LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108082.D
Acq On : 10 Aug 2018 14:28
Operator : JU/SJ
Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

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-BF080818.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	2.372	3	6	16	rVB	623331	802251	9.22%	0.544%
2	3.637	218	221	230	rBV	124801	209489	2.41%	0.142%
3	5.260	492	497	505	rBV	1117655	1485478	17.07%	1.007%
4	5.643	556	562	565	rBV	6778543	7034216	80.83%	4.770%
5	6.637	725	731	735	rBV	6873698	7704356	88.54%	5.225%
6	6.790	751	757	760	rBV	7129933	7257376	83.40%	4.922%
7	7.019	792	796	799	rVB	2017532	1860831	21.38%	1.262%
8	7.172	818	822	826	rVB	5995900	5548382	63.76%	3.763%
9	7.395	854	860	865	rBV2	128230	191263	2.20%	0.130%
10	7.578	886	891	894	rVB	4967992	4830426	55.51%	3.276%
11	8.301	1009	1014	1016	rBV	2353030	2311551	26.56%	1.568%
12	8.319	1016	1017	1020	rVV	686118	444457	5.11%	0.301%
13	9.013	1131	1135	1138	rBV	219225	181559	2.09%	0.123%
14	9.113	1148	1152	1155	rVB	189780	161092	1.85%	0.109%
15	9.378	1191	1197	1200	rBV	8222037	7831667	90.00%	5.311%
16	9.478	1211	1214	1218	rVB	216182	198043	2.28%	0.134%
17	9.572	1227	1230	1235	rVB	163245	163412	1.88%	0.111%
18	9.636	1237	1241	1245	rBV	155552	214835	2.47%	0.146%
19	9.713	1250	1254	1257	rBV	229297	247819	2.85%	0.168%
20	9.766	1260	1263	1270	rVB	1350386	1137918	13.08%	0.772%
21	9.925	1287	1290	1293	rVB	548990	446072	5.13%	0.303%
22	10.066	1310	1314	1316	rBV	2434448	2237818	25.72%	1.518%
23	10.095	1316	1319	1322	rVB	1626791	1321292	15.18%	0.896%
24	10.266	1344	1348	1351	rVB2	325758	354858	4.08%	0.241%
25	10.301	1351	1354	1357	rVB	199965	165543	1.90%	0.112%
26	10.378	1362	1367	1369	rBV4	209938	289514	3.33%	0.196%
27	10.472	1377	1383	1388	rVB5	156562	303860	3.49%	0.206%
28	10.613	1404	1407	1411	rVV	1057349	923580	10.61%	0.626%
29	10.695	1419	1421	1424	rVV3	183513	191328	2.20%	0.130%
30	10.766	1431	1433	1437	rVB	213334	213789	2.46%	0.145%
31	10.854	1442	1448	1452	rVV	4841756	5040174	57.92%	3.418%
32	10.907	1455	1457	1463	rVV3	159966	213131	2.45%	0.145%
33	10.972	1463	1468	1474	rVB4	200664	382097	4.39%	0.259%
34	11.160	1495	1500	1503	rBV2	353336	425136	4.89%	0.288%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.189	1503	1505	1508	rVV2	193668	175388	2.02%	0.119%
36	11.242	1512	1514	1517	rVB	189549	180878	2.08%	0.123%
37	11.289	1517	1522	1524	rBV3	178619	220245	2.53%	0.149%
38	11.313	1524	1526	1530	rVV2	195778	208603	2.40%	0.141%
39	11.360	1531	1534	1537	rVV2	289991	273461	3.14%	0.185%
40	11.401	1538	1541	1544	rVV2	236951	236736	2.72%	0.161%
41	11.454	1548	1550	1556	rVB	589840	504765	5.80%	0.342%
42	11.560	1564	1568	1570	rBV	2336761	2298884	26.42%	1.559%
43	11.589	1570	1573	1576	rVV	6708633	5965131	68.55%	4.045%
44	11.636	1576	1581	1584	rVV	2791731	2361000	27.13%	1.601%
45	11.666	1584	1586	1589	rVB	210210	193371	2.22%	0.131%
46	11.783	1603	1606	1612	rBV2	205150	270229	3.11%	0.183%
47	11.854	1616	1618	1622	rVB	435251	319478	3.67%	0.217%
48	11.895	1622	1625	1630	rBV3	254993	293019	3.37%	0.199%
49	12.066	1650	1654	1656	rBV2	1449047	1394332	16.02%	0.946%
50	12.089	1656	1658	1663	rVV	1287173	1226332	14.09%	0.832%
51	12.136	1663	1666	1669	rVV	585690	559108	6.43%	0.379%
52	12.177	1669	1673	1676	rVV2	1882273	2276609	26.16%	1.544%
53	12.201	1676	1677	1680	rVB	669254	314584	3.62%	0.213%
54	12.360	1700	1704	1706	rBV	1167156	935944	10.76%	0.635%
55	12.383	1706	1708	1711	rVB2	310326	253955	2.92%	0.172%
56	12.507	1726	1729	1732	rBV	315940	266495	3.06%	0.181%
57	12.613	1741	1747	1751	rBV	541633	783177	9.00%	0.531%
58	12.654	1751	1754	1756	rVV2	288071	342985	3.94%	0.233%
59	12.707	1760	1763	1768	rBV2	255090	360291	4.14%	0.244%
60	12.789	1772	1777	1780	rBV	7677029	7612161	87.48%	5.162%
61	12.819	1780	1782	1785	rVB2	705979	537091	6.17%	0.364%
62	12.860	1785	1789	1790	rBV3	252266	340700	3.92%	0.231%
63	12.877	1790	1792	1795	rVB	1369974	1125787	12.94%	0.763%
64	12.936	1799	1802	1809	rVB2	323837	571101	6.56%	0.387%
65	13.024	1809	1817	1820	rBV	7141801	8701976	100.00%	5.901%
66	13.060	1821	1823	1827	rVB3	320767	347644	4.00%	0.236%
67	13.154	1831	1839	1842	rBV	6325245	6459693	74.23%	4.381%
68	13.230	1847	1852	1856	rBV3	453795	790533	9.08%	0.536%
69	13.319	1863	1867	1868	rVV2	361519	398188	4.58%	0.270%
70	13.342	1868	1871	1874	rVB	1380270	1226223	14.09%	0.832%
71	13.407	1879	1882	1885	rVV	1243279	1102766	12.67%	0.748%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4409-03
Misc :
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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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72	13.448	1885	1889	1891	rVV2	824695	832387	9.57%	0.564%
73	13.513	1896	1900	1902	rBV3	196495	272554	3.13%	0.185%
74	13.542	1902	1905	1907	rVV	461697	425549	4.89%	0.289%
75	13.571	1907	1910	1916	rVB	600560	671478	7.72%	0.455%
76	13.824	1950	1953	1955	rBV2	183356	213711	2.46%	0.145%
77	13.848	1955	1957	1962	rVB	245077	313599	3.60%	0.213%
78	13.966	1974	1977	1979	rBV	414903	351128	4.04%	0.238%
79	13.995	1979	1982	1984	rBV	631305	491730	5.65%	0.333%
80	14.018	1984	1986	1988	rBV	623443	580138	6.67%	0.393%
81	14.213	2015	2019	2023	rVV2	4568349	6393175	73.47%	4.336%
82	14.248	2023	2025	2032	rVB	3152105	2532389	29.10%	1.717%
83	14.324	2036	2038	2041	rBV	498252	447537	5.14%	0.304%
84	14.360	2041	2044	2048	rVB2	504871	483005	5.55%	0.328%
85	14.442	2054	2058	2061	rBV2	235124	351858	4.04%	0.239%
86	14.565	2077	2079	2081	rBV	170229	181540	2.09%	0.123%
87	14.607	2083	2086	2089	rVV	566415	588387	6.76%	0.399%
88	14.642	2089	2092	2094	rVB	273069	251936	2.90%	0.171%
89	14.736	2105	2108	2110	rBV	336385	326153	3.75%	0.221%
90	14.760	2110	2112	2117	rVB	598402	546099	6.28%	0.370%
91	15.318	2201	2207	2210	rBV	2295773	3965631	45.57%	2.689%
92	15.430	2223	2226	2231	rVB	616514	720809	8.28%	0.489%
93	15.654	2259	2264	2270	rVB	1542619	2216519	25.47%	1.503%
94	15.724	2270	2276	2281	rBV	2585898	3468722	39.86%	2.352%
95	15.789	2282	2287	2290	rVV	1343645	1927162	22.15%	1.307%
96	15.824	2290	2293	2299	rVB	603459	786734	9.04%	0.534%
97	16.401	2389	2391	2400	rVB2	248648	393146	4.52%	0.267%
98	17.412	2556	2563	2570	rVB2	852610	1837600	21.12%	1.246%
99	17.906	2640	2647	2662	rVB	687113	1552478	17.84%	1.053%
100	18.165	2686	2691	2702	rVB2	244055	581479	6.68%	0.394%

