LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098489.D
Acq On : 13 Sep 2017 14:51
Operator : SJ/JU
Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.828	462	466	478	rBV	268734	380503	11.18%	0.616%
2	5.257	535	539	555	rBV	3227798	3210111	94.28%	5.199%
3	6.298	712	716	733	rBV	3049044	3260223	95.75%	5.280%
4	6.422	733	737	741	rVV	3517955	3193426	93.79%	5.172%
5	6.651	772	776	783	rBV	1355058	1141506	33.53%	1.849%
6	6.810	799	803	806	rBV	2650081	2389175	70.17%	3.869%
7	7.222	869	873	876	rBV	2233749	1907782	56.03%	3.090%
8	7.934	989	994	998	rBV	1711731	1603502	47.09%	2.597%
9	8.745	1128	1132	1138	rVB	187161	172273	5.06%	0.279%
10	9.010	1172	1177	1181	rBV	3738241	3404911	100.00%	5.514%
11	9.098	1187	1192	1196	rBV2	100397	126217	3.71%	0.204%
12	9.275	1218	1222	1226	rBV	221679	302121	8.87%	0.489%
13	9.345	1230	1234	1237	rVV	433694	437870	12.86%	0.709%
14	9.375	1237	1239	1241	rVV	290797	242907	7.13%	0.393%
15	9.410	1242	1245	1248	rVV	691814	582955	17.12%	0.944%
16	9.463	1251	1254	1259	rVB	204243	238220	7.00%	0.386%
17	9.545	1265	1268	1273	rVB	440646	357231	10.49%	0.579%
18	9.686	1285	1292	1295	rBV	1767993	1612804	47.37%	2.612%
19	9.792	1307	1310	1314	rBV	134070	160272	4.71%	0.260%
20	9.886	1320	1326	1330	rVV3	242672	273050	8.02%	0.442%
21	9.928	1330	1333	1337	rVV	287824	224786	6.60%	0.364%
22	10.004	1342	1346	1348	rBV2	257461	275061	8.08%	0.445%
23	10.034	1348	1351	1353	rVV	150556	130172	3.82%	0.211%
24	10.092	1356	1361	1363	rBV2	169852	247506	7.27%	0.401%
25	10.110	1363	1364	1367	rVV2	130058	116903	3.43%	0.189%
26	10.186	1371	1377	1378	rBV3	116337	166397	4.89%	0.269%
27	10.228	1381	1384	1391	rVB3	293181	366014	10.75%	0.593%
28	10.298	1391	1396	1397	rBV2	104244	125729	3.69%	0.204%
29	10.339	1401	1403	1408	rVB2	121739	111151	3.26%	0.180%
30	10.386	1408	1411	1415	rBV3	112851	161426	4.74%	0.261%
31	10.475	1420	1426	1430	rVV	1854654	1714246	50.35%	2.776%
32	10.598	1443	1447	1453	rVB2	219855	271438	7.97%	0.440%
33	10.775	1473	1477	1480	rBV2	249052	343045	10.08%	0.556%
34	10.804	1480	1482	1485	rVV	244140	210225	6.17%	0.340%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098489.D
Acq On : 13 Sep 2017 14:51
Operator : SJ/JU
Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.863	1488	1492	1494	rVV2	168147	177676	5.22%	0.288%
36	10.910	1497	1500	1501	rVV	104648	119456	3.51%	0.193%
37	10.928	1501	1503	1505	rVV2	131399	123217	3.62%	0.200%
38	10.975	1509	1511	1515	rVV3	122154	137950	4.05%	0.223%
39	11.016	1515	1518	1521	rVV2	96976	132235	3.88%	0.214%
40	11.063	1524	1526	1532	rVB2	213631	220306	6.47%	0.357%
41	11.169	1540	1544	1546	rBV	1440139	1438753	42.26%	2.330%
42	11.192	1546	1548	1551	rVV	1460875	1126165	33.07%	1.824%
43	11.239	1554	1556	1559	rVV	367024	311165	9.14%	0.504%
44	11.280	1559	1563	1565	rVV2	168845	212378	6.24%	0.344%
45	11.498	1596	1600	1605	rVB2	282906	315711	9.27%	0.511%
46	11.580	1610	1614	1618	rVB	188719	229862	6.75%	0.372%
47	11.669	1625	1629	1631	rBV	853376	762264	22.39%	1.235%
48	11.698	1631	1634	1637	rVB	981181	894627	26.27%	1.449%
49	11.745	1638	1642	1644	rBV	322004	322058	9.46%	0.522%
50	11.775	1644	1647	1650	rVV	1035080	1101907	32.36%	1.785%
51	11.798	1650	1651	1657	rVB	721354	587425	17.25%	0.951%
52	11.898	1666	1668	1671	rVB	176410	139064	4.08%	0.225%
53	11.963	1672	1679	1681	rBV3	350803	439658	12.91%	0.712%
54	11.992	1682	1684	1689	rVB2	213321	211587	6.21%	0.343%
55	12.092	1698	1701	1702	rBV	151409	120120	3.53%	0.195%
56	12.110	1702	1704	1707	rVV	186327	143280	4.21%	0.232%
57	12.139	1707	1709	1712	rVV	279568	249331	7.32%	0.404%
58	12.169	1712	1714	1716	rVB	218341	175360	5.15%	0.284%
59	12.216	1716	1722	1725	rBV	977013	1040217	30.55%	1.685%
60	12.251	1725	1728	1730	rVV2	506204	599577	17.61%	0.971%
61	12.275	1730	1732	1734	rVB	292760	222713	6.54%	0.361%
62	12.304	1734	1737	1741	rBV3	397698	546746	16.06%	0.885%
63	12.375	1745	1749	1753	rBV	1481661	1418495	41.66%	2.297%
64	12.422	1754	1757	1759	rBV	180743	175755	5.16%	0.285%
65	12.439	1759	1760	1763	rVB3	174895	119061	3.50%	0.193%
66	12.475	1763	1766	1768	rVB2	137326	131011	3.85%	0.212%
67	12.527	1772	1775	1778	rBV3	103765	126635	3.72%	0.205%
68	12.604	1783	1788	1791	rBV	2185620	2088673	61.34%	3.383%
69	12.627	1791	1792	1795	rVB	224943	125052	3.67%	0.203%
70	12.663	1795	1798	1801	rVB2	274110	276146	8.11%	0.447%
71	12.751	1809	1813	1819	rVB	2677807	2644135	77.66%	4.282%

LSC Area Percent Report

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Data File : BF098489.D
Acq On : 13 Sep 2017 14:51
Operator : SJ/JU
Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.822	1822	1825	1832	rBV3	423398	680075	19.97%	1.101%
73	12.880	1832	1835	1837	rBV2	171283	175840	5.16%	0.285%
74	12.910	1837	1840	1842	rBV3	343513	456874	13.42%	0.740%
75	12.933	1842	1844	1847	rVB	548815	459998	13.51%	0.745%
76	12.980	1847	1852	1853	rBV4	164929	201322	5.91%	0.326%
77	12.998	1853	1855	1858	rVB	301251	220438	6.47%	0.357%
78	13.033	1858	1861	1865	rBV	590388	582889	17.12%	0.944%
79	13.127	1874	1877	1880	rBV	588998	472572	13.88%	0.765%
80	13.157	1880	1882	1885	rVB	578141	457958	13.45%	0.742%
81	13.245	1895	1897	1901	rVB2	116556	114986	3.38%	0.186%
82	13.416	1924	1926	1928	rBV2	111668	123631	3.63%	0.200%
83	13.445	1928	1931	1935	rVB	313347	343491	10.09%	0.556%
84	13.551	1944	1949	1951	rBV2	311300	463161	13.60%	0.750%
85	13.574	1951	1953	1955	rVV	224729	187828	5.52%	0.304%
86	13.598	1955	1957	1959	rVV	104047	108364	3.18%	0.176%
87	13.651	1963	1966	1969	rVV	391951	390041	11.46%	0.632%
88	13.798	1986	1991	1994	rBV2	1476942	2184429	64.16%	3.538%
89	13.827	1994	1996	2003	rVB	995359	901540	26.48%	1.460%
90	13.969	2015	2020	2023	rBV4	145968	257040	7.55%	0.416%
91	14.151	2048	2051	2053	rBV	155216	143384	4.21%	0.232%
92	14.186	2055	2057	2060	rVV	550199	479323	14.08%	0.776%
93	14.221	2060	2063	2065	rVB	296404	248452	7.30%	0.402%
94	14.280	2071	2073	2076	rVB2	214303	169718	4.98%	0.275%
95	14.310	2076	2078	2080	rBV	297684	247867	7.28%	0.401%
96	14.568	2119	2122	2123	rBV	143803	153792	4.52%	0.249%
97	14.810	2160	2163	2169	rVB	564776	827671	24.31%	1.340%
98	15.086	2207	2210	2215	rVB	435717	448321	13.17%	0.726%
99	15.145	2216	2220	2225	rBV	566801	687977	20.21%	1.114%
100	15.198	2226	2229	2233	rBV	693974	889733	26.13%	1.441%

