LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108085.D
Acq On : 10 Aug 2018 15:49
Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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	2.954	99	105	111	rVB	336204	520583	11.03%	0.803%
2	5.242	490	494	499	rVB	271189	260071	5.51%	0.401%
3	5.631	556	560	563	rBV	1589175	1361257	28.84%	2.099%
4	6.619	724	728	734	rBV	1697707	1481481	31.39%	2.285%
5	6.778	751	755	759	rBV	1631488	1433446	30.37%	2.210%
6	7.019	792	796	799	rBV	1829696	1591025	33.71%	2.453%
7	7.172	818	822	825	rBV	1286145	1042305	22.08%	1.607%
8	7.572	886	890	893	rBV	1132500	889521	18.85%	1.372%
9	8.301	1010	1014	1020	rBV	2570493	2476719	52.47%	3.819%
10	9.372	1192	1196	1200	rBV	1820166	1434456	30.39%	2.212%
11	9.719	1250	1255	1257	rVV	76517	85660	1.81%	0.132%
12	9.766	1260	1263	1270	rVB2	271276	284073	6.02%	0.438%
13	9.924	1286	1290	1294	rVB	275877	224011	4.75%	0.345%
14	10.066	1310	1314	1317	rBV	2283566	1994542	42.26%	3.076%
15	10.095	1317	1319	1322	rVB	504711	375114	7.95%	0.578%
16	10.266	1344	1348	1351	rVB2	89070	105159	2.23%	0.162%
17	10.301	1351	1354	1358	rBV3	71665	68235	1.45%	0.105%
18	10.377	1362	1367	1369	rBV2	87935	129636	2.75%	0.200%
19	10.407	1369	1372	1379	rVV3	86918	128440	2.72%	0.198%
20	10.471	1379	1383	1388	rVB6	66258	104695	2.22%	0.161%
21	10.519	1388	1391	1395	rBV2	70596	72987	1.55%	0.113%
22	10.613	1404	1407	1411	rVB	302908	273951	5.80%	0.422%
23	10.854	1441	1448	1452	rBV2	921954	861737	18.26%	1.329%
24	10.971	1463	1468	1475	rVB3	76013	143941	3.05%	0.222%
25	11.166	1496	1501	1503	rBV2	137325	177698	3.76%	0.274%
26	11.189	1503	1505	1508	rVV2	67297	68051	1.44%	0.105%
27	11.248	1512	1515	1517	rVB2	69472	66428	1.41%	0.102%
28	11.289	1517	1522	1524	rBV3	81533	101275	2.15%	0.156%
29	11.313	1524	1526	1529	rVV3	91781	112956	2.39%	0.174%
30	11.360	1532	1534	1538	rVV3	111161	121330	2.57%	0.187%
31	11.401	1538	1541	1545	rVV2	88607	107933	2.29%	0.166%
32	11.460	1548	1551	1556	rVB	182419	178792	3.79%	0.276%
33	11.560	1564	1568	1570	rBV	2058238	1901595	40.29%	2.932%
34	11.583	1570	1572	1576	rVV	2217916	2026003	42.92%	3.124%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108085.D
Acq On : 10 Aug 2018 15:49
Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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

35	11.636	1578	1581	1584	rVV	1305813	1056007	22.37%	1.628%
36	11.666	1584	1586	1589	rVB2	79635	87053	1.84%	0.134%
37	11.854	1616	1618	1622	rVB	184236	145436	3.08%	0.224%
38	11.895	1622	1625	1629	rBV3	136491	151176	3.20%	0.233%
39	11.971	1636	1638	1643	rVB	60744	66183	1.40%	0.102%
40	12.065	1650	1654	1656	rBV	480033	438543	9.29%	0.676%
41	12.095	1656	1659	1664	rVV2	548770	539260	11.42%	0.832%
42	12.142	1664	1667	1670	rVV	363669	355270	7.53%	0.548%
43	12.177	1670	1673	1676	rVV2	835965	1018371	21.58%	1.570%
44	12.201	1676	1677	1681	rVB	369781	198385	4.20%	0.306%
45	12.360	1698	1704	1707	rBV	598539	508717	10.78%	0.784%
46	12.512	1724	1730	1733	rBV	165568	195382	4.14%	0.301%
47	12.542	1733	1735	1737	rVV	115653	79372	1.68%	0.122%
48	12.565	1737	1739	1741	rVV	97334	71662	1.52%	0.111%
49	12.589	1741	1743	1746	rVV	696537	762318	16.15%	1.176%
50	12.613	1746	1747	1751	rVV	428678	455682	9.65%	0.703%
51	12.660	1751	1755	1756	rVV2	239026	302458	6.41%	0.466%
52	12.701	1760	1762	1768	rBV2	126808	205674	4.36%	0.317%
53	12.783	1772	1776	1780	rBV	3365610	3307345	70.07%	5.100%
54	12.818	1780	1782	1785	rVB2	239631	184245	3.90%	0.284%
55	12.848	1785	1787	1789	rVB2	90187	74801	1.58%	0.115%
56	12.877	1789	1792	1795	rBV	643045	550357	11.66%	0.849%
57	12.936	1799	1802	1803	rBV	119182	115572	2.45%	0.178%
58	12.954	1803	1805	1809	rVB	211305	185261	3.92%	0.286%
59	13.018	1809	1816	1821	rBV	4244363	4287378	90.83%	6.611%
60	13.065	1821	1824	1827	rVB3	169574	204055	4.32%	0.315%
61	13.148	1831	1838	1841	rBV2	1369587	1377134	29.18%	2.124%
62	13.230	1847	1852	1856	rBV3	304034	477197	10.11%	0.736%
63	13.342	1863	1871	1874	rVB	873258	1120667	23.74%	1.728%
64	13.407	1879	1882	1885	rVV	810691	743708	15.76%	1.147%
65	13.448	1885	1889	1892	rVV2	571528	590890	12.52%	0.911%
66	13.471	1892	1893	1896	rVV2	99072	68610	1.45%	0.106%
67	13.512	1896	1900	1902	rVV3	170618	235362	4.99%	0.363%
68	13.542	1902	1905	1907	rVV	369341	371028	7.86%	0.572%
69	13.571	1907	1910	1916	rVB	440043	500286	10.60%	0.771%
70	13.742	1937	1939	1941	rBV2	78388	80489	1.71%	0.124%
71	13.824	1950	1953	1955	rBV2	135476	175817	3.72%	0.271%

LSC Area Percent Report

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Acq On : 10 Aug 2018 15:49
Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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

72	13.965	1975	1977	1980	rVB	149028	113636	2.41%	0.175%
73	13.995	1980	1982	1984	rBV	421628	294328	6.24%	0.454%
74	14.018	1984	1986	1989	rBV	322707	289414	6.13%	0.446%
75	14.212	2014	2019	2023	rBV2	3282438	4720026	100.00%	7.279%
76	14.248	2023	2025	2030	rVB	2017848	1705186	36.13%	2.630%
77	14.324	2036	2038	2042	rBV	273404	331172	7.02%	0.511%
78	14.359	2042	2044	2048	rVB	248356	237537	5.03%	0.366%
79	14.436	2054	2057	2061	rBV4	80799	137834	2.92%	0.213%
80	14.542	2072	2075	2076	rBV	94989	102710	2.18%	0.158%
81	14.565	2077	2079	2081	rVV2	263139	296989	6.29%	0.458%
82	14.606	2083	2086	2089	rVV	531300	582274	12.34%	0.898%
83	14.642	2089	2092	2095	rVB2	272162	294714	6.24%	0.454%
84	14.706	2098	2103	2105	rBV2	228469	269793	5.72%	0.416%
85	14.736	2105	2108	2110	rBV	265197	249740	5.29%	0.385%
86	14.759	2110	2112	2115	rVB	394641	345071	7.31%	0.532%
87	14.871	2128	2131	2133	rBV	105153	122405	2.59%	0.189%
88	15.318	2202	2207	2210	rBV	1250065	2220914	47.05%	3.425%
89	15.430	2222	2226	2231	rVB	434399	532869	11.29%	0.822%
90	15.524	2239	2242	2245	rBV4	104606	171785	3.64%	0.265%
91	15.648	2259	2263	2270	rVB	922260	1272957	26.97%	1.963%
92	15.718	2270	2275	2281	rVB	1658483	2211209	46.85%	3.410%
93	15.789	2281	2287	2290	rBV	1316858	1854947	39.30%	2.860%
94	15.818	2290	2292	2299	rVB2	304225	410521	8.70%	0.633%
95	16.406	2388	2392	2402	rVB4	203168	415925	8.81%	0.641%
96	17.406	2555	2562	2571	rVB3	440617	934239	19.79%	1.441%
97	17.606	2592	2596	2601	rVB	97408	173379	3.67%	0.267%
98	17.677	2603	2608	2612	rVV3	72425	143518	3.04%	0.221%
99	17.900	2640	2646	2655	rBV	302610	656768	13.91%	1.013%
100	18.165	2686	2691	2698	rVB2	131608	263807	5.59%	0.407%

