00
Spiked Amount 5.000			Recovery =	36.00%		
Target Compounds			5.669 = 113.4%			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	23.69	77	15434	0.30	ug/l #	X 1
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

NYC-WTC_000039375

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6307.D Vial: 15
Acq On : 8 Apr 2002 11:54 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 09 15:17:00 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	60473	0.04 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

NYC-WTC_000039376

NYC-WTC_000039377

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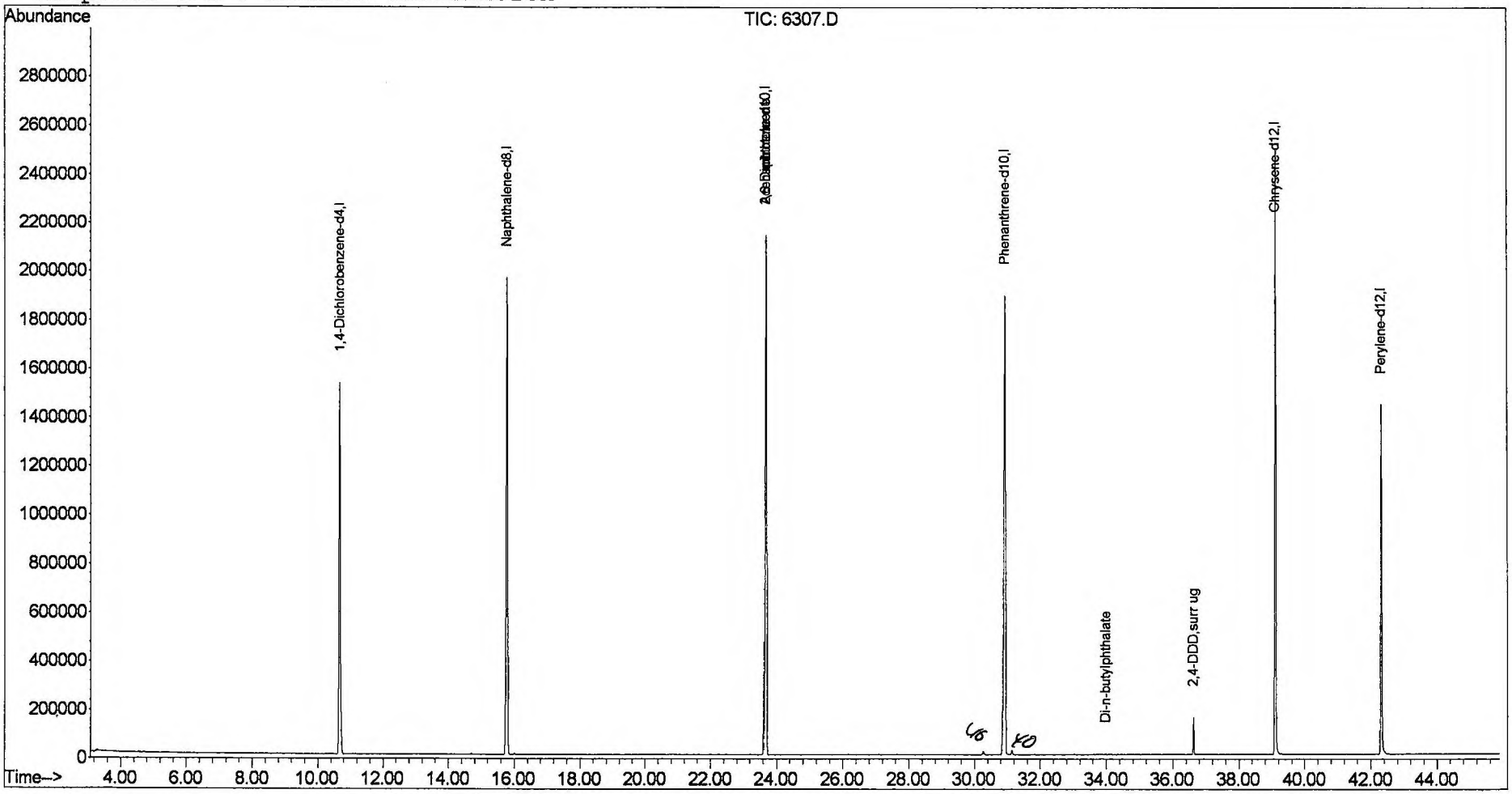
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6307.D Vial: 15
Acq On : 8 Apr 2002 11:54 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 9 15:17 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



