LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119741.D
Acq On : 4 Apr 2020 3:32
Operator : MA/SJ
Sample : L2129-36
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

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-BF031820.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	5.422	557	567	570	rBV	5847031	6585592	13.66%	1.160%
2	6.439	733	740	743	rVB	5257418	6425261	13.33%	1.132%
3	6.963	824	829	831	rBV	5829888	5137077	10.66%	0.905%
4	7.369	887	898	901	rBV	4101872	4533968	9.41%	0.799%
5	8.086	1015	1020	1022	rVV	1691028	1852526	3.84%	0.326%
6	8.110	1022	1024	1027	rVV	3148623	2414976	5.01%	0.425%
7	8.804	1135	1142	1145	rVB	3198716	2636209	5.47%	0.464%
8	8.904	1154	1159	1162	rVB	2118328	1854566	3.85%	0.327%
9	9.169	1199	1204	1207	rVB	7417313	6964856	14.45%	1.227%
10	9.269	1207	1221	1225	rBV3	1056675	1421619	2.95%	0.250%
11	9.433	1242	1249	1253	rBV	1255885	1837135	3.81%	0.324%
12	9.504	1253	1261	1263	rVV	2192242	2329670	4.83%	0.410%
13	9.845	1317	1319	1321	rVV	1634717	1421115	2.95%	0.250%
14	9.886	1321	1326	1328	rVV	8269978	7975766	16.55%	1.405%
15	10.057	1350	1355	1358	rVB	6451524	6976710	14.47%	1.229%
16	10.404	1408	1414	1417	rVV	7718522	8895080	18.45%	1.567%
17	10.463	1422	1424	1426	rVV	1902411	1801986	3.74%	0.317%
18	10.486	1426	1428	1430	rVV	2103094	1783250	3.70%	0.314%
19	10.557	1437	1440	1444	rVB	3513644	3296620	6.84%	0.581%
20	10.645	1444	1455	1458	rBV	6285957	8859037	18.38%	1.560%
21	10.686	1458	1462	1465	rVB2	1316075	1465544	3.04%	0.258%
22	10.763	1469	1475	1481	rVB2	1412894	1967660	4.08%	0.347%
23	10.945	1498	1506	1509	rBV3	2801919	4834035	10.03%	0.851%
24	11.074	1526	1528	1530	rVV	1440575	1519710	3.15%	0.268%
25	11.098	1530	1532	1534	rVV	1812158	1621521	3.36%	0.286%
26	11.157	1538	1542	1545	rVB	2581659	3171437	6.58%	0.559%
27	11.198	1545	1549	1553	rBV2	3997733	5686014	11.80%	1.001%
28	11.239	1553	1556	1564	rVB	5262142	5794600	12.02%	1.021%
29	11.410	1565	1585	1587	rBV	14491444	48203593	100.00%	8.490%
30	11.451	1587	1592	1593	rVV	10555471	13286595	27.56%	2.340%
31	11.463	1593	1594	1598	rVB	3061944	1949214	4.04%	0.343%
32	11.586	1607	1615	1621	rBV2	7313212	12416888	25.76%	2.187%
33	11.639	1621	1624	1628	rBV3	1747389	1533167	3.18%	0.270%
34	11.674	1628	1630	1635	rVB4	1504077	1849839	3.84%	0.326%

LSC Area Percent Report

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Instrument : BNA_F
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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.757	1641	1644	1647	rVB2	1379649	1528451	3.17%	0.269%
36	11.851	1655	1660	1663	rBV	6407402	9068691	18.81%	1.597%
37	11.886	1663	1666	1669	rVB2	8827216	10516458	21.82%	1.852%
38	11.933	1669	1674	1677	rBV	4636038	5042902	10.46%	0.888%
39	11.974	1677	1681	1683	rBV2	8382422	11621277	24.11%	2.047%
40	11.992	1683	1684	1687	rVB	6015178	4082498	8.47%	0.719%
41	12.027	1687	1690	1692	rBV2	1366544	1510010	3.13%	0.266%
42	12.051	1692	1694	1697	rVB2	1777781	1632090	3.39%	0.287%
43	12.145	1706	1710	1713	rVB	5368612	4877026	10.12%	0.859%
44	12.186	1713	1717	1720	rVB	2642698	3169735	6.58%	0.558%
45	12.292	1730	1735	1737	rBV2	2512187	2741236	5.69%	0.483%
46	12.321	1737	1740	1742	rBV	2106382	1822852	3.78%	0.321%
47	12.345	1742	1744	1749	rVB	1681338	1684977	3.50%	0.297%
48	12.398	1749	1753	1756	rBV	3740386	5235803	10.86%	0.922%
49	12.439	1756	1760	1766	rVB3	2371223	3727811	7.73%	0.657%
50	12.610	1777	1789	1791	rBV	12714043	35824535	74.32%	6.310%
51	12.633	1791	1793	1797	rVB2	1902979	1876786	3.89%	0.331%
52	12.721	1804	1808	1812	rBV3	3275546	4078923	8.46%	0.718%
53	12.821	1814	1825	1827	rBV2	13014062	31674762	65.71%	5.579%
54	12.857	1829	1831	1834	rVB	4896209	3897183	8.08%	0.686%
55	12.921	1837	1842	1843	rBV	4370295	4813487	9.99%	0.848%
56	12.939	1843	1845	1847	rVV	4305195	3834813	7.96%	0.675%
57	12.963	1847	1849	1852	rVB	3448827	3211989	6.66%	0.566%
58	13.021	1852	1859	1862	rBV2	4362374	8319997	17.26%	1.465%
59	13.133	1869	1878	1881	rVB2	6246667	12714145	26.38%	2.239%
60	13.198	1885	1889	1891	rBV	4204913	4144799	8.60%	0.730%
61	13.233	1891	1895	1898	rBV2	5531961	7370281	15.29%	1.298%
62	13.327	1907	1911	1913	rBV	3235157	3251244	6.74%	0.573%
63	13.357	1913	1916	1919	rVV2	3513629	3537654	7.34%	0.623%
64	13.504	1937	1941	1943	rBV3	1228808	1729596	3.59%	0.305%
65	13.551	1946	1949	1951	rVB	1983739	1893020	3.93%	0.333%
66	13.610	1955	1959	1961	rBV3	1096066	1598212	3.32%	0.281%
67	13.639	1961	1964	1968	rVB	3538855	3976954	8.25%	0.700%
68	13.751	1978	1983	1985	rBV2	3678161	5633915	11.69%	0.992%
69	13.774	1985	1987	1990	rVB	3205502	2836555	5.88%	0.500%
70	13.804	1990	1992	1997	rVB3	2537590	3404893	7.06%	0.600%
71	13.863	2000	2002	2006	rVB	3070203	2983104	6.19%	0.525%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-6

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.910	2006	2010	2016	rVB	1195329	1892177	3.93%	0.333%
73	14.010	2017	2027	2030	rBV2	9213803	25918279	53.77%	4.565%
74	14.121	2043	2046	2049	rVV	2834347	2921619	6.06%	0.515%
75	14.157	2049	2052	2054	rVV3	1225850	1908726	3.96%	0.336%
76	14.192	2056	2058	2061	rVV	2430537	2777202	5.76%	0.489%
77	14.233	2061	2065	2067	rVV2	3245313	4455234	9.24%	0.785%
78	14.263	2067	2070	2072	rVV3	1396234	1503115	3.12%	0.265%
79	14.345	2082	2084	2086	rVV	1574863	1784162	3.70%	0.314%
80	14.392	2088	2092	2094	rVV	5279460	6809953	14.13%	1.199%
81	14.421	2094	2097	2101	rVV2	3409211	4394808	9.12%	0.774%
82	14.468	2101	2105	2106	rVV3	2024377	3094418	6.42%	0.545%
83	14.515	2110	2113	2114	rVV	3114786	3056310	6.34%	0.538%
84	14.533	2114	2116	2120	rVV3	2783807	3243058	6.73%	0.571%
85	14.580	2120	2124	2130	rVV3	2307489	3428559	7.11%	0.604%
86	14.698	2141	2144	2152	rBV5	1281662	2635976	5.47%	0.464%
87	14.798	2158	2161	2166	rVB2	1089794	1584255	3.29%	0.279%
88	14.886	2171	2176	2179	rBV2	1674259	2514237	5.22%	0.443%
89	15.074	2197	2208	2211	rBV2	7646813	22919008	47.55%	4.037%
90	15.162	2219	2223	2226	rVB	3139474	3164136	6.56%	0.557%
91	15.233	2232	2235	2237	rBV2	1132243	1535450	3.19%	0.270%
92	15.368	2249	2258	2262	rBV	4816726	10122234	21.00%	1.783%
93	15.445	2262	2271	2274	rVB	6890707	14171334	29.40%	2.496%
94	15.521	2279	2284	2288	rVB2	3242054	5249274	10.89%	0.925%
95	16.733	2484	2490	2494	rBV3	751966	1714145	3.56%	0.302%
96	16.962	2515	2529	2532	rBV2	3252301	9151922	18.99%	1.612%
97	17.104	2545	2553	2558	rBV	1273965	3036358	6.30%	0.535%
98	17.162	2558	2563	2567	rBV2	820114	1513178	3.14%	0.267%
99	17.403	2590	2604	2611	rBV2	2343701	7292084	15.13%	1.284%
100	17.609	2632	2639	2651	rVB2	1016931	2815645	5.84%	0.496%

