LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118840.D
Acq On : 6 Feb 2020 16:41
Operator : CG/JU
Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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	5.434	565	569	572	rBV	3754561	3461207	37.84%	2.020%
2	6.445	736	741	744	rBV	3910763	3582590	39.17%	2.091%
3	6.810	800	803	807	rBV	1511816	1349913	14.76%	0.788%
4	6.969	826	830	833	rBV	3929487	3483179	38.08%	2.033%
5	7.369	892	898	902	rBV	2600310	2660687	29.09%	1.553%
6	7.910	986	990	997	rVB	287735	322831	3.53%	0.188%
7	8.092	1017	1021	1023	rBV	1927861	1888064	20.64%	1.102%
8	8.116	1023	1025	1028	rVB	2314236	1760619	19.25%	1.028%
9	8.739	1125	1131	1138	rVB2	184480	336602	3.68%	0.196%
10	8.804	1138	1142	1146	rBV	654042	581651	6.36%	0.340%
11	8.904	1155	1159	1163	rBV	613939	524074	5.73%	0.306%
12	9.169	1200	1204	1208	rVV	5565142	4944685	54.06%	2.886%
13	9.269	1215	1221	1222	rBV2	355021	386421	4.22%	0.226%
14	9.292	1222	1225	1229	rVB	1834958	1791338	19.59%	1.046%
15	9.504	1258	1261	1264	rVV	289430	305244	3.34%	0.178%
16	9.569	1268	1272	1276	rVV2	867717	964163	10.54%	0.563%
17	9.710	1292	1296	1300	rBV	2092080	1756632	19.21%	1.025%
18	9.851	1314	1320	1322	rBV	2331050	2261329	24.72%	1.320%
19	9.880	1322	1325	1328	rVB	811851	681043	7.45%	0.398%
20	10.051	1350	1354	1358	rVV	697701	603938	6.60%	0.353%
21	10.157	1368	1372	1375	rBV2	229040	306673	3.35%	0.179%
22	10.392	1409	1412	1416	rBV	978096	910716	9.96%	0.532%
23	10.433	1416	1419	1422	rBV	808549	761673	8.33%	0.445%
24	10.633	1448	1453	1457	rBV	3635287	3745225	40.95%	2.186%
25	10.757	1471	1474	1481	rBV2	457727	474056	5.18%	0.277%
26	10.939	1498	1505	1508	rBV5	303368	578044	6.32%	0.337%
27	11.092	1529	1531	1533	rVV	419595	347836	3.80%	0.203%
28	11.133	1536	1538	1543	rVB3	367394	404358	4.42%	0.236%
29	11.192	1543	1548	1552	rBV3	466266	887374	9.70%	0.518%
30	11.227	1552	1554	1560	rVB	472896	496998	5.43%	0.290%
31	11.333	1568	1572	1574	rBV	2414122	2553947	27.92%	1.491%
32	11.363	1574	1577	1580	rVV	6445736	6094744	66.64%	3.558%
33	11.410	1580	1585	1588	rVV	2237085	2032029	22.22%	1.186%
34	11.439	1588	1590	1594	rVB2	419999	380269	4.16%	0.222%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
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Acq On : 6 Feb 2020 16:41
Operator : CG/JU
Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.557	1605	1610	1613	rVV2	914197	1010367	11.05%	0.590%
36	11.627	1620	1622	1625	rVV2	427708	371726	4.06%	0.217%
37	11.833	1653	1657	1659	rVV	1294819	1186360	12.97%	0.693%
38	11.863	1659	1662	1667	rVV	2503968	2293310	25.07%	1.339%
39	11.910	1667	1670	1673	rVV	1110286	948392	10.37%	0.554%
40	11.945	1673	1676	1679	rVV	2020051	2379558	26.02%	1.389%
41	11.968	1679	1680	1685	rVV	1025222	596426	6.52%	0.348%
42	12.039	1689	1692	1694	rVV2	370712	355399	3.89%	0.207%
43	12.127	1704	1707	1709	rVV	1024614	867780	9.49%	0.507%
44	12.151	1709	1711	1714	rVB	454445	383419	4.19%	0.224%
45	12.280	1728	1733	1736	rBV2	439151	566285	6.19%	0.331%
46	12.333	1740	1742	1745	rVB	405530	318782	3.49%	0.186%
47	12.380	1747	1750	1754	rBV2	1564911	1873486	20.48%	1.094%
48	12.427	1755	1758	1759	rVV2	703791	767228	8.39%	0.448%
49	12.474	1763	1766	1770	rVB3	631117	802798	8.78%	0.469%
50	12.551	1774	1779	1782	rBV	7101044	8070867	88.24%	4.711%
51	12.639	1792	1794	1797	rVB	841454	725608	7.93%	0.424%
52	12.780	1812	1818	1823	rBV2	6287572	9146292	100.00%	5.339%
53	12.821	1823	1825	1831	rVB2	652565	864070	9.45%	0.504%
54	12.892	1834	1837	1838	rBV	832694	686971	7.51%	0.401%
55	12.915	1838	1841	1848	rVB	5167534	5640955	61.67%	3.293%
56	12.992	1849	1854	1858	rBV2	1103217	1897333	20.74%	1.108%
57	13.080	1866	1869	1870	rVV	1006998	996259	10.89%	0.582%
58	13.104	1870	1873	1876	rVB	2462003	2474855	27.06%	1.445%
59	13.168	1881	1884	1887	rVV	1209178	1208128	13.21%	0.705%
60	13.210	1887	1891	1894	rVV2	1610966	1852810	20.26%	1.082%
61	13.262	1898	1900	1904	rBV2	353459	456002	4.99%	0.266%
62	13.298	1904	1906	1909	rVV	967277	918023	10.04%	0.536%
63	13.327	1909	1911	1915	rVB	973055	990486	10.83%	0.578%
64	13.398	1921	1923	1929	rVB4	281909	483673	5.29%	0.282%
65	13.504	1934	1941	1943	rBV6	554165	1260158	13.78%	0.736%
66	13.592	1952	1956	1957	rBV2	281975	397607	4.35%	0.232%
67	13.610	1957	1959	1964	rVB	1054183	1101059	12.04%	0.643%
68	13.721	1974	1978	1981	rBV2	834158	1179382	12.89%	0.688%
69	13.751	1981	1983	1985	rVV	1078654	854347	9.34%	0.499%
70	13.774	1985	1987	1991	rVV2	699436	1125573	12.31%	0.657%
71	13.815	1991	1994	2001	rVB2	1785275	2341457	25.60%	1.367%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.968	2013	2020	2024	rBV3	5340544	9125575	99.77%	5.327%
73	14.004	2024	2026	2033	rVB	4781527	4392364	48.02%	2.564%
74	14.115	2042	2045	2047	rBV	567251	509275	5.57%	0.297%
75	14.192	2055	2058	2062	rBV3	554497	736929	8.06%	0.430%
76	14.321	2078	2080	2082	rBV	424761	393743	4.30%	0.230%
77	14.357	2082	2086	2089	rVV	1544409	1890735	20.67%	1.104%
78	14.392	2089	2092	2096	rVV	974044	1061476	11.61%	0.620%
79	14.451	2096	2102	2105	rVV4	817066	1693163	18.51%	0.988%
80	14.486	2105	2108	2109	rVV2	954380	989201	10.82%	0.577%
81	14.504	2109	2111	2115	rVV2	850751	929380	10.16%	0.542%
82	14.551	2117	2119	2125	rVB3	545442	630448	6.89%	0.368%
83	14.662	2135	2138	2141	rBV2	311218	447436	4.89%	0.261%
84	14.745	2149	2152	2155	rBV2	401994	420485	4.60%	0.245%
85	14.821	2162	2165	2167	rBV	472667	537829	5.88%	0.314%
86	15.009	2191	2197	2204	rBV	3436900	7350526	80.37%	4.291%
87	15.074	2206	2208	2211	rVV	376608	435780	4.76%	0.254%
88	15.109	2211	2214	2218	rVB	1172690	1297457	14.19%	0.757%
89	15.304	2242	2247	2253	rVB	2487791	3652906	39.94%	2.132%
90	15.374	2253	2259	2263	rBV	3531301	4776361	52.22%	2.788%
91	15.427	2263	2268	2270	rBV	1592973	2091341	22.87%	1.221%
92	15.456	2270	2273	2280	rVB2	1149429	1750998	19.14%	1.022%
93	15.927	2350	2353	2358	rVV3	384467	638409	6.98%	0.373%
94	15.974	2358	2361	2371	rVB3	479670	781994	8.55%	0.456%
95	16.874	2506	2514	2520	rVB	1977282	4077927	44.59%	2.380%
96	16.939	2521	2525	2533	rVB2	211346	399625	4.37%	0.233%
97	17.033	2536	2541	2546	rBV	374058	771566	8.44%	0.450%
98	17.092	2547	2551	2556	rVV3	243822	426612	4.66%	0.249%
99	17.321	2580	2590	2601	rVB	2220312	5420523	59.26%	3.164%
100	17.527	2620	2625	2632	rBV	321577	671840	7.35%	0.392%

Sum of corrected areas: 171315287

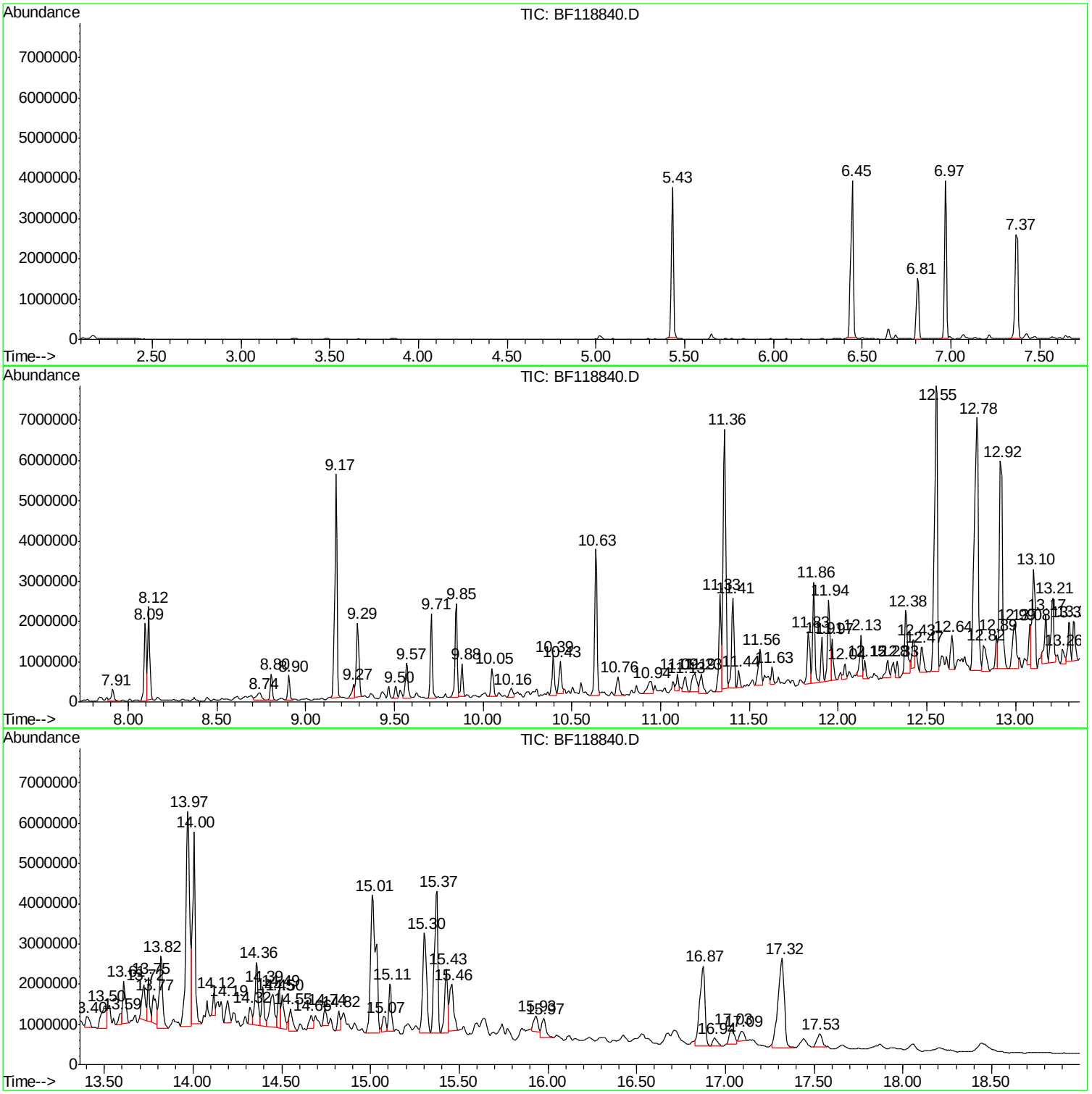
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118840.D
Acq On : 6 Feb 2020 16:41
Operator : CG/JU
Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118840.D
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Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