Sum of corrected areas: 61745644

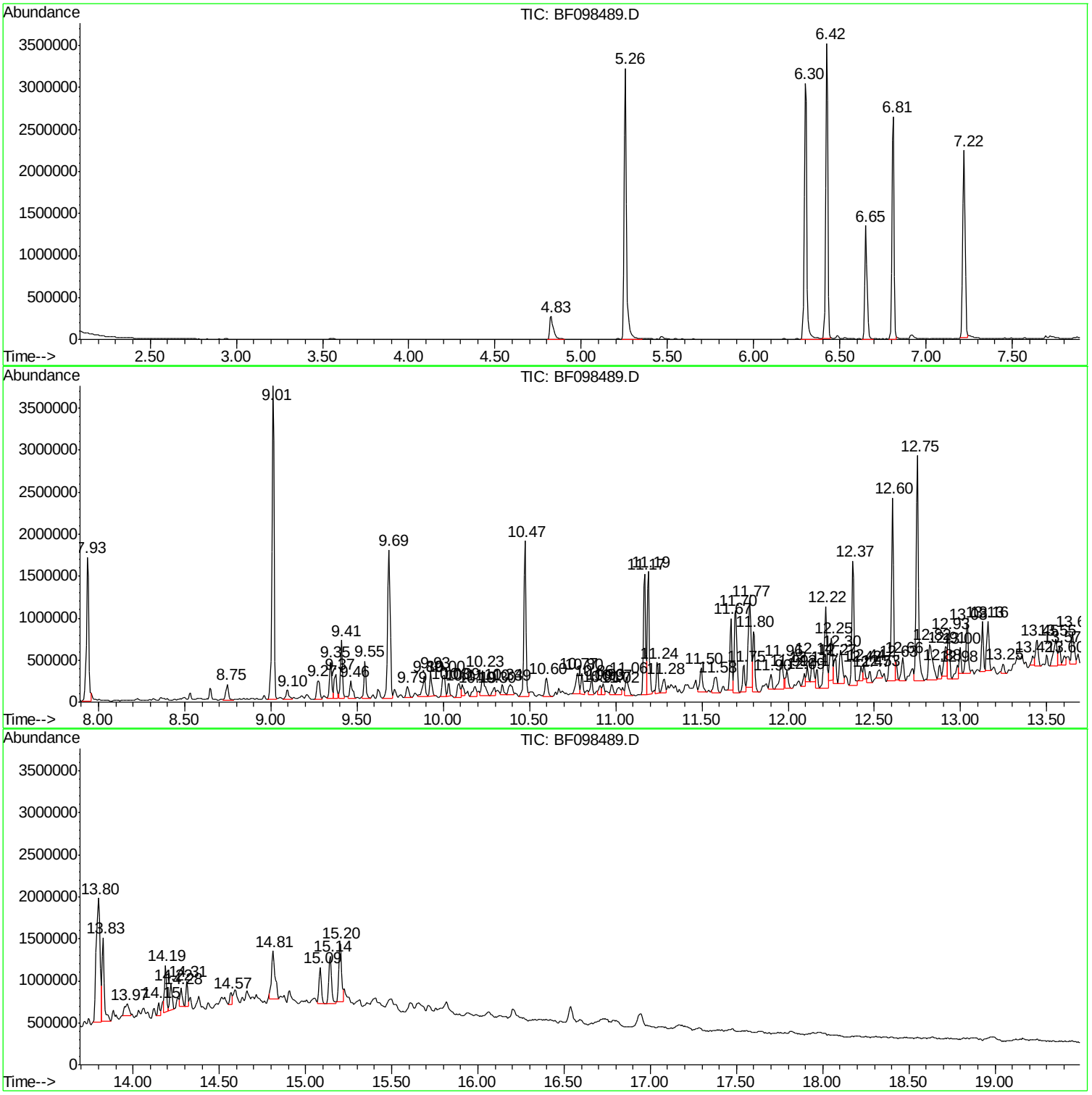
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098489.D
Acq On : 13 Sep 2017 14:51
Operator : SJ/JU
Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098489.D
Acq On : 13 Sep 2017 14:51
Operator : SJ/JU
Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

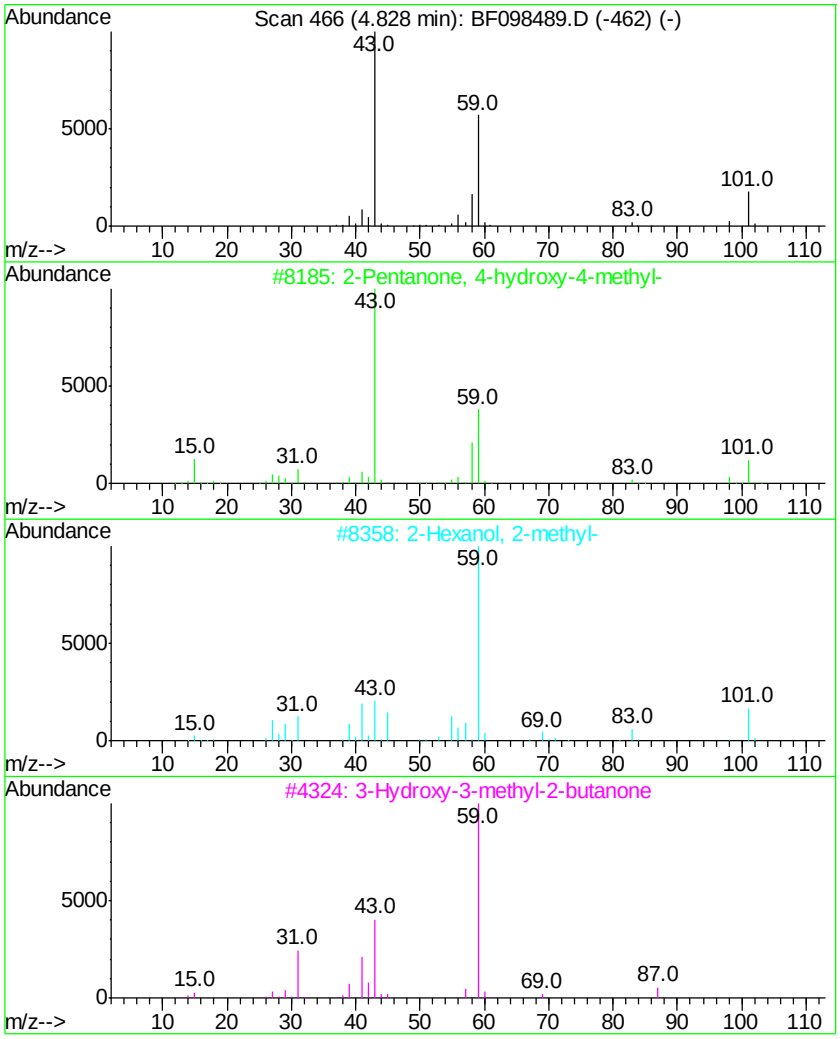
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

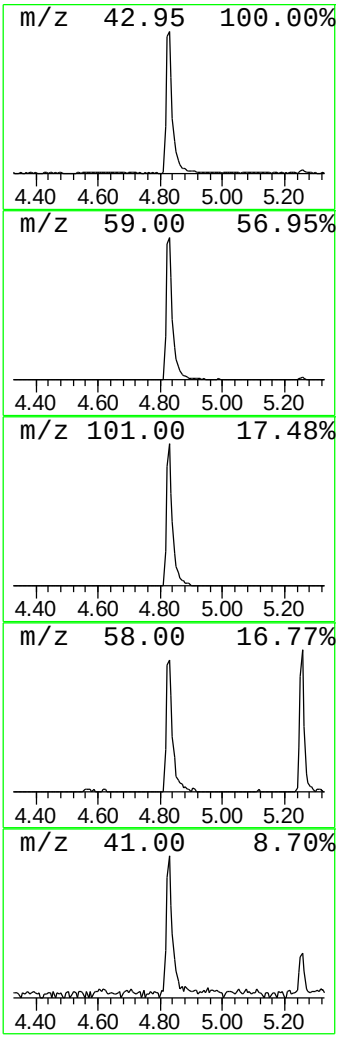
****

Peak Number 1 unknown4.83 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	6.67 ng	380503	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
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Operator : SJ/JU
Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

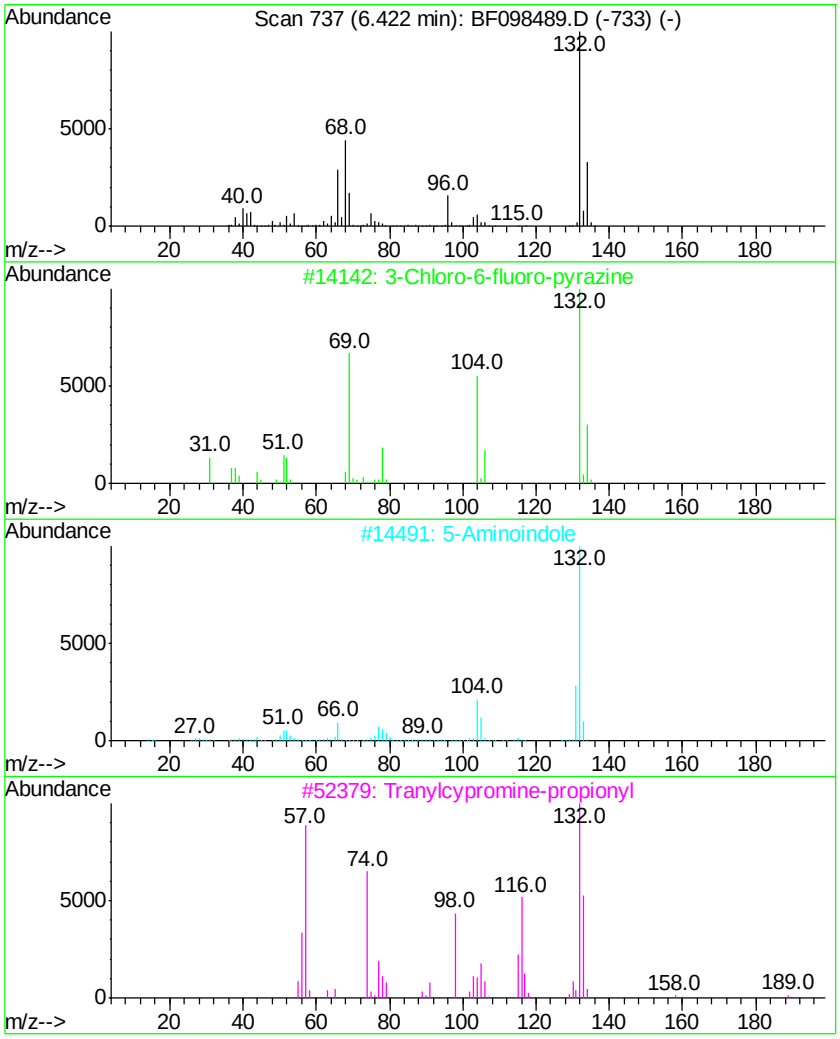
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