Sum of corrected areas: 567778356

LSC Report - Integrated Chromatogram

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Acq On : 4 Apr 2020 3:32
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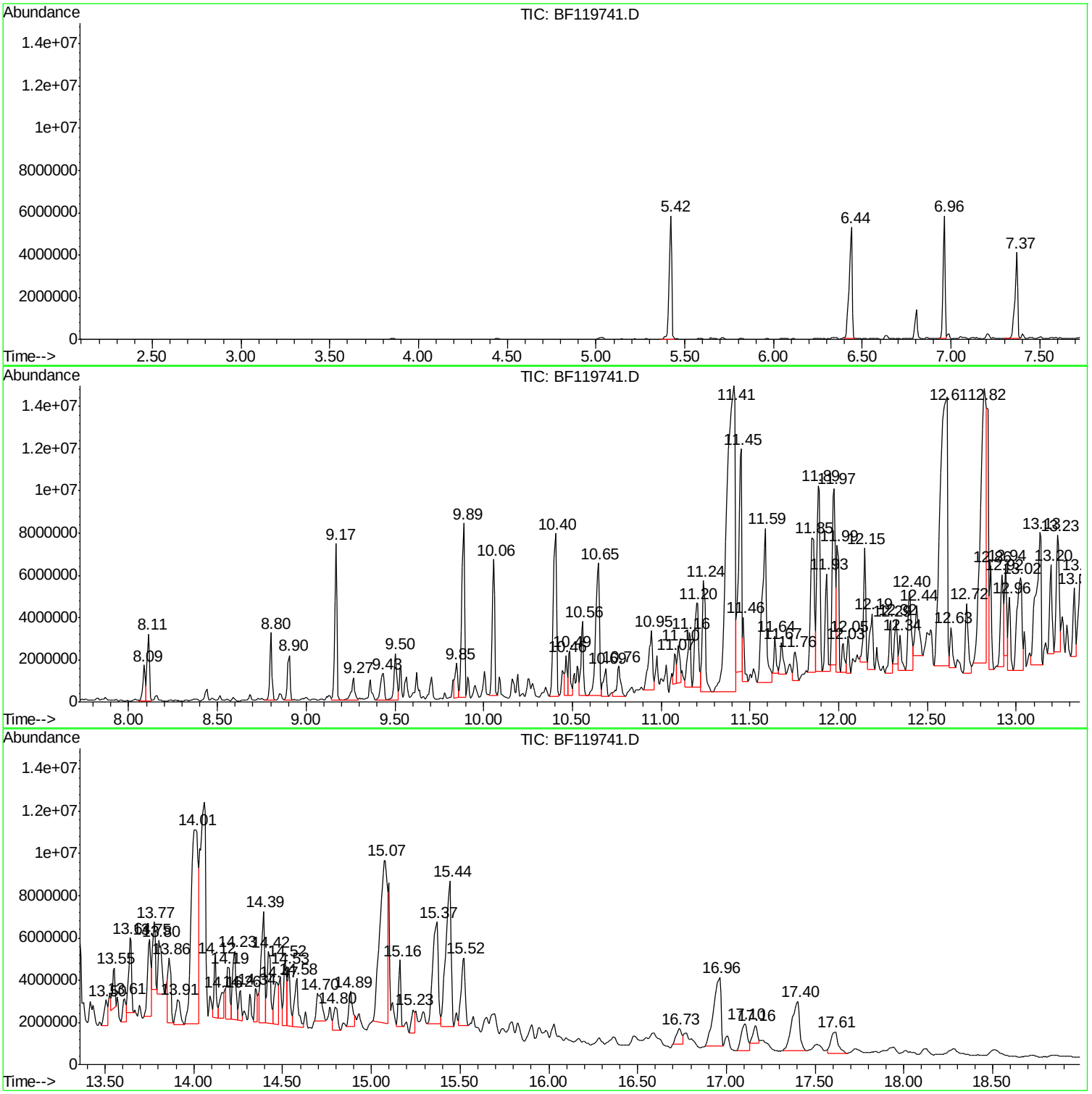
Sample : L2129-36
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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

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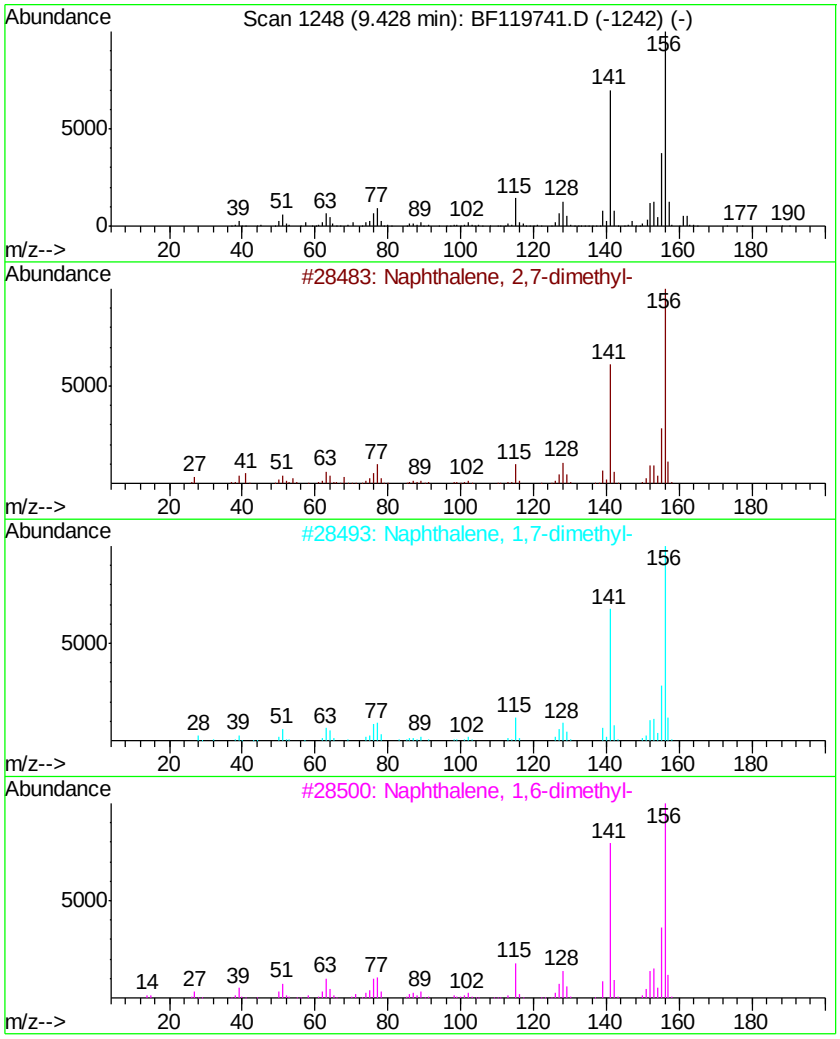
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

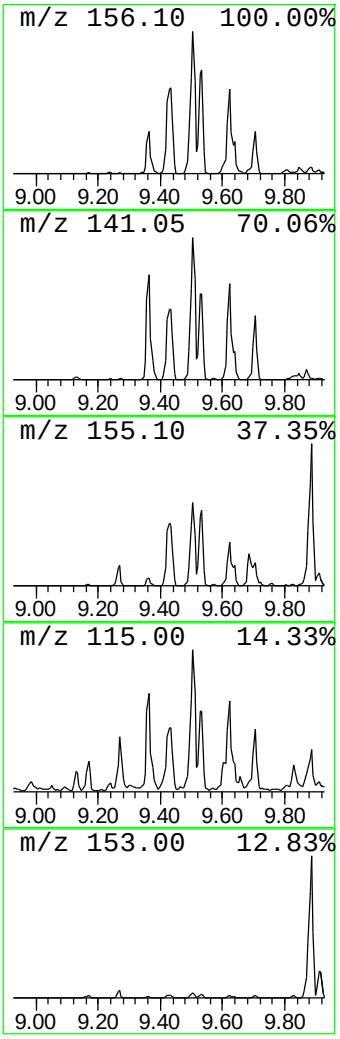
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	25.85 ng	1837140	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Operator : MA/SJ
Sample : L2129-36
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

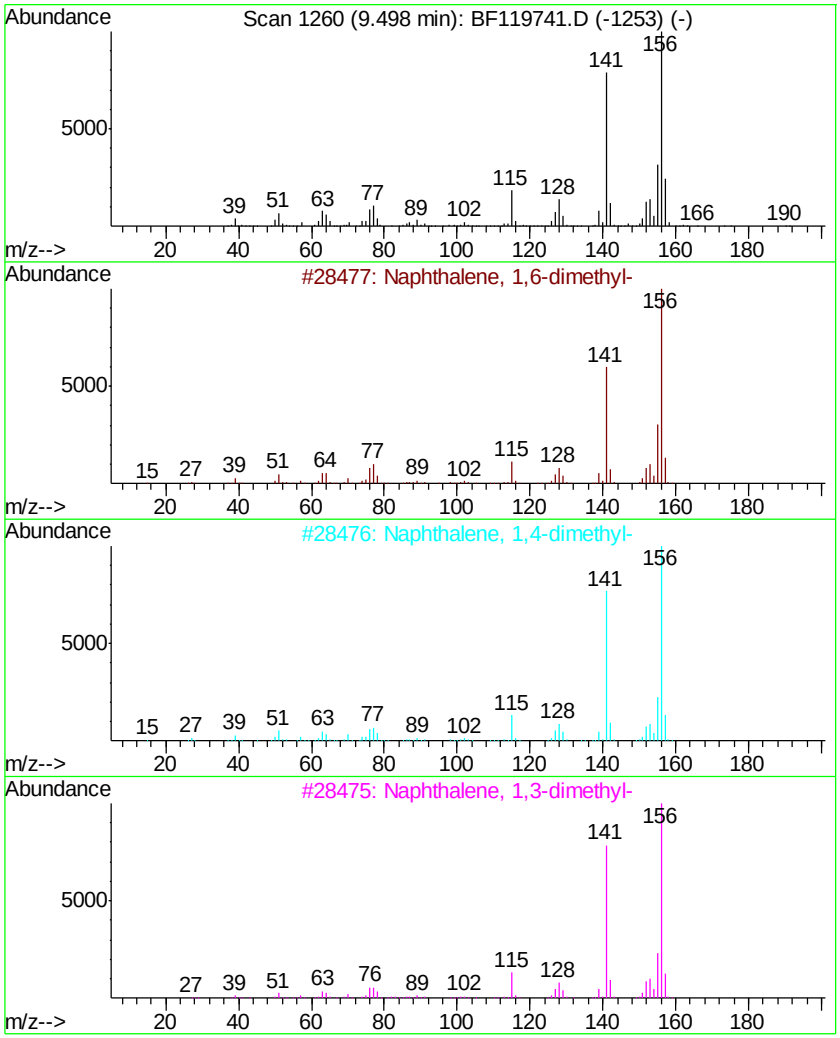
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

