LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099639.D
Acq On : 19 Oct 2017 1:24
Operator : SJ/JU
Sample : I5935-10 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101617-D

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-BF092317.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	5.040	499	502	513	rVB	48848	57846	4.62%	0.274%
2	5.451	569	572	583	rBV	384568	397662	31.79%	1.881%
3	6.469	742	745	759	rBV	392086	400285	32.00%	1.893%
4	6.598	764	767	774	rBV	487917	424234	33.91%	2.007%
5	6.828	802	806	813	rBV	613748	502099	40.14%	2.375%
6	6.981	829	832	842	rVB	403108	330671	26.43%	1.564%
7	7.392	899	902	908	rBV	240078	215197	17.20%	1.018%
8	8.110	1020	1024	1027	rBV	711723	591021	47.25%	2.795%
9	8.822	1140	1145	1153	rBV	81385	72662	5.81%	0.344%
10	8.922	1157	1162	1169	rVB	94808	92304	7.38%	0.437%
11	9.180	1202	1206	1209	rBV	510969	389197	31.11%	1.841%
12	9.451	1248	1252	1255	rBV	72240	93841	7.50%	0.444%
13	9.522	1260	1264	1266	rBV	162017	151258	12.09%	0.715%
14	9.545	1266	1268	1272	rVB	96901	75626	6.05%	0.358%
15	9.639	1280	1284	1285	rBV	78642	70188	5.61%	0.332%
16	9.722	1295	1298	1303	rBV2	180971	169825	13.58%	0.803%
17	9.863	1315	1322	1325	rBV	635300	525826	42.03%	2.487%
18	9.969	1336	1340	1344	rBV2	41083	57534	4.60%	0.272%
19	10.063	1352	1356	1360	rVV2	83384	95107	7.60%	0.450%
20	10.104	1360	1363	1366	rVB	101029	81936	6.55%	0.388%
21	10.175	1371	1375	1378	rBV	121687	128517	10.27%	0.608%
22	10.257	1386	1389	1392	rBV2	57068	79667	6.37%	0.377%
23	10.410	1412	1415	1421	rVB3	129737	156032	12.47%	0.738%
24	10.651	1450	1456	1460	rBV3	216770	219894	17.58%	1.040%
25	10.769	1471	1476	1482	rVB4	56064	81853	6.54%	0.387%
26	10.957	1504	1508	1511	rBV2	109894	144258	11.53%	0.682%
27	10.986	1511	1513	1516	rVV	116696	99053	7.92%	0.468%
28	11.039	1520	1522	1525	rVV	97012	80185	6.41%	0.379%
29	11.086	1525	1530	1532	rVV2	44561	77090	6.16%	0.365%
30	11.110	1532	1534	1539	rVV3	54791	78344	6.26%	0.371%
31	11.157	1539	1542	1547	rVV3	55560	85716	6.85%	0.405%
32	11.245	1552	1557	1561	rVB	81273	92858	7.42%	0.439%
33	11.351	1571	1575	1577	rBV	593249	496696	39.71%	2.349%
34	11.374	1577	1579	1582	rVV	738168	566505	45.29%	2.679%

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Operator : SJ/JU
Sample : I5935-10 5X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-101617-D

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.427	1585	1588	1590	rVV	228023	184243	14.73%	0.871%
36	11.463	1590	1594	1596	rVV3	87783	119147	9.52%	0.564%
37	11.504	1599	1601	1607	rVV4	48526	90528	7.24%	0.428%
38	11.586	1611	1615	1619	rBV3	61284	101058	8.08%	0.478%
39	11.680	1626	1631	1635	rVV3	124650	126543	10.12%	0.599%
40	11.763	1642	1645	1649	rVB	63385	73615	5.88%	0.348%
41	11.851	1657	1660	1663	rVV	371226	337196	26.96%	1.595%
42	11.880	1663	1665	1669	rVB	488206	386154	30.87%	1.826%
43	11.927	1669	1673	1676	rBV	209430	206805	16.53%	0.978%
44	11.963	1676	1679	1682	rVV2	478053	568158	45.42%	2.687%
45	11.986	1682	1683	1688	rVB	345979	234861	18.77%	1.111%
46	12.086	1697	1700	1703	rVB2	71202	60947	4.87%	0.288%
47	12.145	1703	1710	1714	rBV3	155121	219073	17.51%	1.036%
48	12.180	1714	1716	1720	rVB3	95784	90698	7.25%	0.429%
49	12.280	1730	1733	1734	rBV	68579	72949	5.83%	0.345%
50	12.292	1734	1735	1738	rVV	74982	63329	5.06%	0.300%
51	12.327	1738	1741	1743	rVB	131103	89520	7.16%	0.423%
52	12.351	1743	1745	1748	rVB2	123534	96803	7.74%	0.458%
53	12.404	1750	1754	1756	rBV	425562	415947	33.25%	1.967%
54	12.439	1756	1760	1762	rVV2	217772	280352	22.41%	1.326%
55	12.457	1762	1763	1766	rVB	146581	99583	7.96%	0.471%
56	12.498	1766	1770	1778	rVB4	173153	342940	27.41%	1.622%
57	12.568	1778	1782	1785	rBV	926764	812635	64.96%	3.844%
58	12.604	1785	1788	1790	rBV2	83149	70981	5.67%	0.336%
59	12.627	1790	1792	1795	rVB	107085	88329	7.06%	0.418%
60	12.663	1795	1798	1801	rBV	82081	62327	4.98%	0.295%
61	12.721	1804	1808	1809	rBV3	92044	98015	7.84%	0.464%
62	12.739	1809	1811	1815	rVB2	83200	67230	5.37%	0.318%
63	12.798	1815	1821	1826	rBV	1189888	1250934	100.00%	5.917%
64	12.845	1826	1829	1833	rVB	153452	167098	13.36%	0.790%
65	12.927	1841	1843	1846	rVV	363667	316958	25.34%	1.499%
66	12.951	1846	1847	1853	rVB3	114076	98190	7.85%	0.464%
67	13.010	1853	1857	1863	rBV3	176823	324958	25.98%	1.537%
68	13.068	1863	1867	1869	rBV2	85335	90104	7.20%	0.426%
69	13.104	1869	1873	1874	rBV2	154946	184950	14.78%	0.875%
70	13.121	1874	1876	1879	rVB	291704	270824	21.65%	1.281%
71	13.192	1885	1888	1891	rVB	148891	125230	10.01%	0.592%

LSC Area Percent Report

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Sample : I5935-10 5X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-101617-D

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.227	1891	1894	1898	rBV	317184	285839	22.85%	1.352%
73	13.292	1902	1905	1907	rBV2	48935	69476	5.55%	0.329%
74	13.321	1907	1910	1913	rBV	302840	236690	18.92%	1.119%
75	13.351	1913	1915	1918	rVB	294146	254749	20.36%	1.205%
76	13.527	1942	1945	1946	rBV	74467	66067	5.28%	0.312%
77	13.610	1955	1959	1961	rBV3	81219	125461	10.03%	0.593%
78	13.639	1961	1964	1967	rVB2	169659	175234	14.01%	0.829%
79	13.692	1971	1973	1977	rBV	88773	81328	6.50%	0.385%
80	13.727	1977	1979	1981	rBV	102509	110693	8.85%	0.524%
81	13.745	1981	1982	1985	rVV2	116219	111723	8.93%	0.528%
82	13.798	1989	1991	1992	rBV	79919	65324	5.22%	0.309%
83	13.845	1997	1999	2002	rBV	109890	103627	8.28%	0.490%
84	13.998	2020	2025	2027	rBV2	755128	1087688	86.95%	5.145%
85	14.021	2027	2029	2032	rVV	511131	450522	36.01%	2.131%
86	14.080	2036	2039	2041	rBV	82365	70521	5.64%	0.334%
87	14.104	2041	2043	2045	rBV2	71539	57965	4.63%	0.274%
88	14.157	2049	2052	2056	rVB3	62844	87593	7.00%	0.414%
89	14.345	2082	2084	2086	rBV	88148	76148	6.09%	0.360%
90	14.386	2086	2091	2093	rVV	229015	276615	22.11%	1.308%
91	14.415	2094	2096	2098	rVB	146260	107745	8.61%	0.510%
92	14.510	2109	2112	2114	rBV	148608	122431	9.79%	0.579%
93	14.880	2172	2175	2177	rBV2	81539	79663	6.37%	0.377%
94	15.039	2198	2202	2205	rBV	232053	334451	26.74%	1.582%
95	15.145	2218	2220	2224	rVB	63790	68480	5.47%	0.324%
96	15.339	2250	2253	2257	rVB	186117	211693	16.92%	1.001%
97	15.404	2260	2264	2268	rBV	253643	285296	22.81%	1.349%
98	15.462	2271	2274	2278	rVV	293404	332108	26.55%	1.571%
99	16.939	2522	2525	2531	rVB	103472	186652	14.92%	0.883%
100	17.392	2598	2602	2610	rVB	76049	150749	12.05%	0.713%

