LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100744.D
Acq On : 20 Nov 2017 21:40
Operator : SJ/JU
Sample : I6304-12 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-A

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-BF110817.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	5.475	572	576	585	rVB	244455	204510	20.59%	1.342%
2	6.481	744	747	756	rBV	240631	215410	21.69%	1.414%
3	6.634	769	773	776	rBV	281870	223174	22.47%	1.465%
4	6.869	809	813	817	rBV	758541	618956	62.31%	4.062%
5	7.022	836	839	843	rBV	210658	171169	17.23%	1.123%
6	7.428	904	908	911	rBV	152099	126394	12.72%	0.829%
7	8.151	1025	1031	1034	rBV	1008888	818256	82.38%	5.370%
8	8.863	1149	1152	1157	rBB	50143	36152	3.64%	0.237%
9	8.963	1165	1169	1172	rBB	70157	53389	5.37%	0.350%
10	9.222	1210	1213	1216	rBV	343537	255577	25.73%	1.677%
11	9.492	1255	1259	1262	rBV	46426	54319	5.47%	0.356%
12	9.563	1267	1271	1273	rBV	99279	91747	9.24%	0.602%
13	9.586	1273	1275	1278	rVV	46520	43597	4.39%	0.286%
14	9.616	1278	1280	1287	rVB3	20242	30541	3.07%	0.200%
15	9.680	1287	1291	1297	rBV	52882	54828	5.52%	0.360%
16	9.763	1302	1305	1309	rVV	81802	70265	7.07%	0.461%
17	9.910	1326	1330	1332	rVV	902370	820774	82.63%	5.386%
18	9.939	1332	1335	1338	rVB	146150	118362	11.92%	0.777%
19	10.010	1343	1347	1351	rBV2	25607	31551	3.18%	0.207%
20	10.110	1358	1364	1367	rVB2	108514	109836	11.06%	0.721%
21	10.145	1367	1370	1373	rVB	52316	40463	4.07%	0.266%
22	10.222	1379	1383	1385	rBV2	40976	44547	4.48%	0.292%
23	10.245	1385	1387	1394	rVB	32259	29612	2.98%	0.194%
24	10.310	1394	1398	1400	rBV3	27284	37721	3.80%	0.248%
25	10.451	1419	1422	1428	rVV	262838	228070	22.96%	1.497%
26	10.539	1435	1437	1439	rVV3	37125	35437	3.57%	0.233%
27	10.610	1443	1449	1452	rVV2	45399	63114	6.35%	0.414%
28	10.686	1456	1462	1467	rVV	189908	194768	19.61%	1.278%
29	10.816	1479	1484	1487	rVB2	38159	48794	4.91%	0.320%
30	10.998	1510	1515	1518	rBV2	62338	80535	8.11%	0.529%
31	11.027	1518	1520	1523	rVV2	52244	43416	4.37%	0.285%
32	11.080	1526	1529	1532	rVB	38757	33378	3.36%	0.219%
33	11.127	1532	1537	1539	rBV3	24093	34492	3.47%	0.226%
34	11.151	1539	1541	1546	rVV2	29173	34464	3.47%	0.226%

LSC Area Percent Report

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Sample : I6304-12 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-A

