LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107659.D
Acq On : 25 Jul 2018 16:13
Operator : JU/SJ
Sample : J4126-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-13

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-BF072018.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	5.190	482	485	493	rBV	252461	290615	4.84%	0.366%
2	5.596	550	554	583	rBV	1111124	1835331	30.60%	2.313%
3	6.595	721	724	733	rBV	1253921	1760810	29.36%	2.219%
4	6.660	733	735	744	rVV	154692	273071	4.55%	0.344%
5	6.737	744	748	772	rVB	1761408	2138509	35.65%	2.695%
6	6.966	783	787	802	rBV	1024644	1294757	21.59%	1.632%
7	7.119	809	813	829	rBV	1432120	1536013	25.61%	1.936%
8	7.531	879	883	902	rBV	803714	1240195	20.68%	1.563%
9	8.248	1001	1005	1016	rBV	1436756	1628848	27.16%	2.053%
10	9.260	1173	1177	1182	rBV	141696	127539	2.13%	0.161%
11	9.319	1184	1187	1197	rBV	1802935	1753734	29.24%	2.210%
12	9.666	1242	1246	1248	rBV	53583	60561	1.01%	0.076%
13	9.713	1251	1254	1261	rVB	366996	337011	5.62%	0.425%
14	9.872	1278	1281	1286	rVB	109390	112715	1.88%	0.142%
15	10.007	1297	1304	1308	rBV2	1531215	1553040	25.89%	1.958%
16	10.042	1308	1310	1317	rVV	368584	369160	6.15%	0.465%
17	10.213	1334	1339	1342	rBV2	98864	158965	2.65%	0.200%
18	10.248	1342	1345	1348	rVB	52197	60361	1.01%	0.076%
19	10.319	1353	1357	1360	rBV3	67247	89562	1.49%	0.113%
20	10.401	1367	1371	1379	rVB3	129501	229285	3.82%	0.289%
21	10.489	1383	1386	1391	rVB	125779	114829	1.91%	0.145%
22	10.560	1394	1398	1402	rBV	286410	317947	5.30%	0.401%
23	10.713	1422	1424	1427	rVB	83193	75493	1.26%	0.095%
24	10.801	1435	1439	1445	rBV	1053316	1193512	19.90%	1.504%
25	10.919	1453	1459	1465	rVB5	67277	133569	2.23%	0.168%
26	10.972	1465	1468	1470	rBV	82516	78974	1.32%	0.100%
27	11.001	1470	1473	1477	rBV3	57516	69669	1.16%	0.088%
28	11.107	1486	1491	1494	rVV2	150742	226177	3.77%	0.285%
29	11.142	1494	1497	1502	rVV4	102726	200162	3.34%	0.252%
30	11.189	1502	1505	1507	rVV	129319	121829	2.03%	0.154%
31	11.230	1509	1512	1514	rVV4	108969	108085	1.80%	0.136%
32	11.254	1514	1516	1521	rVV3	64357	80293	1.34%	0.101%
33	11.307	1521	1525	1528	rVV3	128604	161732	2.70%	0.204%
34	11.342	1528	1531	1535	rVV3	80977	114231	1.90%	0.144%

LSC Area Percent Report

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Acq On : 25 Jul 2018 16:13
Operator : JU/SJ
Sample : J4126-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-13

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.401	1538	1541	1547	rVB	195924	205852	3.43%	0.259%
36	11.507	1555	1559	1560	rBV	1275649	1252948	20.89%	1.579%
37	11.530	1560	1563	1569	rVV	3712443	3849454	64.18%	4.852%
38	11.583	1569	1572	1576	rVB	687298	719790	12.00%	0.907%
39	11.742	1593	1599	1605	rBV2	253596	430700	7.18%	0.543%
40	11.795	1605	1608	1613	rVV2	114230	143584	2.39%	0.181%
41	11.836	1613	1615	1621	rVB4	54430	86235	1.44%	0.109%
42	12.007	1640	1644	1646	rBV	622551	613099	10.22%	0.773%
43	12.036	1646	1649	1654	rVV	644615	707752	11.80%	0.892%
44	12.083	1654	1657	1660	rVV	216227	220088	3.67%	0.277%
45	12.119	1660	1663	1665	rVV2	846714	919846	15.34%	1.159%
46	12.142	1665	1667	1671	rVB	476908	431244	7.19%	0.544%
47	12.301	1691	1694	1697	rBV	401079	377991	6.30%	0.476%
48	12.330	1697	1699	1705	rVB	369666	381344	6.36%	0.481%
49	12.448	1716	1719	1723	rBV2	159269	174987	2.92%	0.221%
50	12.483	1723	1725	1727	rBV	91811	64182	1.07%	0.081%
51	12.507	1727	1729	1733	rVB	76134	66661	1.11%	0.084%
52	12.560	1734	1738	1741	rBV2	232483	294765	4.91%	0.372%
53	12.613	1746	1747	1750	rVB	148126	116635	1.94%	0.147%
54	12.648	1750	1753	1757	rBV3	171080	227542	3.79%	0.287%
55	12.689	1757	1760	1762	rVB	115883	108123	1.80%	0.136%
56	12.730	1762	1767	1774	rBV	5095536	5885841	98.12%	7.419%
57	12.789	1774	1777	1780	rVV	117743	126265	2.11%	0.159%
58	12.819	1780	1782	1785	rVB	118259	102264	1.70%	0.129%
59	12.877	1790	1792	1794	rBV	144823	111090	1.85%	0.140%
60	12.960	1799	1806	1811	rBV2	4216900	5998317	100.00%	7.561%
61	13.001	1811	1813	1819	rVB2	275655	319096	5.32%	0.402%
62	13.089	1822	1828	1831	rBV2	1265184	1473322	24.56%	1.857%
63	13.172	1837	1842	1846	rBV3	285331	485677	8.10%	0.612%
64	13.224	1849	1851	1853	rVB	130934	94778	1.58%	0.119%
65	13.283	1853	1861	1866	rBV	718823	1074218	17.91%	1.354%
66	13.348	1869	1872	1875	rBV	651626	590800	9.85%	0.745%
67	13.383	1875	1878	1881	rVV2	305270	348795	5.81%	0.440%
68	13.477	1892	1894	1897	rBV	193424	188880	3.15%	0.238%
69	13.513	1897	1900	1905	rVB	219122	276503	4.61%	0.349%
70	13.671	1924	1927	1930	rBV5	157219	171683	2.86%	0.216%
71	13.766	1940	1943	1945	rBV3	123349	151415	2.52%	0.191%

LSC Area Percent Report

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Sample : J4126-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-13

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.795	1945	1948	1952	rVB	311760	364063	6.07%	0.459%
73	13.871	1957	1961	1964	rVV2	1354219	1407087	23.46%	1.774%
74	13.907	1964	1967	1969	rVV	553140	655287	10.92%	0.826%
75	13.930	1969	1971	1973	rVV	411170	398889	6.65%	0.503%
76	13.971	1973	1978	1981	rVV2	1232204	1501126	25.03%	1.892%
77	14.001	1981	1983	1987	rVB	270757	272566	4.54%	0.344%
78	14.054	1988	1992	1995	rBV	1231761	1233086	20.56%	1.554%
79	14.095	1996	1999	2002	rVV2	2255193	2367884	39.48%	2.985%
80	14.124	2002	2004	2006	rVV	1312339	1414597	23.58%	1.783%
81	14.154	2006	2009	2013	rVV2	2392534	4106582	68.46%	5.176%
82	14.189	2013	2015	2022	rVV	2412250	2221117	37.03%	2.800%
83	14.266	2025	2028	2033	rBV	598859	650406	10.84%	0.820%
84	14.307	2033	2035	2041	rVB5	187936	241864	4.03%	0.305%
85	14.542	2073	2075	2078	rVB	261187	209927	3.50%	0.265%
86	14.595	2082	2084	2087	rVB	394066	311635	5.20%	0.393%
87	14.689	2096	2100	2105	rVB2	957137	1220461	20.35%	1.538%
88	15.242	2188	2194	2196	rBV	1537430	2533530	42.24%	3.193%
89	15.265	2196	2198	2204	rVB2	1266853	1458380	24.31%	1.838%
90	15.348	2209	2212	2219	rVB	272455	344285	5.74%	0.434%
91	15.560	2244	2248	2255	rVB	923211	1397708	23.30%	1.762%
92	15.630	2255	2260	2265	rBV	1314825	1911102	31.86%	2.409%
93	15.695	2267	2271	2274	rVV	705771	986114	16.44%	1.243%
94	15.730	2274	2277	2284	rVB	397202	612044	10.20%	0.771%
95	16.136	2343	2346	2354	rVB2	280188	455446	7.59%	0.574%
96	17.277	2533	2540	2551	rBV2	595617	1396931	23.29%	1.761%
97	17.754	2615	2621	2632	rBV	445187	1026332	17.11%	1.294%

Sum of corrected areas: 79336799

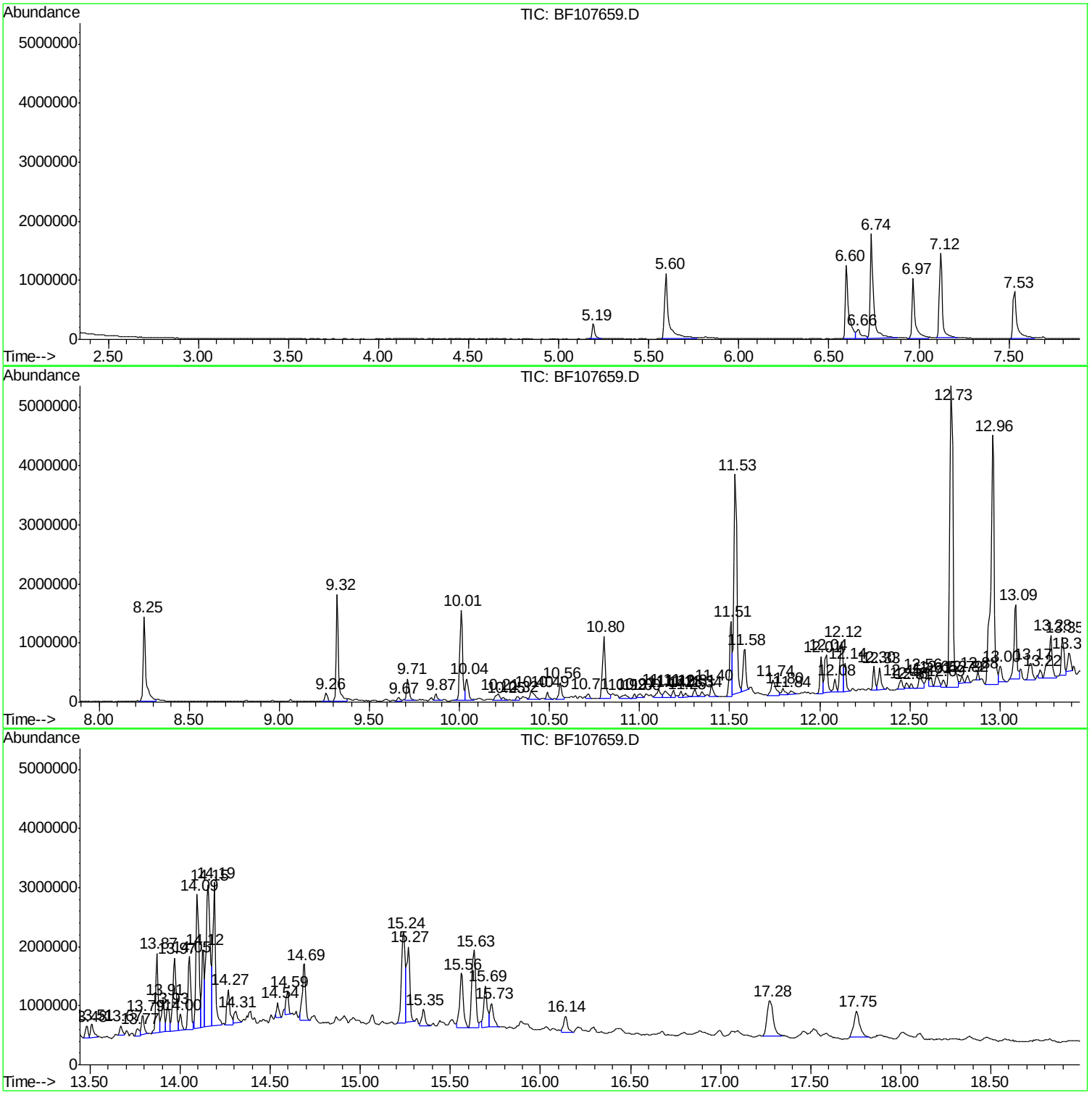
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107659.D
Acq On : 25 Jul 2018 16:13
Operator : JU/SJ
Sample : J4126-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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\BF072518\
Data File : BF107659.D
Acq On : 25 Jul 2018 16:13
Operator : JU/SJ
Sample : J4126-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