Sum of corrected areas: 147458109

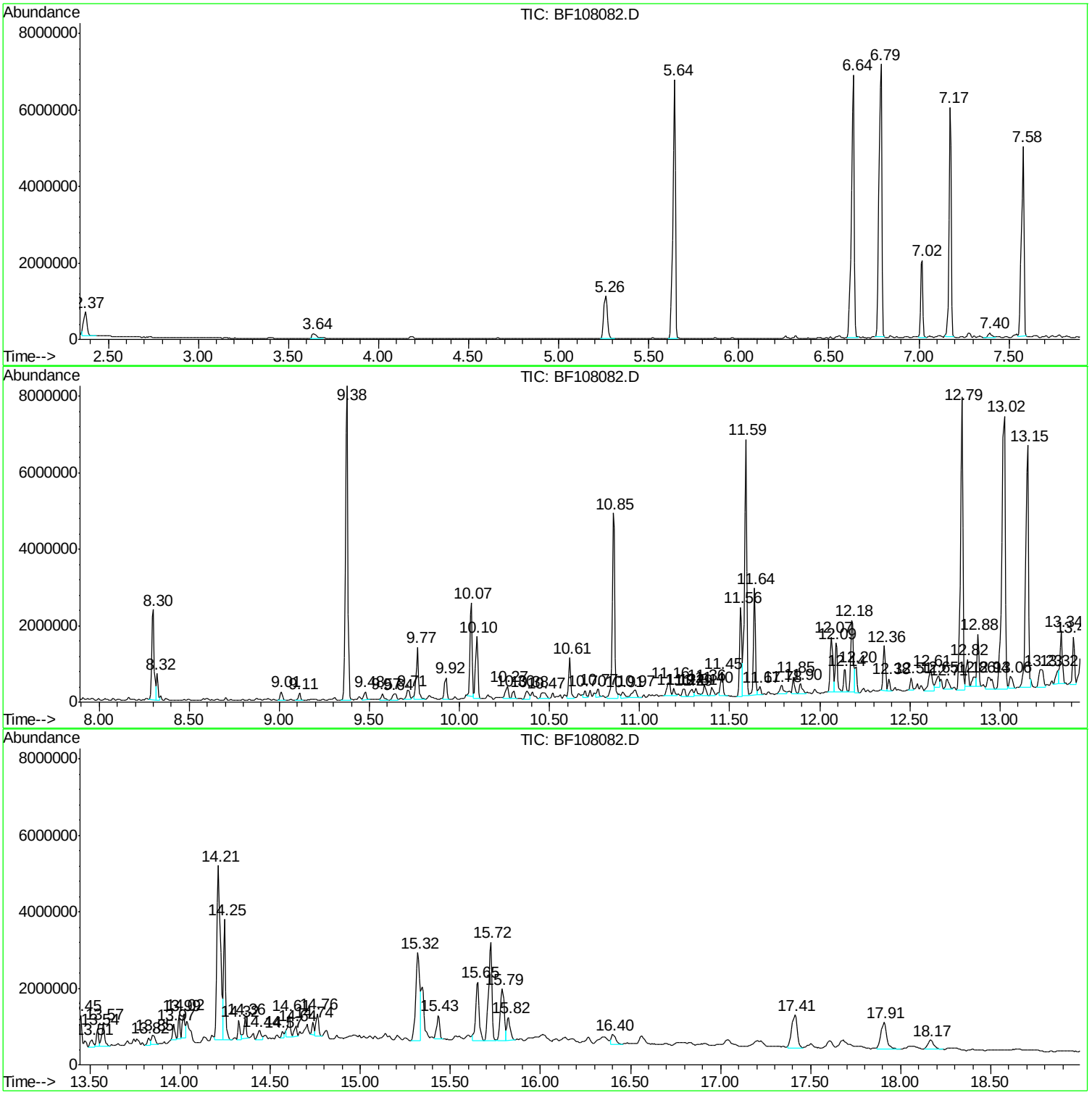
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108082.D
Acq On : 10 Aug 2018 14:28
Operator : JU/SJ
Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-10B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108082.D
Acq On : 10 Aug 2018 14:28
Operator : JU/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

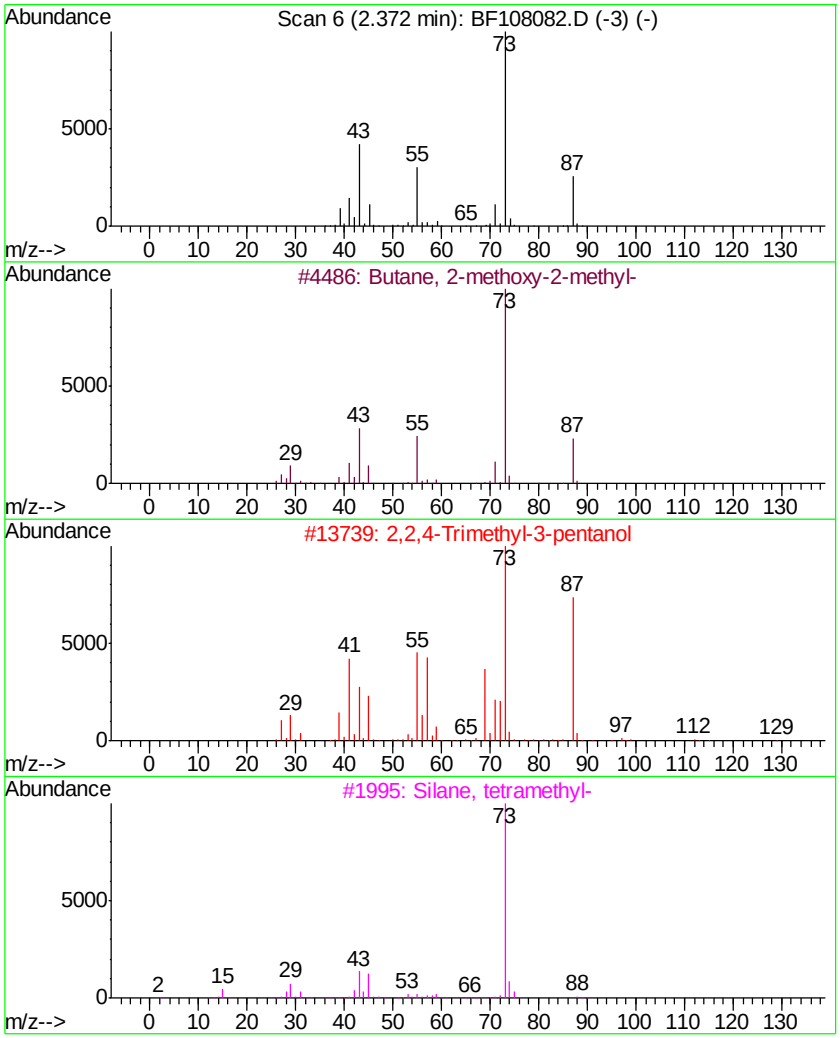
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

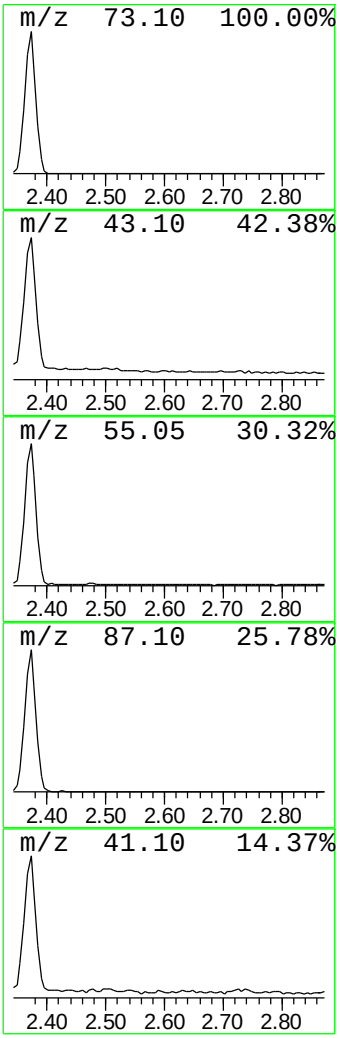
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	8.62 ng	802251	1,4-Dichlorobenzene-d4	7.02

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

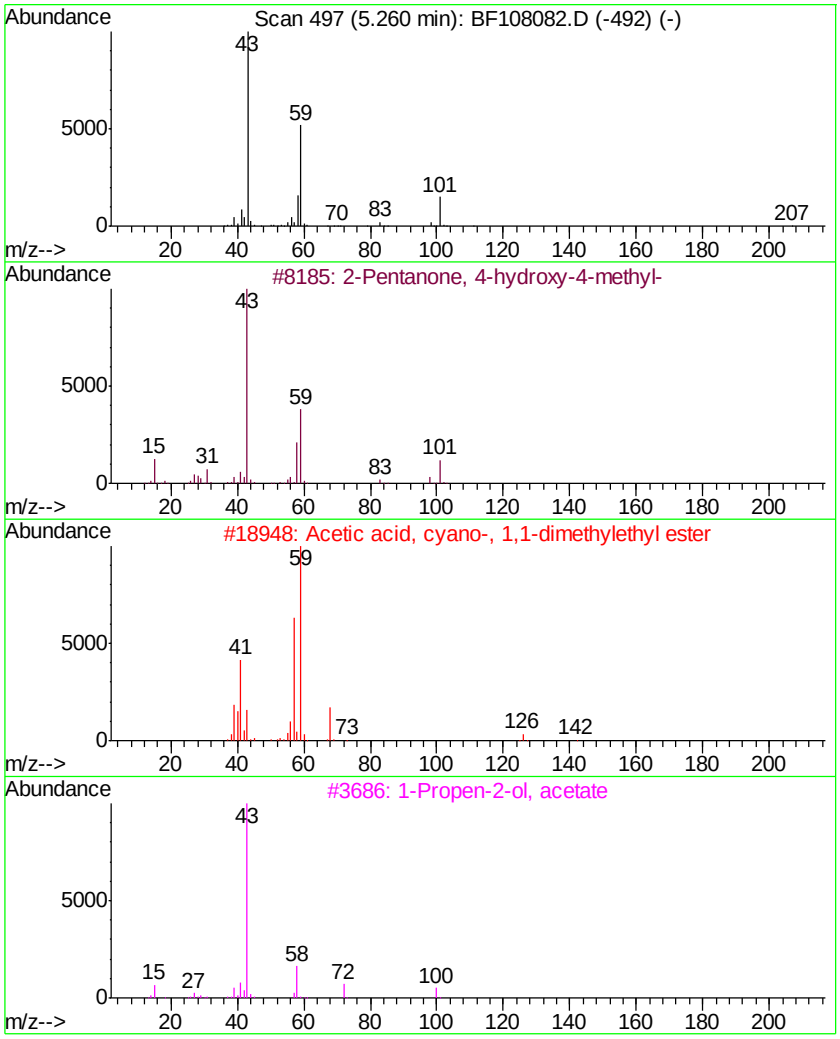
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

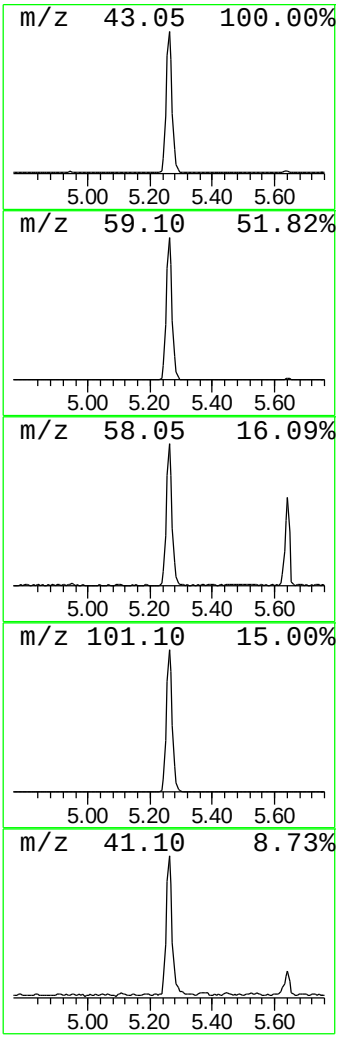
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	15.97 ng	1485480	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9





