LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103385.D
Acq On : 3 Mar 2018 00:07
Operator : SJ/JU
Sample : J1724-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-8

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	15	rBV	212410	284488	7.94%	0.536%
2	5.110	511	514	526	rVB	112692	153045	4.27%	0.289%
3	5.504	577	581	603	rVB	3019235	3247203	90.68%	6.123%
4	6.516	749	753	772	rBV	2871178	3109435	86.84%	5.863%
5	6.651	772	776	779	rVV	3192716	2910514	81.28%	5.488%
6	6.698	782	784	788	rVB2	46942	46410	1.30%	0.088%
7	6.875	811	814	821	rBV	1028892	906518	25.32%	1.709%
8	7.034	837	841	853	rBV	2522176	2264778	63.25%	4.270%
9	7.445	906	911	922	rBV	1995150	2033142	56.78%	3.833%
10	8.163	1029	1033	1044	rBV	1159280	1259046	35.16%	2.374%
11	8.875	1151	1154	1161	rVB	51181	60576	1.69%	0.114%
12	8.975	1168	1171	1177	rVB	37903	37397	1.04%	0.071%
13	9.233	1211	1215	1224	rBV	2909456	2726856	76.15%	5.141%
14	9.304	1224	1227	1230	rVV	69298	70501	1.97%	0.133%
15	9.339	1230	1233	1238	rVV	39285	41303	1.15%	0.078%
16	9.504	1257	1261	1265	rBV	28939	44213	1.23%	0.083%
17	9.575	1269	1273	1276	rVV3	50867	63827	1.78%	0.120%
18	9.628	1278	1282	1289	rVV	944678	920020	25.69%	1.735%
19	9.692	1289	1293	1301	rVB3	28373	66419	1.85%	0.125%
20	9.780	1304	1308	1312	rVV	71687	72606	2.03%	0.137%
21	9.833	1312	1317	1320	rVB	130120	116046	3.24%	0.219%
22	9.916	1328	1331	1335	rBV	1106200	1067569	29.81%	2.013%
23	9.951	1335	1337	1341	rVB	204825	162317	4.53%	0.306%
24	10.069	1353	1357	1359	rBV5	34299	42019	1.17%	0.079%
25	10.122	1363	1366	1369	rVV2	107269	121121	3.38%	0.228%
26	10.157	1369	1372	1376	rVB3	55460	59399	1.66%	0.112%
27	10.233	1382	1385	1388	rBV2	36528	46349	1.29%	0.087%
28	10.263	1388	1390	1395	rVB2	32570	39919	1.11%	0.075%
29	10.333	1395	1402	1405	rBV2	161262	180490	5.04%	0.340%
30	10.469	1421	1425	1430	rVB	220147	220973	6.17%	0.417%
31	10.551	1437	1439	1442	rVB2	75336	65421	1.83%	0.123%
32	10.627	1449	1452	1457	rVB2	66074	71513	2.00%	0.135%
33	10.716	1462	1467	1479	rBV	1269936	1468346	41.01%	2.769%
34	10.804	1479	1482	1492	rVB2	132802	226530	6.33%	0.427%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.880	1492	1495	1497	rBV	36018	36027	1.01%	0.068%
36	11.004	1512	1516	1517	rBV4	42819	52697	1.47%	0.099%
37	11.016	1517	1518	1521	rVB2	67116	48713	1.36%	0.092%
38	11.098	1529	1532	1535	rVB3	53979	48662	1.36%	0.092%
39	11.139	1535	1539	1542	rVV3	55847	84209	2.35%	0.159%
40	11.169	1542	1544	1548	rVV2	56176	60731	1.70%	0.115%
41	11.222	1550	1553	1556	rVV	73647	66550	1.86%	0.125%
42	11.269	1556	1561	1565	rVV2	198390	314859	8.79%	0.594%
43	11.310	1565	1568	1574	rVB	176076	172407	4.81%	0.325%
44	11.410	1582	1585	1587	rBV	865455	869444	24.28%	1.639%
45	11.439	1587	1590	1593	rVV	2591997	2370939	66.21%	4.470%
46	11.486	1595	1598	1603	rVV	745740	767124	21.42%	1.446%
47	11.527	1603	1605	1609	rVB	64550	64721	1.81%	0.122%
48	11.645	1621	1625	1629	rBV3	112687	170665	4.77%	0.322%
49	11.704	1633	1635	1637	rVV	57203	48934	1.37%	0.092%
50	11.745	1640	1642	1647	rVB4	48333	66665	1.86%	0.126%
51	11.916	1667	1671	1673	rBV	332351	339919	9.49%	0.641%
52	11.945	1673	1676	1680	rVV	468423	429525	12.00%	0.810%
53	11.992	1681	1684	1687	rVV	201236	176337	4.92%	0.332%
54	12.027	1687	1690	1693	rVV	635924	704128	19.66%	1.328%
55	12.051	1693	1694	1698	rVB	250682	142754	3.99%	0.269%
56	12.092	1698	1701	1704	rBV2	79111	68906	1.92%	0.130%
57	12.210	1717	1721	1724	rVV	291063	282591	7.89%	0.533%
58	12.245	1724	1727	1731	rVB2	156823	150946	4.22%	0.285%
59	12.357	1744	1746	1749	rVB	76158	59563	1.66%	0.112%
60	12.392	1749	1752	1754	rBV	69512	54084	1.51%	0.102%
61	12.416	1754	1756	1758	rVB	62314	46664	1.30%	0.088%
62	12.463	1761	1764	1768	rBV2	183422	228986	6.39%	0.432%
63	12.504	1769	1771	1773	rVV2	86124	85222	2.38%	0.161%
64	12.563	1777	1781	1784	rBV2	158706	195930	5.47%	0.369%
65	12.639	1789	1794	1797	rBV	3042033	3392016	94.73%	6.396%
66	12.668	1797	1799	1801	rVB	64307	48001	1.34%	0.091%
67	12.692	1801	1803	1807	rBV2	77573	70138	1.96%	0.132%
68	12.786	1815	1819	1821	rBV	140514	135704	3.79%	0.256%
69	12.868	1826	1833	1837	rBV2	2552073	3580826	100.00%	6.752%
70	12.910	1837	1840	1844	rVB2	195970	193692	5.41%	0.365%
71	12.998	1849	1855	1857	rBV2	1846872	1851836	51.72%	3.492%

LSC Area Percent Report

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72	13.027	1857	1860	1864	rVB	191276	192070	5.36%	0.362%
73	13.086	1864	1870	1873	rBV3	229143	416761	11.64%	0.786%
74	13.116	1873	1875	1880	rBV	63593	59455	1.66%	0.112%
75	13.192	1880	1888	1894	rBV	615191	865748	24.18%	1.632%
76	13.257	1896	1899	1902	rBV2	470611	402006	11.23%	0.758%
77	13.298	1902	1906	1908	rBV2	253146	306750	8.57%	0.578%
78	13.392	1919	1922	1924	rBV	135124	126133	3.52%	0.238%
79	13.421	1924	1927	1932	rBV2	196068	229368	6.41%	0.432%
80	13.615	1957	1960	1962	rVB	131973	112649	3.15%	0.212%
81	13.674	1967	1970	1972	rBV2	92585	106073	2.96%	0.200%
82	13.704	1972	1975	1979	rVV	227792	208614	5.83%	0.393%
83	13.815	1991	1994	1996	rBV	306050	278210	7.77%	0.525%
84	13.839	1996	1998	2000	rVV	280334	220853	6.17%	0.416%
85	13.874	2000	2004	2009	rVV3	340440	566908	15.83%	1.069%
86	13.915	2009	2011	2017	rVB	227131	214033	5.98%	0.404%
87	14.063	2032	2036	2039	rBV2	1479605	2067314	57.73%	3.898%
88	14.098	2039	2042	2045	rVB	1387268	1229628	34.34%	2.318%
89	14.174	2052	2055	2057	rBV	277023	211381	5.90%	0.399%
90	14.457	2101	2103	2106	rVB	213084	165397	4.62%	0.312%
91	15.139	2214	2219	2221	rBV	769394	1130145	31.56%	2.131%
92	15.245	2235	2237	2242	rVB	165668	171077	4.78%	0.323%
93	15.451	2268	2272	2278	rBV	412788	501548	14.01%	0.946%
94	15.515	2279	2283	2287	rBV	612478	757174	21.15%	1.428%
95	15.580	2291	2294	2297	rVB2	223951	255568	7.14%	0.482%
96	17.121	2552	2556	2564	rVB	296251	554090	15.47%	1.045%

