User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 12:14:31

Sample: AE03386
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/12/02 12:13 Ended: 3/12/02 12:13 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		5.0

2/10/02 Scott
NYC DEP
Data MS

Comments for Sample AE03386 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-12-2002 Time: 12:31:33

The GCMS scan, from 35 to 550 amu, reveals the possible presence of Fluoranthene at an estimated level of 3.6 ug/l and with a fit of 86 out of 100; and Pyrene at an estimated level of 3.6 ug/L and with a fit of 83 out of 100. The recoveries of 5 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Data File : C:\HPCHEM\1\DATA\FEB2102\3386.D Vial: 48
Acq On : 23 Feb 2002 3:24 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 8:28 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	223993	20.00 ug/l	-0.02
10) Naphthalene-d8	15.97	136	857278	20.00 ug/l	-0.03
17) Acenaphthene-d10	21.28	164	452986	20.00 ug/l	-0.03
29) Phenanthrene-d10	25.74	188	641177	20.00 ug/l	-0.03
38) Chrysene-d12	33.80	240	421922	20.00 ug/l	-0.05
44) Perylene-d12	38.08	264	280739	20.00 ug/l	-0.04
System Monitoring Compounds					
37) 2,4-DDD	30.81	235	45137	~~6.74~~ 3.72 ug/mL	0.32
Spiked Amount 5.000			Recovery =	~~134.80%~~ 74%	
Target Compounds					Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	
3) bis(2-Chloroethyl)ether	11.59	93	381	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-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)methane	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	0.00	165	0	N.D.	
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	22.76	149	1577	N.D.	
26) 4-Chlorophenyl-phenylether	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.	

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

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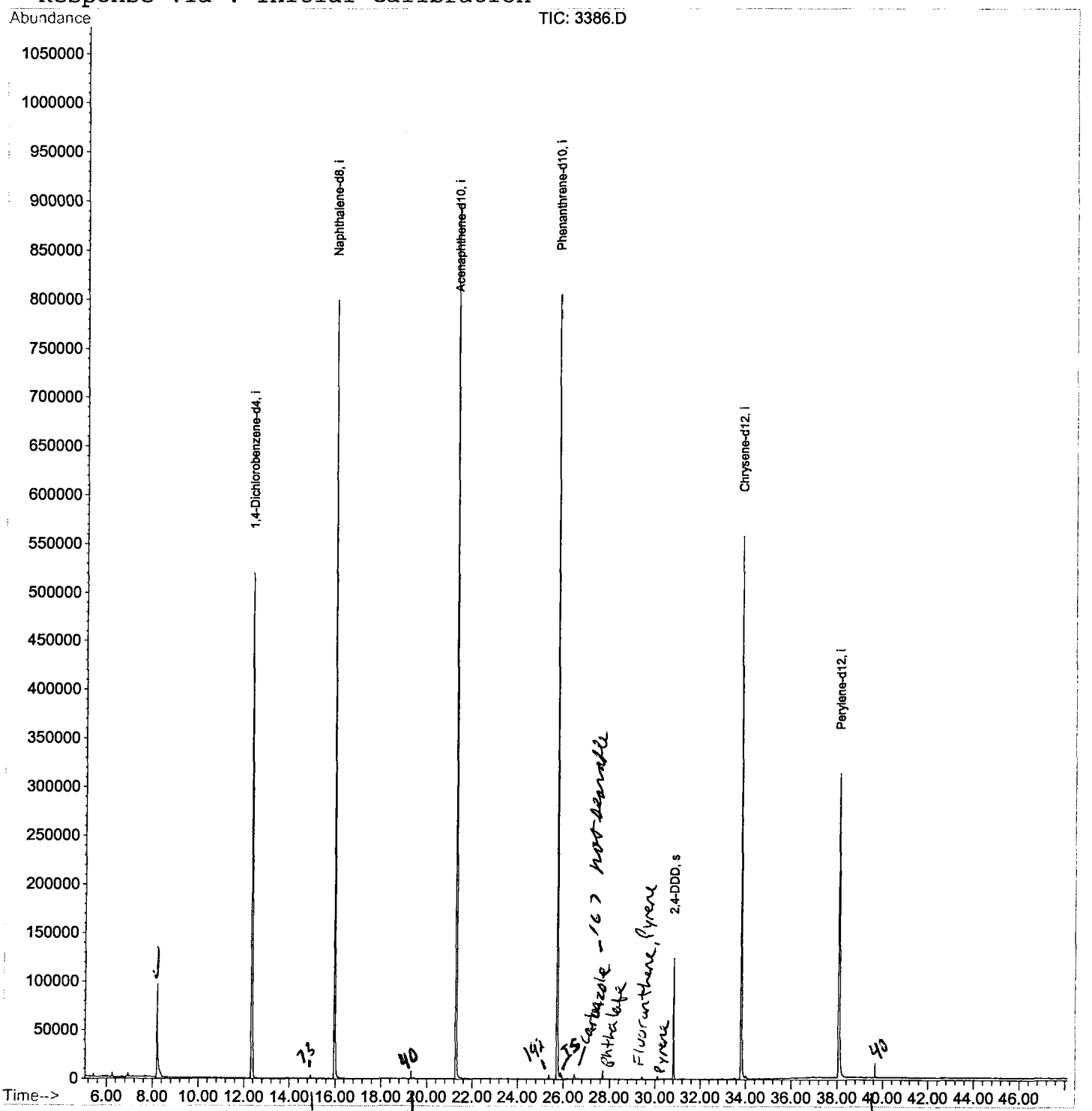
DataAcq Meth : GCMS0208