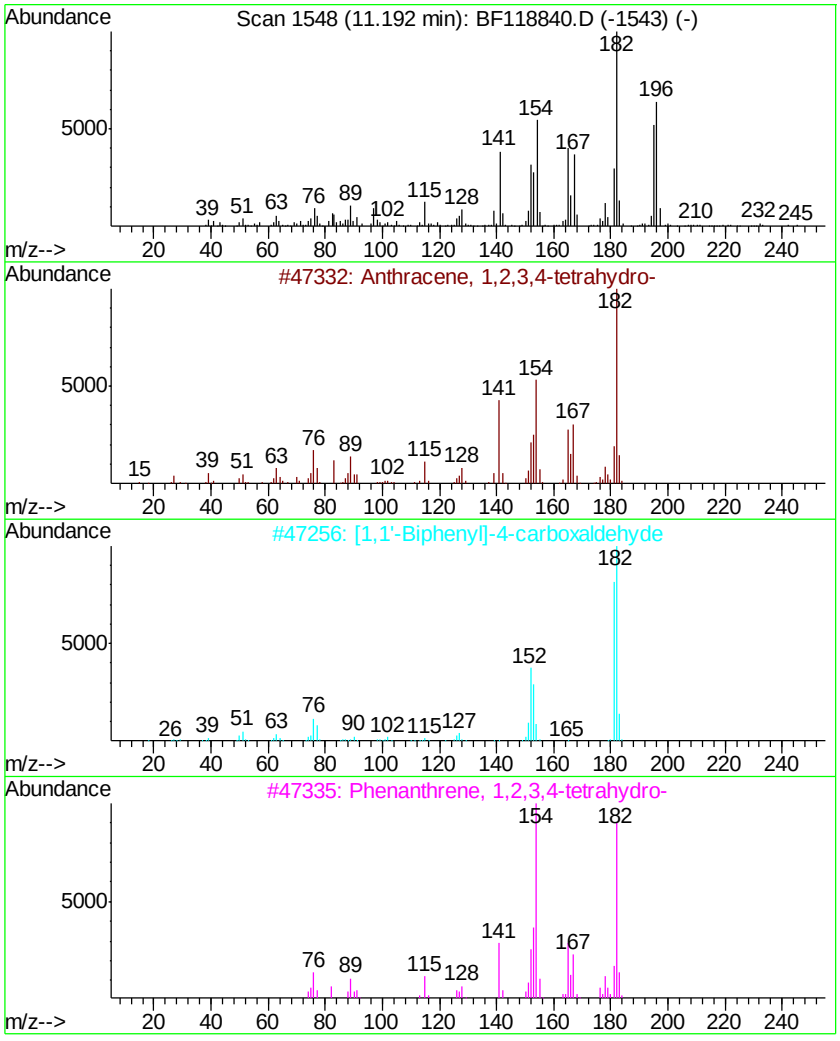
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

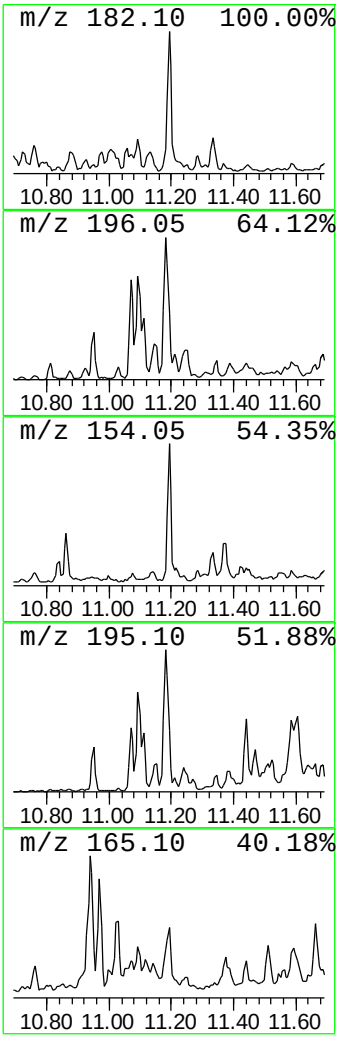
****

Peak Number 2 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	6.95 ng	887374	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	50
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118840.D
Acq On : 6 Feb 2020 16:41
Operator : CG/JU
Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

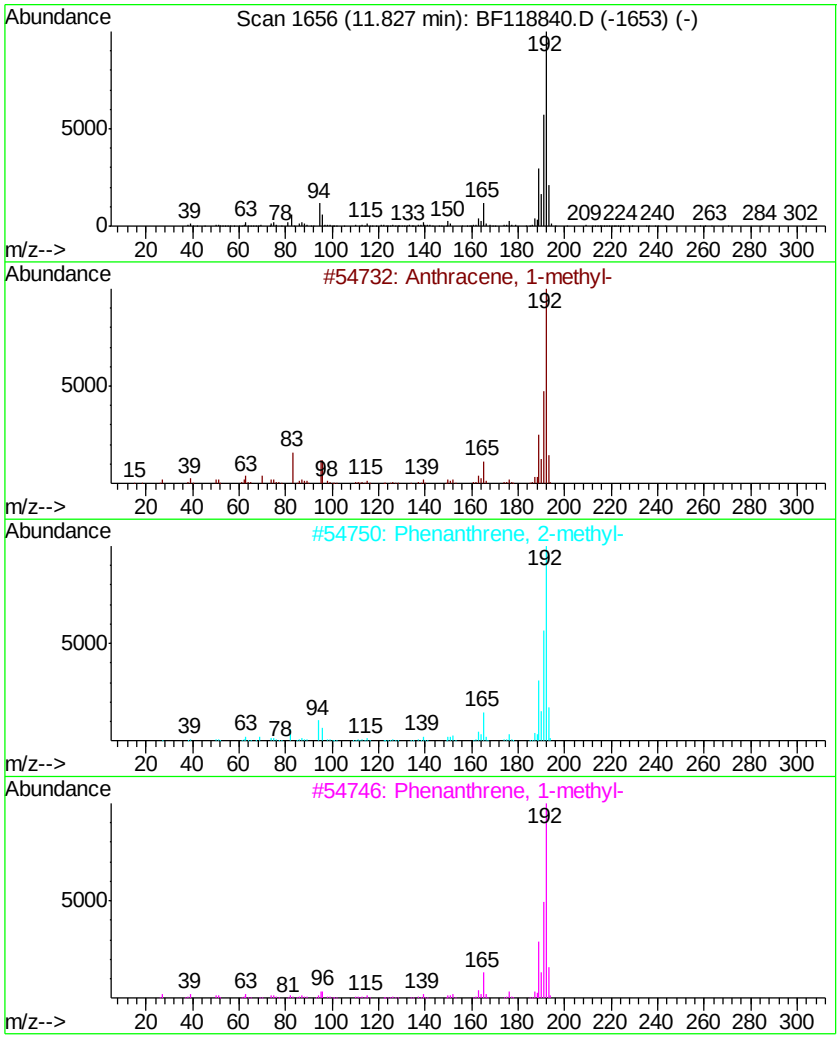
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

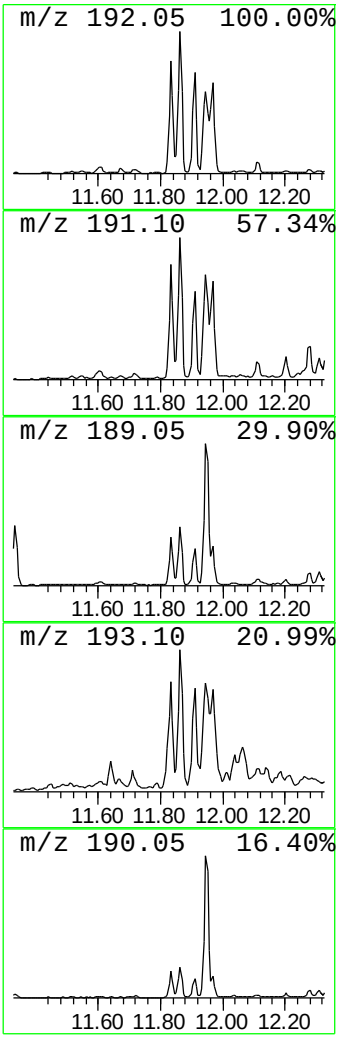
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	9.29 ng	1186360	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118840.D
Acq On : 6 Feb 2020 16:41
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Sample : L1408-11
Misc :
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Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