Sum of corrected areas: 64847924

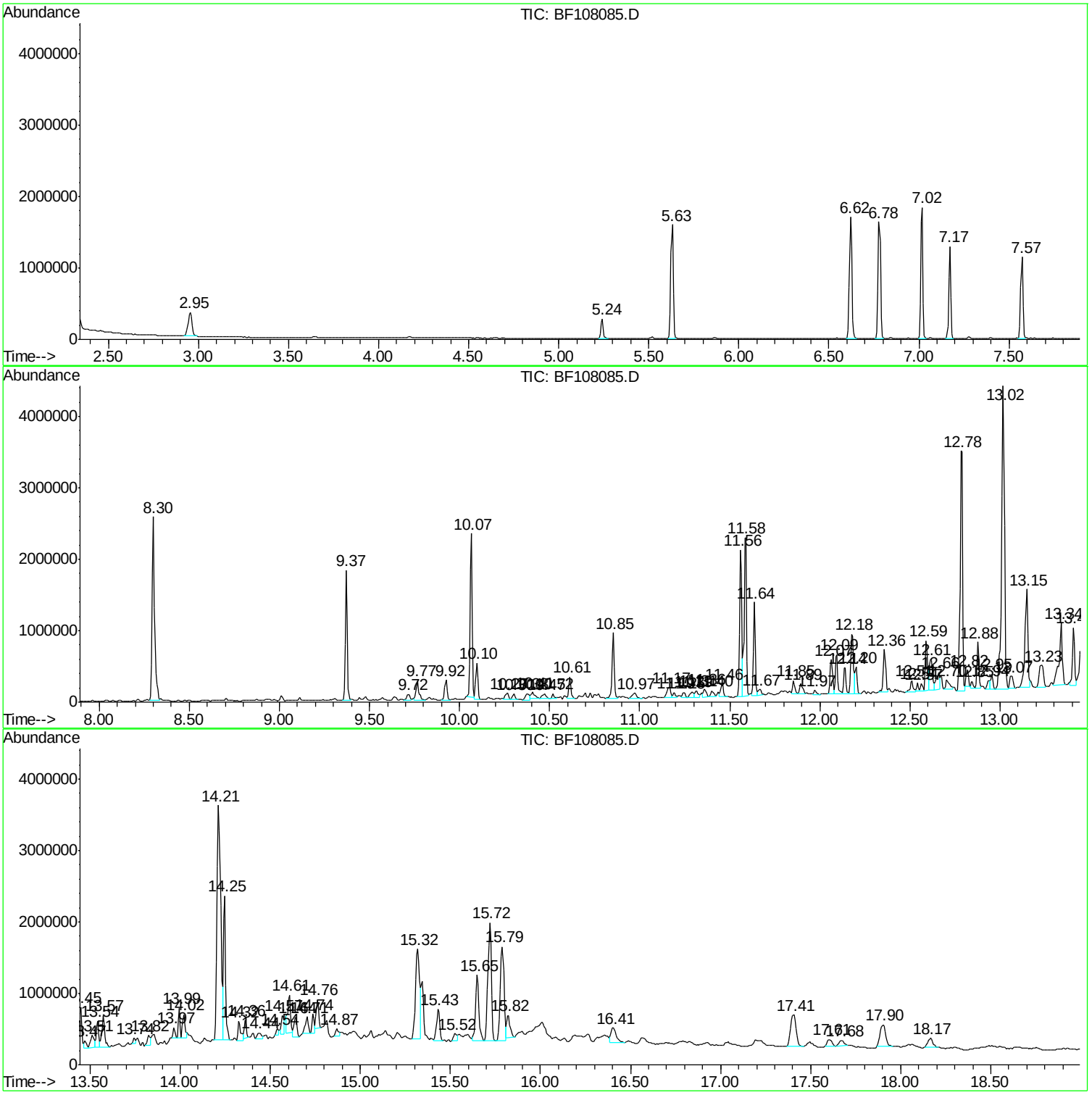
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108085.D
Acq On : 10 Aug 2018 15:49
Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108085.D
Acq On : 10 Aug 2018 15:49
Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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

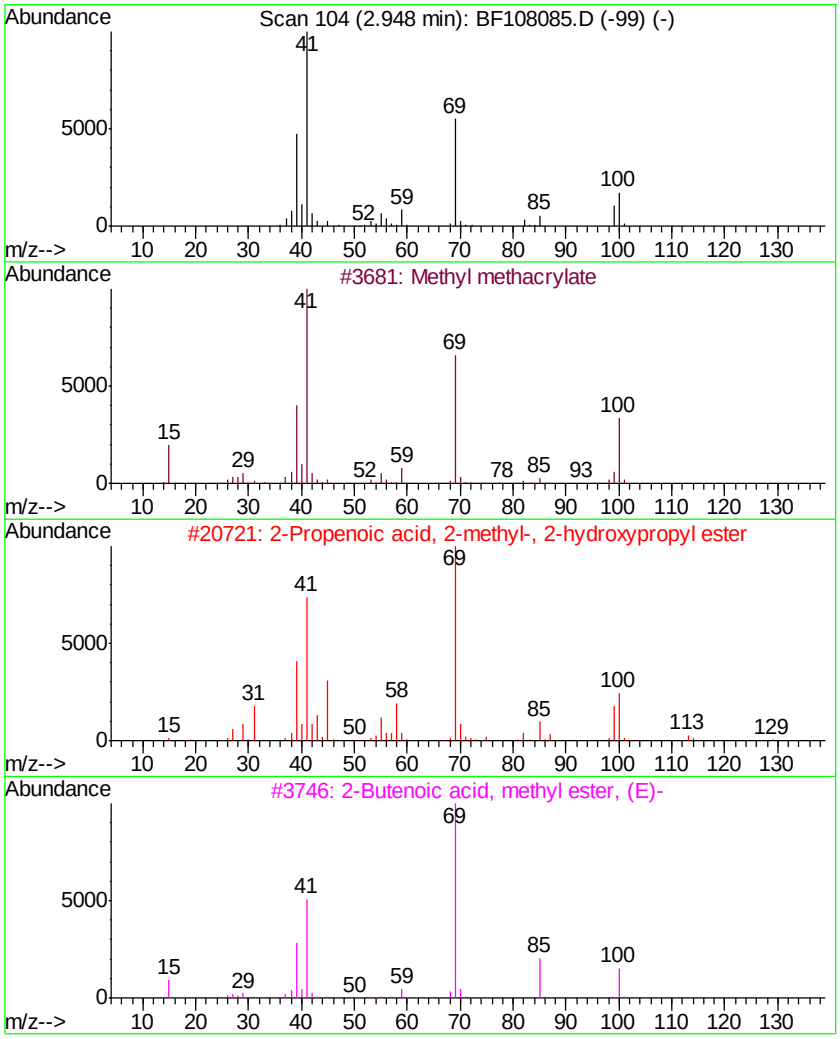
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

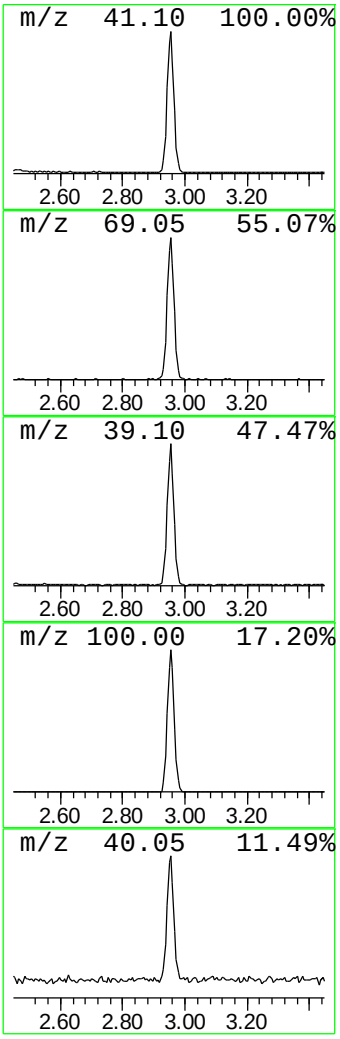
****

Peak Number 1 Methyl methacrylate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	6.54 ng	520583	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl methacrylate	100	C5H8O2	000080-62-6	64
2	2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	56
3	2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	45
4	2-Butenoic acid, methyl ester, (Z)-	100	C5H8O2	004358-59-2	42
5	2-Butenoic acid, 2-methylpropyl ...	142	C8H14O2	000589-66-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108085.D
Acq On : 10 Aug 2018 15:49
Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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

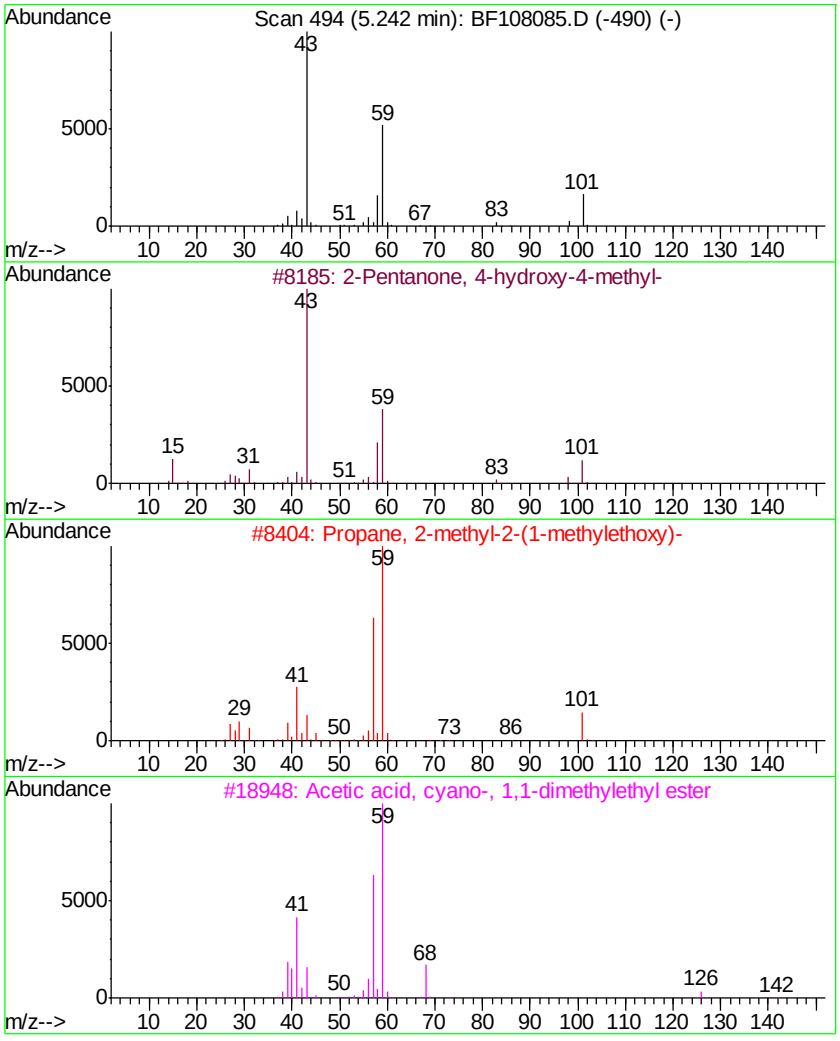
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