Sum of corrected areas: 53036377

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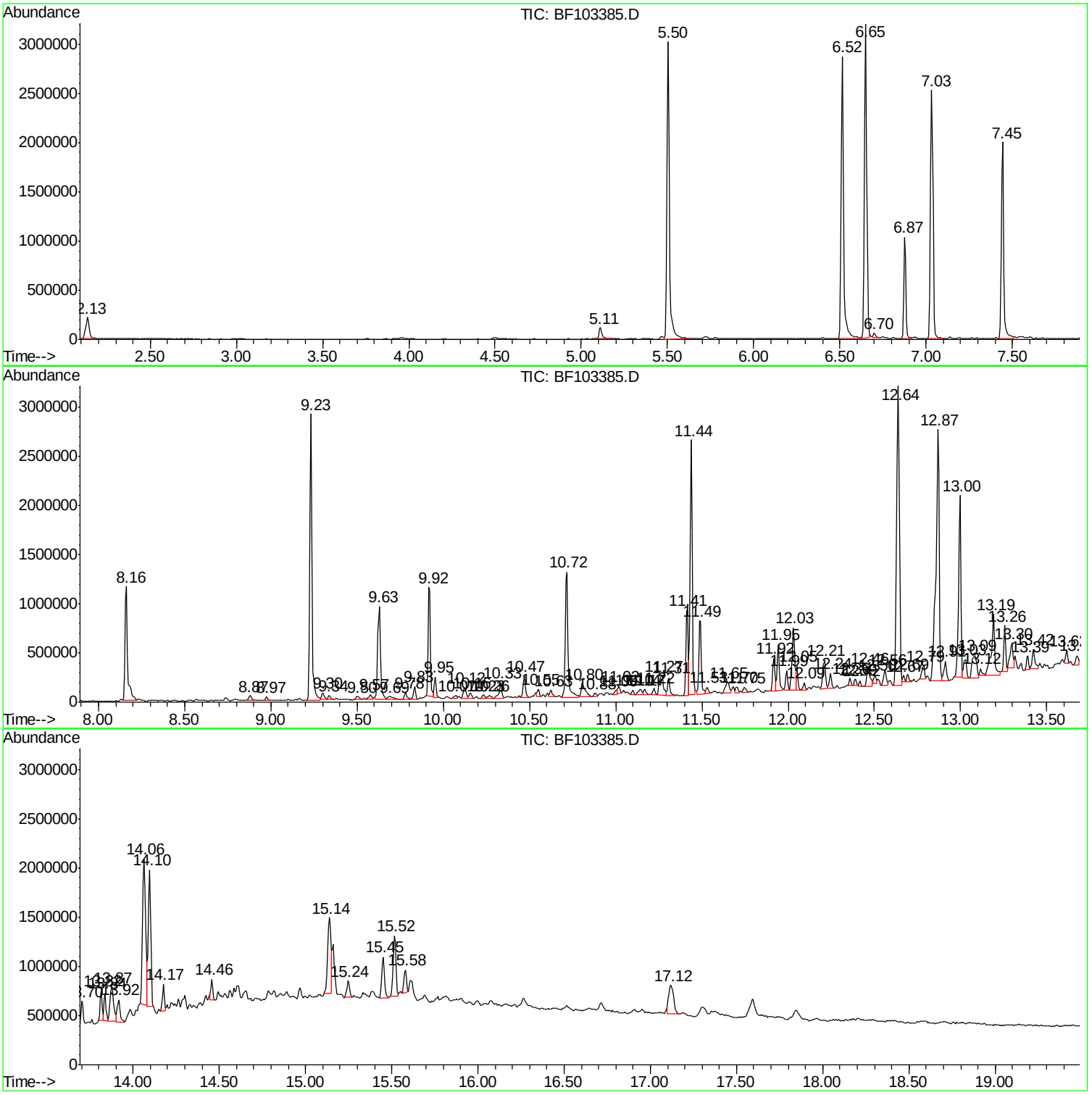
Instrument : BNA_F
ClientSampleId : SP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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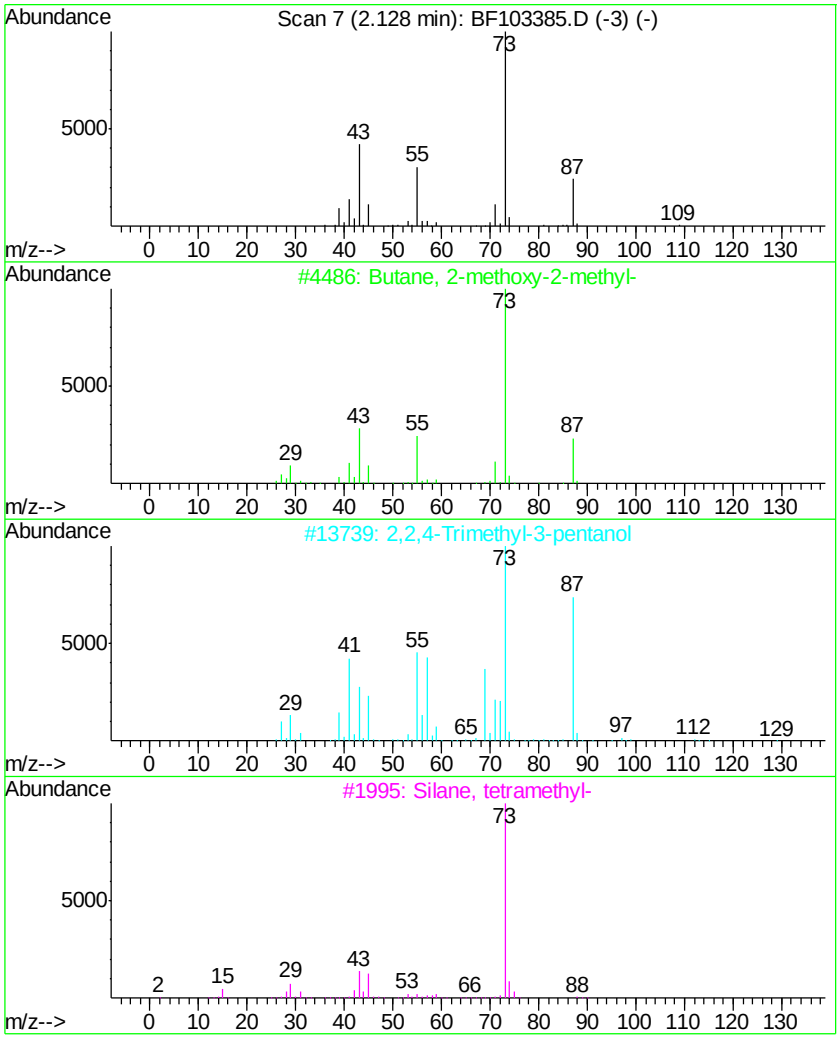
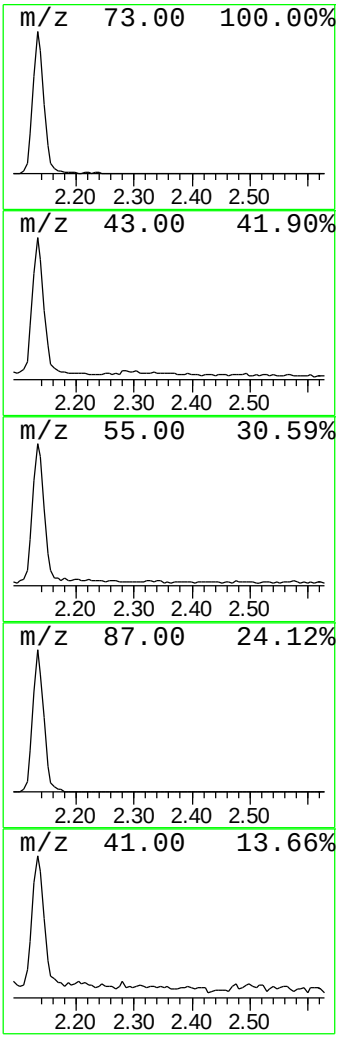
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	6.28 ng	284488	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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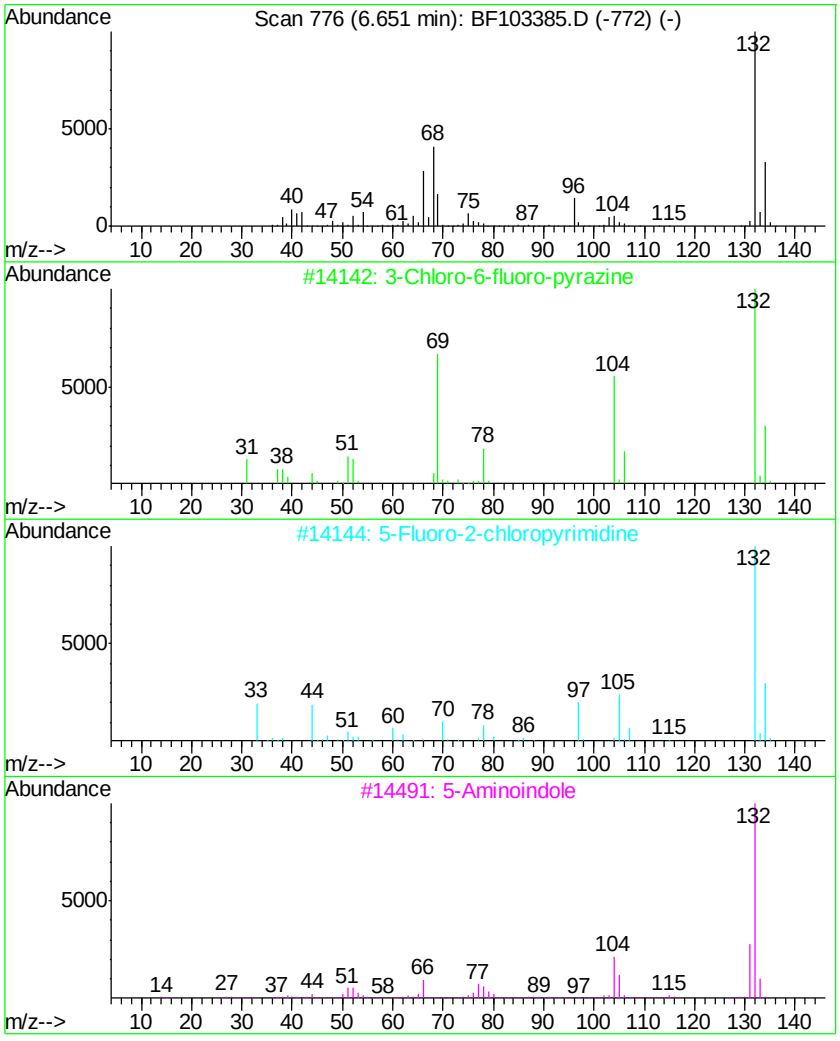
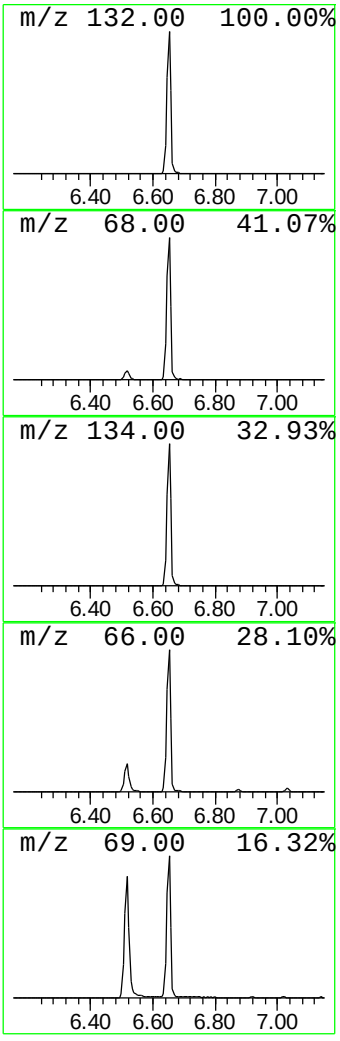
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	64.21 ng	2910510	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Instrument : BNA_F
ClientSampleId : SP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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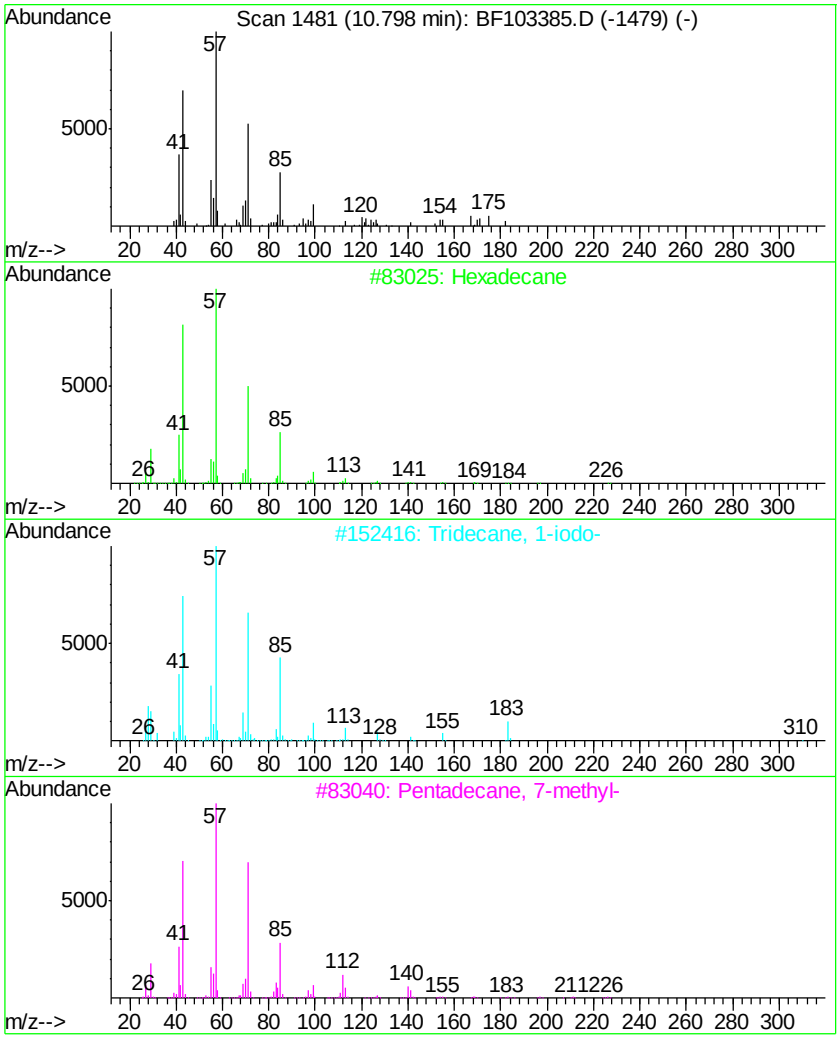
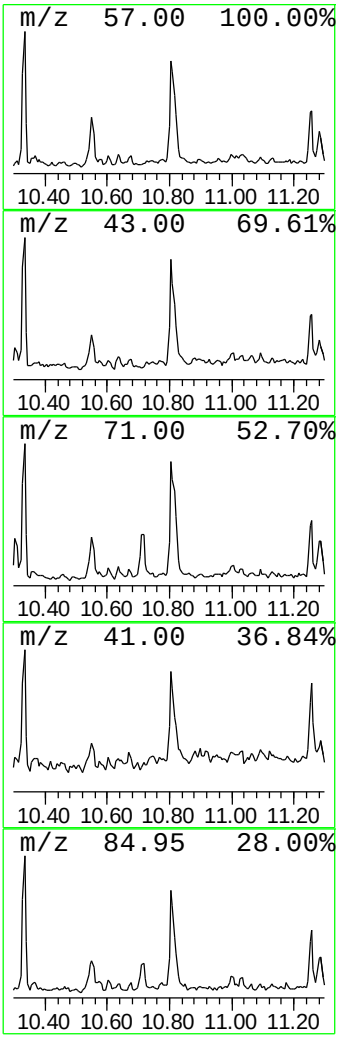
Peak Number 4 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	5.21 ng	226530	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
4	Nonadecane	268	C19H40	000629-92-5	72
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
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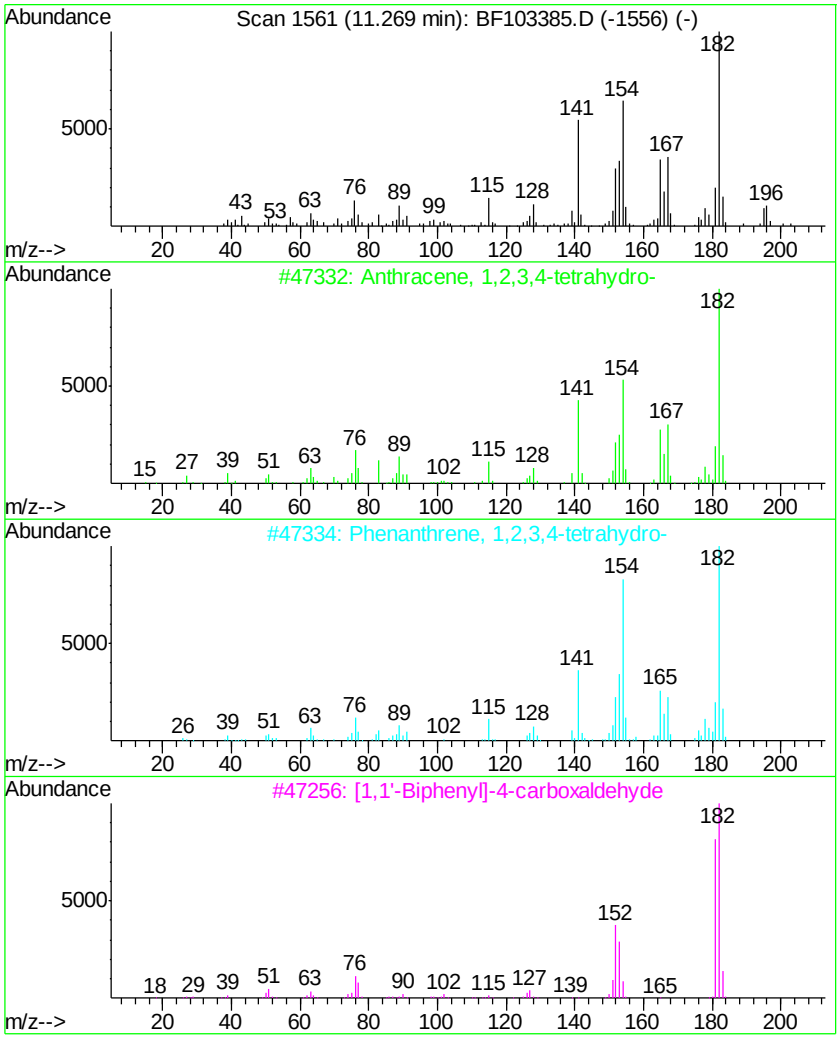
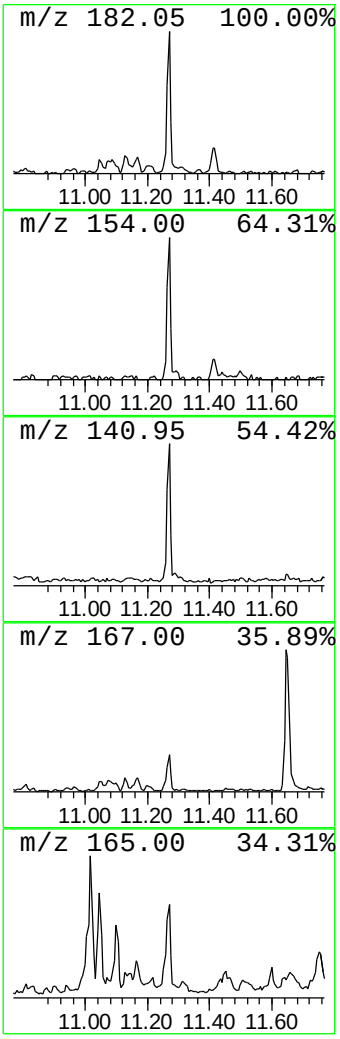
Peak Number 5 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	7.24 ng	314859	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	94
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	55





