LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103389.D
Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	15	rBV	207304	263932	7.43%	0.731%
2	5.110	511	514	526	rBV	72690	104527	2.94%	0.290%
3	5.504	577	581	602	rVB	3065830	3399603	95.67%	9.416%
4	6.516	749	753	772	rBV	2796348	3553524	100.00%	9.843%
5	6.651	772	776	780	rVV	3309262	3202342	90.12%	8.870%
6	6.698	782	784	790	rVB3	29072	36219	1.02%	0.100%
7	6.875	811	814	821	rBV	959721	915416	25.76%	2.536%
8	7.034	837	841	854	rVB	2650619	2396555	67.44%	6.638%
9	7.445	906	911	922	rBV	2151695	2127481	59.87%	5.893%
10	8.163	1029	1033	1052	rVB	1275107	1305977	36.75%	3.617%
11	8.880	1151	1155	1162	rBV	34142	39659	1.12%	0.110%
12	9.233	1211	1215	1224	rBV	2929896	2868314	80.72%	7.945%
13	9.304	1224	1227	1230	rVB	82234	74992	2.11%	0.208%
14	9.627	1276	1282	1288	rBV	200911	243116	6.84%	0.673%
15	9.780	1304	1308	1313	rBV	58009	70977	2.00%	0.197%
16	9.833	1313	1317	1320	rVV	178269	147363	4.15%	0.408%
17	9.922	1328	1332	1335	rBV	1167481	1092184	30.74%	3.025%
18	9.951	1335	1337	1344	rVB	93241	102619	2.89%	0.284%
19	10.122	1363	1366	1369	rBV2	49764	57043	1.61%	0.158%
20	10.157	1369	1372	1376	rVB4	44168	48166	1.36%	0.133%
21	10.333	1399	1402	1405	rVB	218470	167511	4.71%	0.464%
22	10.469	1422	1425	1430	rVB	55964	64431	1.81%	0.178%
23	10.551	1435	1439	1442	rBV2	64471	81877	2.30%	0.227%
24	10.716	1463	1467	1476	rBV	1445300	1552991	43.70%	4.301%
25	10.810	1480	1483	1493	rVB	165787	232712	6.55%	0.645%
26	10.957	1505	1508	1513	rVB2	42455	43499	1.22%	0.120%
27	11.221	1550	1553	1556	rBV2	35516	37284	1.05%	0.103%
28	11.257	1556	1559	1562	rVV	164399	155590	4.38%	0.431%
29	11.310	1566	1568	1573	rVB2	52528	54922	1.55%	0.152%
30	11.416	1582	1586	1588	rBV	959881	945429	26.61%	2.619%
31	11.439	1588	1590	1594	rVV	782681	655940	18.46%	1.817%
32	11.492	1596	1599	1603	rVB	201033	186704	5.25%	0.517%
33	11.651	1621	1626	1629	rBV	73083	97011	2.73%	0.269%
34	11.921	1668	1672	1674	rBV2	176653	203569	5.73%	0.564%

LSC Area Percent Report

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Data File : BF103389.D
Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.945	1674	1676	1681	rVV	166449	162784	4.58%	0.451%
36	11.992	1681	1684	1687	rVV	65679	65496	1.84%	0.181%
37	12.027	1687	1690	1693	rVV2	182867	213994	6.02%	0.593%
38	12.051	1693	1694	1697	rVB	86254	51454	1.45%	0.143%
39	12.210	1718	1721	1725	rBV	93202	96601	2.72%	0.268%
40	12.245	1725	1727	1732	rVB2	67352	72960	2.05%	0.202%
41	12.463	1761	1764	1769	rBV2	75708	104867	2.95%	0.290%
42	12.563	1777	1781	1784	rBV2	77448	101733	2.86%	0.282%
43	12.633	1789	1793	1797	rBV	1360800	1262192	35.52%	3.496%
44	12.698	1801	1804	1806	rBV2	31272	35914	1.01%	0.099%
45	12.863	1826	1832	1838	rBV	1098532	1339592	37.70%	3.710%
46	12.915	1838	1841	1845	rVB2	64539	75205	2.12%	0.208%
47	12.998	1850	1855	1858	rVV	1909141	1724396	48.53%	4.776%
48	13.027	1858	1860	1865	rVB	51187	47140	1.33%	0.131%
49	13.086	1865	1870	1873	rBV2	87803	159381	4.49%	0.441%
50	13.192	1881	1888	1894	rBV	183097	271152	7.63%	0.751%
51	13.257	1896	1899	1902	rBV	99130	79804	2.25%	0.221%
52	13.298	1904	1906	1908	rVB	85022	65876	1.85%	0.182%
53	13.392	1919	1922	1924	rBV	77470	81263	2.29%	0.225%
54	13.421	1925	1927	1930	rVV	76139	76094	2.14%	0.211%
55	13.710	1973	1976	1980	rBV	100602	110753	3.12%	0.307%
56	13.815	1992	1994	1996	rBV	92874	71387	2.01%	0.198%
57	13.839	1996	1998	2001	rVB	89017	62943	1.77%	0.174%
58	13.874	2001	2004	2009	rBV4	321058	411697	11.59%	1.140%
59	13.915	2009	2011	2018	rVB	104348	108566	3.06%	0.301%
60	14.068	2032	2037	2039	rBV2	759312	1118753	31.48%	3.099%
61	14.092	2039	2041	2048	rVB	504382	487685	13.72%	1.351%
62	15.133	2215	2218	2221	rBV	277723	390000	10.98%	1.080%
63	15.451	2269	2272	2276	rVB	150864	183697	5.17%	0.509%
64	15.515	2280	2283	2287	rVB	217802	257400	7.24%	0.713%
65	15.580	2291	2294	2297	rVB	246201	283540	7.98%	0.785%

Sum of corrected areas: 36103798

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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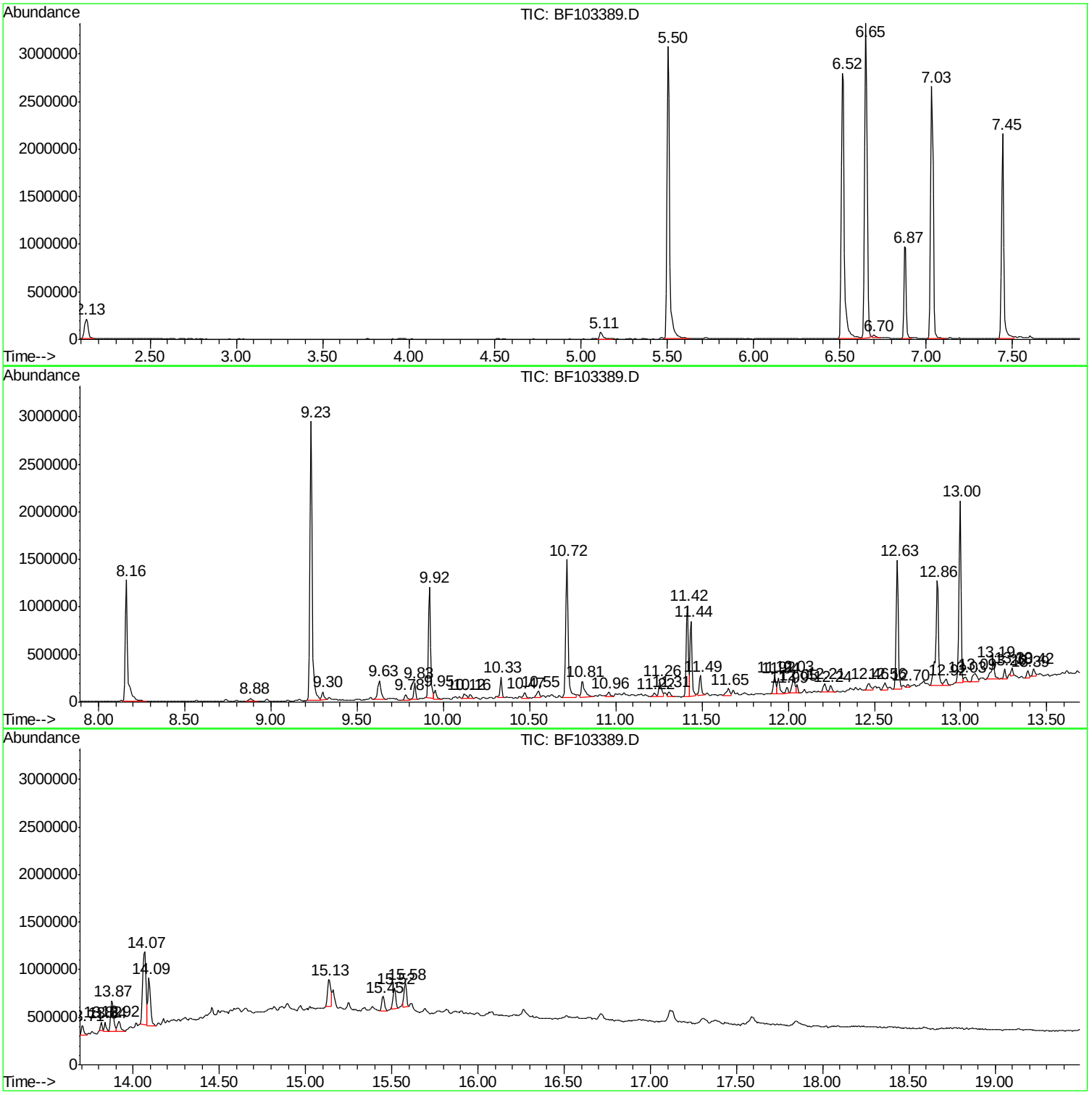
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BF103389.D
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Sample : J1724-11
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