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LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020408\6307.D Vial: 15
Acq On : 8 Apr 2002 11:54 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	21	36	47	PV 5	7582	382451	0.56%	0.119%
2	3.367	47	49	56	VV 2	4217	120023	0.18%	0.037%
3	3.420	56	58	60	VV 2	3835	49427	0.07%	0.015%
4	3.443	60	62	64	VV 3	4314	45987	0.07%	0.014%
5	3.855	129	132	136	VV 2	3286	51411	0.08%	0.016%
6	4.548	243	250	260	VV 4	3322	88575	0.13%	0.028%
7	4.859	297	303	310	PV 4	1582	31926	0.05%	0.010%
8	6.740	616	623	627	VV	1795	21802	0.03%	0.007%
9	10.670	1276	1292	1316	PV	1523752	42376170	61.90%	13.226%
10	14.689	1969	1976	1984	PV 3	3212	66398	0.10%	0.021%
11	15.788	2146	2163	2177	VV	1937557	55035206	80.40%	17.177%
12	16.000	2192	2199	2208	PV 2	3396	83276	0.12%	0.026%
13	20.847	3016	3024	3026	PV	736	2721	0.00%	0.001%
14	23.685	3487	3507	3518	VV	2093793	65253230	95.32%	20.366%
15	30.265	4612	4627	4637	VV 3	12188	344526	0.50%	0.108%
16	30.929	4719	4740	4757	VV 2	1888139	68453792	100.00%	21.365%
17	31.141	4763	4776	4786	VV 2	17290	420206	0.61%	0.131%
18	33.979	5254	5259	5267	VV	3513	77964	0.11%	0.024%
19	36.623	5699	5709	5717	PV	151564	2464943	3.60%	0.769%
20	38.385	6006	6009	6020	VV 3	2116	45169	0.07%	0.014%
21	39.114	6116	6133	6166	PV 2	2517524	54547682	79.69%	17.025%
22	42.310	6661	6677	6711	PV 2	1423426	30439689	44.47%	9.500%