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.198	1546	1549	1553	rVV3	25639	30225	3.04%	0.198%
36	11.245	1553	1557	1560	rVV3	26200	39779	4.00%	0.261%
37	11.286	1560	1564	1570	rVB	127259	114698	11.55%	0.753%
38	11.392	1578	1582	1584	rBV	922745	807269	81.27%	5.298%
39	11.416	1584	1586	1590	rVV	1167674	985498	99.21%	6.467%
40	11.469	1590	1595	1597	rVV	268211	224956	22.65%	1.476%
41	11.498	1597	1600	1603	rVB2	33046	34635	3.49%	0.227%
42	11.622	1618	1621	1627	rBV	53109	49932	5.03%	0.328%
43	11.686	1627	1632	1634	rVV2	32533	34930	3.52%	0.229%
44	11.722	1635	1638	1642	rVB	86976	74620	7.51%	0.490%
45	11.804	1649	1652	1656	rVB	49808	51639	5.20%	0.339%
46	11.892	1663	1667	1669	rVV	204956	182441	18.37%	1.197%
47	11.922	1669	1672	1675	rVB	254185	209813	21.12%	1.377%
48	11.969	1675	1680	1682	rBV	75493	66727	6.72%	0.438%
49	12.004	1682	1686	1688	rVV2	268818	279959	28.18%	1.837%
50	12.027	1688	1690	1695	rVB	144766	112451	11.32%	0.738%
51	12.186	1714	1717	1719	rBV2	112418	87608	8.82%	0.575%
52	12.210	1719	1721	1727	rVB3	46449	62710	6.31%	0.412%
53	12.286	1727	1734	1737	rBV5	17292	37762	3.80%	0.248%
54	12.369	1745	1748	1750	rBV	43183	37354	3.76%	0.245%
55	12.386	1750	1751	1754	rVB2	40310	30008	3.02%	0.197%
56	12.439	1754	1760	1763	rBV	127843	147343	14.83%	0.967%
57	12.474	1763	1766	1769	rBV3	57284	67126	6.76%	0.441%
58	12.527	1772	1775	1779	rBV2	50546	72121	7.26%	0.473%
59	12.604	1784	1788	1792	rBV	817167	685453	69.01%	4.498%
60	12.757	1811	1814	1817	rBV	50118	42723	4.30%	0.280%
61	12.833	1821	1827	1833	rBV	676484	749265	75.43%	4.917%
62	12.886	1833	1836	1839	rVB2	46597	52534	5.29%	0.345%
63	12.951	1842	1847	1848	rBV2	35044	37263	3.75%	0.245%
64	12.969	1848	1850	1853	rBV	192796	153239	15.43%	1.006%
65	13.045	1859	1863	1867	rBV3	64269	96763	9.74%	0.635%
66	13.133	1875	1878	1880	rVV2	55268	71314	7.18%	0.468%
67	13.157	1880	1882	1885	rVB	149636	126106	12.70%	0.828%
68	13.227	1891	1894	1896	rVV	117415	108034	10.88%	0.709%
69	13.263	1896	1900	1903	rVV2	98701	105670	10.64%	0.693%
70	13.357	1913	1916	1918	rVV	72623	62490	6.29%	0.410%
71	13.386	1918	1921	1924	rVV	70435	69286	6.98%	0.455%

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Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-111617-A

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
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.668	1966	1969	1973	rVB	30620	42453	4.27%	0.279%
73	13.757	1981	1984	1986	rBV	60461	65079	6.55%	0.427%
74	13.780	1986	1988	1990	rVV	71107	67664	6.81%	0.444%
75	13.804	1990	1992	1995	rVV	52098	50535	5.09%	0.332%
76	13.827	1995	1996	2000	rVV2	34767	46565	4.69%	0.306%
77	13.863	2000	2002	2008	rVB3	34802	56573	5.70%	0.371%
78	14.027	2022	2030	2033	rBV2	766505	993318	100.00%	6.519%
79	14.057	2033	2035	2041	rVB	262495	233497	23.51%	1.532%
80	14.115	2042	2045	2046	rBV	31111	33042	3.33%	0.217%
81	14.174	2052	2055	2060	rVV5	19296	35841	3.61%	0.235%
82	14.257	2065	2069	2071	rBV3	28825	42006	4.23%	0.276%
83	14.286	2071	2074	2077	rVB2	31696	32940	3.32%	0.216%
84	14.415	2091	2096	2099	rVV	77527	92361	9.30%	0.606%
85	14.445	2099	2101	2105	rVV	49523	51687	5.20%	0.339%
86	14.492	2106	2109	2110	rVV2	35064	45101	4.54%	0.296%
87	14.510	2110	2112	2114	rVV	49918	51111	5.15%	0.335%
88	14.539	2114	2117	2119	rVV2	70744	77947	7.85%	0.512%
89	14.557	2119	2120	2124	rVV2	53779	53736	5.41%	0.353%
90	14.604	2125	2128	2133	rVB3	34868	52107	5.25%	0.342%
91	14.745	2150	2152	2158	rVB6	23354	34818	3.51%	0.228%
92	15.068	2203	2207	2210	rBV	176418	265518	26.73%	1.742%
93	15.174	2223	2225	2229	rVB	44841	51050	5.14%	0.335%
94	15.374	2255	2259	2265	rVB	124004	153642	15.47%	1.008%
95	15.439	2265	2270	2275	rBV	186497	242465	24.41%	1.591%
96	15.504	2276	2281	2285	rBV	566835	722102	72.70%	4.739%
97	16.645	2472	2475	2487	rVB	28502	76693	7.72%	0.503%
98	16.974	2525	2531	2537	rVB2	67496	136136	13.71%	0.893%
99	17.209	2568	2571	2577	rVV4	16948	31852	3.21%	0.209%
100	17.421	2601	2607	2614	rBV	49206	101051	10.17%	0.663%