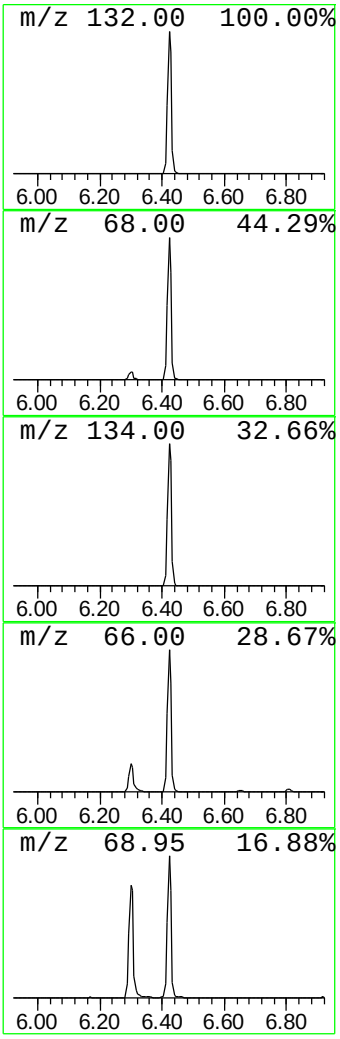
****

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	55.95 ng	3193430	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
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Acq On : 13 Sep 2017 14:51
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Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

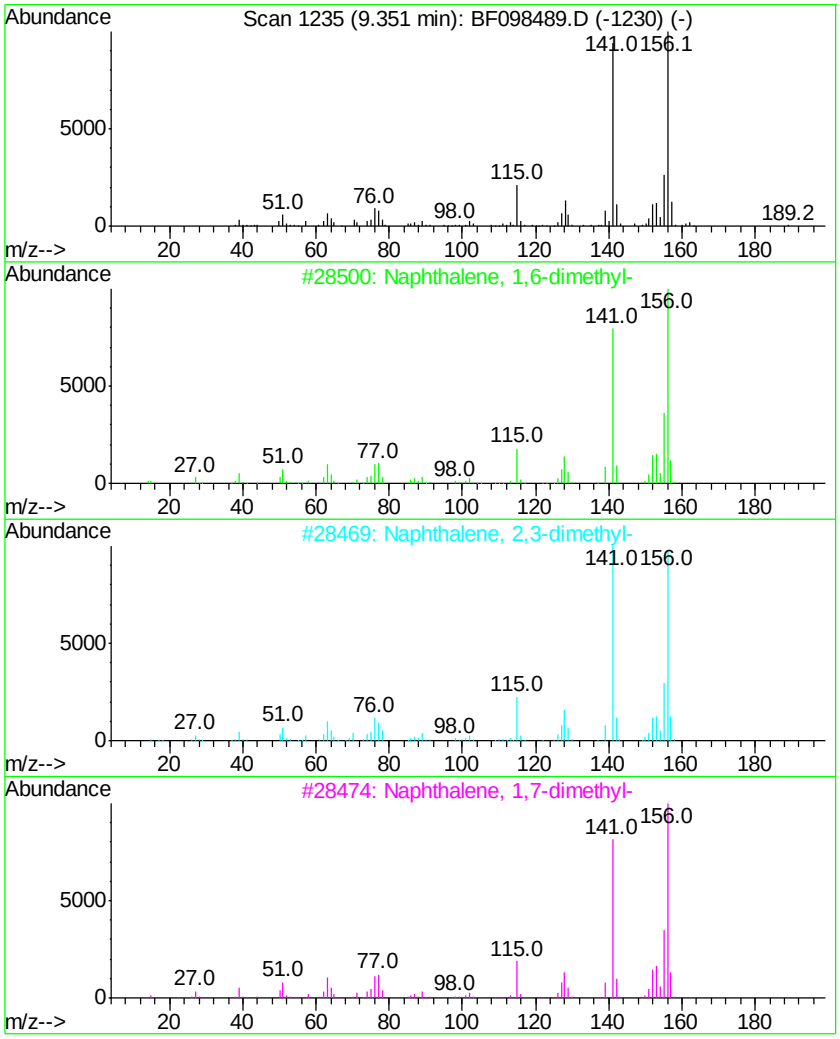
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

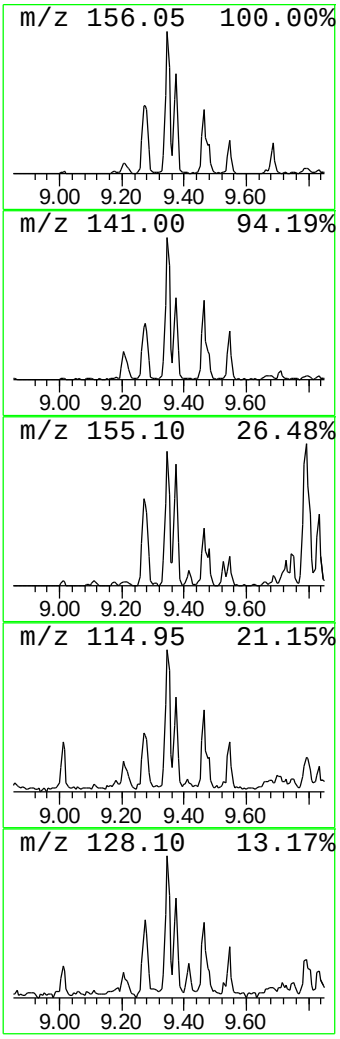
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	5.43 ng	437870	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

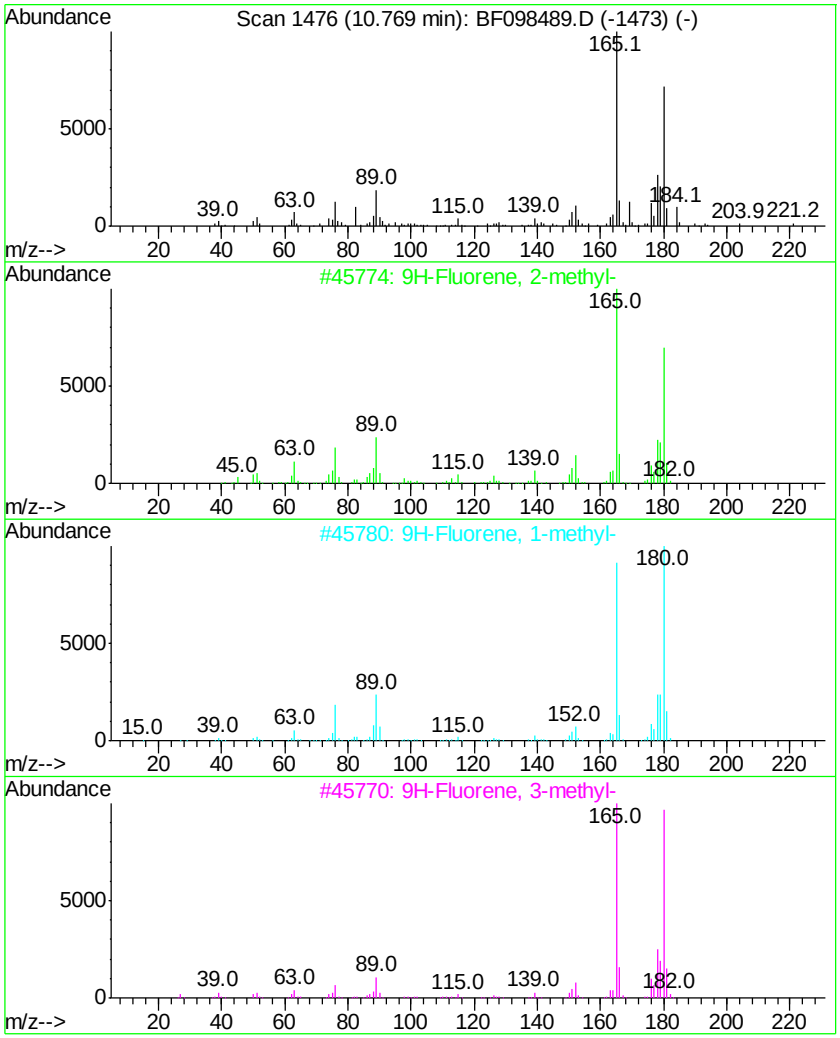
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