Library Search Compound Report

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2018-NYSEG-CLARK-AREA-10B

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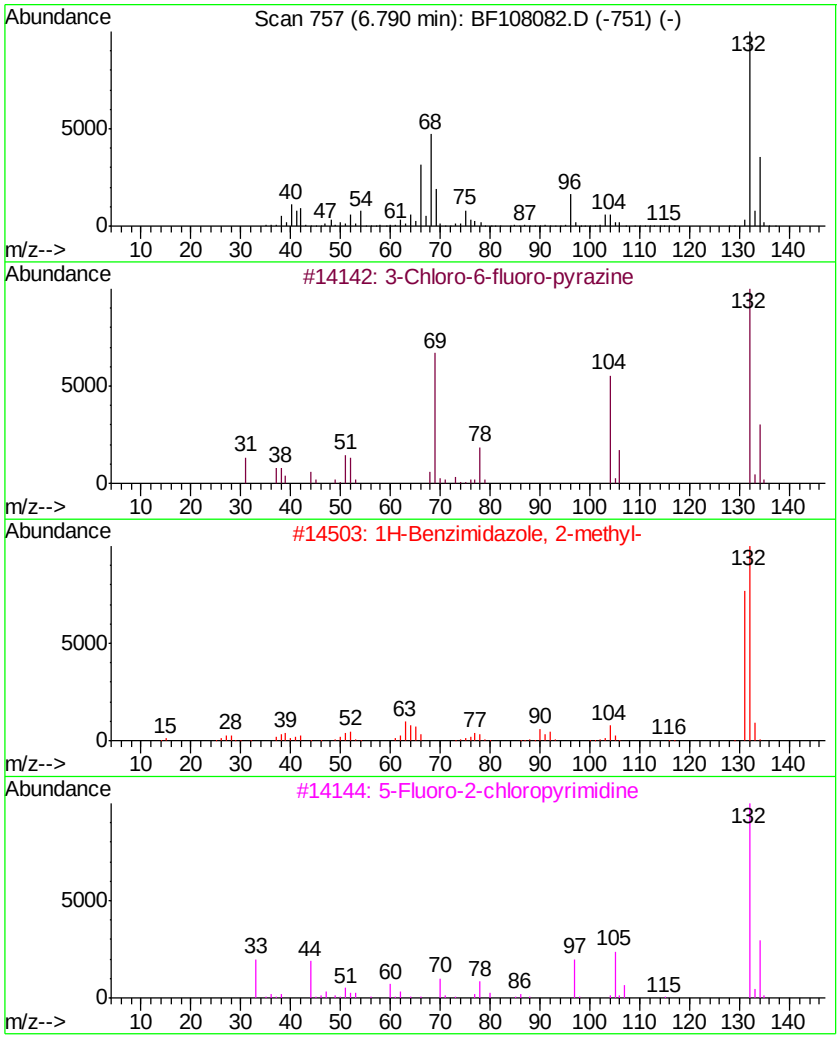
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

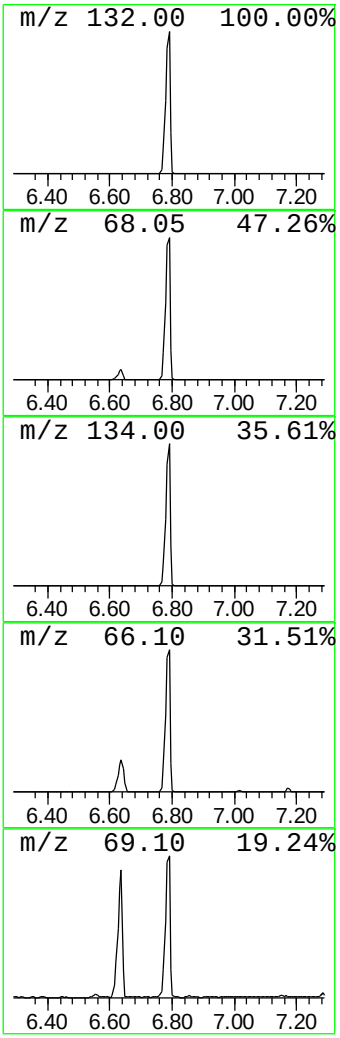
****

Peak Number 3 unknown6.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	78.00 ng	7257380	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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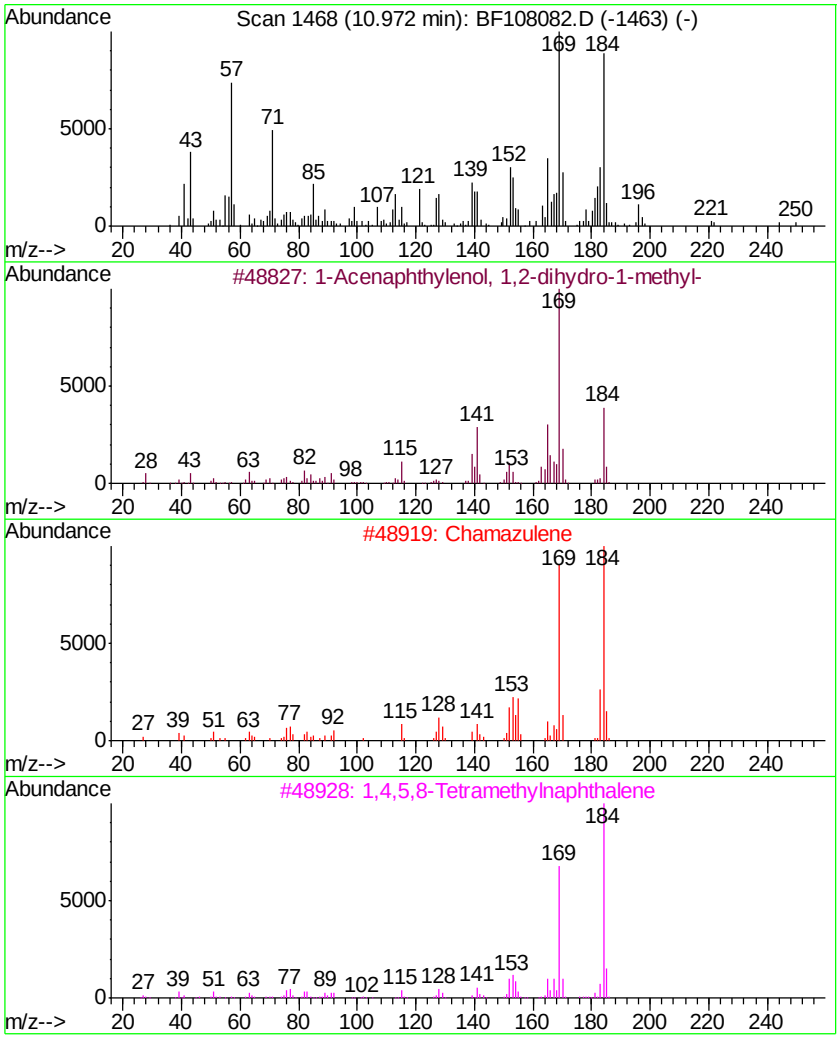
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

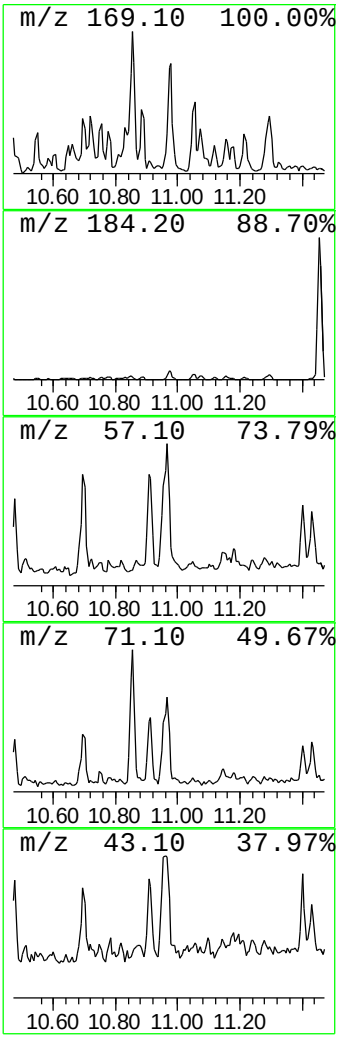
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Acenaphthylenol, 1,2-dihy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.32 ng	382097	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	70
2	Chamazulene	184	C14H16	000529-05-5	64
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	62
4	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	60
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	52





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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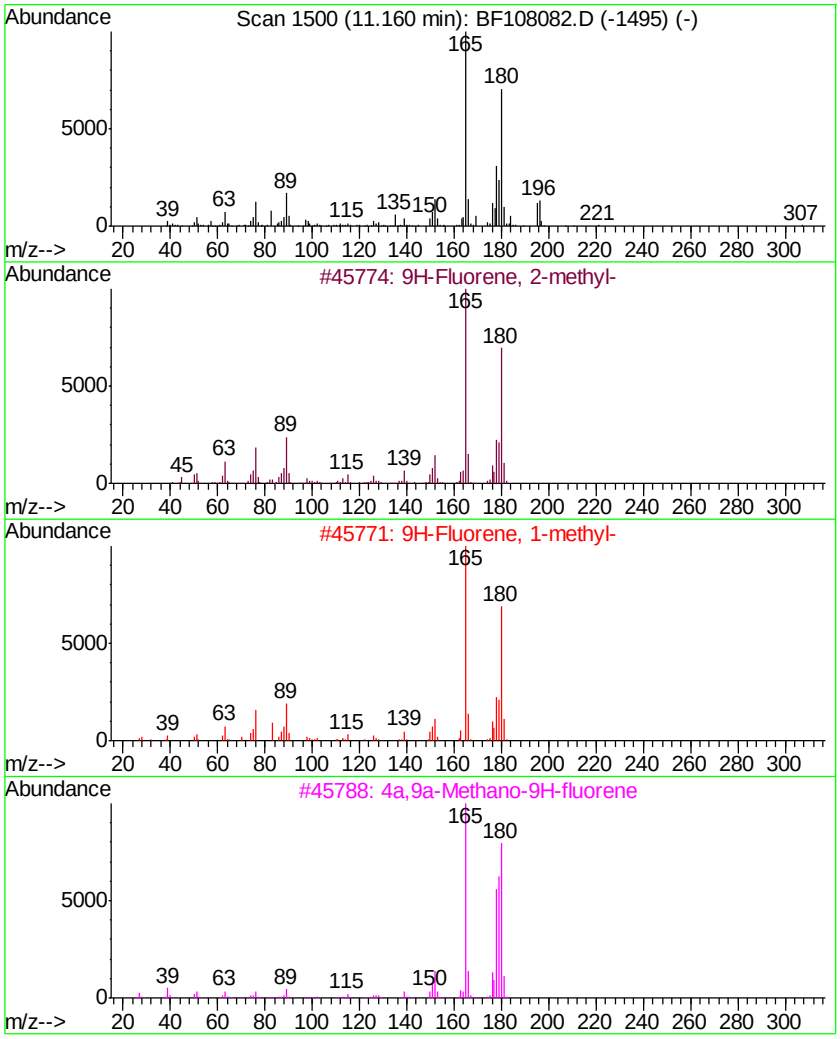
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