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Sample : J1724-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

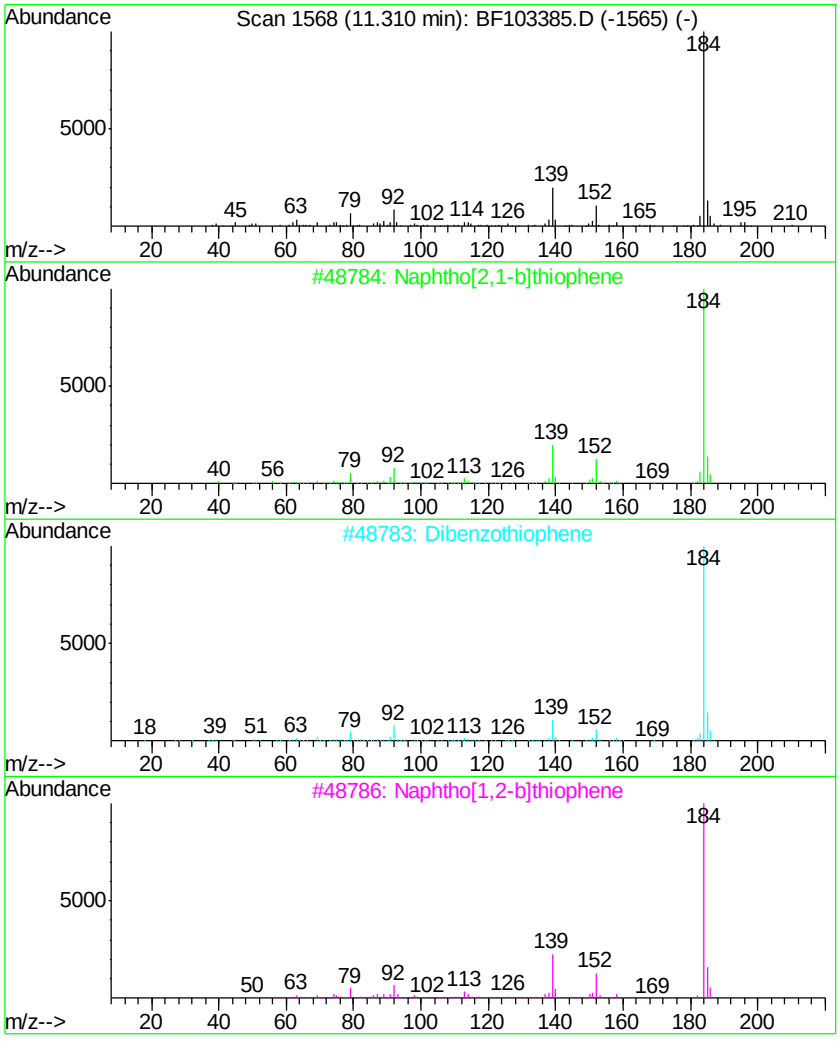
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