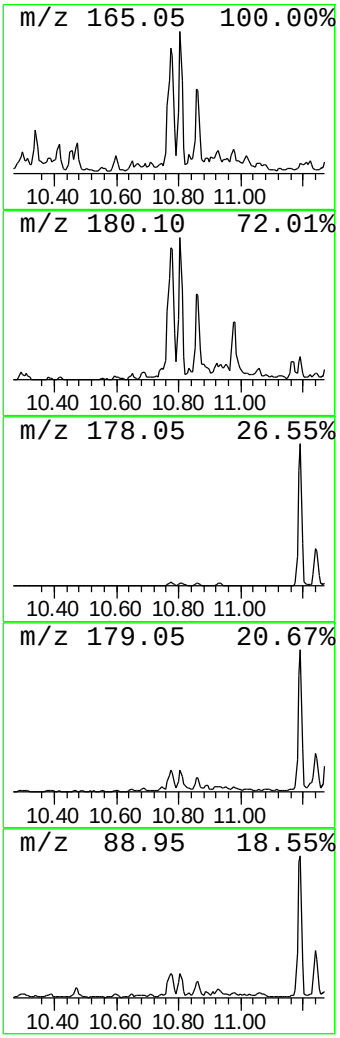
****

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	4.77 ng	343045	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	74





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098489.D
Acq On : 13 Sep 2017 14:51
Operator : SJ/JU
Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

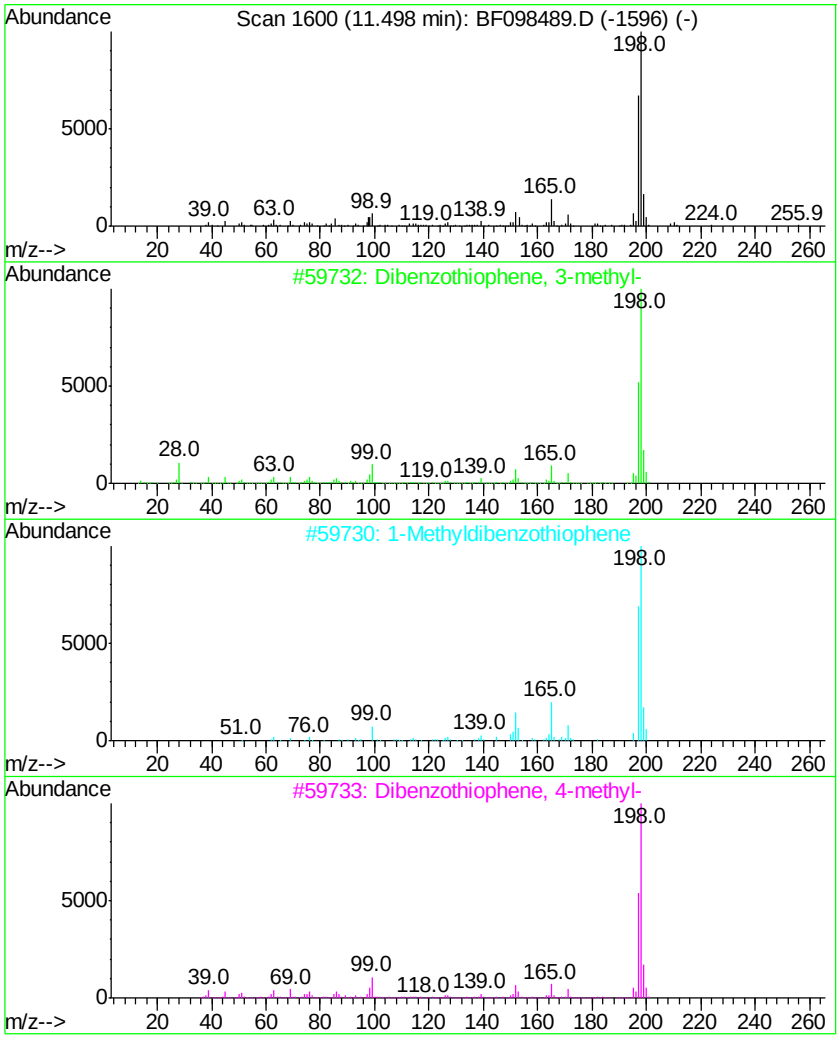
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

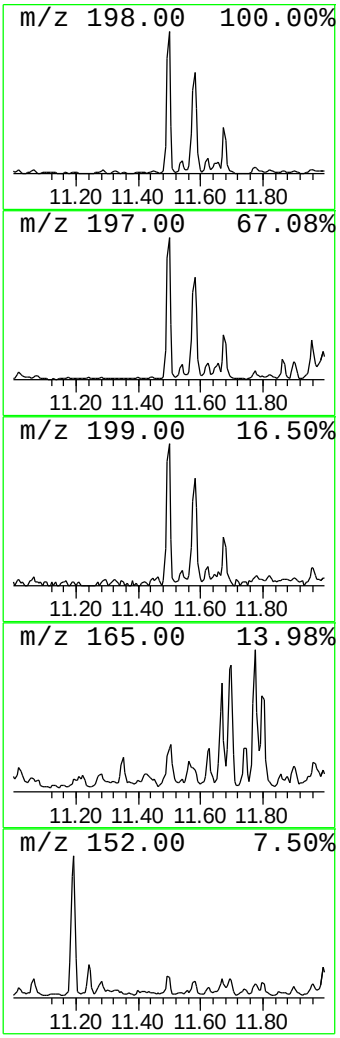
****

Peak Number 6 Dibenzothiophene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	4.39 ng	315711	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	83
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	83





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Acq On : 13 Sep 2017 14:51
Operator : SJ/JU
Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

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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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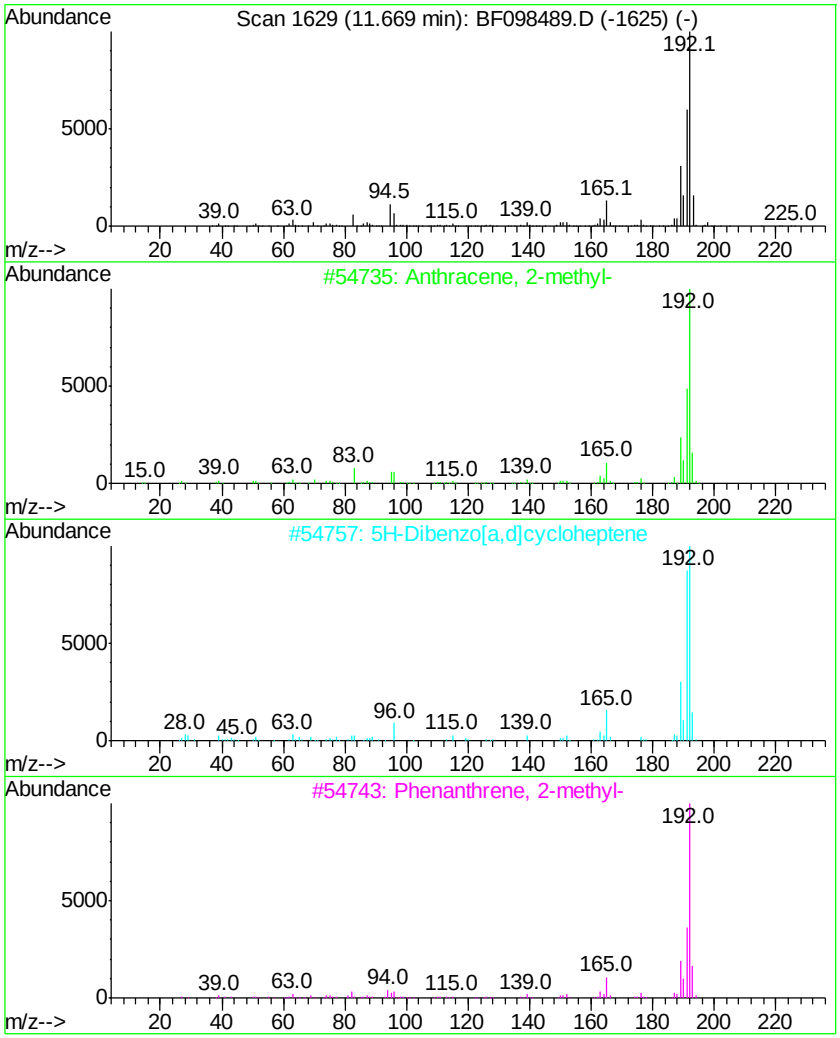
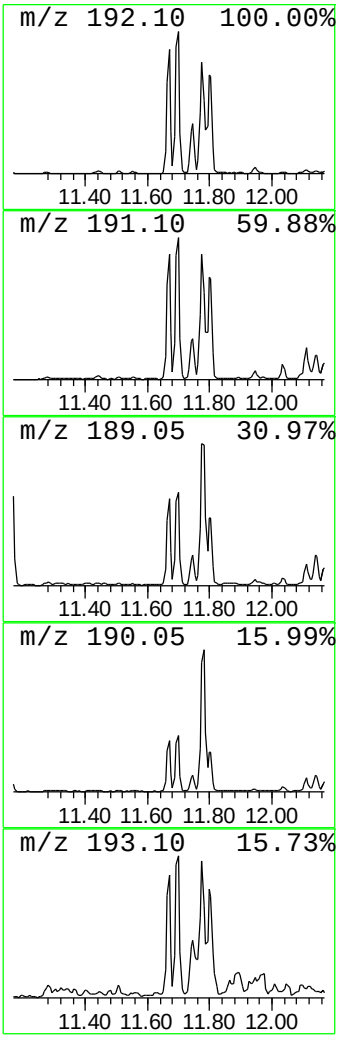
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	10.60 ng	762264	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

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Operator : SJ/JU
Sample : I5208-07 2X
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

