LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097576.D
Acq On : 10 Aug 2017 23:42
Operator : SJ/JU
Sample : I4697-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9A

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-BF072517.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	4.516	478	481	505	rBV	105673	216775	10.07%	0.737%
2	4.987	558	561	586	rBV	1480241	2081749	96.71%	7.075%
3	6.069	742	745	758	rBV	1847221	2152534	100.00%	7.315%
4	6.163	758	761	773	rVB	1823910	2090960	97.14%	7.106%
5	6.392	796	800	810	rBV	593610	644905	29.96%	2.192%
6	6.545	822	826	840	rBV	1524788	1491362	69.28%	5.068%
7	6.963	894	897	917	rBV	1252861	1331471	61.86%	4.525%
8	7.675	1015	1018	1021	rBV	813727	799538	37.14%	2.717%
9	8.398	1136	1141	1149	rVB	25991	32775	1.52%	0.111%
10	8.751	1197	1201	1209	rBV	2074866	1827024	84.88%	6.209%
11	8.851	1214	1218	1222	rVB3	27403	32680	1.52%	0.111%
12	9.022	1243	1247	1250	rBV	21275	28577	1.33%	0.097%
13	9.086	1254	1258	1261	rVV	44574	48368	2.25%	0.164%
14	9.122	1261	1264	1267	rVV2	30332	32079	1.49%	0.109%
15	9.157	1267	1270	1275	rVV	319330	283419	13.17%	0.963%
16	9.204	1275	1278	1284	rVB3	21590	34174	1.59%	0.116%
17	9.281	1288	1291	1296	rVV	92628	79022	3.67%	0.269%
18	9.375	1303	1307	1310	rBV	35191	32678	1.52%	0.111%
19	9.416	1310	1314	1317	rVV	970013	849447	39.46%	2.887%
20	9.445	1317	1319	1329	rVB	196954	209278	9.72%	0.711%
21	9.628	1344	1350	1354	rBV	88584	88552	4.11%	0.301%
22	9.669	1354	1357	1360	rBV	33136	31025	1.44%	0.105%
23	9.739	1365	1369	1372	rBV3	38419	46311	2.15%	0.157%
24	9.828	1379	1384	1386	rBV4	22540	33775	1.57%	0.115%
25	9.875	1389	1392	1395	rVB2	61009	56750	2.64%	0.193%
26	9.963	1404	1407	1414	rVB	174556	167093	7.76%	0.568%
27	10.051	1414	1422	1424	rBV6	17116	28330	1.32%	0.096%
28	10.075	1424	1426	1431	rBV5	29537	48705	2.26%	0.166%
29	10.122	1431	1434	1440	rVB	63272	69028	3.21%	0.235%
30	10.204	1445	1448	1454	rVV	984245	984799	45.75%	3.347%
31	10.339	1468	1471	1478	rBV2	68019	87460	4.06%	0.297%
32	10.510	1496	1500	1503	rBV3	55587	72337	3.36%	0.246%
33	10.639	1517	1522	1524	rBV3	45782	46890	2.18%	0.159%
34	10.663	1524	1526	1532	rVB2	42196	44709	2.08%	0.152%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4697-14
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9A

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.710	1532	1534	1538	rVB3	23960	27243	1.27%	0.093%
36	10.751	1538	1541	1544	rBV	44288	50758	2.36%	0.172%
37	10.786	1544	1547	1551	rBV2	96733	101404	4.71%	0.345%
38	10.892	1561	1565	1567	rBV	794674	739840	34.37%	2.514%
39	10.916	1567	1569	1574	rVB	1215616	998508	46.39%	3.393%
40	10.969	1574	1578	1582	rBV	325608	295334	13.72%	1.004%
41	11.010	1582	1585	1588	rBV3	25089	32550	1.51%	0.111%
42	11.151	1602	1609	1613	rBV3	44229	79594	3.70%	0.270%
43	11.210	1617	1619	1623	rBV3	25964	28449	1.32%	0.097%
44	11.310	1632	1636	1639	rVB4	22012	26571	1.23%	0.090%
45	11.392	1647	1650	1653	rBV	147021	125191	5.82%	0.425%
46	11.422	1653	1655	1658	rVV	190810	160410	7.45%	0.545%
47	11.469	1661	1663	1666	rVV	101169	84707	3.94%	0.288%
48	11.504	1666	1669	1671	rVV	265325	282696	13.13%	0.961%
49	11.527	1671	1673	1676	rVB	90890	82840	3.85%	0.282%
50	11.686	1696	1700	1705	rVB	107099	113473	5.27%	0.386%
51	11.898	1733	1736	1738	rVB3	29801	31502	1.46%	0.107%
52	11.939	1740	1743	1746	rBV	79908	86741	4.03%	0.295%
53	11.980	1746	1750	1752	rVV2	60269	76774	3.57%	0.261%
54	11.998	1752	1753	1756	rVV2	46785	36701	1.71%	0.125%
55	12.033	1756	1759	1763	rVB2	43393	62655	2.91%	0.213%
56	12.098	1766	1770	1775	rBV	1244182	1169853	54.35%	3.976%
57	12.192	1784	1786	1790	rVB	119270	105553	4.90%	0.359%
58	12.245	1792	1795	1803	rVB2	59665	70757	3.29%	0.240%
59	12.321	1803	1808	1811	rBV	1069873	1130529	52.52%	3.842%
60	12.345	1811	1812	1815	rVV2	66464	51303	2.38%	0.174%
61	12.380	1815	1818	1823	rVB3	55291	73655	3.42%	0.250%
62	12.474	1830	1834	1837	rVB	1081854	1009211	46.88%	3.430%
63	12.551	1842	1847	1851	rBV4	72225	135720	6.31%	0.461%
64	12.633	1857	1861	1862	rBV2	62927	67341	3.13%	0.229%
65	12.657	1862	1865	1869	rVB	179046	176893	8.22%	0.601%
66	12.721	1870	1876	1879	rBV	196168	194835	9.05%	0.662%
67	12.757	1879	1882	1886	rVV	126482	151571	7.04%	0.515%
68	12.821	1890	1893	1895	rVV4	23984	28682	1.33%	0.097%
69	12.845	1895	1897	1900	rVV	58611	58869	2.73%	0.200%
70	12.880	1900	1903	1913	rVB4	59165	100042	4.65%	0.340%
71	13.057	1931	1933	1935	rBV3	34147	34346	1.60%	0.117%

LSC Area Percent Report

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Sample : I4697-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9A

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.080	1935	1937	1944	rVB5	44158	55719	2.59%	0.189%
73	13.139	1944	1947	1951	rBV4	49723	84363	3.92%	0.287%
74	13.268	1966	1969	1971	rBV	45847	52469	2.44%	0.178%
75	13.292	1971	1973	1976	rVV	76338	79868	3.71%	0.271%
76	13.321	1976	1978	1980	rVV	73166	65312	3.03%	0.222%
77	13.345	1980	1982	1984	rVB2	53946	42831	1.99%	0.146%
78	13.386	1986	1989	1994	rVB3	61303	75910	3.53%	0.258%
79	13.516	2004	2011	2014	rBV2	833137	1197461	55.63%	4.069%
80	13.545	2014	2016	2020	rVB	407853	366422	17.02%	1.245%
81	13.621	2026	2029	2034	rVB	122983	110957	5.15%	0.377%
82	13.680	2036	2039	2043	rVV2	74090	97295	4.52%	0.331%
83	13.733	2045	2048	2051	rVV2	44972	52780	2.45%	0.179%
84	13.763	2051	2053	2059	rVB2	43615	44676	2.08%	0.152%
85	13.910	2073	2078	2081	rVV	114665	142193	6.61%	0.483%
86	13.939	2081	2083	2087	rVB2	45058	41623	1.93%	0.141%
87	14.004	2092	2094	2096	rVV	66857	58902	2.74%	0.200%
88	14.027	2096	2098	2100	rVV2	58103	63784	2.96%	0.217%
89	14.051	2100	2102	2105	rVB	71542	57358	2.66%	0.195%
90	14.363	2152	2155	2157	rBV	57919	69022	3.21%	0.235%
91	14.515	2177	2181	2184	rBV	442425	602028	27.97%	2.046%
92	14.604	2193	2196	2200	rVB	104101	103766	4.82%	0.353%
93	14.757	2219	2222	2226	rBV	220060	231012	10.73%	0.785%
94	14.810	2228	2231	2236	rVV	406677	443173	20.59%	1.506%
95	14.857	2236	2239	2242	rVV	450529	509136	23.65%	1.730%
96	14.886	2242	2244	2251	rVB2	121803	164879	7.66%	0.560%
97	15.104	2279	2281	2282	rBV2	26925	27416	1.27%	0.093%
98	16.051	2437	2442	2449	rVB	104733	184980	8.59%	0.629%
99	16.404	2497	2502	2509	rBV2	67496	132513	6.16%	0.450%
100	16.609	2532	2537	2547	rVB3	36116	80425	3.74%	0.273%