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.93	178	4059	N.D.	
34)	Anthracene	25.93	178	4059	N.D.	
35)	Di-n-butylphthalate	27.70	149	11121	N.D.	
36)	Fluoranthene	29.44	202	3692	N.D.	
39)	Pyrene	30.11	202	3978	N.D.	
40)	Butylbenzylphthalate	32.23	149	471	N.D.	
41)	Benzo(a)anthracene	33.80	228	1966	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	2777	N.D.	
43)	Chrysene	33.87	228	1153	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.95	252	1483	N.D.	
47)	Benzo(k)fluoranthene	36.95	252	1064	N.D.	
48)	Benzo(a)pyrene	38.07	252	1216	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
3386.D GCMS0208.M Fri Mar 08 09:21:05 2002 Page 2

Data File : C:\HPCHEM\1\DATA\FEB2102\3386.D Vial: 48
Acq On : 23 Feb 2002 3:24 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 8:28 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\FEB2102\3386.D Vial: 48
Acq On : 23 Feb 2002 3:24 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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	8.202	339	344	369	rBV	95866	278014	15.30%	2.971%
2	12.333	788	794	808	rBV	519069	1297759	71.43%	13.870%
3	15.969	1184	1190	1210	rBV	798762	1696440	93.37%	18.130%
4	21.284	1763	1769	1785	rBV	896885	1816889	100.00%	19.418%
5	25.737	2247	2254	2265	rBV2	804642	1725357	94.96%	18.439%
6	30.813	2802	2807	2813	rVB	124285	237929	13.10%	2.543%
7	33.797	3124	3132	3148	rBV2	557949	1303352	71.74%	13.929%
8	38.084	3590	3599	3620	rBV2	312084	1001121	55.10%	10.699%

Sum of corrected areas: 9356861

3386.D GCMS0208.M Fri Mar 08 09:43:22 2002

Data File : C:\HPCHEM\1\DATA\FEB2102\3386.D Vial: 48
Acq On : 23 Feb 2002 3:24 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