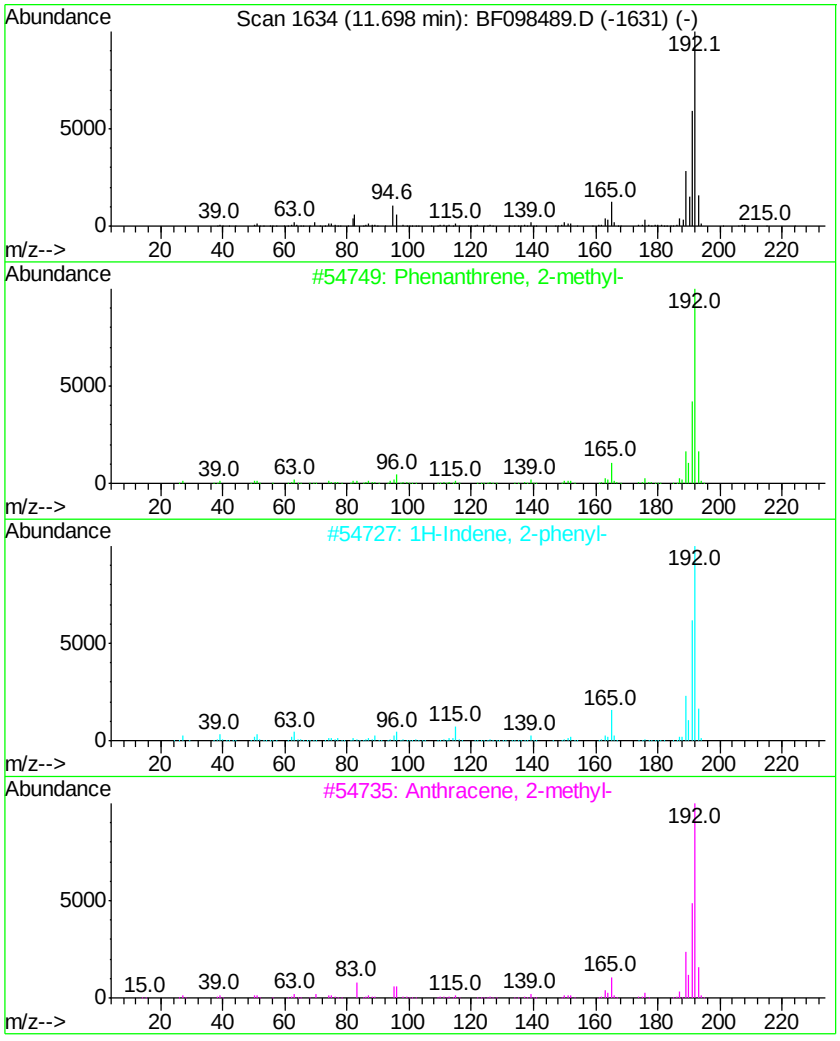
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

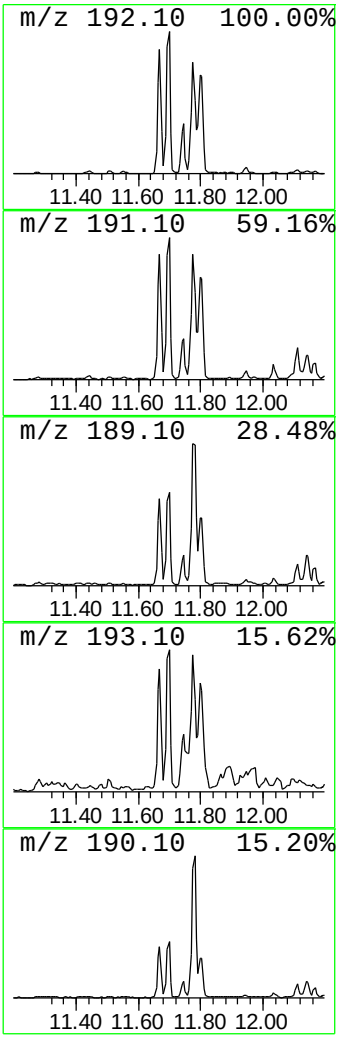
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	12.44 ng	894627	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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ClientSampleId : CL-02-091117-C

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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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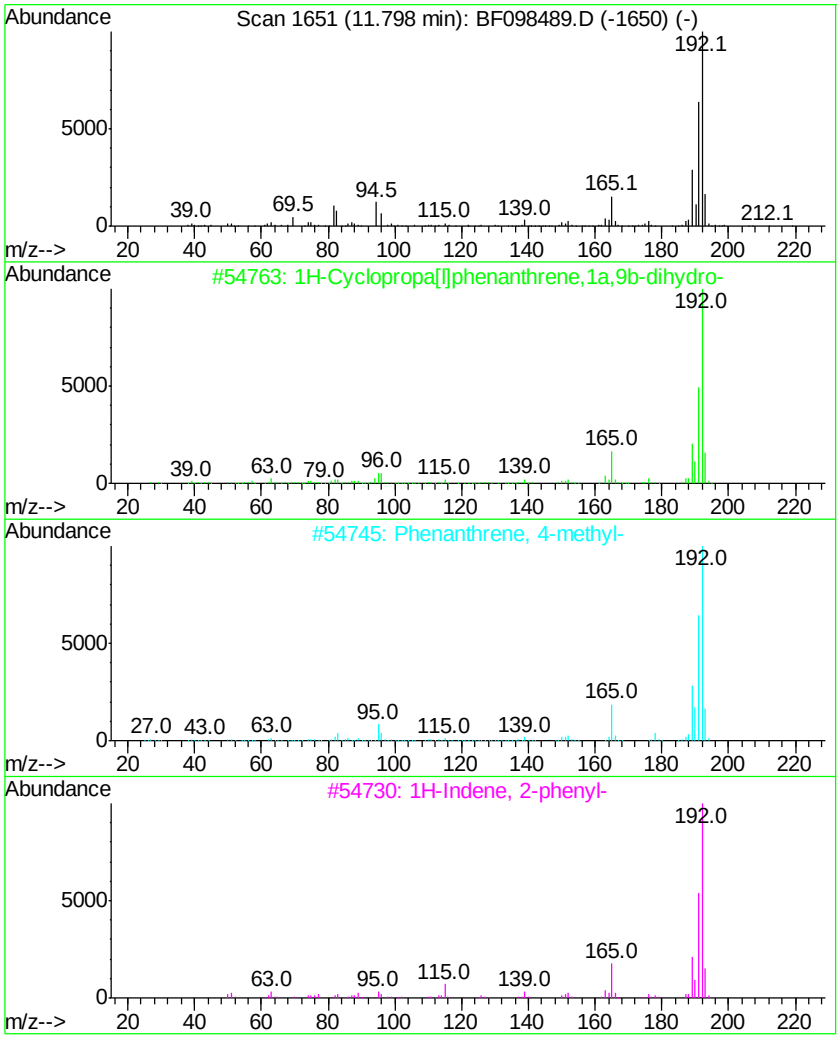
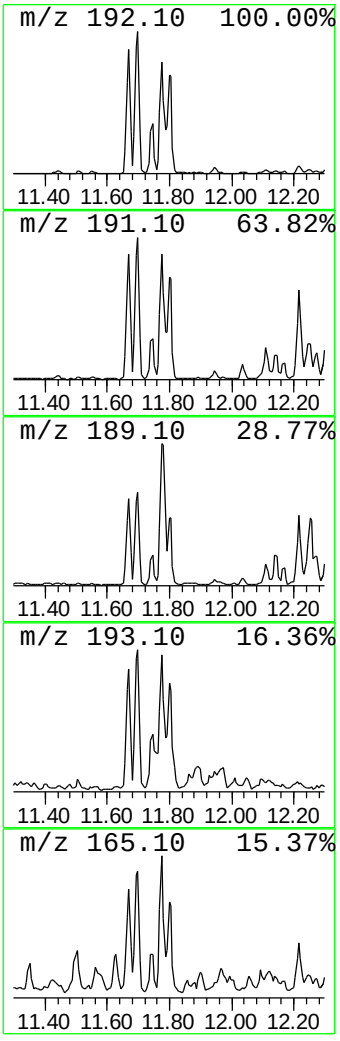
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	8.17 ng	587425	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