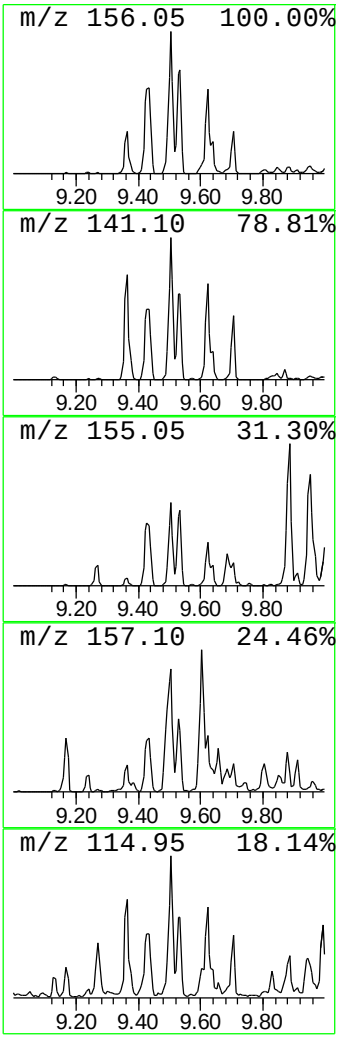
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	32.79 ng	2329670	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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TIC Library : C:\DATABASE\NIST11.L
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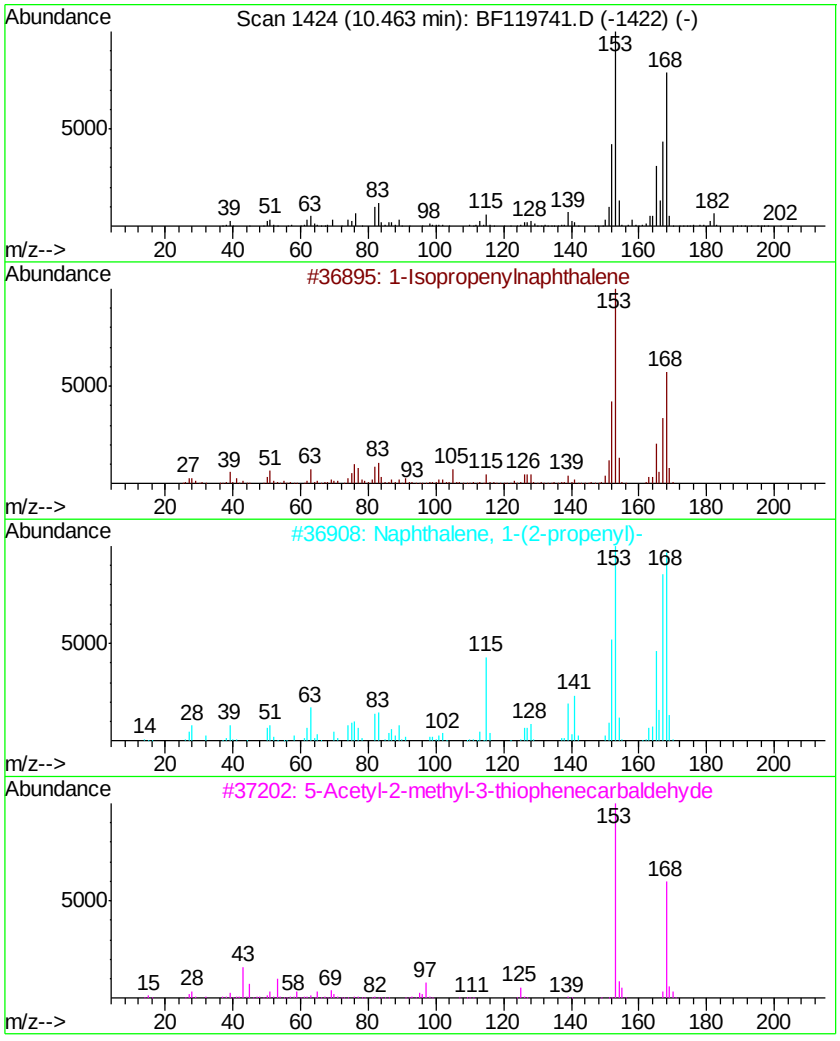
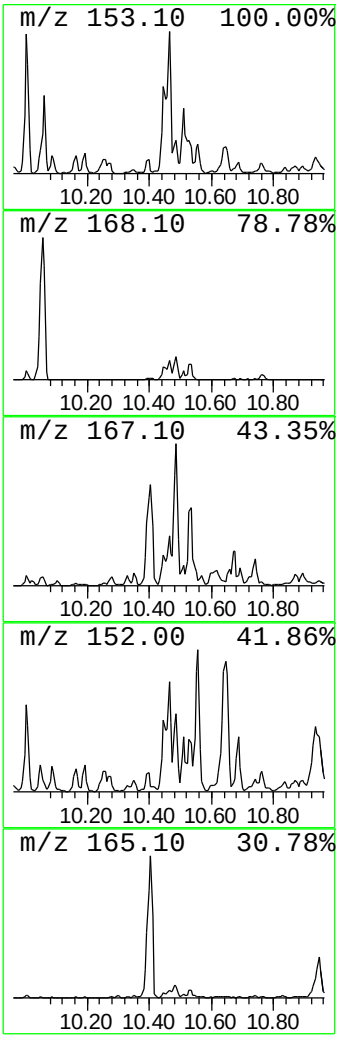
Peak Number 4 1-Isopropenylnaphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	25.36 ng	1801990	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
3	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	47
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	38





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Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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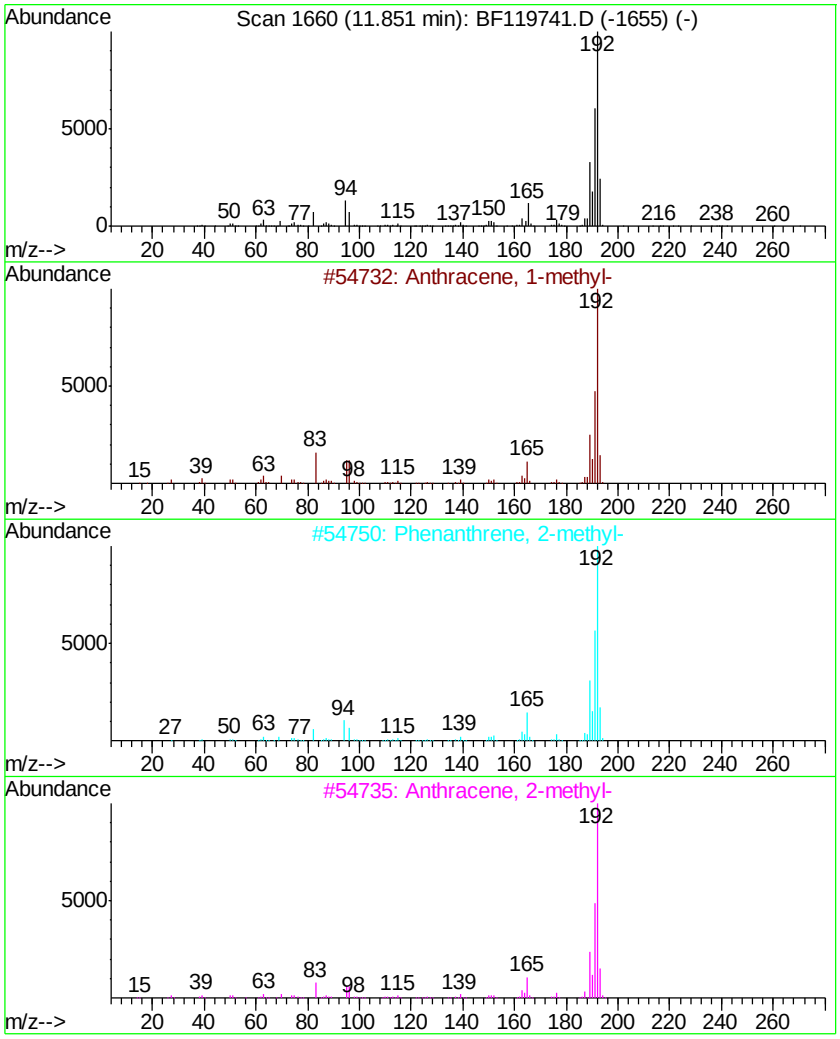
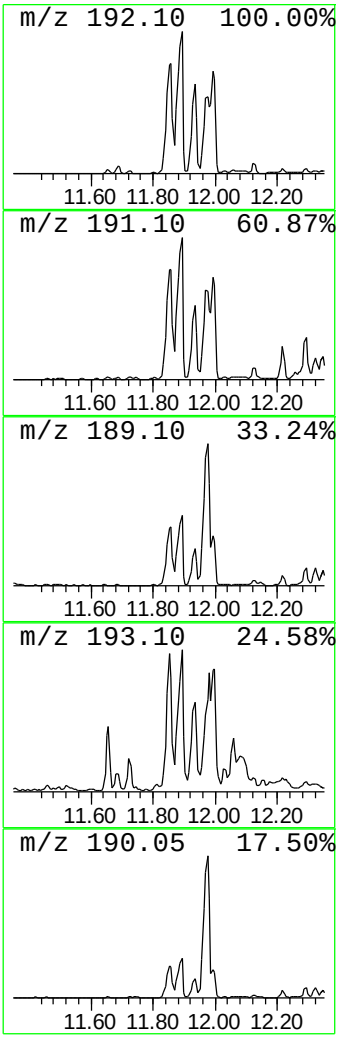
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.76 ng	9068690	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

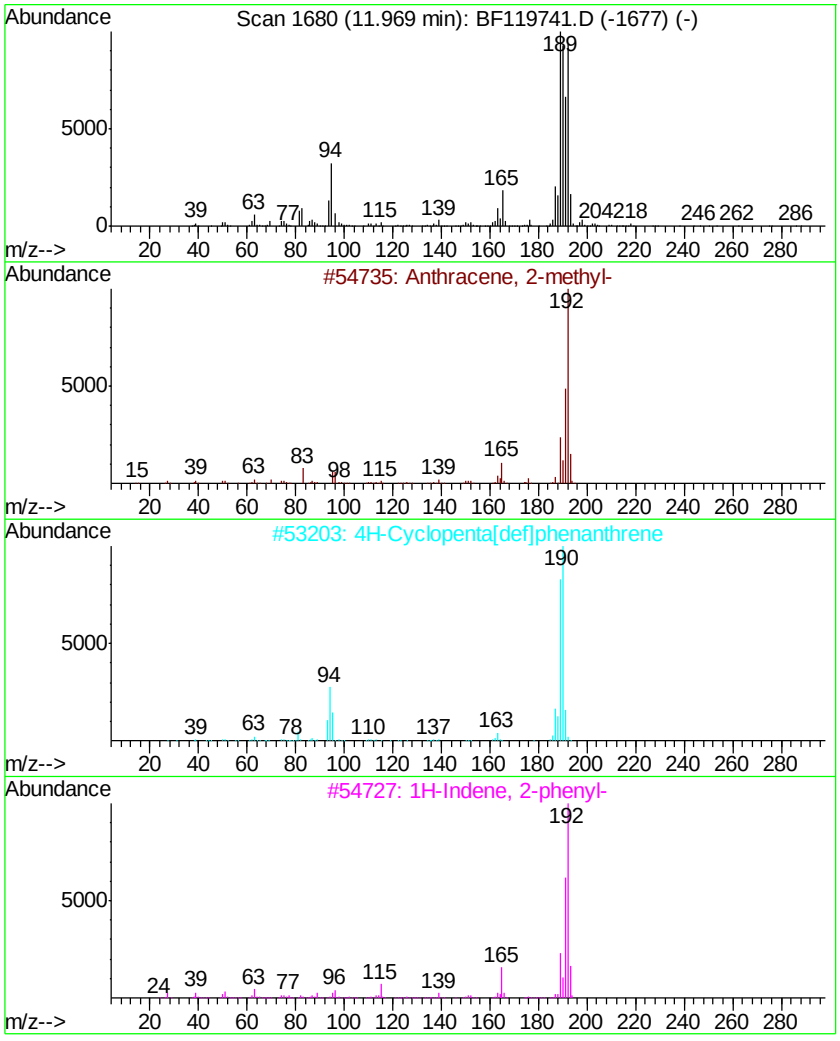
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

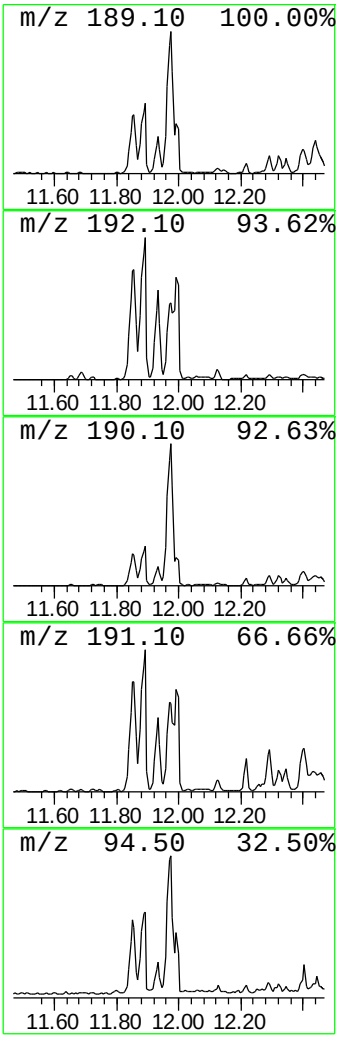
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.82 ng	11621300	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





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Sample : L2129-36
Misc :
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Instrument : BNA_F
ClientSampleId : TP-6