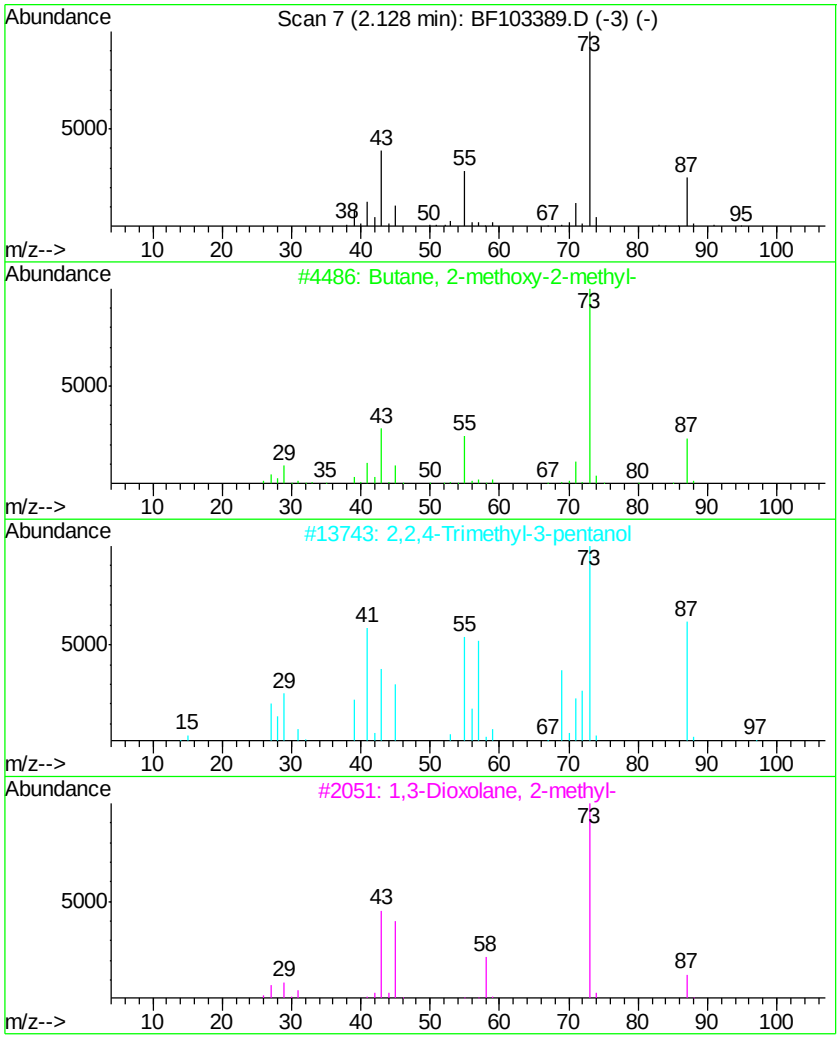
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

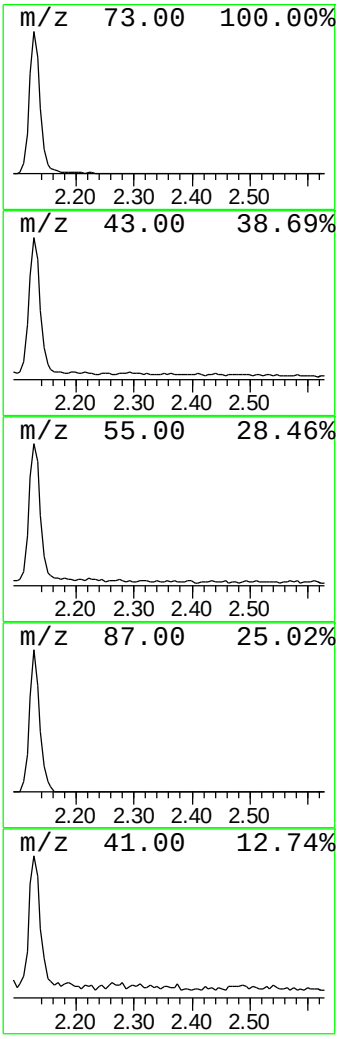
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	5.77 ng	263932	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103389.D
Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

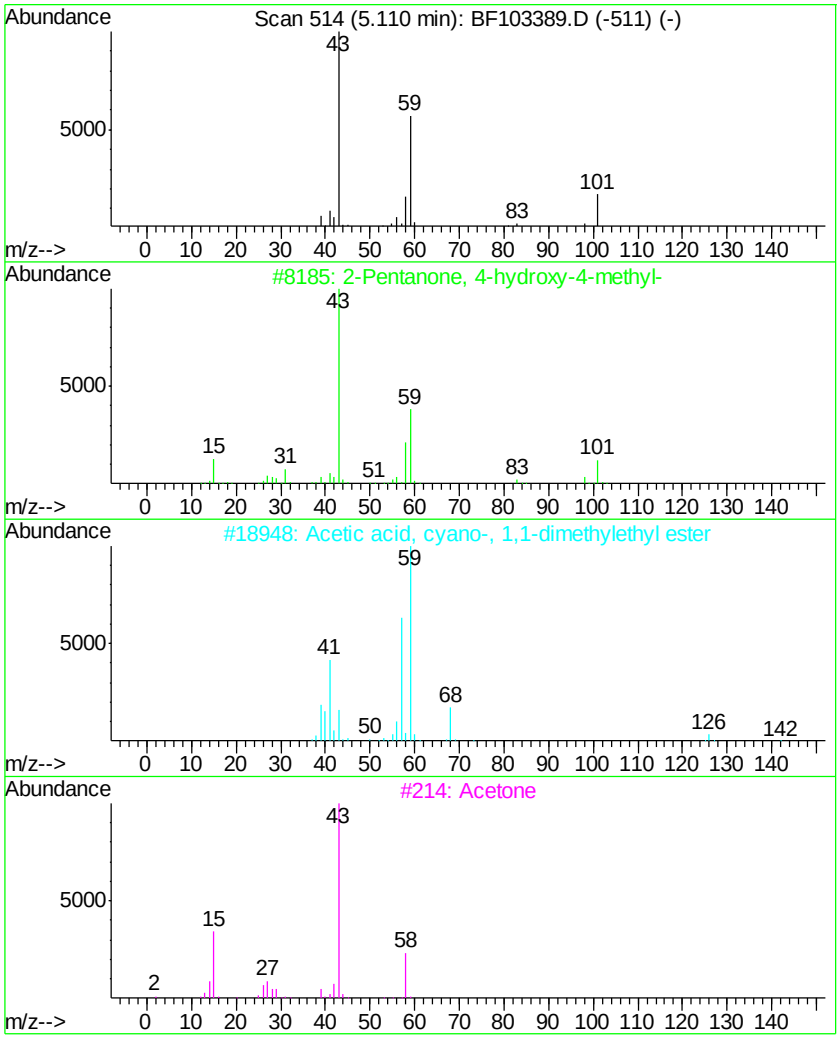
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