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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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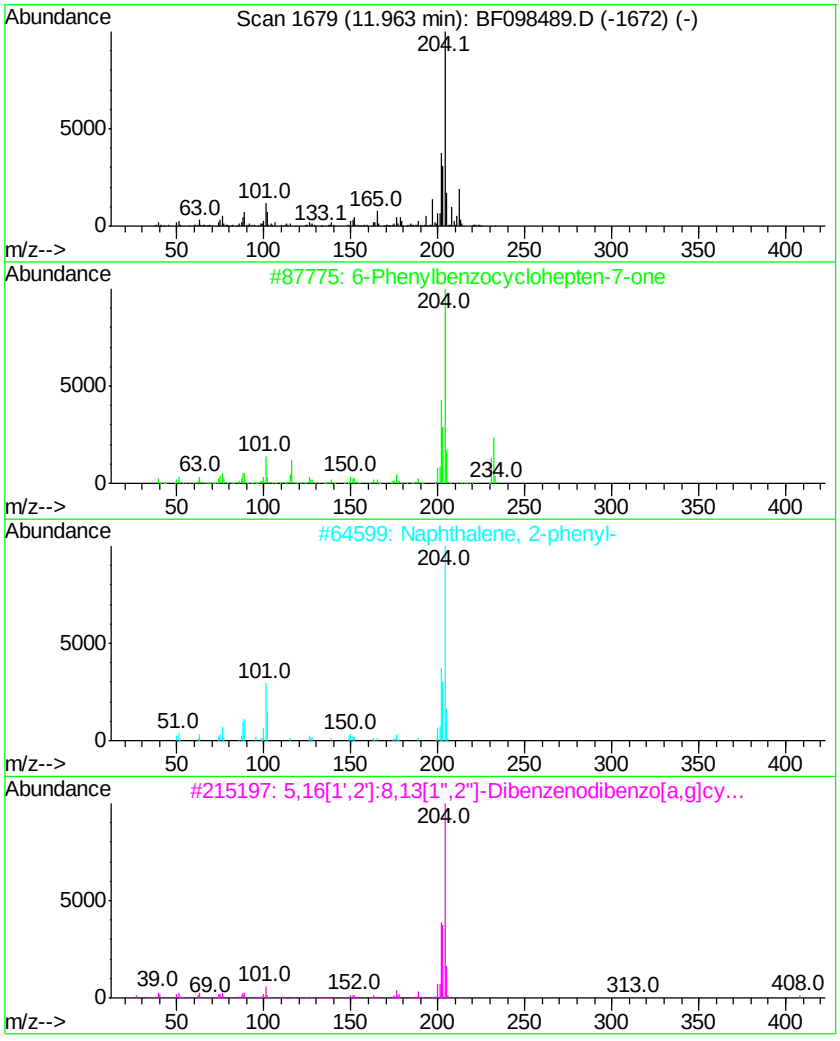
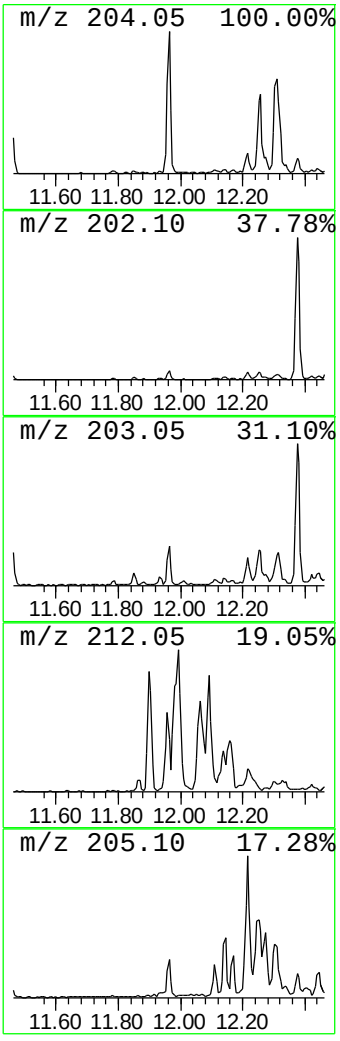
Peak Number 12 6-Phenylbenzocyclohepten-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.11 ng	439658	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	55
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50





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Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

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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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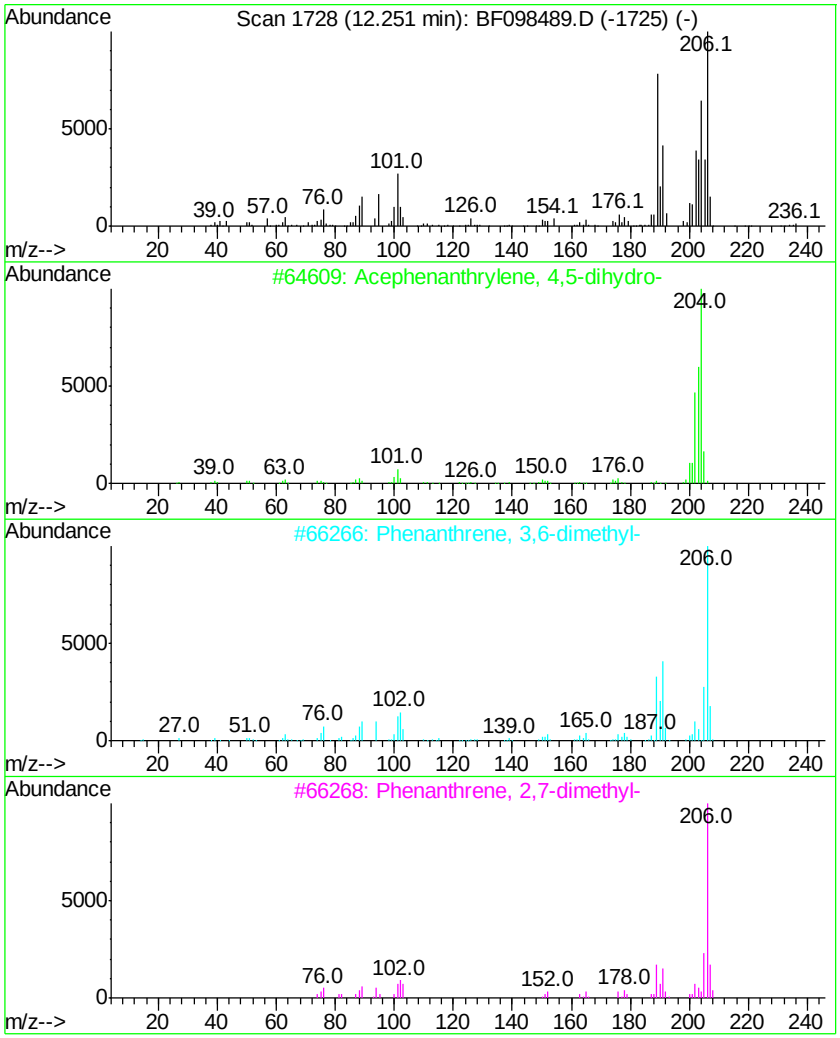
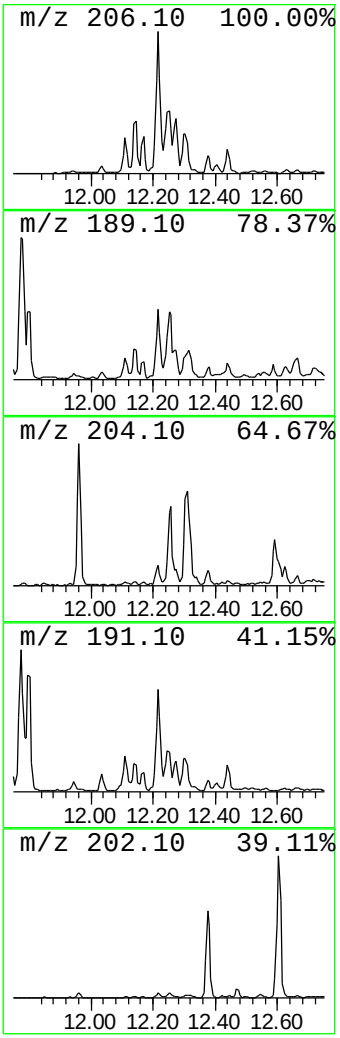
Peak Number 14 Acephenanthrylene, 4,5-dihy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	8.33 ng	599577	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	53
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	45
5	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	41





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Sample : I5208-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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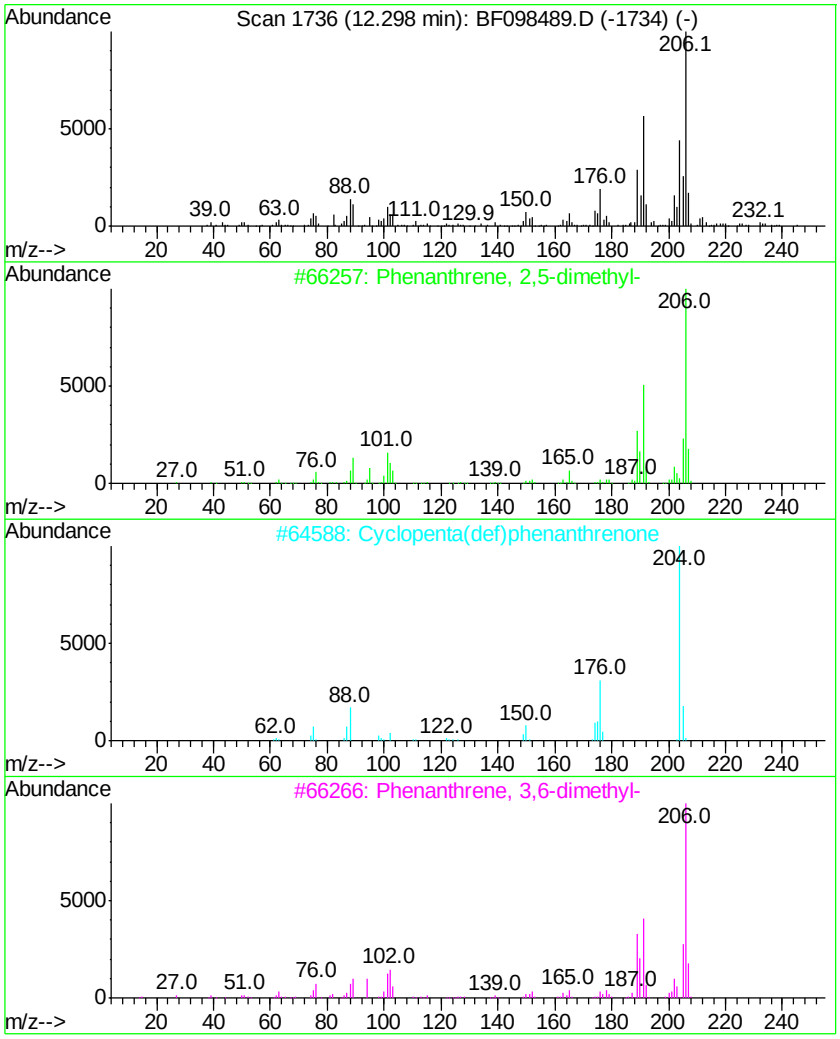
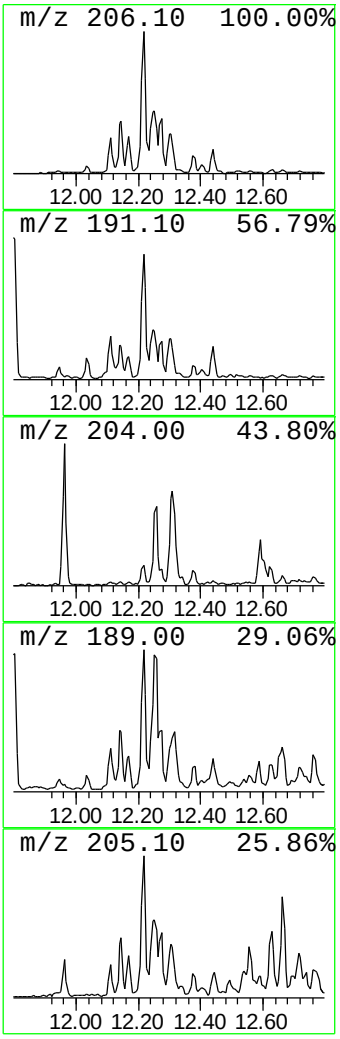
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	7.60 ng	546746	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	46