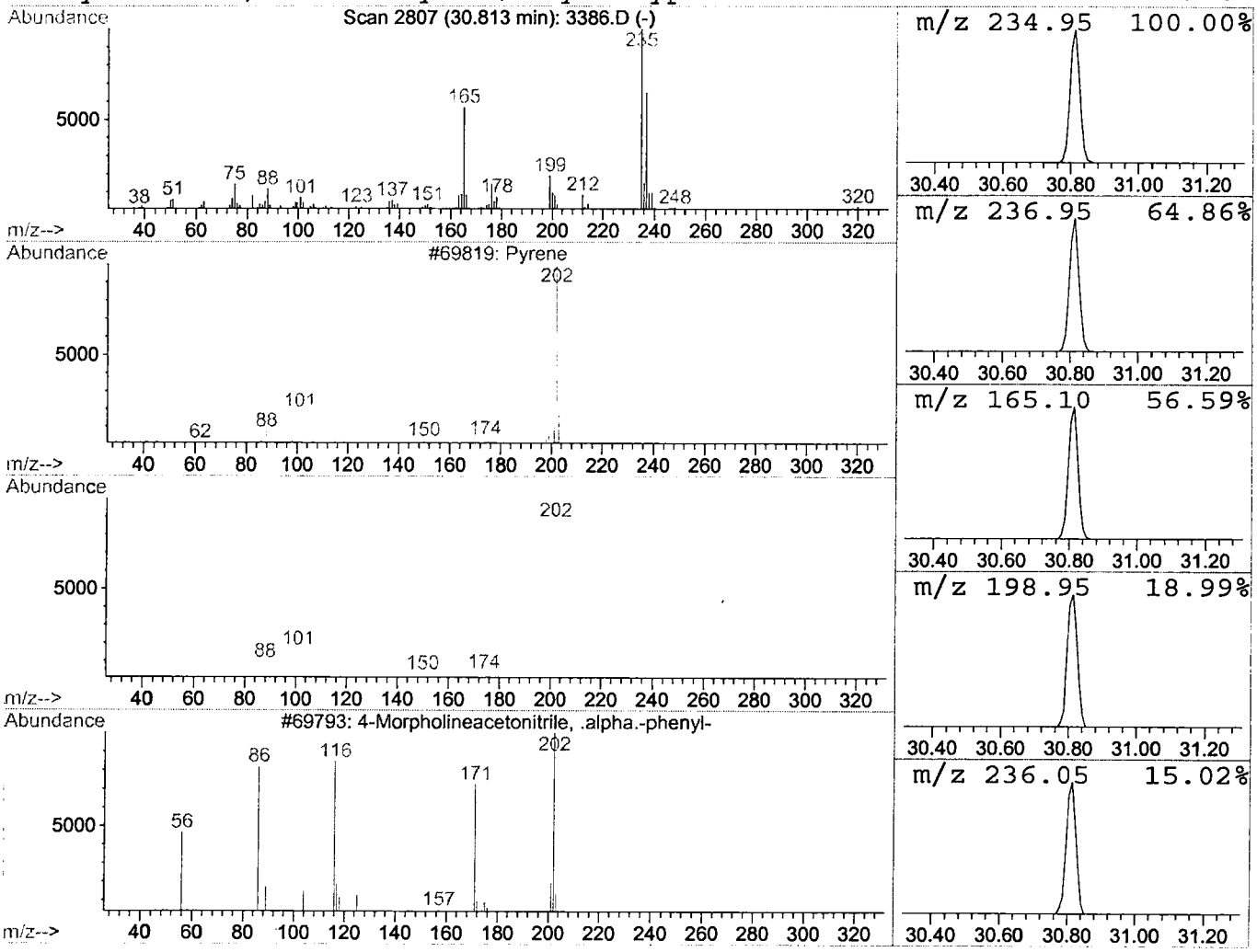
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.81	3.65 ug/l	237929	Chrysene-d12	33.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	83
2	Fluoranthene	202	C16H10	000206-44-0	64
3	4-Morpholineacetonitrile, .alpha.-p	202	C12H14N2O	015190-10-0	9
4	Pyrimidine, 4-methoxy-6-(2-hydroxyp	202	C11H10N2O2	097630-79-0	5