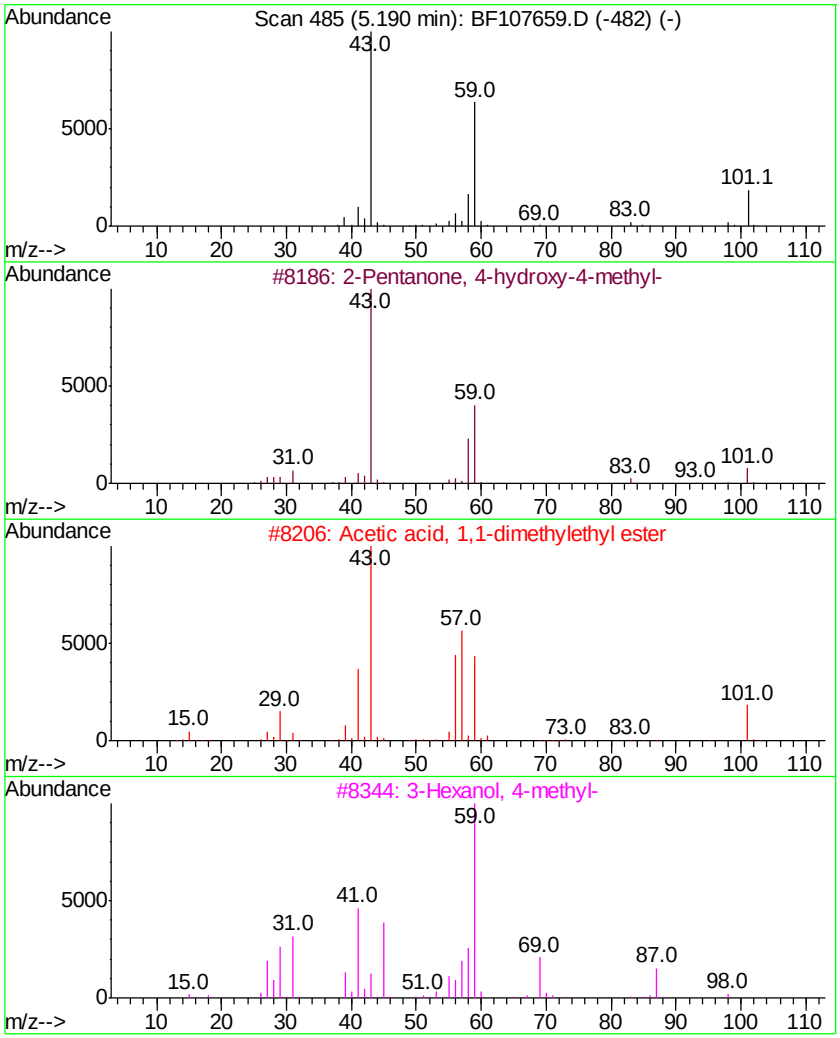
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

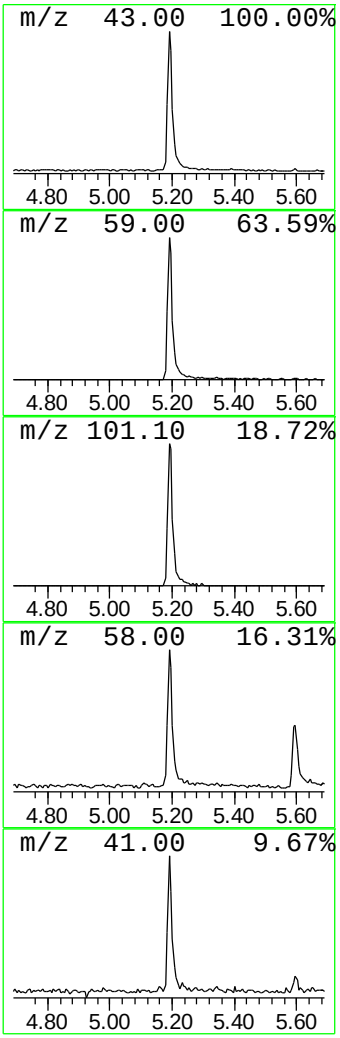
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.49 ng	290615	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	3-Octanol	130	C8H18O	000589-98-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107659.D
Acq On : 25 Jul 2018 16:13
Operator : JU/SJ
Sample : J4126-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

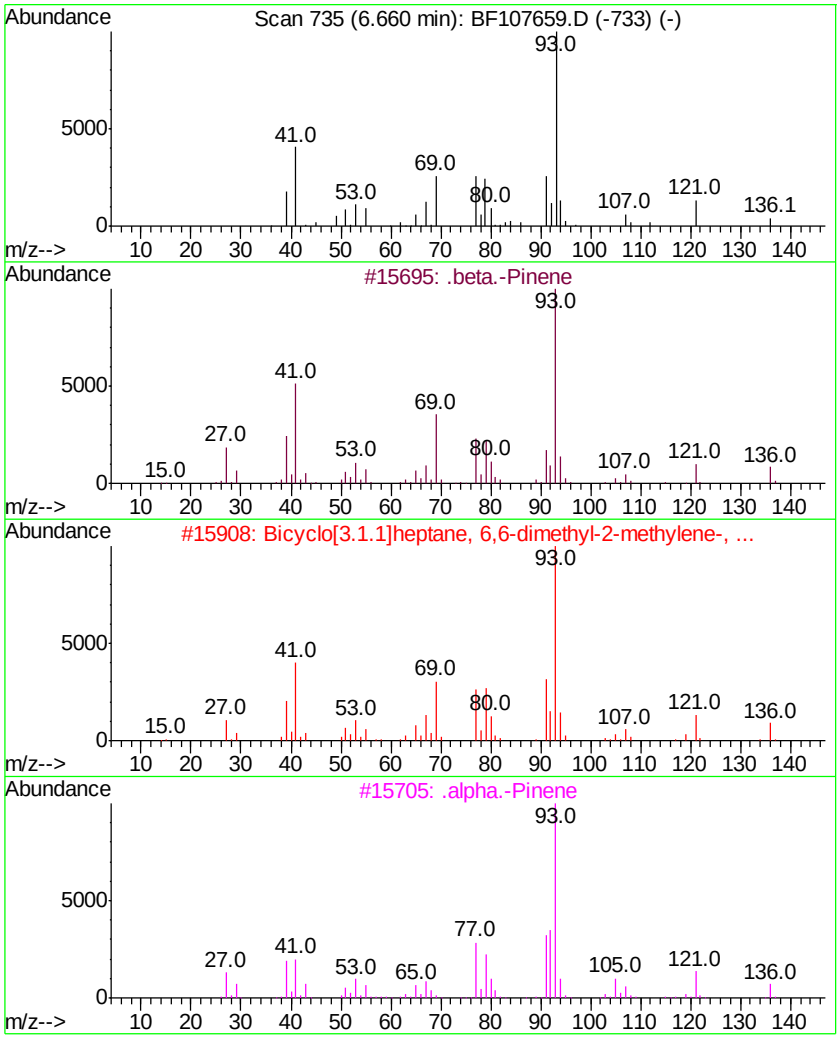
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

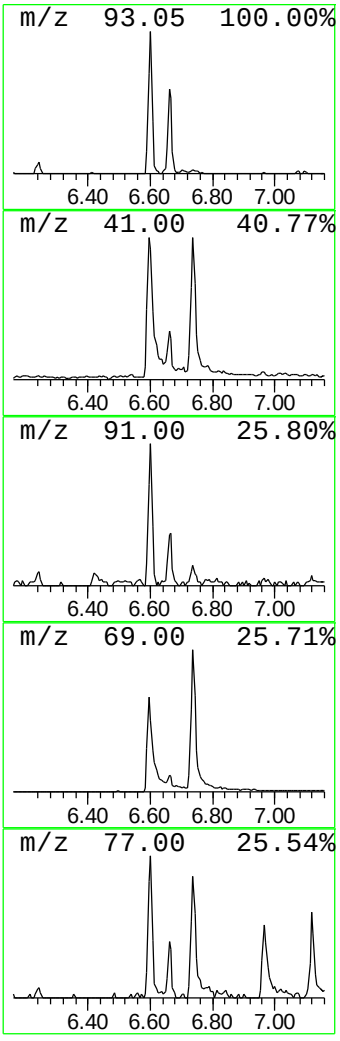
****

Peak Number 2 .beta.-Pinene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	4.22 ng	273071	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	91
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	87
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	87
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	87





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Data File : BF107659.D
Acq On : 25 Jul 2018 16:13
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Sample : J4126-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