Sum of corrected areas: 29425953

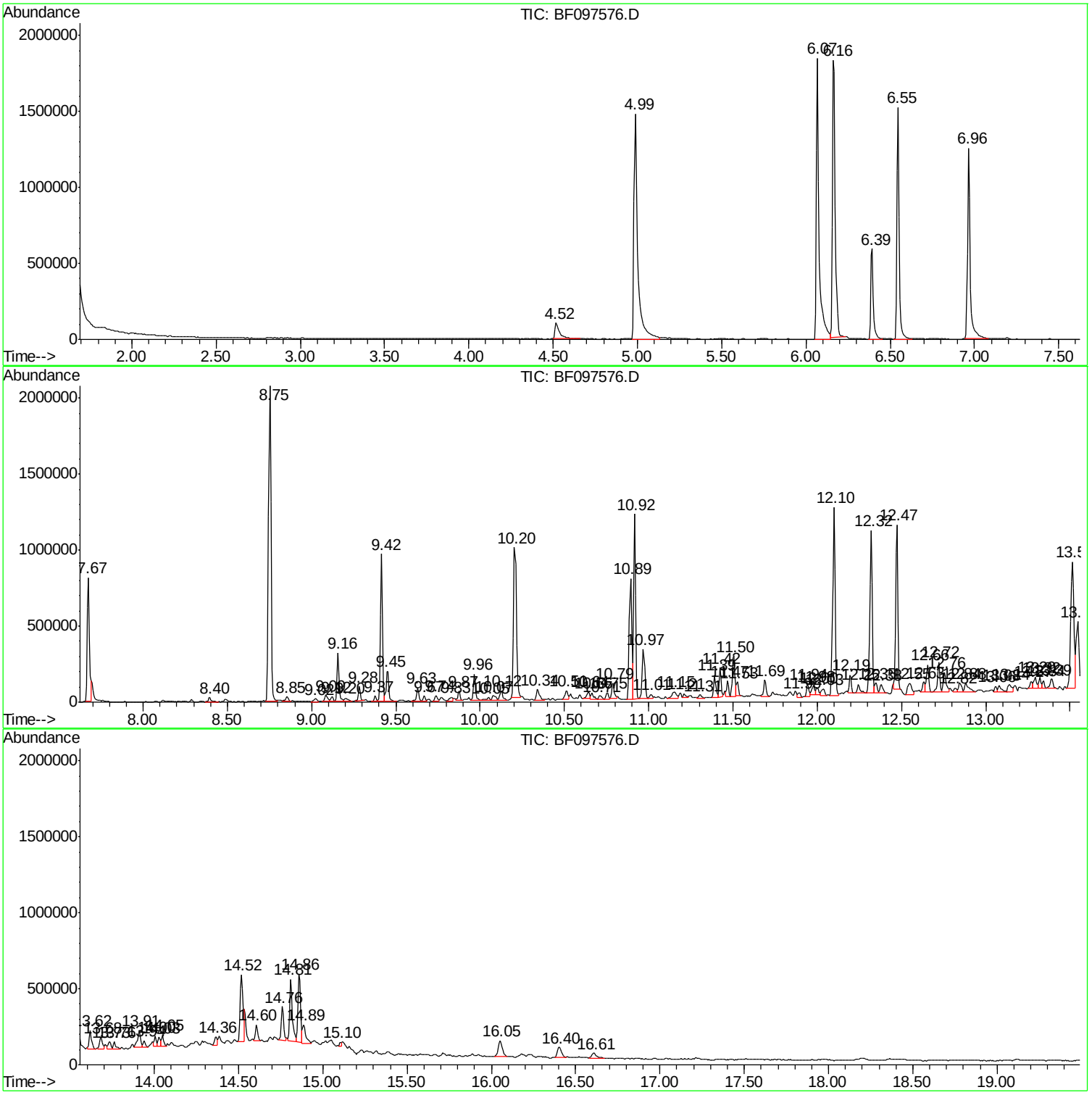
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097576.D
Acq On : 10 Aug 2017 23:42
Operator : SJ/JU
Sample : I4697-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-9A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097576.D
Acq On : 10 Aug 2017 23:42
Operator : SJ/JU
Sample : I4697-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

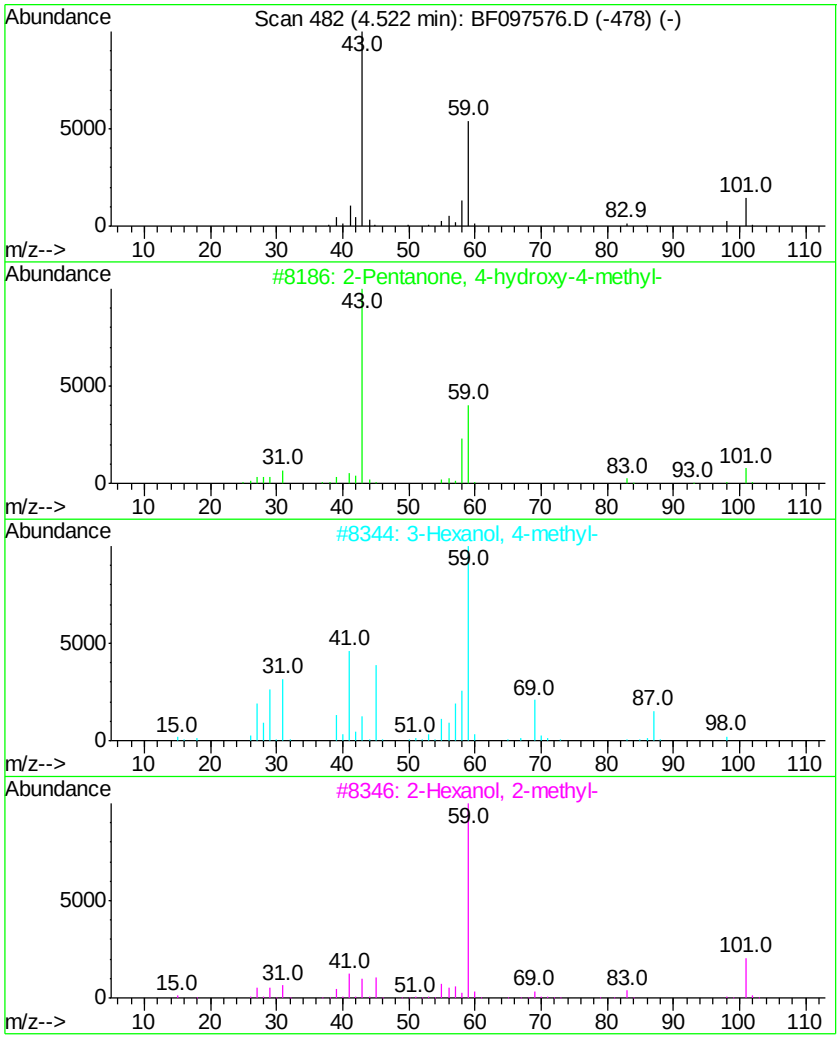
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

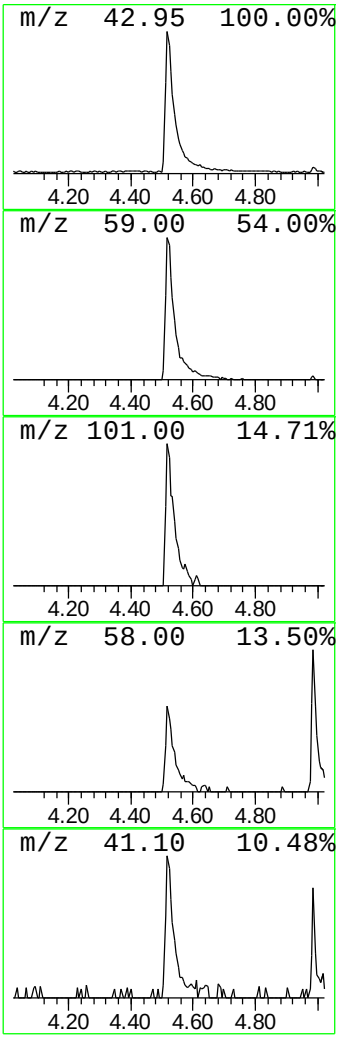
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	6.72 ng	216775	1,4-Dichlorobenzene-d4	6.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
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Sample : I4697-14
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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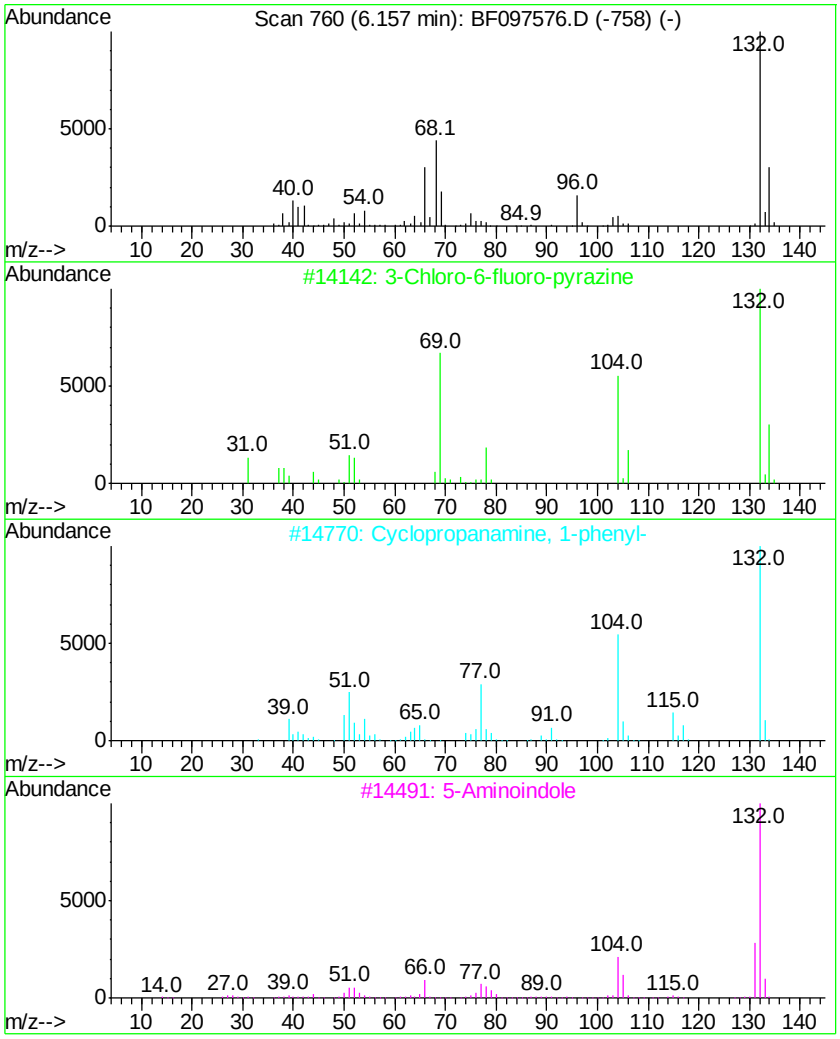
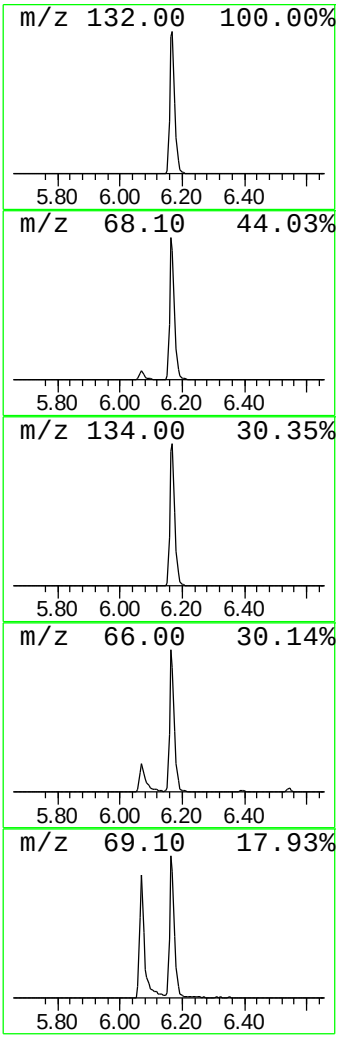
****