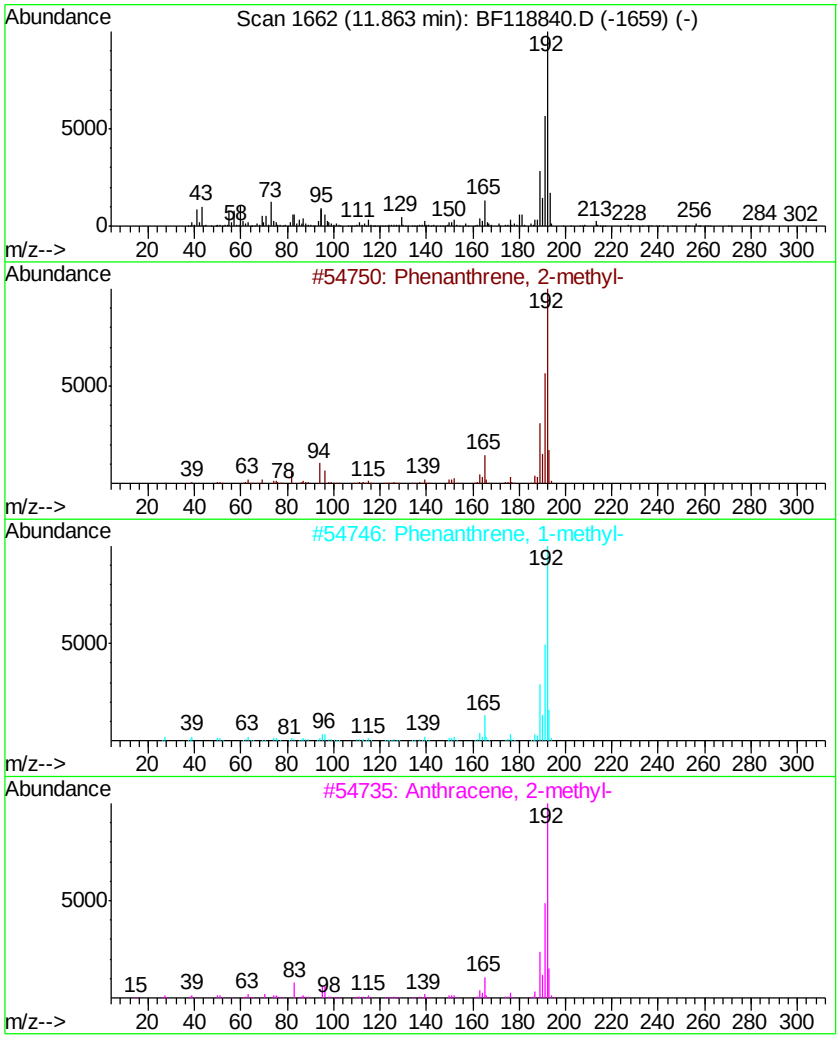
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

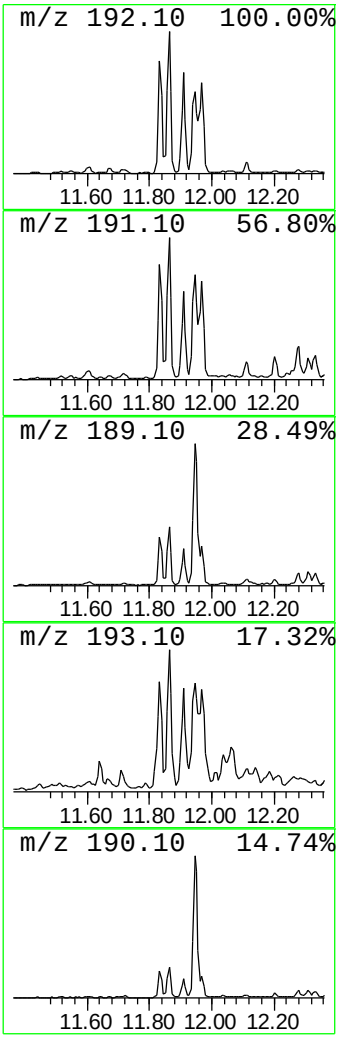
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	17.96 ng	2293310	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118840.D
Acq On : 6 Feb 2020 16:41
Operator : CG/JU
Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-PATH-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

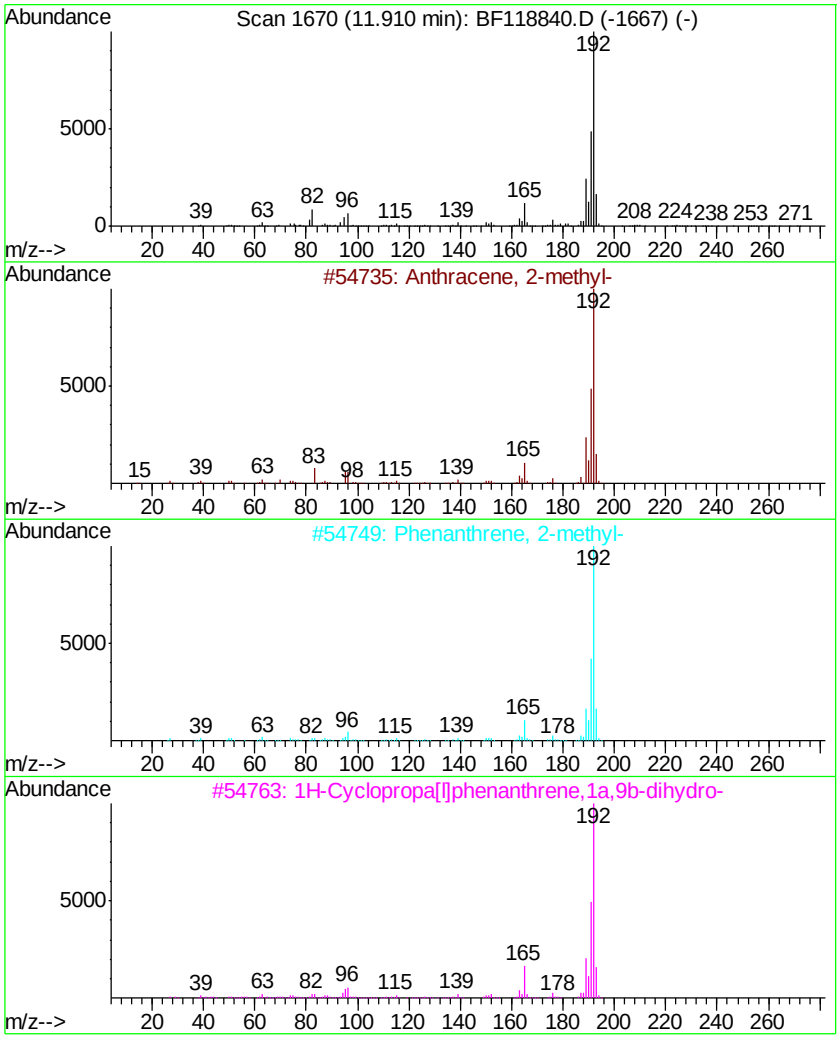
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

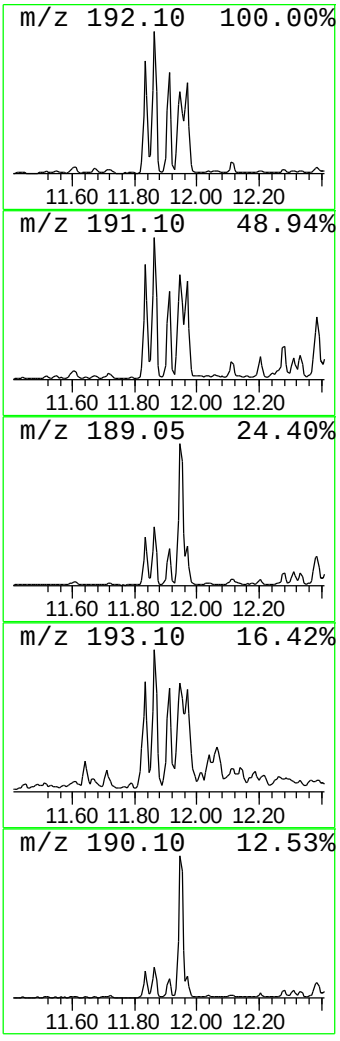
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	7.43 ng	948392	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118840.D
Acq On : 6 Feb 2020 16:41
Operator : CG/JU
Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

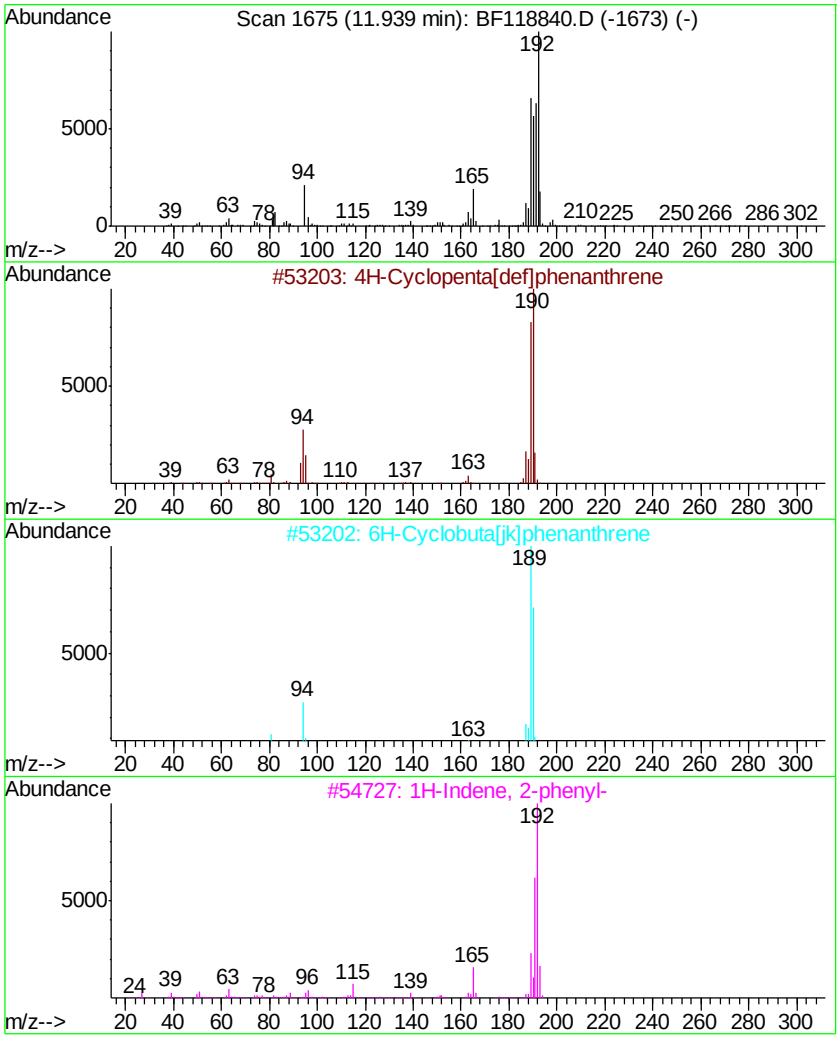
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