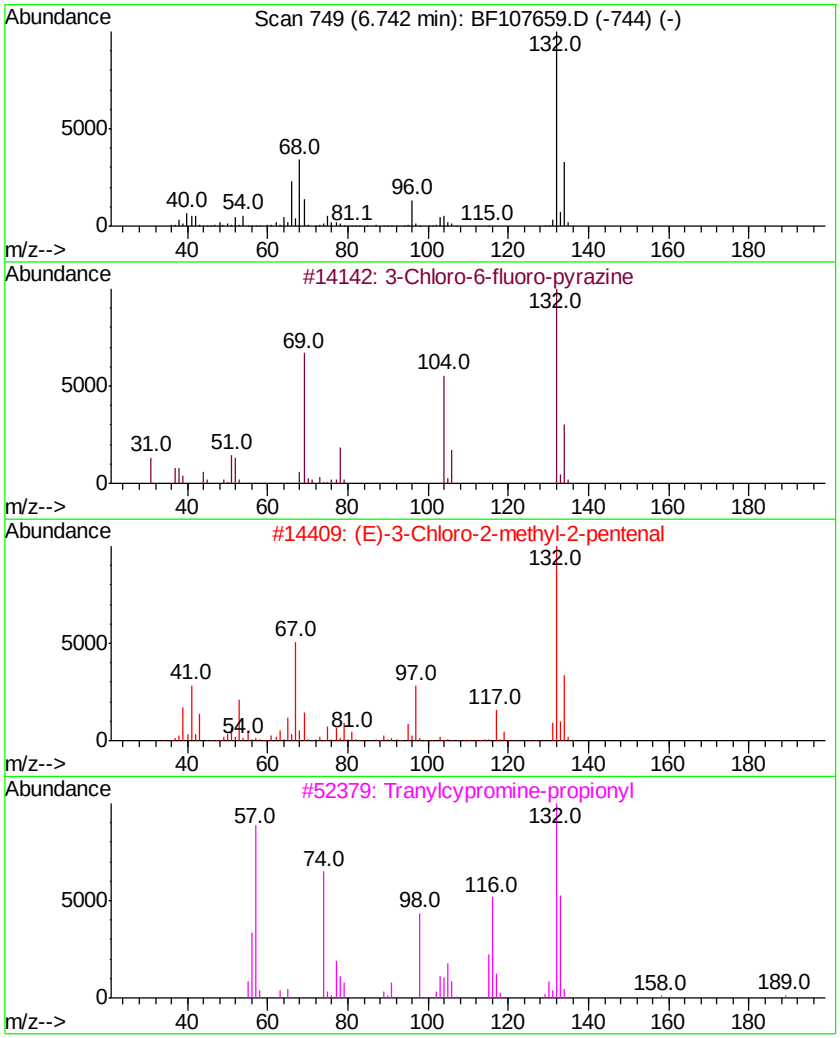
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

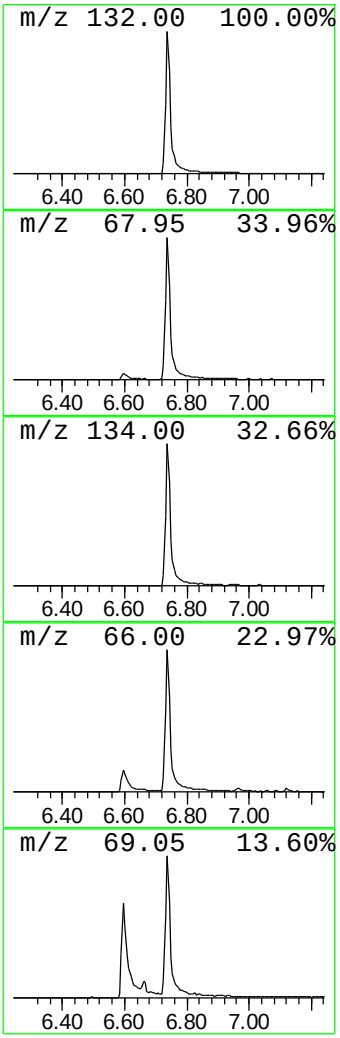
****

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	33.03 ng	2138510	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : J4126-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

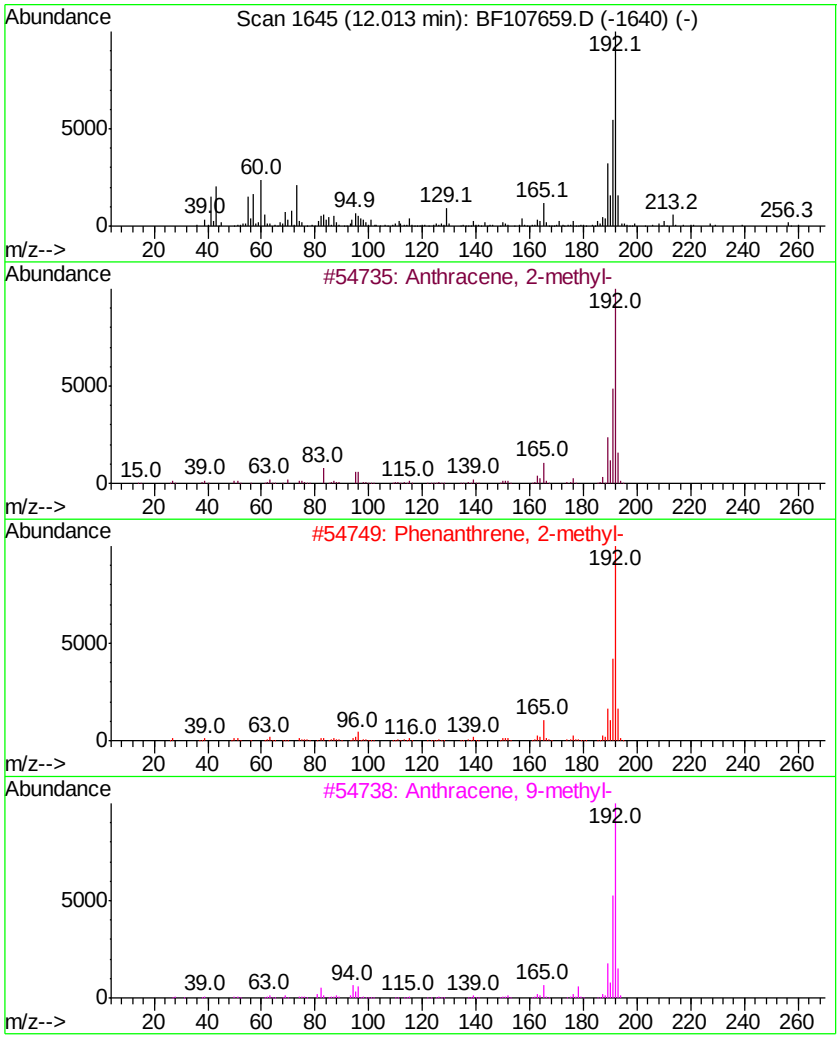
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

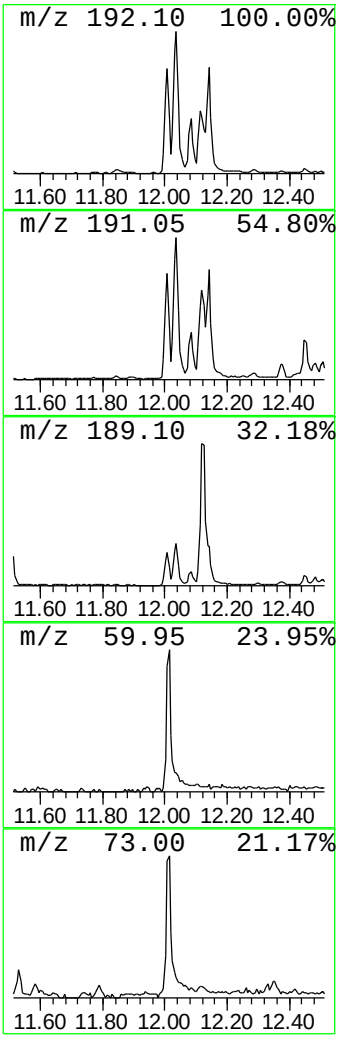
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	9.79 ng	613099	Phenanthrene-d10	11.51

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107659.D
Acq On : 25 Jul 2018 16:13
Operator : JU/SJ
Sample : J4126-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

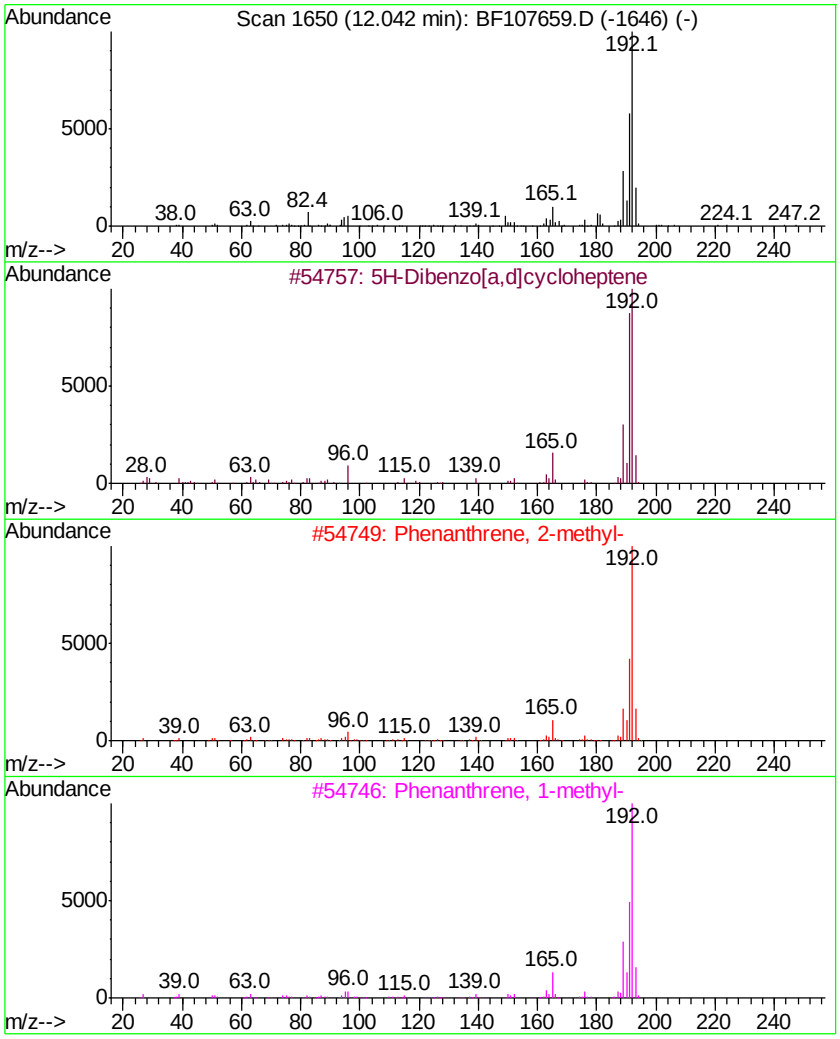
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