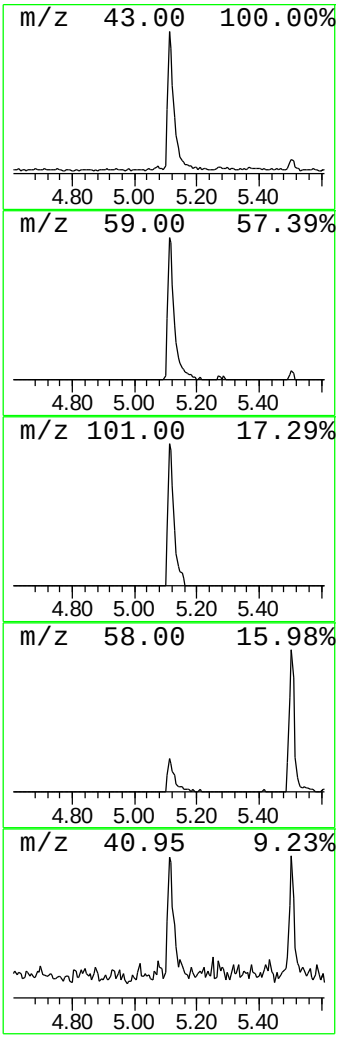
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.28 ng	104527	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Acetone	58	C3H6O	000067-64-1	12
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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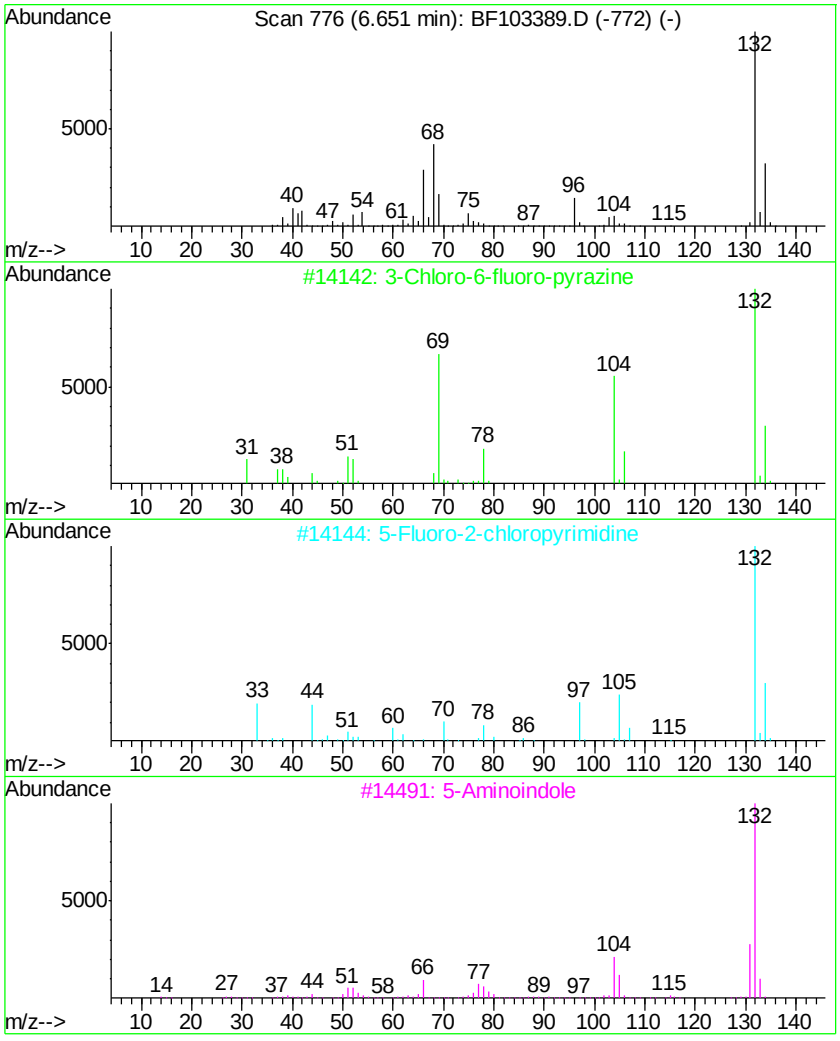
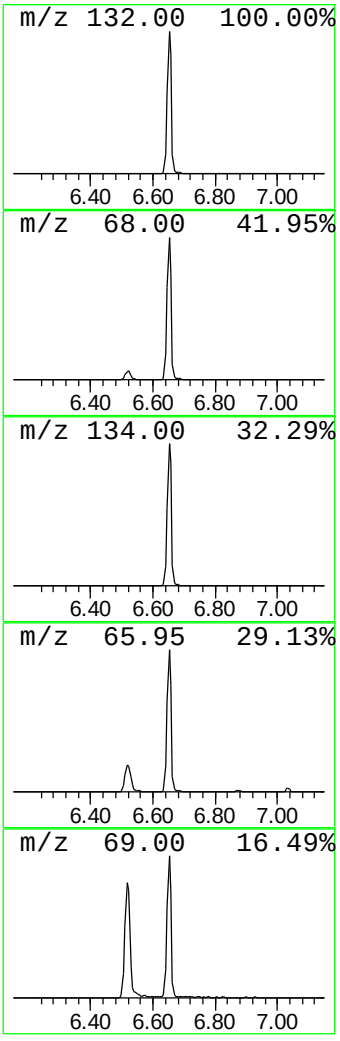
Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	69.96 ng	3202340	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

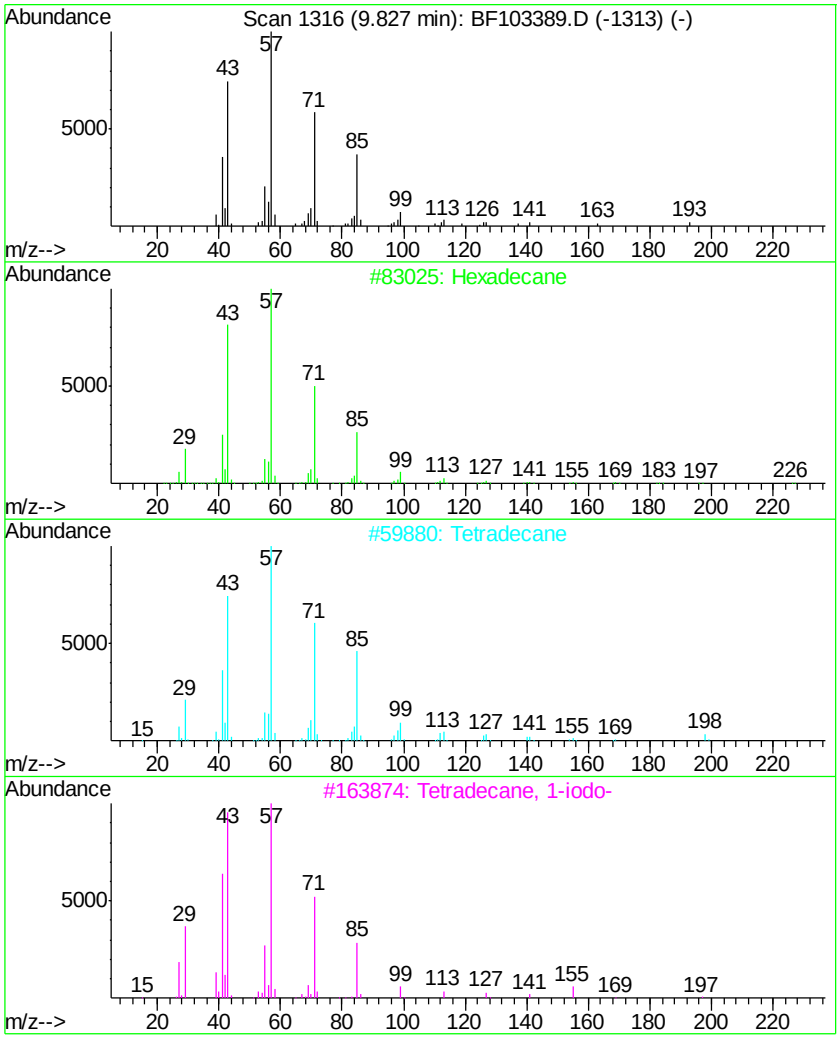
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