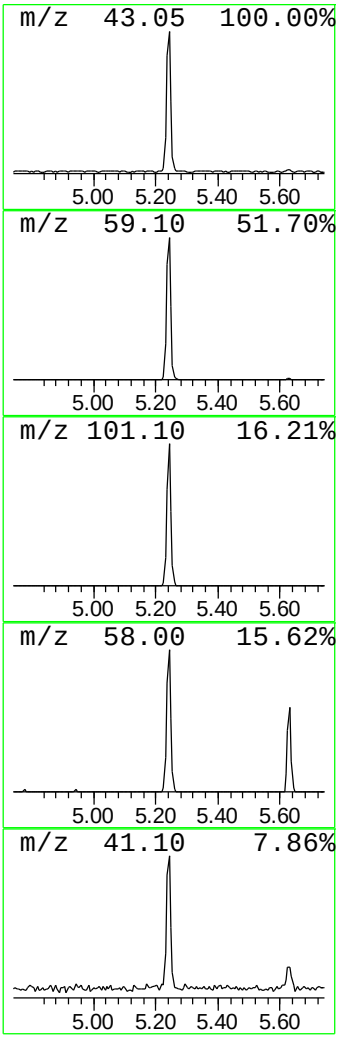
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	3.27 ng	260071	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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108085.D
Acq On : 10 Aug 2018 15:49
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Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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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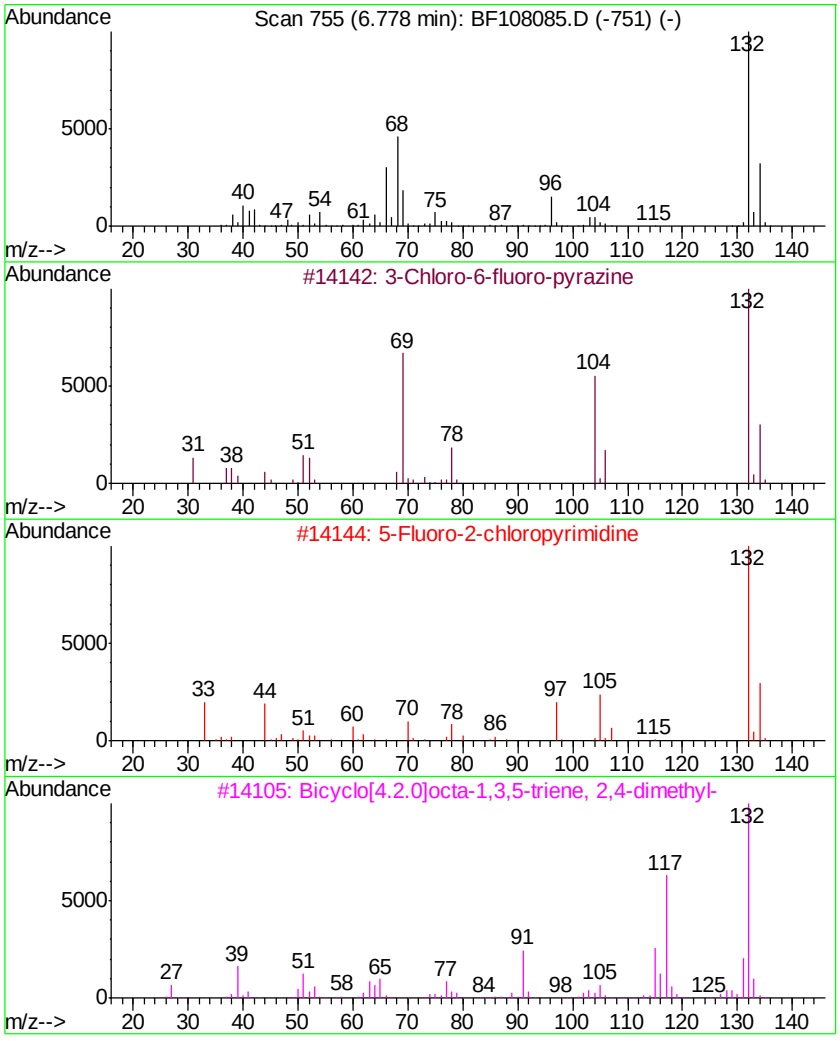
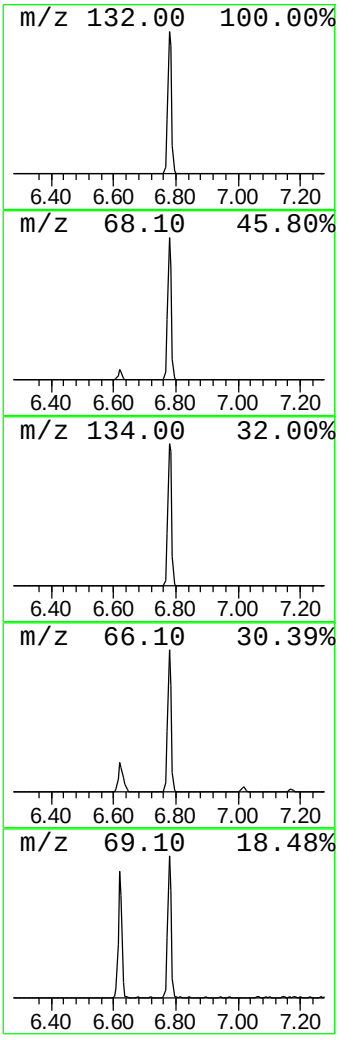
Peak Number 3 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	18.02 ng	1433450	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108085.D
Acq On : 10 Aug 2018 15:49
Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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

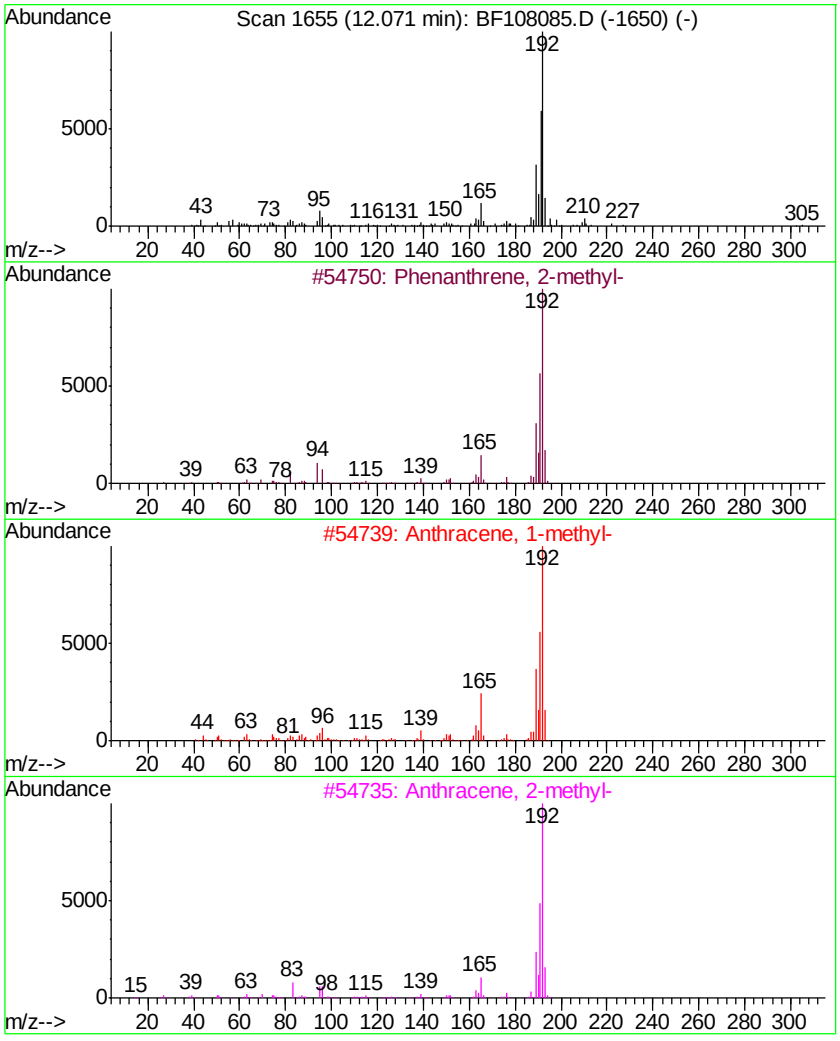
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