Sum of corrected areas: 15238252

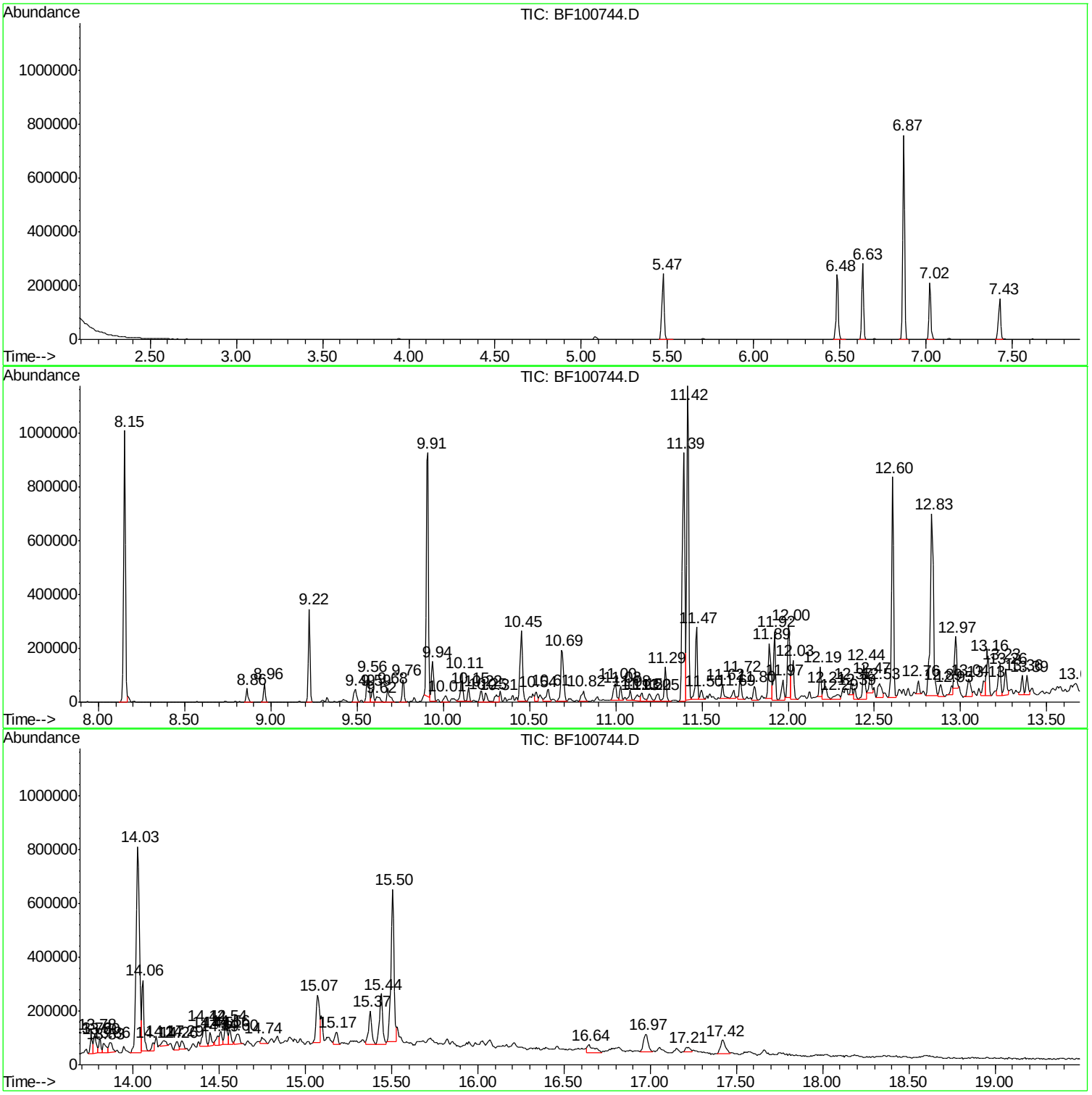
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100744.D
Acq On : 20 Nov 2017 21:40
Operator : SJ/JU
Sample : I6304-12 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
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Sample : I6304-12 10X
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