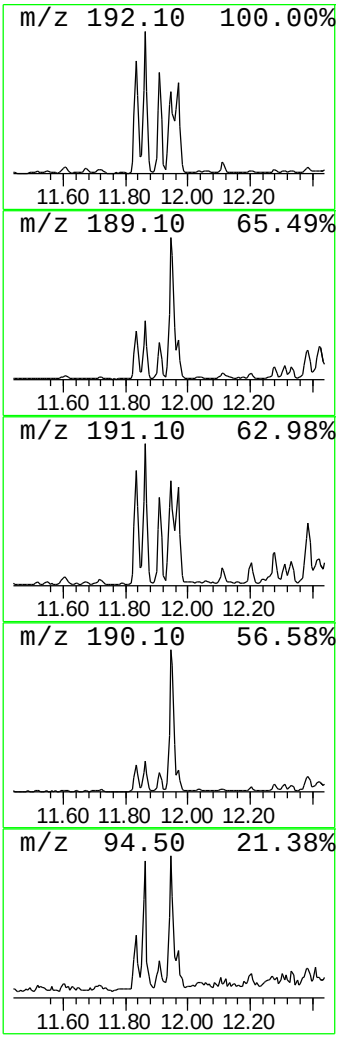
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	18.63 ng	2379560	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Operator : CG/JU
Sample : L1408-11
Misc :
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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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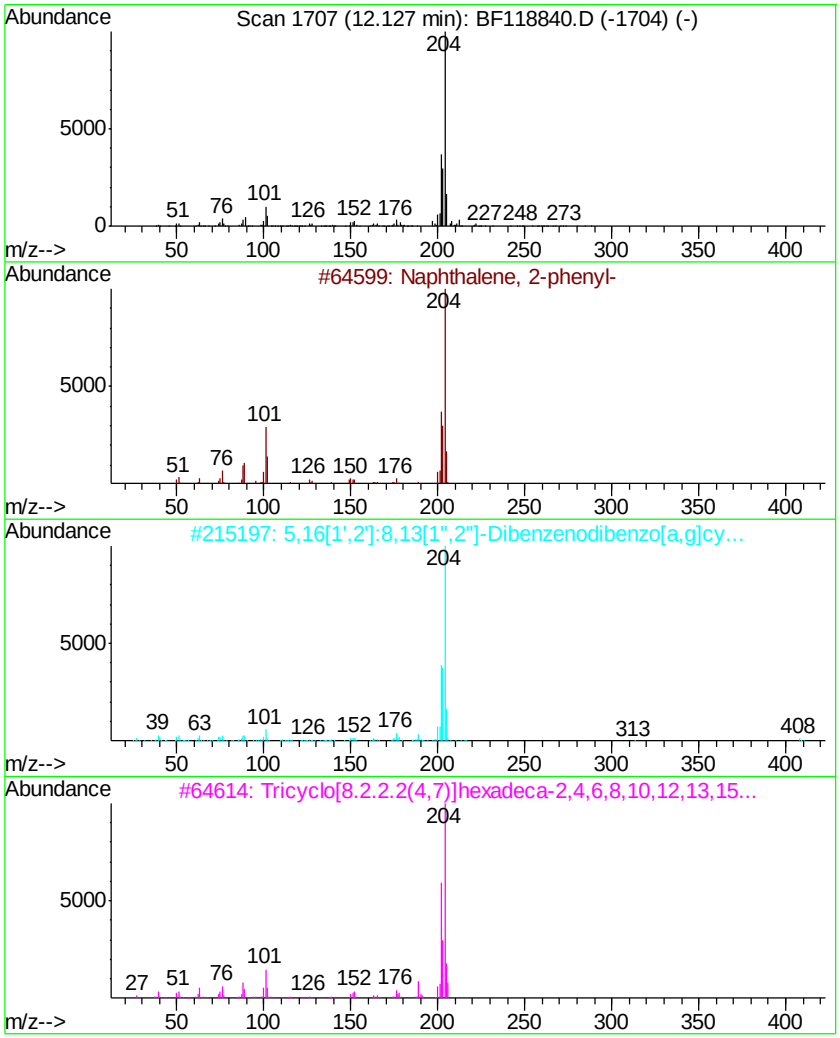
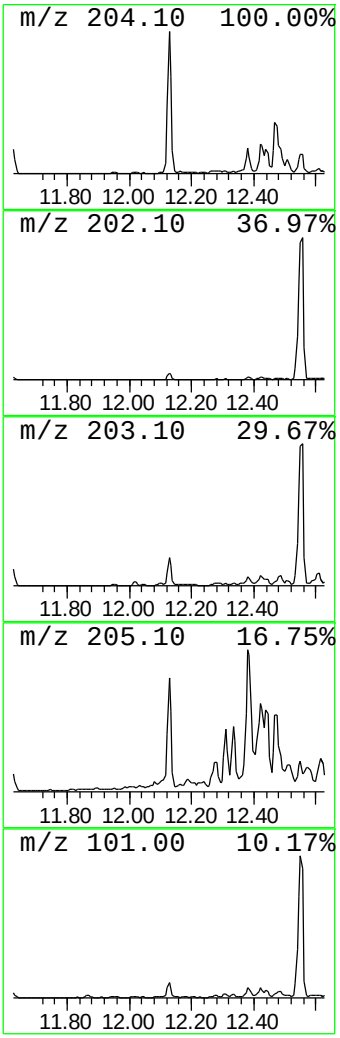
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	6.80 ng	867780	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	53





Library Search Compound Report

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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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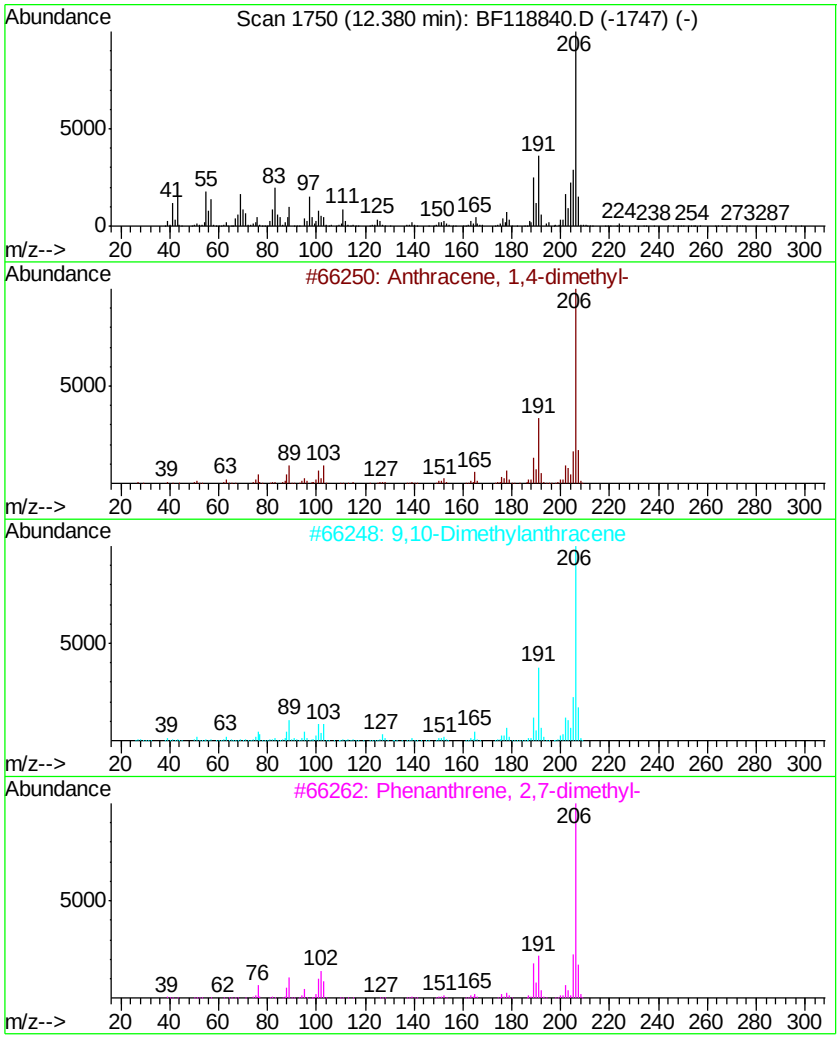
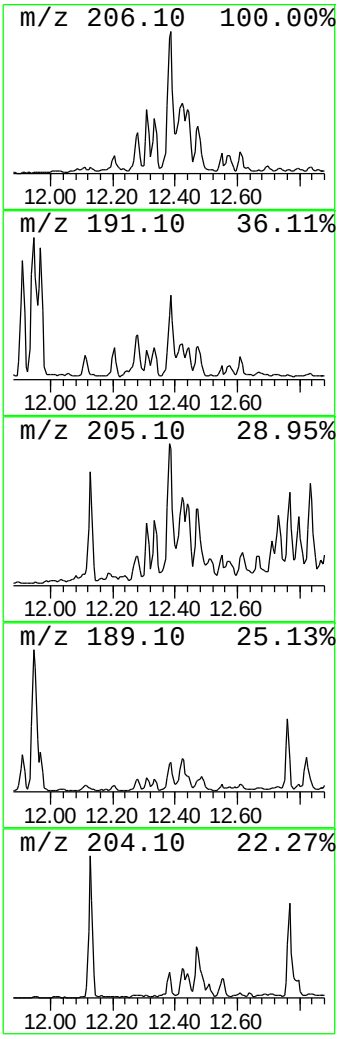
Peak Number 8 Anthracene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	14.67 ng	1873490	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





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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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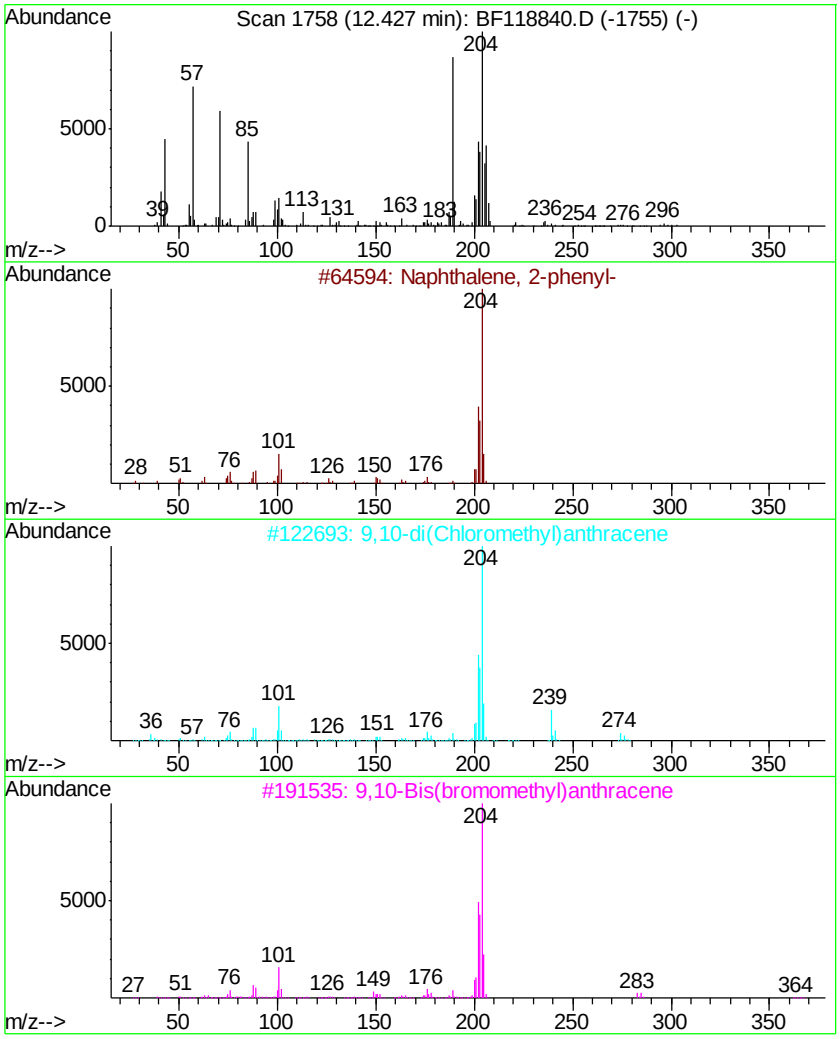
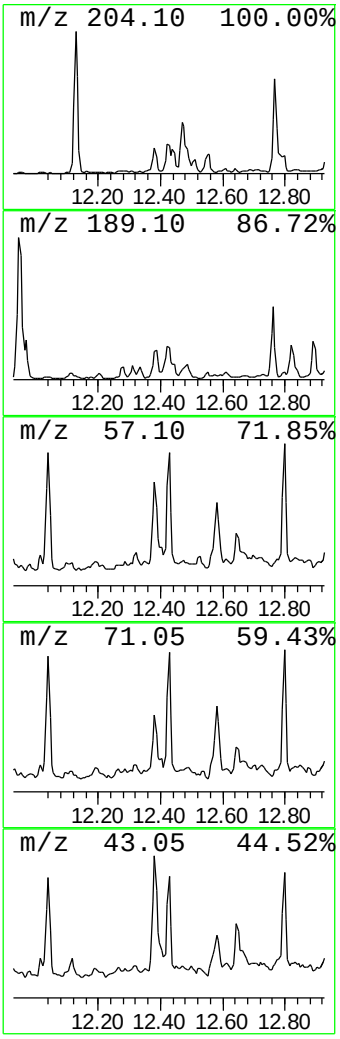
Peak Number 9 unknown12.43 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.01 ng	767228	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	30
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	30
4	3-Methoxy-2,4,5-trifluorobenzoic...	276	C13H15F3O3	1000331-58-8	30
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	27