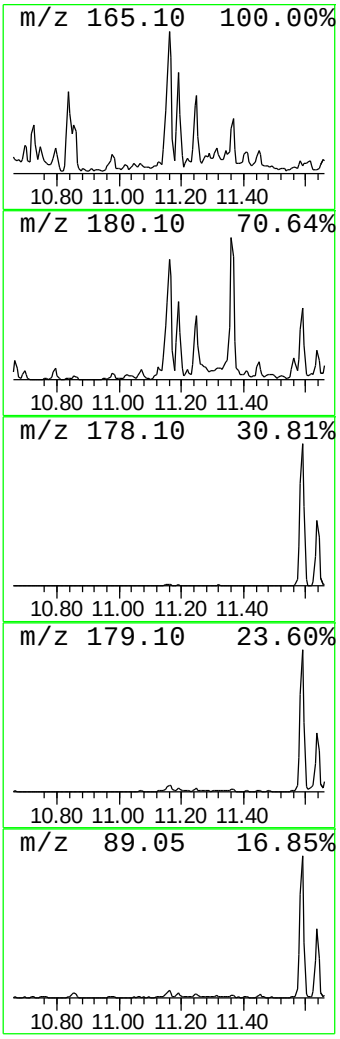
****

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.70 ng	425136	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	91
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83





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Acq On : 10 Aug 2018 14:28
Operator : JU/SJ
Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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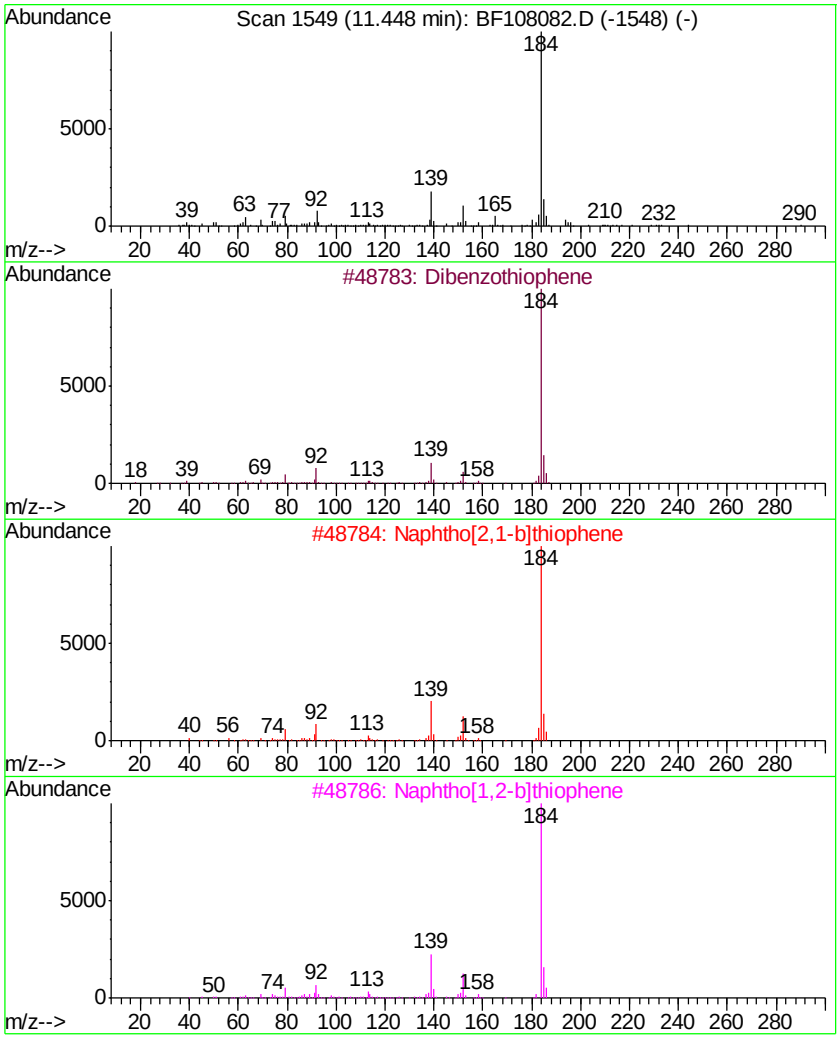
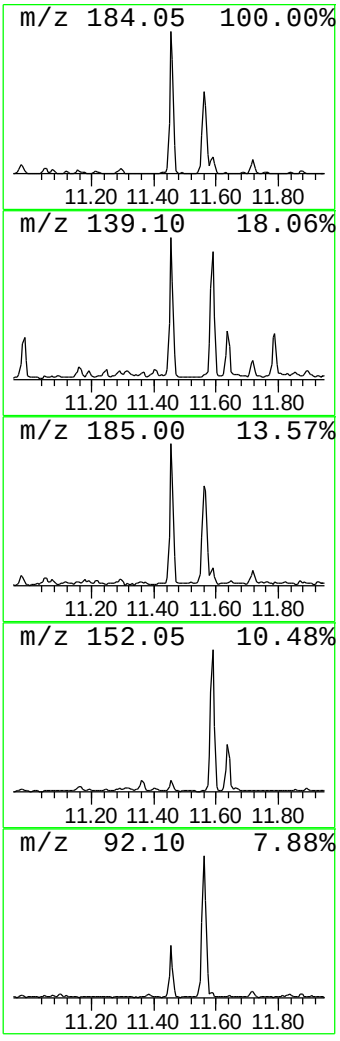
Peak Number 7 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	4.39 ng	504765	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Library Search Compound Report

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Sample : J4409-03
Misc :
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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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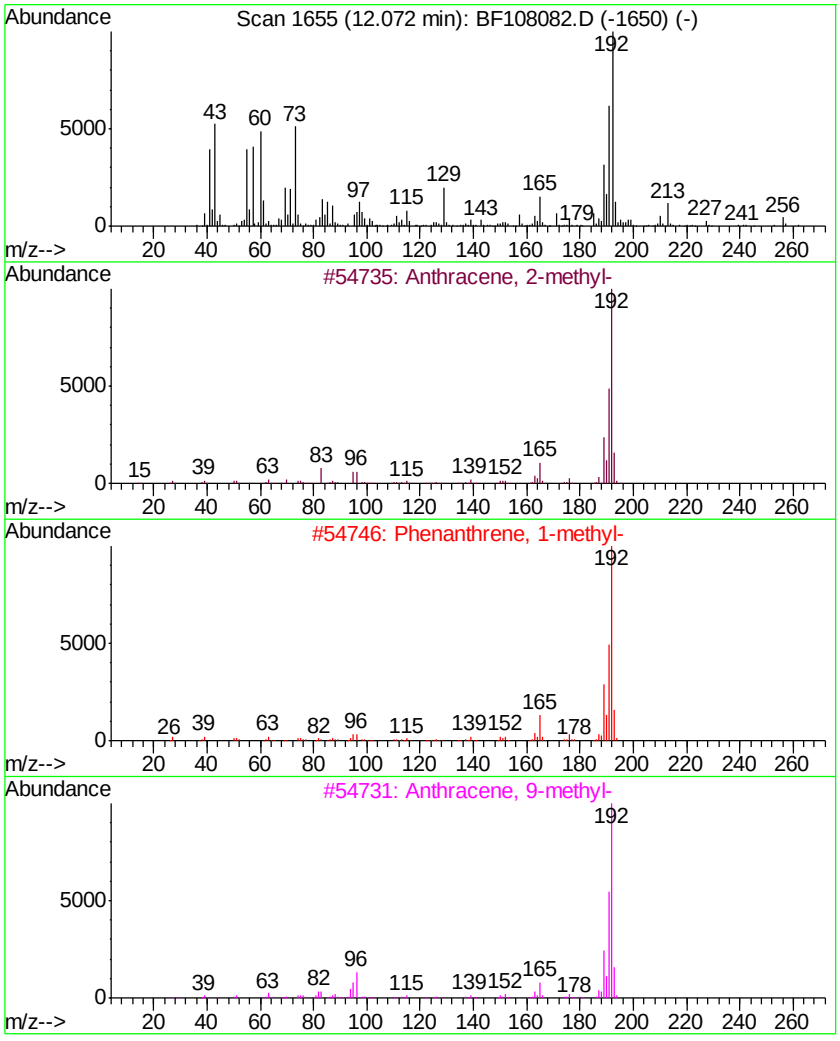
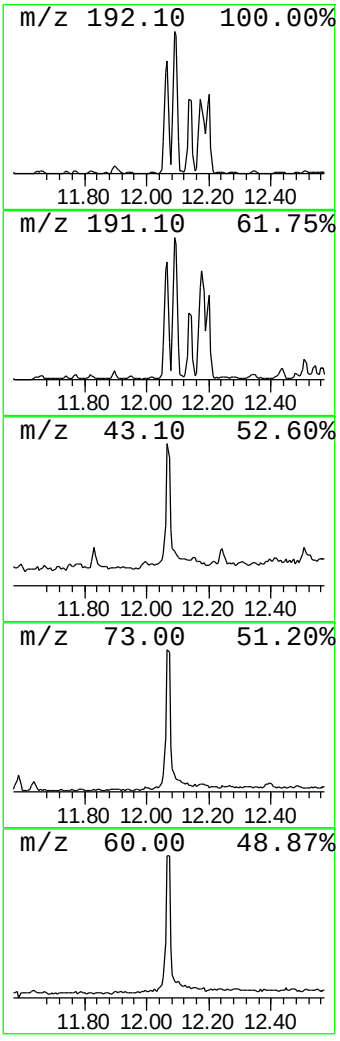
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	12.13 ng	1394330	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