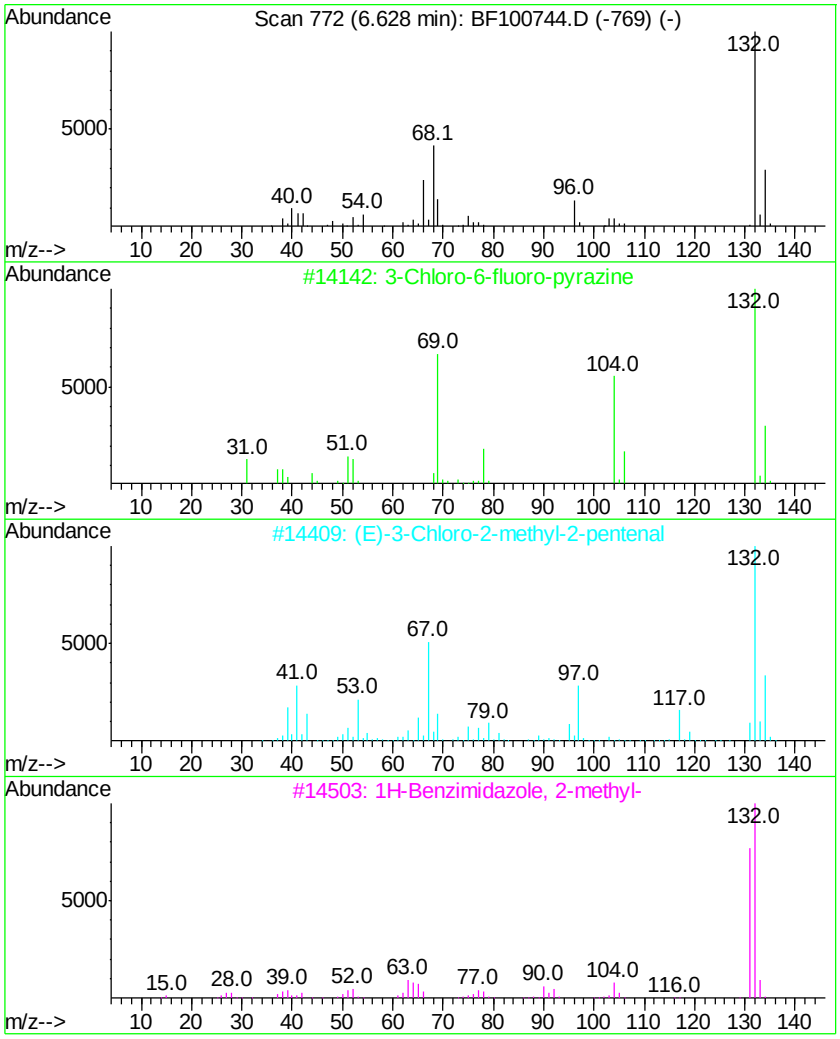
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