Sum of corrected areas: 320402576

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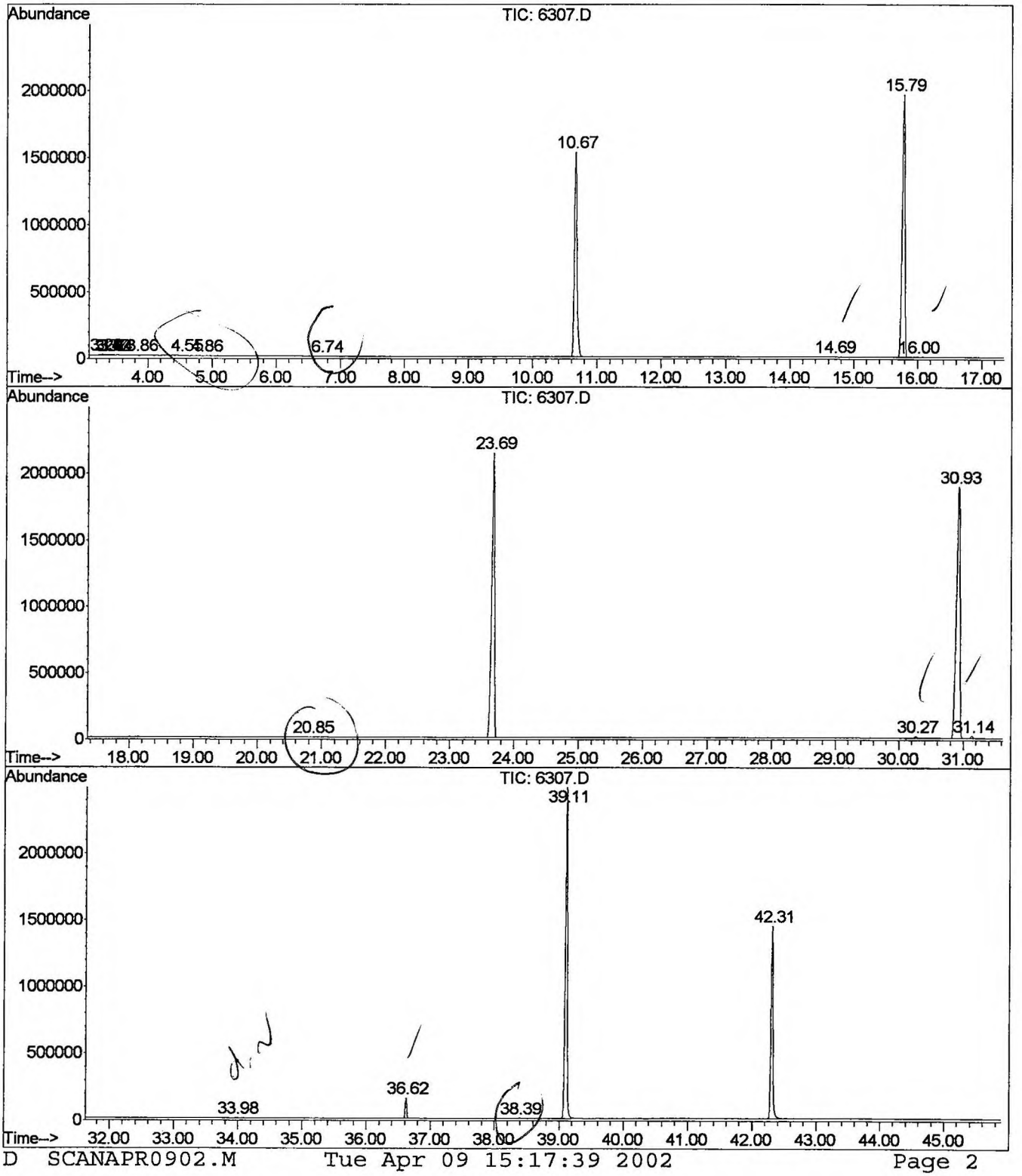
LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020408\6307.D
Operator : McLean
Acquired : 8 Apr 2002 11:54 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 3/18
Misc Info :
Vial Number: 15
Quant File :SCANAPR0902.RES (Chemstation Integrator)



NYC-WTC_000039379

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6307.D Vial: 15
Acq On : 8 Apr 2002 11:54 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