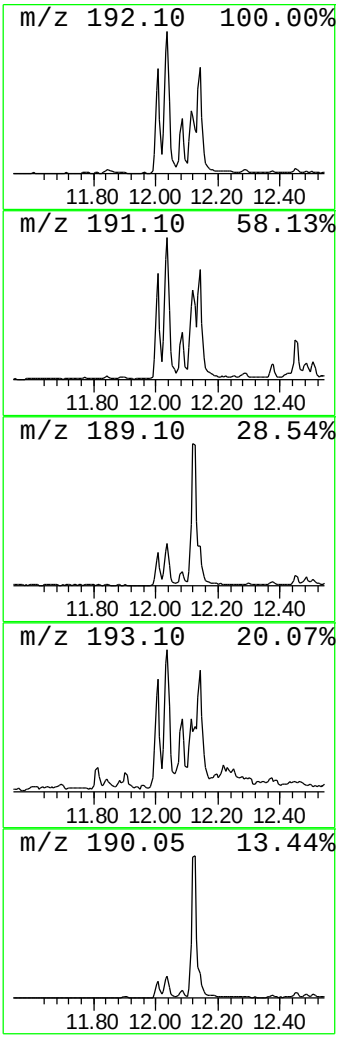
****

Peak Number 6 5H-Dibenzo[a,d]cycloheptene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	11.30 ng	707752	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : J4126-01 2X
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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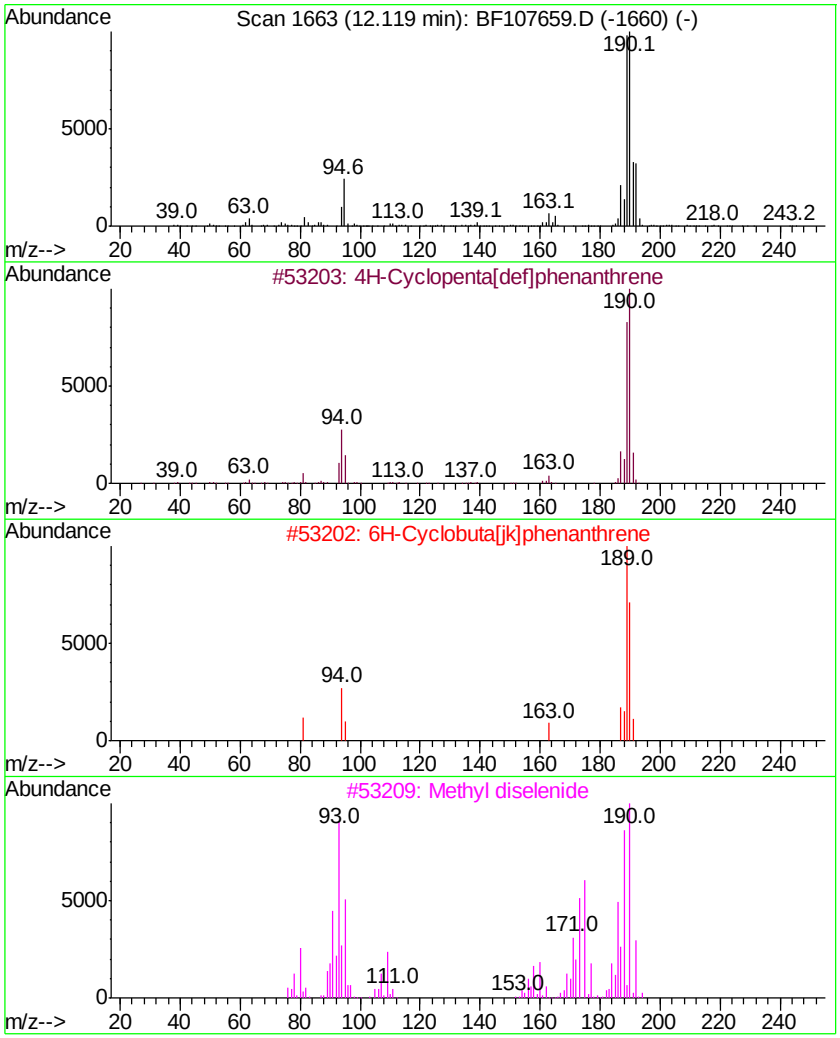
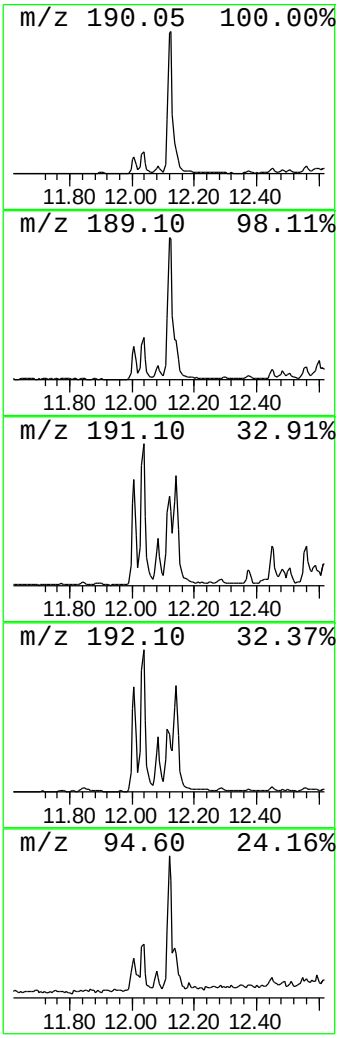
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	14.68 ng	919846	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	46
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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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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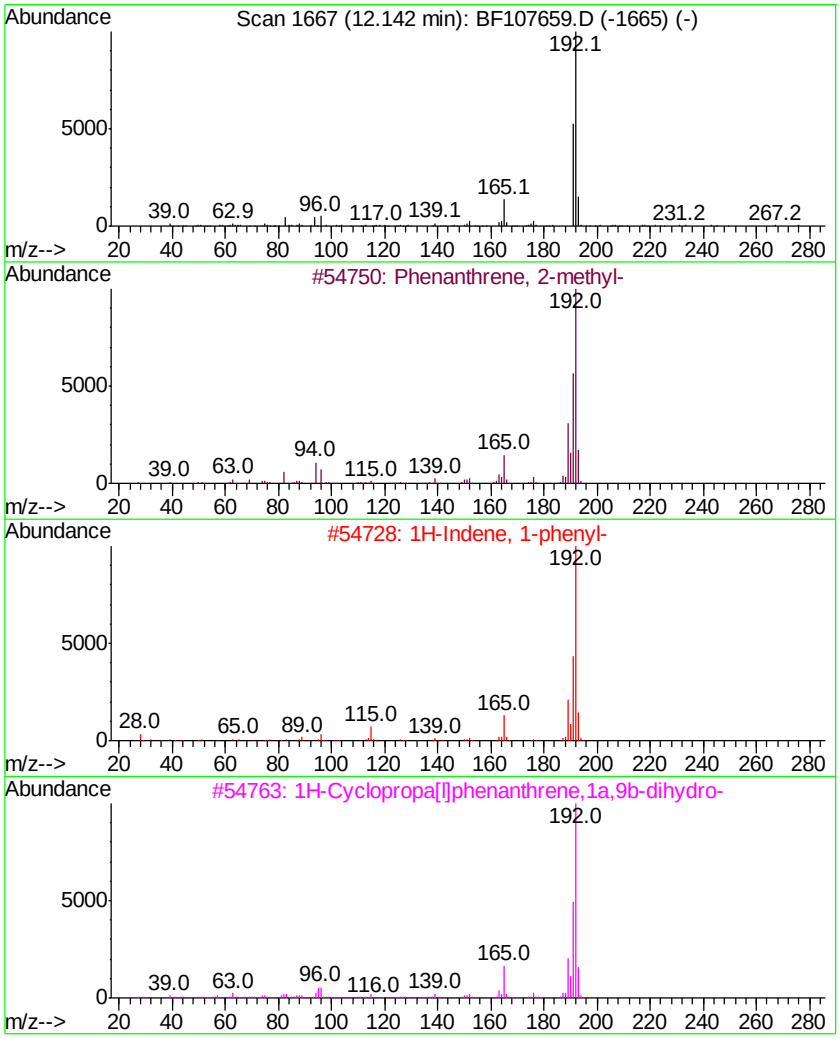
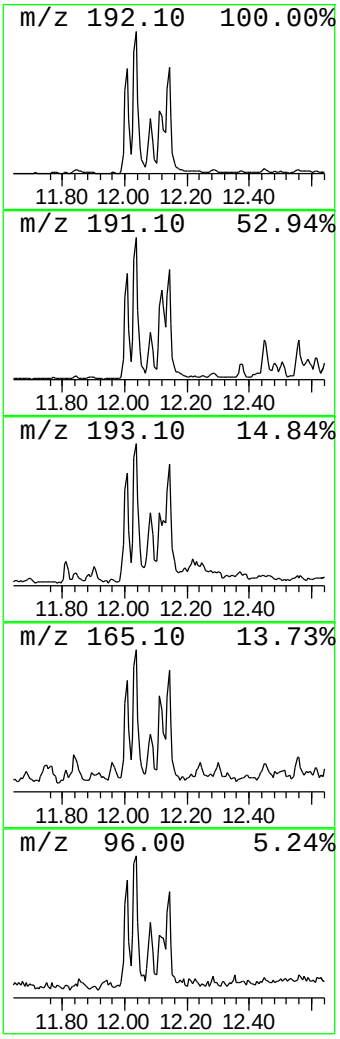
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	6.88 ng	431244	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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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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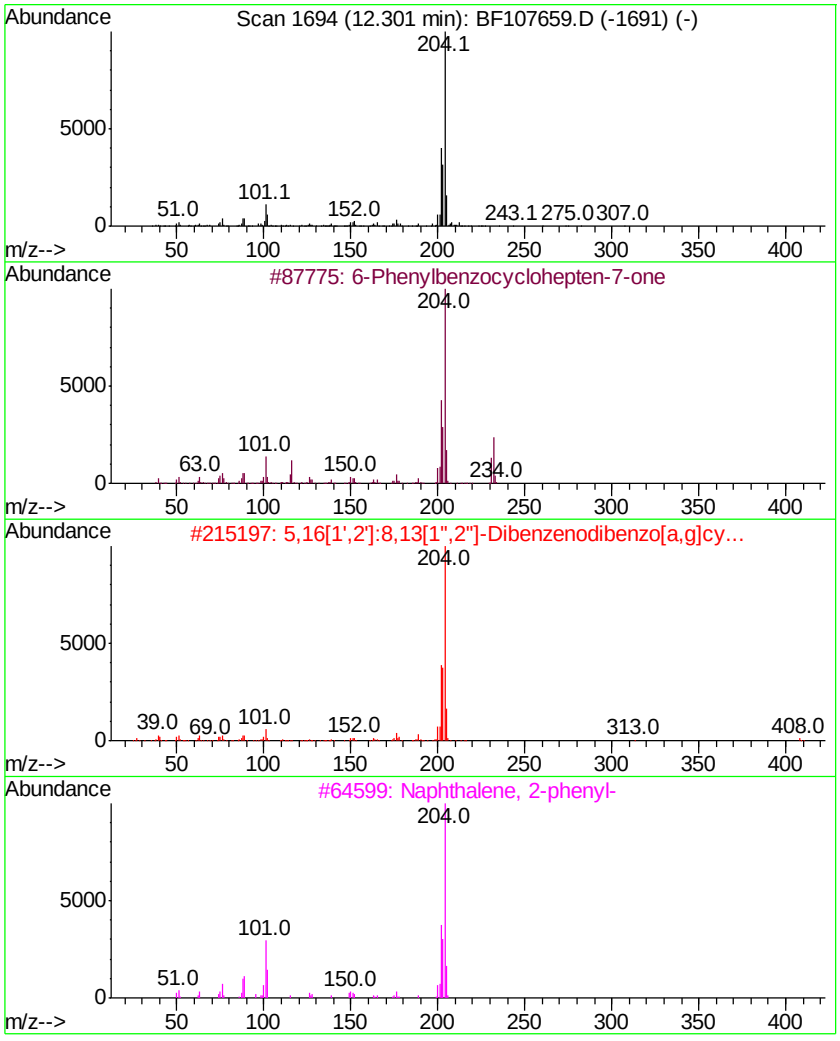
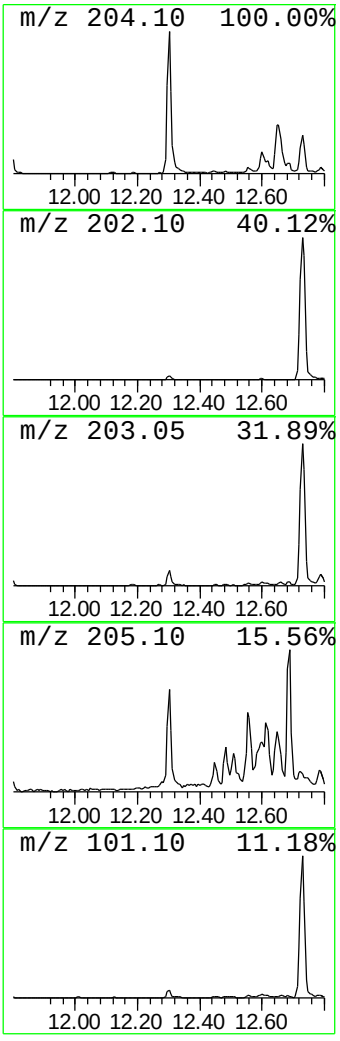
Peak Number 9 6-Phenylbenzocyclohepten-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	6.03 ng	377991	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64