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Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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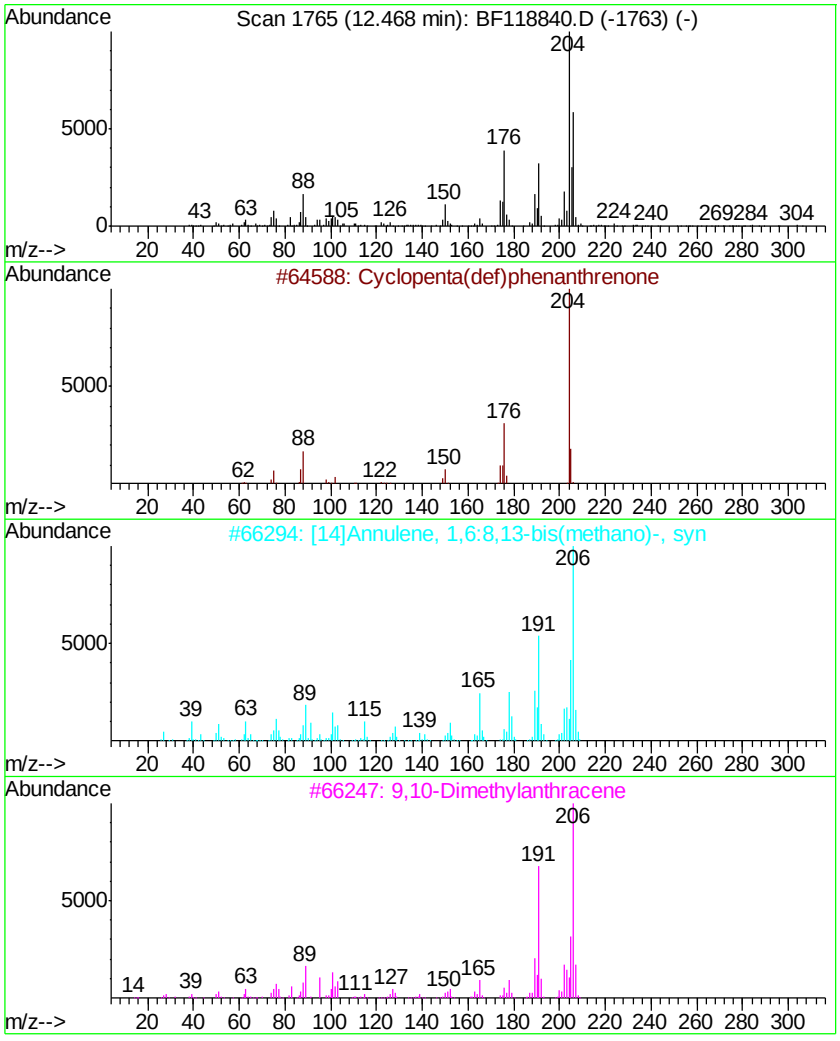
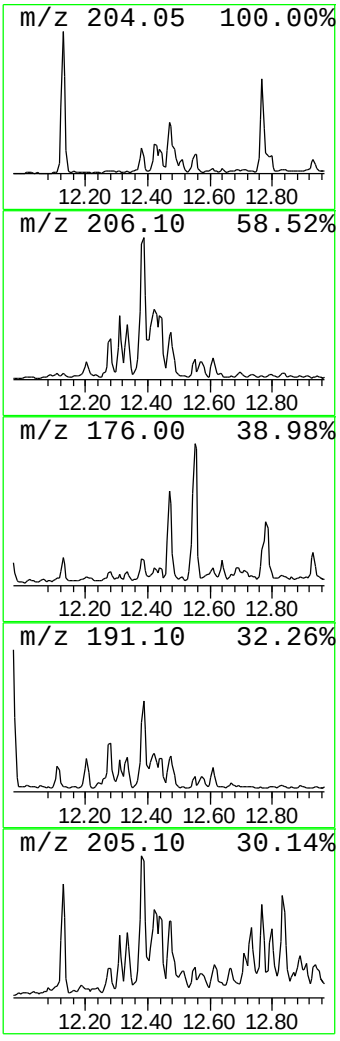
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	6.29 ng	802798	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	45
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	41
4	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	38
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	35





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ALS Vial : 11 Sample Multiplier: 1

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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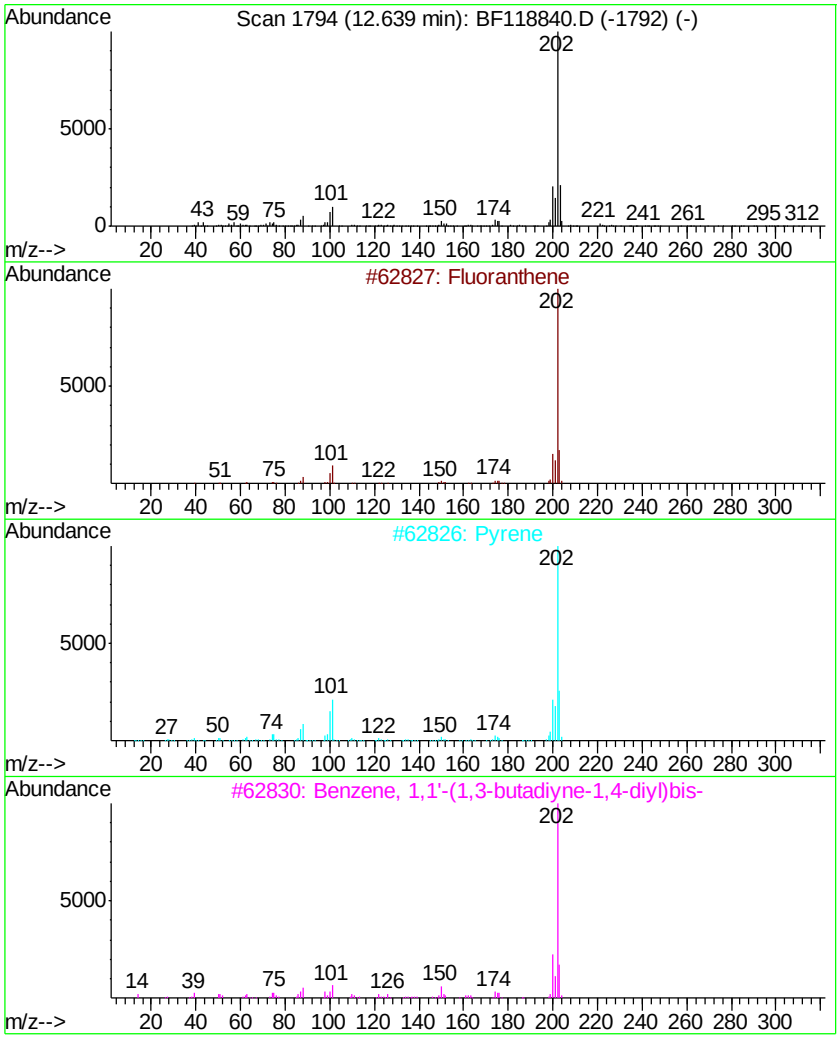
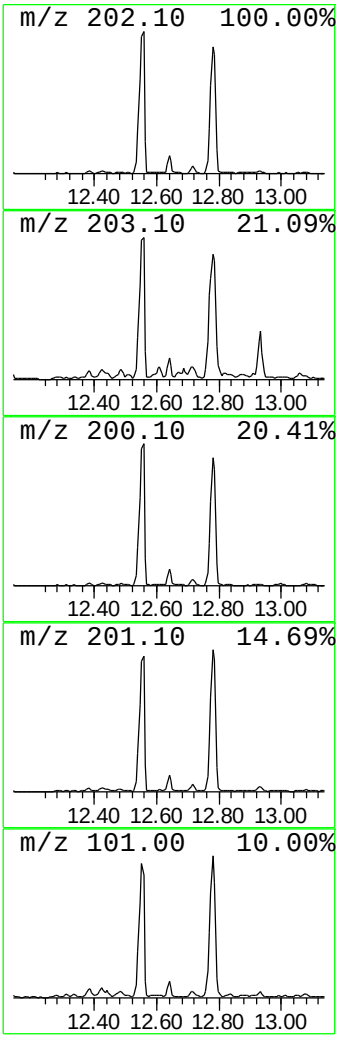
Peak Number 11 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	5.68 ng	725608	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	95
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	74
4	Furan-2-one, 2,5-dihydro-5-(4-me...	202	C12H10O3	024962-84-3	38
5	l-Leucine, N-methyl-N-(2-methoxy...	485	C28H55NO5	1000328-55-1	28