Sum of corrected areas: 21142730

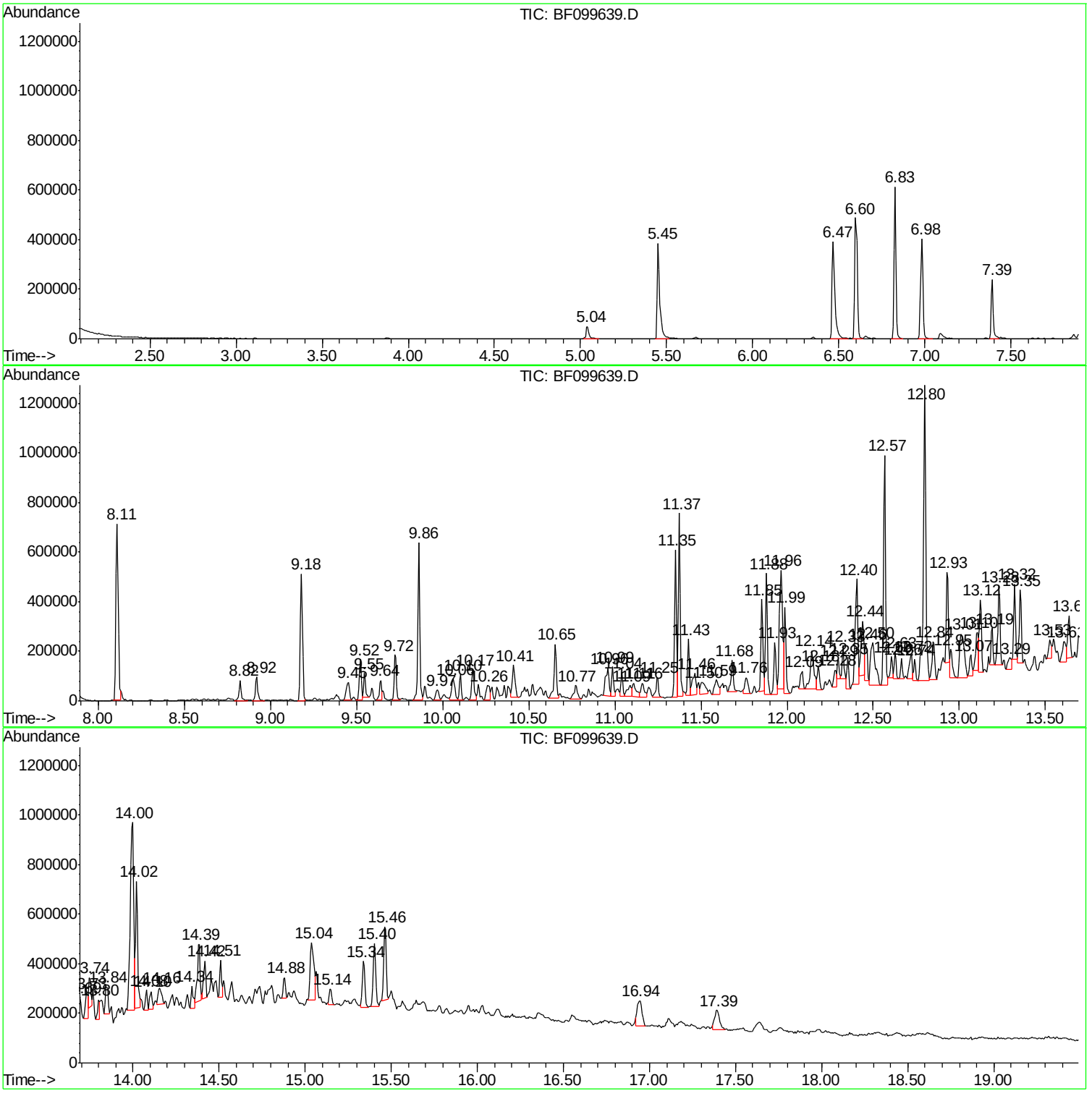
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099639.D
Acq On : 19 Oct 2017 1:24
Operator : SJ/JU
Sample : I5935-10 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099639.D
Acq On : 19 Oct 2017 1:24
Operator : SJ/JU
Sample : I5935-10 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

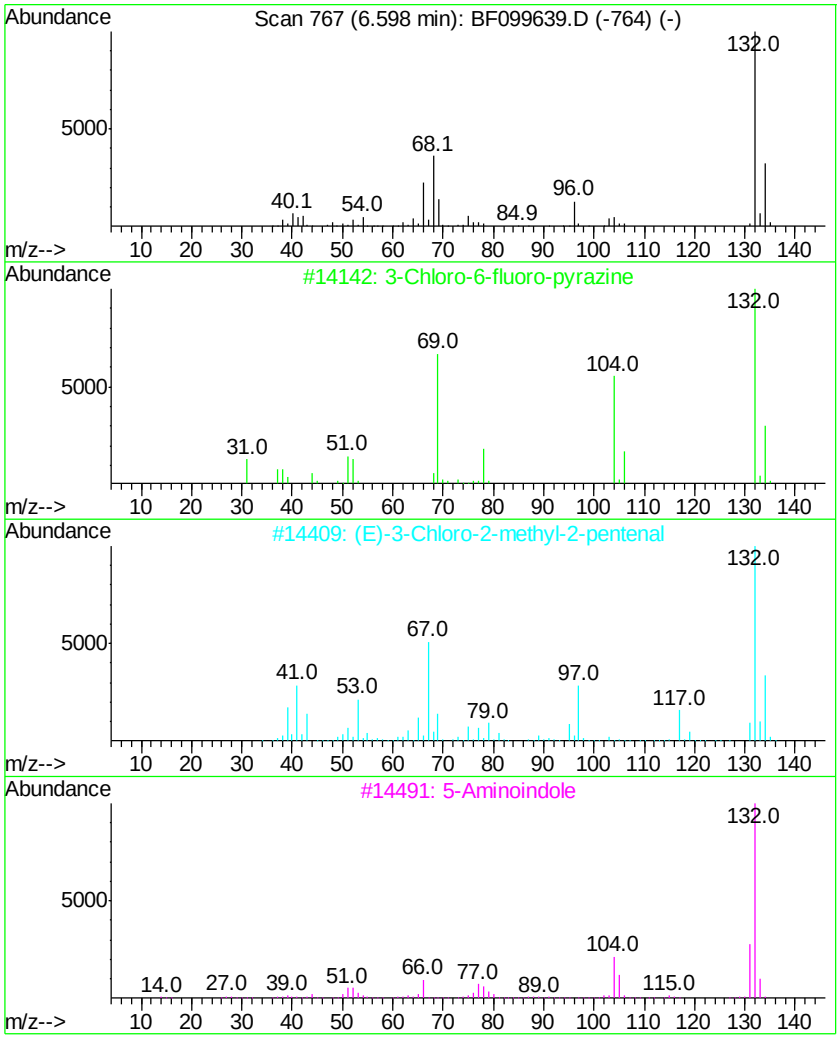
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

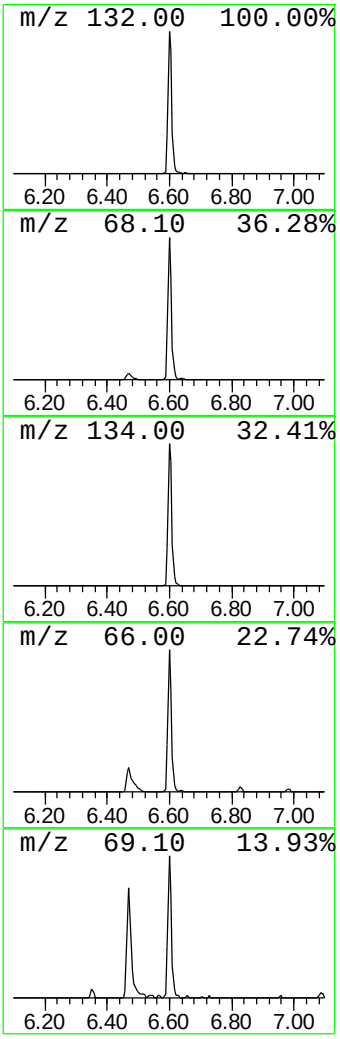
****

Peak Number 1 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	16.90 ng	424234	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

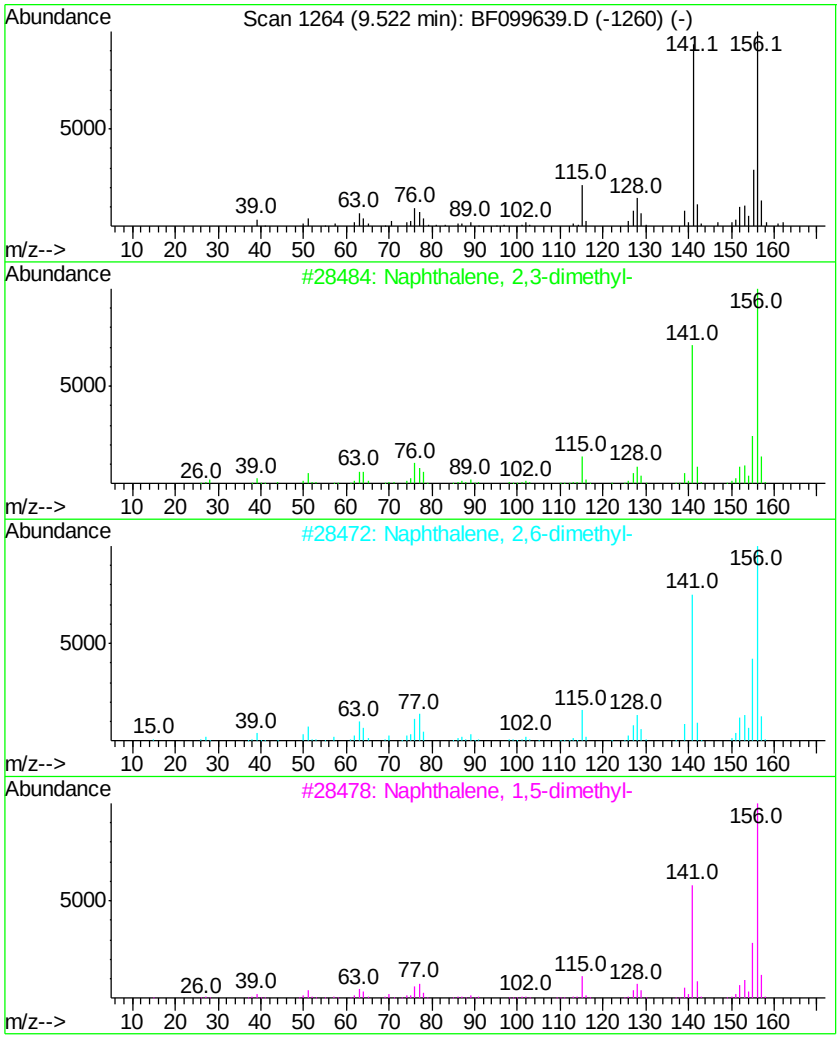
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

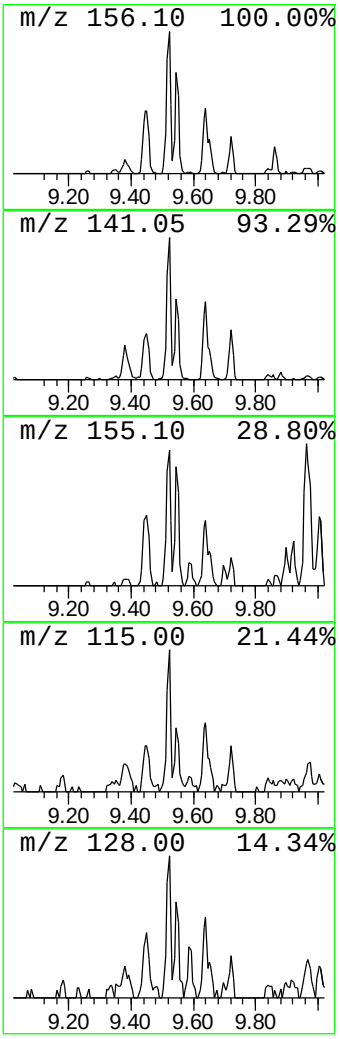
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	5.75 ng	151258	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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