Peak Number 2 unknown6.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	64.85 ng	2090960	1,4-Dichlorobenzene-d4	6.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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TIC Library : C:\DATABASE\NIST11.L
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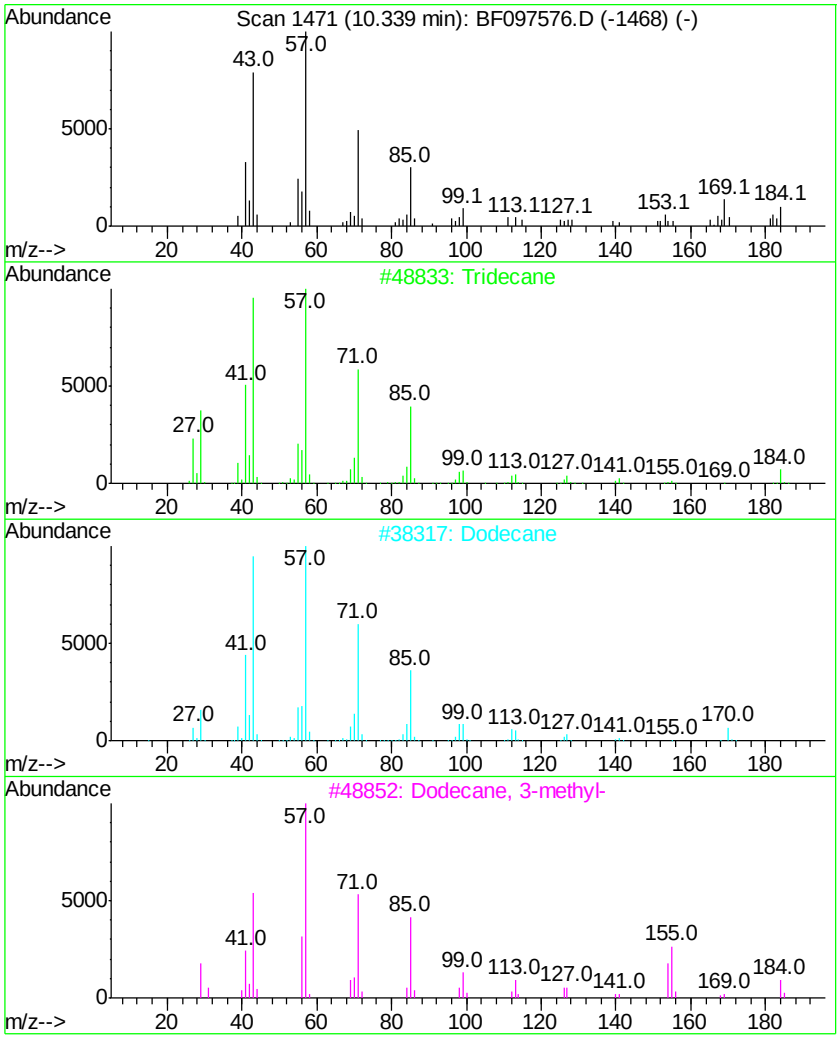
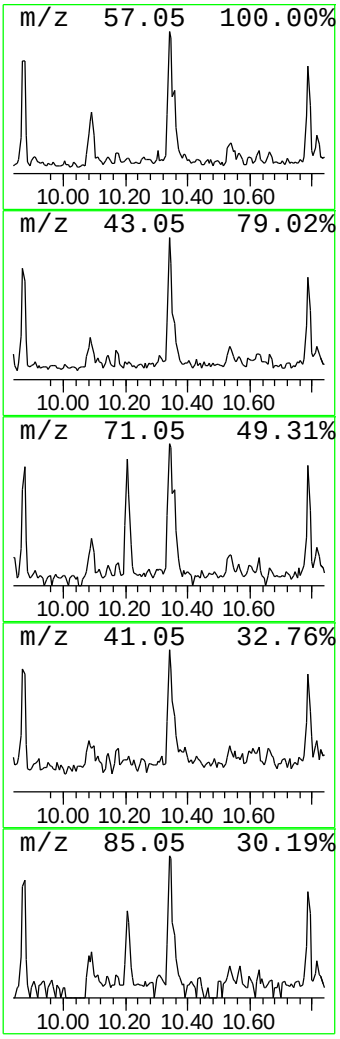
Peak Number 4 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	2.36 ng	87460	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Dodecane	170	C12H26	000112-40-3	86
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
5	Hexadecane	226	C16H34	000544-76-3	58





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Operator : SJ/JU
Sample : I4697-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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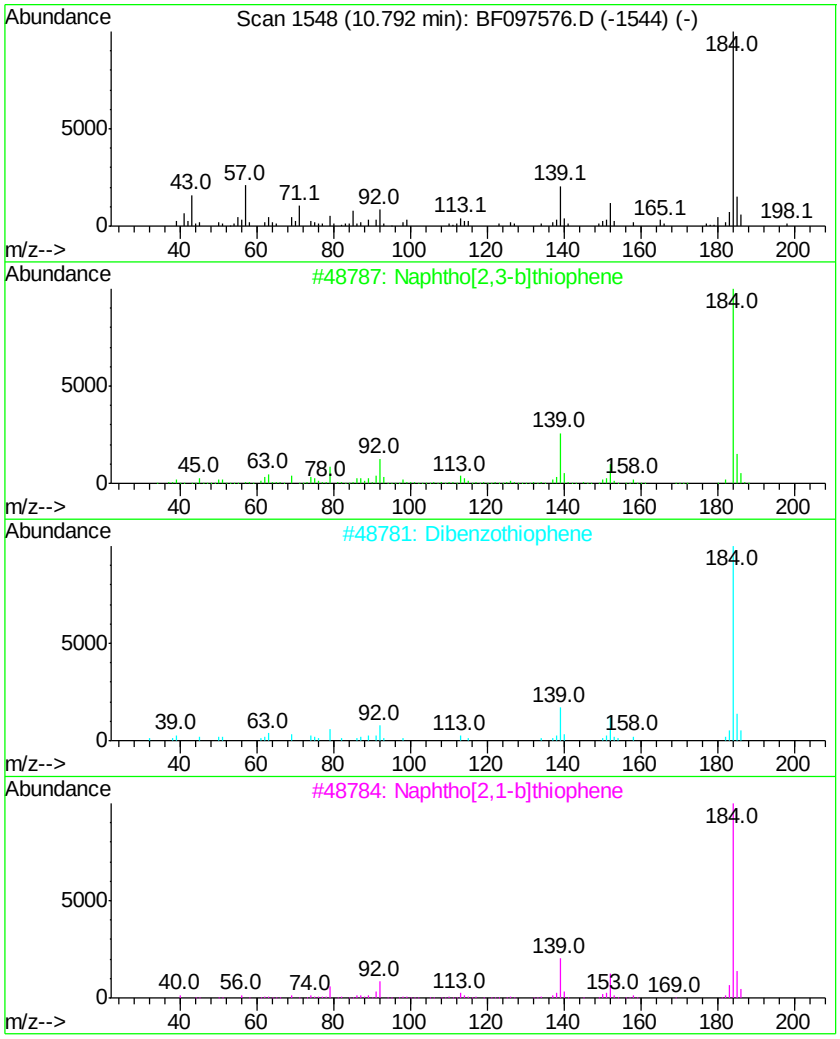
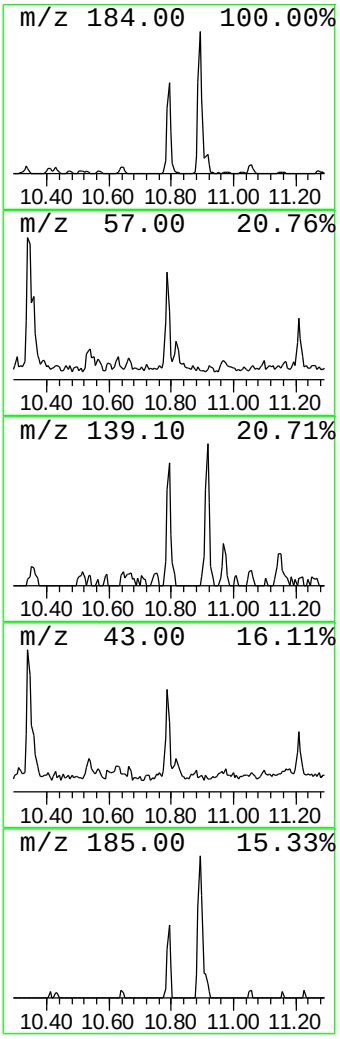
Peak Number 5 Naphtho[2,3-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.74 ng	101404	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097576.D
Acq On : 10 Aug 2017 23:42
Operator : SJ/JU
Sample : I4697-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