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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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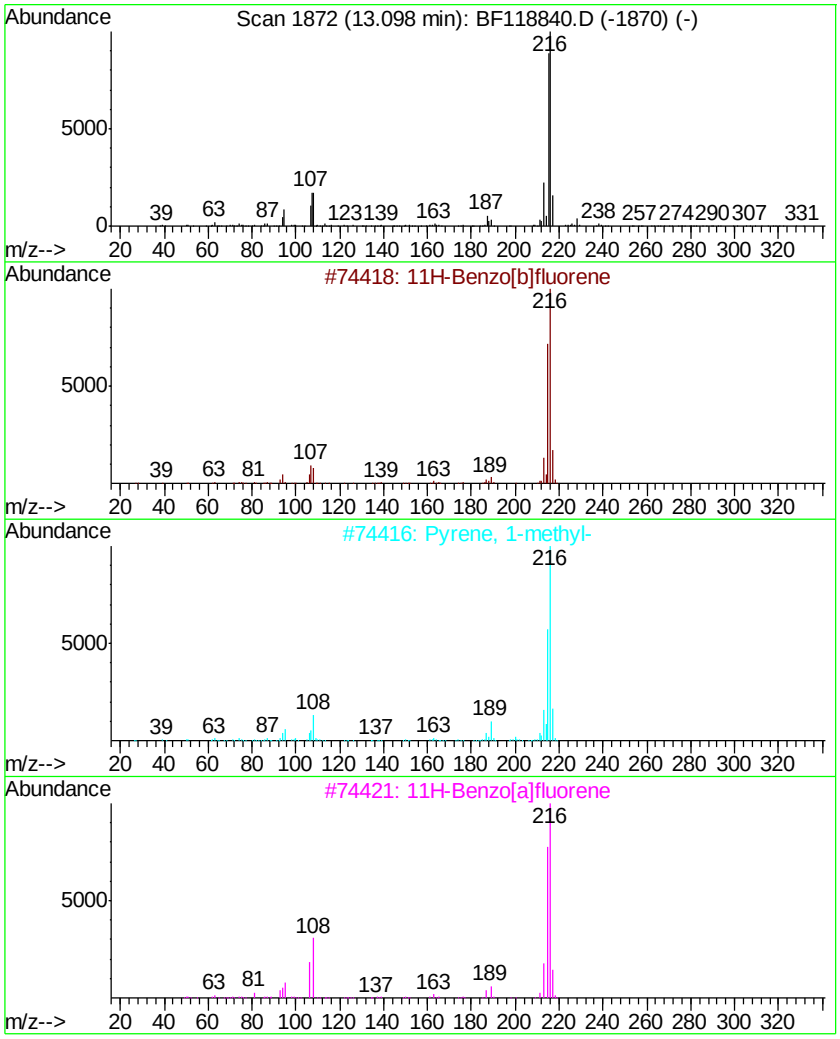
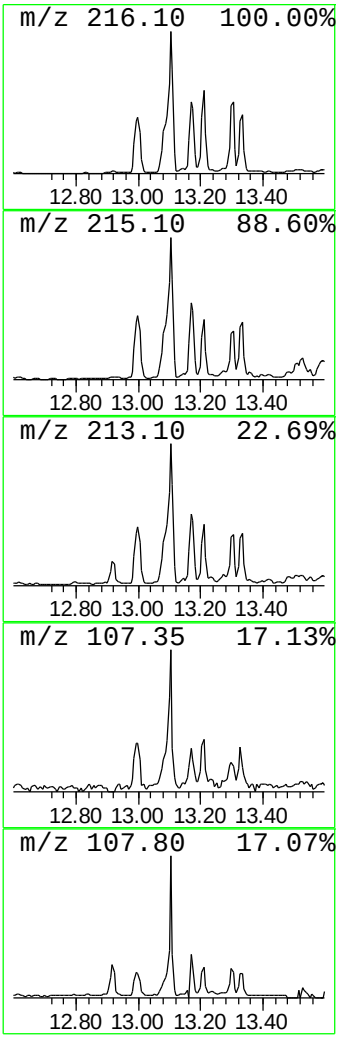
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	5.42 ng	2474860	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





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Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

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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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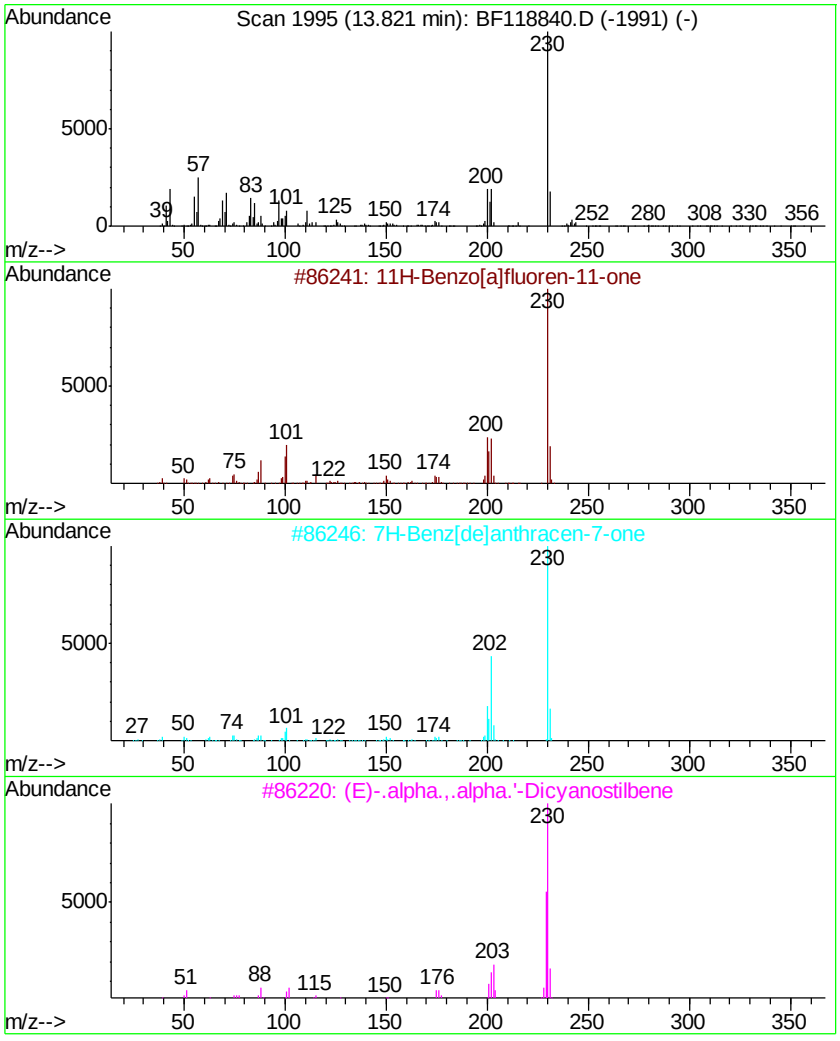
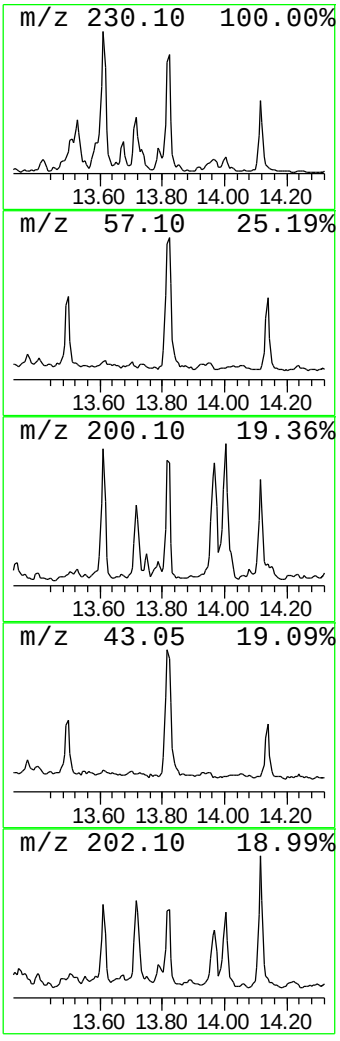
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.13 ng	2341460	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	47
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	38
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	38





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Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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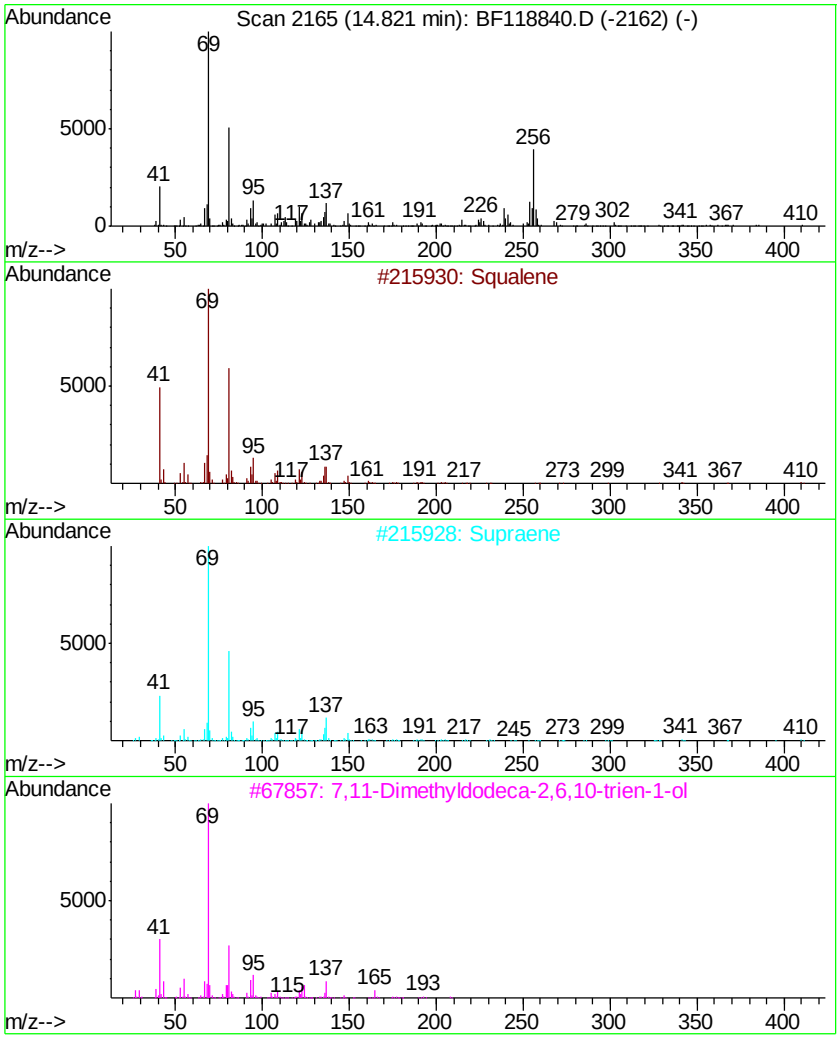
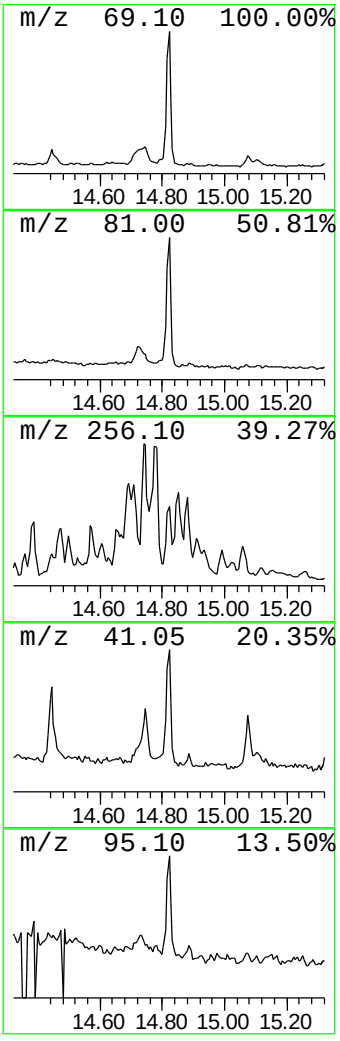
Peak Number 14 Squalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	5.14 ng	537829	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	97
2	Supraene	410	C30H50	007683-64-9	97
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	38
4	trans-Farnesol	222	C15H26O	000106-28-5	37
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	37





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ClientSampleId : SHORE-RD-PATH-BH-04-A