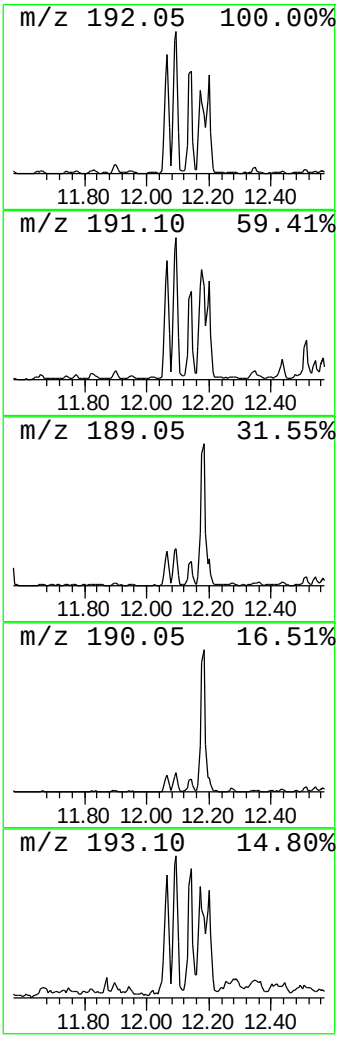
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.61 ng	438543	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108085.D
Acq On : 10 Aug 2018 15:49
Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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

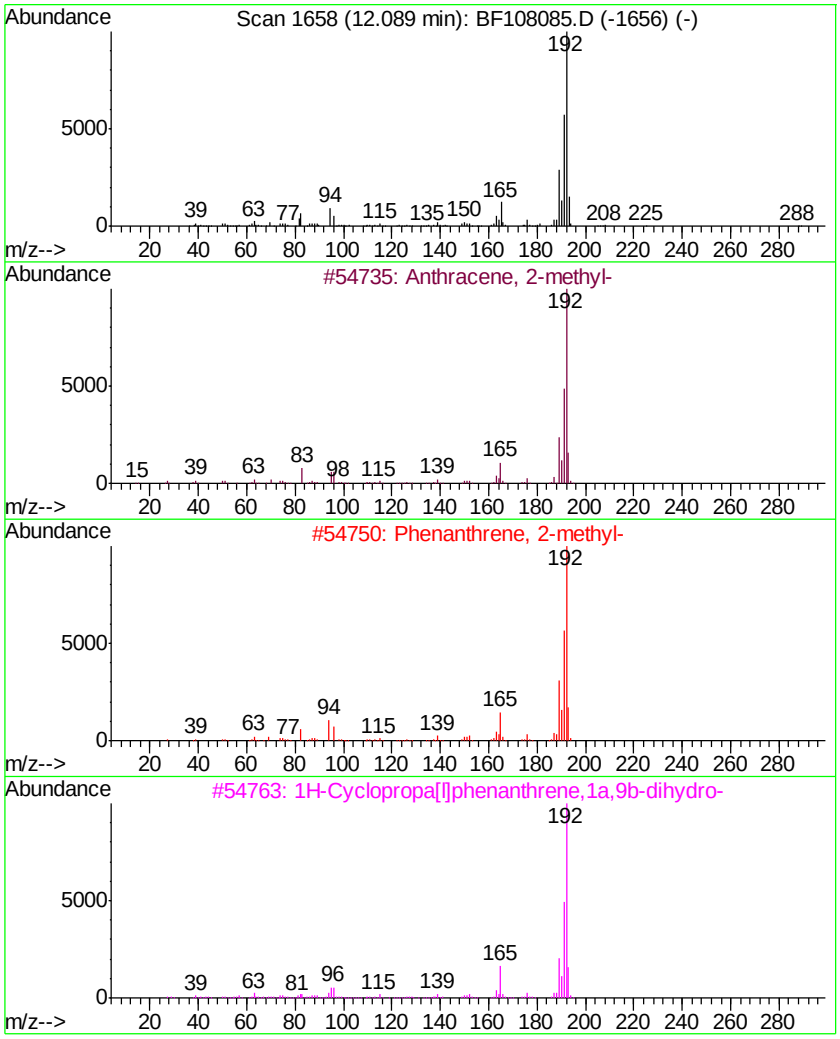
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

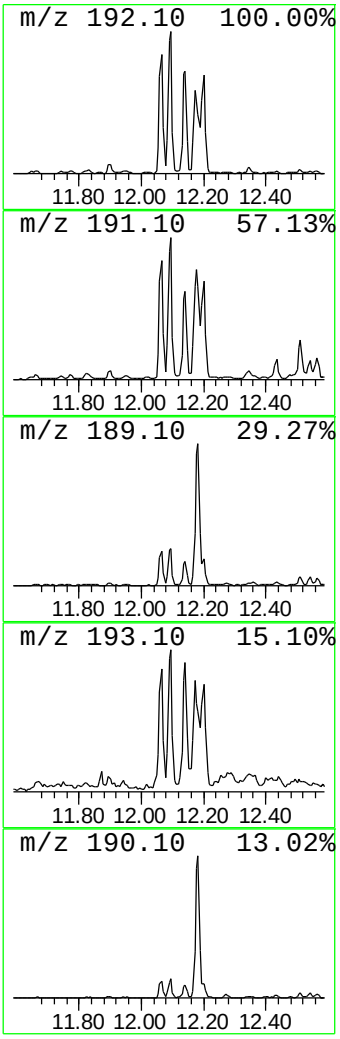
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	5.67 ng	539260	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, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Data File : BF108085.D
Acq On : 10 Aug 2018 15:49
Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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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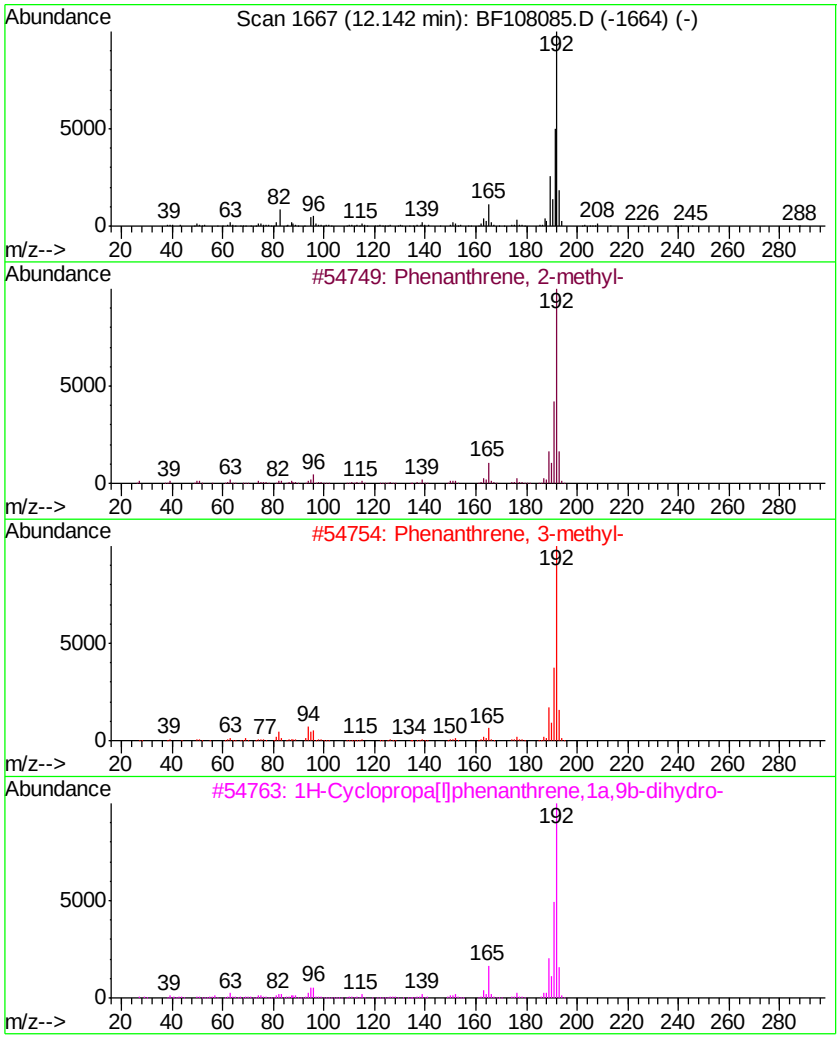
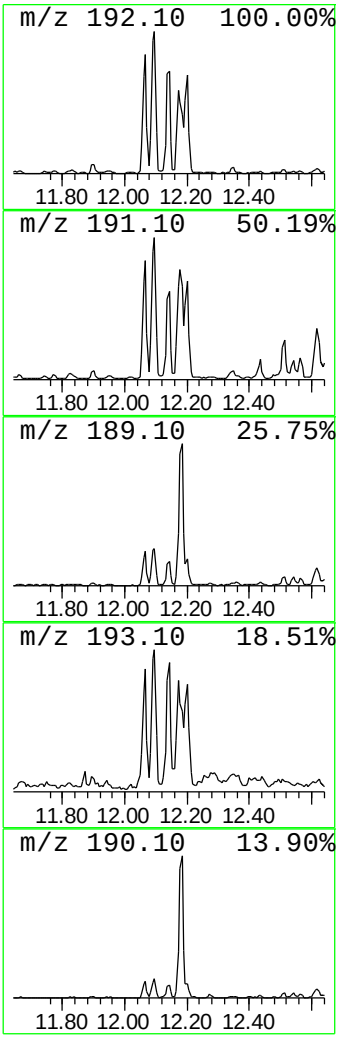
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.74 ng	355270	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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