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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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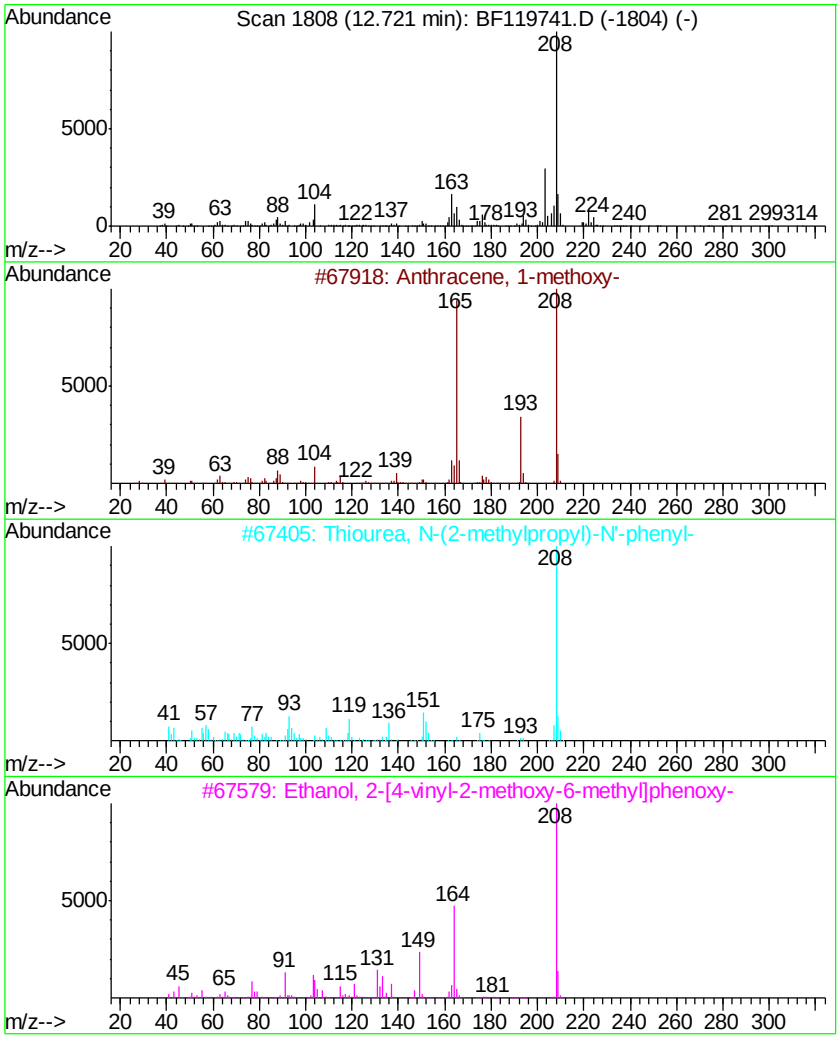
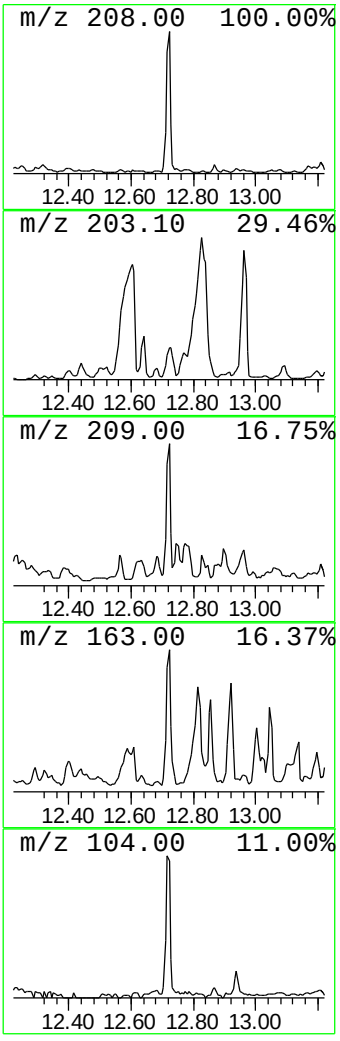
Peak Number 7 Anthracene, 1-methoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.15 ng	4078920	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methoxy-	208	C15H12O	054458-84-3	53
2	Thiourea, N-(2-methylpropyl)-N'-...	208	C11H16N2S	016275-53-9	53
3	Ethanol, 2-[4-vinyl-2-methoxy-6-...	208	C12H16O3	1000132-26-4	50
4	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	50
5	Thiourea, N-(1-methylpropyl)-N'-...	208	C11H16N2S	015093-37-5	50





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ClientSampleId : TP-6

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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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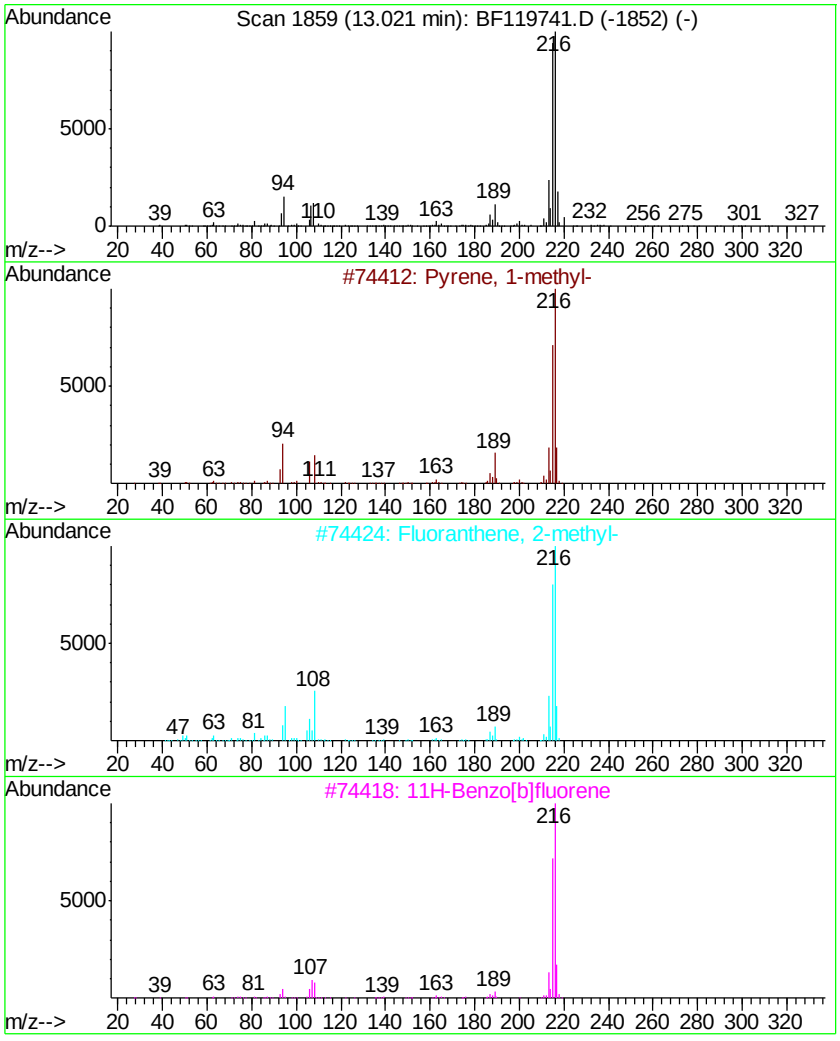
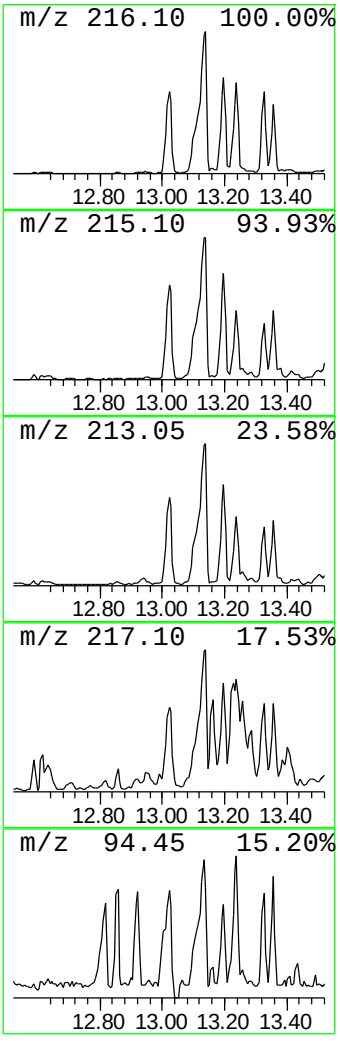
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	6.42 ng	8320000	Chrysene-d12	14.02

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	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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

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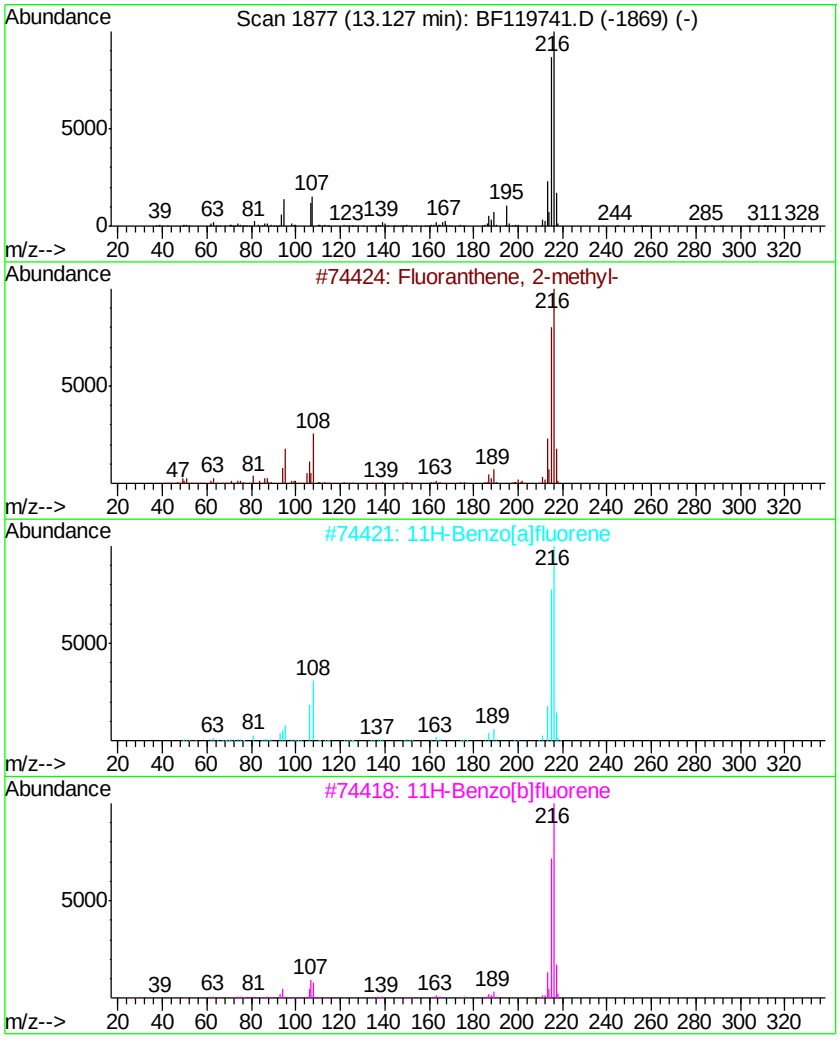
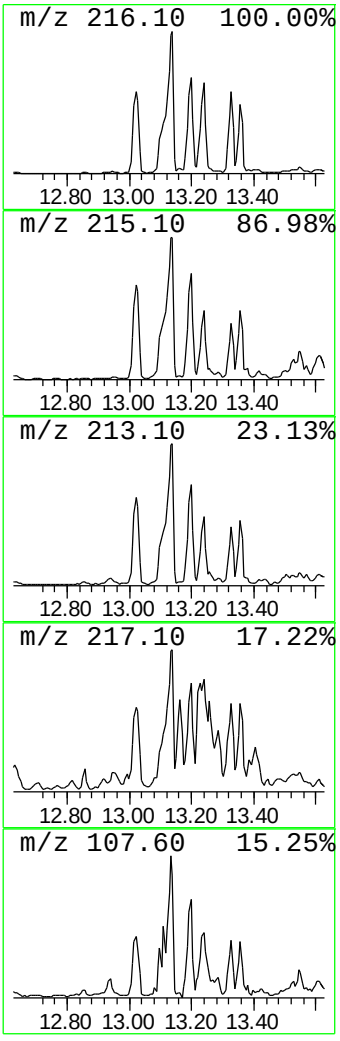
Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	9.81 ng	12714100	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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