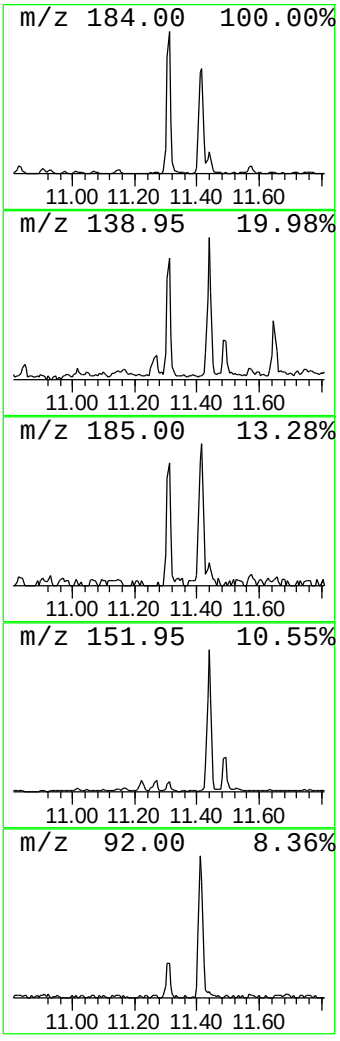
****

Peak Number 6 Naphtho[2,1-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	3.97 ng	172407	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	80





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Instrument : BNA_F
ClientSampleId : SP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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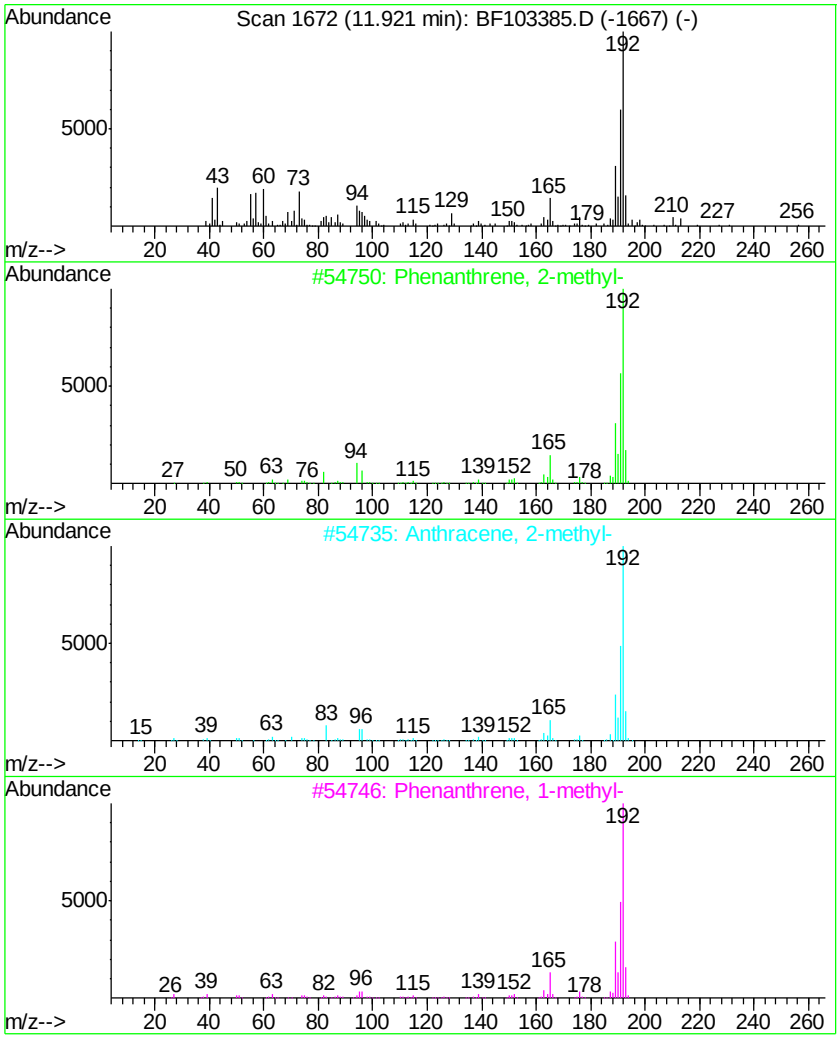
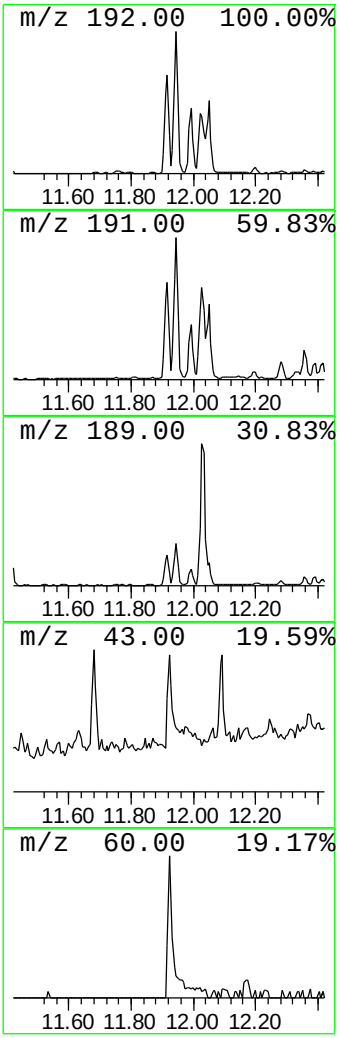
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.82 ng	339919	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Sample : J1724-03
Misc :
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Instrument : BNA_F
ClientSampleId : SP-8

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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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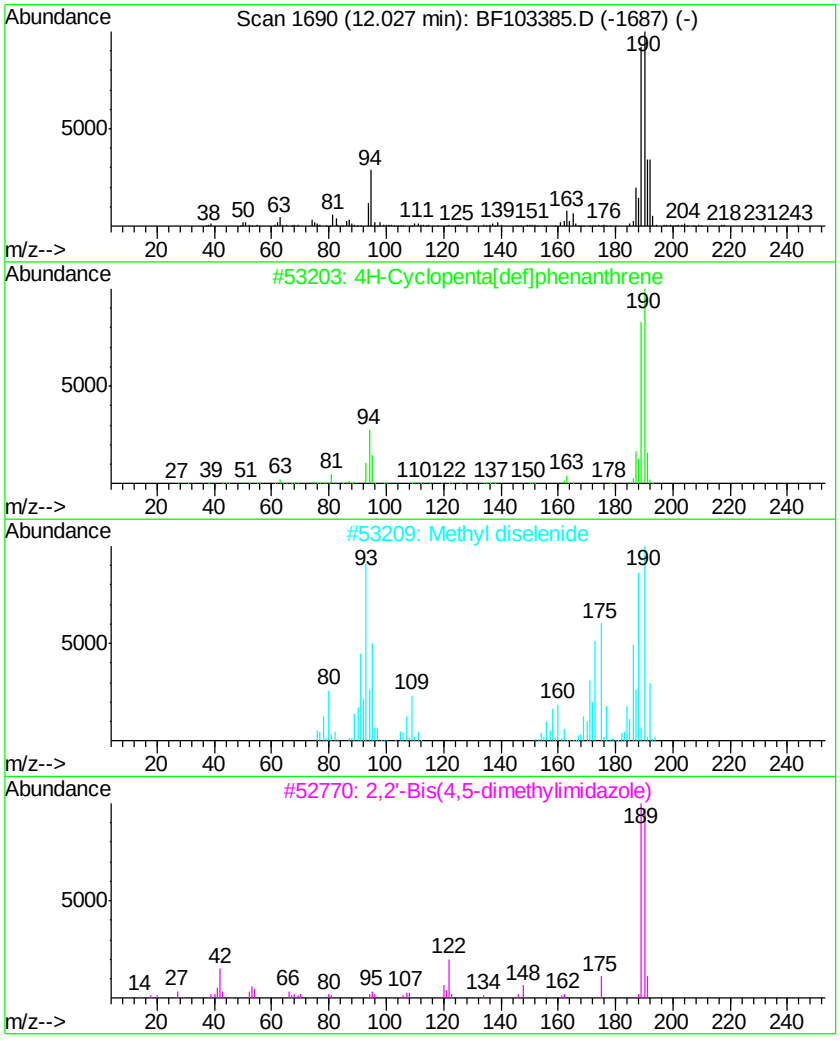
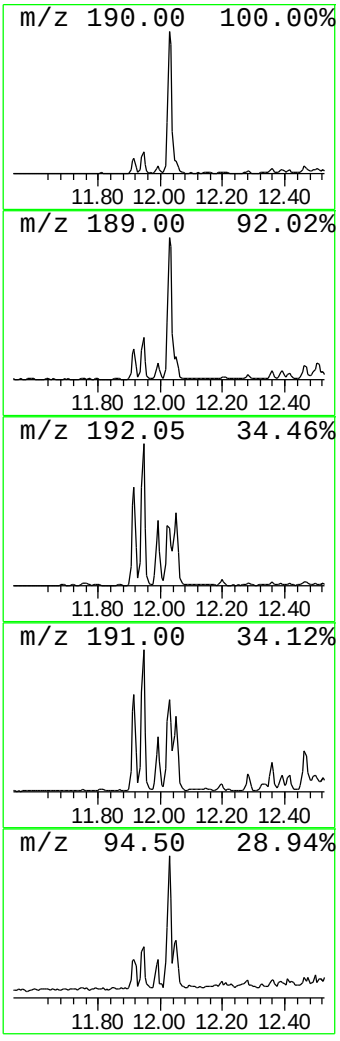
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	16.20 ng	704128	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	11