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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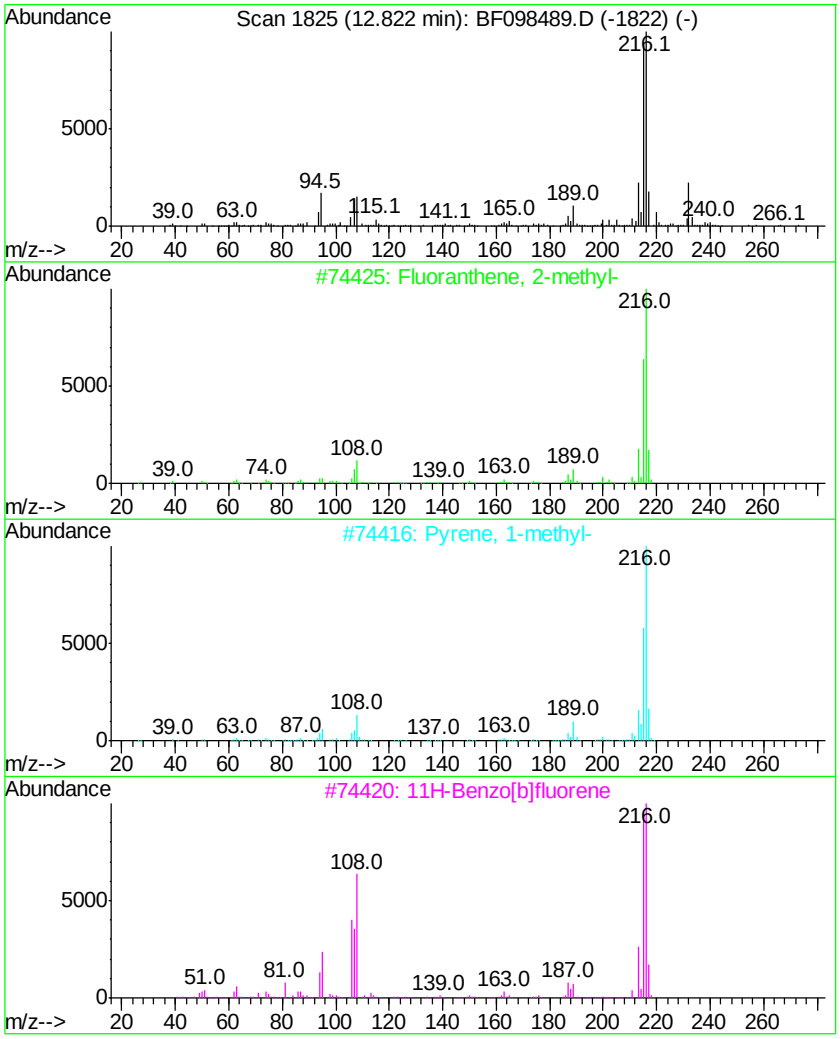
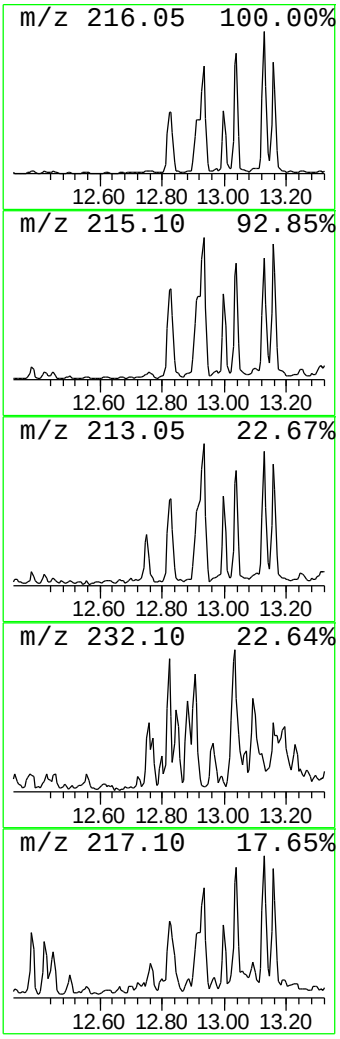
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	6.23 ng	680075	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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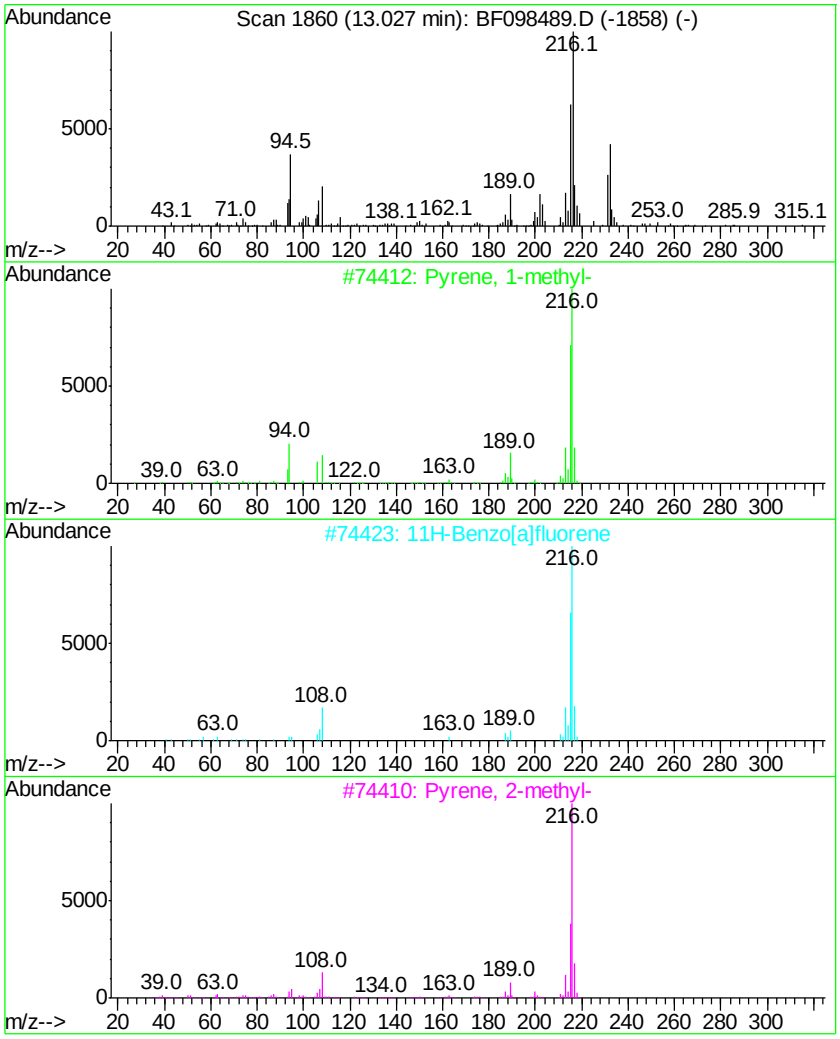
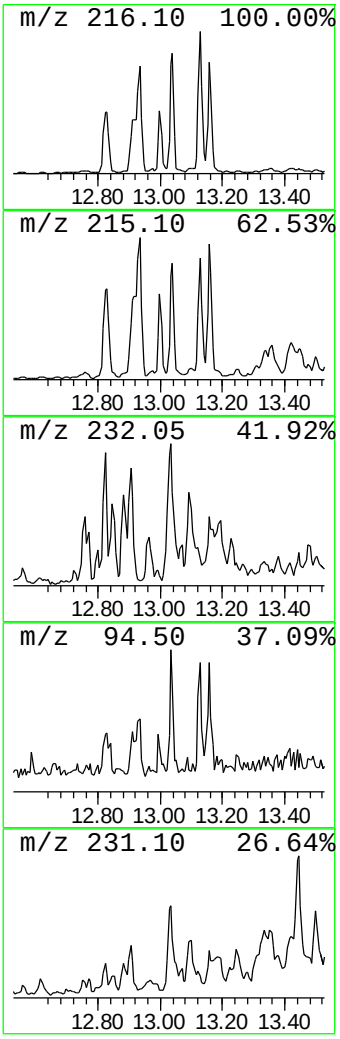
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	5.34 ng	582889	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92





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Instrument : BNA_F
ClientSampleId : CL-02-091117-C