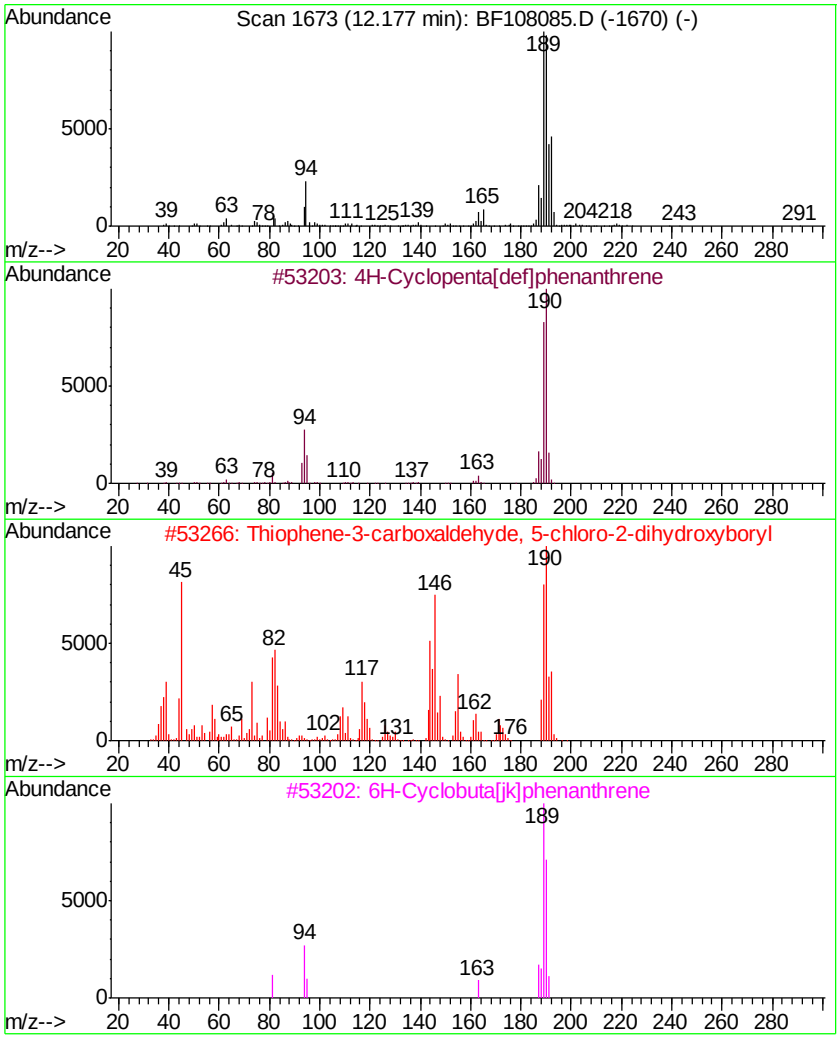
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

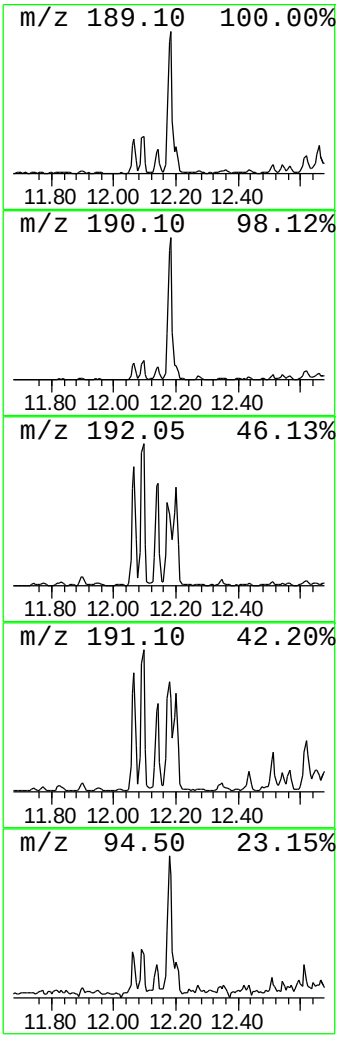
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	10.71 ng	1018370	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	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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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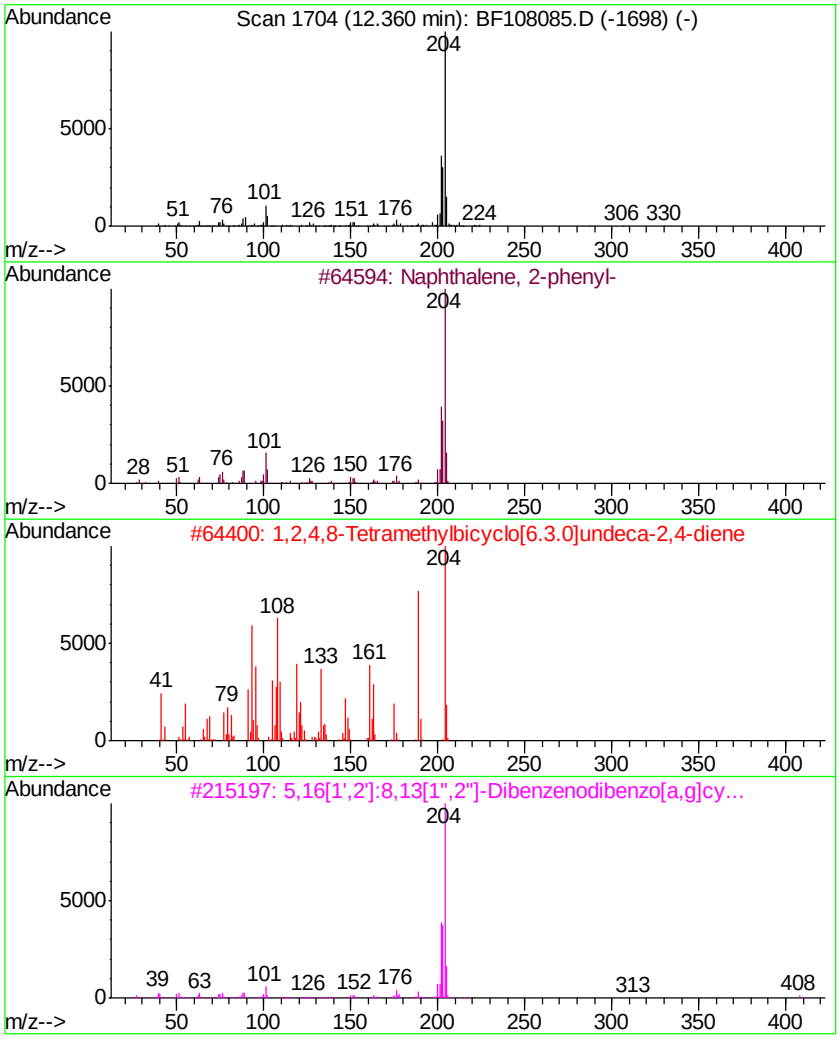
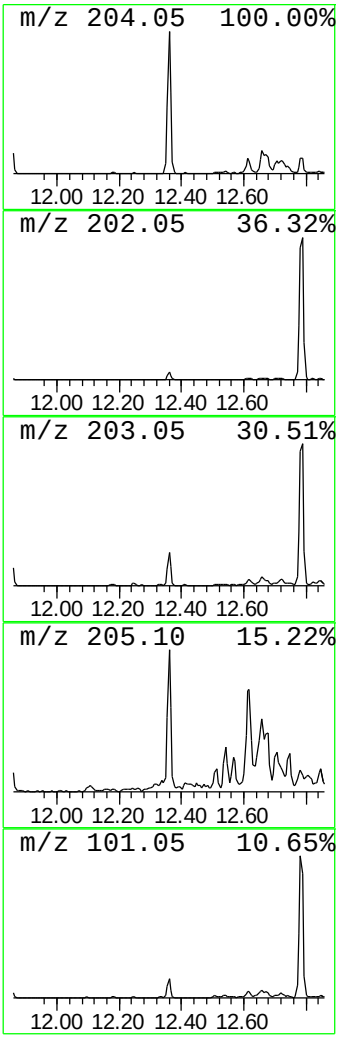
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	5.35 ng	508717	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	87
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72