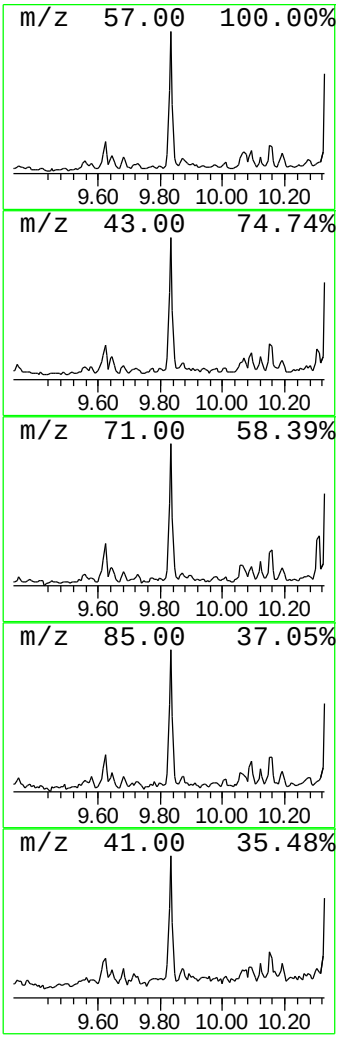
****

Peak Number 5 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.70 ng	147363	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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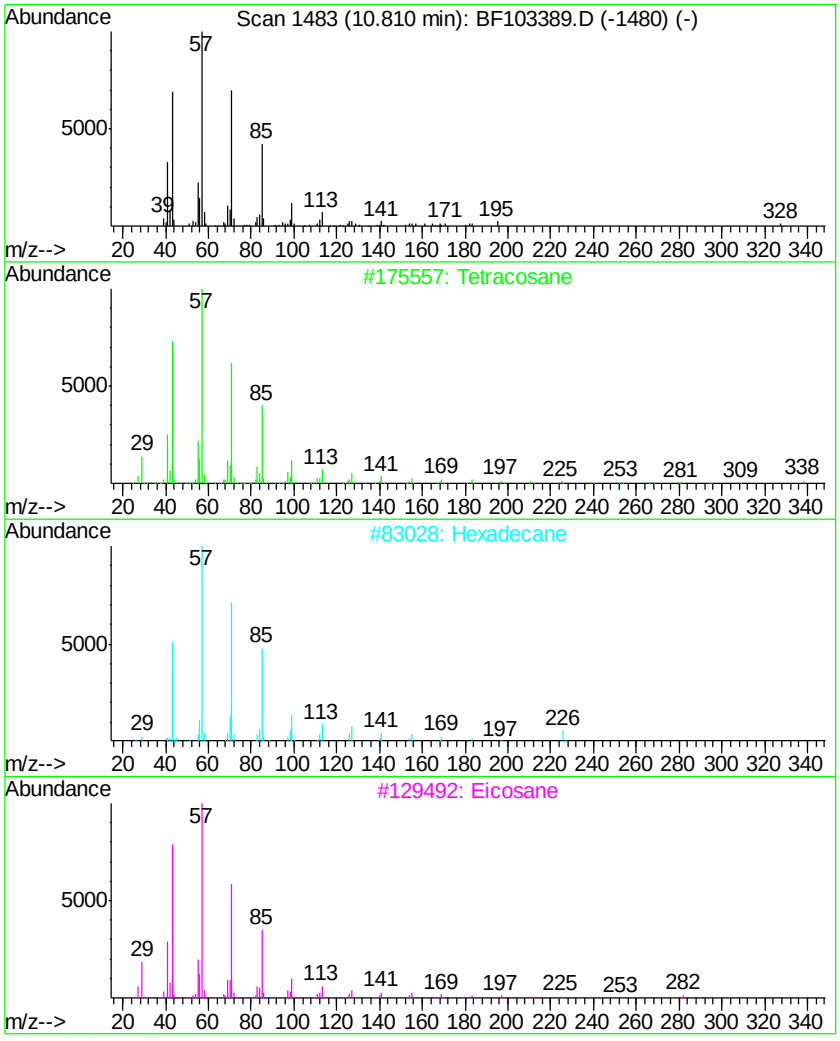
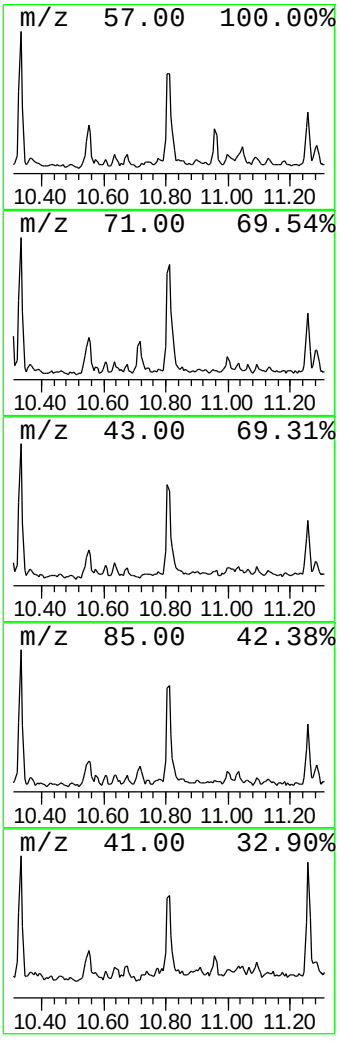
Peak Number 7 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	4.92 ng	232712	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Eicosane	282	C20H42	000112-95-8	80
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5	Tetradecane	198	C14H30	000629-59-4	64