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Data File : C:\HPCHEM\1\DATA\FEB2102\3386.D              Vial: 48
Acq On    : 23 Feb 2002    3:24 pm                   Operator:
Sample    : gc/ms scan 1/14                          Inst    : GC/MS 209
Misc      :                                          Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Library      : C:\DATABASE\NBS75K.L
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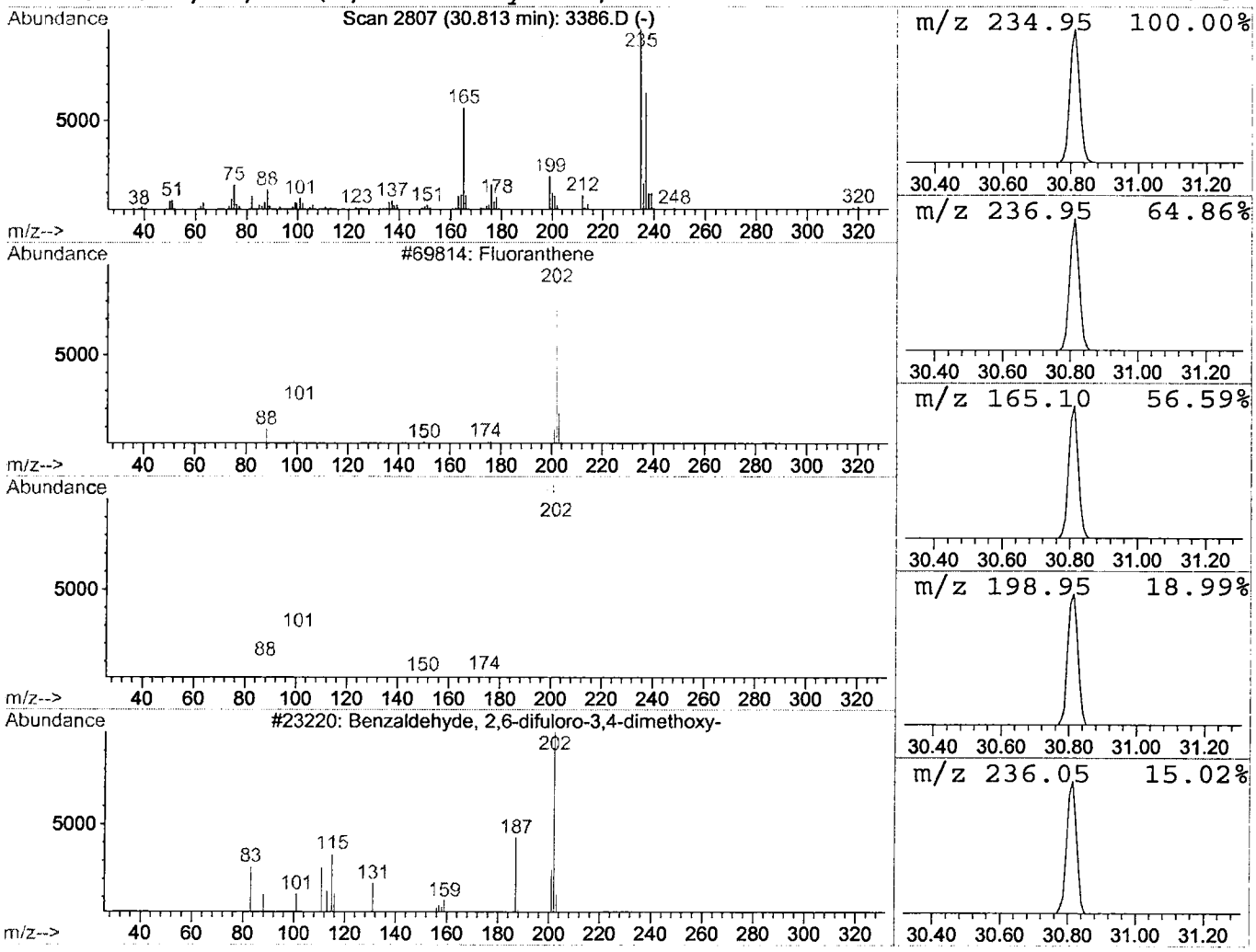