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Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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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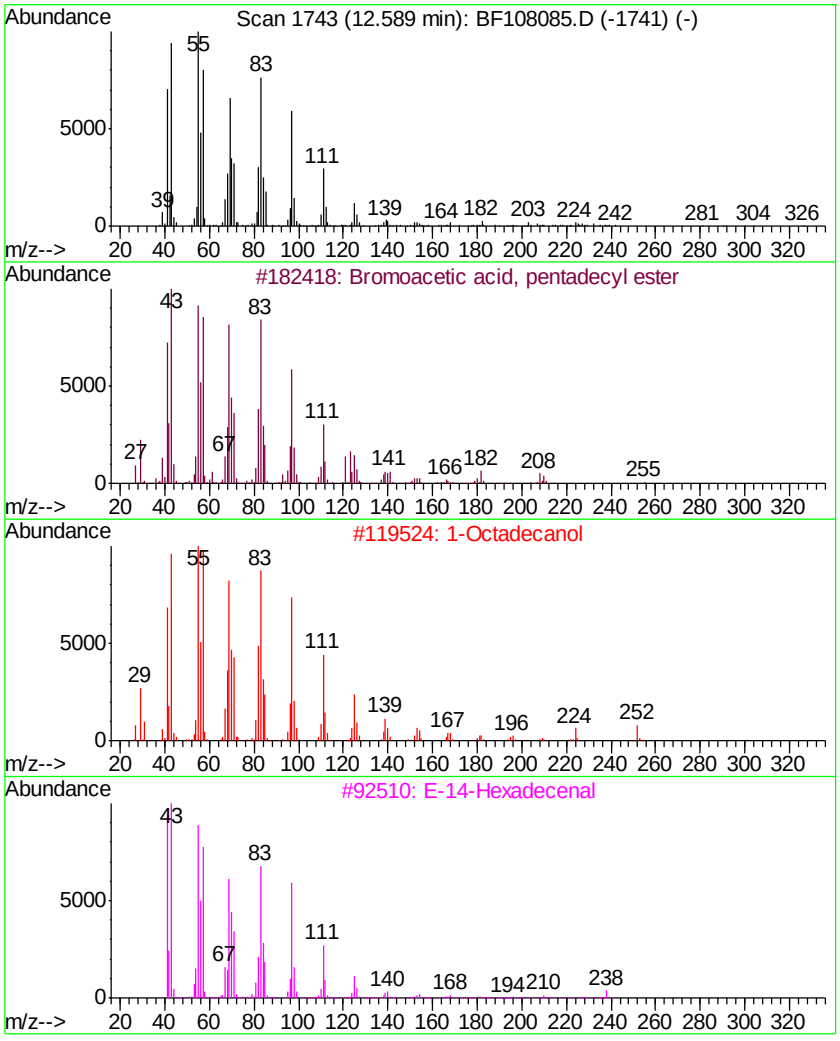
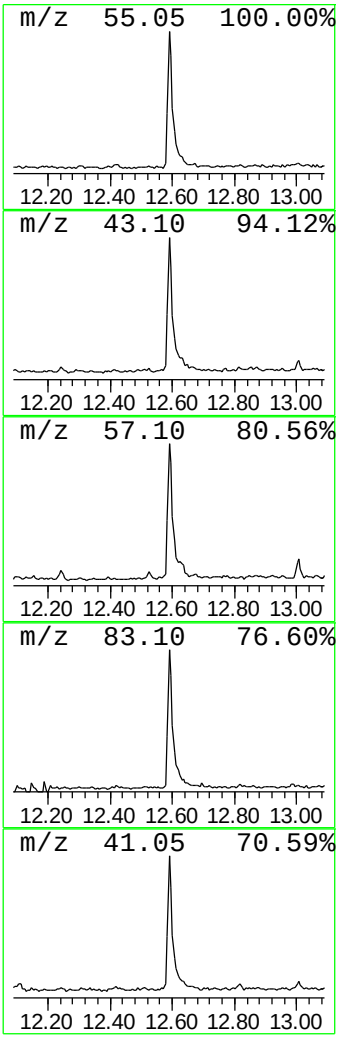
Peak Number 10 Bromoacetic acid, pentadecy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	8.02 ng	762318	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108085.D
Acq On : 10 Aug 2018 15:49
Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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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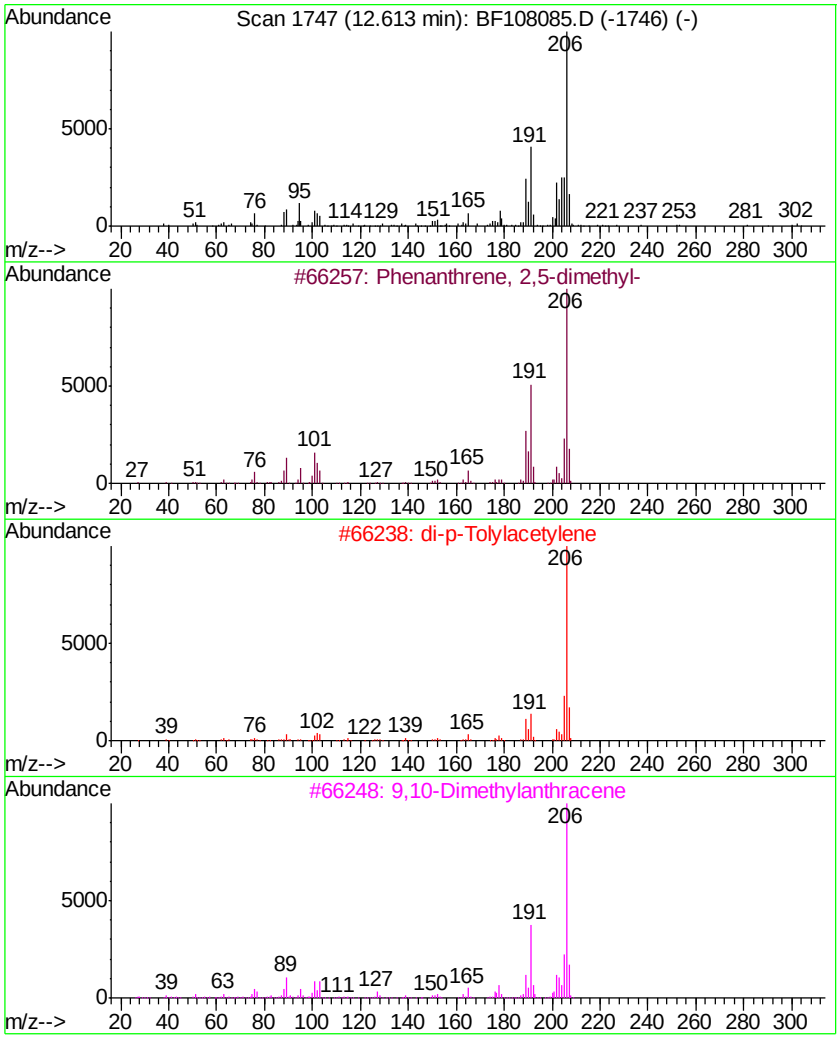
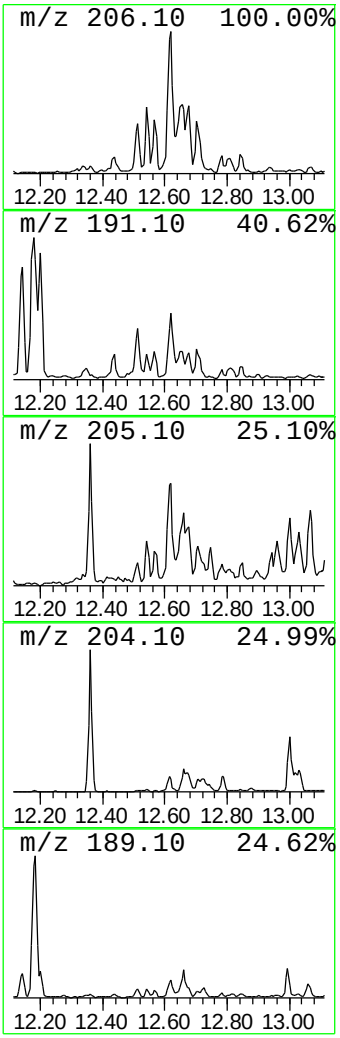
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	4.79 ng	455682	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86





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Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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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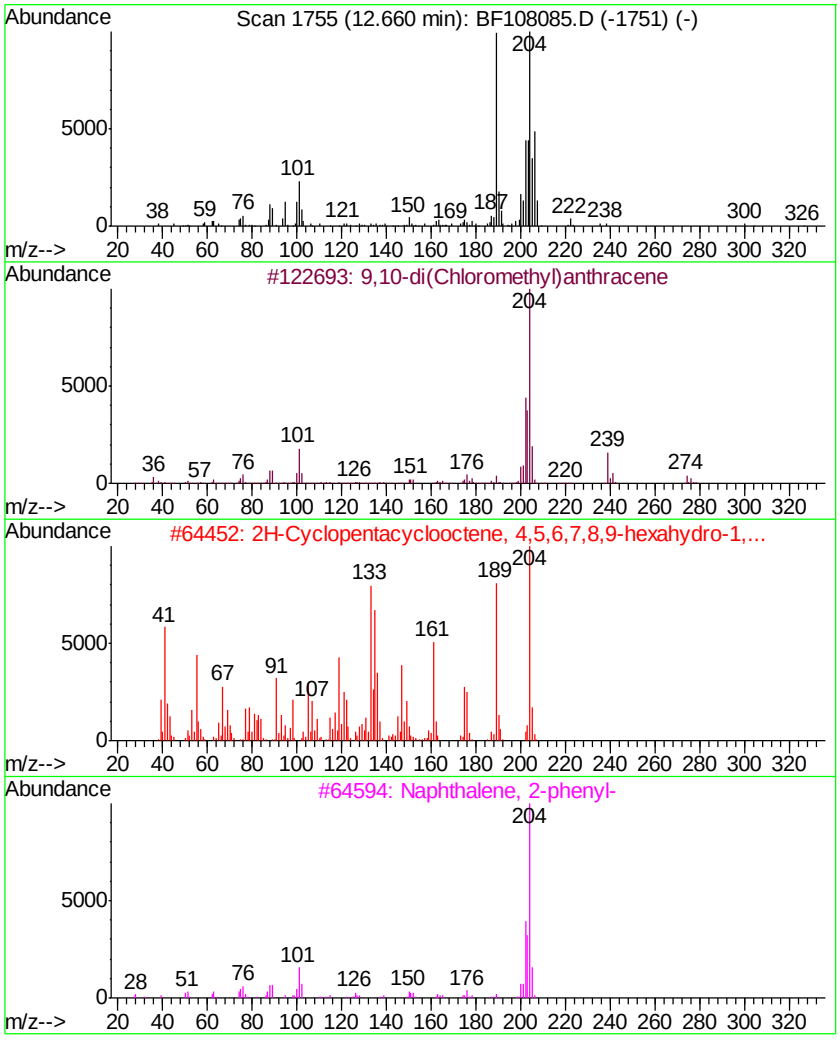
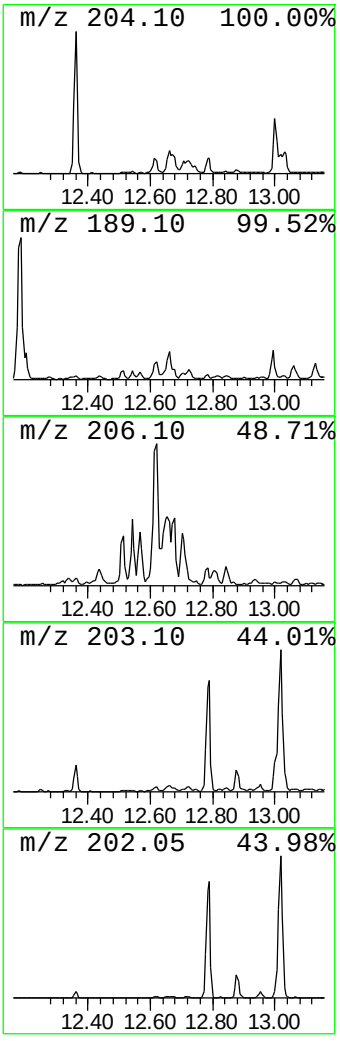
Peak Number 12 unknown12.66 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	3.18 ng	302458	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	47
2	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	38
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38