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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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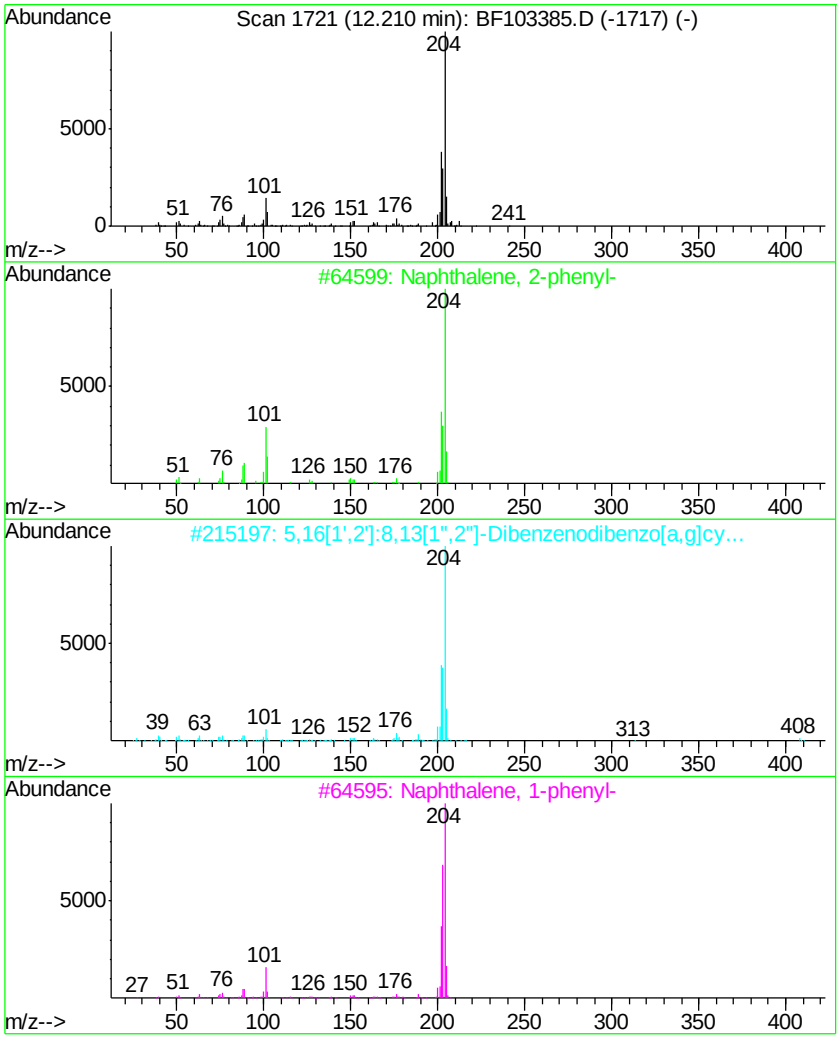
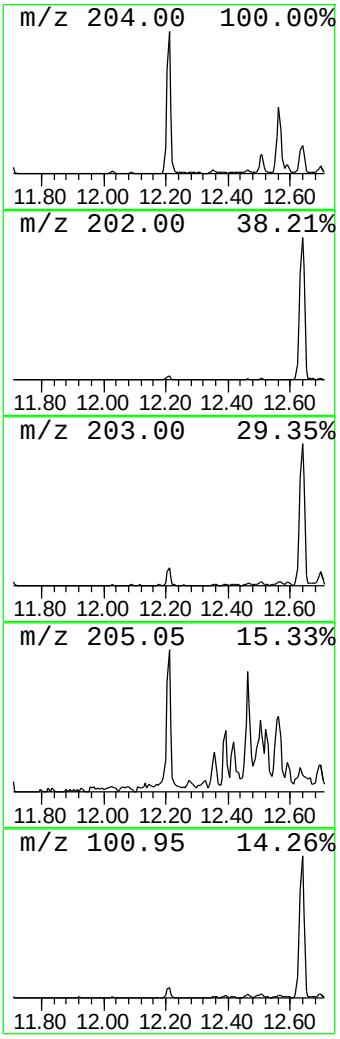
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	6.50 ng	282591	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	60





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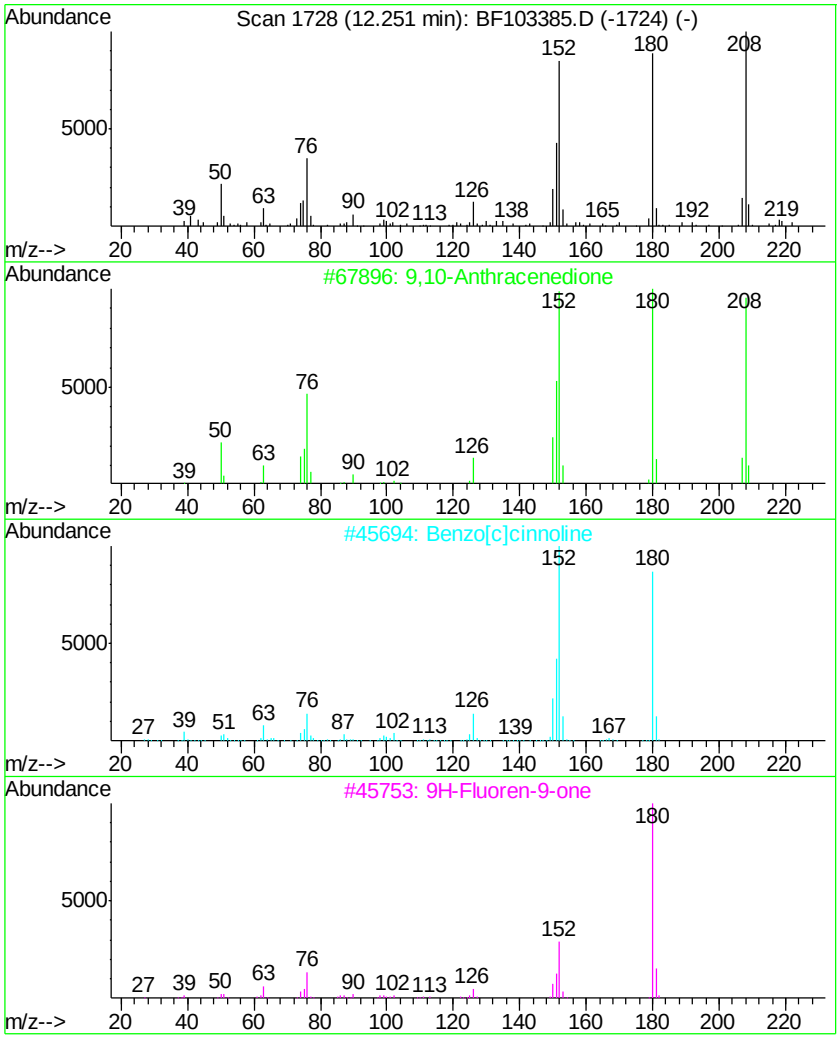
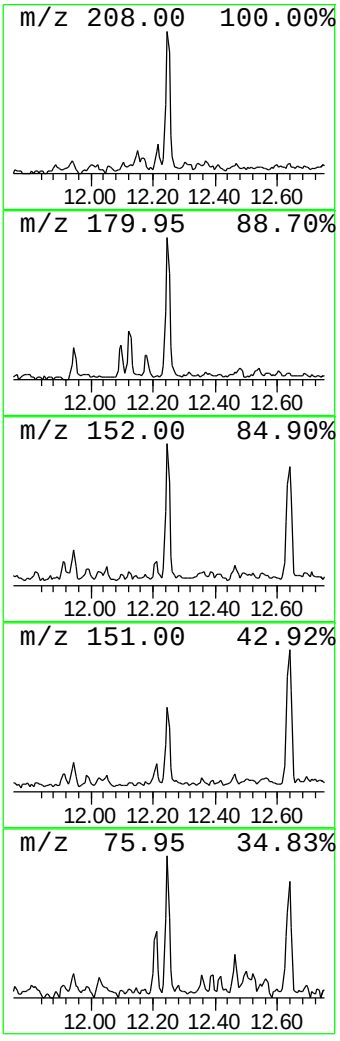
Peak Number 12 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.47 ng	150946	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	47