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Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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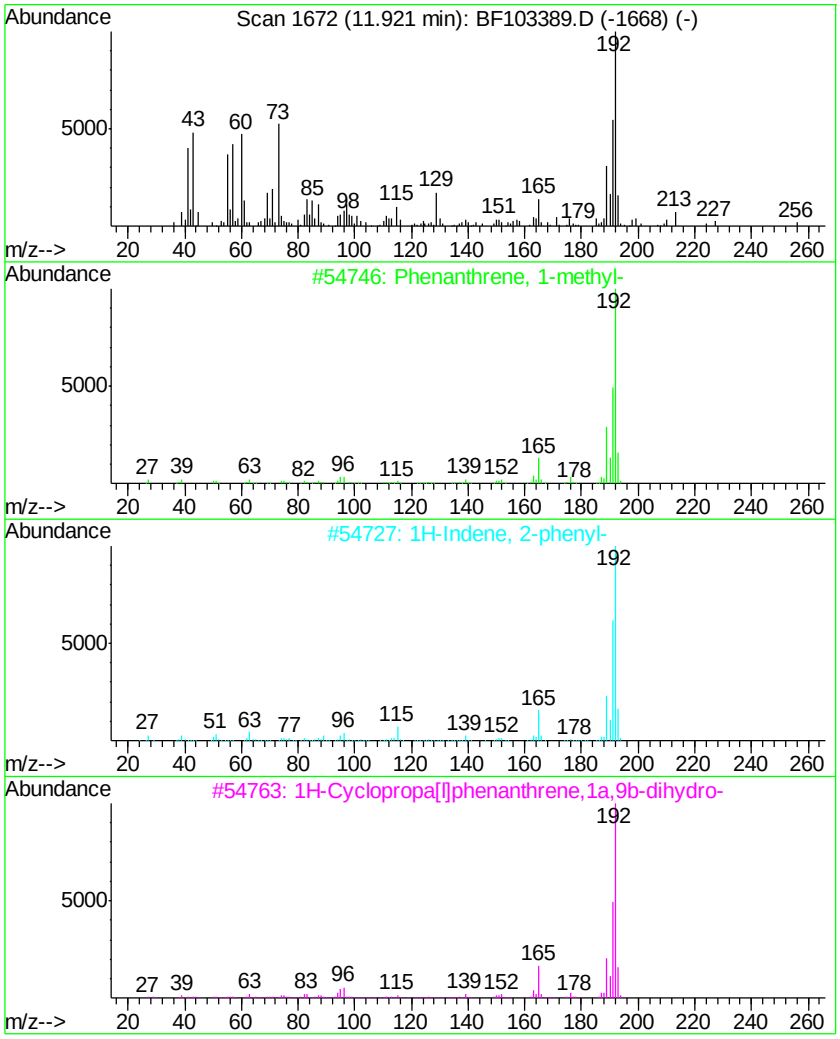
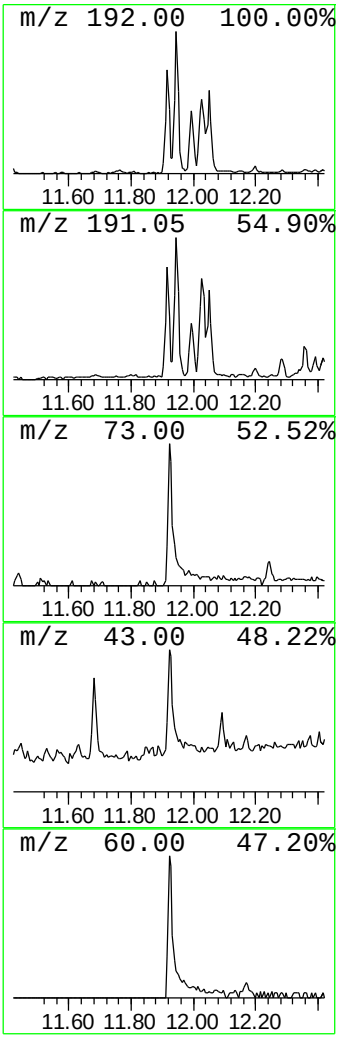
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.31 ng	203569	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103389.D
Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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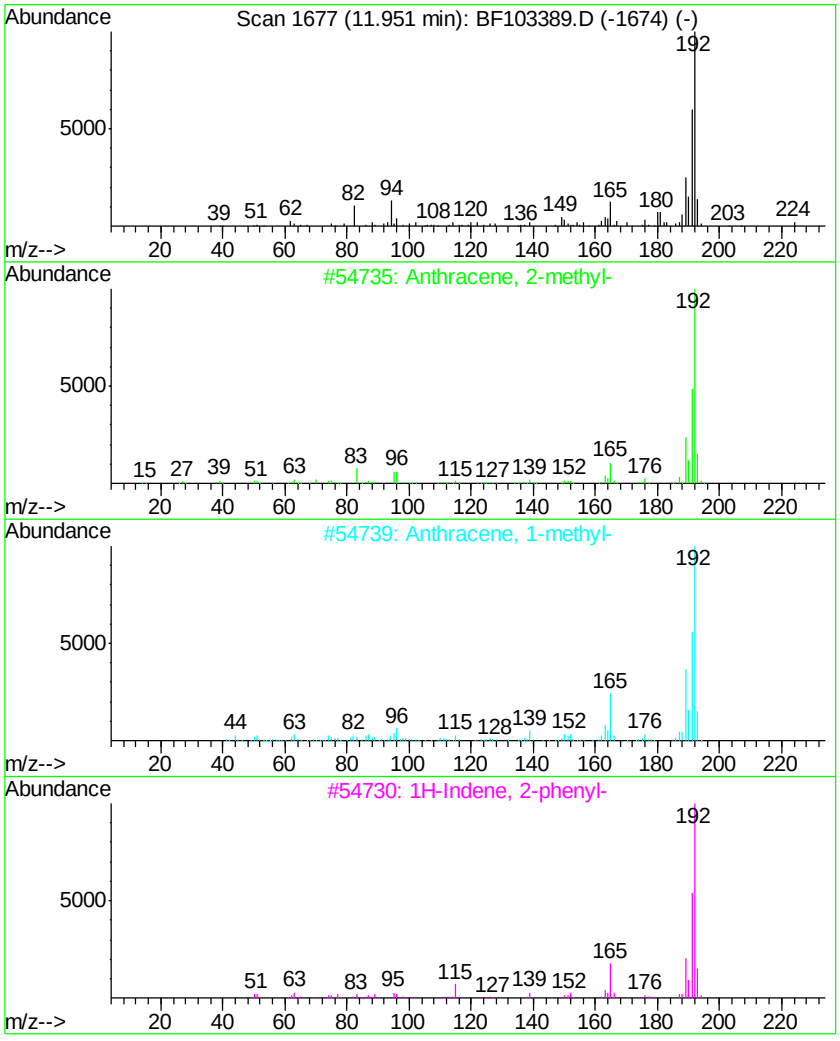
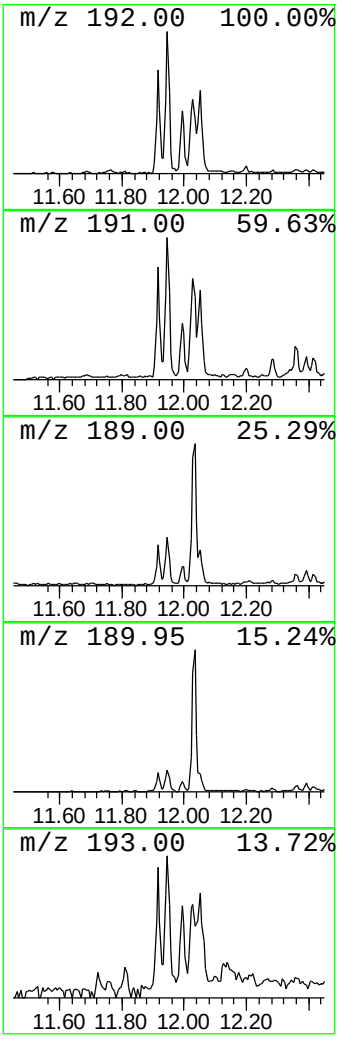
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.44 ng	162784	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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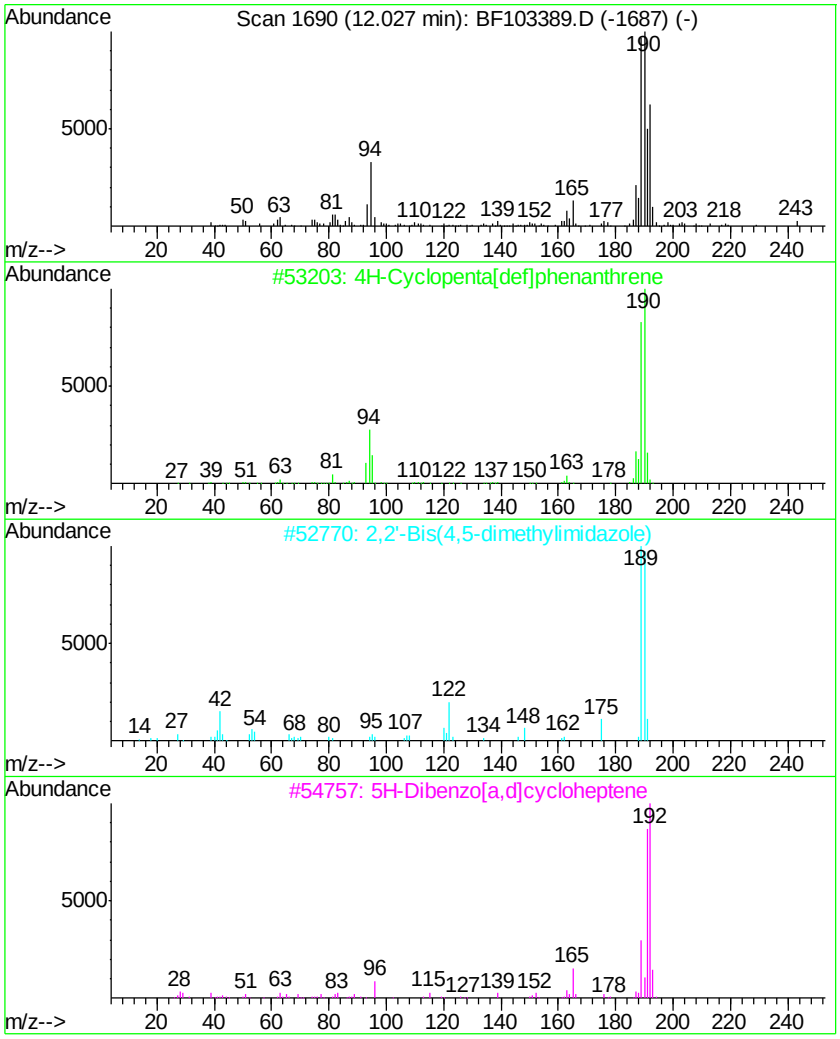
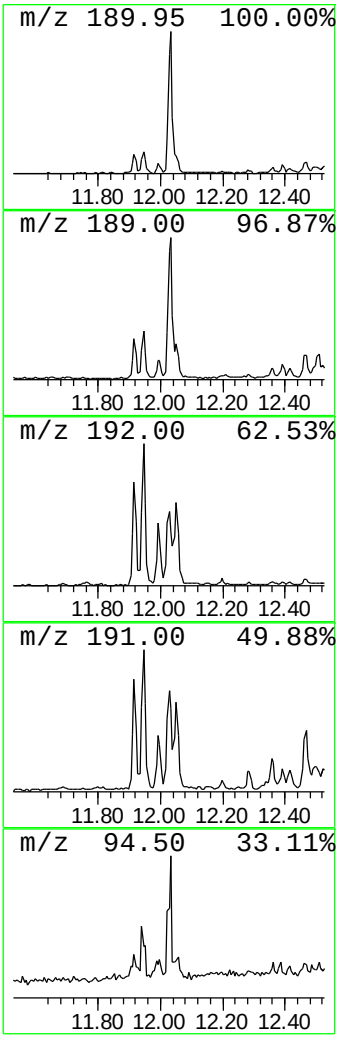
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.53 ng	213994	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





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Data File : BF103389.D
Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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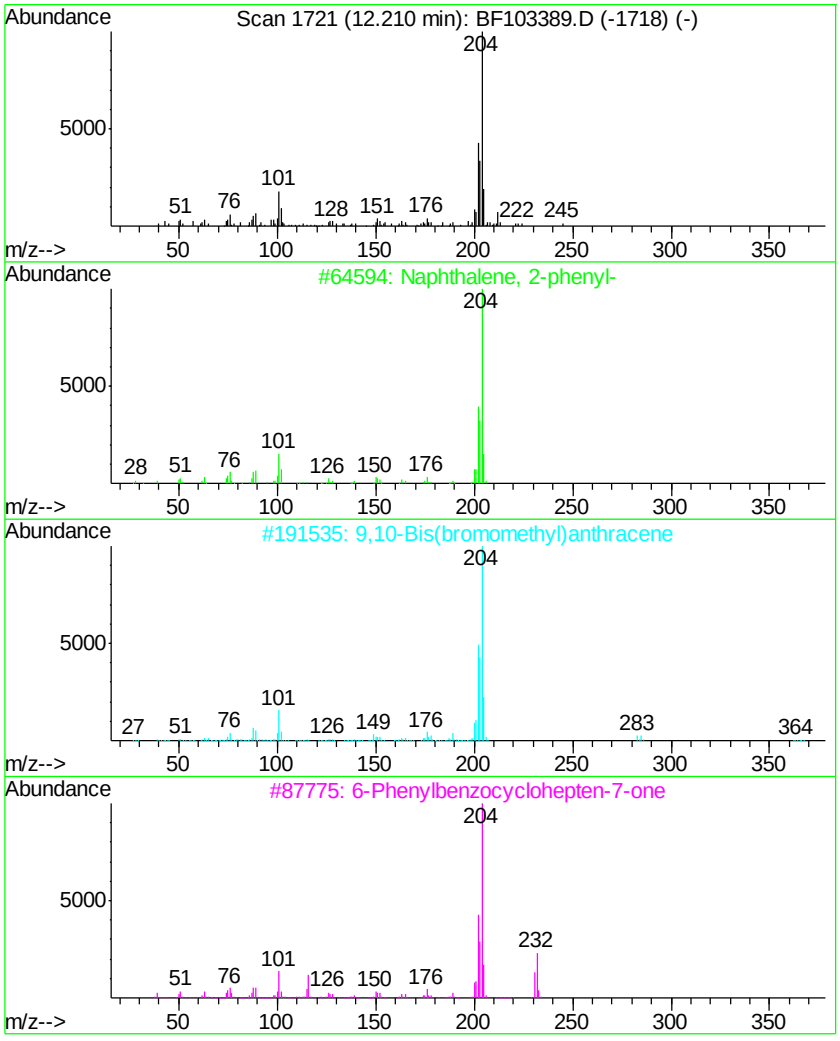
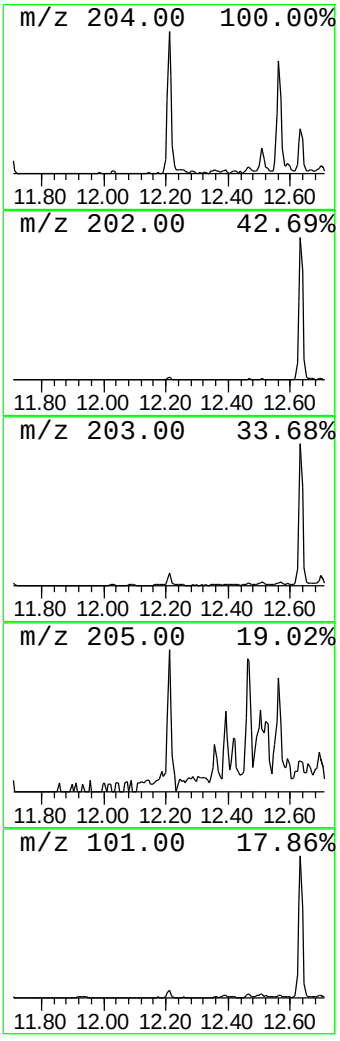
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.04 ng	96601	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70