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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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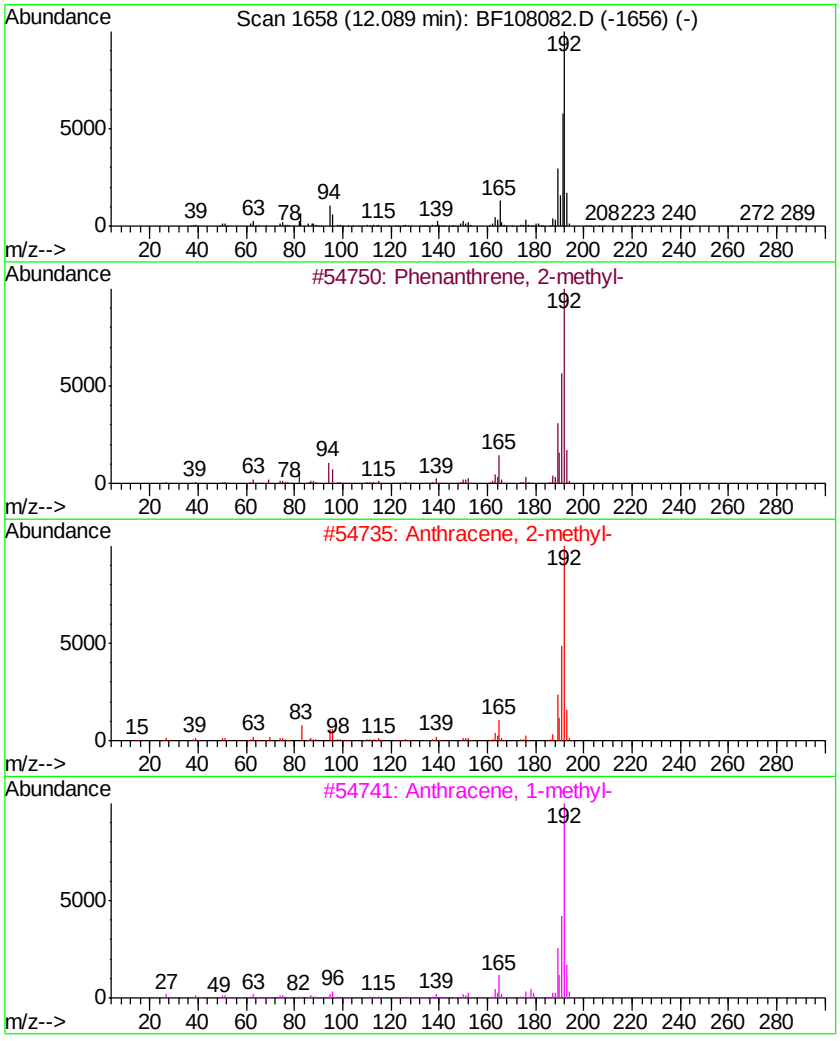
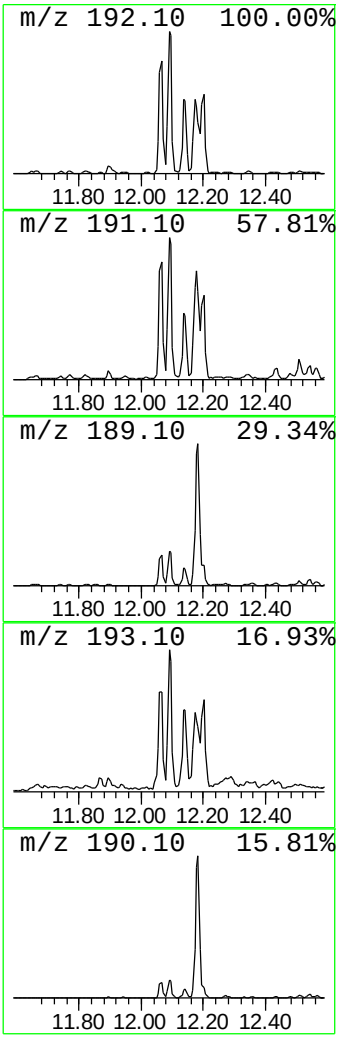
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	10.67 ng	1226330	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Library Search Compound Report

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Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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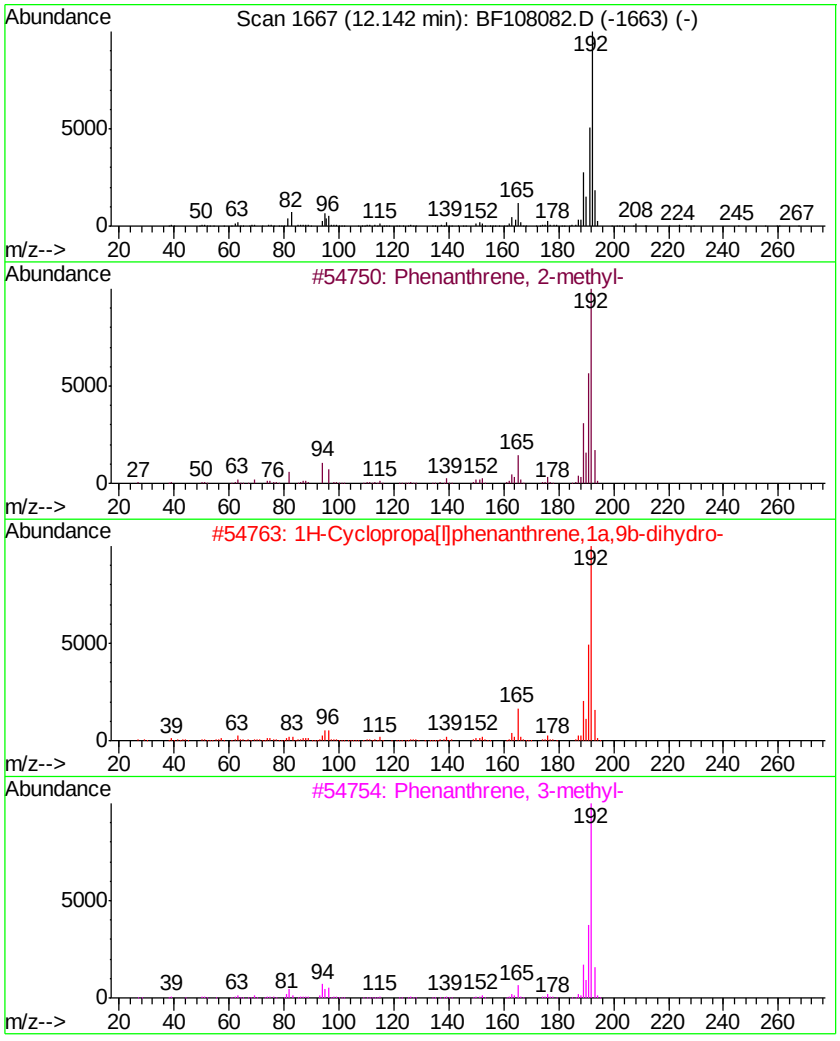
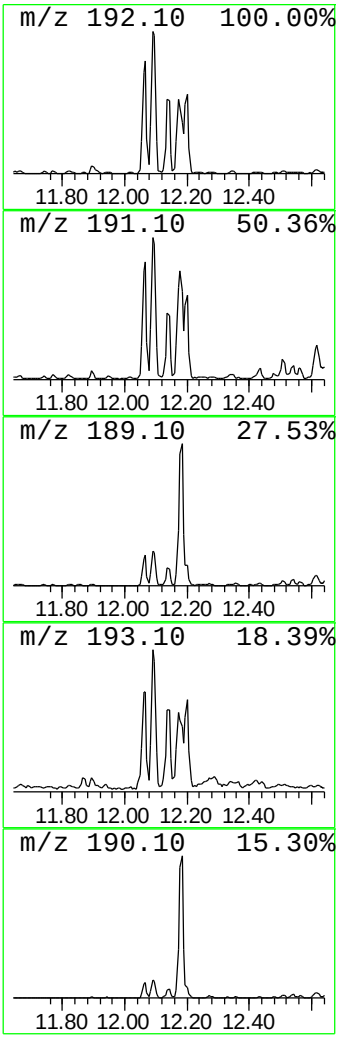
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	4.86 ng	559108	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

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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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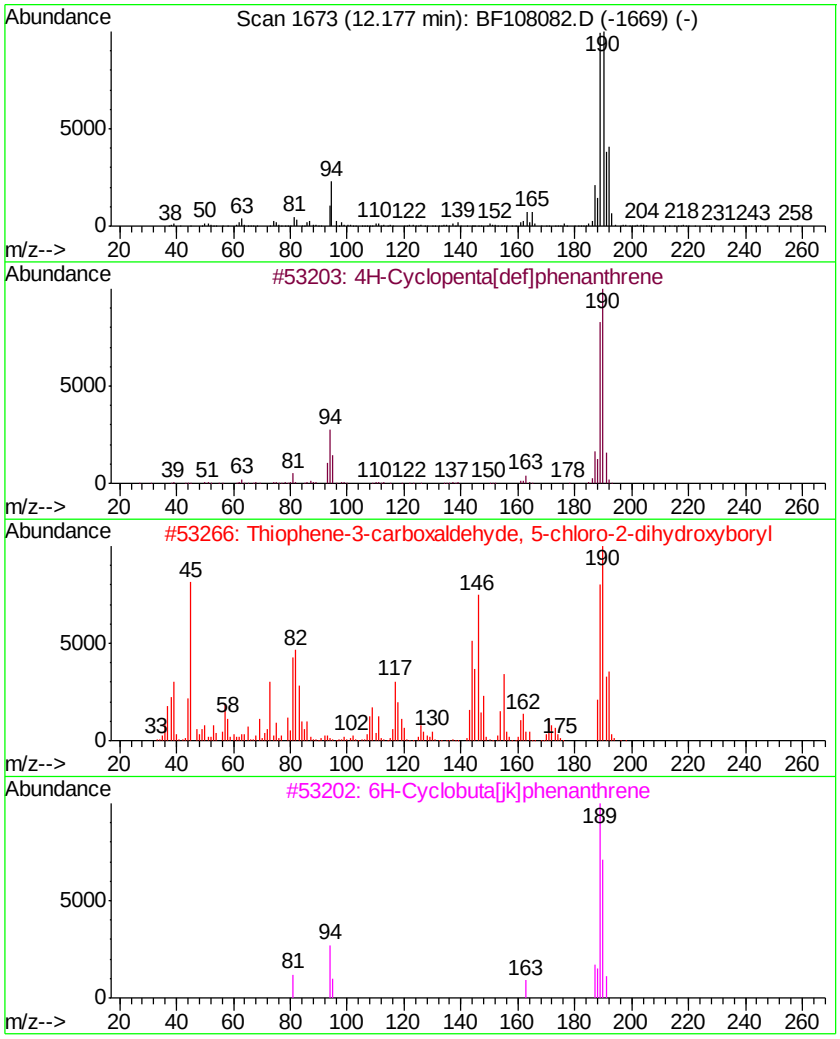
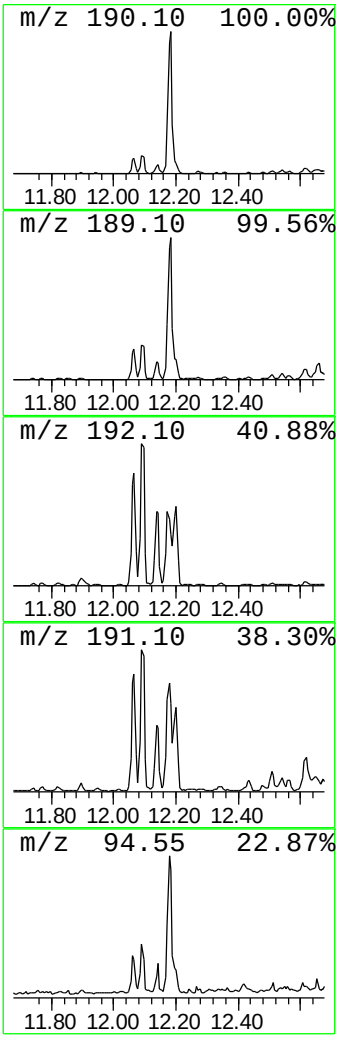
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	19.81 ng	2276610	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