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ALS Vial : 12 Sample Multiplier: 1

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

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

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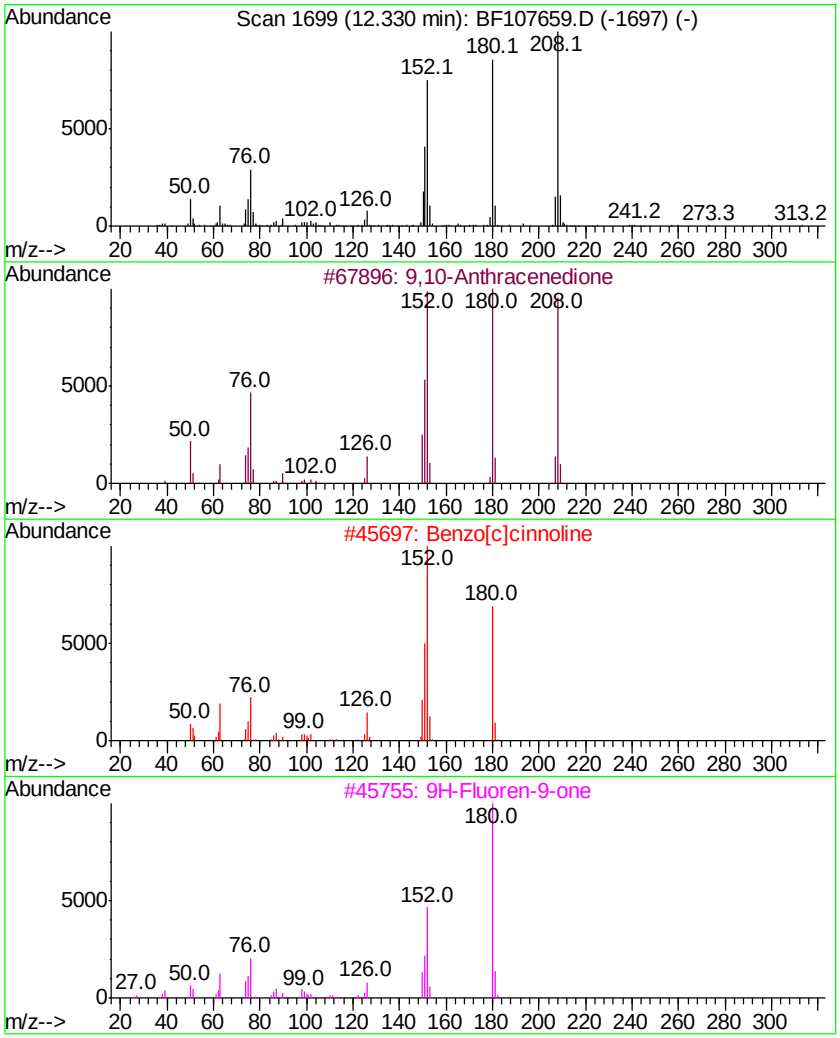
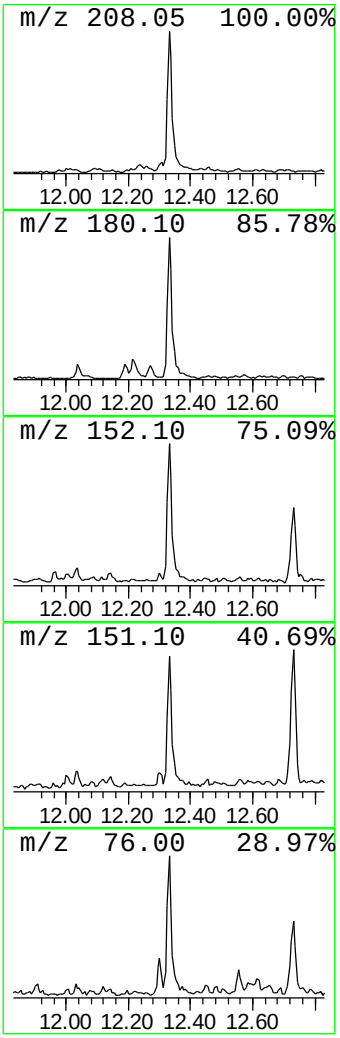
Peak Number 10 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	6.09 ng	381344	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58





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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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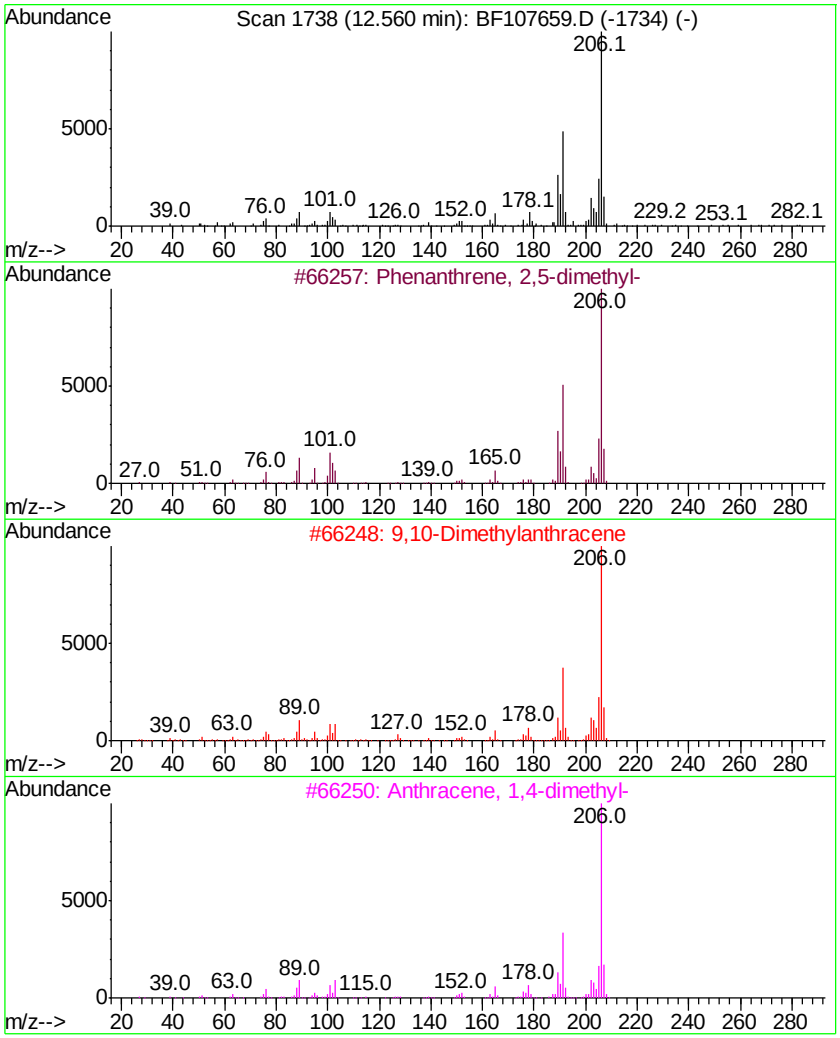
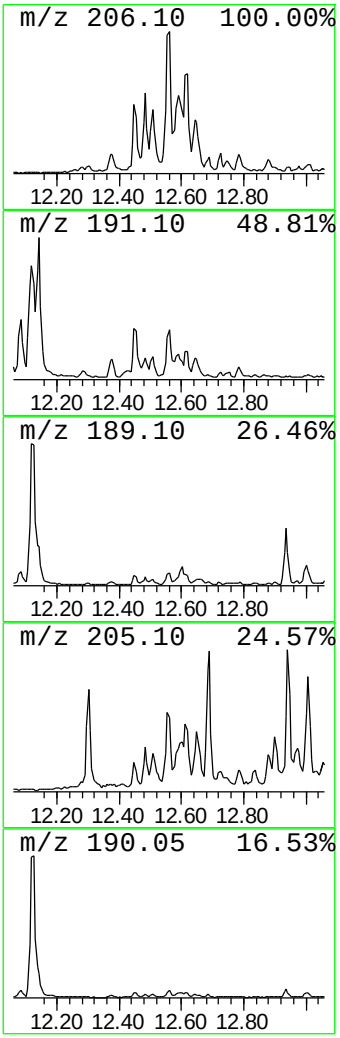
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.71 ng	294765	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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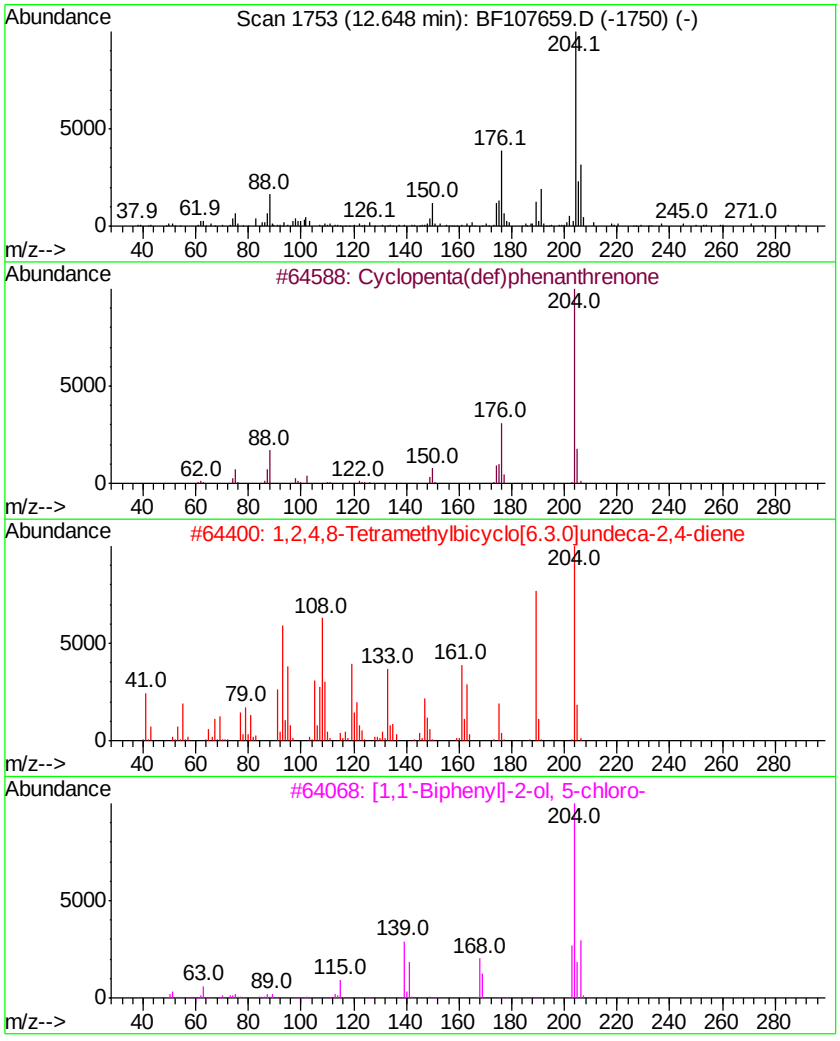
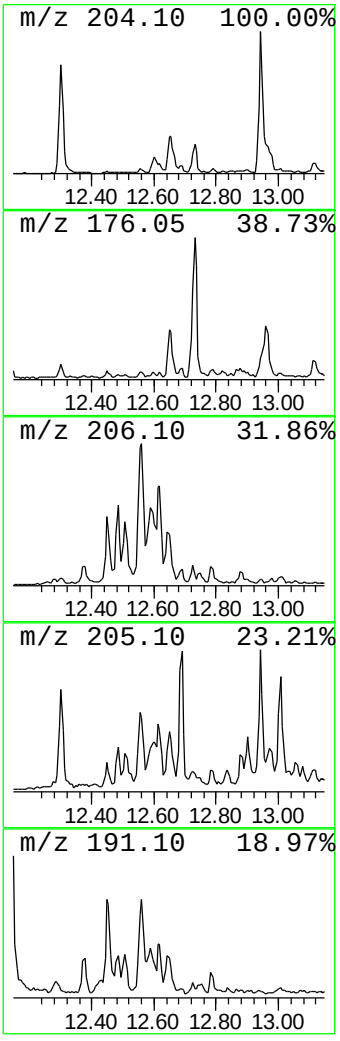
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	3.63 ng	227542	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38