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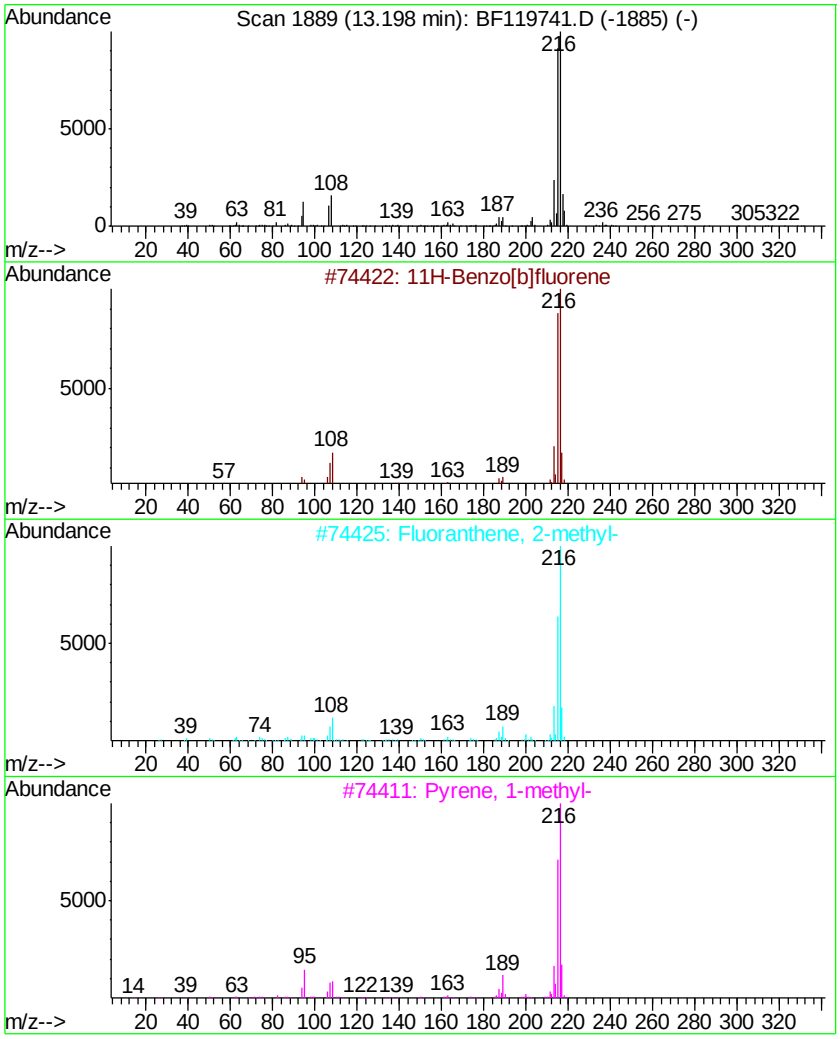
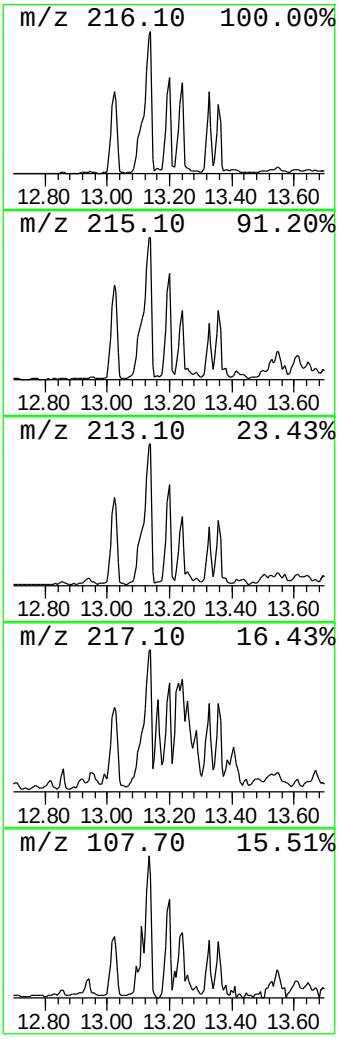
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	3.20 ng	4144800	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Sample : L2129-36
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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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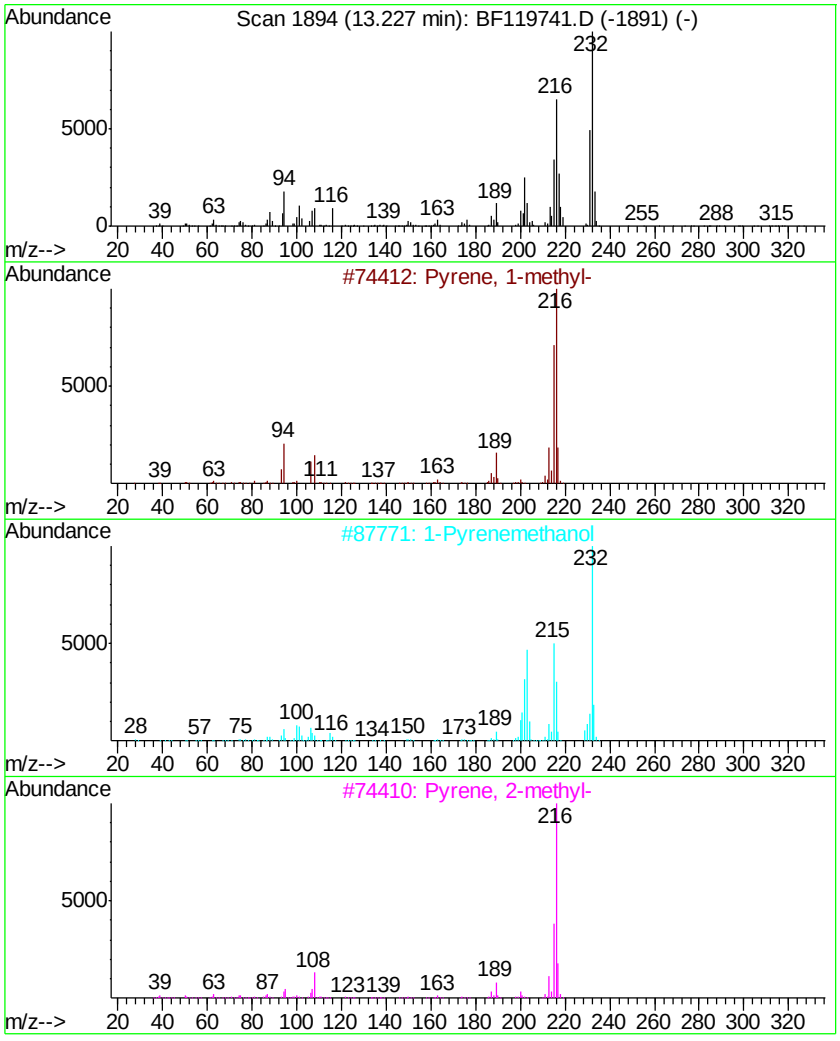
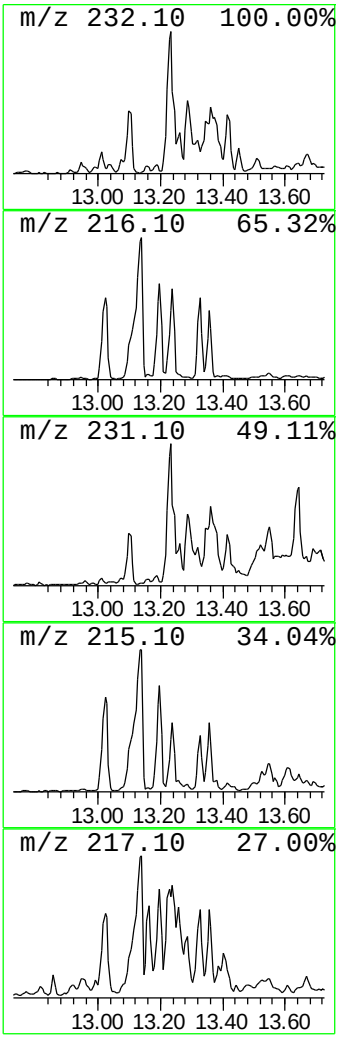
Peak Number 11 1-Pyrenemethanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	5.69 ng	7370280	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	1-Pyrenemethanol	232	C17H12O	024463-15-8	55
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	49
4	1-benzyl-3-methylnaphthalene	232	C18H16	1000379-93-5	49
5	1,4-Dimethyl-2-phenyl-naphthalene	232	C18H16	051036-91-0	49