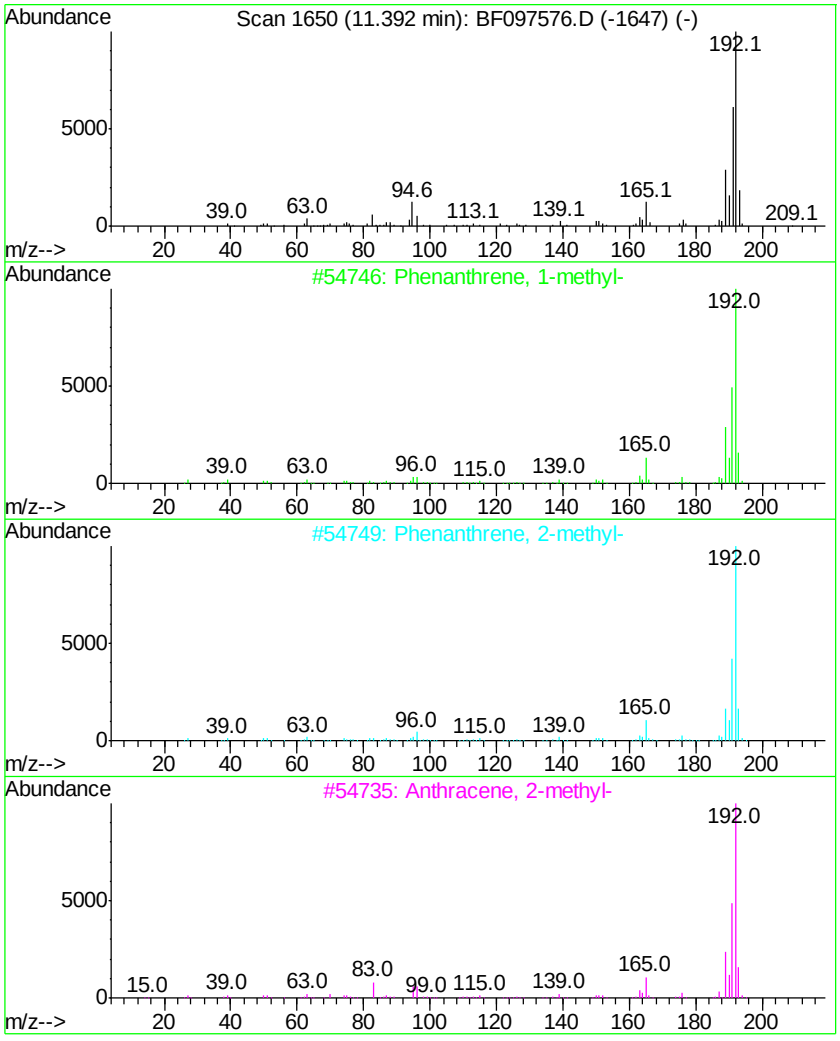
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

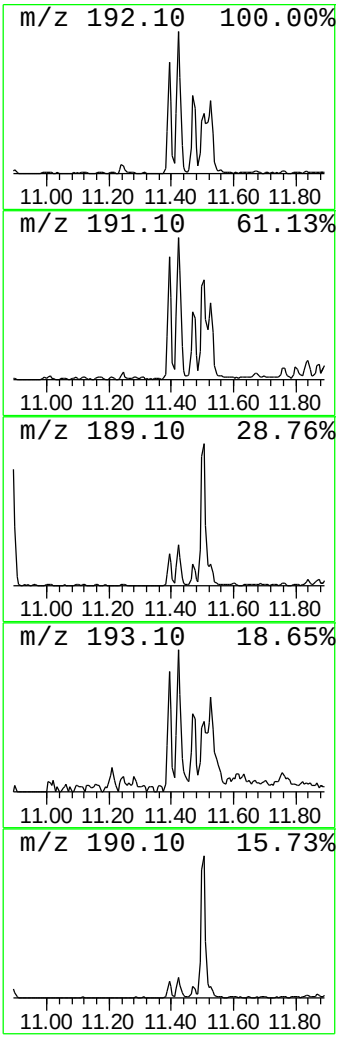
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	3.38 ng	125191	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Data File : BF097576.D
Acq On : 10 Aug 2017 23:42
Operator : SJ/JU
Sample : I4697-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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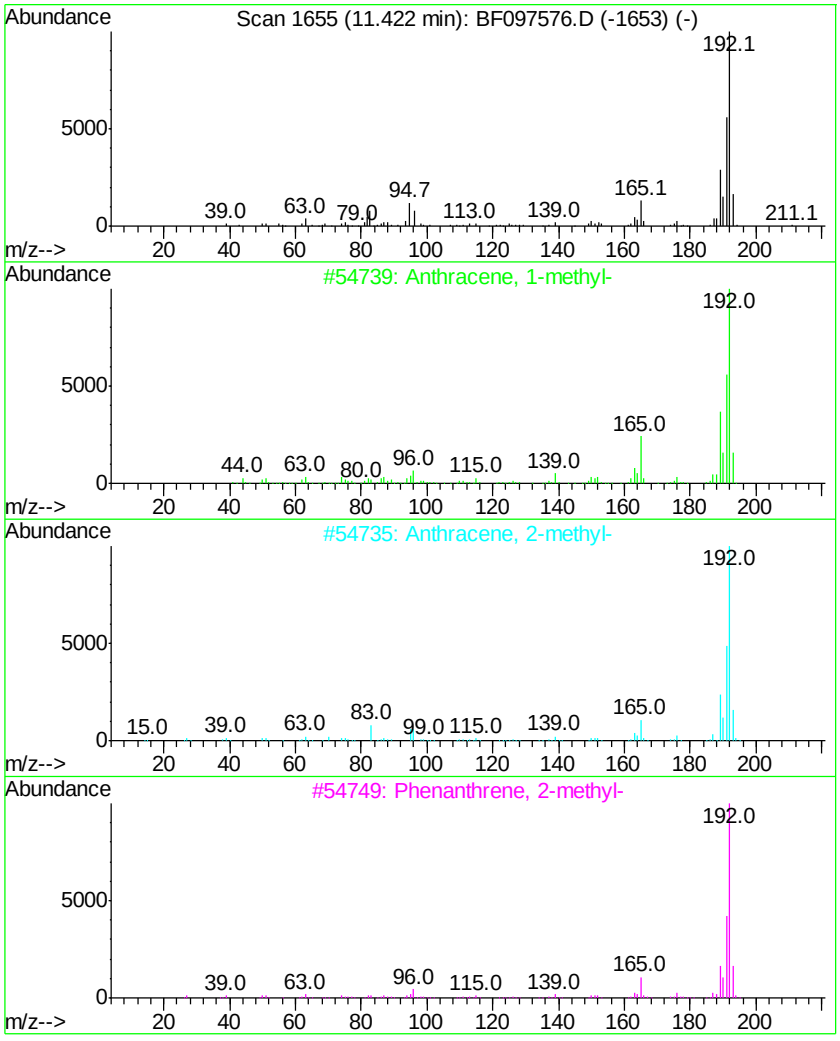
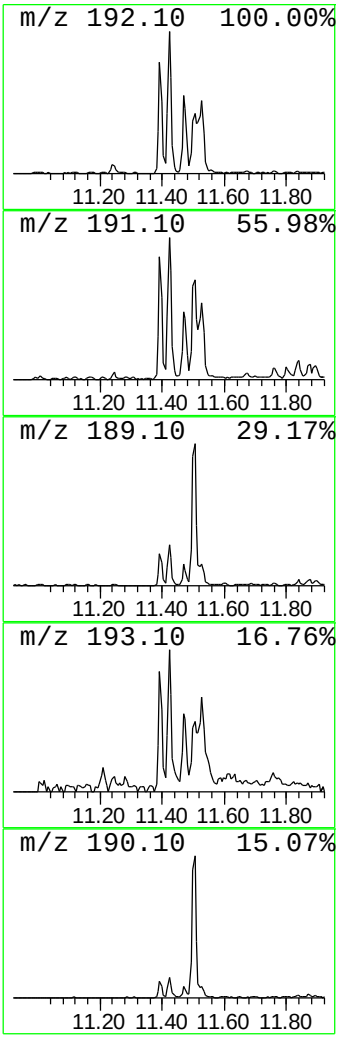
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	4.34 ng	160410	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : I4697-14
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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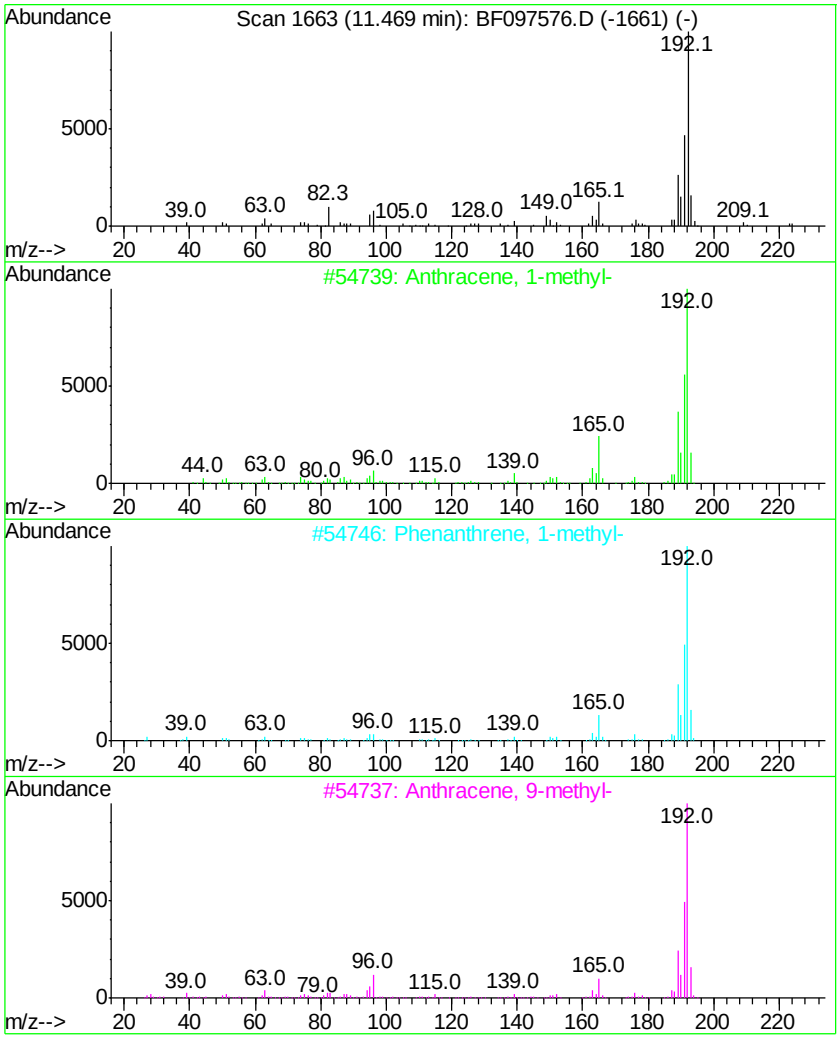
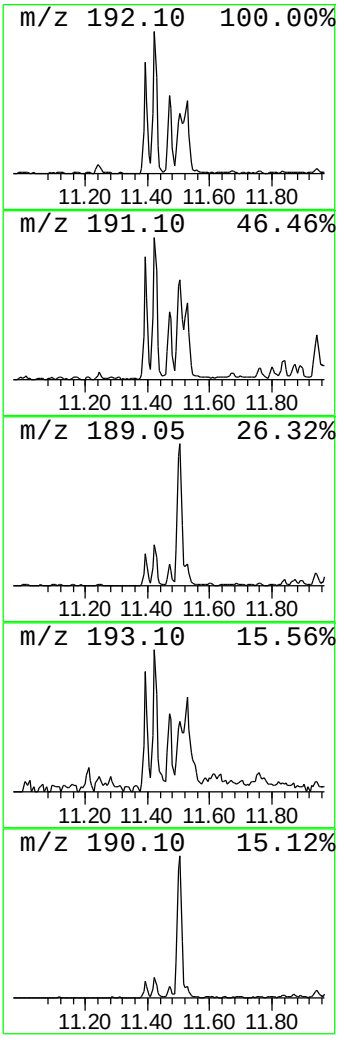
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.29 ng	84707	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Sample : I4697-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : NYSEG-PH4-ESMI-9A