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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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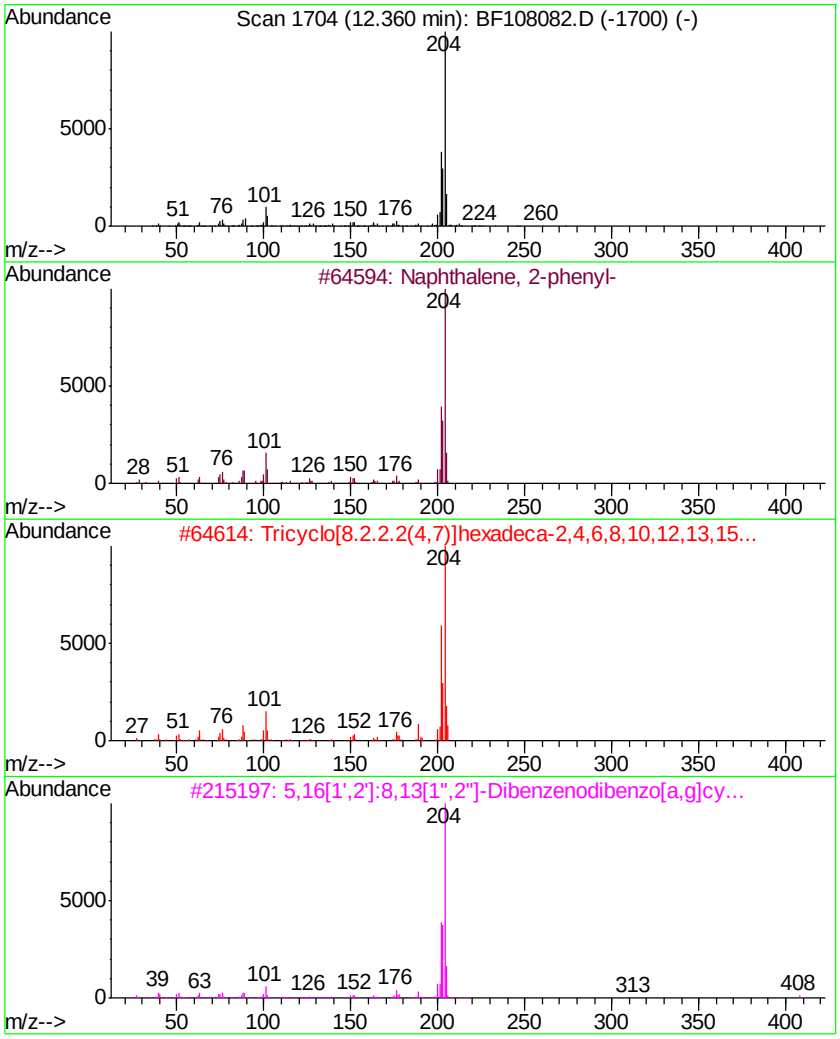
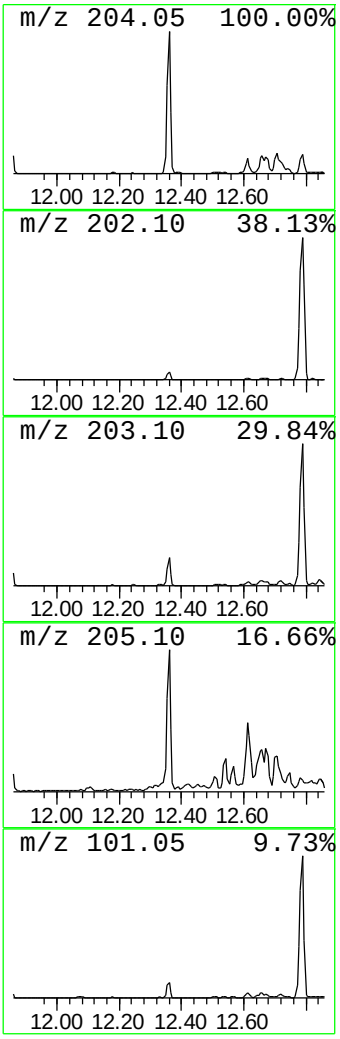
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	8.14 ng	935944	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	53
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	47





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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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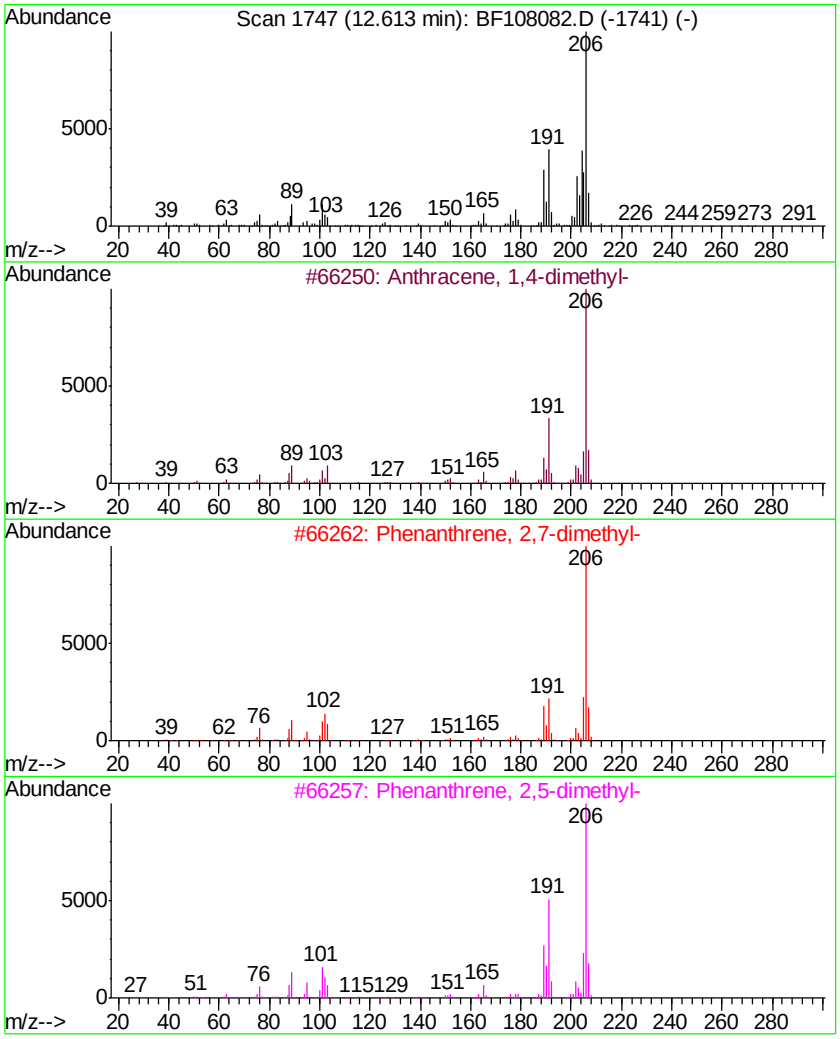
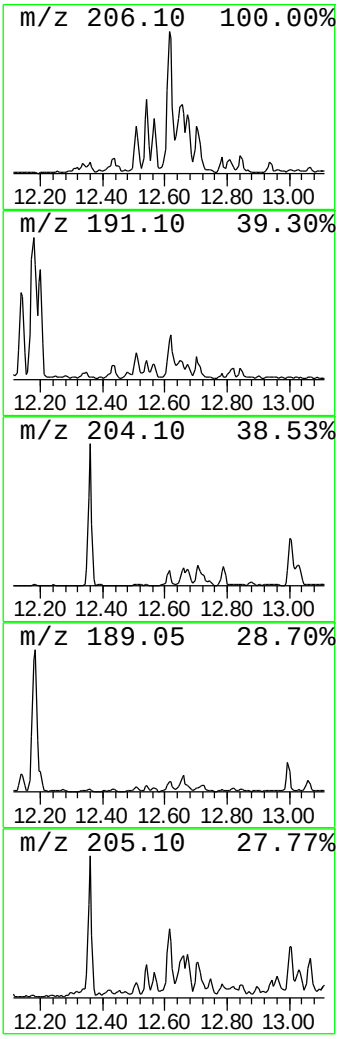
Peak Number 13 Anthracene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	6.81 ng	783177	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





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Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
2018-NYSEG-CLARK-AREA-10B