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Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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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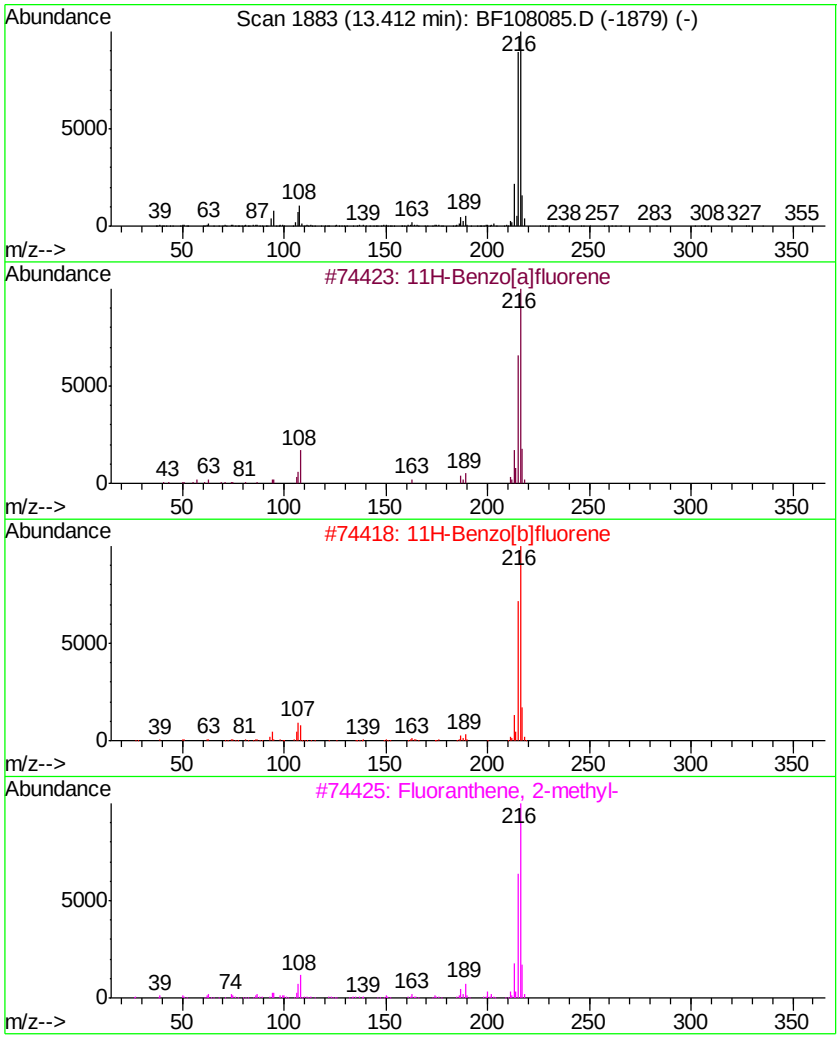
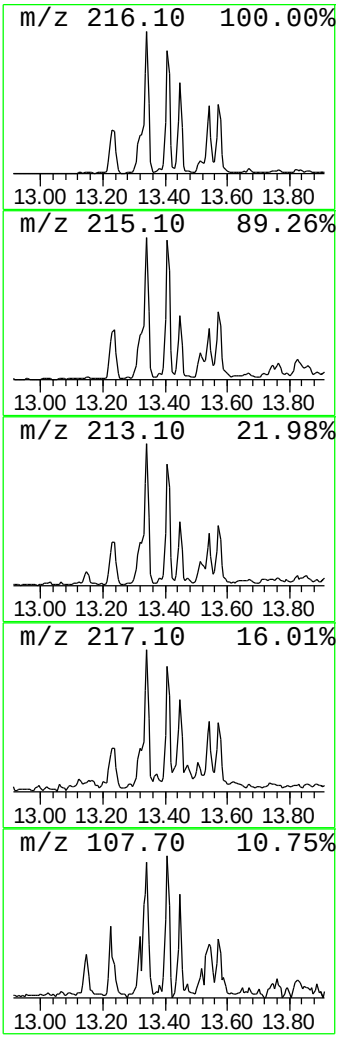
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.15 ng	743708	Chrysene-d12	14.22

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	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