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Sample : J4126-01 2X
Misc :
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Instrument :
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ClientSampleId :
2018-NYSEG-CLARK-AREA-13

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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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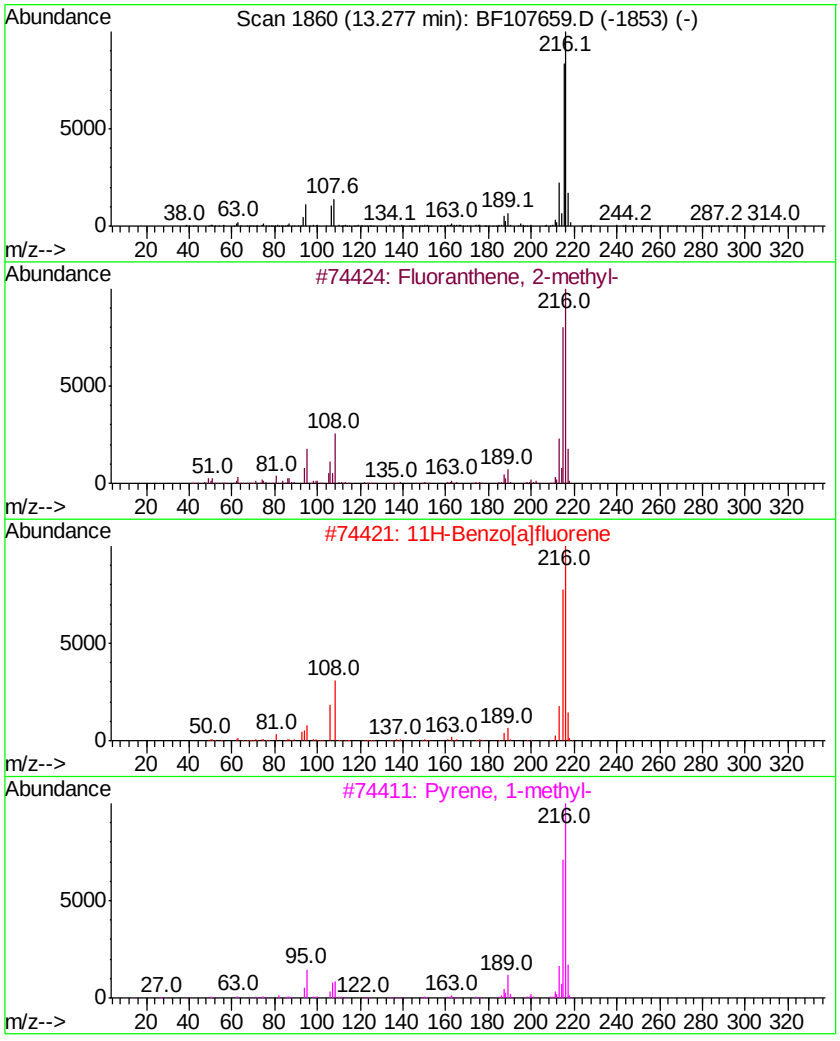
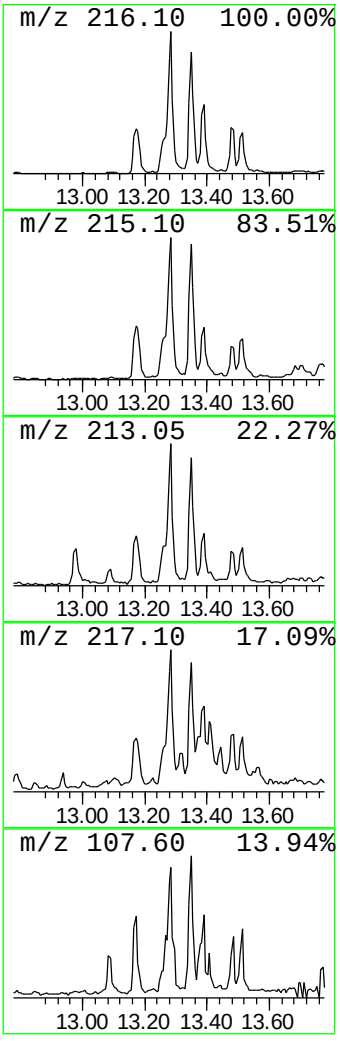
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	5.23 ng	1074220	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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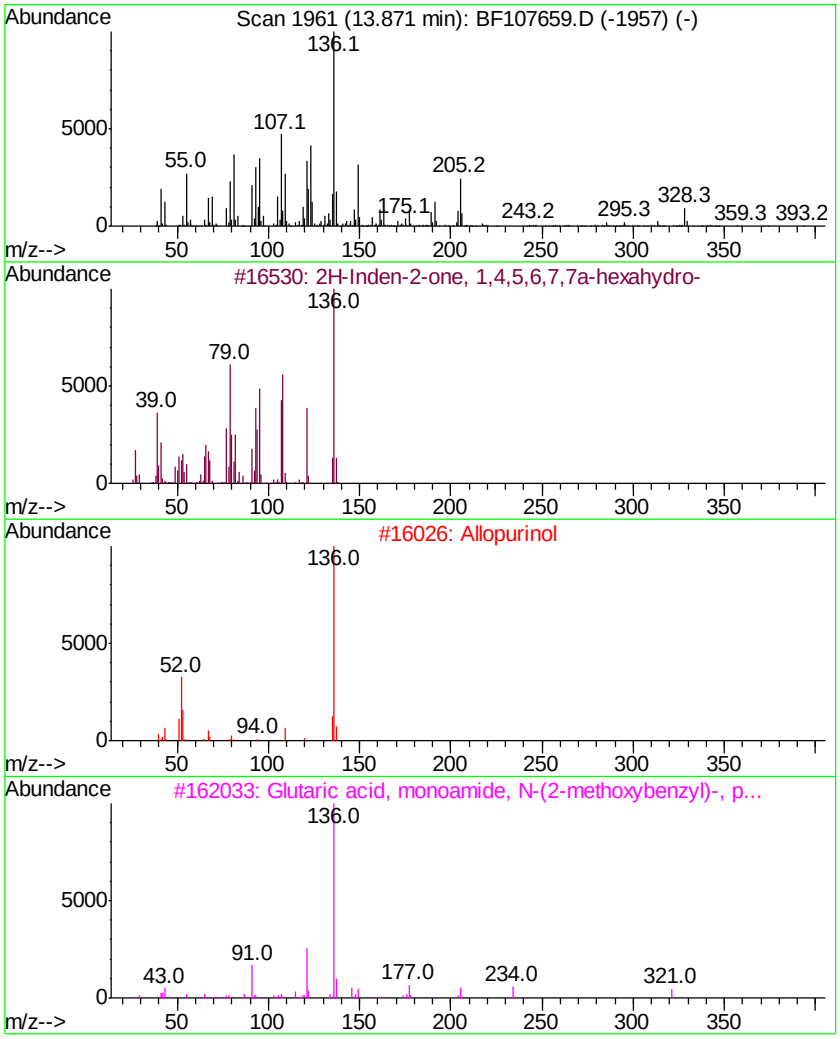
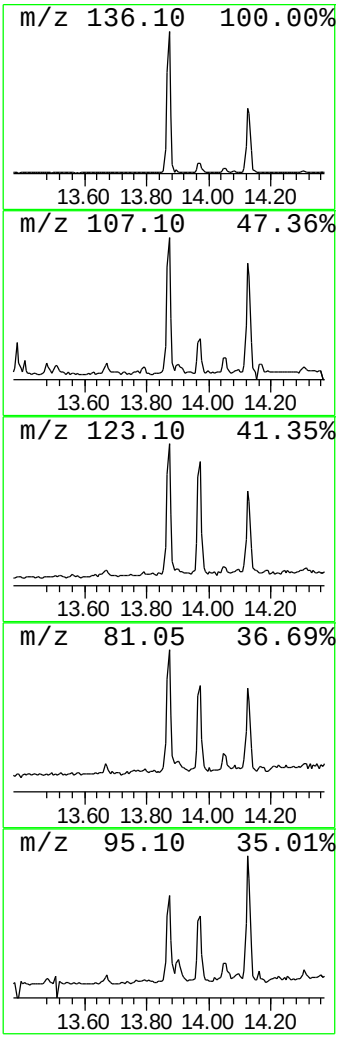
Peak Number 14 2H-Inden-2-one, 1,4,5,6,7,7... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.85 ng	1407090	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	136	C9H12O	039163-29-6	45
2	Allopurinol	136	C5H4N4O	000315-30-0	22
3	Glutaric acid, monoamide, N-(2-m...	321	C18H27NO4	1000360-02-7	22
4	3H-Cyclopenta[c]pyridazin-3-one,...	136	C7H8N2O	1000338-22-1	22
5	4,5-Dimethyl-ortho-phenylenediamine	136	C8H12N2	003171-45-7	18