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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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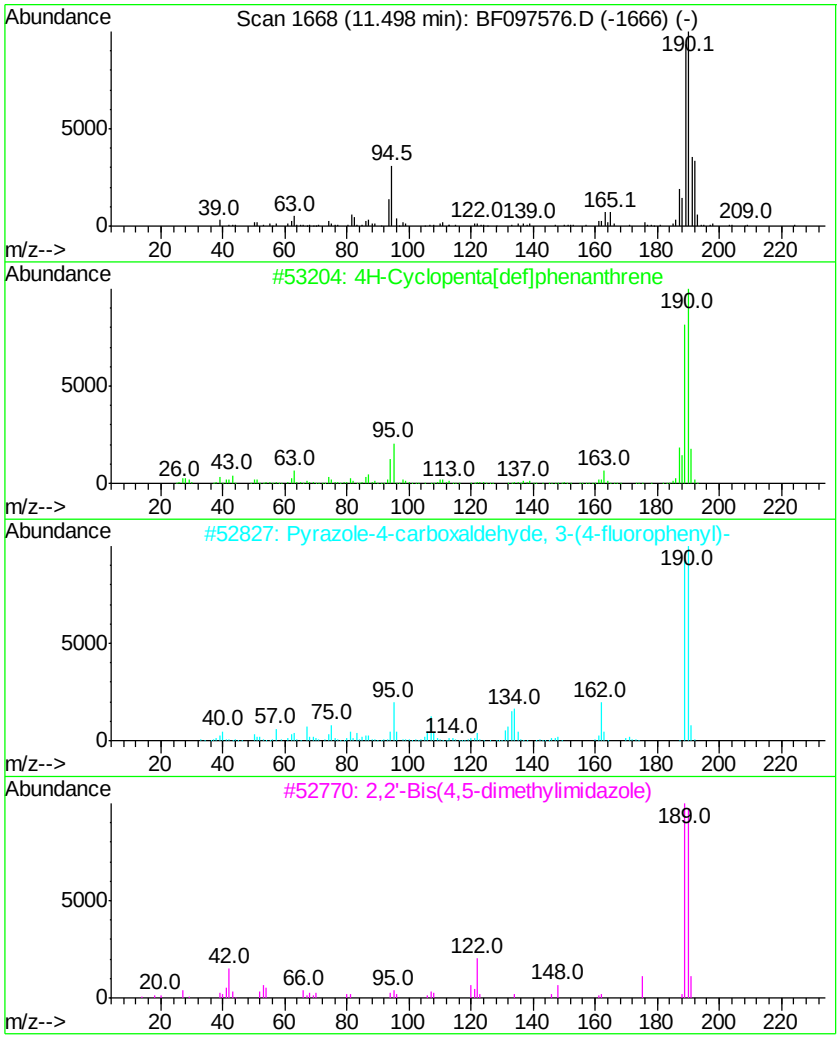
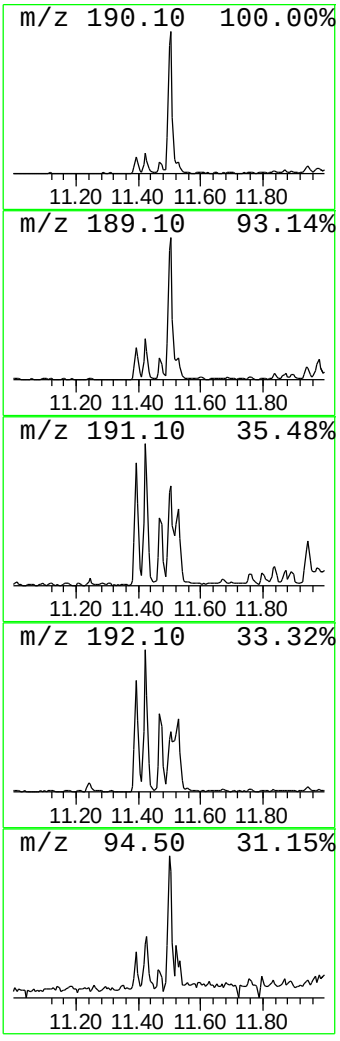
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	7.64 ng	282696	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	Megastigmatrienone	190	C13H18O	038818-55-2	25





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Sample : I4697-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : NYSEG-PH4-ESMI-9A

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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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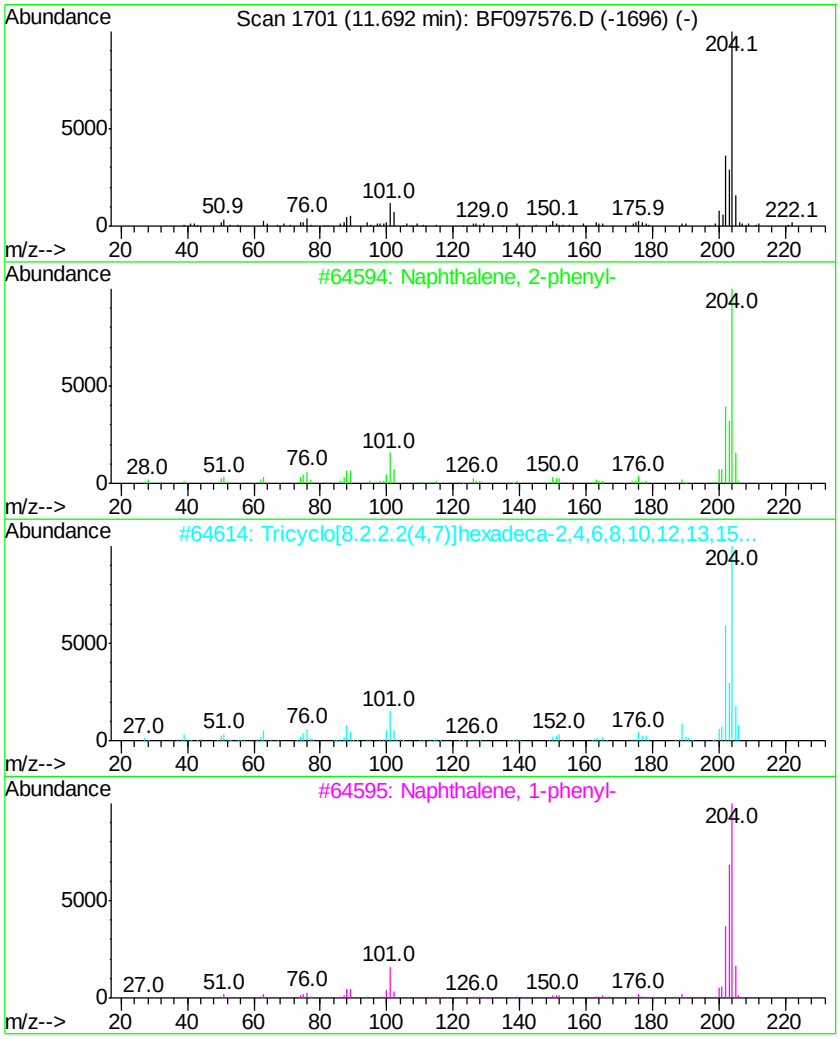
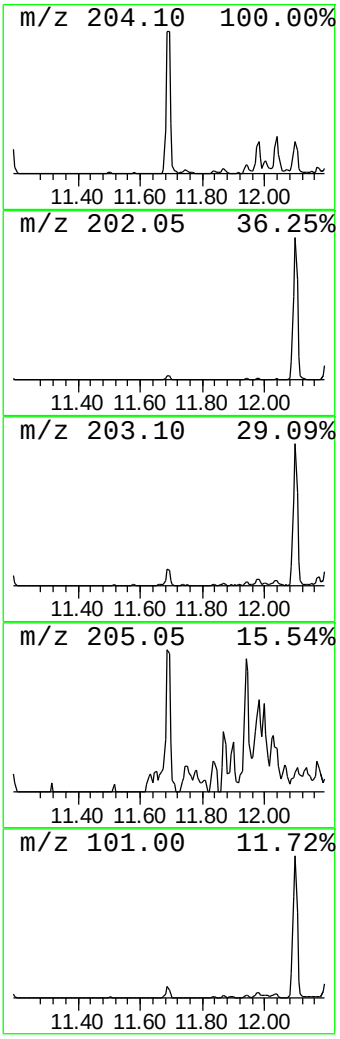
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.07 ng	113473	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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Sample : I4697-14
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Instrument :
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ClientSampleId :
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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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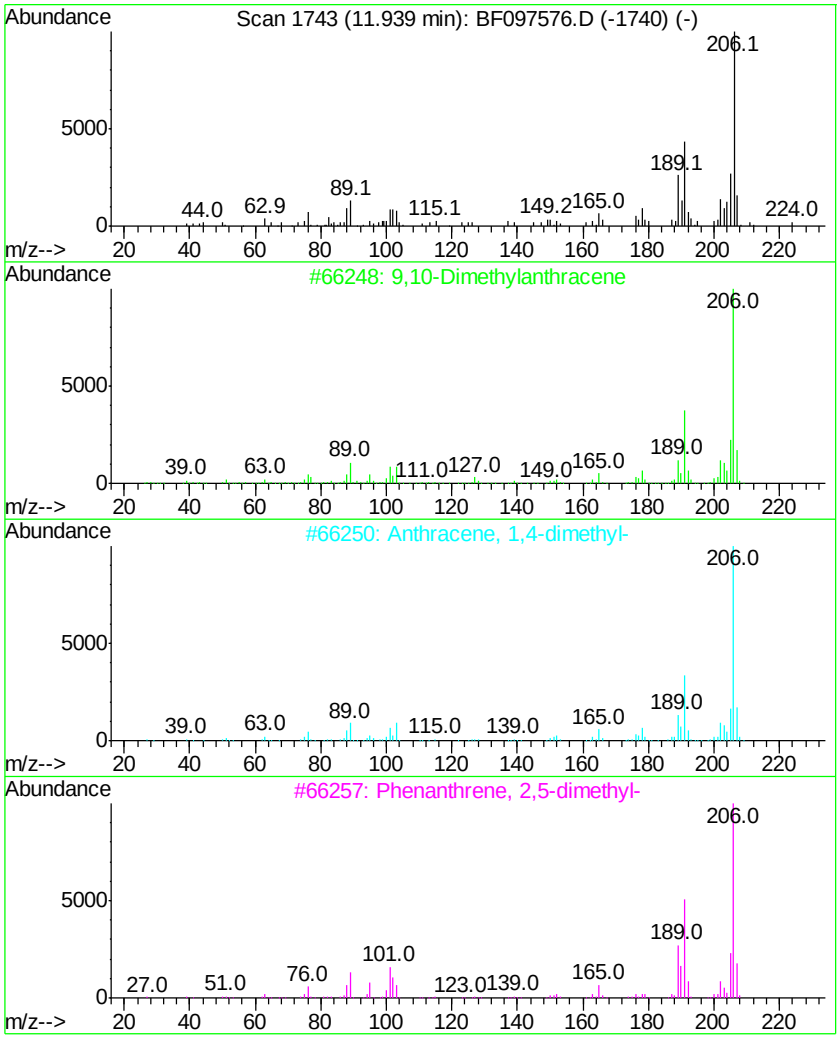
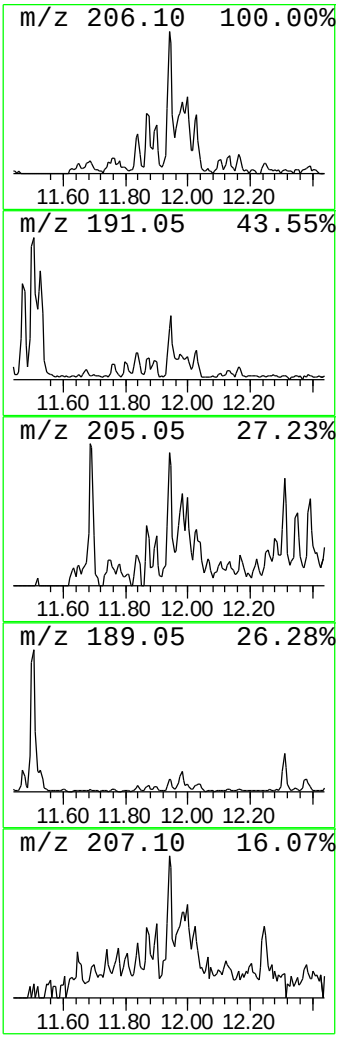
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.34 ng	86741	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Sample : I4697-14
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ClientSampleId : NYSEG-PH4-ESMI-9A