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Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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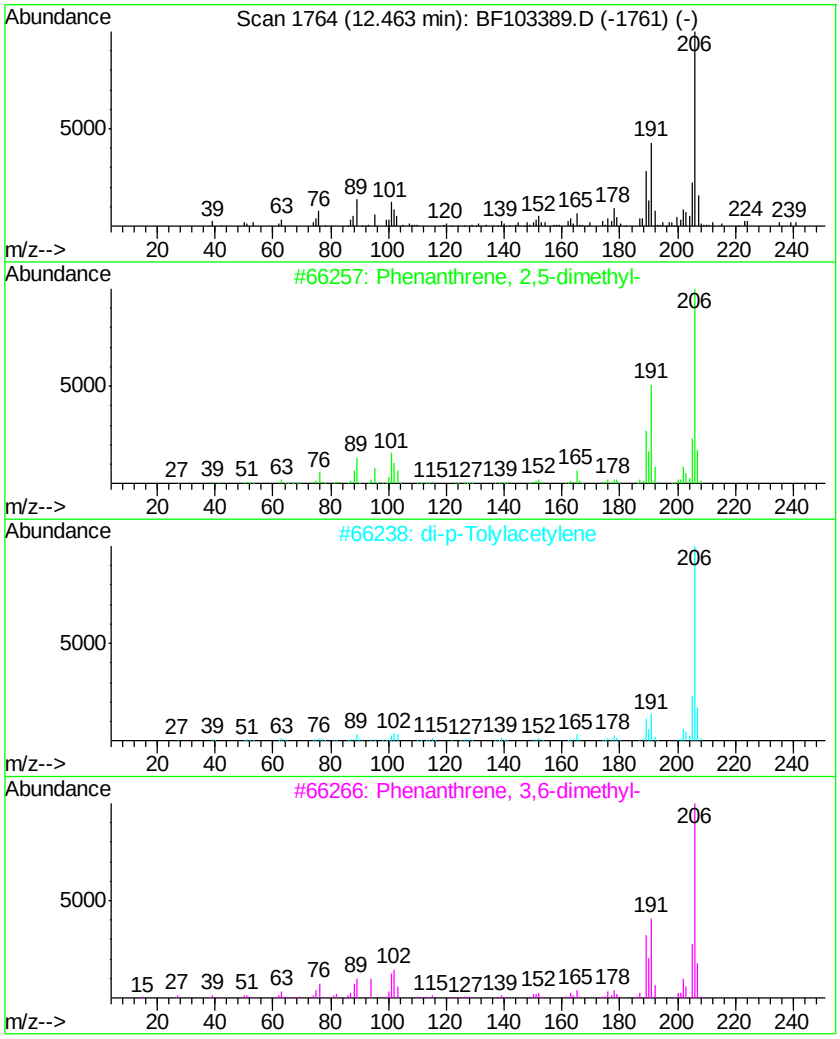
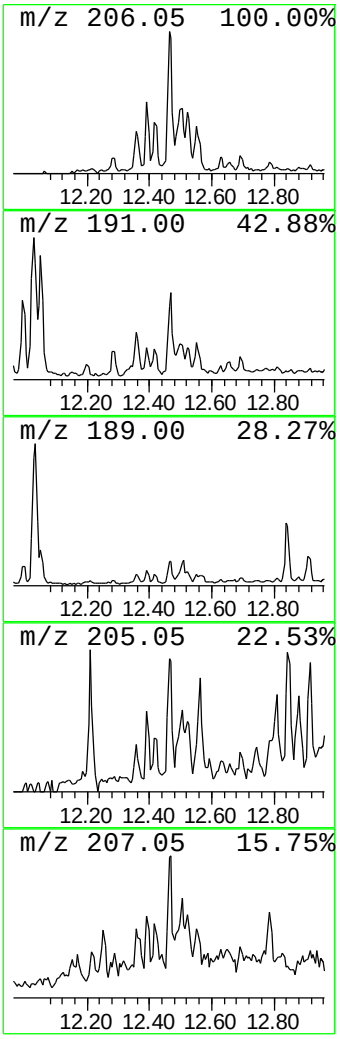
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.22 ng	104867	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	99
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	94