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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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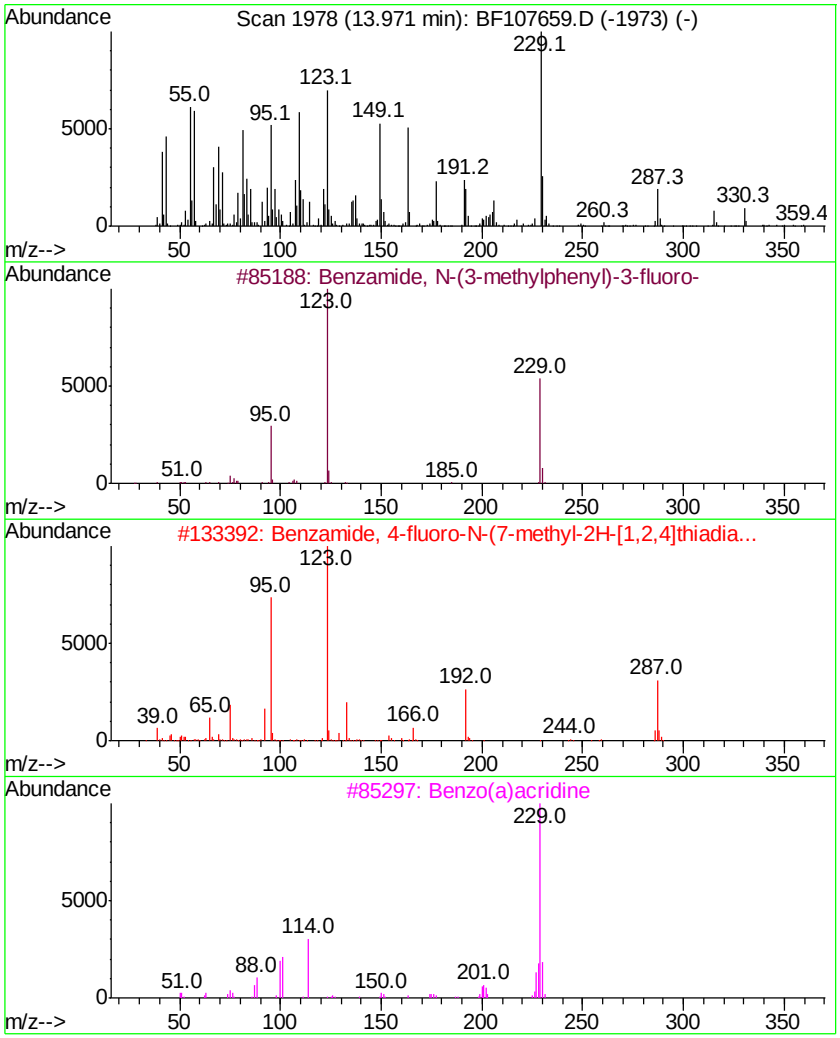
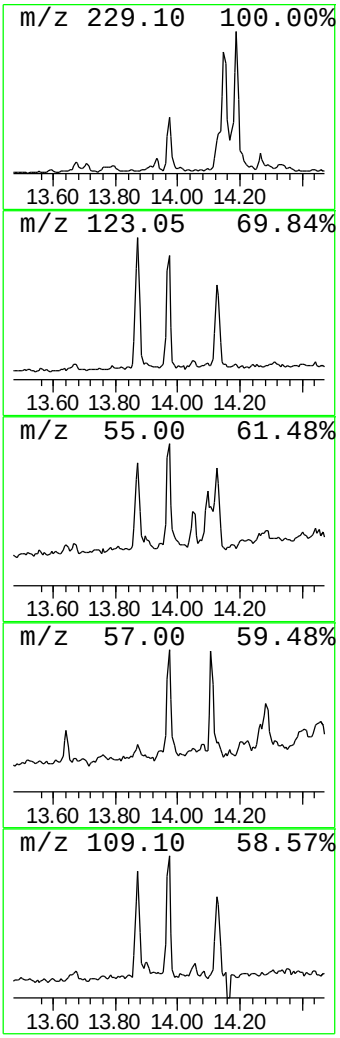
Peak Number 15 unknown13.97 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	7.31 ng	1501130	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(3-methylphenyl)-3-...	229	C14H12FNO	1000307-16-4	38
2	Benzamide, 4-fluoro-N-(7-methyl-...	287	C14H10FN3OS	1000350-88-7	18
3	Benzo(a)acridine	229	C17H11N	000225-11-6	18
4	(4-Fluorophenyl)(8-methyl-2-thio...	287	C14H10FN3OS	1000302-92-8	18
5	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	18





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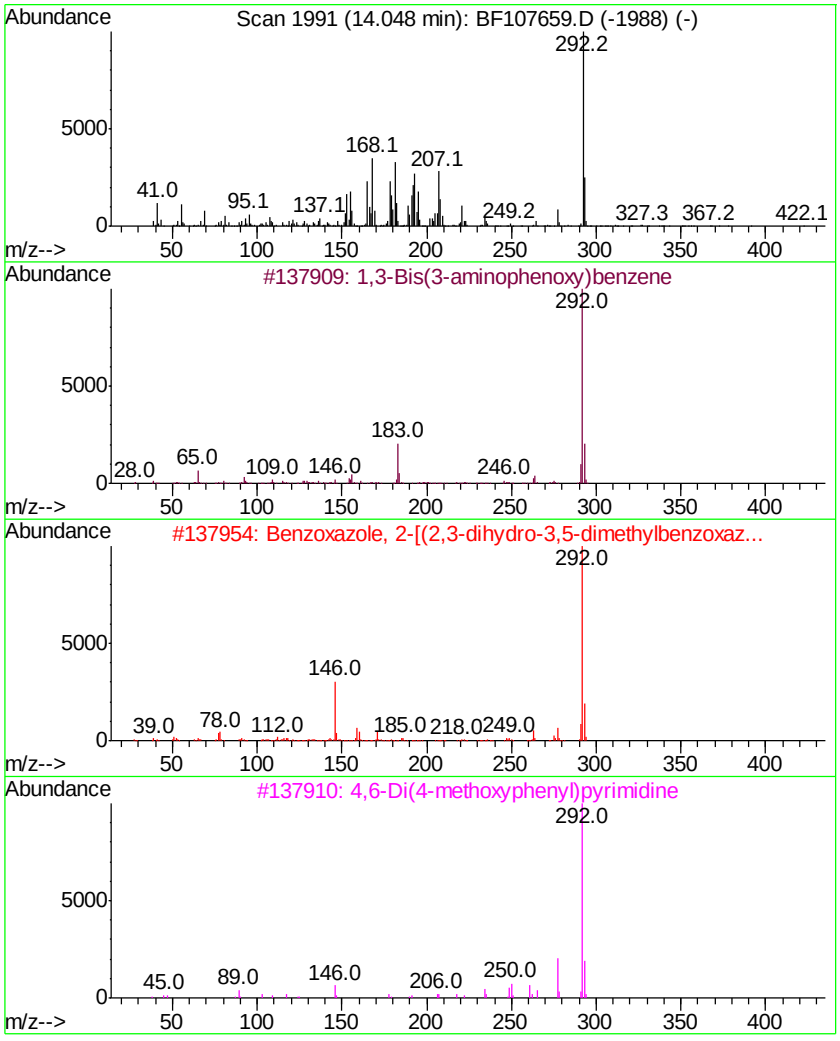
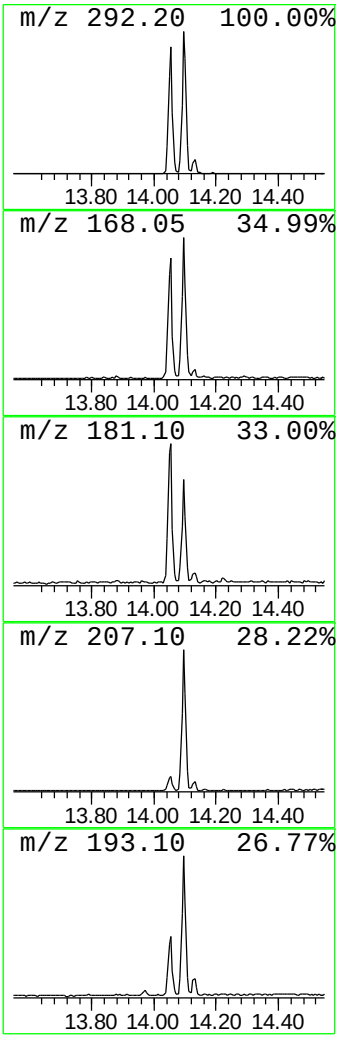
Peak Number 16 unknown14.05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	6.01 ng	1233090	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Bis(3-aminophenoxy)benzene	292	C18H16N2O2	010526-07-5	41
2	Benzoxazole, 2-[(2,3-dihydro-3,5...	292	C18H16N2O2	024261-18-5	38
3	4,6-Di(4-methoxyphenyl)pyrimidine	292	C18H16N2O2	183670-49-7	35
4	1,1'-Biphenyl, 4,4-bis(1-pyrroli...	292	C20H24N2	1000193-54-6	35
5	Dibenzimidazole[1,2-c:1,2-f]5-th...	292	C15H8N4OS	1000211-46-2	35





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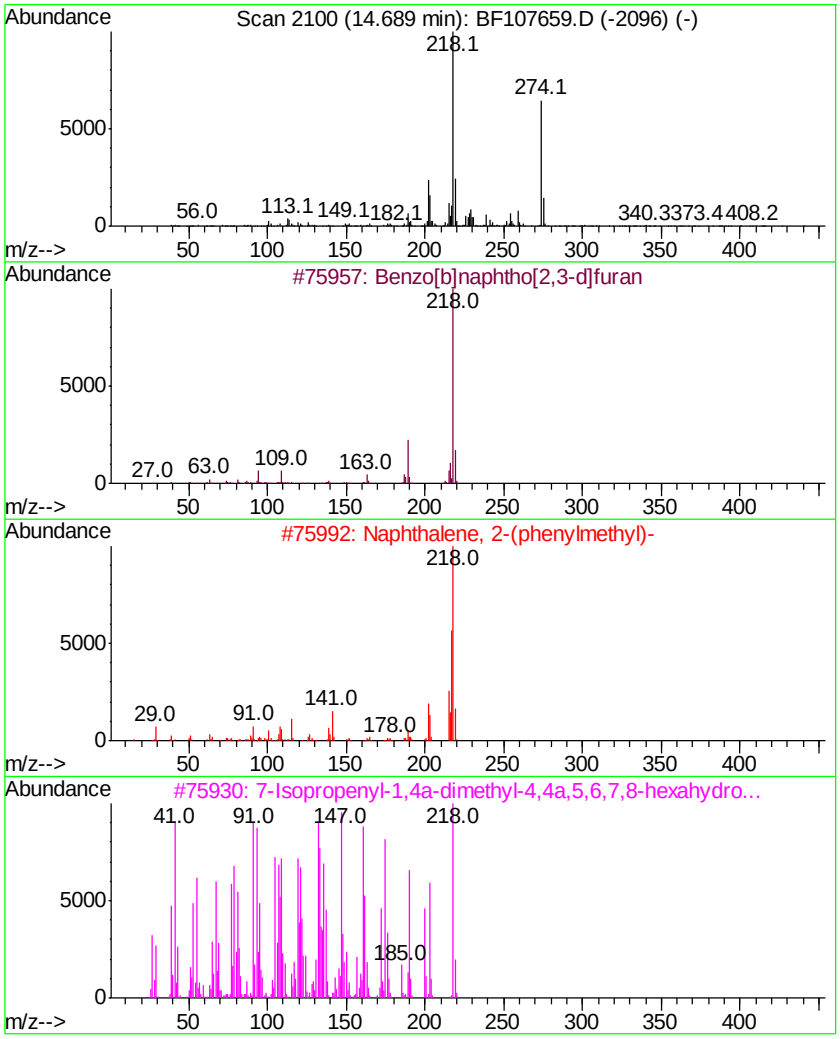
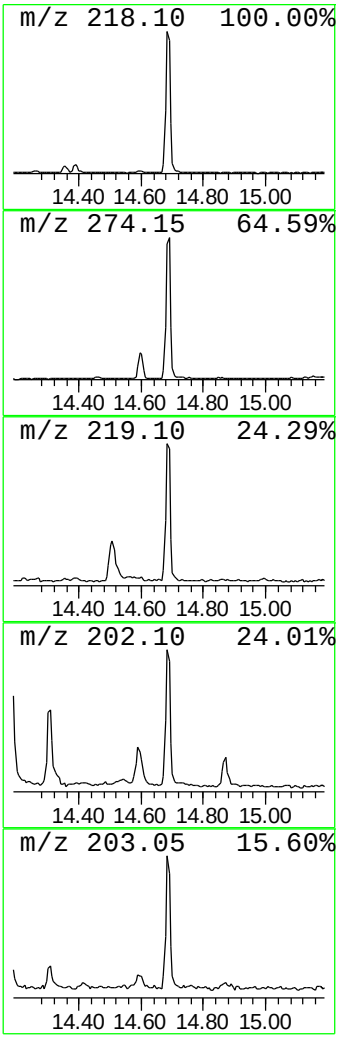
Peak Number 17 unknown14.69 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	5.94 ng	1220460	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	43
2	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	43
3	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	42
4	Pyridazine-3,6(1H,2H)-dione, 1-(...	218	C11H10N2O3	060399-10-2	38
5	1,4-Naphthoquinone, 6-ethyl-2,5-...	218	C12H10O4	013378-87-5	35