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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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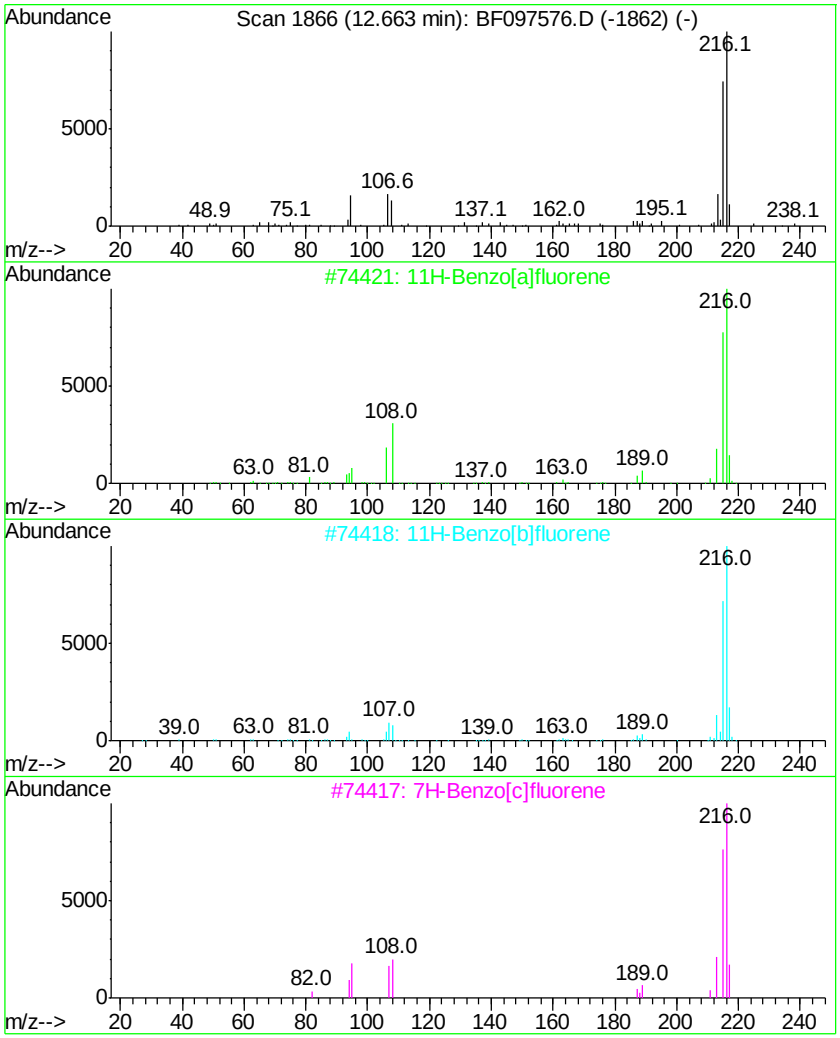
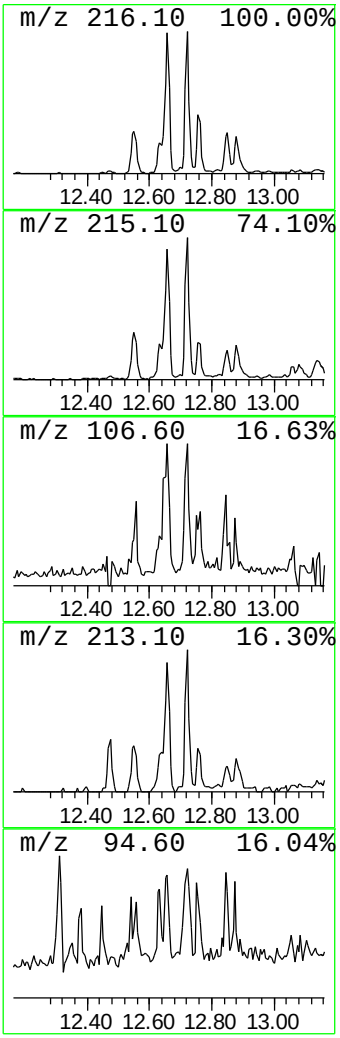
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.95 ng	176893	Chrysene-d12	13.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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Acq On : 10 Aug 2017 23:42
Operator : SJ/JU
Sample : I4697-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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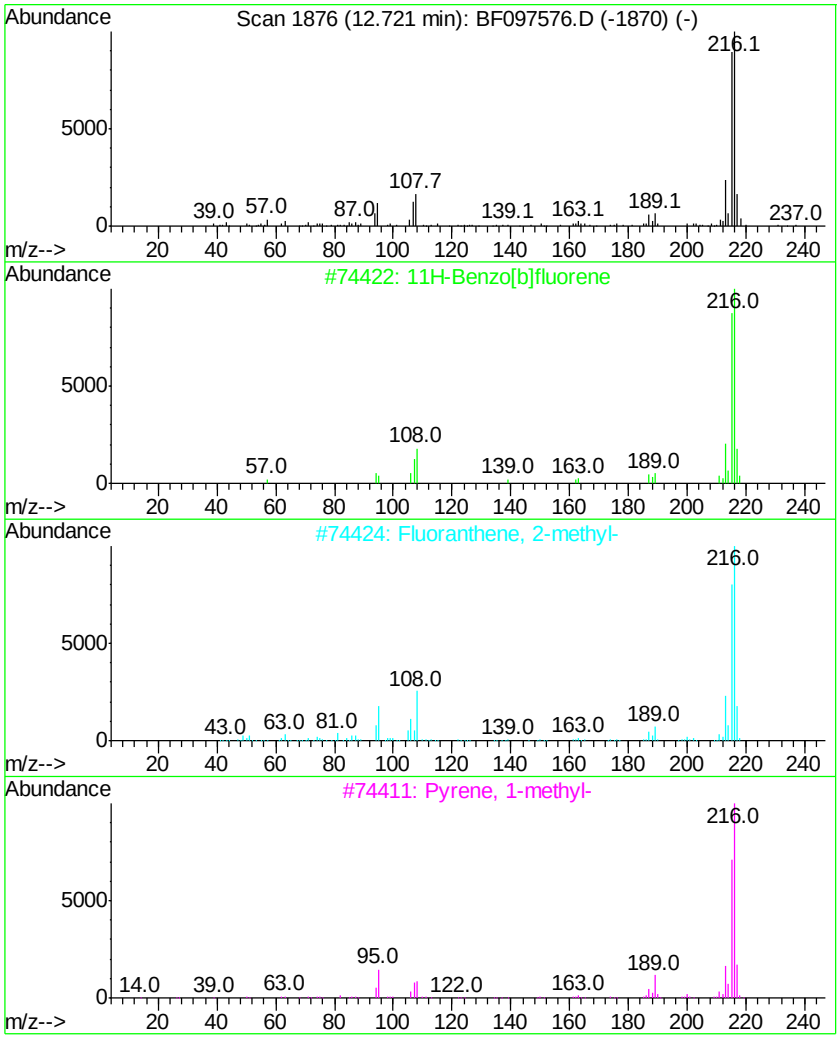
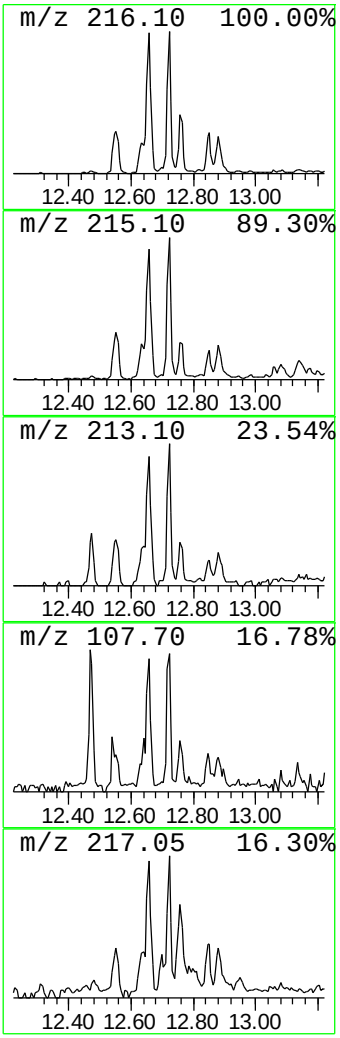
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.25 ng	194835	Chrysene-d12	13.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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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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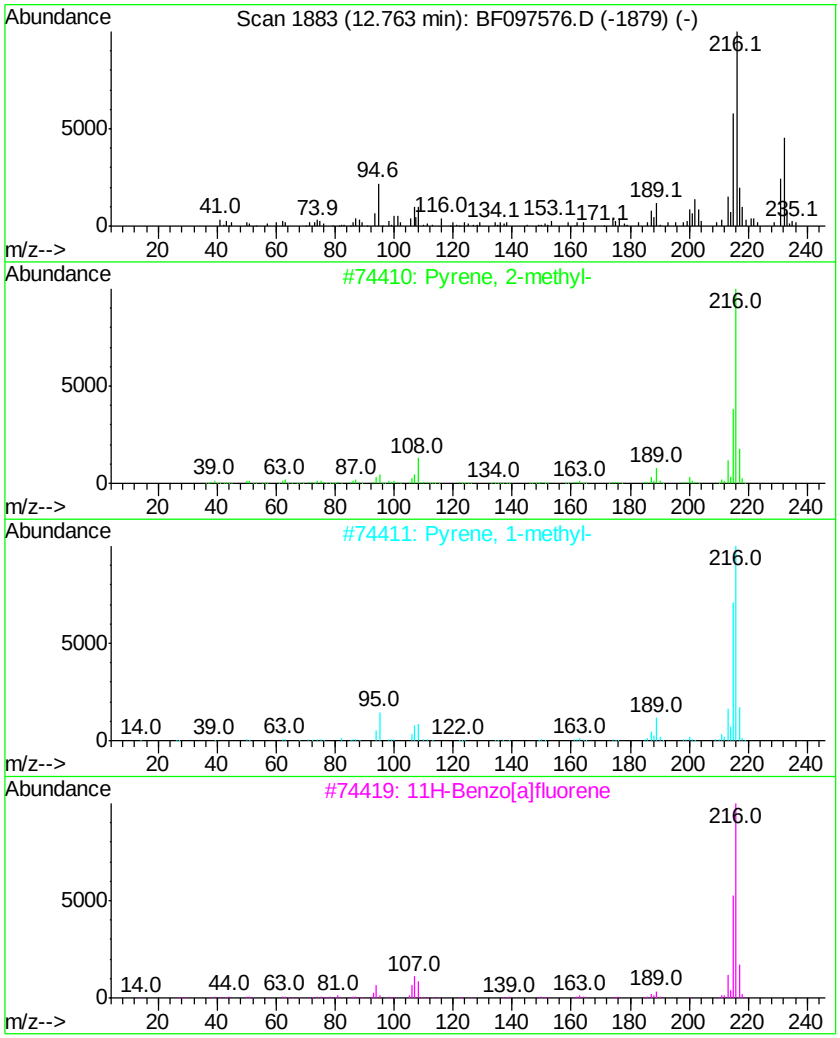
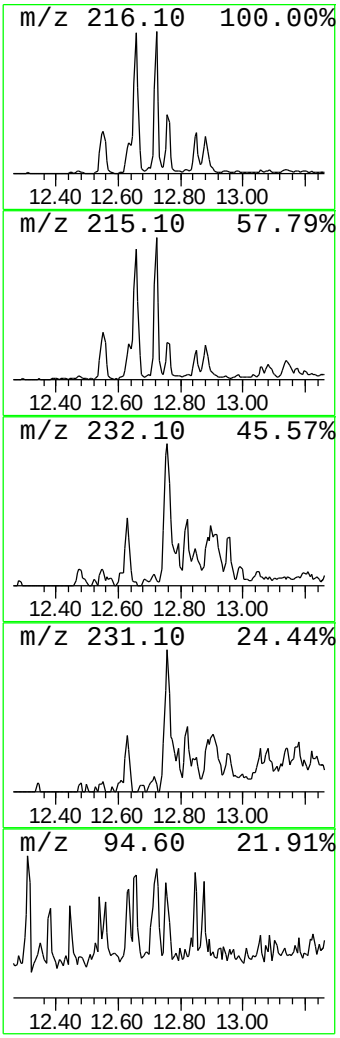
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.53 ng	151571	Chrysene-d12	13.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	46
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	38