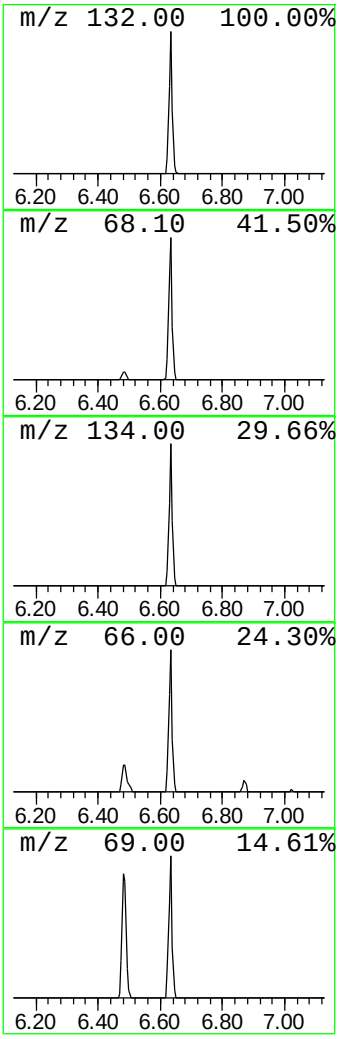
****

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	7.21 ng	223174	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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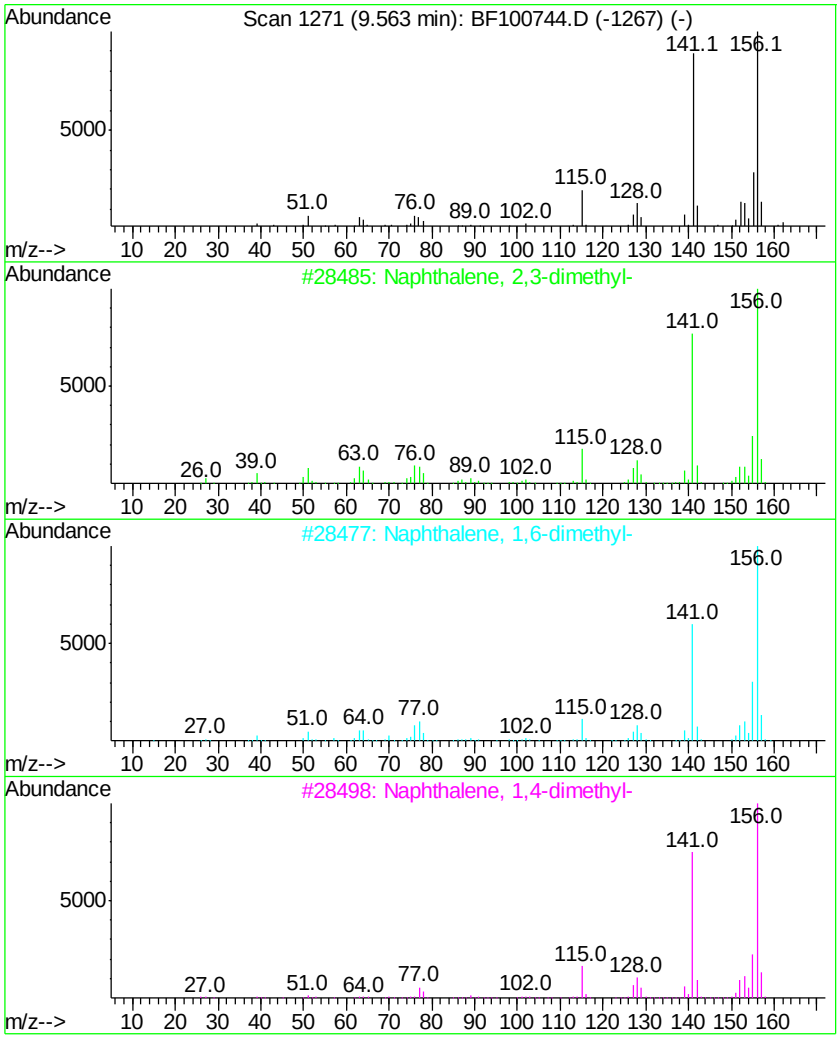
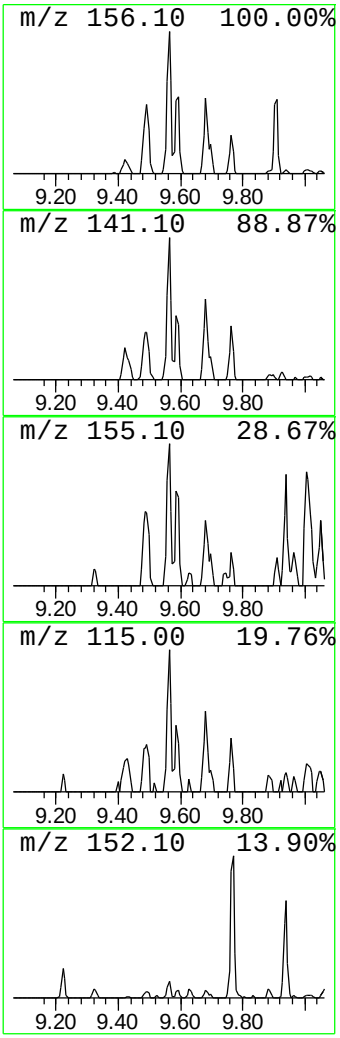
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	2.24 ng	91747	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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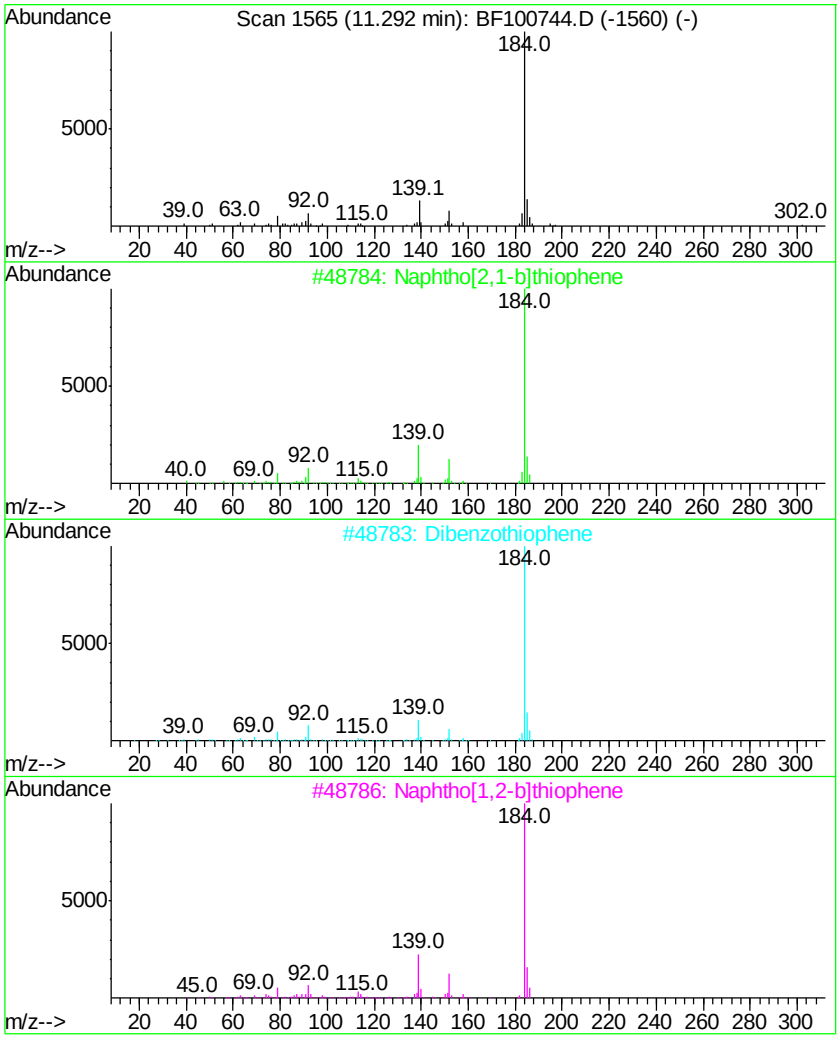
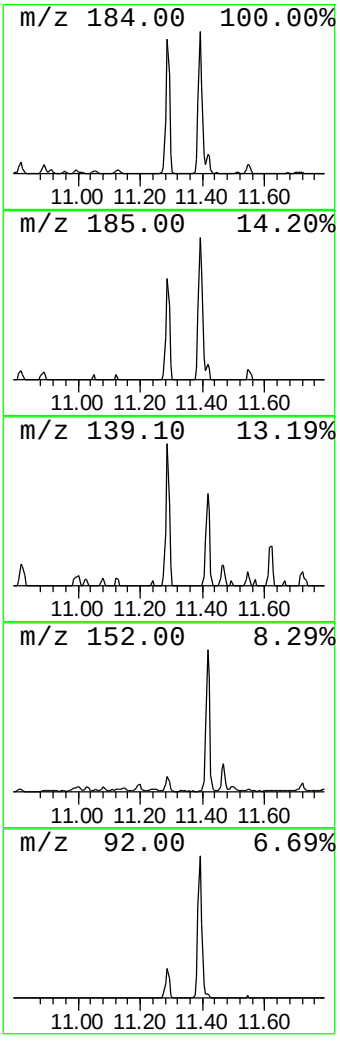
Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.84 ng	114698	Phenanthrene-d10	11.39