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

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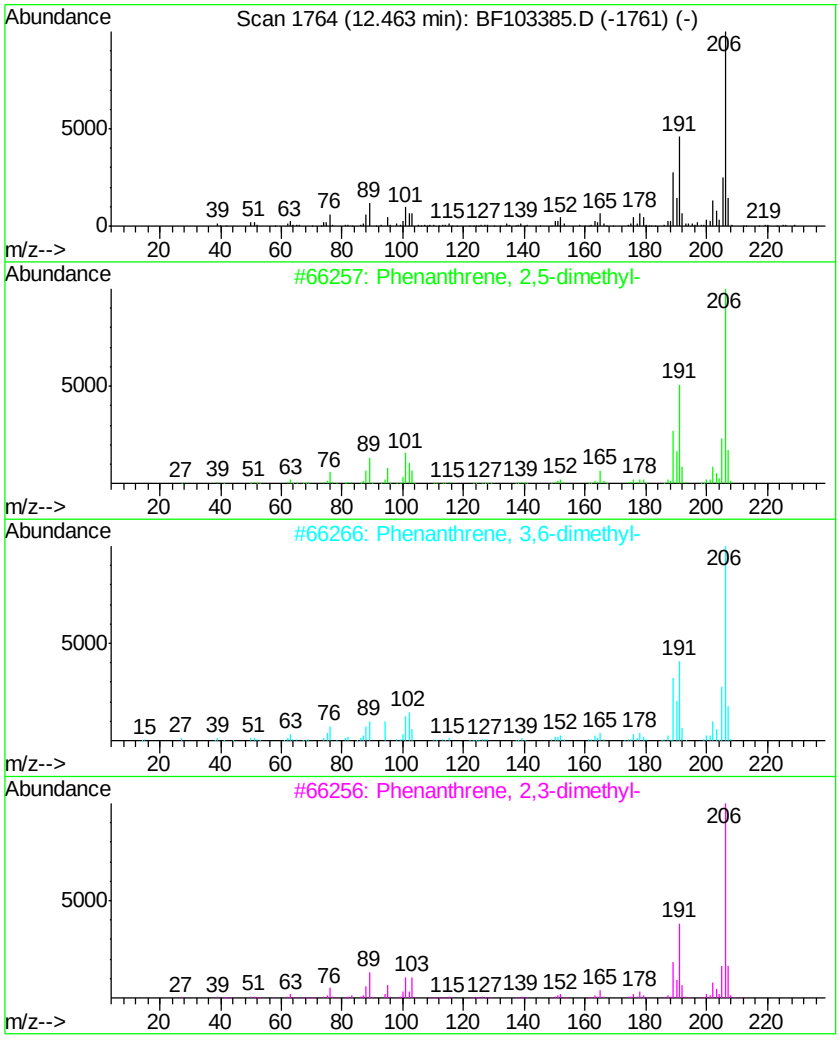
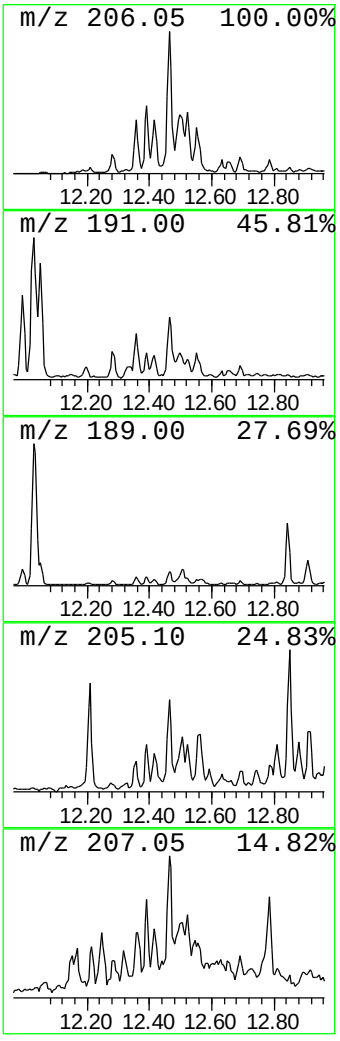
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	5.27 ng	228986	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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TIC Library : C:\DATABASE\NIST11.L
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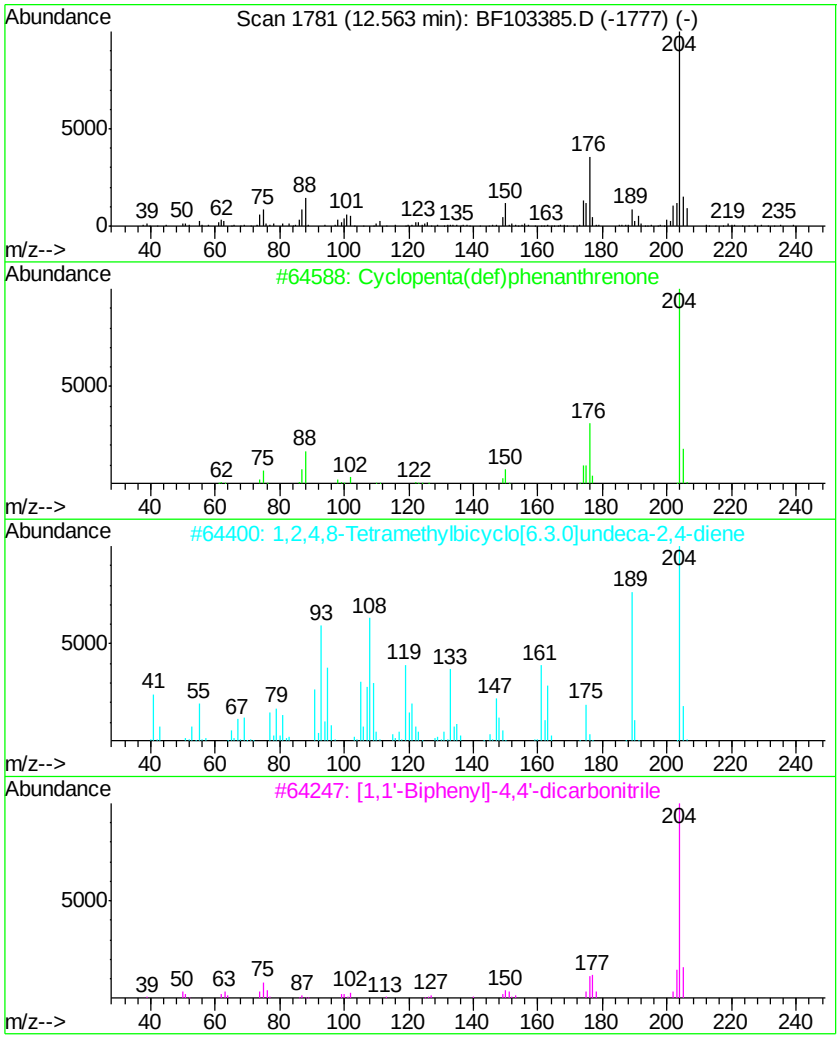
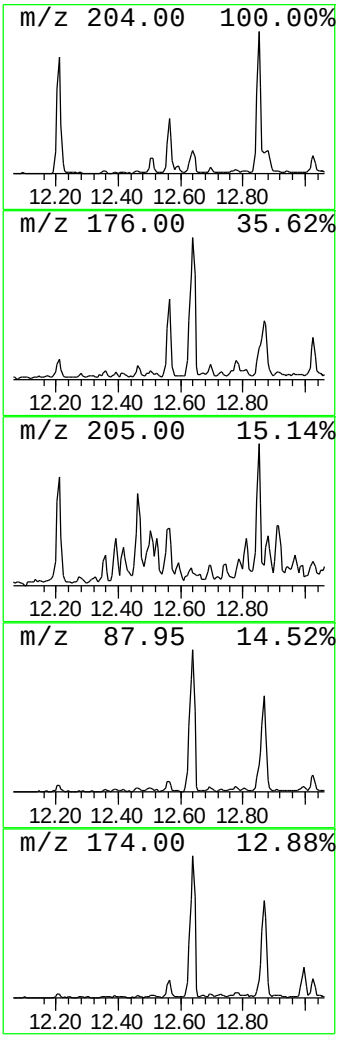
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.51 ng	195930	Phenanthrene-d10	11.41