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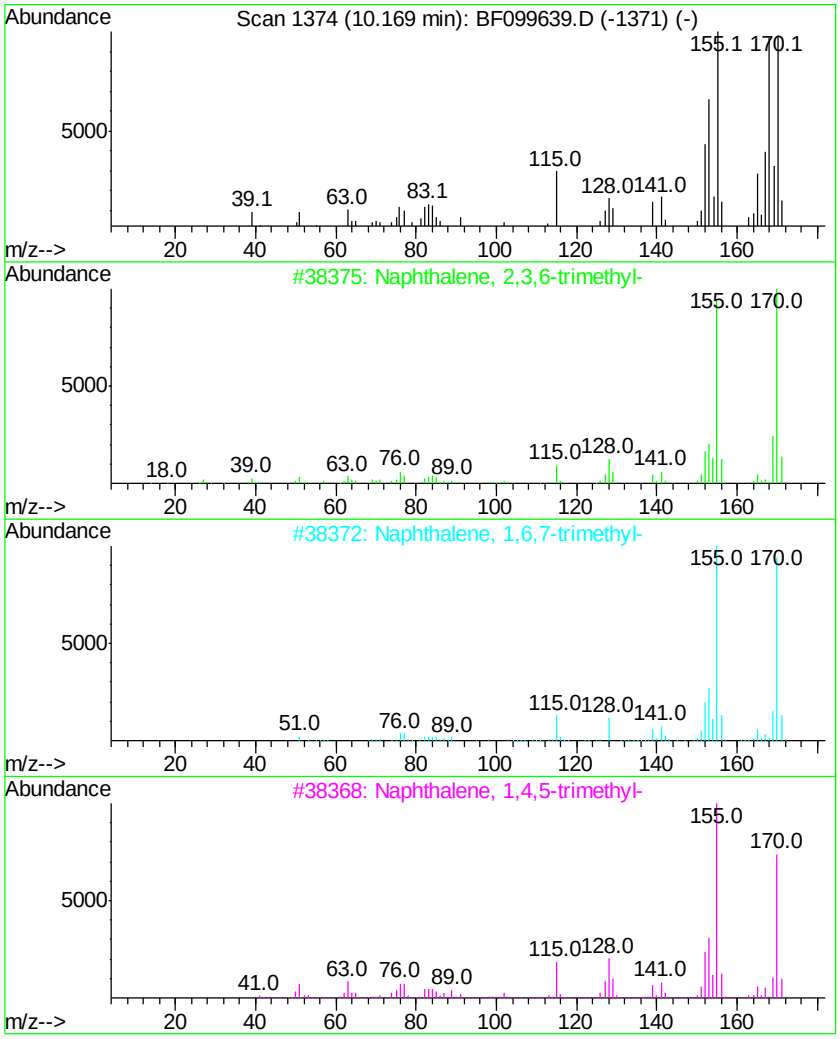
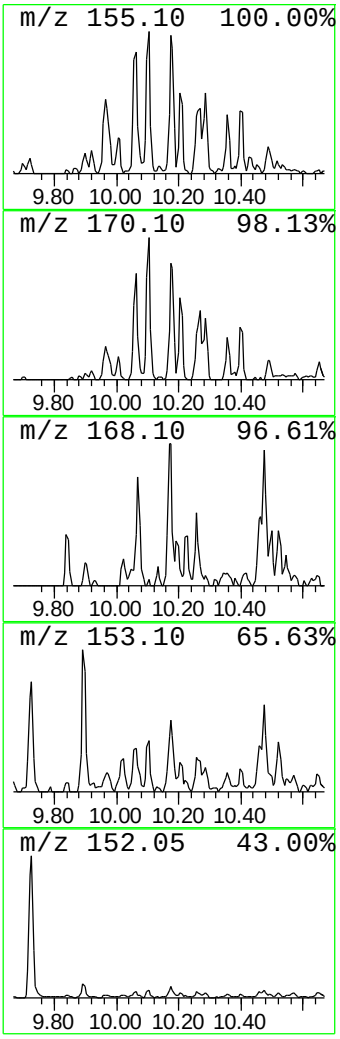
Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	4.89 ng	128517	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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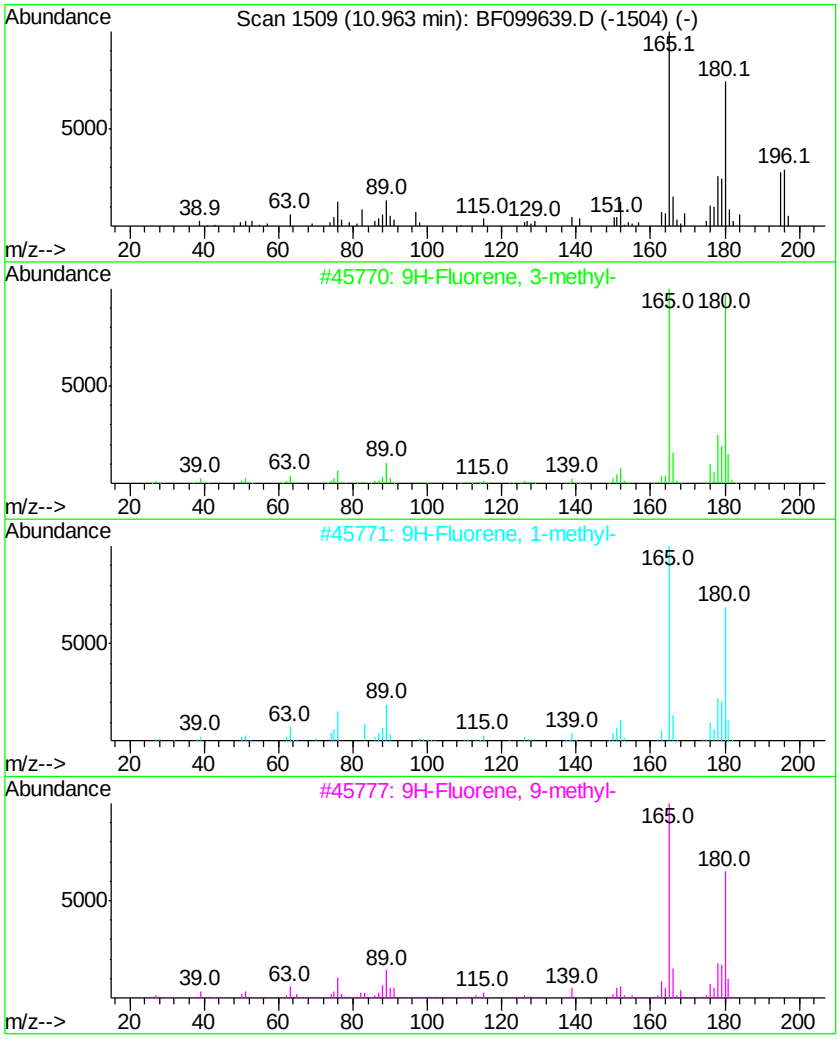
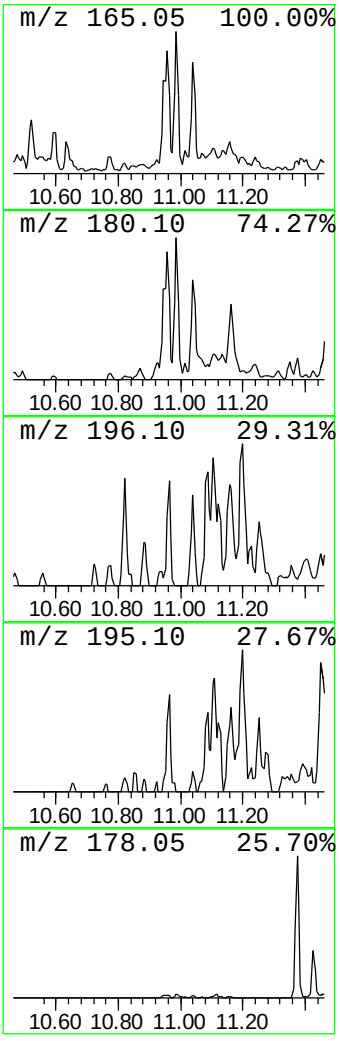
Peak Number 5 9H-Fluorene, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	5.81 ng	144258	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099639.D
Acq On : 19 Oct 2017 1:24
Operator : SJ/JU
Sample : I5935-10 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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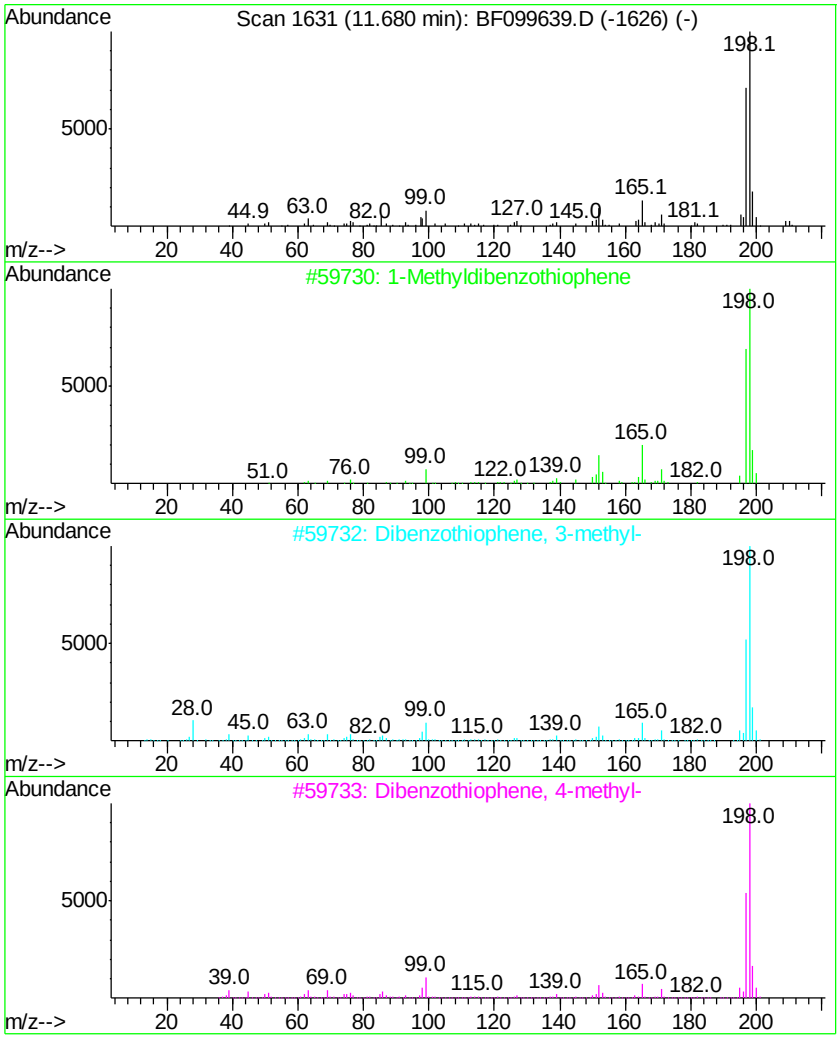
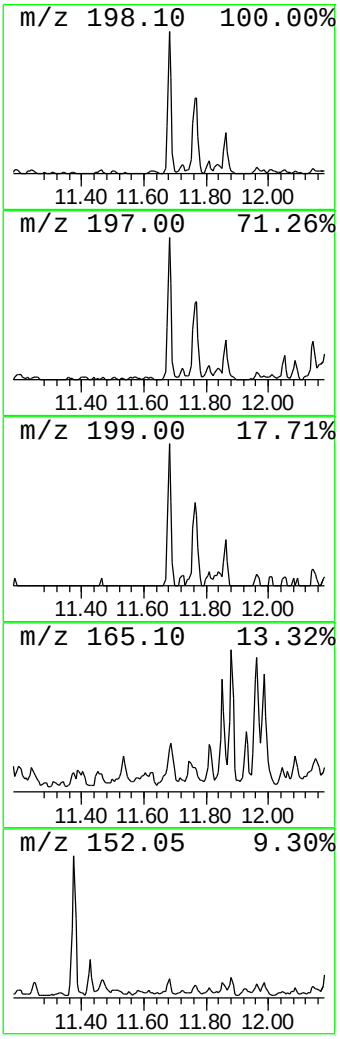
Peak Number 6 1-Methyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	5.10 ng	126543	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72