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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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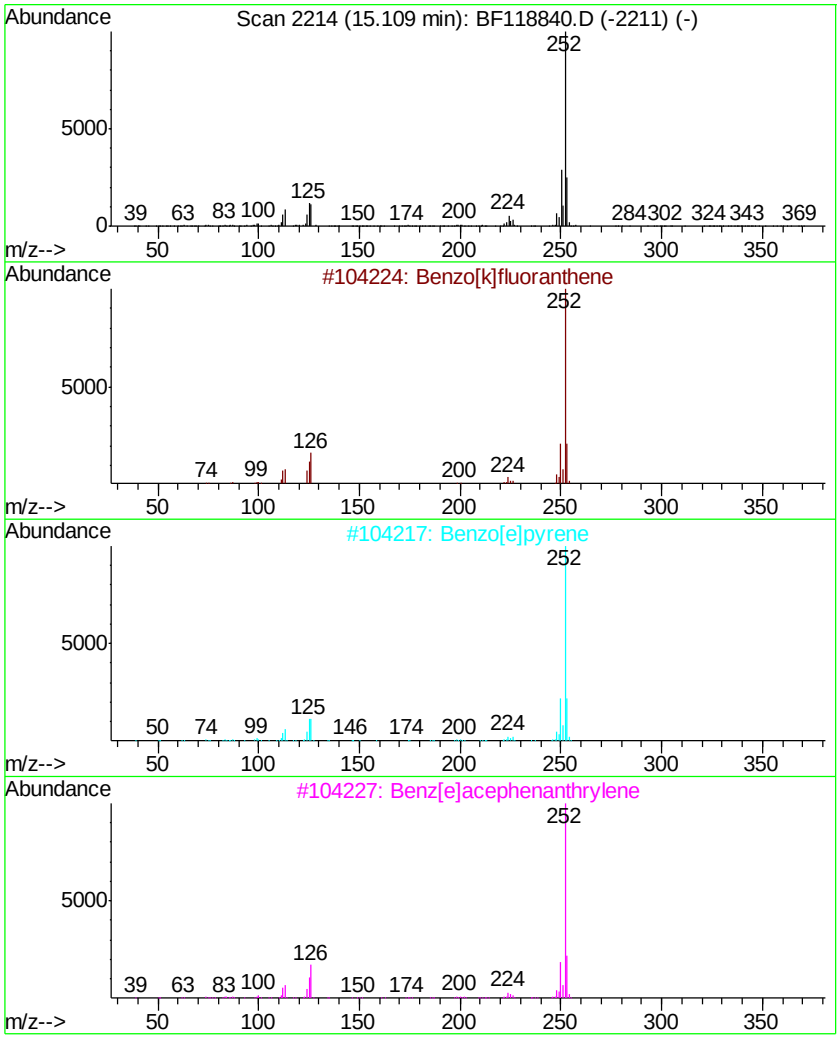
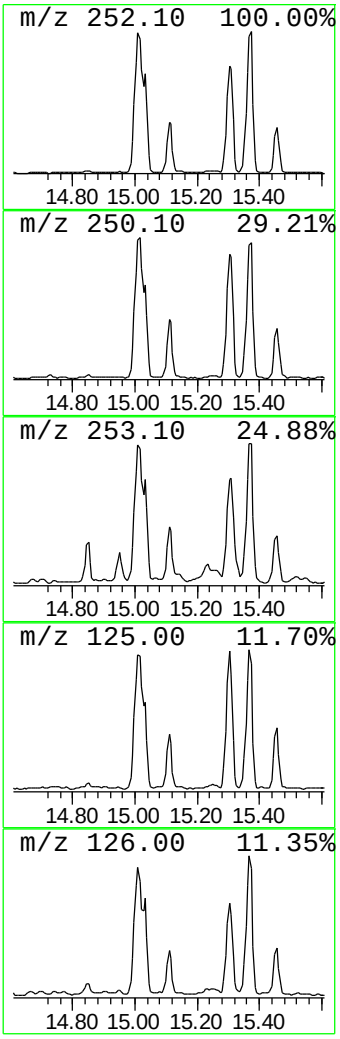
Peak Number 15 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	12.41 ng	1297460	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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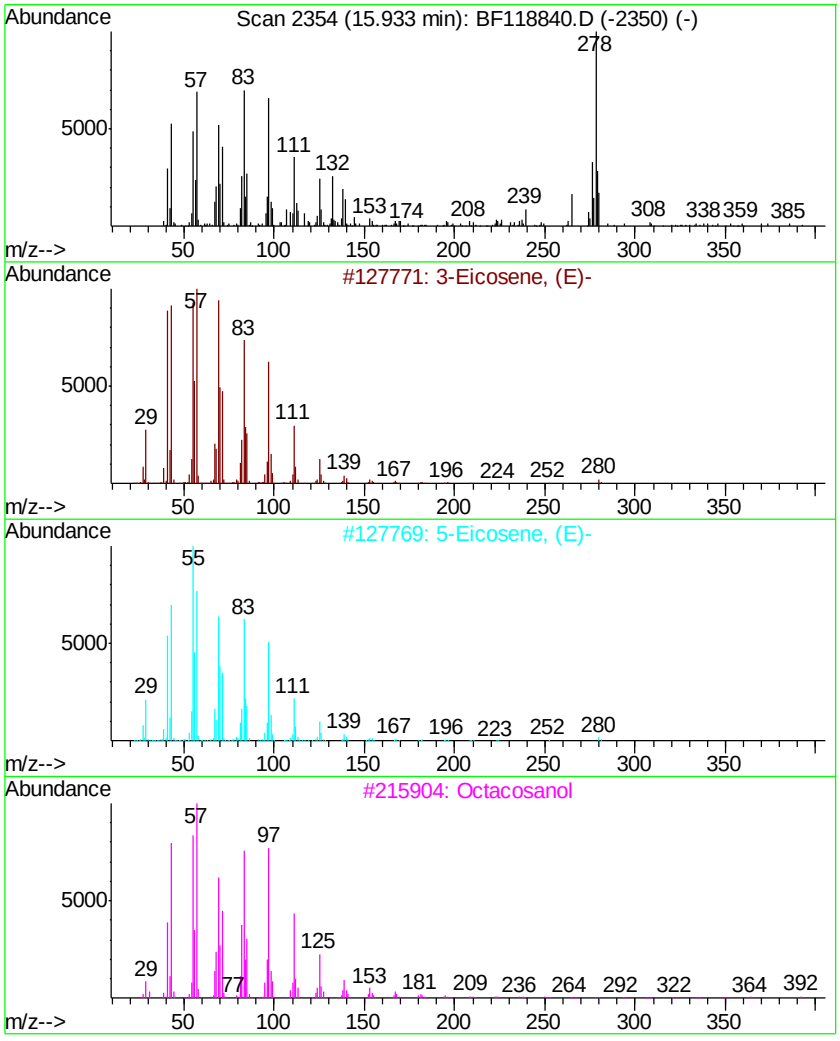
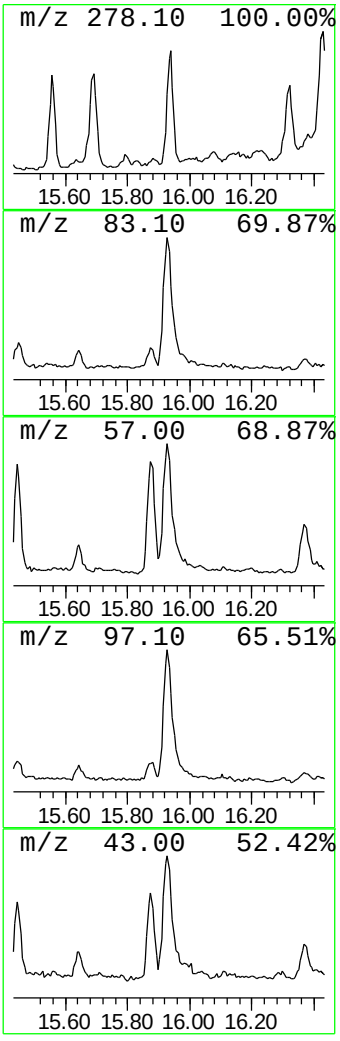
Peak Number 17 3-Eicosene, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	6.11 ng	638409	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Octacosanol	410	C28H58O	000557-61-9	91
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	89





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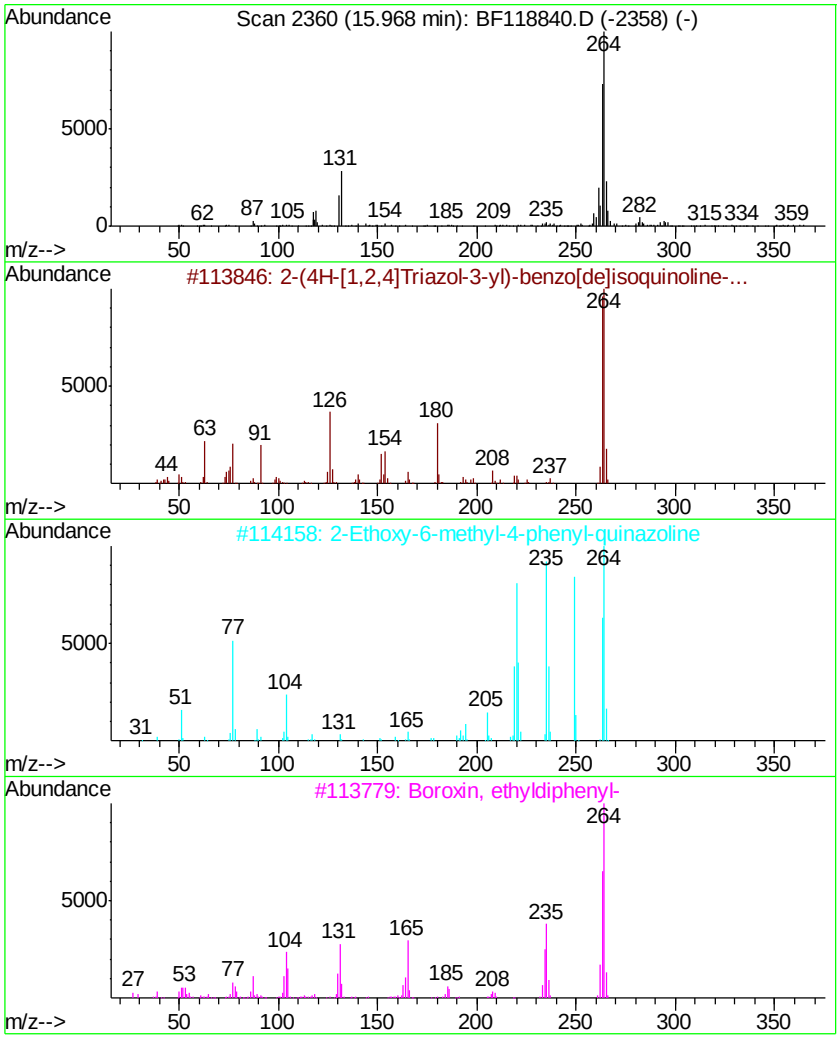
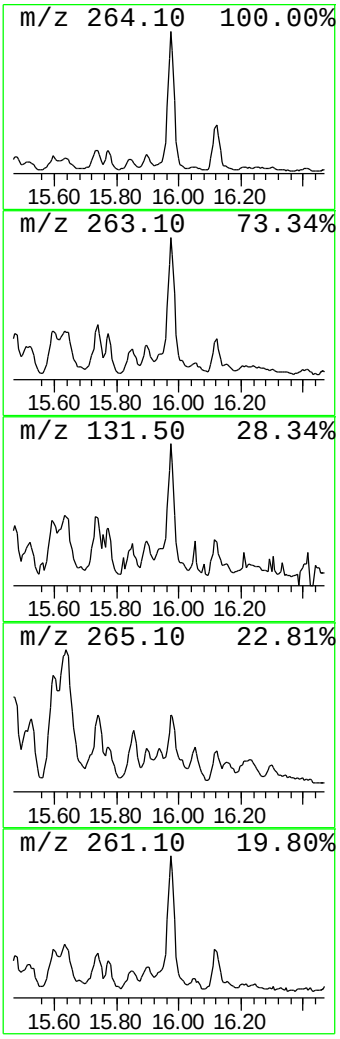
Peak Number 18 2-(4H-[1,2,4]Triazol-3-yl)-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	7.48 ng	781994	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	50
2	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	47
3	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	45
4	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	38
5	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	25