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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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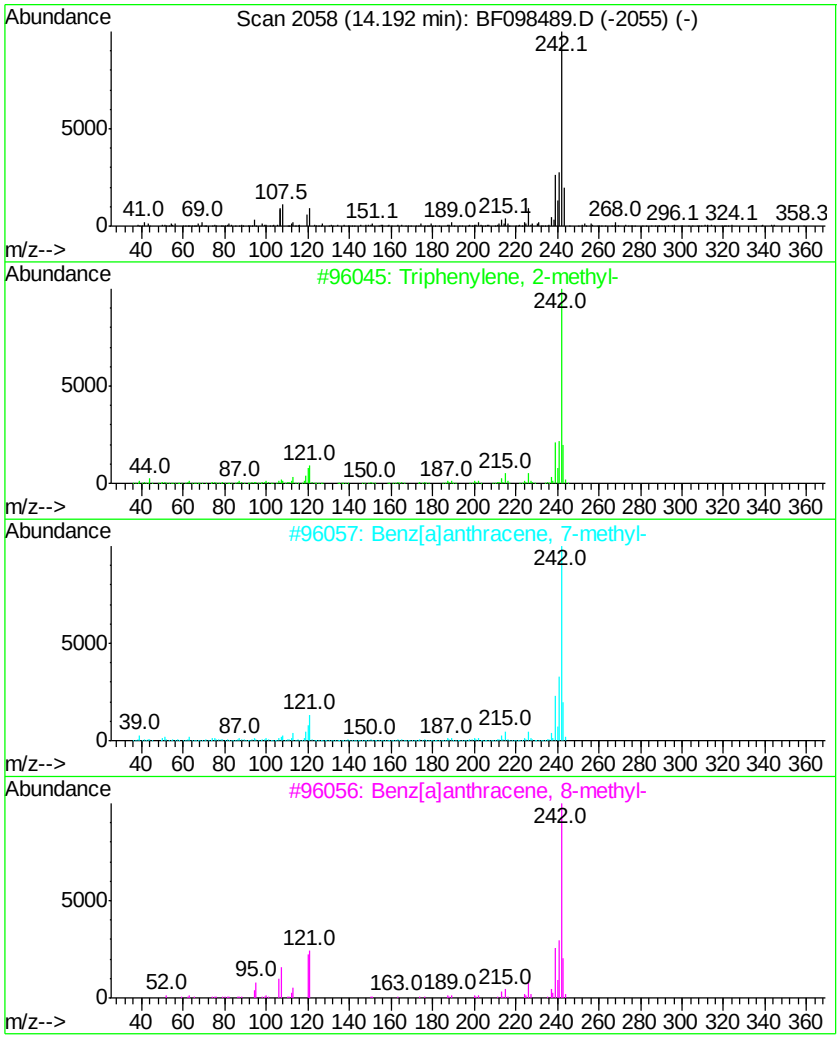
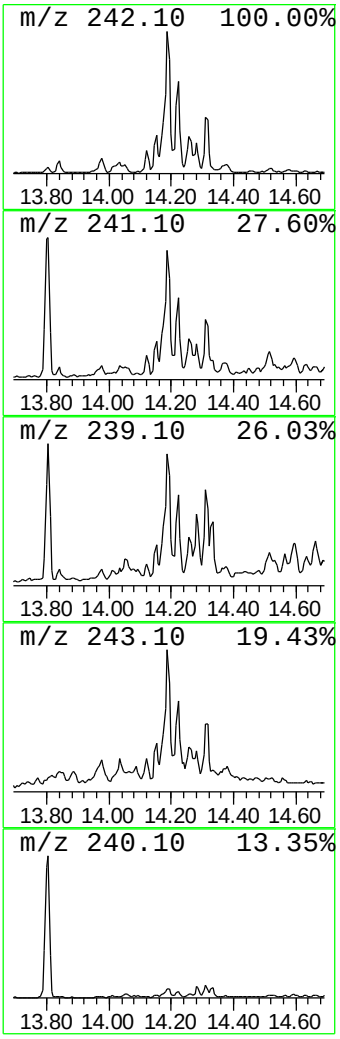
Peak Number 19 Triphenylene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	4.39 ng	479323	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	92
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	86
5	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	86





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Misc :
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TIC Integration Parameters: LSCINT.P

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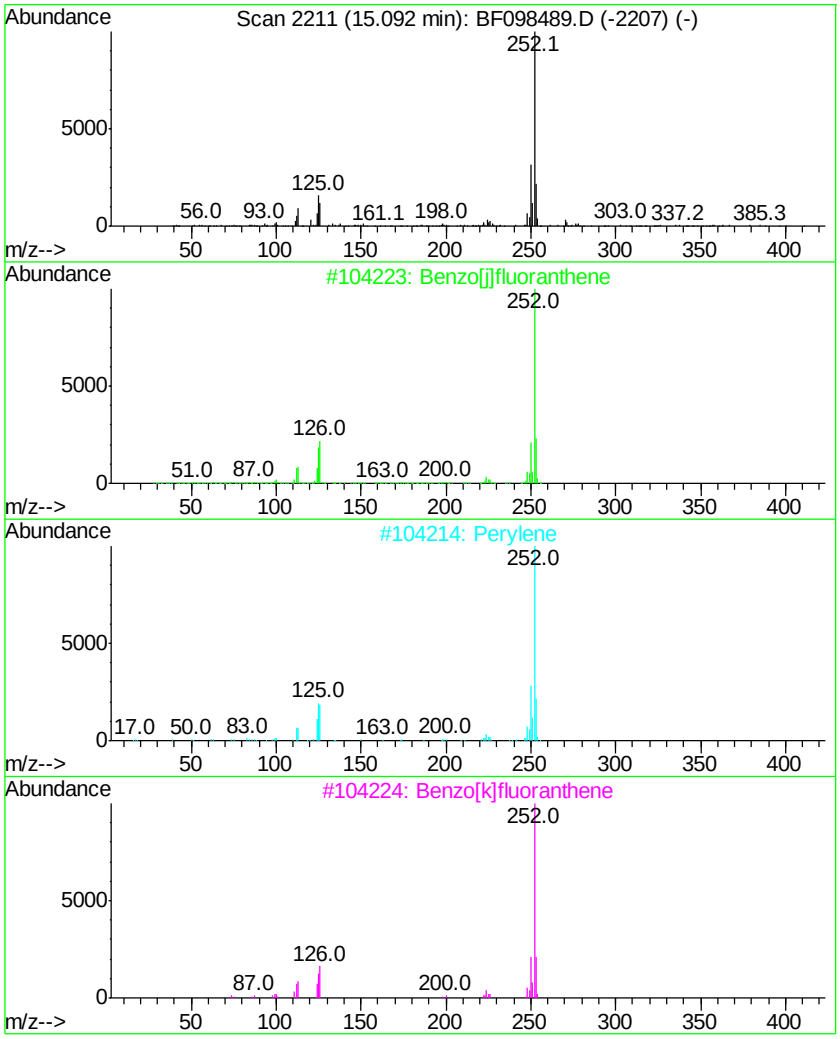
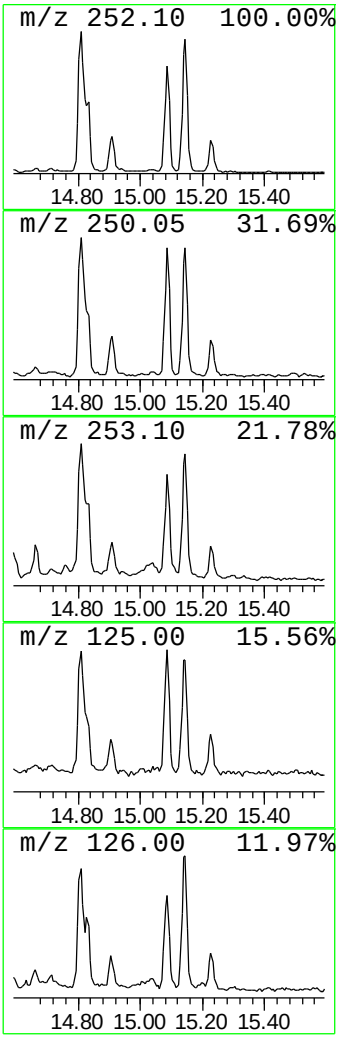
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	10.08 ng	448321	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[i]fluoranthene	252	C20H12	000205-82-3	98
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Benzo[e]pyrene	252	C20H12	000192-97-2	98
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98





Tentatively Identified Compound (LSC) summary

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Misc :
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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

					Internal Standard			
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unknown6.42	6.42	56.0	ng	3193430	1	6.65	1141510	20.0
Naphthalene, 1,6-...	9.35	5.4	ng	437870	3	9.69	1612800	20.0
9H-Fluorene, 2-me...	10.77	4.8	ng	343045	4	11.17	1438750	20.0
Dibenzothiophene,...	11.50	4.4	ng	315711	4	11.17	1438750	20.0
Anthracene, 2-met...	11.67	10.6	ng	762264	4	11.17	1438750	20.0
Phenanthrene, 2-m...	11.70	12.4	ng	894627	4	11.17	1438750	20.0
1H-Cyclopropa[l]p...	11.80	8.2	ng	587425	4	11.17	1438750	20.0
6-Phenylbenzocycl...	11.96	6.1	ng	439658	4	11.17	1438750	20.0
Acephenanthrylene...	12.25	8.3	ng	599577	4	11.17	1438750	20.0
Phenanthrene, 2,5...	12.30	7.6	ng	546746	4	11.17	1438750	20.0
Fluoranthene, 2-m...	12.82	6.2	ng	680075	5	13.80	2184430	20.0
Pyrene, 1-methyl-	13.03	5.3	ng	582889	5	13.80	2184430	20.0
Triphenylene, 2-m...	14.19	4.4	ng	479323	5	13.80	2184430	20.0
Benzo[j]fluoranthene	15.09	10.1	ng	448321	6	15.20	889733	20.0