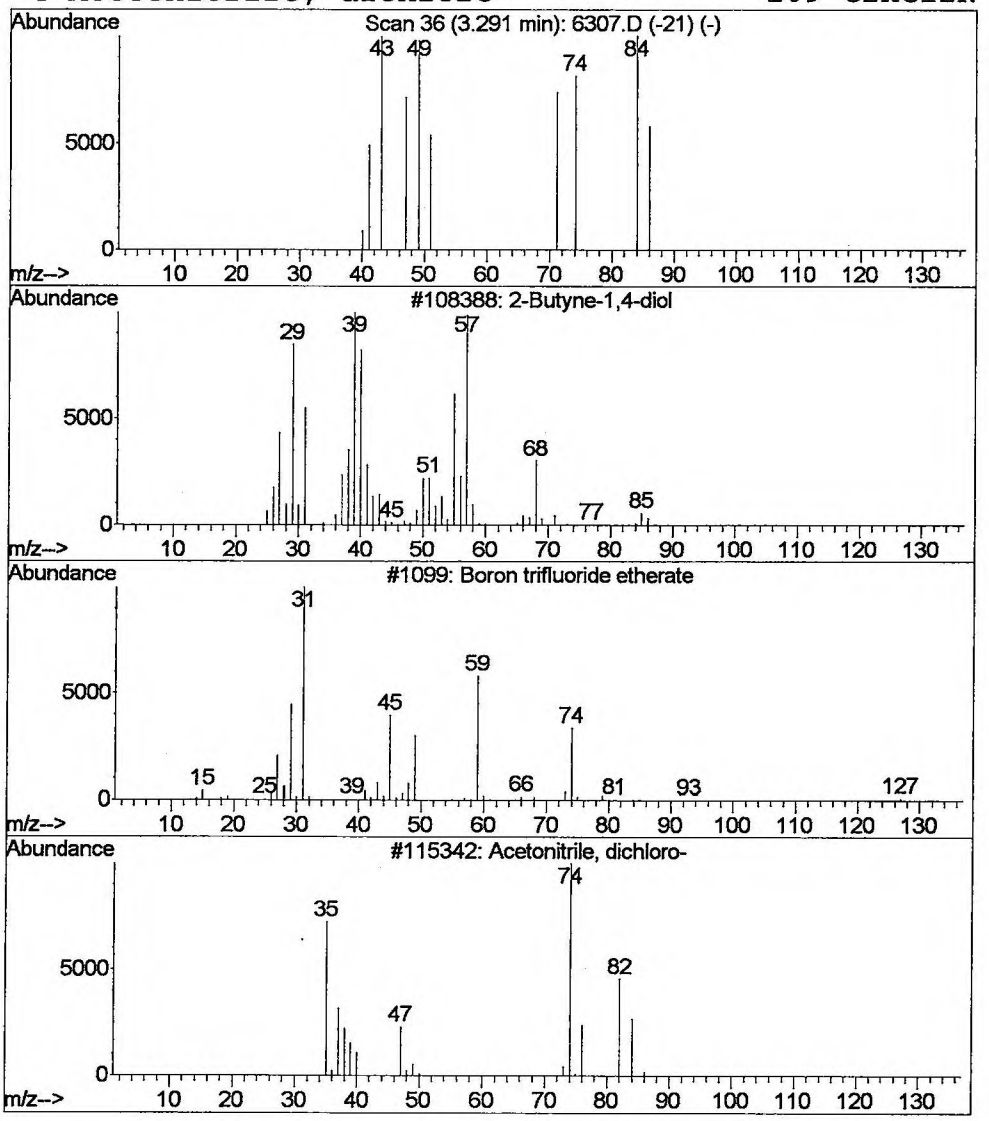
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

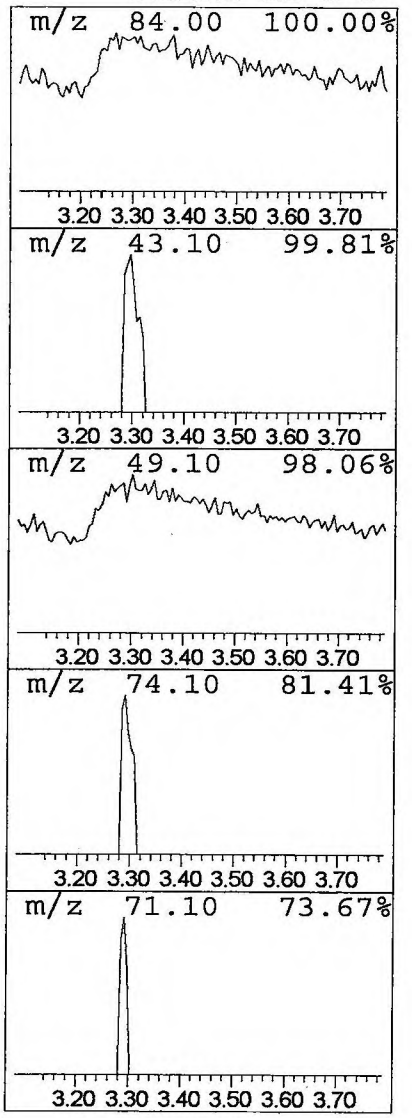
****

Peak Number 1 2-Butyne-1,4-diol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	0.18 ug/l	382451	1,4-Dichlorobenzene-d4	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	3
2	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	2
3	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	2
4	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	2