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ALS Vial : 18 Sample Multiplier: 1

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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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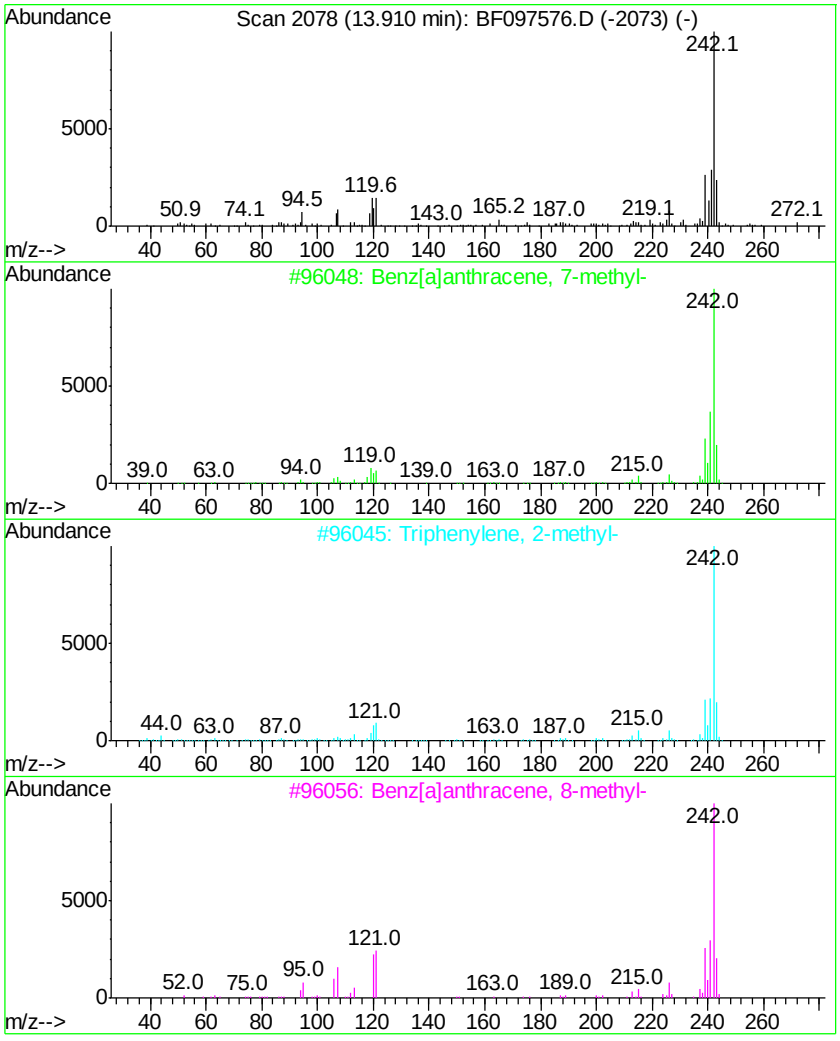
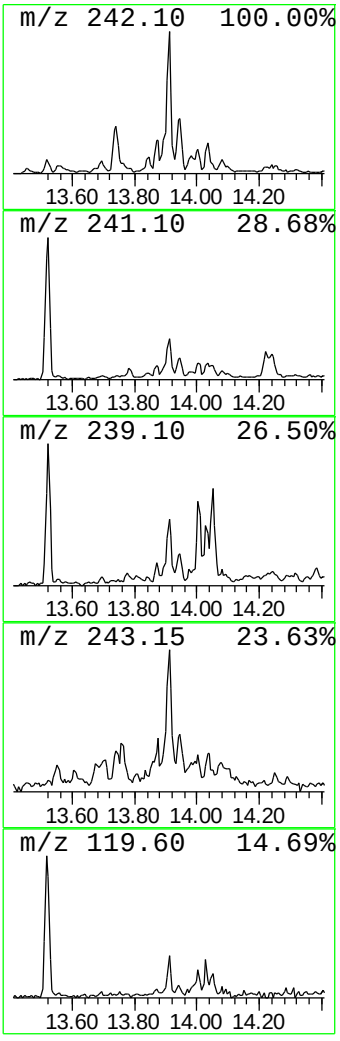
Peak Number 16 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	2.37 ng	142193	Chrysene-d12	13.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89