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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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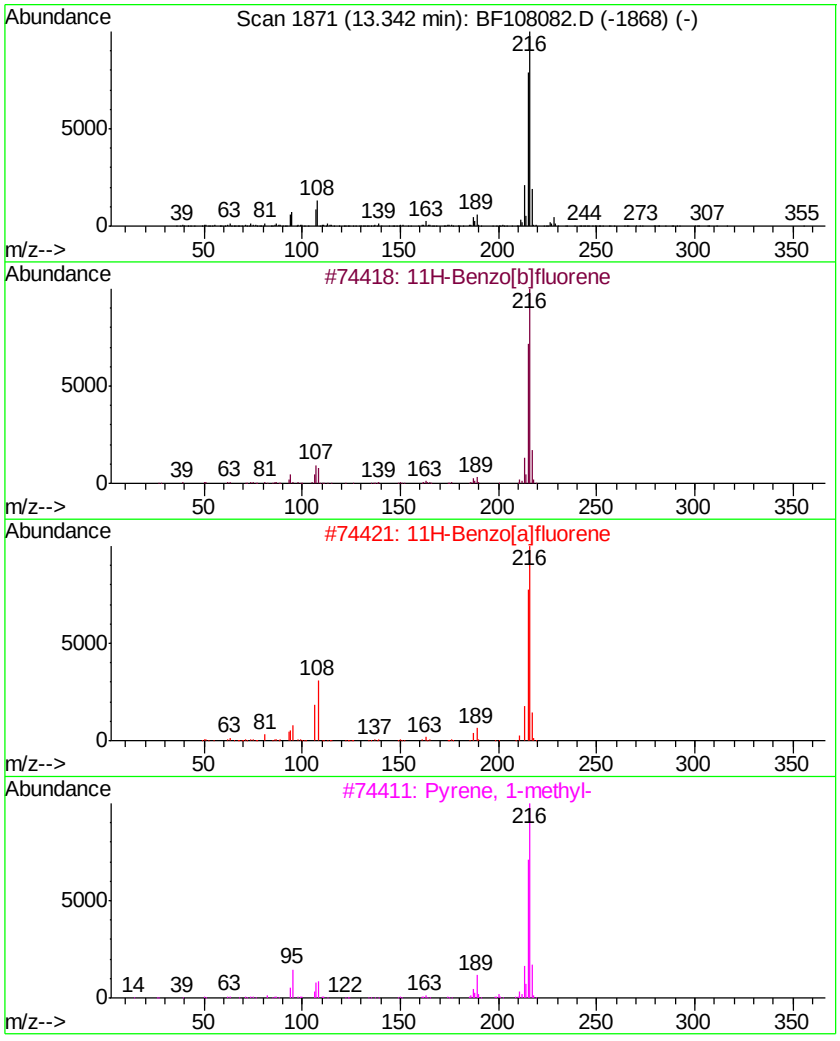
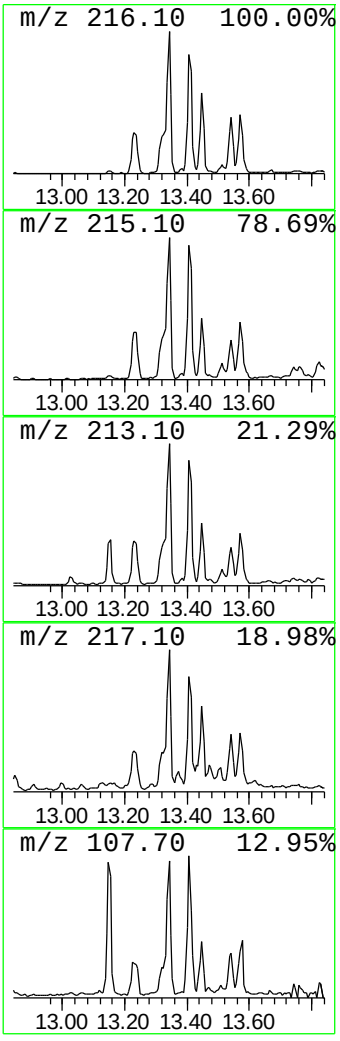
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	3.84 ng	1226220	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

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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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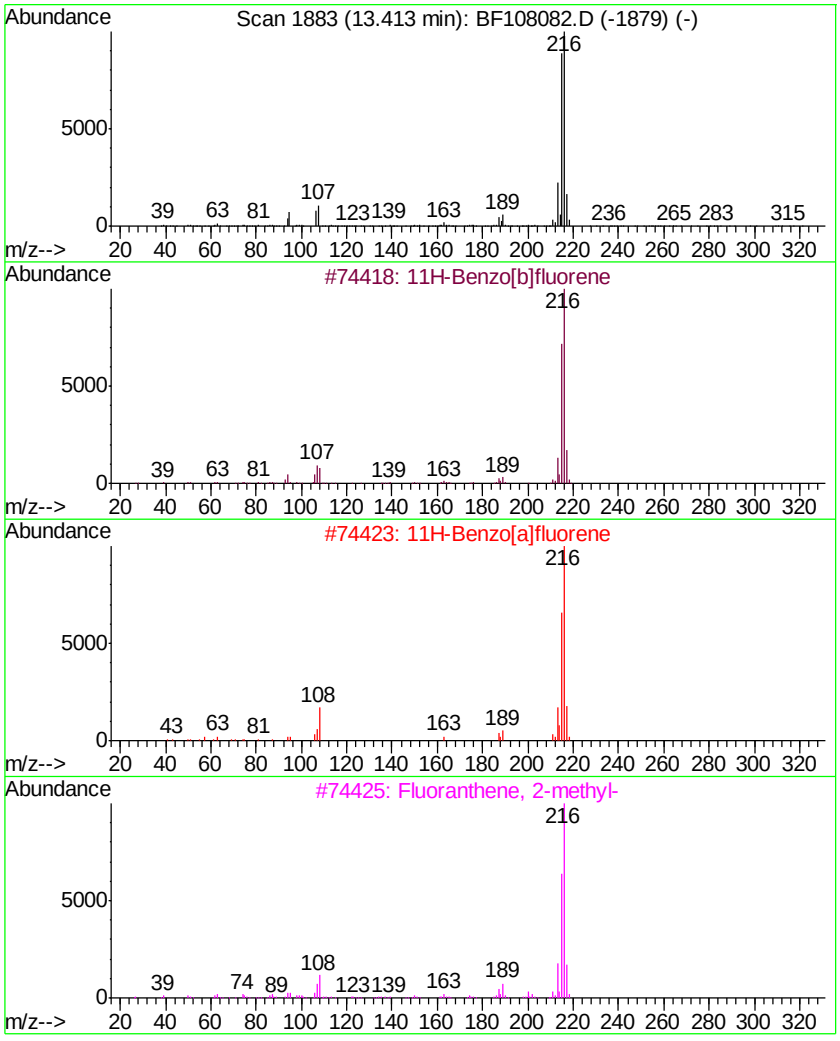
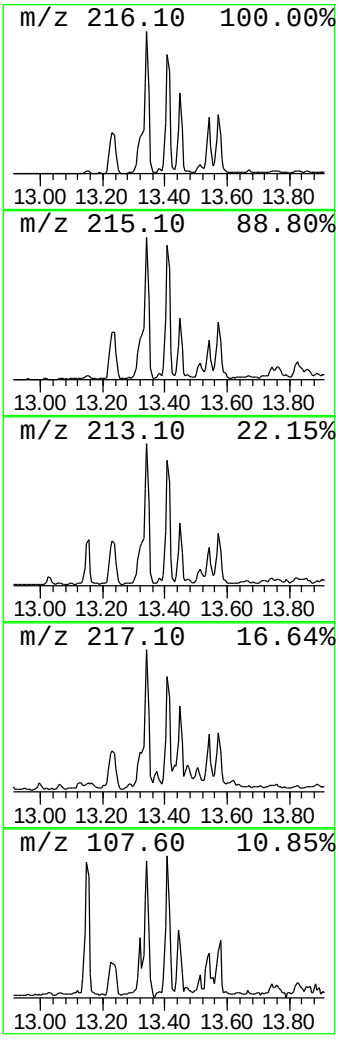
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.45 ng	1102770	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Library Search Compound Report

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Sample : J4409-03
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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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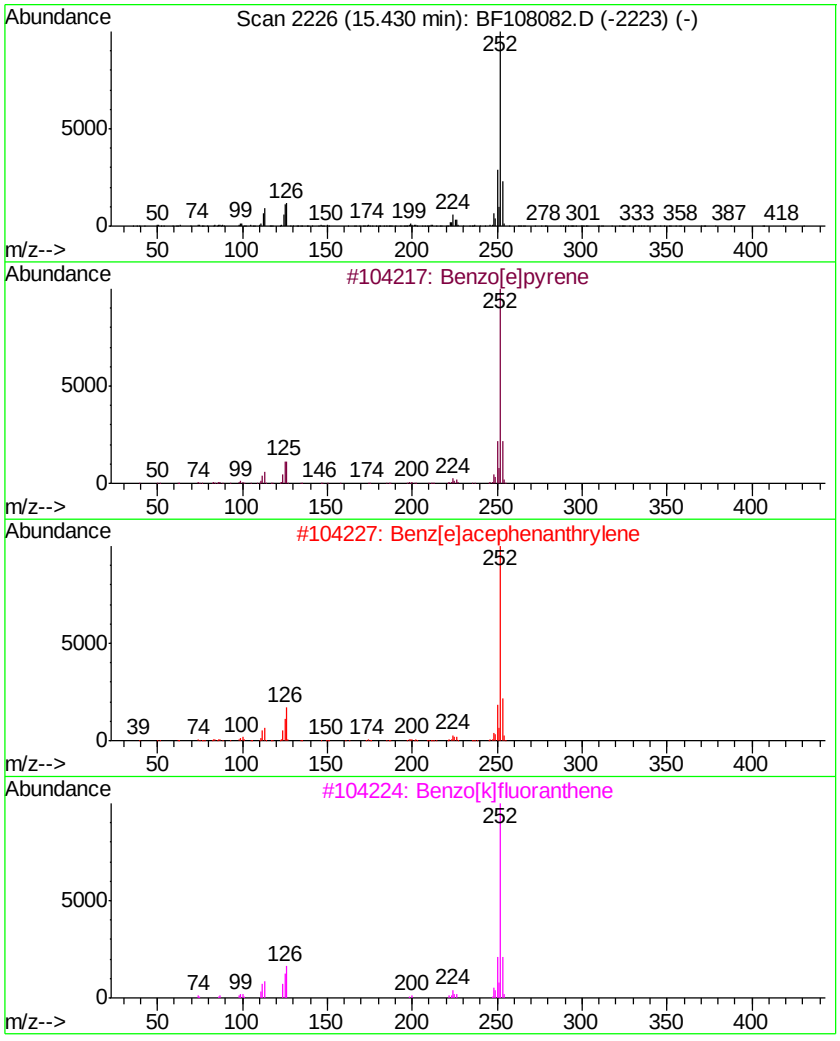
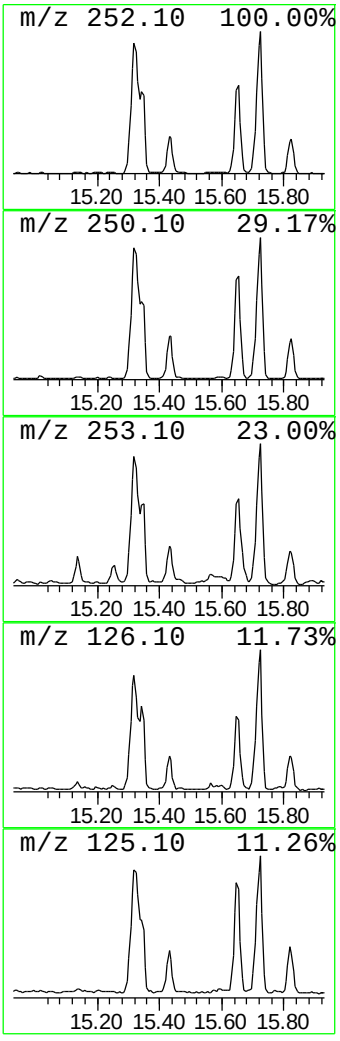
Peak Number 17 Perylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	7.48 ng	720809	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	81