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Operator : SJ/JU
Sample : I5935-10 5X
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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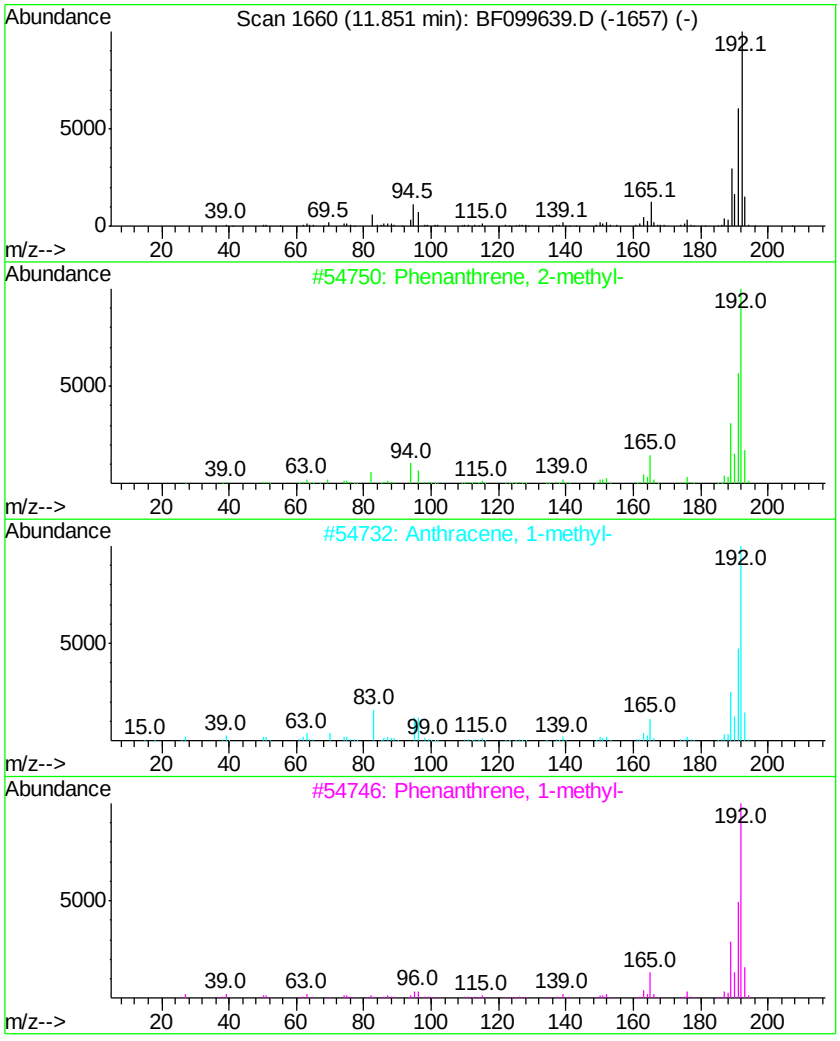
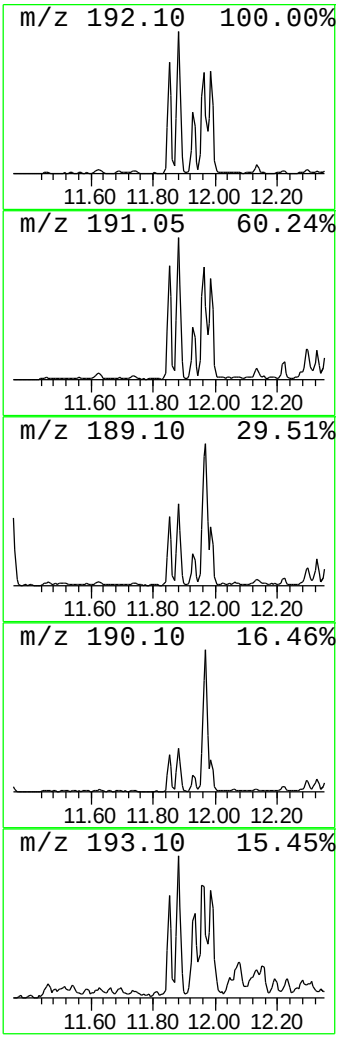
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	13.58 ng	337196	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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

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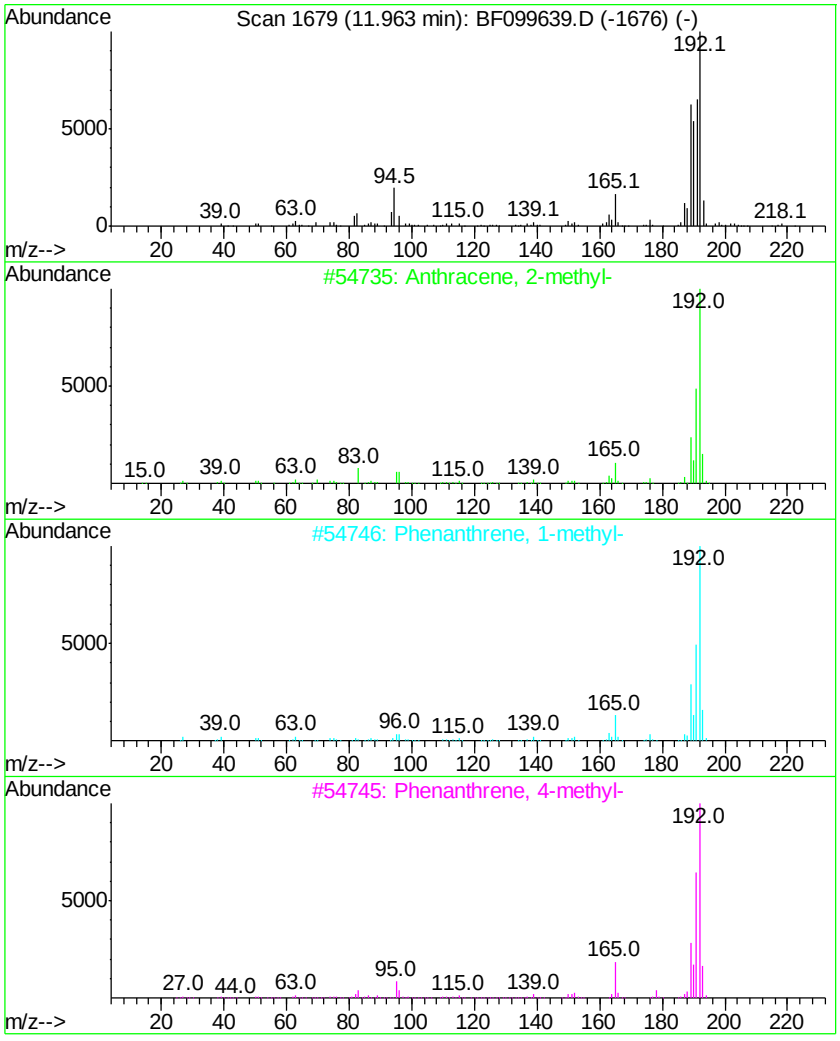
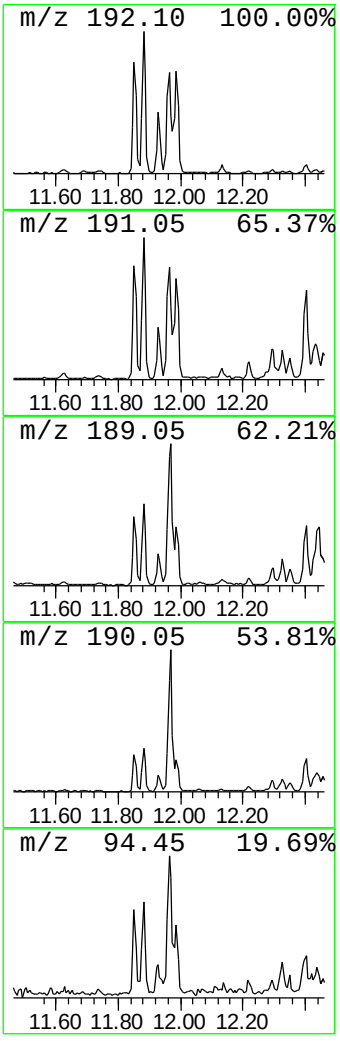
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	22.88 ng	568158	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49