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

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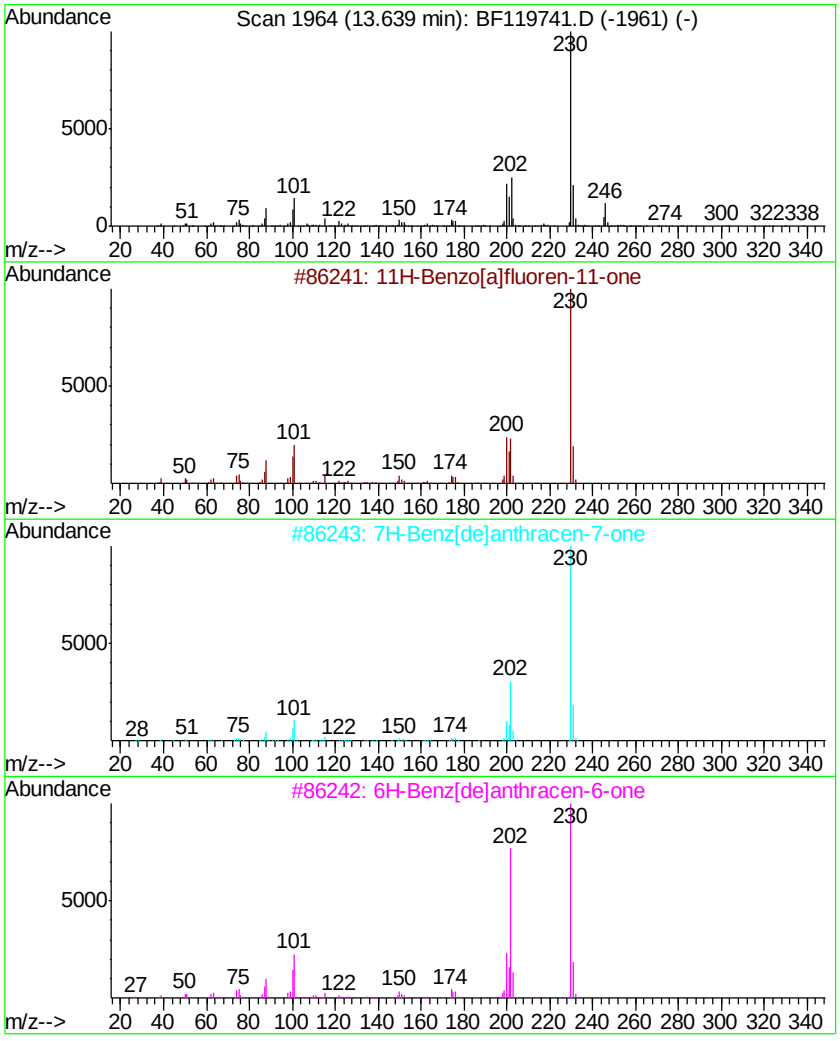
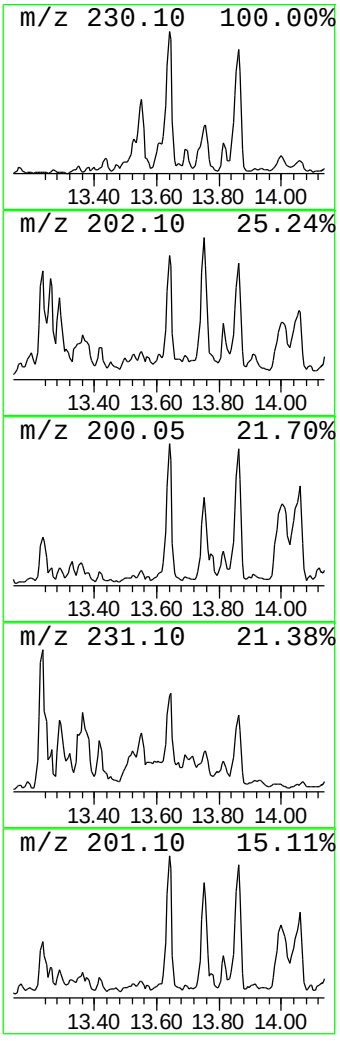
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.07 ng	3976950	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50





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ClientSampleId : TP-6

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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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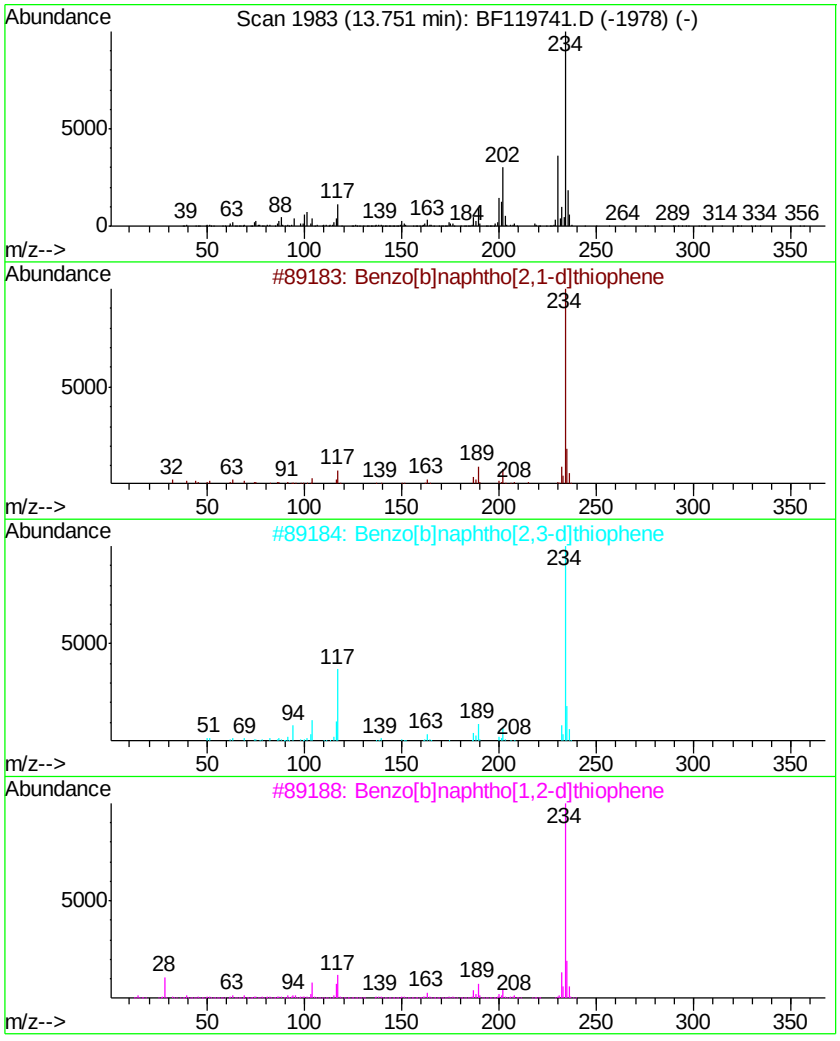
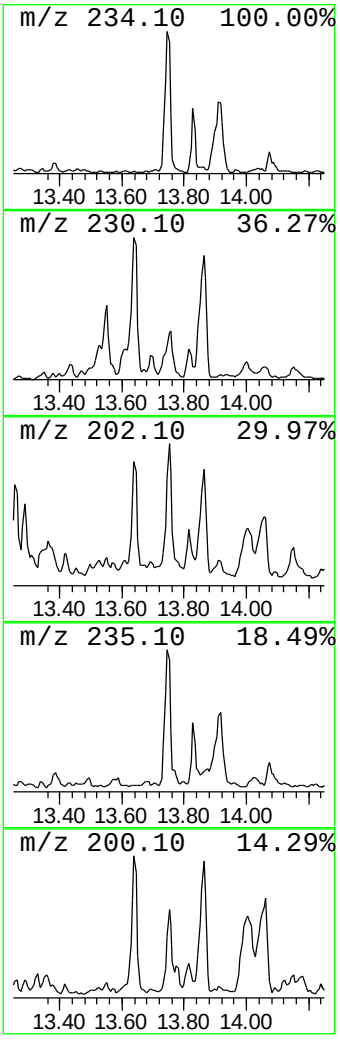
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.35 ng	5633920	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
4	Anthra[1,9a,9-cd:5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	38
5	Bicyclo[3.1.0]hexane, 1,6-diphenyl-	234	C18H18	056143-23-8	37





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TIC Integration Parameters: LSCINT.P

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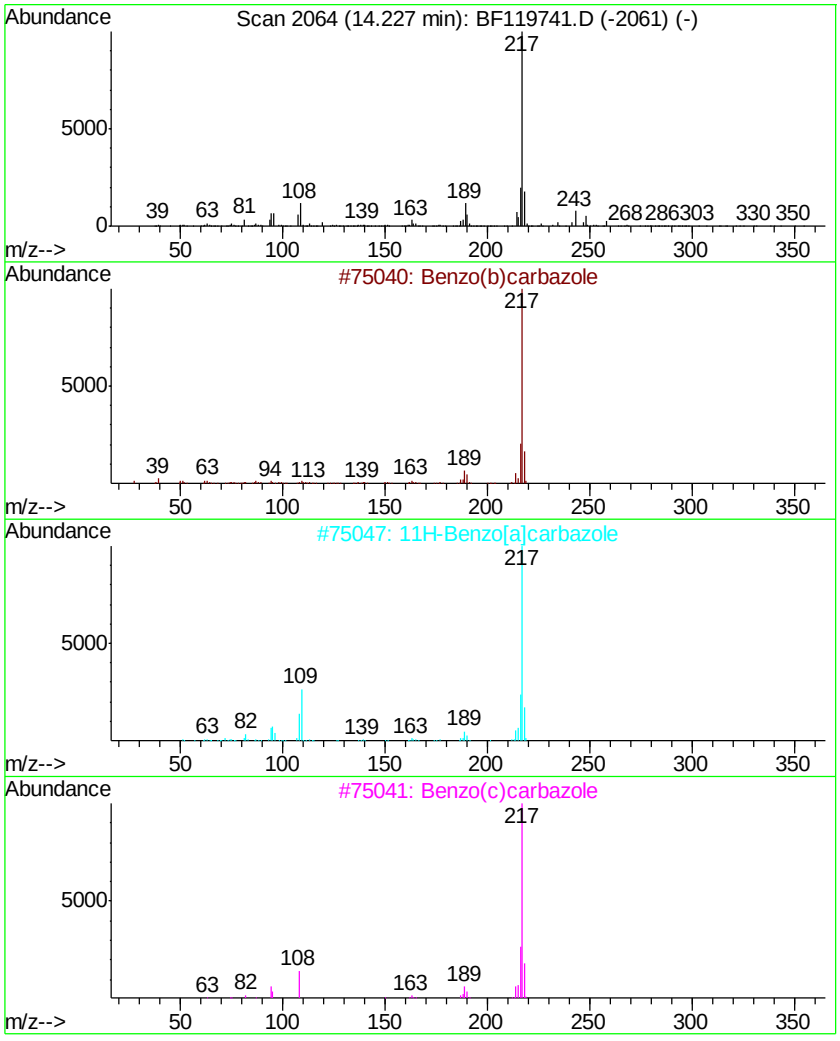
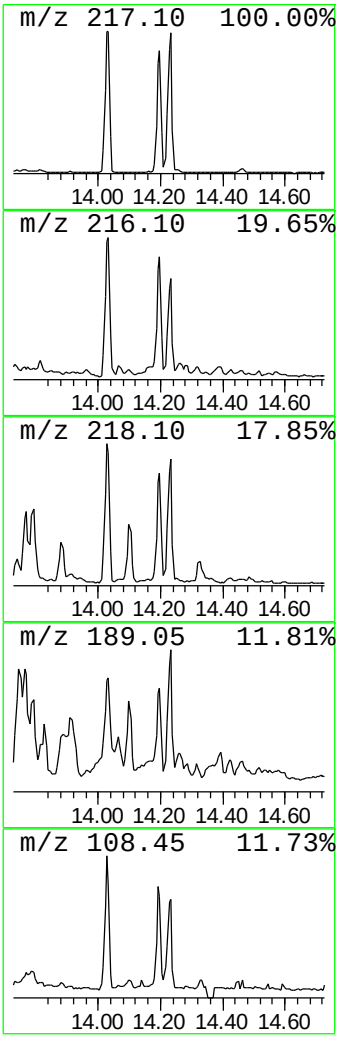
Peak Number 14 Benzo(b)carbazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	3.44 ng	4455230	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	93
2	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	87
3	Benzo(c)carbazole	217	C16H11N	034777-33-8	87
4	1-Aminopyrene	217	C16H11N	001606-67-3	87
5	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	81