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	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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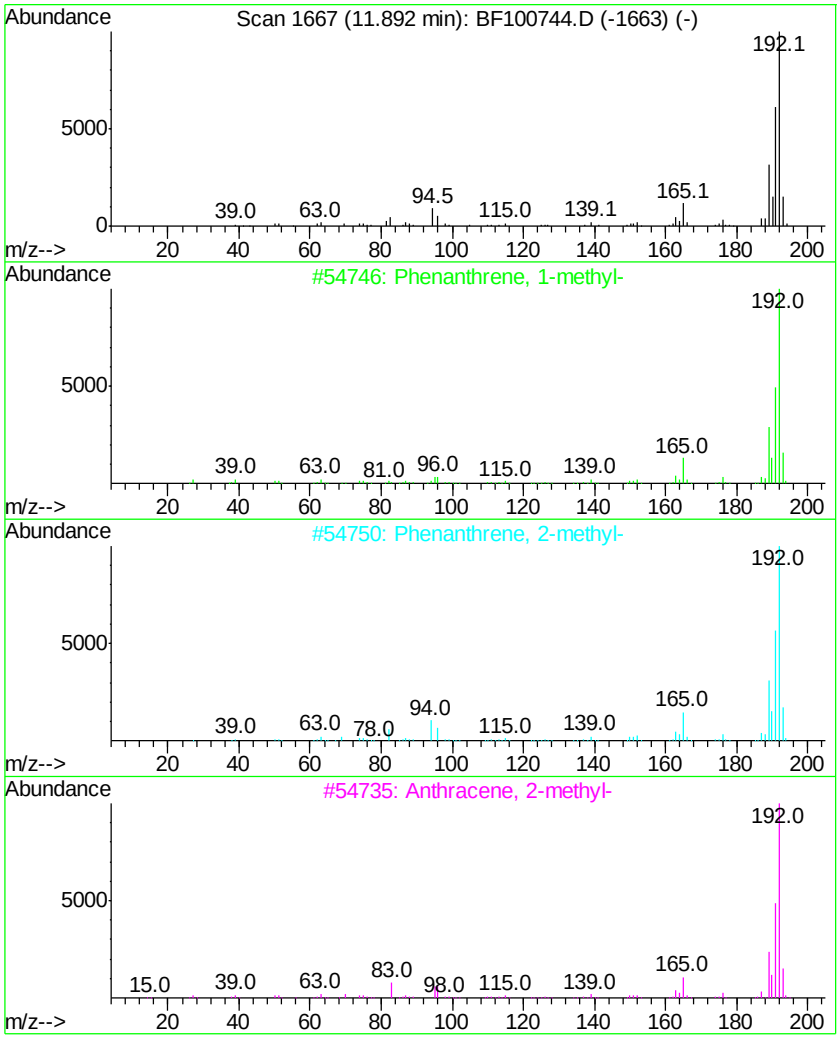
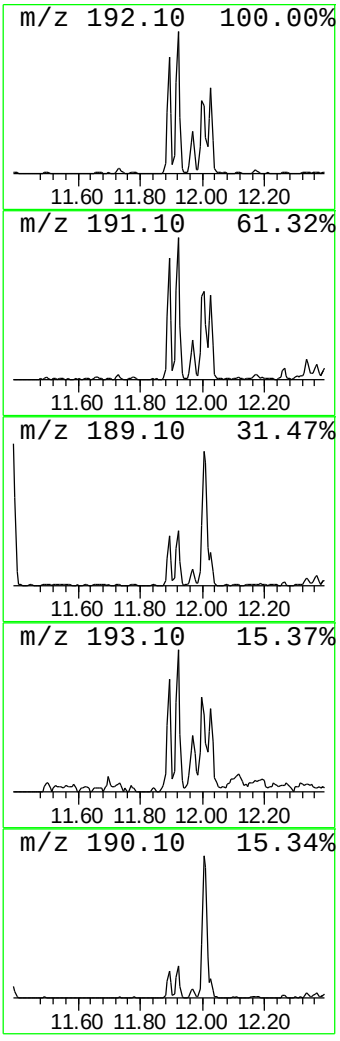
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.52 ng	182441	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100744.D
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Operator : SJ/JU
Sample : I6304-12 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