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Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6307.D Vial: 15
Acq On : 8 Apr 2002 11:54 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

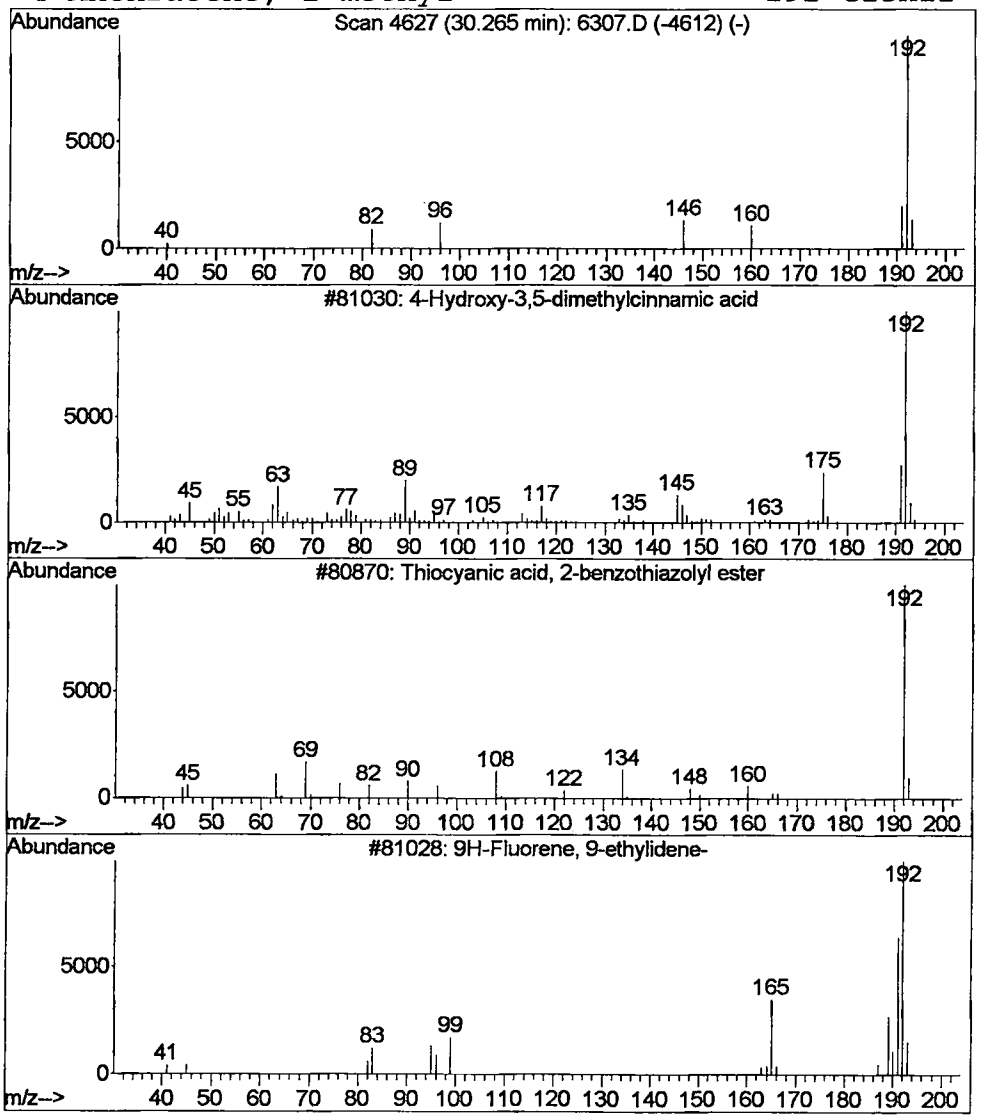
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