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	55
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	4-Methoxy-2-(4-fluorophenyl)pyri...	204	C11H9FN2O	076128-75-1	47
5	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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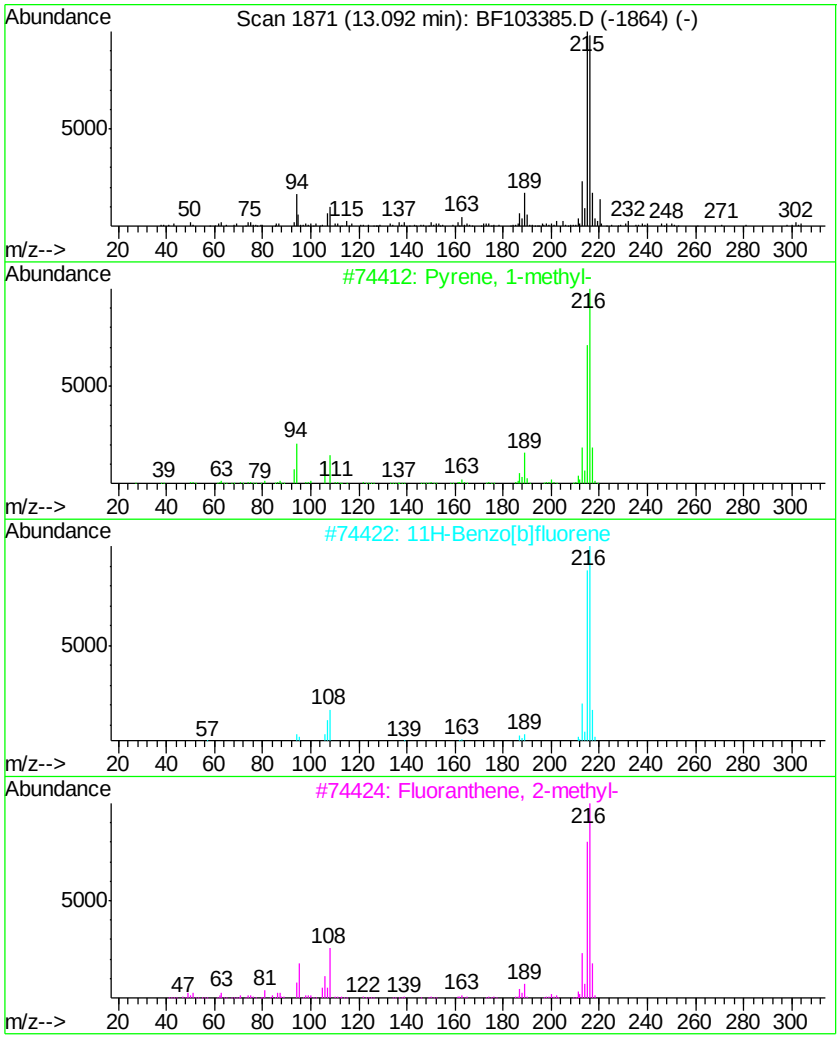
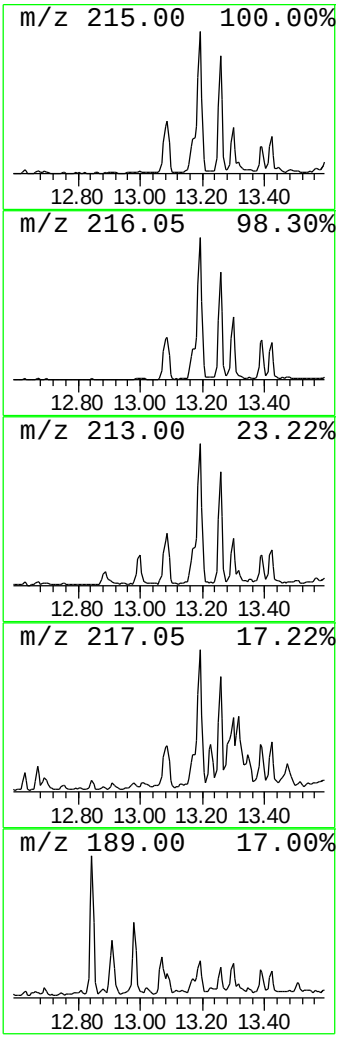
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	4.03 ng	416761	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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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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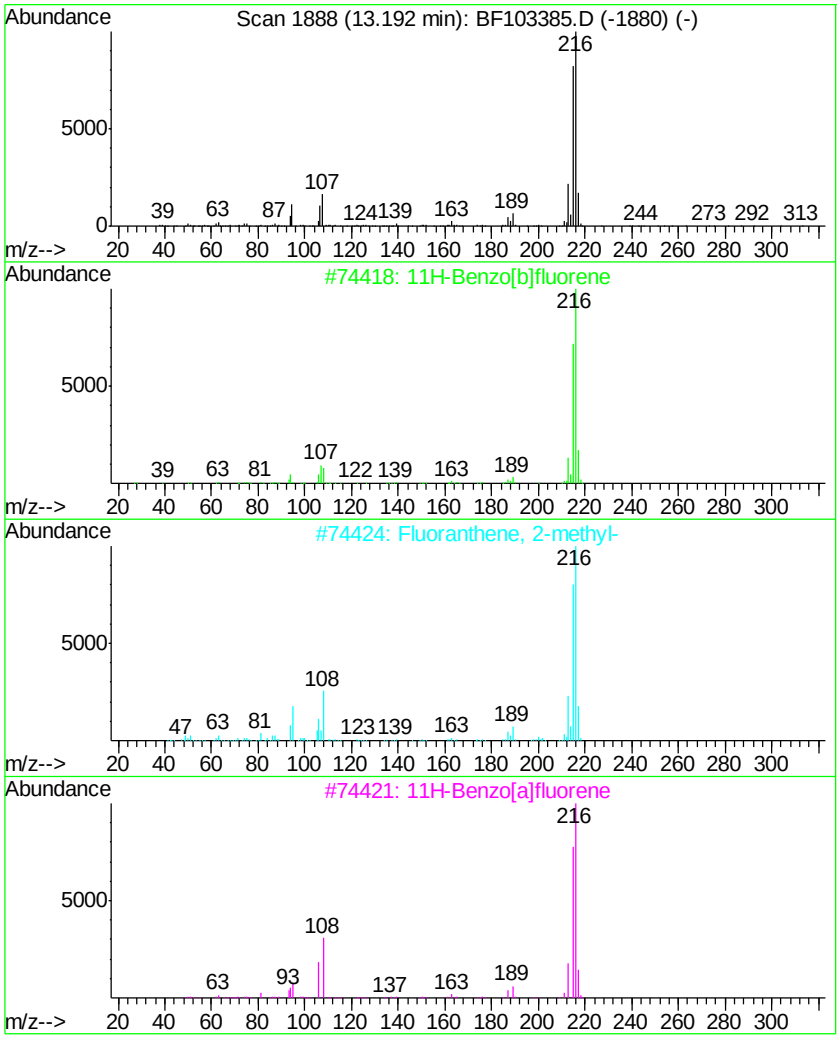
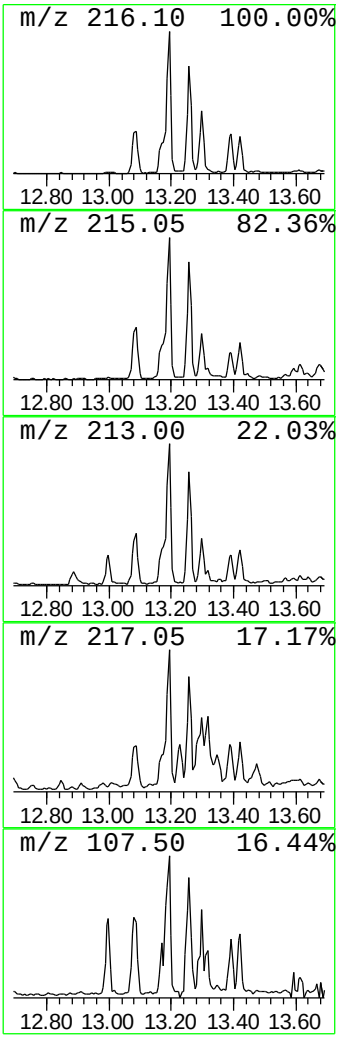
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	8.38 ng	865748	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
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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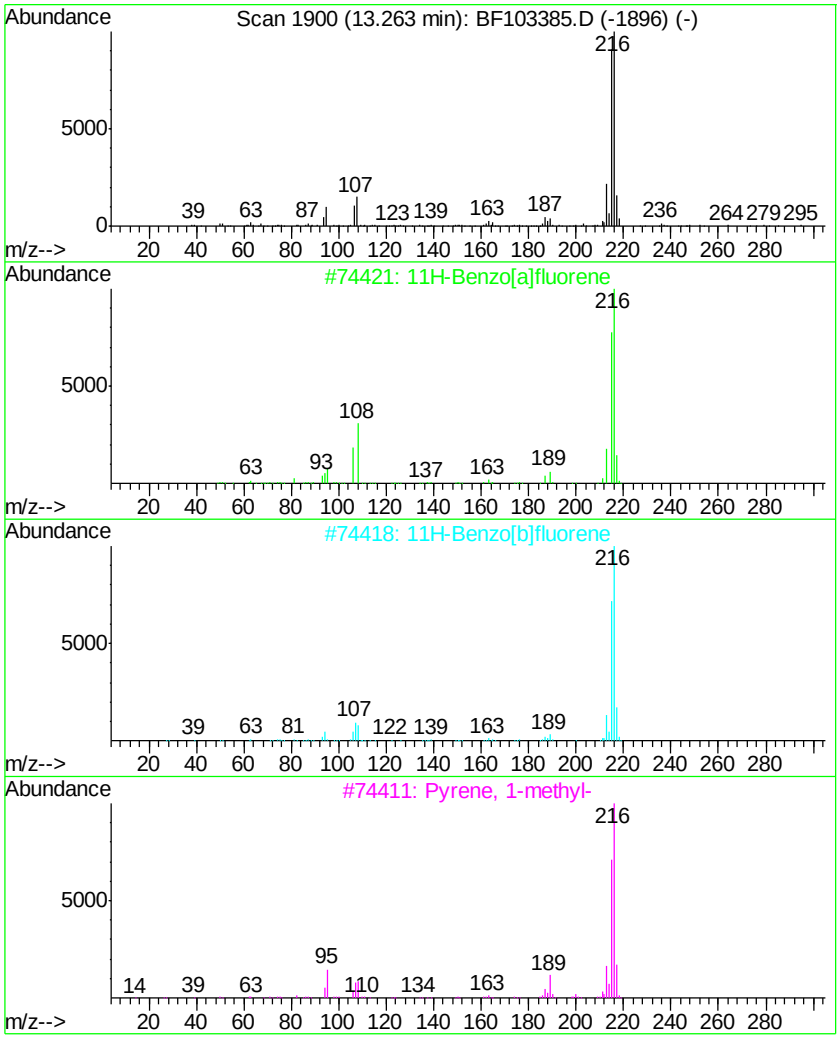
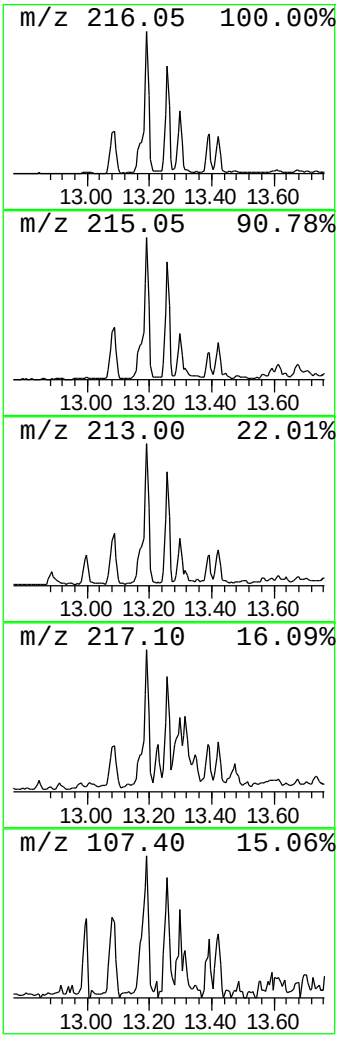
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.89 ng	402006	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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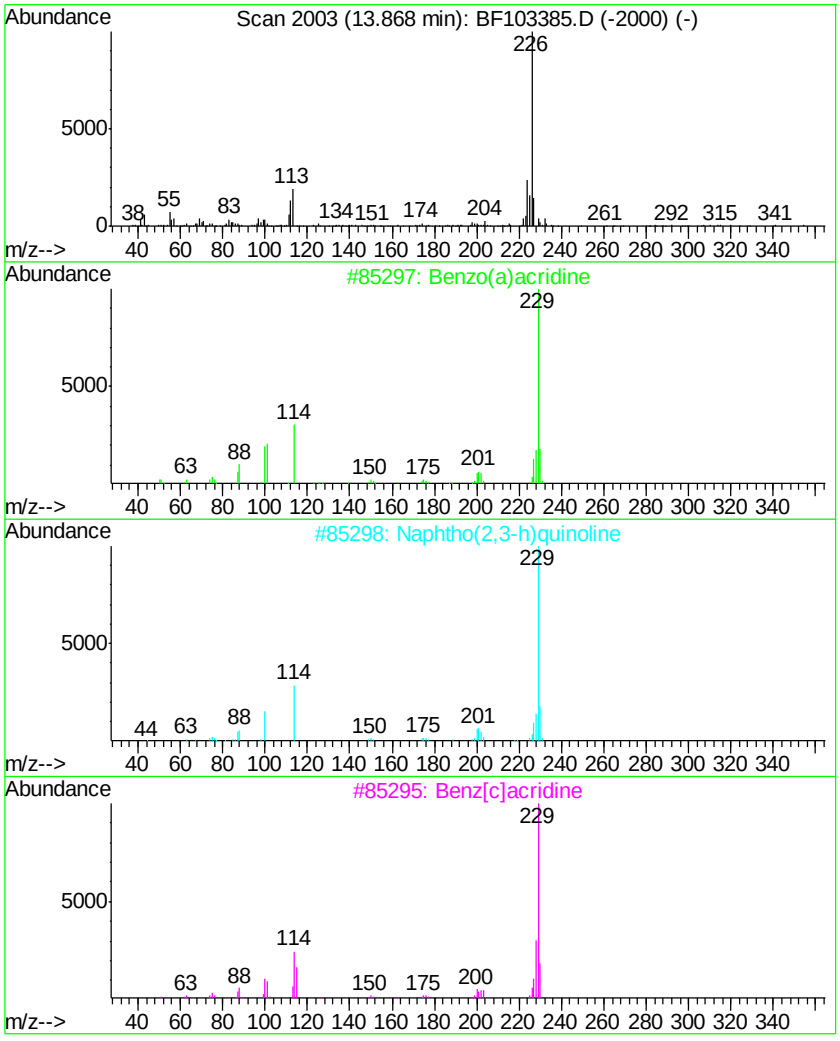
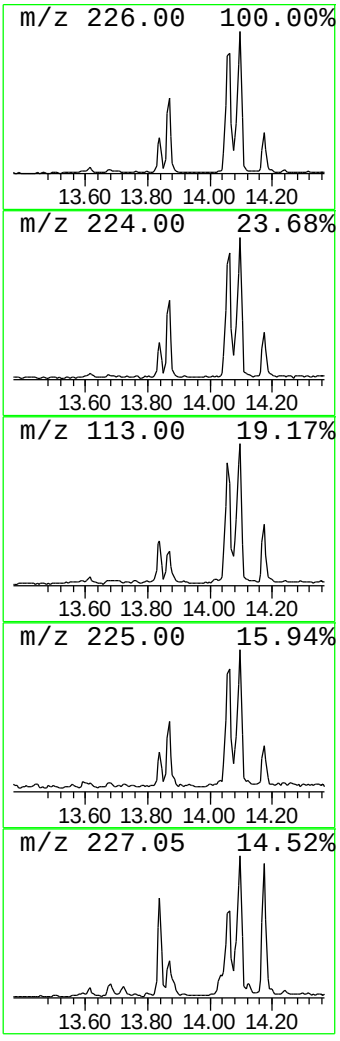
Peak Number 18 unknown13.87 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.48 ng	566908	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	42
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	38
3	Benz[c]acridine	229	C17H11N	000225-51-4	38
4	2-Methoxyphenothiazine	229	C13H11NOS	001771-18-2	27
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	22