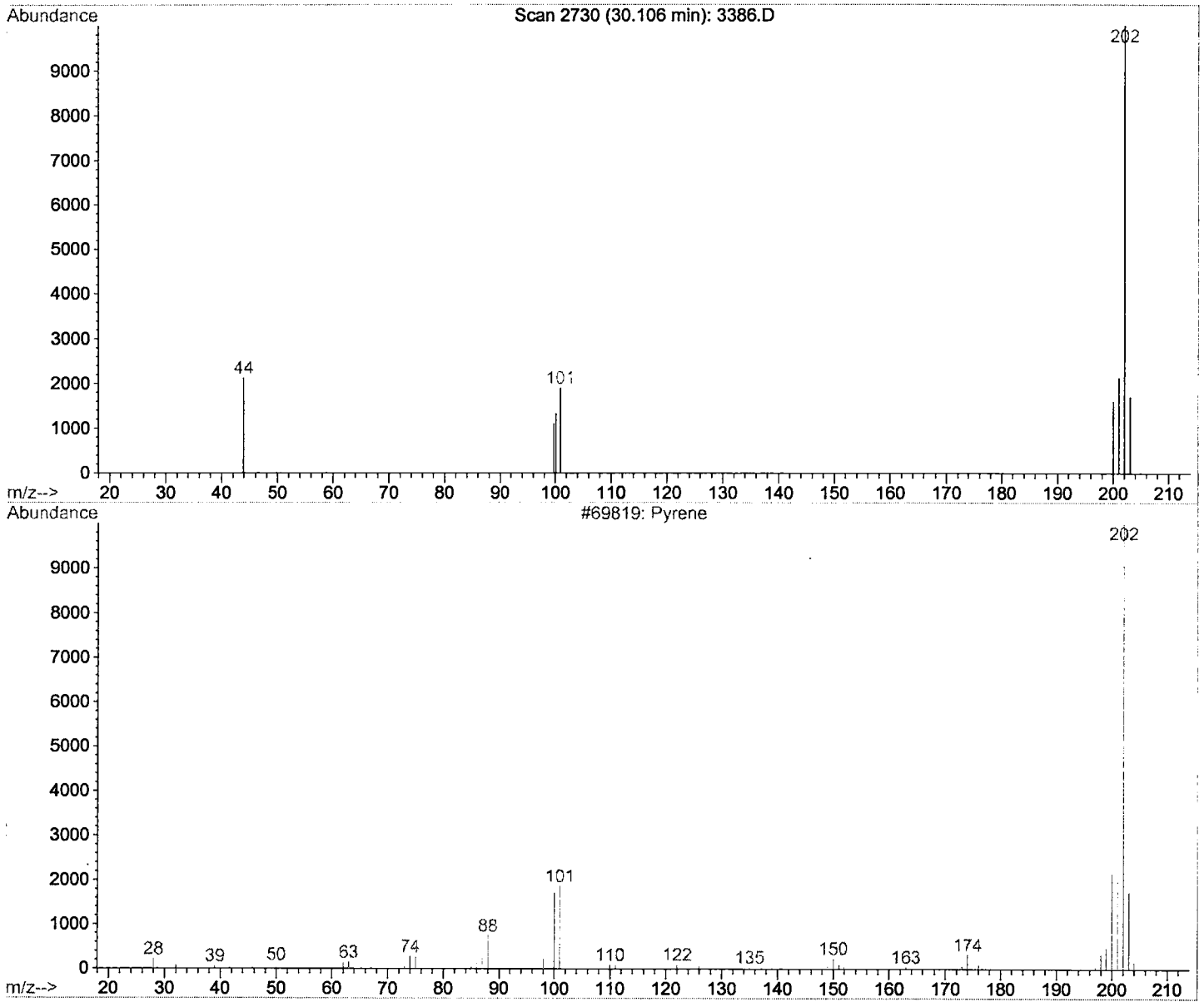
Peak Number 1 Fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.81	3.65 ug/l	237929	Chrysene-d12	33.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	86
2	Pyrene	202	C16H10	000129-00-0	86
3	Benzaldehyde, 2,6-difuloro-3,4-dime	202	C9H8F2O3	000000-00-0	9
4	Benzene, 1,1'-(1,3-butadiyne-1,4-di	202	C16H10	000886-66-8	7



Library Searched : C:\DATABASE\nbs75k.l
Quality : 83
ID : Pyrene



Library Searched : C:\DATABASE\nbs75k.l
Quality : 86
ID : Fluoranthene