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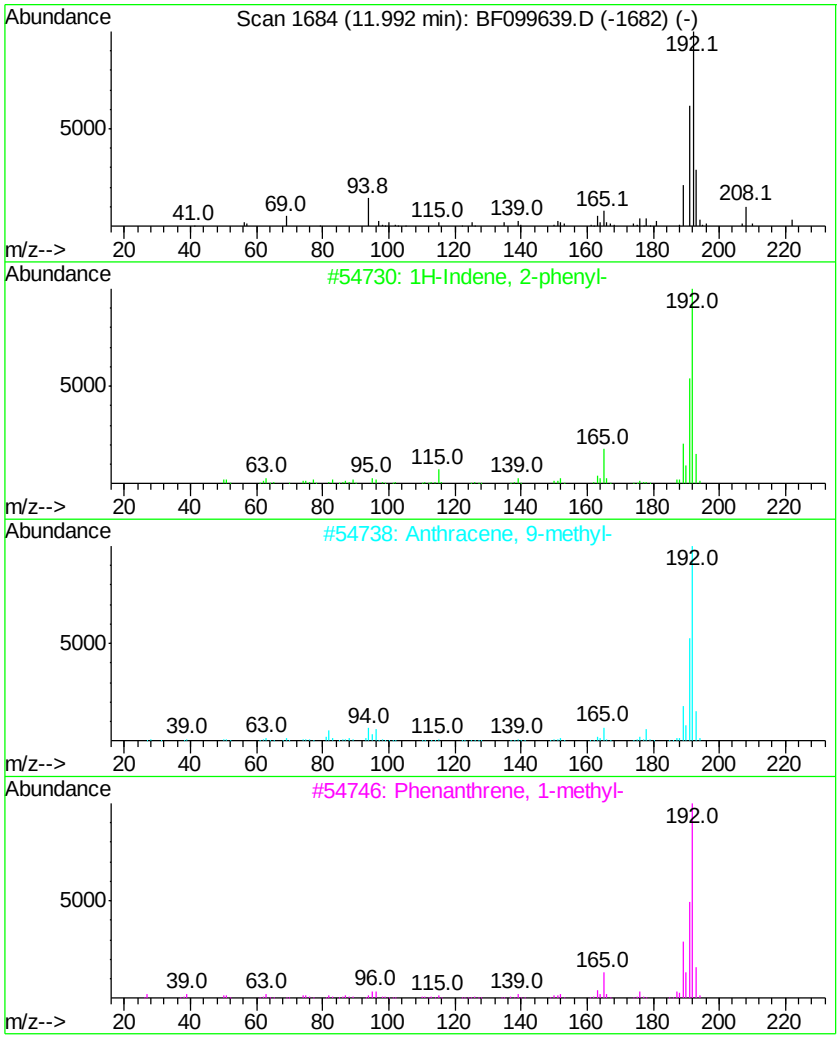
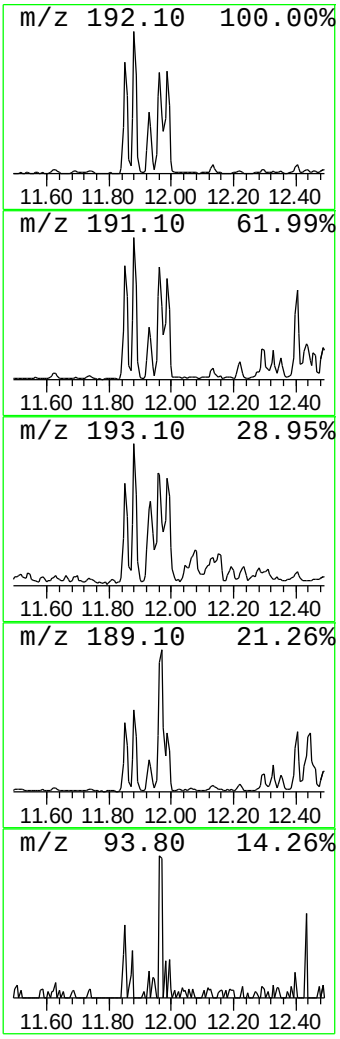
Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	9.46 ng	234861	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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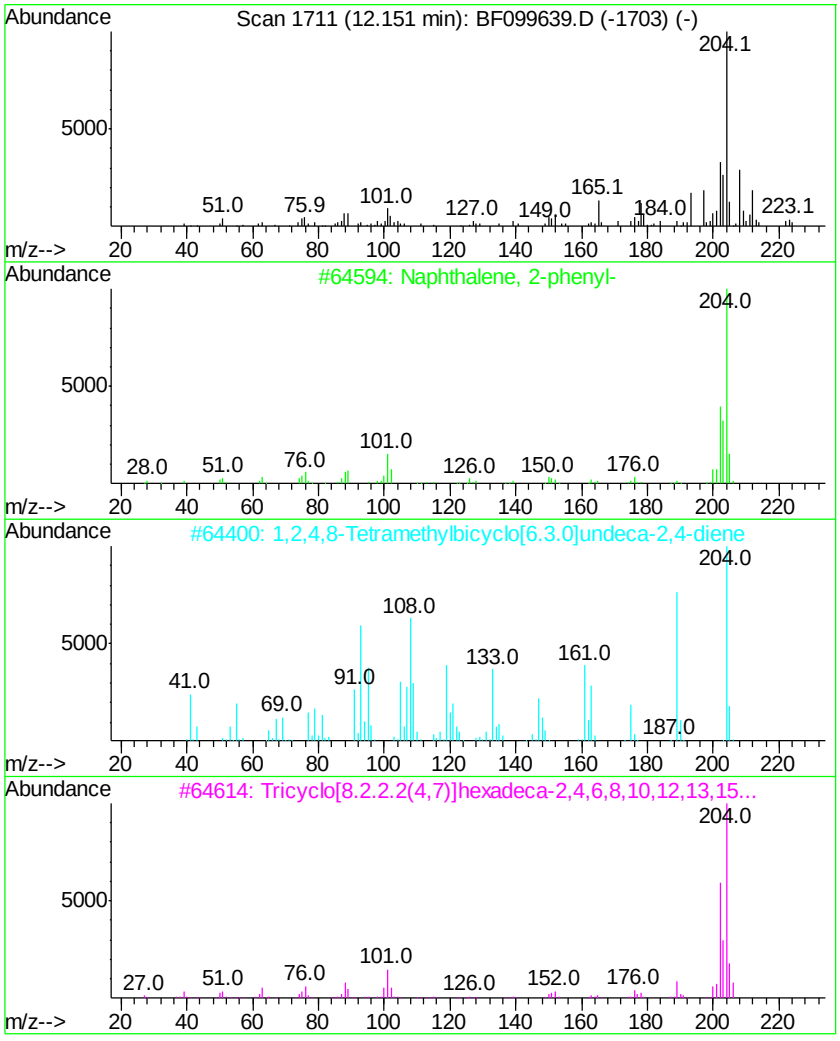
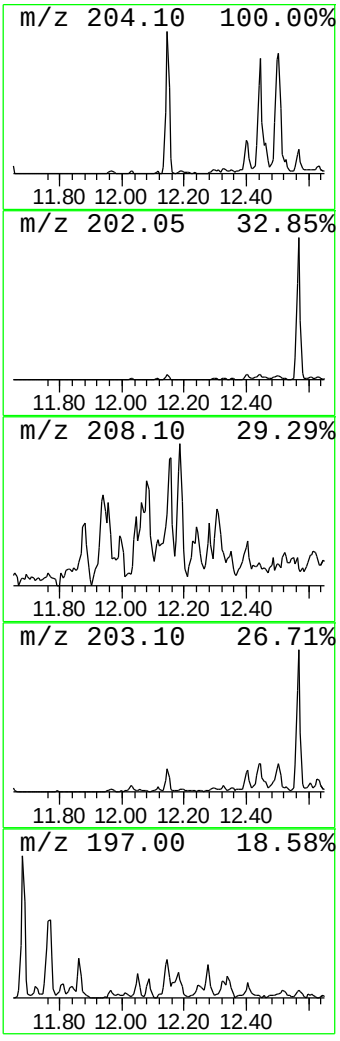
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	8.82 ng	219073	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	78
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	52
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50





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

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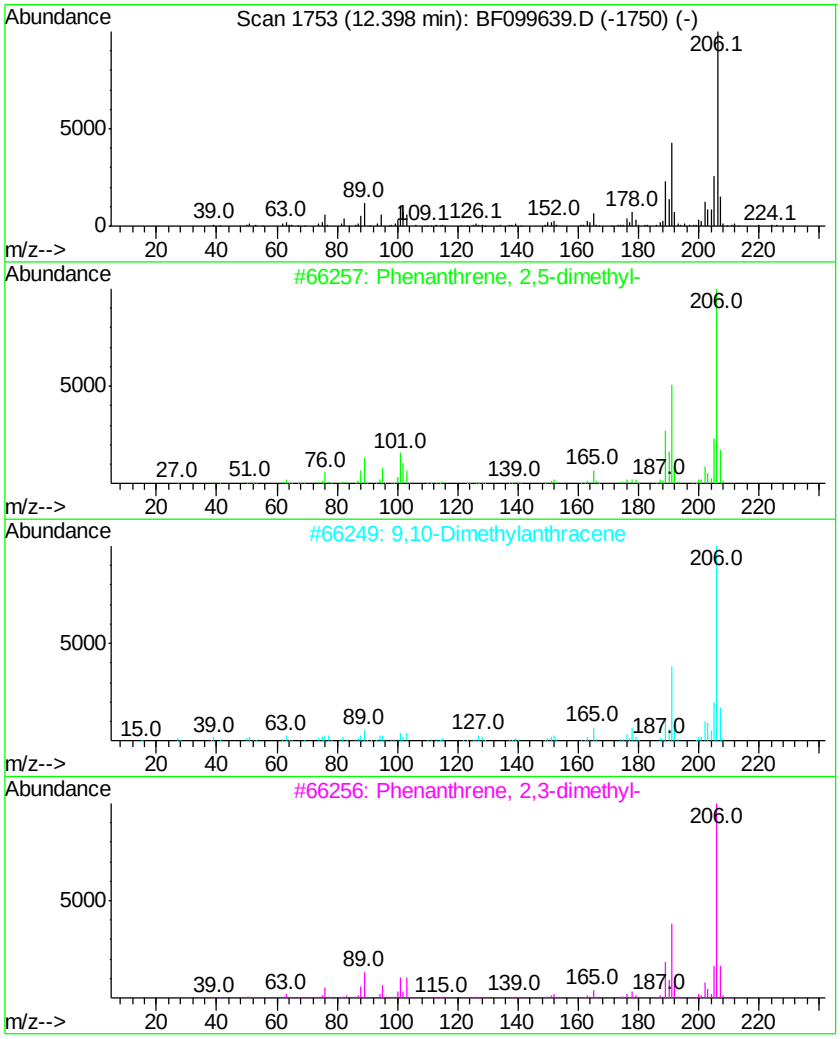
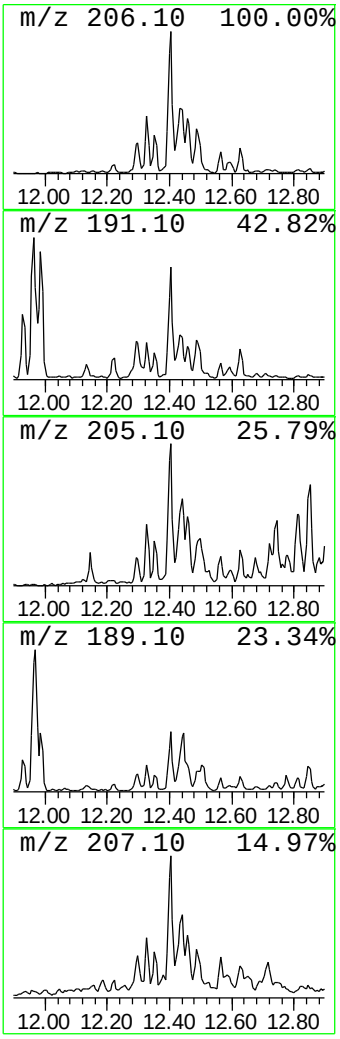
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	16.75 ng	415947	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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