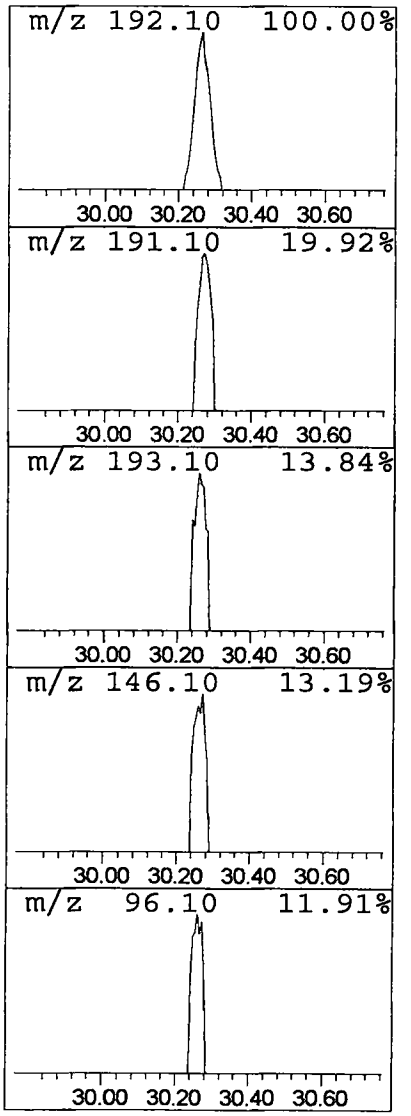
****

Peak Number 2 4-Hydroxy-3,5-dimethylcinna... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.27	0.10 ug/l	344526	Phenanthrene-d10	30.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	64
2	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	59
3	9H-Fluorene, 9-ethylidene-	192	C15H12	007151-64-6	36
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	36





NYC-WTC_000039381

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020408\6307.D Vial: 15
Acq On : 8 Apr 2002 11:54 pm Operator: McLean
Sample : 3/18 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

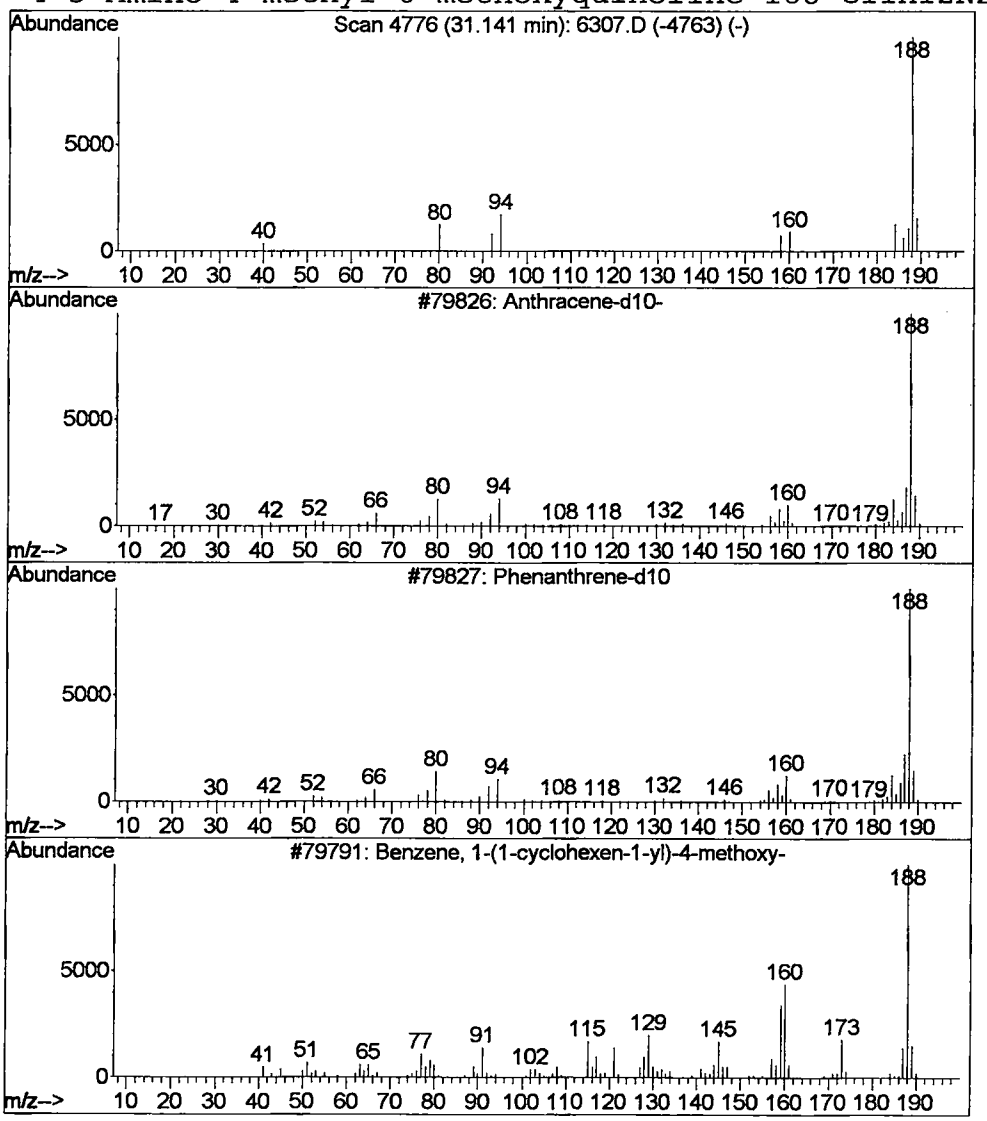
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