Library Search Compound Report

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Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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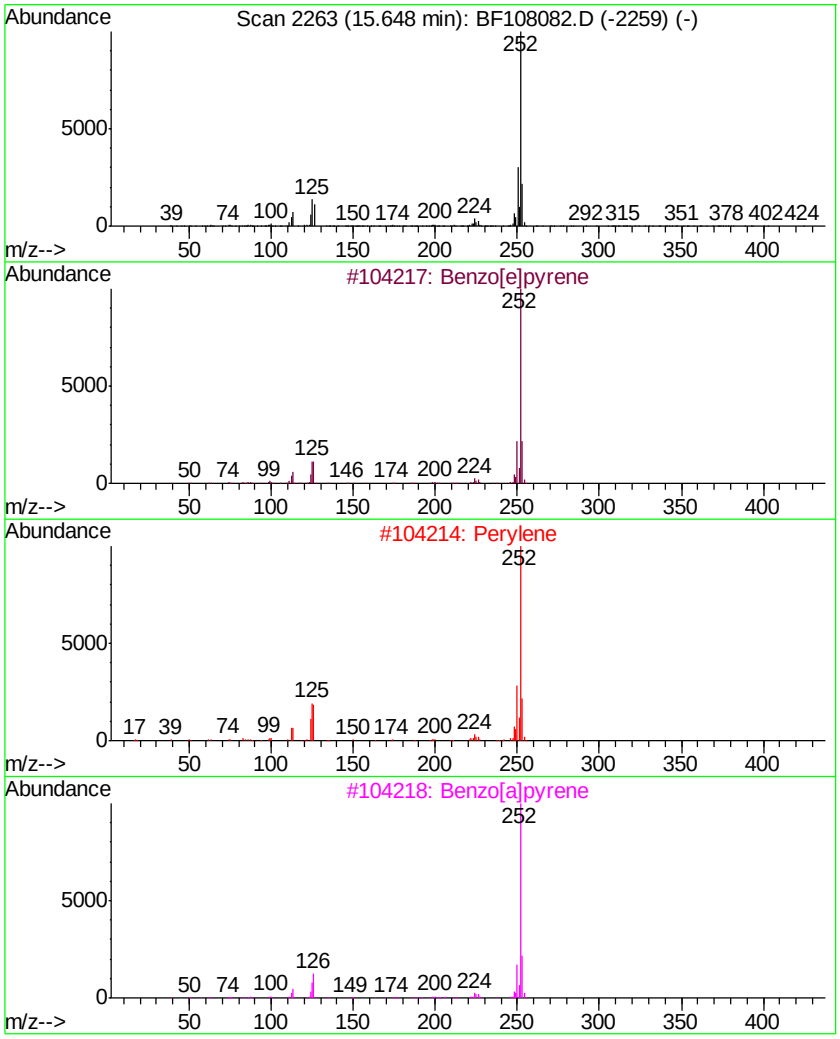
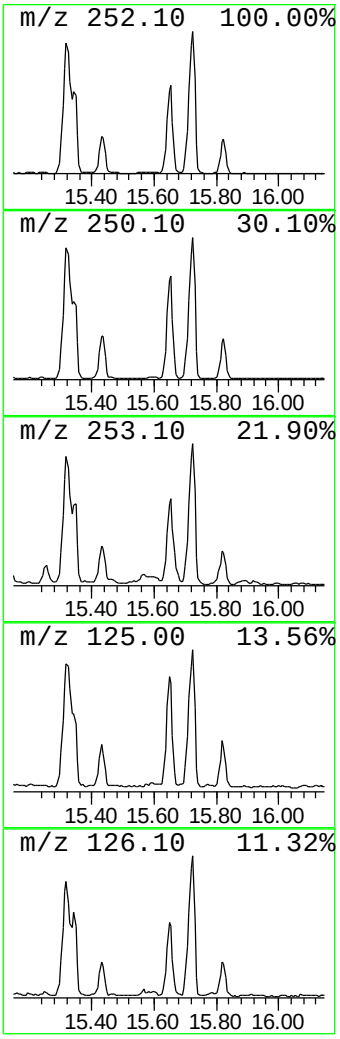
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	23.00 ng	2216520	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





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Data File : BF108082.D
Acq On : 10 Aug 2018 14:28
Operator : JU/SJ
Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

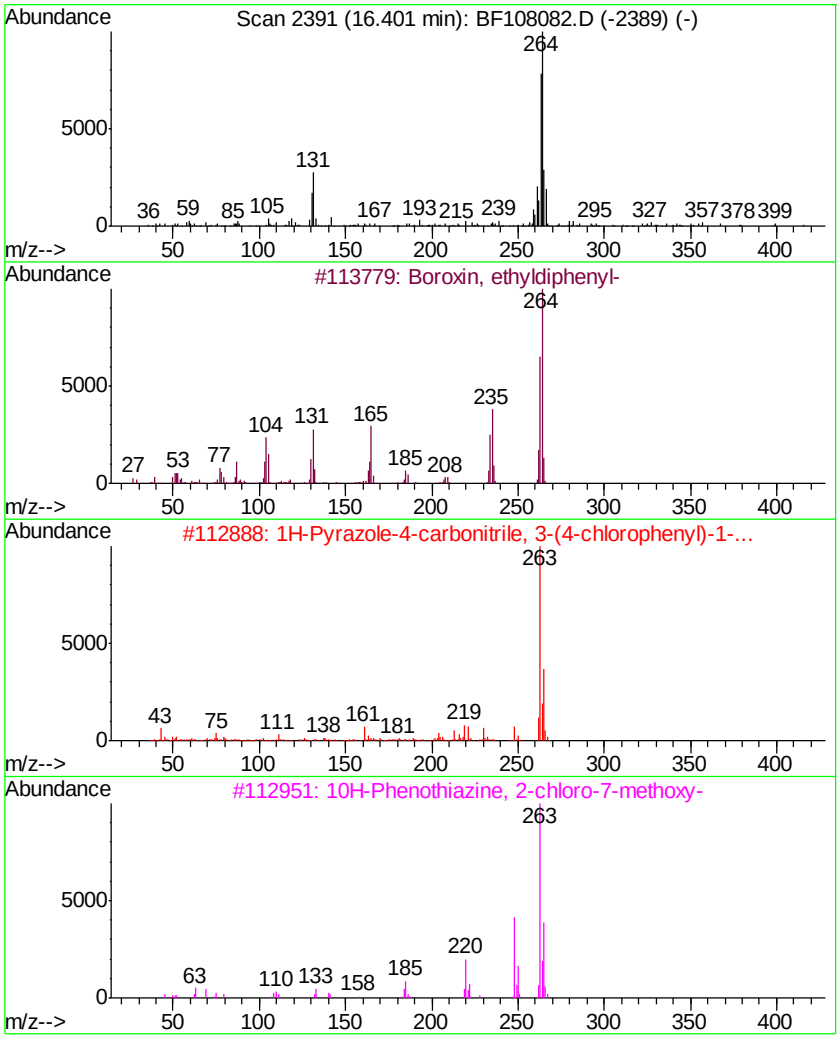
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

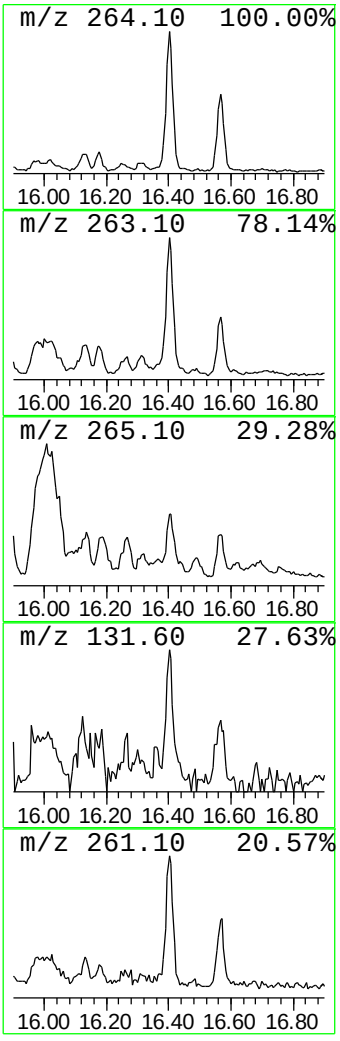
****

Peak Number 19 unknown16.40 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	4.08 ng	393146	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	40
2	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
3	10H-Phenothiazine, 2-chloro-7-me...	263	C13H10ClNOS	001730-44-5	25
4	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	25
5	2-Oxo-6-phenyl-4-(4-hydroxypheny...	264	C16H12N2O2	161200-20-0	17





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108082.D
Acq On : 10 Aug 2018 14:28
Operator : JU/SJ
Sample : J4409-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-10B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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...	2.37	8.6	ng	802251	1	7.02	1860830	20.0
2-Pentanone, 4-hy...	5.26	16.0	ng	1485480	1	7.02	1860830	20.0
unknown6.79	6.79	78.0	ng	7257380	1	7.02	1860830	20.0
1-Acenaphthylenol...	10.97	3.3	ng	382097	4	11.56	2298880	20.0
9H-Fluorene, 2-me...	11.16	3.7	ng	425136	4	11.56	2298880	20.0
Dibenzothiophene	11.45	4.4	ng	504765	4	11.56	2298880	20.0
Anthracene, 2-met...	12.07	12.1	ng	1394330	4	11.56	2298880	20.0
Phenanthrene, 2-m...	12.09	10.7	ng	1226330	4	11.56	2298880	20.0
1H-Cyclopropa[l]p...	12.14	4.9	ng	559108	4	11.56	2298880	20.0
4H-Cyclopenta[def...	12.18	19.8	ng	2276610	4	11.56	2298880	20.0
Naphthalene, 2-ph...	12.36	8.1	ng	935944	4	11.56	2298880	20.0
Anthracene, 1,4-d...	12.61	6.8	ng	783177	4	11.56	2298880	20.0
11H-Benzo[a]fluorene	13.34	3.8	ng	1226220	5	14.22	6393180	20.0
11H-Benzo[b]fluorene	13.41	3.5	ng	1102770	5	14.22	6393180	20.0
Perylene	15.43	7.5	ng	720809	6	15.79	1927160	20.0
Benzo[e]pyrene	15.65	23.0	ng	2216520	6	15.79	1927160	20.0
unknown16.40	16.40	4.1	ng	393146	6	15.79	1927160	20.0