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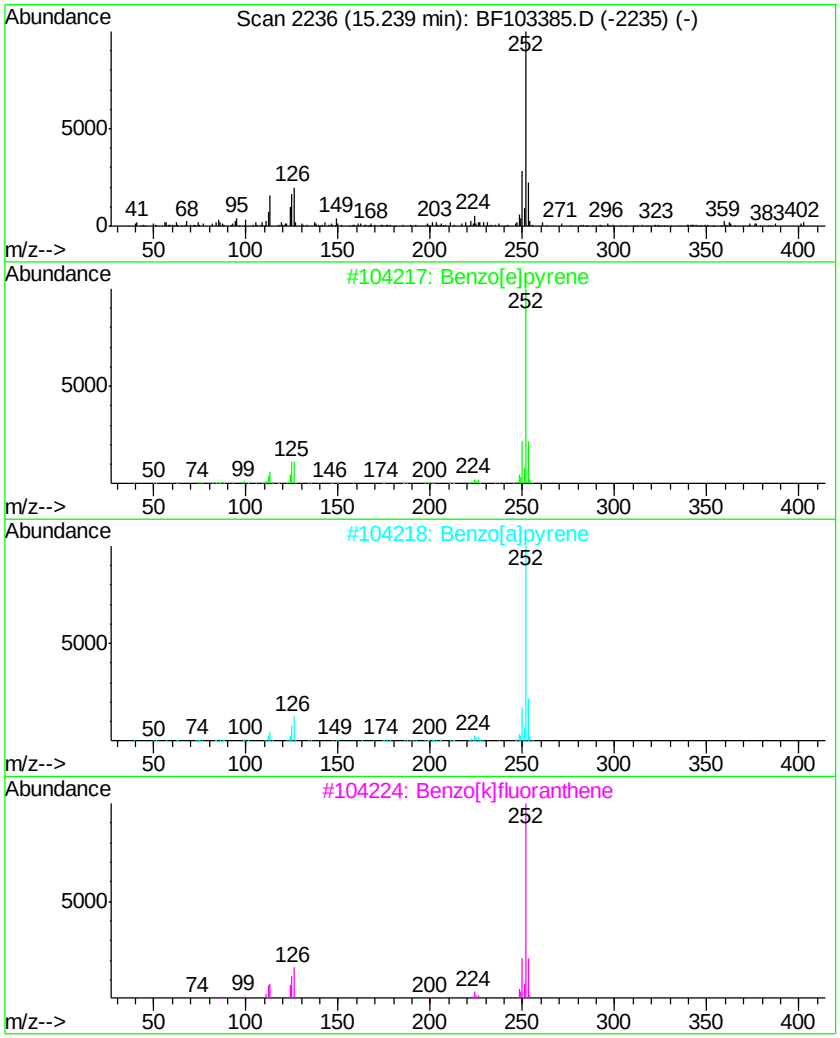
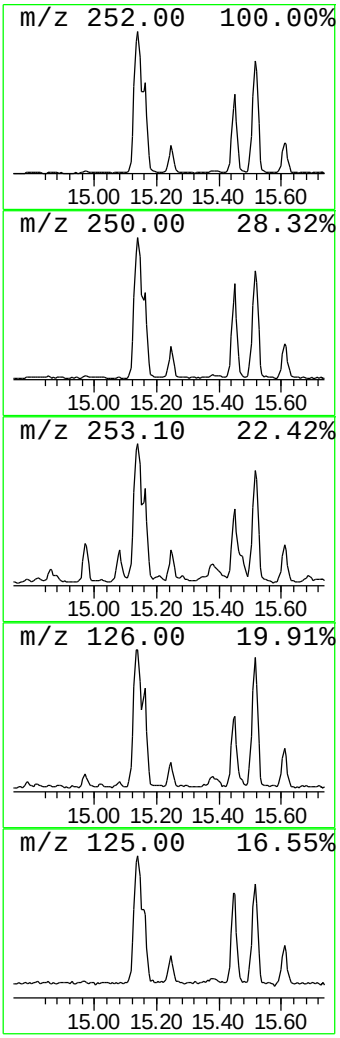
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	13.39 ng	171077	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





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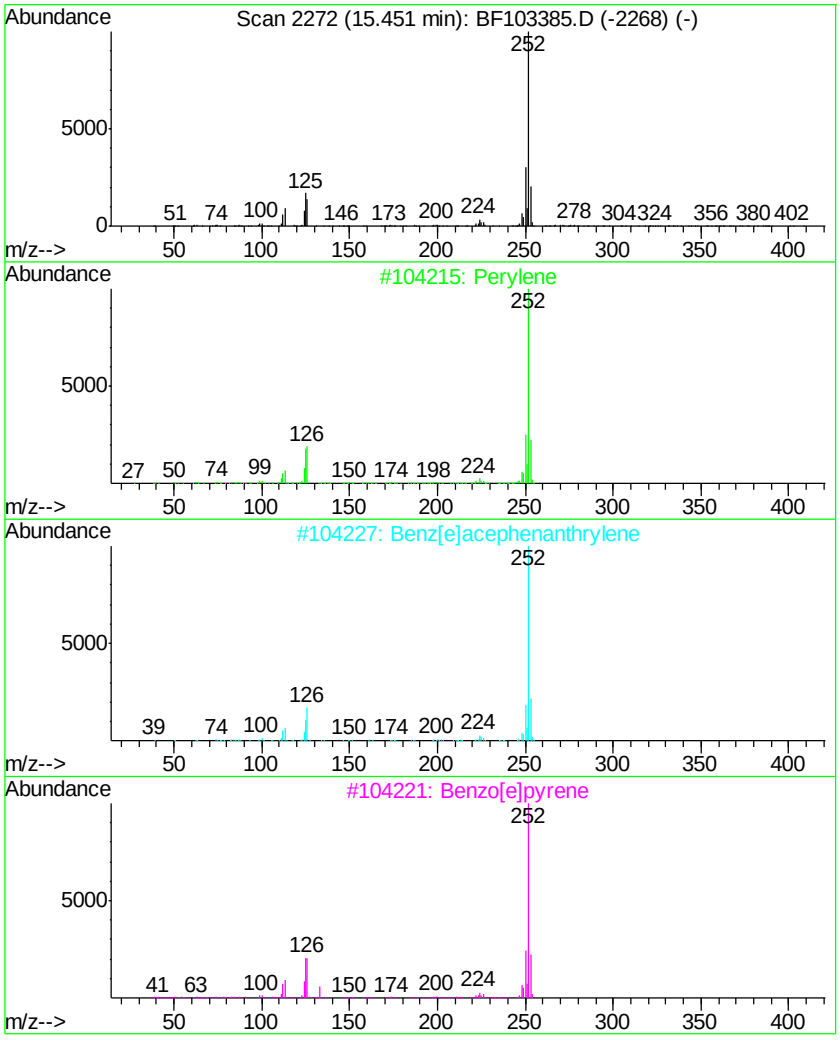
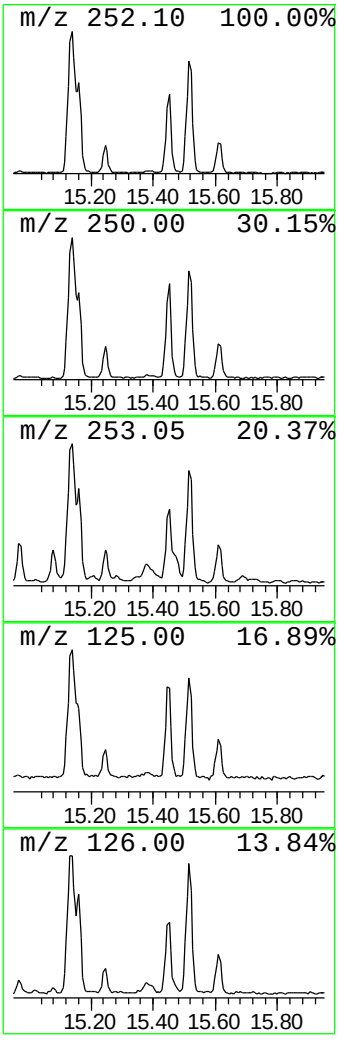
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	39.25 ng	501548	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF030218\
Data File : BF103385.D
Acq On : 3 Mar 2018 00:07
Operator : SJ/JU
Sample : J1724-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
Butane, 2-methoxy...	2.13	6.3	ng	284488	1	6.87	906518	20.0
unknown6.65	6.65	64.2	ng	2910510	1	6.87	906518	20.0
Hexadecane	10.80	5.2	ng	226530	4	11.41	869444	20.0
Anthracene, 1,2,3...	11.27	7.2	ng	314859	4	11.41	869444	20.0
Naphtho[2,1-b]thi...	11.31	4.0	ng	172407	4	11.41	869444	20.0
Phenanthrene, 2-m...	11.92	7.8	ng	339919	4	11.41	869444	20.0
4H-Cyclopenta[def...	12.03	16.2	ng	704128	4	11.41	869444	20.0
Naphthalene, 2-ph...	12.21	6.5	ng	282591	4	11.41	869444	20.0
9,10-Anthracenedione	12.25	3.5	ng	150946	4	11.41	869444	20.0
Phenanthrene, 2,5...	12.46	5.3	ng	228986	4	11.41	869444	20.0
Cyclopenta(def)ph...	12.56	4.5	ng	195930	4	11.41	869444	20.0
Pyrene, 1-methyl-	13.09	4.0	ng	416761	5	14.07	2067310	20.0
11H-Benzo[b]fluorene	13.19	8.4	ng	865748	5	14.07	2067310	20.0
11H-Benzo[a]fluorene	13.26	3.9	ng	402006	5	14.07	2067310	20.0
unknown13.87	13.87	5.5	ng	566908	5	14.07	2067310	20.0
Benzo[e]pyrene	15.24	13.4	ng	171077	6	15.58	255568	20.0
Perylene	15.45	39.3	ng	501548	6	15.58	255568	20.0