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Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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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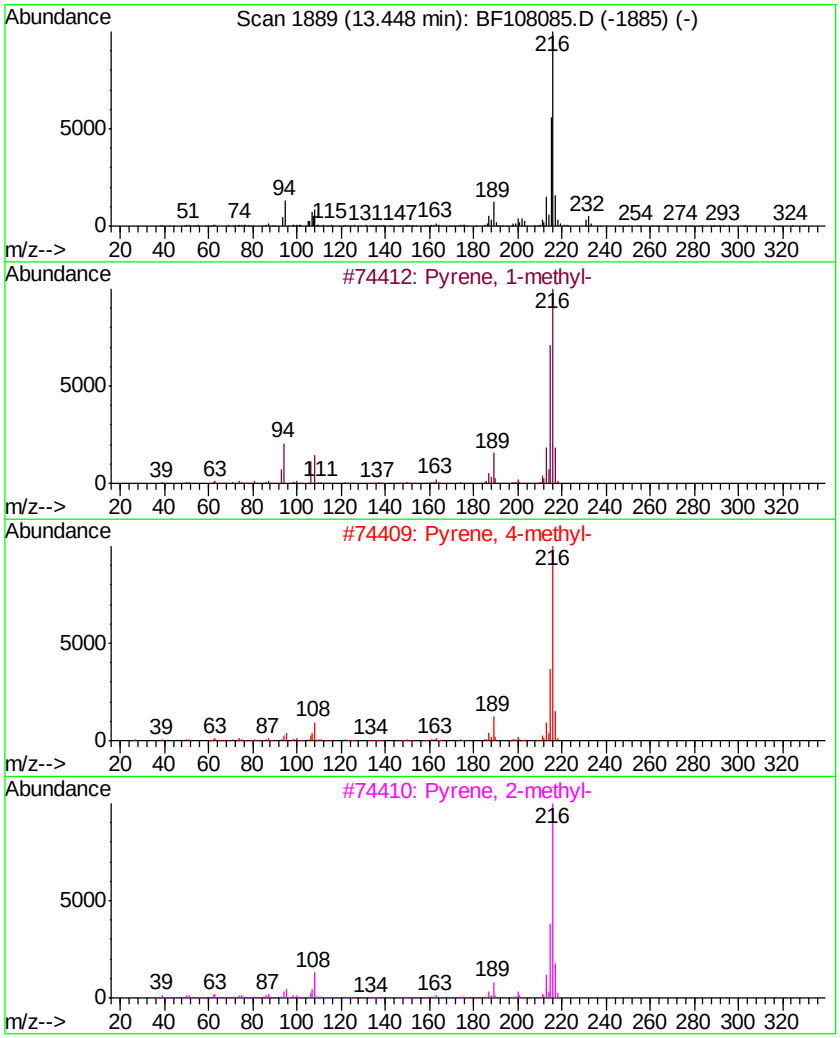
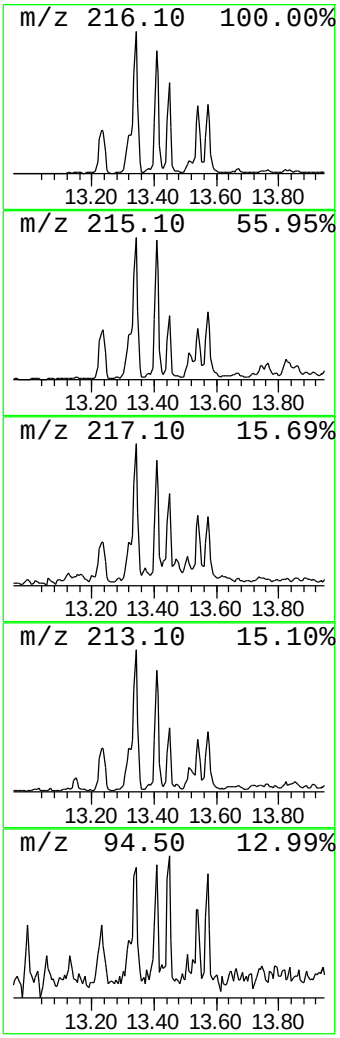
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	2.50 ng	590890	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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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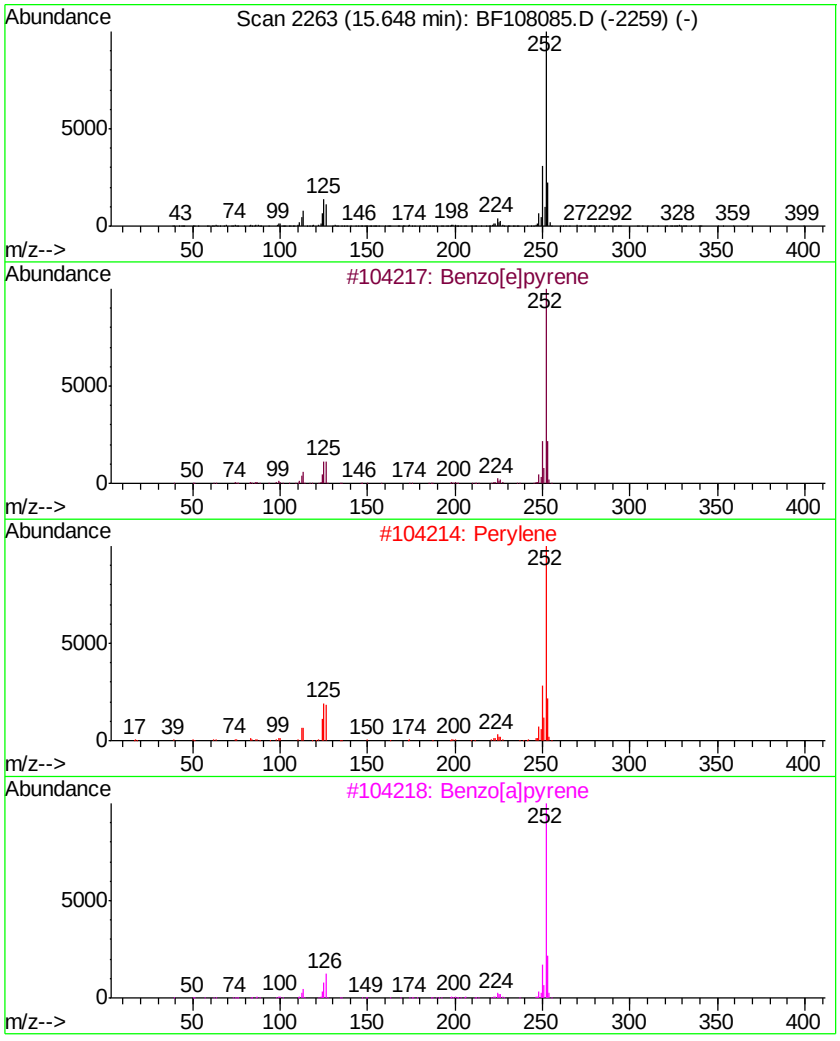
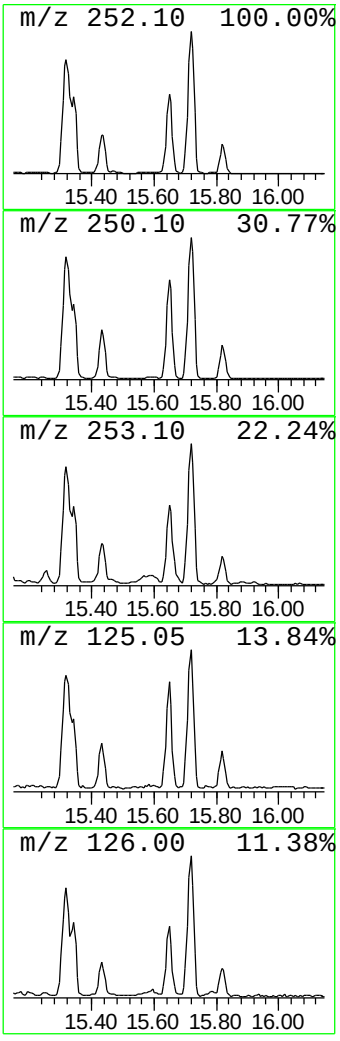
Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	13.73 ng	1272960	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	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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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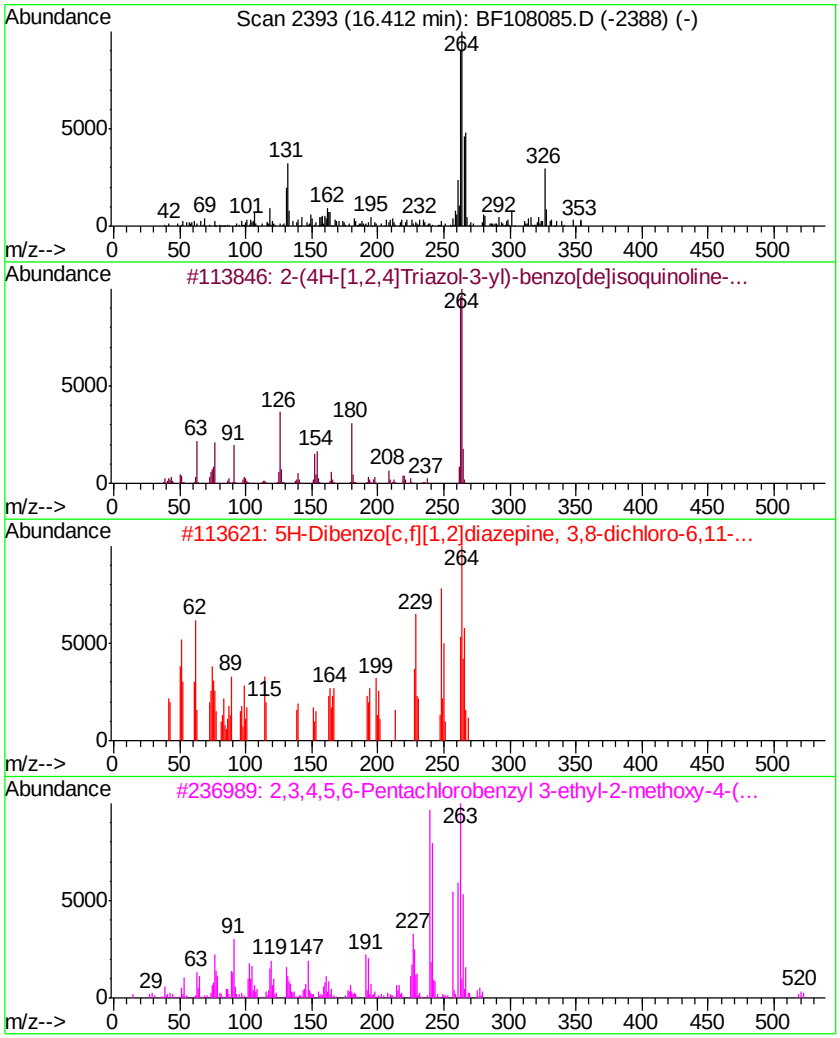
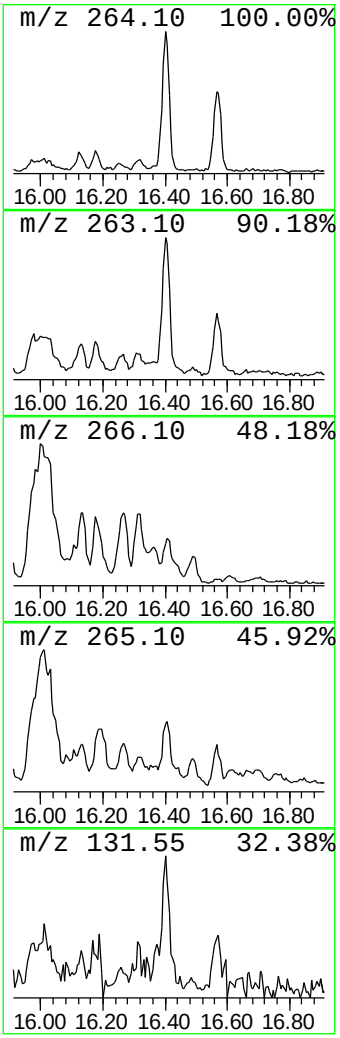
Peak Number 19 2-(4H-[1,2,4]Triazol-3-yl)-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	4.48 ng	415925	Perylene-d12	15.79

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	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	30
3	2,3,4,5,6-Pentachlorobenzyl 3-et...	518	C18H15Cl5O5S	1000332-55-0	27
4	Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	25
5	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108085.D
Acq On : 10 Aug 2018 15:49
Operator : JU/SJ
Sample : J4409-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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
Methyl methacrylate	2.95	6.5	ng	520583	1	7.02	1591030	20.0
2-Pentanone, 4-hy...	5.24	3.3	ng	260071	1	7.02	1591030	20.0
unknown6.78	6.78	18.0	ng	1433450	1	7.02	1591030	20.0
Anthracene, 1-met...	12.07	4.6	ng	438543	4	11.56	1901600	20.0
Anthracene, 2-met...	12.09	5.7	ng	539260	4	11.56	1901600	20.0
Phenanthrene, 2-m...	12.14	3.7	ng	355270	4	11.56	1901600	20.0
4H-Cyclopenta[def...	12.18	10.7	ng	1018370	4	11.56	1901600	20.0
Naphthalene, 2-ph...	12.36	5.3	ng	508717	4	11.56	1901600	20.0
Bromoacetic acid,...	12.59	8.0	ng	762318	4	11.56	1901600	20.0
Phenanthrene, 2,5...	12.61	4.8	ng	455682	4	11.56	1901600	20.0
unknown12.66	12.66	3.2	ng	302458	4	11.56	1901600	20.0
11H-Benzo[a]fluorene	13.41	3.1	ng	743708	5	14.22	4720030	20.0
Pyrene, 1-methyl-	13.45	2.5	ng	590890	5	14.22	4720030	20.0
Benzo[e]pyrene	15.65	13.7	ng	1272960	6	15.79	1854950	20.0
2-(4H-[1,2,4]Tria...	16.41	4.5	ng	415925	6	15.79	1854950	20.0