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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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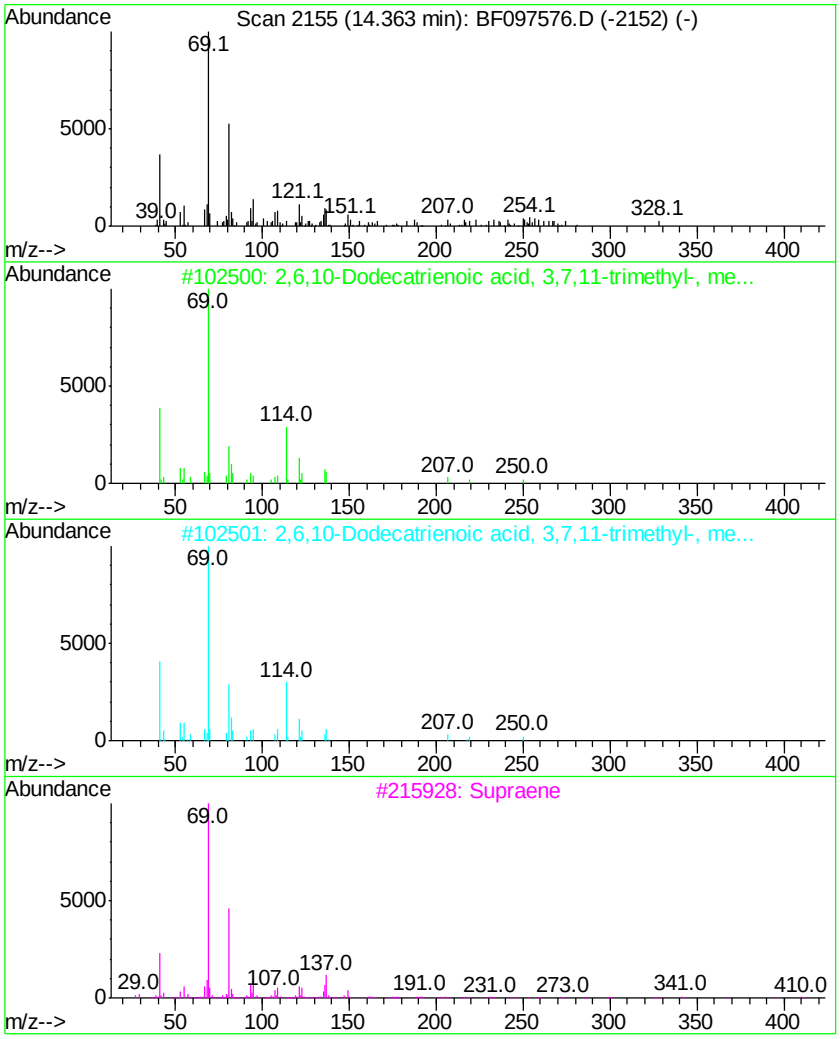
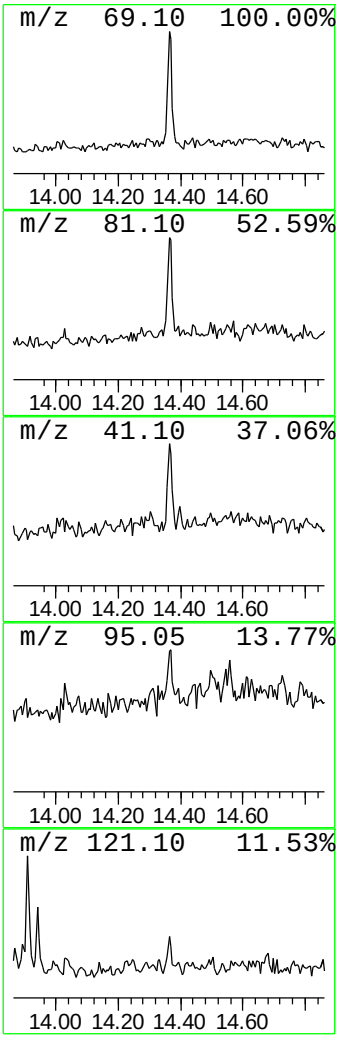
Peak Number 17 2,6,10-Dodecatrienoic acid,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.71 ng	69022	Perylene-d12	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrienoic acid, 3,7,...	250	C16H26O2	003675-00-1	81
2	2,6,10-Dodecatrienoic acid, 3,7,...	250	C16H26O2	004176-79-8	76
3	Supraene	410	C30H50	007683-64-9	72
4	Farnesol (E), methyl ether	236	C16H28O	1000352-67-3	64
5	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	59





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TIC Library : C:\DATABASE\NIST11.L
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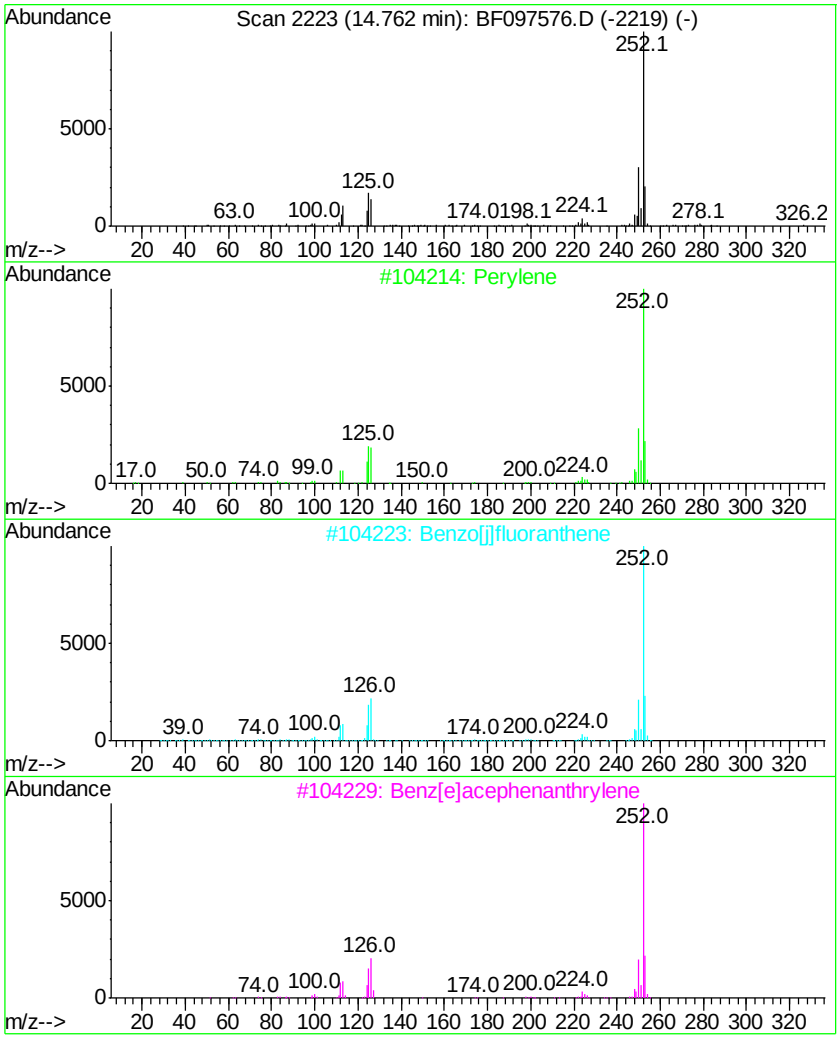
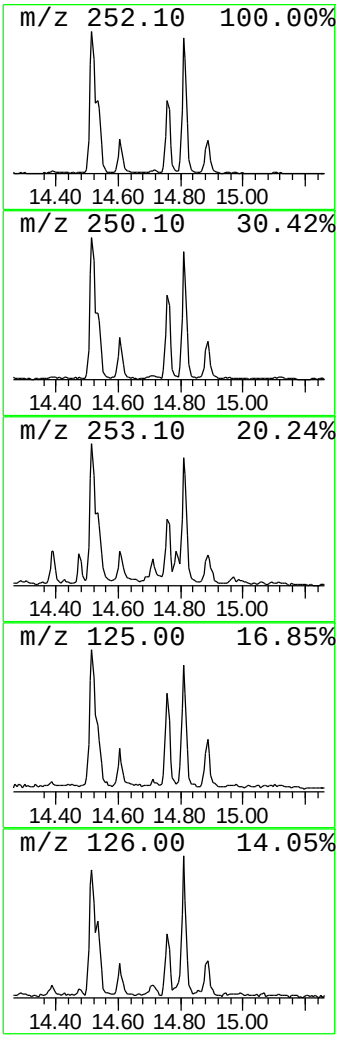
Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	9.07 ng	231012	Perylene-d12	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[e]pyrene	252	C20H12	000192-97-2	98
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





Tentatively Identified Compound (LSC) summary

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Data File : BF097576.D
Acq On : 10 Aug 2017 23:42
Operator : SJ/JU
Sample : I4697-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
2-Pentanone, 4-hy...	4.52	6.7	ng	216775	1	6.39	644905	20.0
unknown6.16	6.16	64.8	ng	2090960	1	6.39	644905	20.0
Tridecane	10.34	2.4	ng	87460	4	10.89	739840	20.0
Naphtho[2,3-b]thi...	10.79	2.7	ng	101404	4	10.89	739840	20.0
Phenanthrene, 1-m...	11.39	3.4	ng	125191	4	10.89	739840	20.0
Anthracene, 1-met...	11.42	4.3	ng	160410	4	10.89	739840	20.0
Anthracene, 9-met...	11.47	2.3	ng	84707	4	10.89	739840	20.0
4H-Cyclopenta[def...	11.50	7.6	ng	282696	4	10.89	739840	20.0
Naphthalene, 2-ph...	11.69	3.1	ng	113473	4	10.89	739840	20.0
9,10-Dimethylanth...	11.94	2.3	ng	86741	4	10.89	739840	20.0
11H-Benzo[a]fluorene	12.66	3.0	ng	176893	5	13.52	1197460	20.0
11H-Benzo[b]fluorene	12.72	3.3	ng	194835	5	13.52	1197460	20.0
Pyrene, 2-methyl-	12.76	2.5	ng	151571	5	13.52	1197460	20.0
Benz[a]anthracene...	13.91	2.4	ng	142193	5	13.52	1197460	20.0
2,6,10-Dodecatrie...	14.36	2.7	ng	69022	6	14.86	509136	20.0
Perylene	14.76	9.1	ng	231012	6	14.86	509136	20.0