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Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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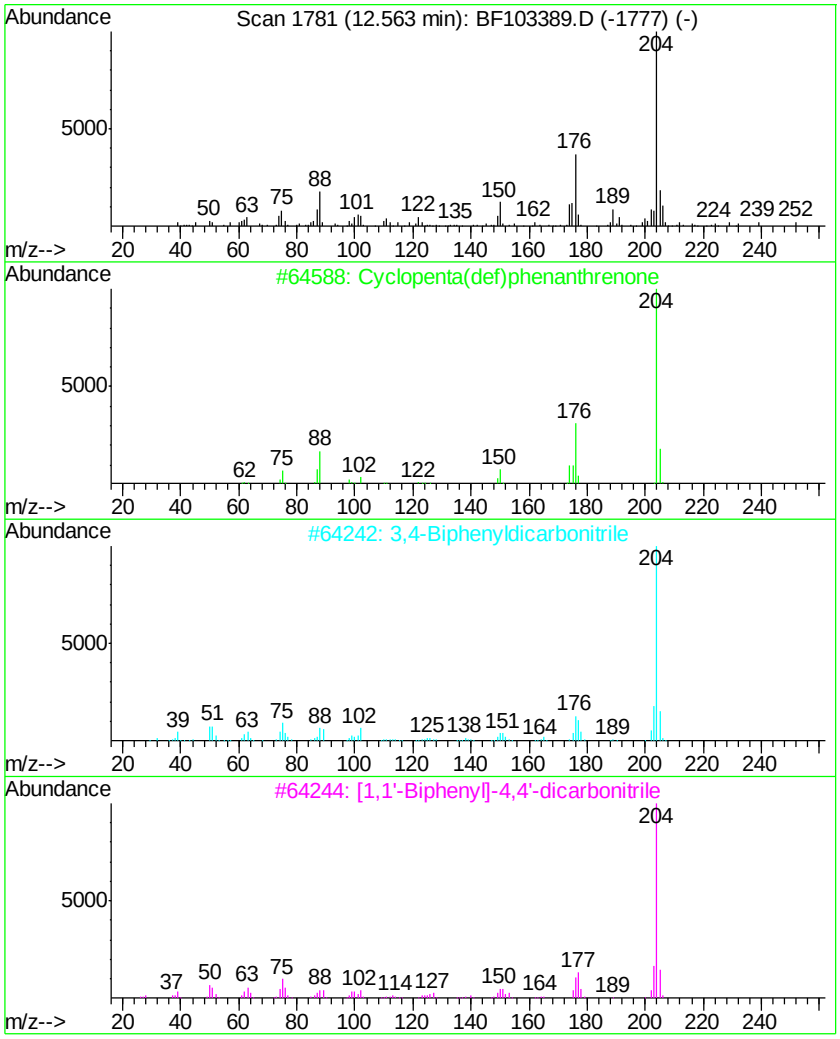
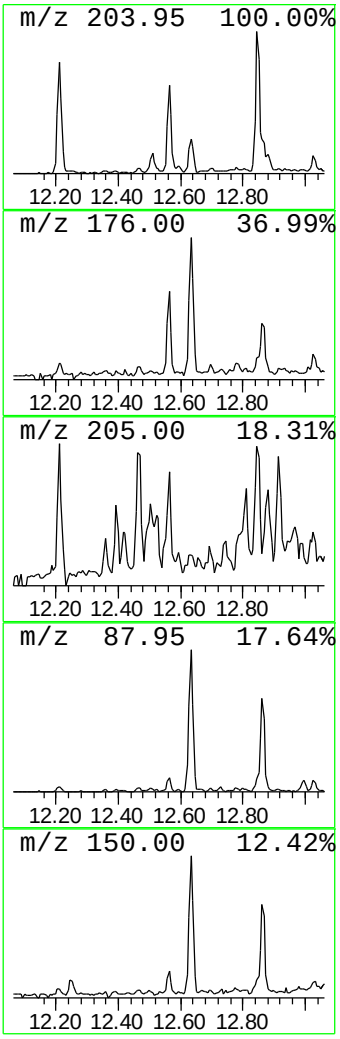
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.15 ng	101733	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	72
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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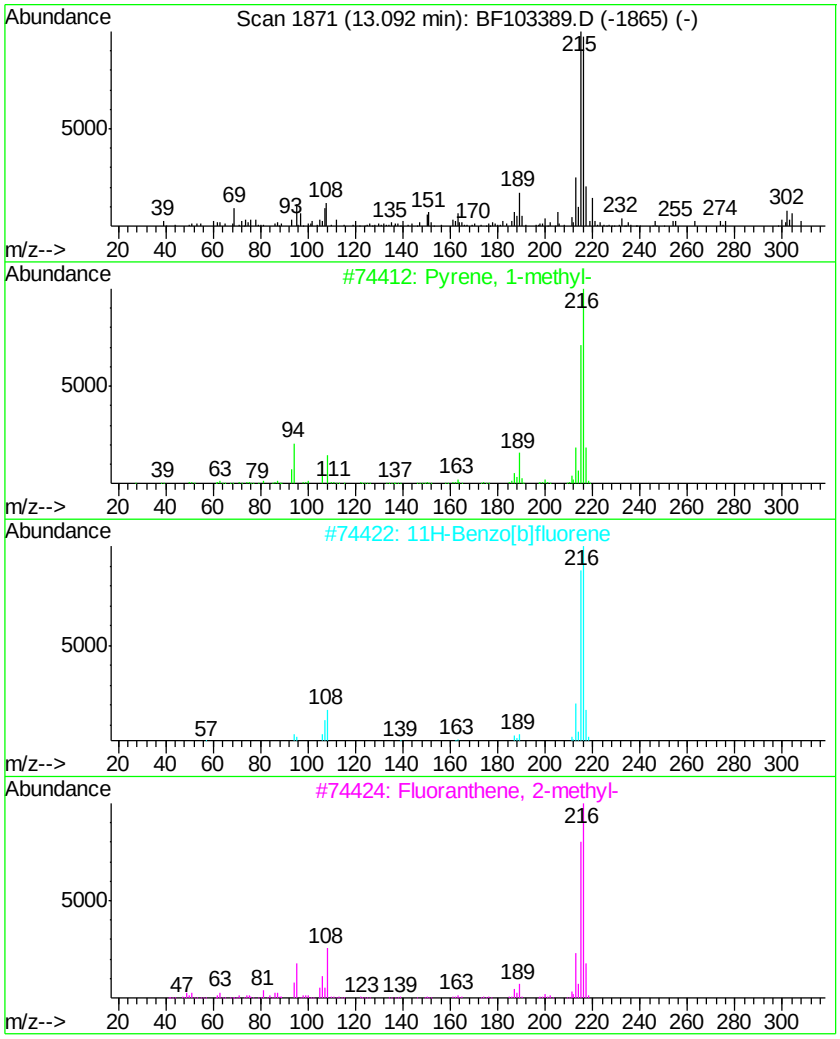
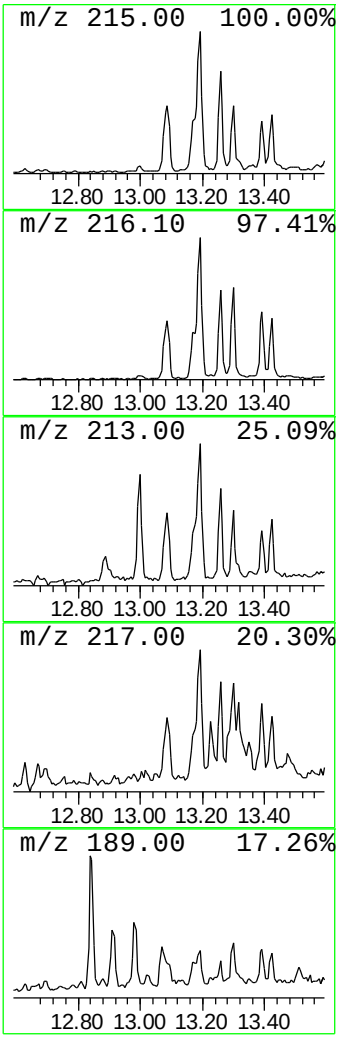
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.85 ng	159381	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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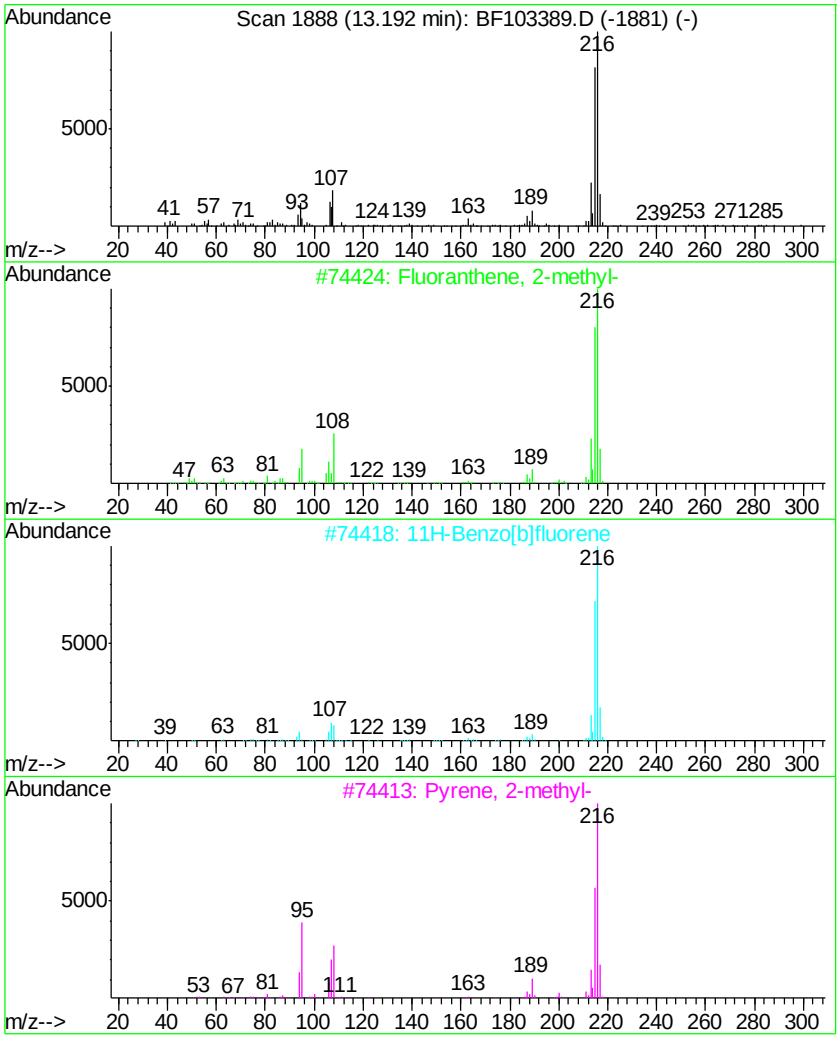
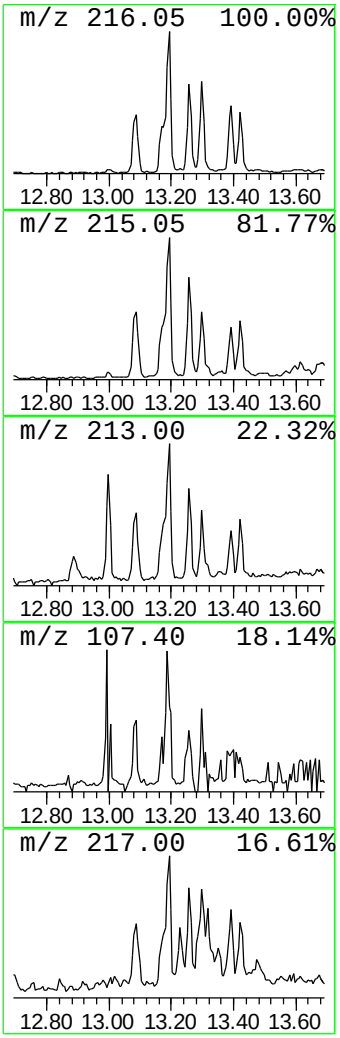
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	4.85 ng	271152	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Data File : BF103389.D
Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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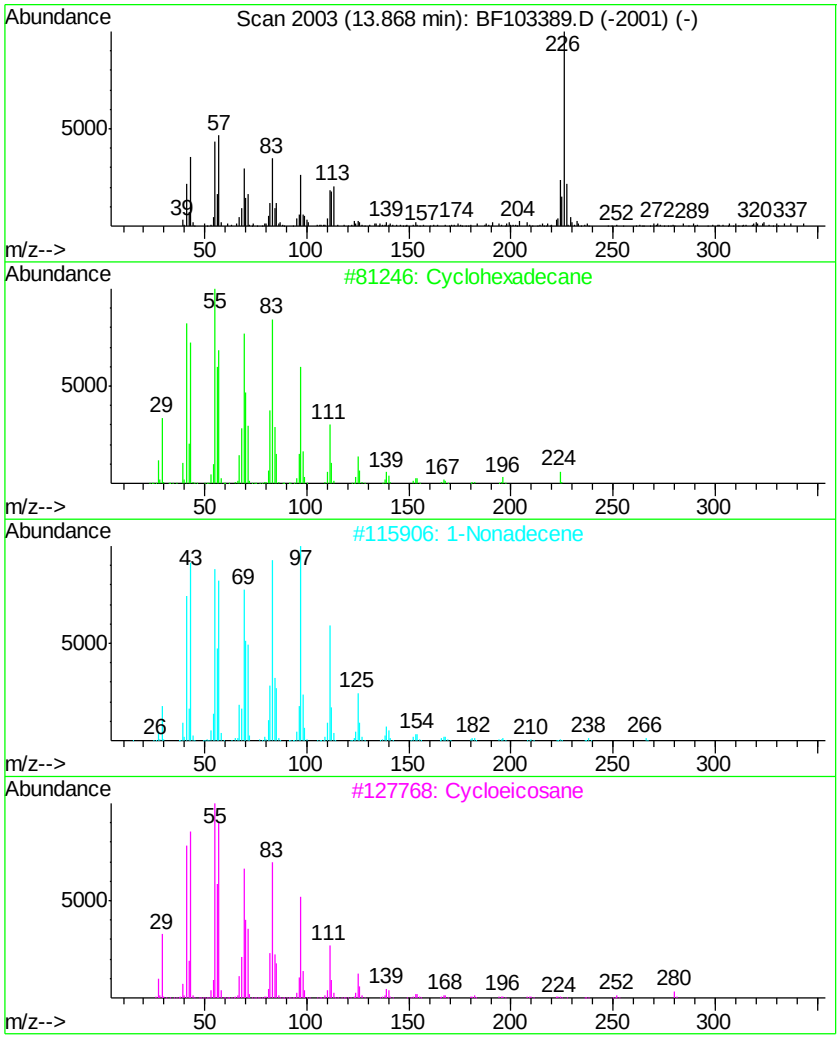
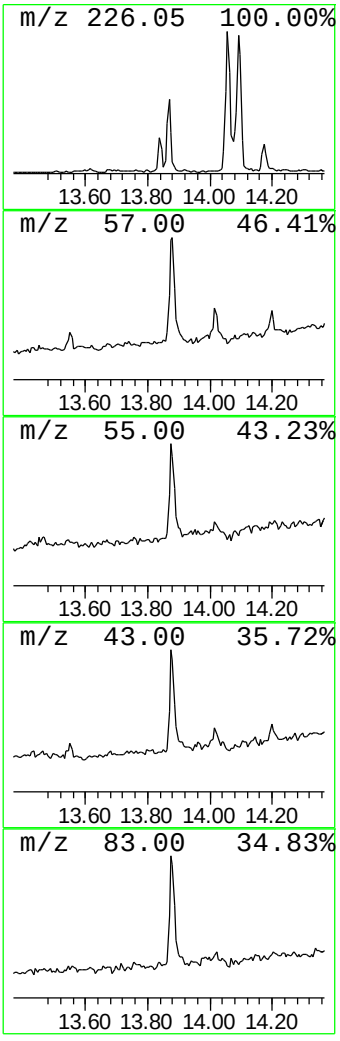
Peak Number 18 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	7.36 ng	411697	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Nonadecene	266	C19H38	018435-45-5	96
3	Cycloeicosane	280	C20H40	000296-56-0	95
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Library Search Compound Report