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Acq On : 6 Feb 2020 16:41
Operator : CG/JU
Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

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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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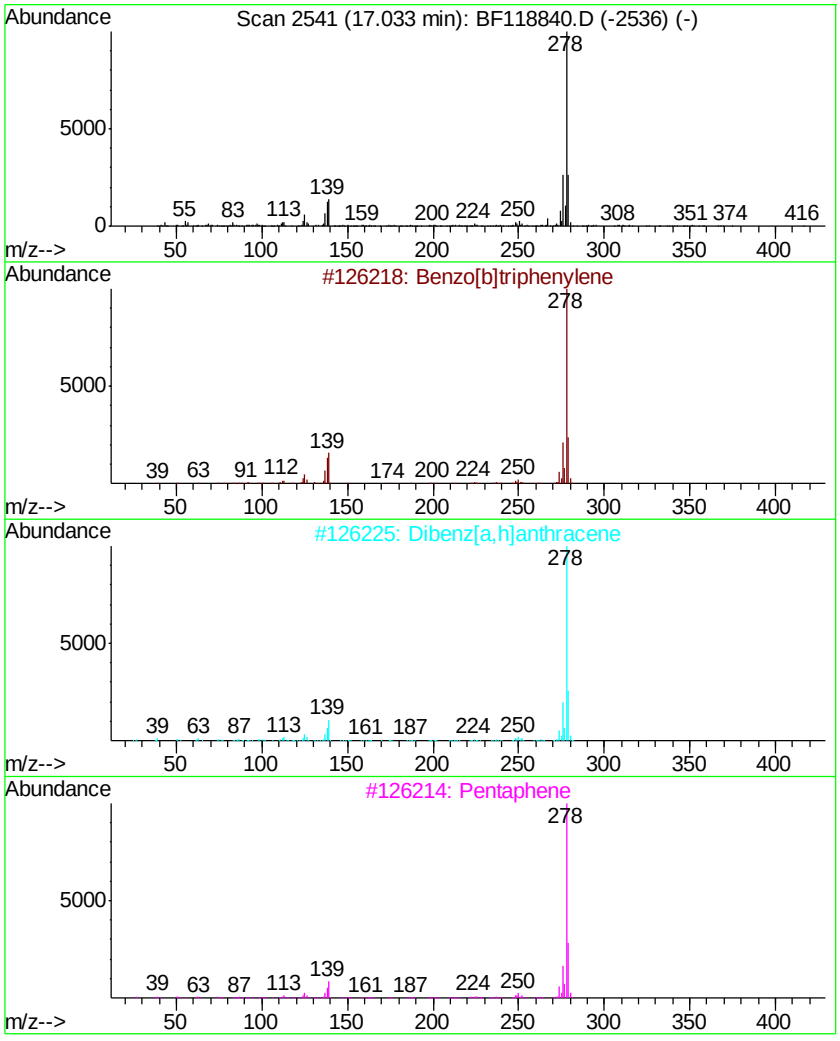
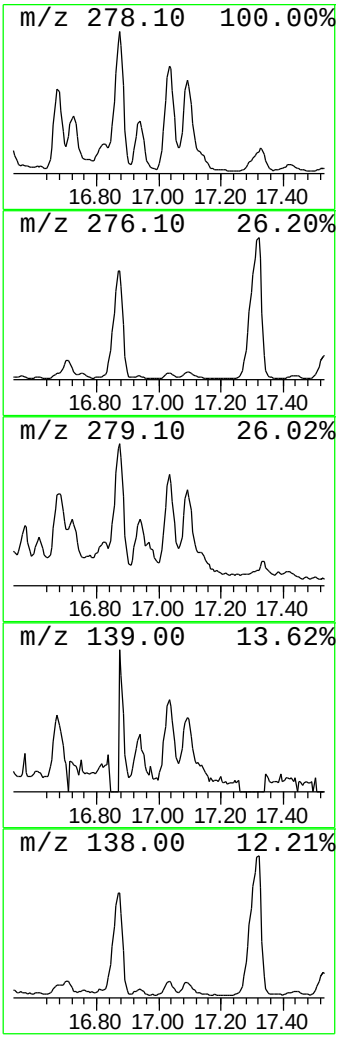
Peak Number 19 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	7.38 ng	771566	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Pentaphene	278	C22H14	000222-93-5	98
4	Picene	278	C22H14	000213-46-7	98
5	Benzo[b]chrysene	278	C22H14	000214-17-5	97





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Data File : BF118840.D
Acq On : 6 Feb 2020 16:41
Operator : CG/JU
Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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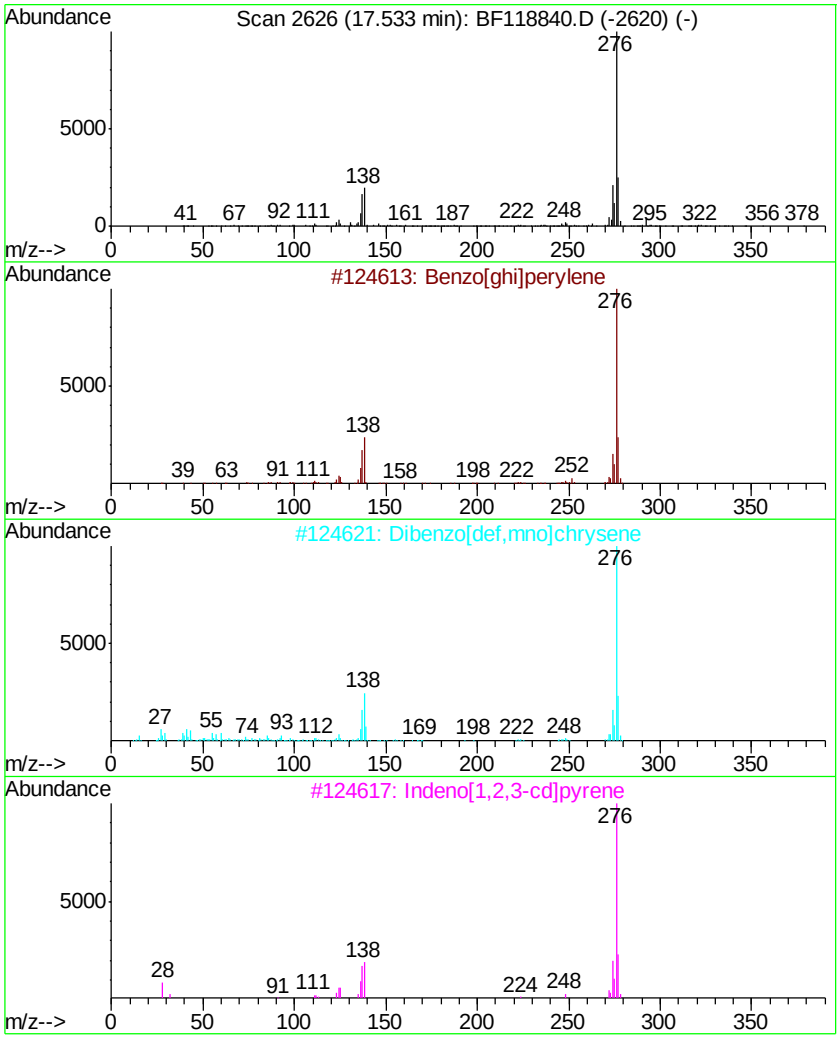
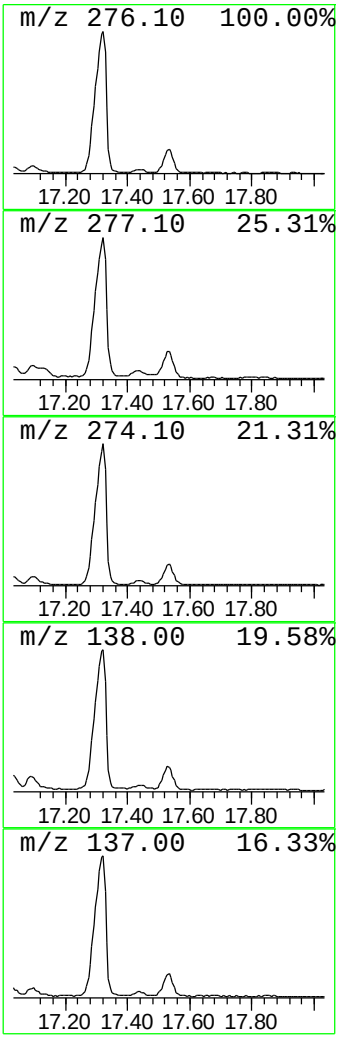
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	6.42 ng	671840	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	81
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	59
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020620\
Data File : BF118840.D
Acq On : 6 Feb 2020 16:41
Operator : CG/JU
Sample : L1408-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHORE-RD-PATH-BH-04-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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
Anthracene, 1,2,3...	11.19	7.0	ng	887374	4	11.33	2553950	20.0
Anthracene, 1-met...	11.83	9.3	ng	1186360	4	11.33	2553950	20.0
Phenanthrene, 2-m...	11.86	18.0	ng	2293310	4	11.33	2553950	20.0
Anthracene, 2-met...	11.91	7.4	ng	948392	4	11.33	2553950	20.0
4H-Cyclopenta[def...	11.94	18.6	ng	2379560	4	11.33	2553950	20.0
Naphthalene, 2-ph...	12.13	6.8	ng	867780	4	11.33	2553950	20.0
Anthracene, 1,4-d...	12.38	14.7	ng	1873490	4	11.33	2553950	20.0
unknown12.43	12.43	6.0	ng	767228	4	11.33	2553950	20.0
Cyclopenta(def)ph...	12.47	6.3	ng	802798	4	11.33	2553950	20.0
Benzene, 1,1'-(1,...	12.64	5.7	ng	725608	4	11.33	2553950	20.0
11H-Benzo[b]fluorene	13.10	5.4	ng	2474860	5	13.98	9125580	20.0
11H-Benzo[a]fluor...	13.82	5.1	ng	2341460	5	13.98	9125580	20.0
Squalene	14.82	5.1	ng	537829	6	15.43	2091340	20.0
Benzo[e]pyrene	15.11	12.4	ng	1297460	6	15.43	2091340	20.0
3-Eicosene, (E)-	15.93	6.1	ng	638409	6	15.43	2091340	20.0
2-(4H-[1,2,4]Tria...	15.97	7.5	ng	781994	6	15.43	2091340	20.0
Benzo[b]triphenylene	17.03	7.4	ng	771566	6	15.43	2091340	20.0
Dibenzo[def,mno]c...	17.53	6.4	ng	671840	6	15.43	2091340	20.0