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Acq On : 25 Jul 2018 16:13
Operator : JU/SJ
Sample : J4126-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-13

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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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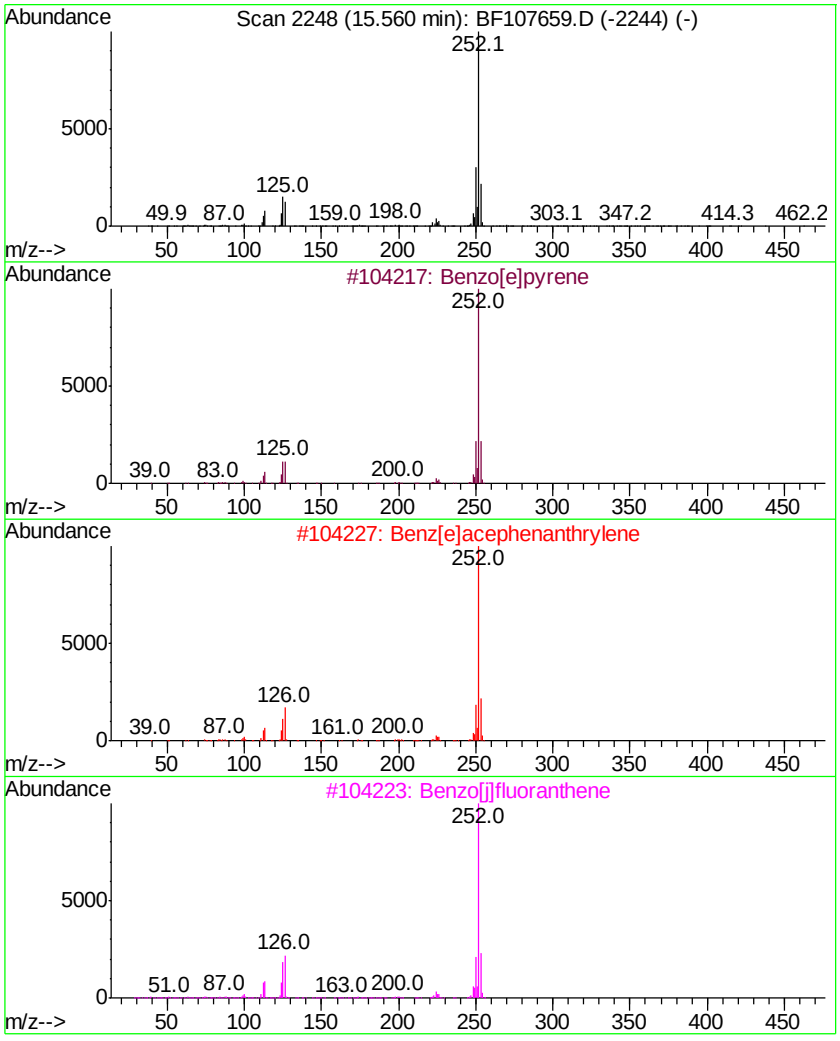
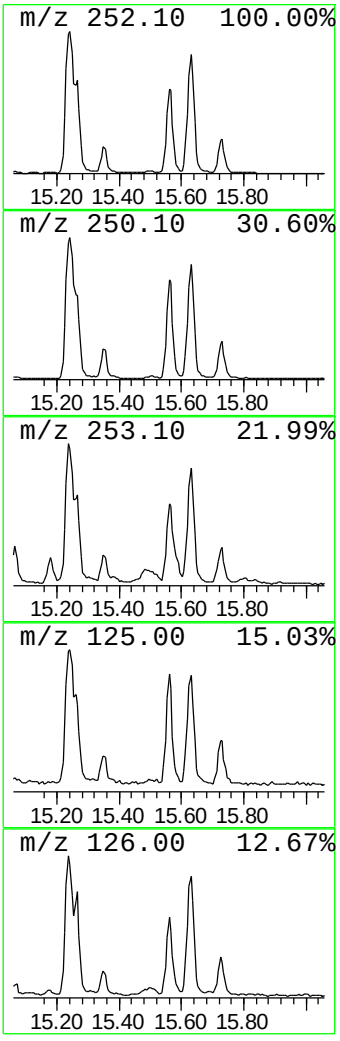
Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	28.35 ng	1397710	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Data File : BF107659.D
Acq On : 25 Jul 2018 16:13
Operator : JU/SJ
Sample : J4126-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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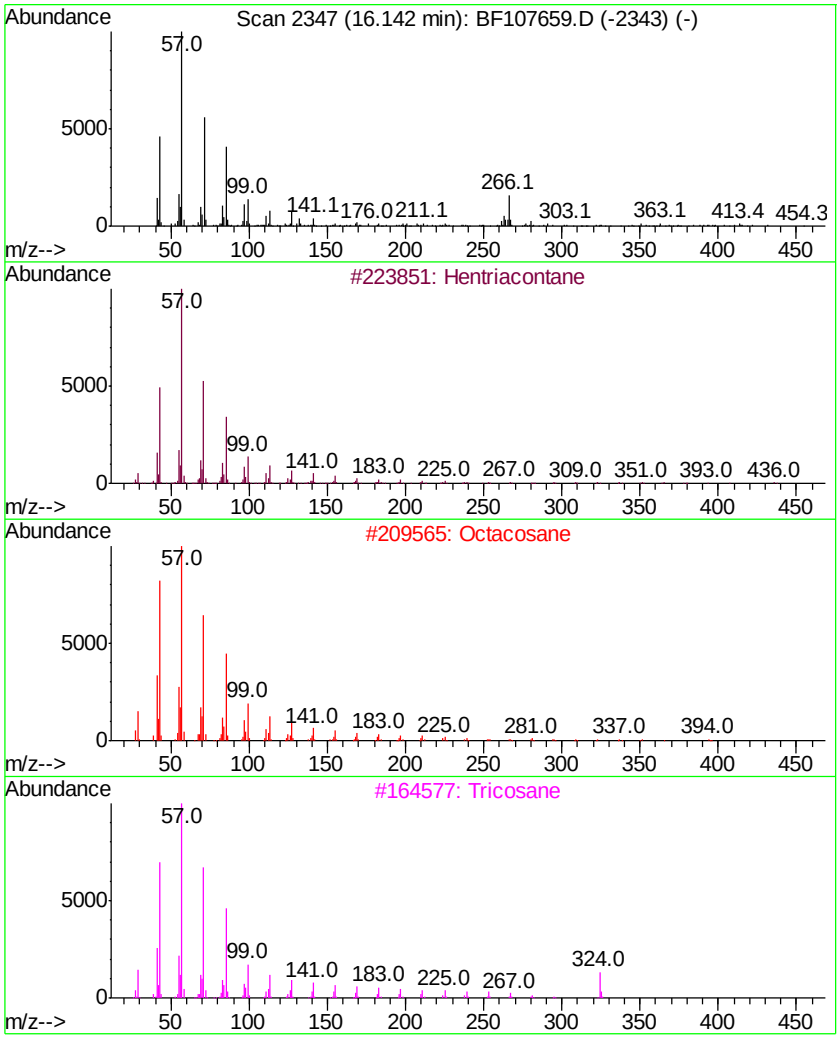
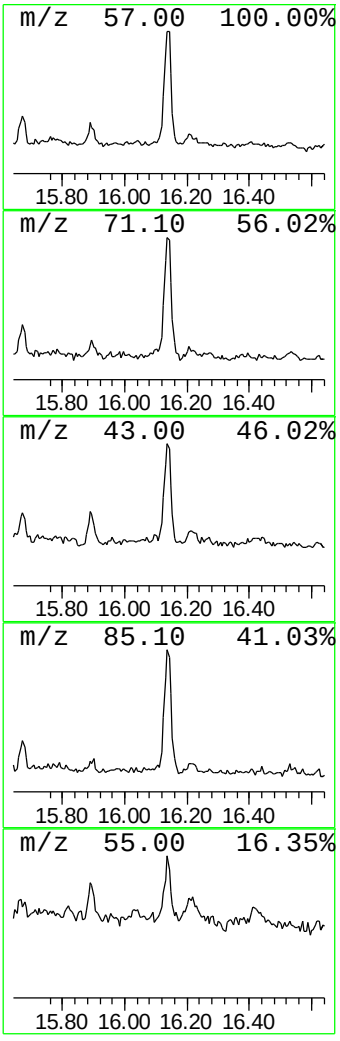
Peak Number 20 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	9.24 ng	455446	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	94
2	Octacosane	394	C28H58	000630-02-4	90
3	Tricosane	324	C23H48	000638-67-5	87
4	Triacontane	422	C30H62	000638-68-6	86
5	Hexacosane	366	C26H54	000630-01-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
Data File : BF107659.D
Acq On : 25 Jul 2018 16:13
Operator : JU/SJ
Sample : J4126-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	4.5	ng	290615	1	6.97	1294760	20.0
.beta.-Pinene	6.66	4.2	ng	273071	1	6.97	1294760	20.0
unknown6.74	6.74	33.0	ng	2138510	1	6.97	1294760	20.0
Anthracene, 2-met...	12.01	9.8	ng	613099	4	11.51	1252950	20.0
5H-Dibenzo[a,d]cy...	12.04	11.3	ng	707752	4	11.51	1252950	20.0
4H-Cyclopenta[def...	12.12	14.7	ng	919846	4	11.51	1252950	20.0
Phenanthrene, 2-m...	12.14	6.9	ng	431244	4	11.51	1252950	20.0
6-Phenylbenzocycl...	12.30	6.0	ng	377991	4	11.51	1252950	20.0
9,10-Anthracenedione	12.33	6.1	ng	381344	4	11.51	1252950	20.0
Phenanthrene, 2,5...	12.56	4.7	ng	294765	4	11.51	1252950	20.0
Cyclopenta(def)ph...	12.65	3.6	ng	227542	4	11.51	1252950	20.0
Fluoranthene, 2-m...	13.28	5.2	ng	1074220	5	14.16	4106580	20.0
2H-Inden-2-one, 1...	13.87	6.8	ng	1407090	5	14.16	4106580	20.0
unknown13.97	13.97	7.3	ng	1501130	5	14.16	4106580	20.0
unknown14.05	14.05	6.0	ng	1233090	5	14.16	4106580	20.0
unknown14.69	14.69	5.9	ng	1220460	5	14.16	4106580	20.0
Benzo[e]pyrene	15.56	28.4	ng	1397710	6	15.69	986114	20.0
Hentriacontane	16.14	9.2	ng	455446	6	15.69	986114	20.0