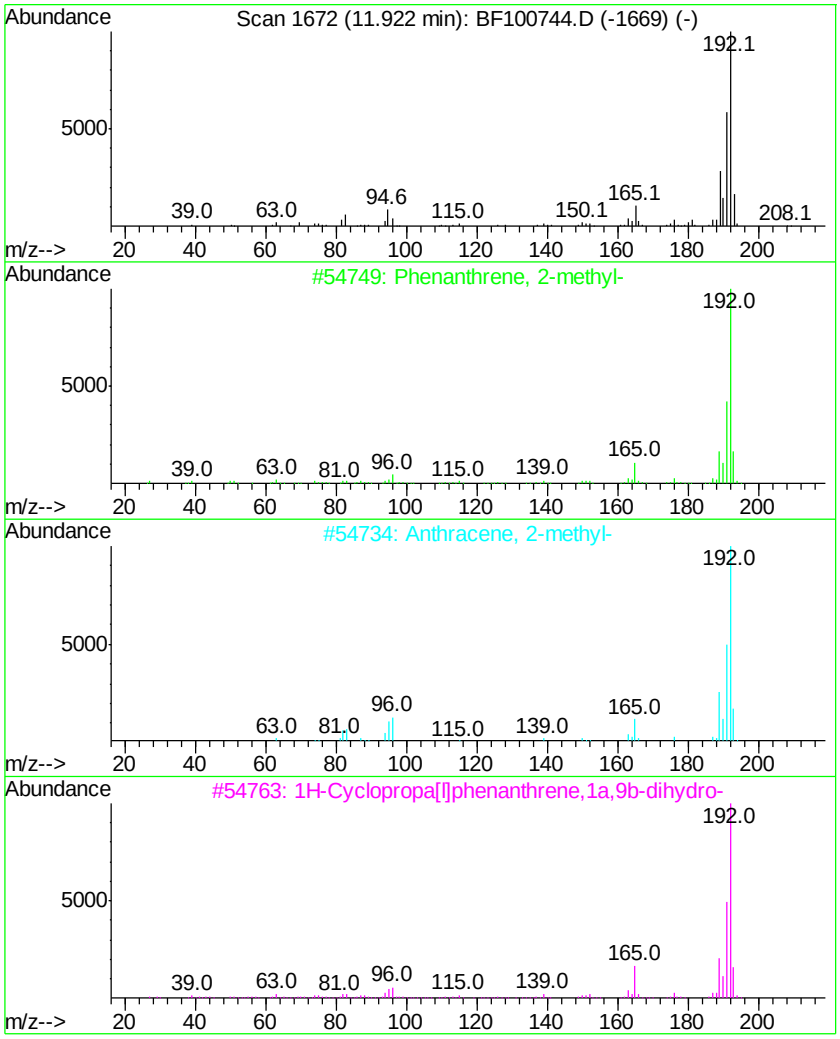
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