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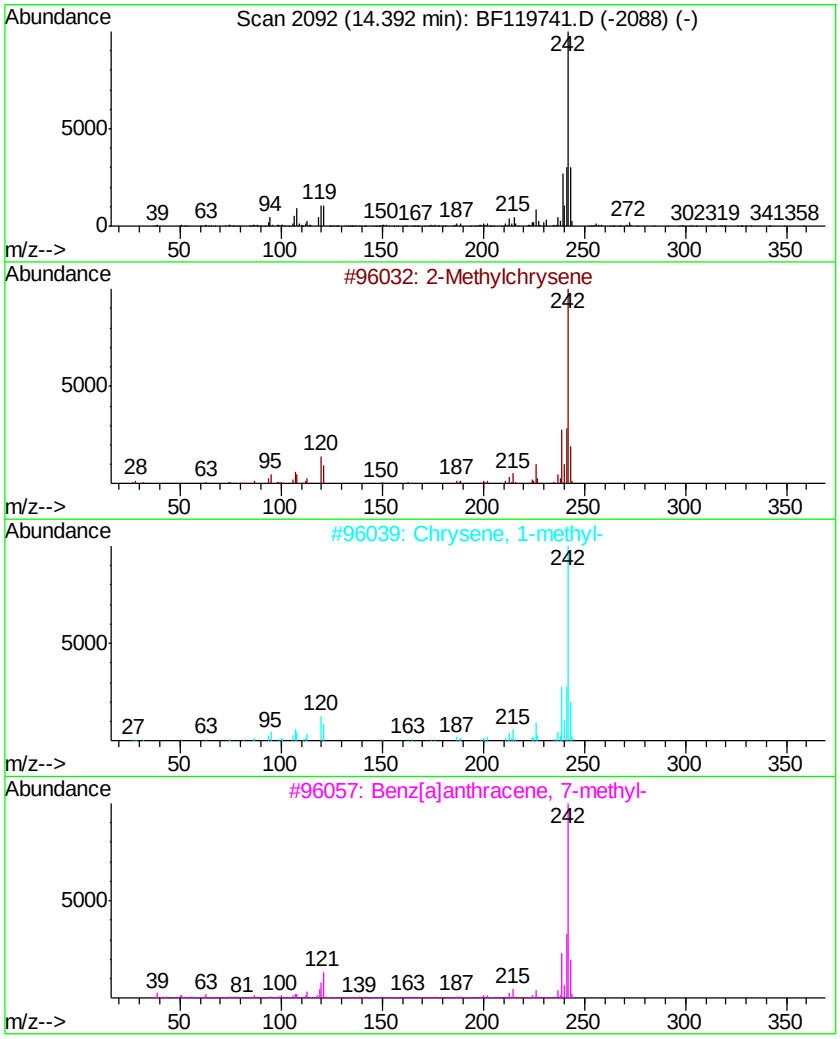
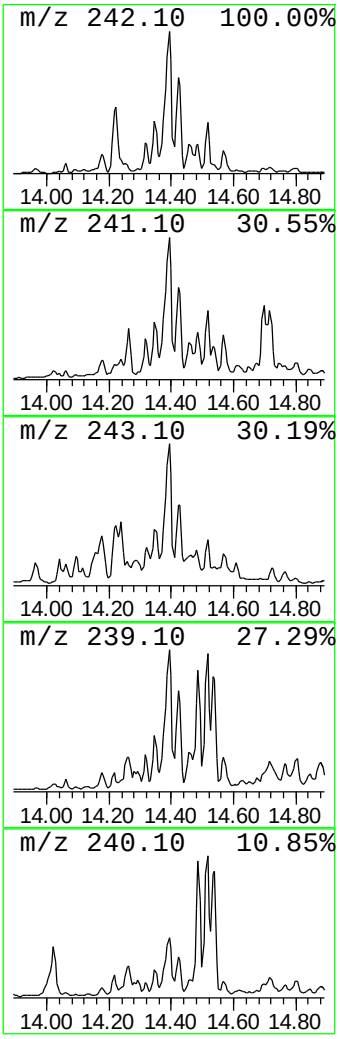
Peak Number 15 2-Methylchrysene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	5.25 ng	6809950	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95





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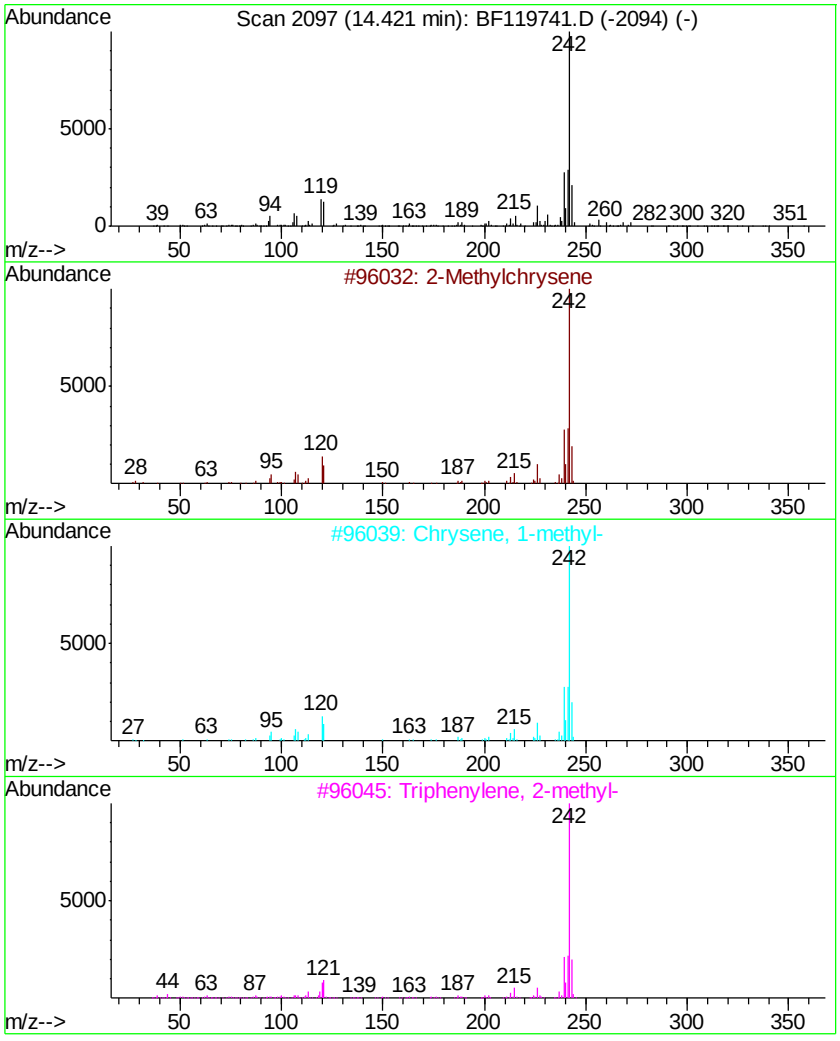
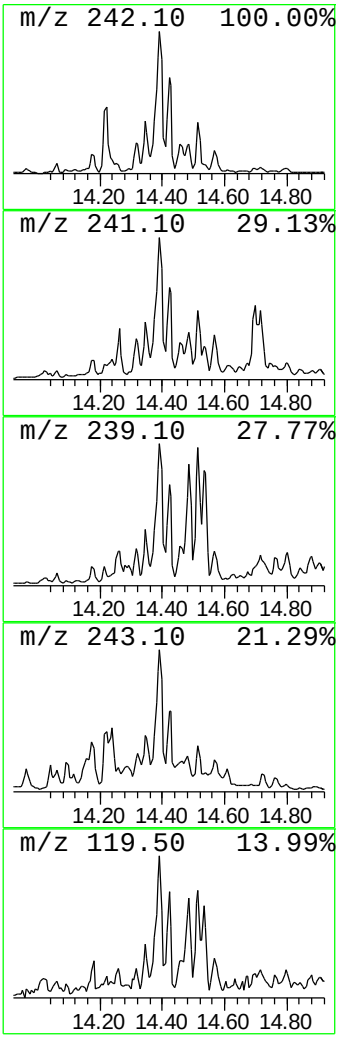
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	3.39 ng	4394810	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	98
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95





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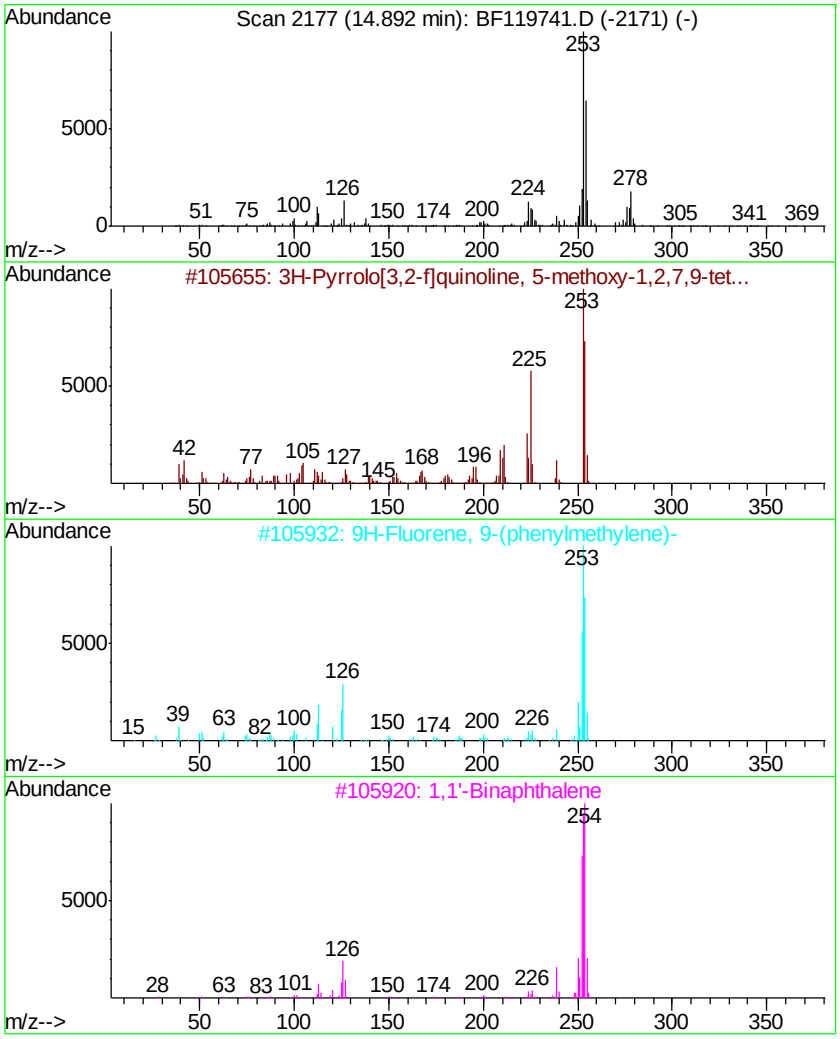
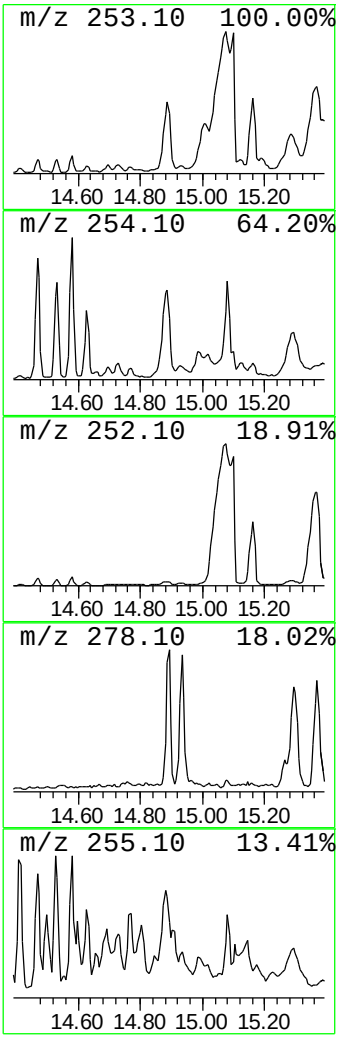
Peak Number 17 3H-Pyrrolo[3,2-f]quinoline,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.55 ng	2514240	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	68
2	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	68
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	64
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64