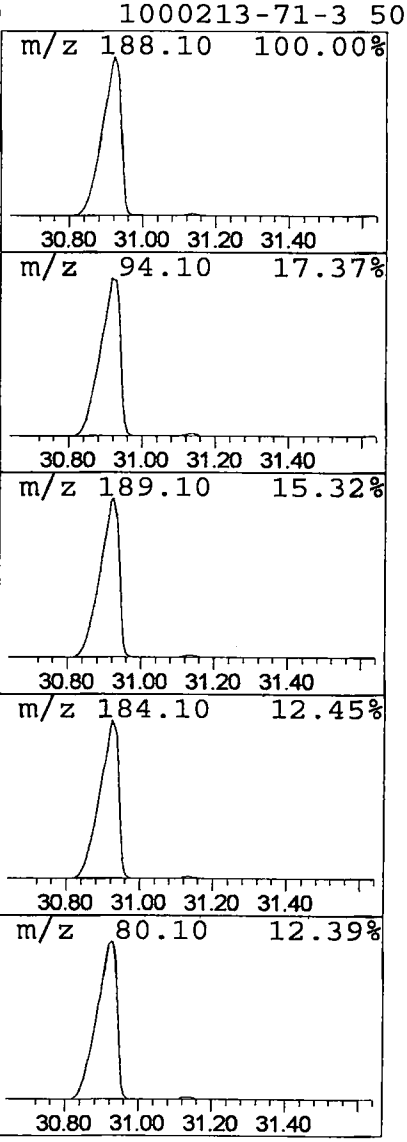
****

Peak Number 3 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.14	0.12 ug/l	420206	Phenanthrene-d10	30.93

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	72
3	Benzene, 1-(1-cyclohexen-1-yl)-4...	188	C13H16O	020758-60-5	50
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	50





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Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 8 Apr 2002 11:54 pm
Data File: C:\MSDCHEM\1\DATA\020408\6307.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
2-Butyne-1,4-diol	3.29	0.2	ug/l	382451	1	10.67	42376200	20.0
4-Hydroxy-3,5-dim...	30.27	0.1	ug/l	344526	4	30.93	68453800	20.0
Anthracene-d10-	31.14	0.1	ug/l	420206	4	30.93	68453800	20.0

NYC-WTC_000039383