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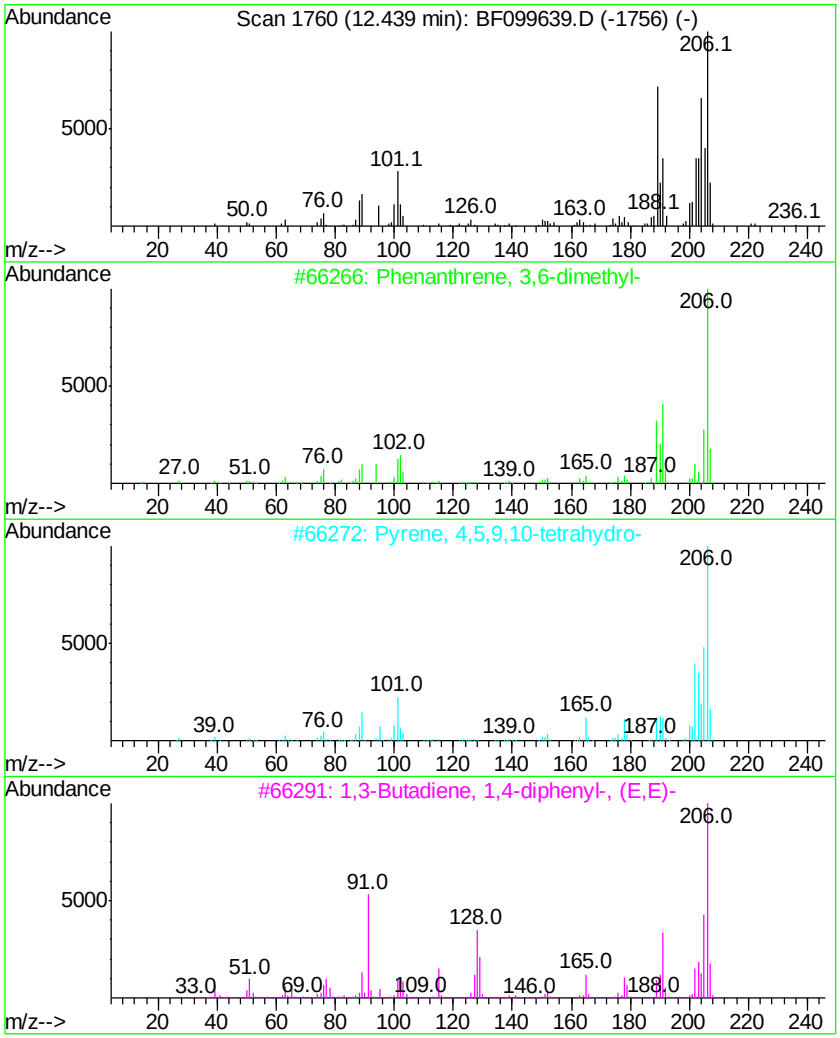
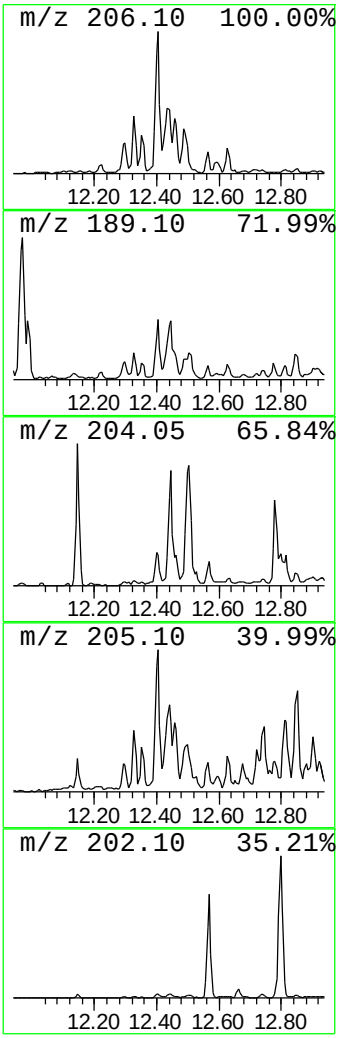
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	11.29 ng	280352	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	53
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	49
5	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	46