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Data File : BF103389.D
Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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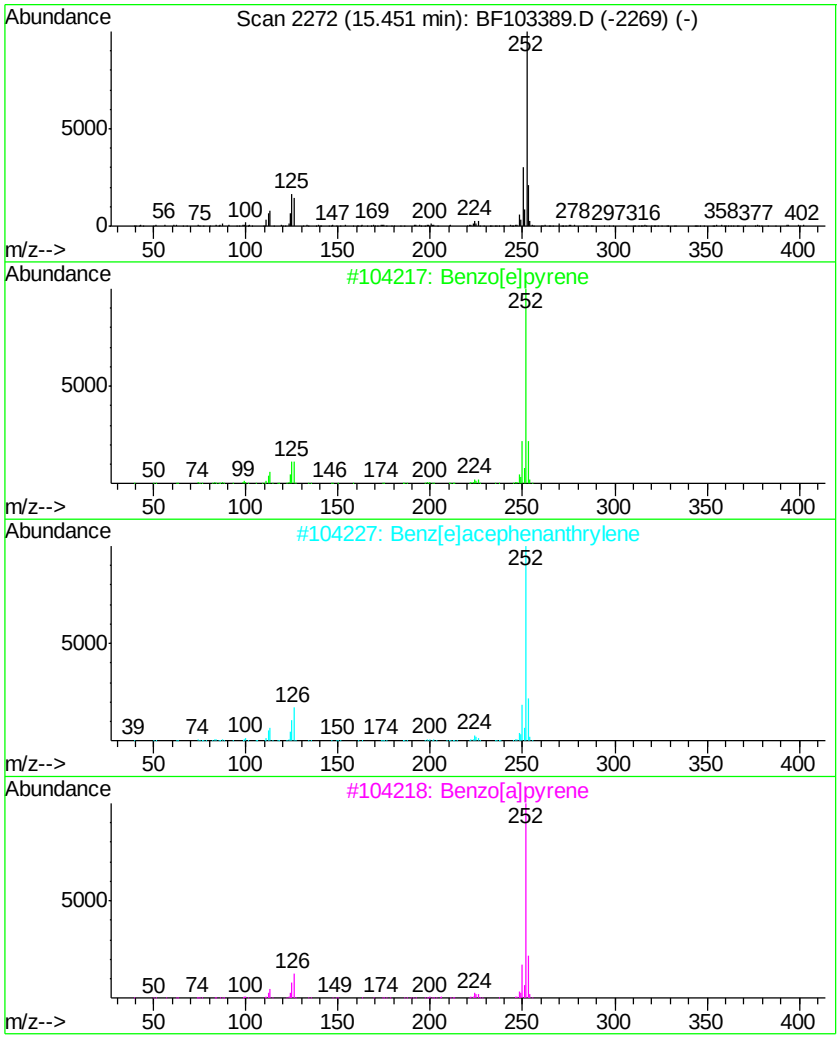
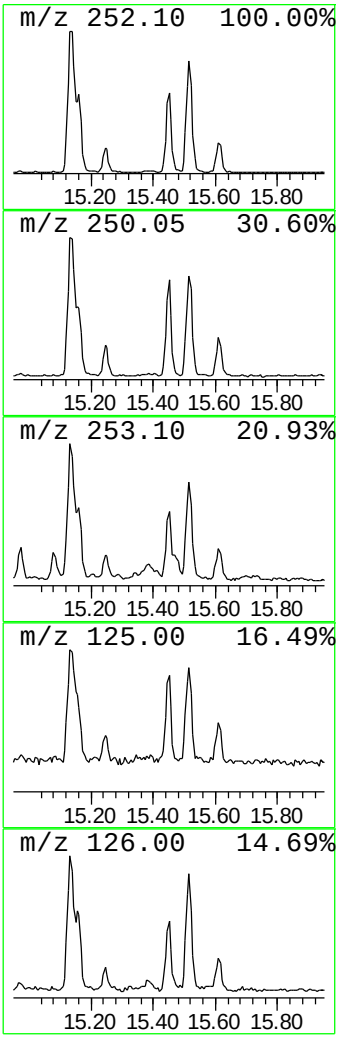
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	12.96 ng	183697	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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Data File : BF103389.D
Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	5.8	ng	263932	1	6.88	915416	20.0
2-Pentanone, 4-hy...	5.11	2.3	ng	104527	1	6.88	915416	20.0
unknown6.65	6.65	70.0	ng	3202340	1	6.88	915416	20.0
Hexadecane	9.83	2.7	ng	147363	3	9.92	1092180	20.0
Tetracosane	10.81	4.9	ng	232712	4	11.42	945429	20.0
Phenanthrene, 1-m...	11.92	4.3	ng	203569	4	11.42	945429	20.0
Anthracene, 2-met...	11.95	3.4	ng	162784	4	11.42	945429	20.0
4H-Cyclopenta[def...	12.03	4.5	ng	213994	4	11.42	945429	20.0
Naphthalene, 2-ph...	12.21	2.0	ng	96601	4	11.42	945429	20.0
Phenanthrene, 2,5...	12.46	2.2	ng	104867	4	11.42	945429	20.0
Cyclopenta(def)ph...	12.56	2.1	ng	101733	4	11.42	945429	20.0
Pyrene, 1-methyl-	13.09	2.9	ng	159381	5	14.07	1118750	20.0
Fluoranthene, 2-m...	13.19	4.8	ng	271152	5	14.07	1118750	20.0
Cyclohexadecane	13.87	7.4	ng	411697	5	14.07	1118750	20.0
Benzo[e]pyrene	15.45	13.0	ng	183697	6	15.58	283540	20.0