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Sample : L2129-36
Misc :
ALS Vial : 30 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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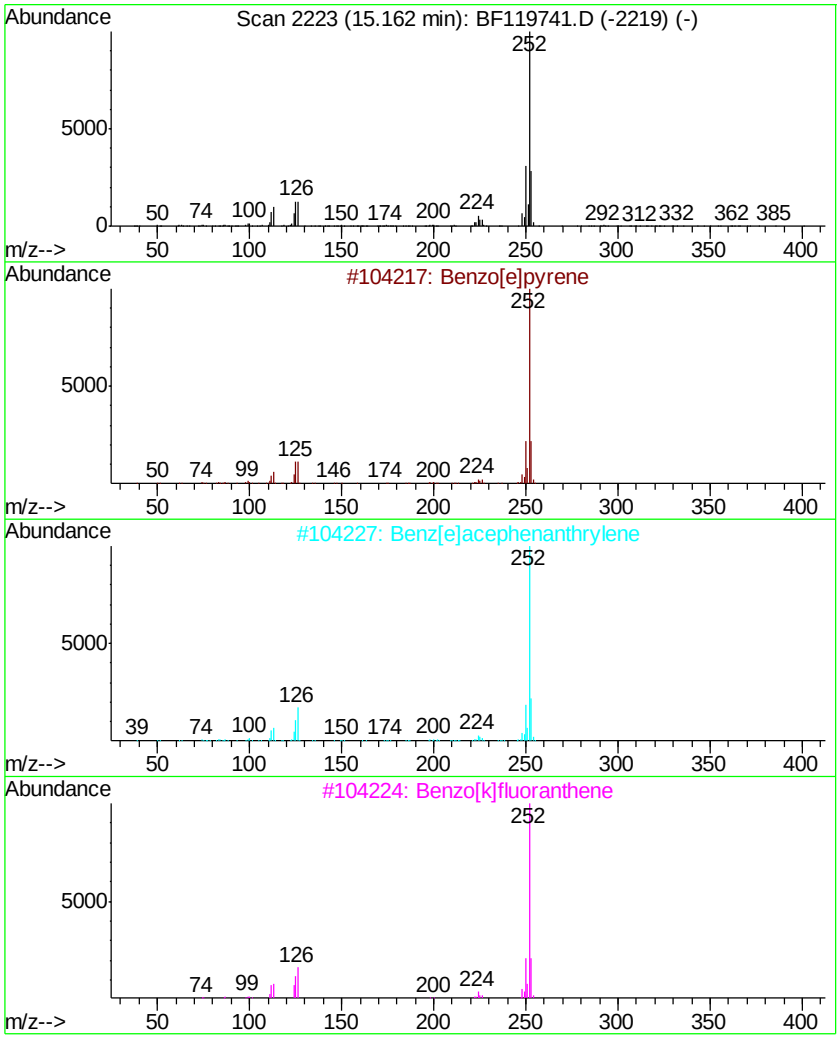
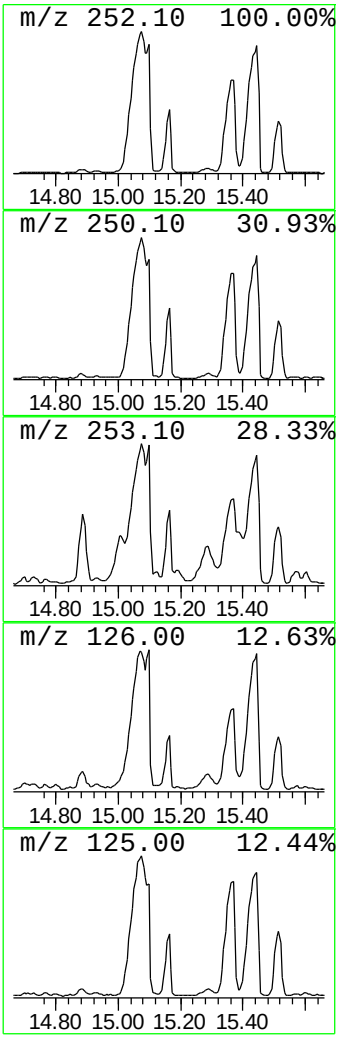
Peak Number 18 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.47 ng	3164140	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Perylene	252	C20H12	000198-55-0	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119741.D
Acq On : 4 Apr 2020 3:32
Operator : MA/SJ
Sample : L2129-36
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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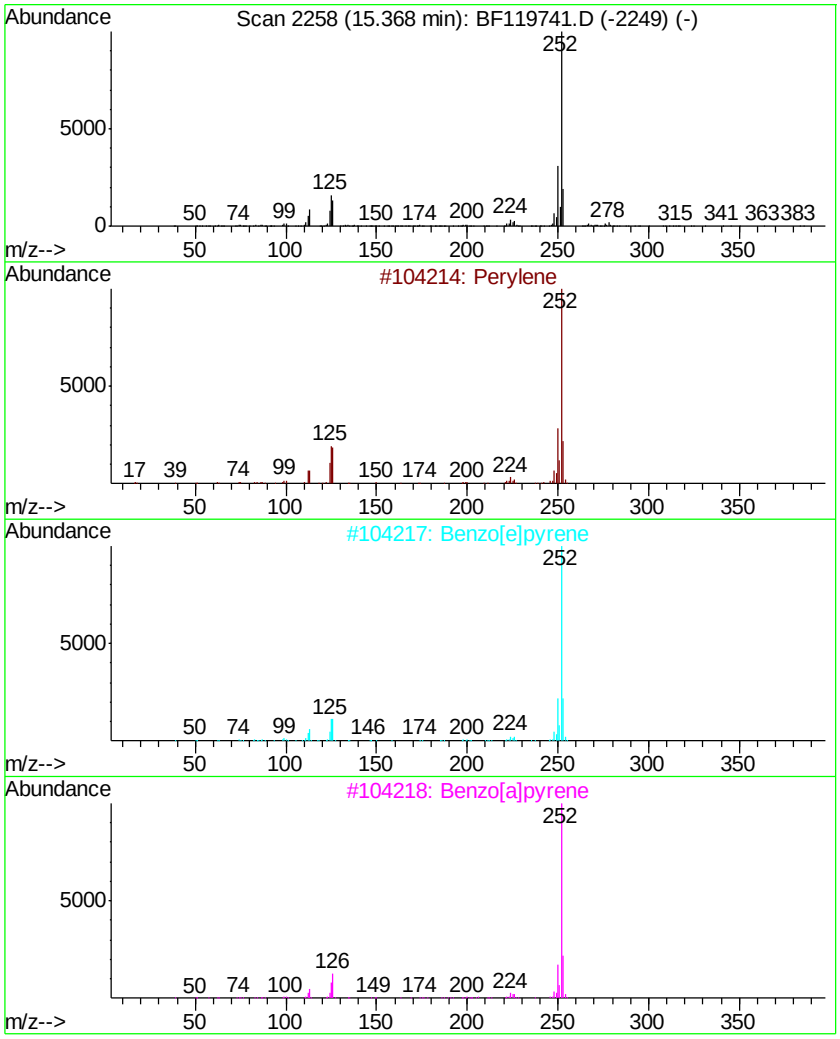
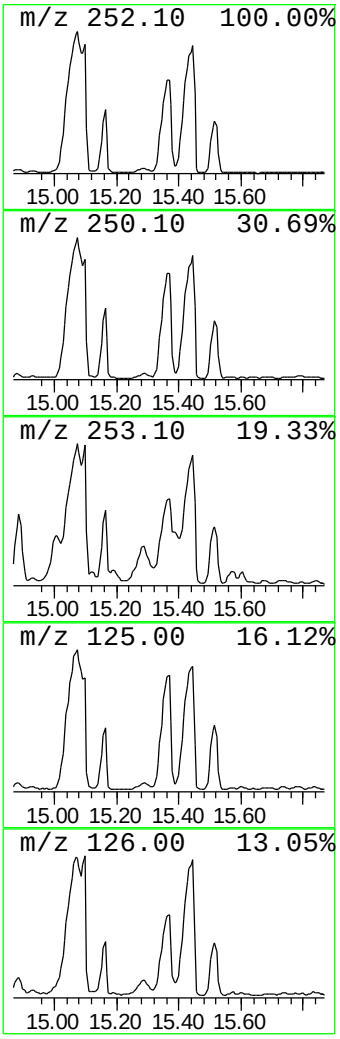
Peak Number 19 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	14.29 ng	10122200	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
Data File : BF119741.D
Acq On : 4 Apr 2020 3:32
Operator : MA/SJ
Sample : L2129-36
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Naphthalene, 2,7-...	9.43	25.9	ng	1837140	3	9.85	1421120	20.0
Naphthalene, 1,6-...	9.50	32.8	ng	2329670	3	9.85	1421120	20.0
1-Isopropenylnaph...	10.46	25.4	ng	1801990	3	9.85	1421120	20.0
Anthracene, 1-met...	11.85	3.8	ng	9068690	4	11.35	48203600	20.0
Anthracene, 2-met...	11.97	4.8	ng	11621300	4	11.35	48203600	20.0
Anthracene, 1-met...	12.72	3.1	ng	4078920	5	14.02	25918300	20.0
Pyrene, 1-methyl-	13.02	6.4	ng	8320000	5	14.02	25918300	20.0
Fluoranthene, 2-m...	13.13	9.8	ng	12714100	5	14.02	25918300	20.0
11H-Benzo[b]fluorene	13.20	3.2	ng	4144800	5	14.02	25918300	20.0
1-Pyrenemethanol	13.23	5.7	ng	7370280	5	14.02	25918300	20.0
11H-Benzo[a]fluor...	13.64	3.1	ng	3976950	5	14.02	25918300	20.0
Benzo[b]naphtho[2...	13.75	4.3	ng	5633920	5	14.02	25918300	20.0
Benzo(b)carbazole	14.23	3.4	ng	4455230	5	14.02	25918300	20.0
2-Methylchrysene	14.39	5.3	ng	6809950	5	14.02	25918300	20.0
Chrysene, 1-methyl-	14.42	3.4	ng	4394810	5	14.02	25918300	20.0
3H-Pyrrolo[3,2-f]...	14.89	3.5	ng	2514240	6	15.48	14171300	20.0
Benzo[e]pyrene	15.16	4.5	ng	3164140	6	15.48	14171300	20.0
Perylene	15.37	14.3	ng	10122200	6	15.48	14171300	20.0