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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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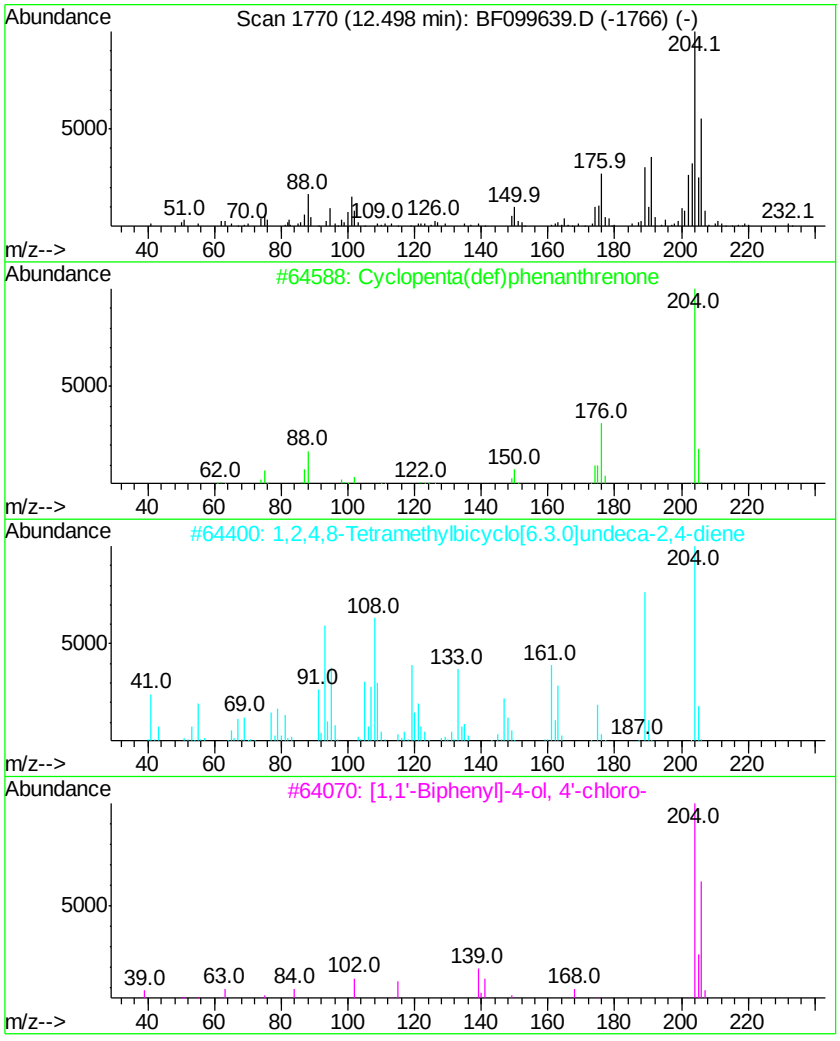
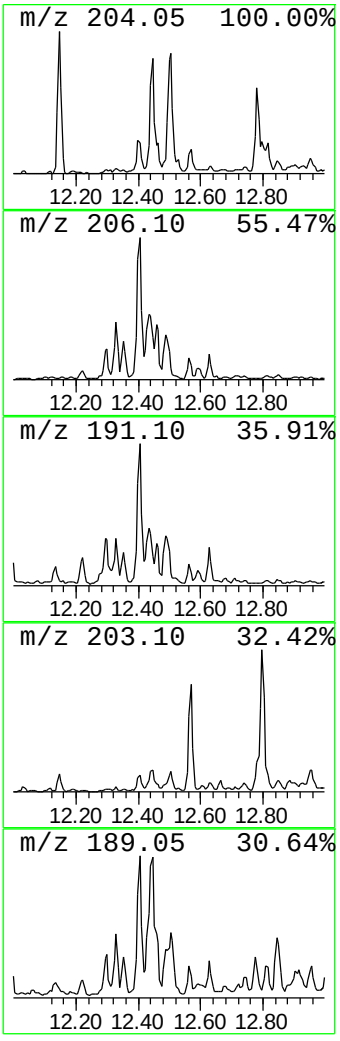
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	13.81 ng	342940	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	45
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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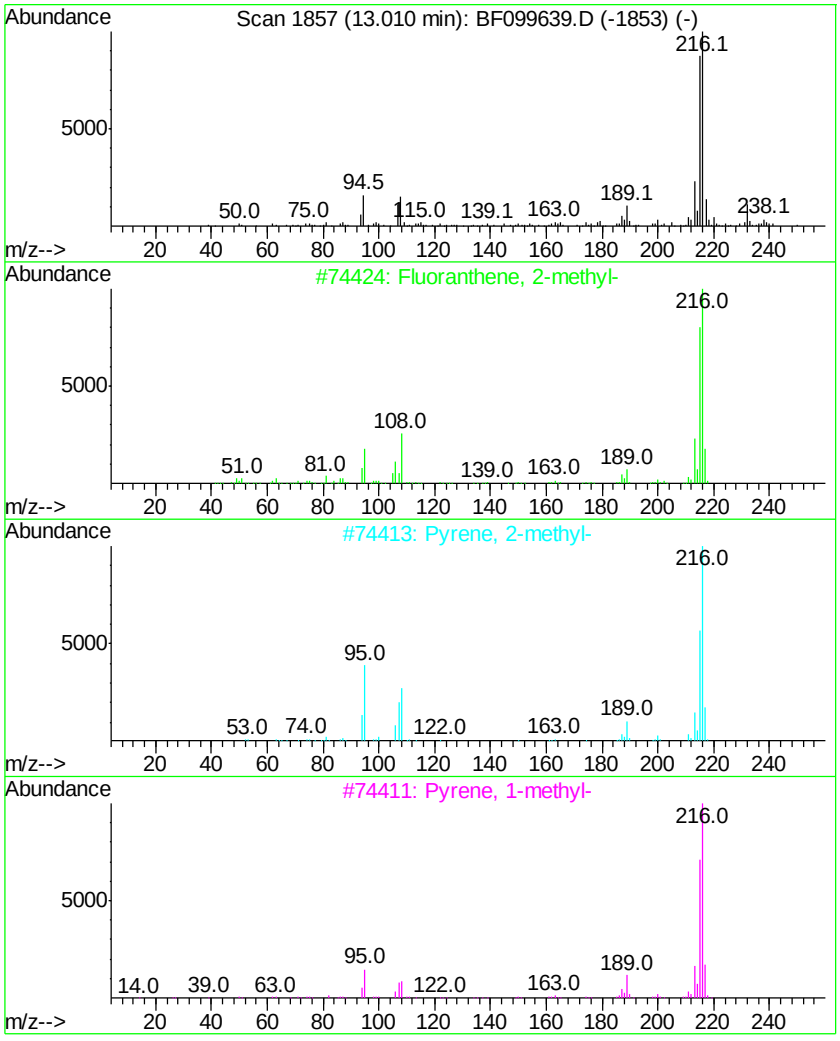
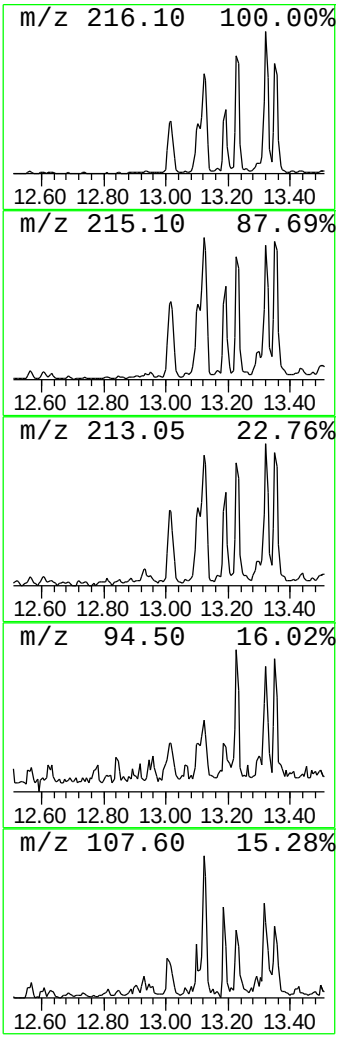
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	5.98 ng	324958	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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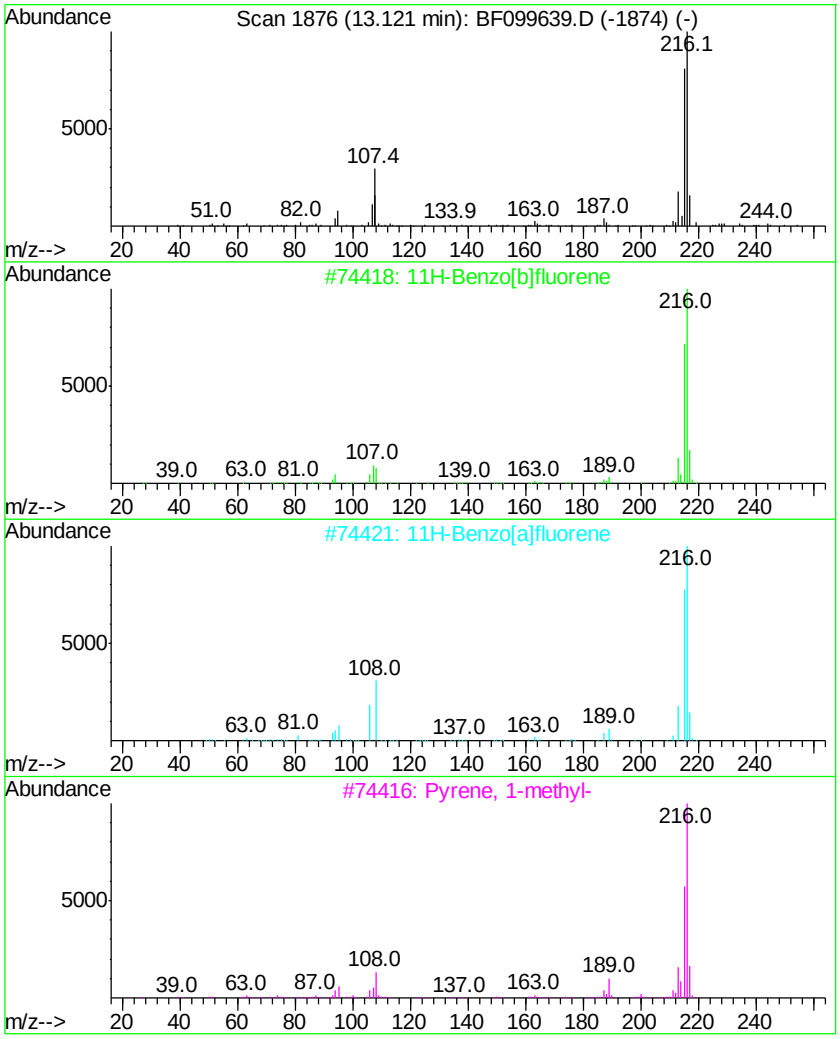
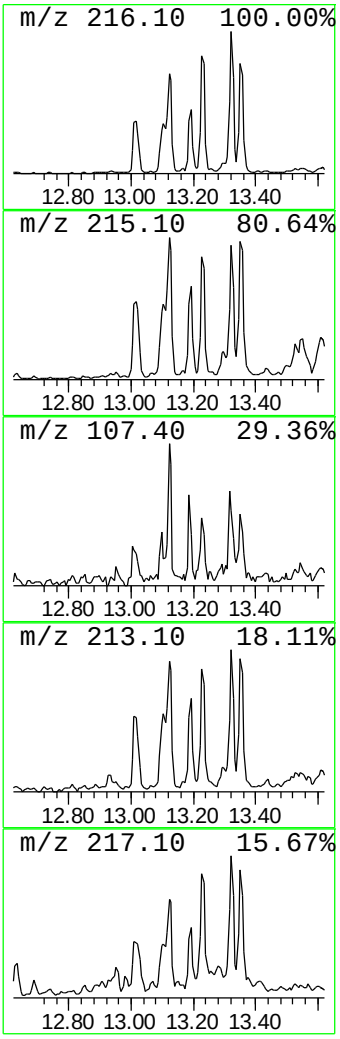
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	4.98 ng	270824	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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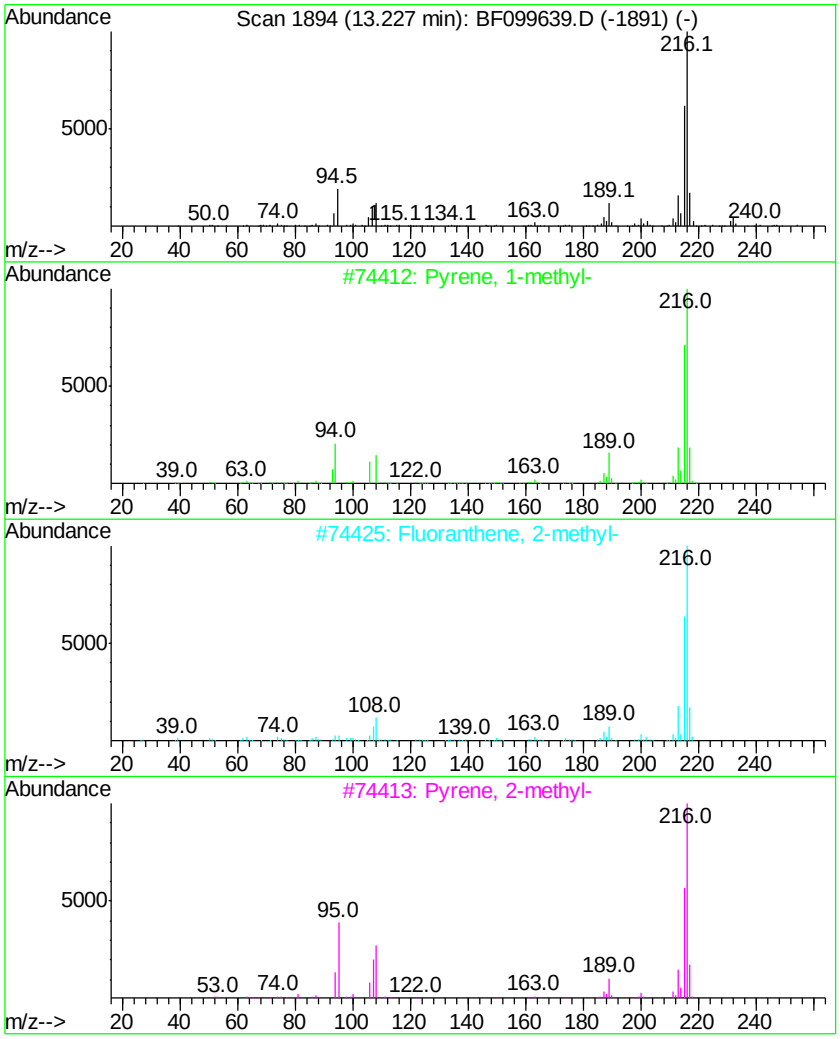
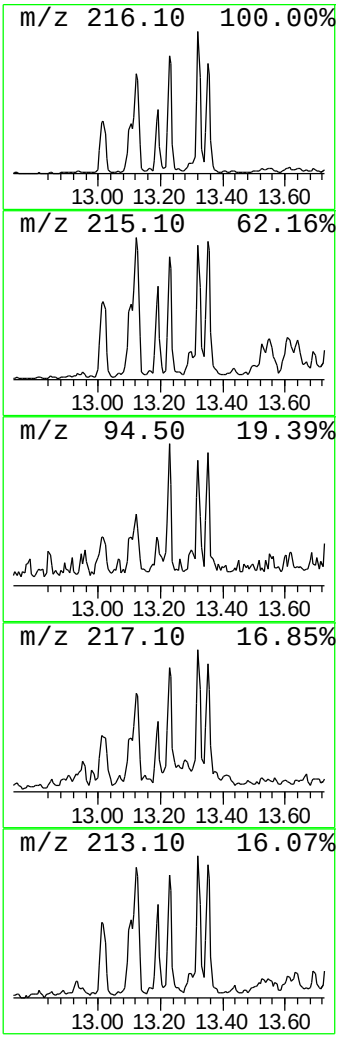
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	5.26 ng	285839	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94





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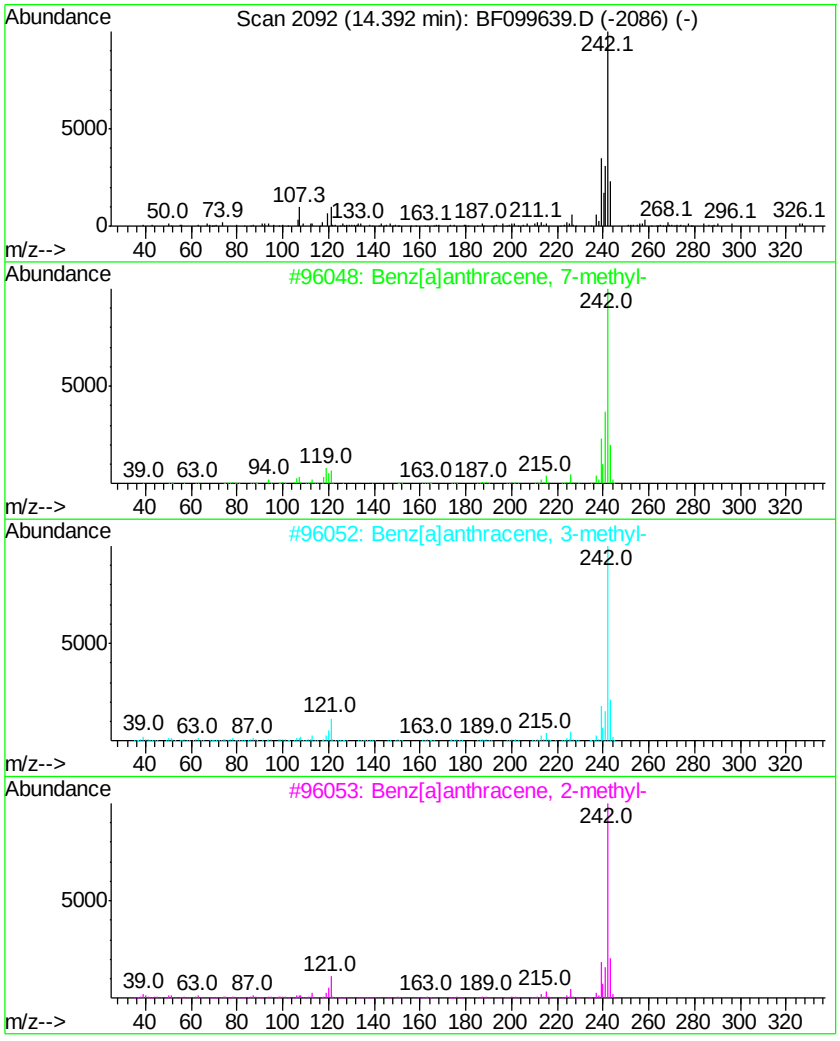
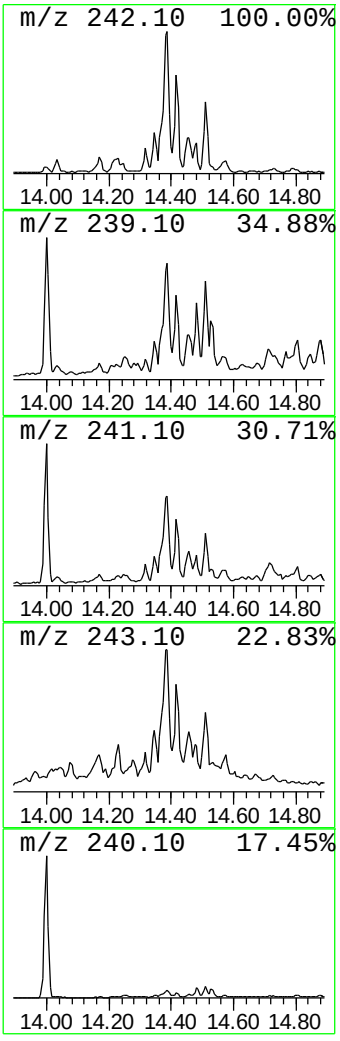
Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	5.09 ng	276615	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	93
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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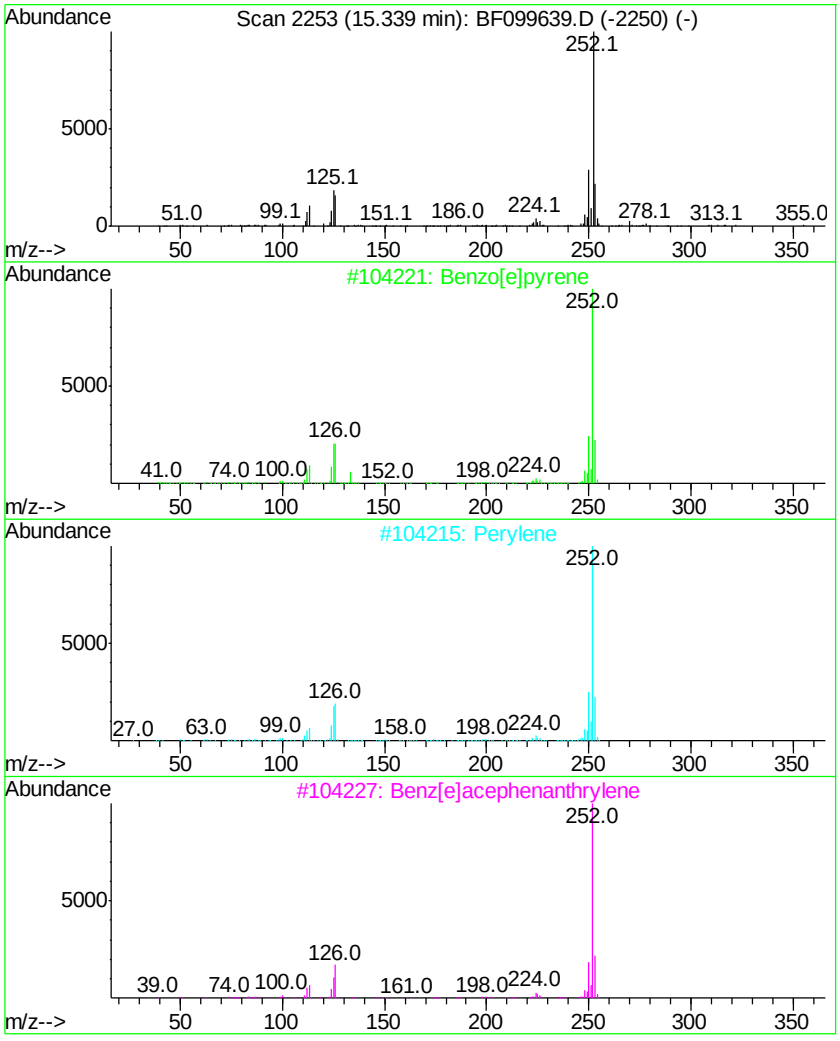
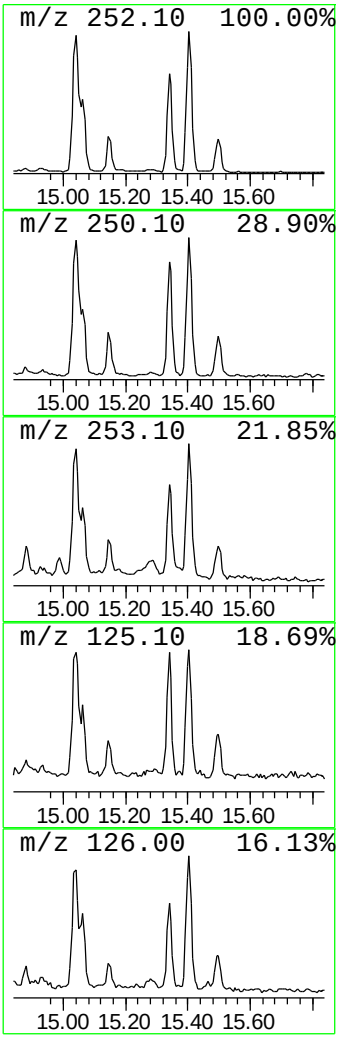
Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	12.75 ng	211693	Perylene-d12	15.47

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	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101817\
Data File : BF099639.D
Acq On : 19 Oct 2017 1:24
Operator : SJ/JU
Sample : I5935-10 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
unknown6.60	6.60	16.9	ng	424234	1	6.83	502099	20.0
Naphthalene, 2,3-...	9.52	5.8	ng	151258	3	9.86	525826	20.0
Naphthalene, 2,3,...	10.17	4.9	ng	128517	3	9.86	525826	20.0
9H-Fluorene, 3-me...	10.96	5.8	ng	144258	4	11.35	496696	20.0
1-Methyldibenzoth...	11.68	5.1	ng	126543	4	11.35	496696	20.0
Phenanthrene, 2-m...	11.85	13.6	ng	337196	4	11.35	496696	20.0
Anthracene, 2-met...	11.96	22.9	ng	568158	4	11.35	496696	20.0
1H-Indene, 2-phenyl-	11.99	9.5	ng	234861	4	11.35	496696	20.0
Naphthalene, 2-ph...	12.15	8.8	ng	219073	4	11.35	496696	20.0
Phenanthrene, 2,5...	12.40	16.8	ng	415947	4	11.35	496696	20.0
Phenanthrene, 3,6...	12.44	11.3	ng	280352	4	11.35	496696	20.0
Cyclopenta(def)ph...	12.50	13.8	ng	342940	4	11.35	496696	20.0
Fluoranthene, 2-m...	13.01	6.0	ng	324958	5	14.00	1087690	20.0
11H-Benzo[b]fluorene	13.12	5.0	ng	270824	5	14.00	1087690	20.0
Pyrene, 1-methyl-	13.23	5.3	ng	285839	5	14.00	1087690	20.0
Benz[a]anthracene...	14.39	5.1	ng	276615	5	14.00	1087690	20.0
Benzo[e]pyrene	15.34	12.8	ng	211693	6	15.47	332108	20.0