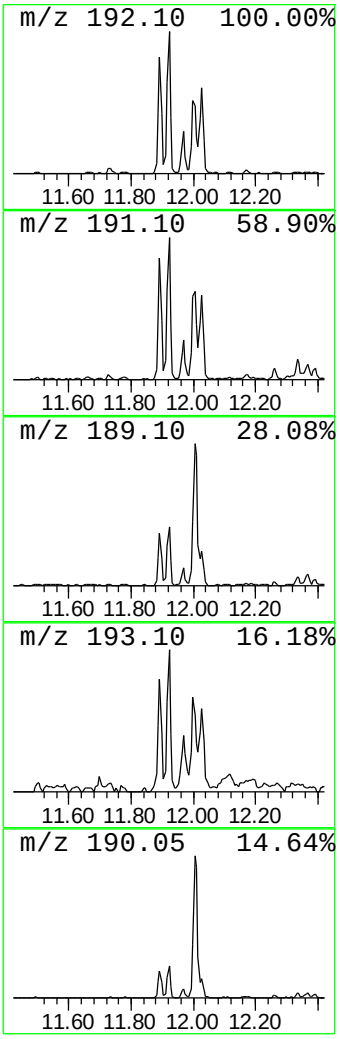
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.20 ng	209813	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Acq On : 20 Nov 2017 21:40
Operator : SJ/JU
Sample : I6304-12 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

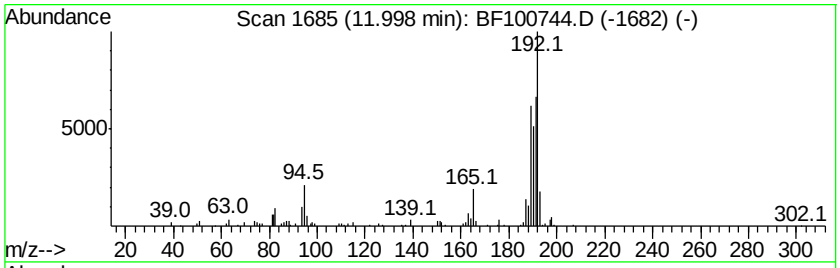
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

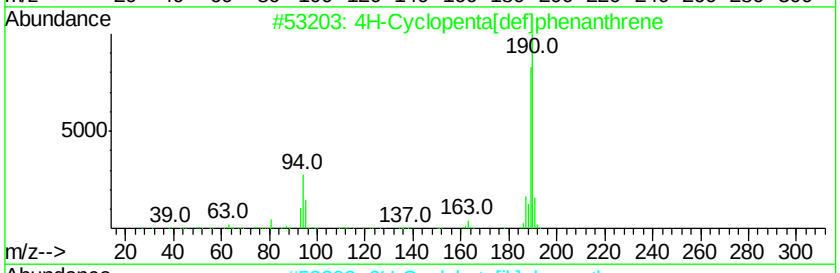
****

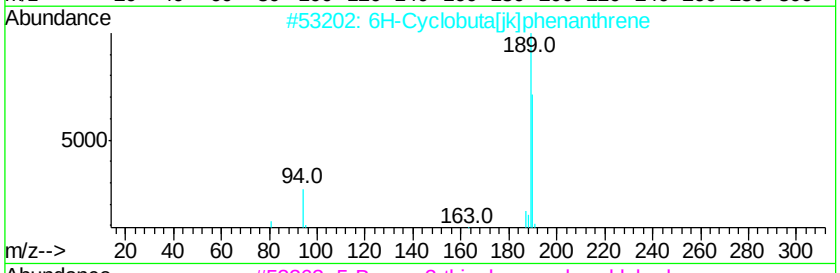
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

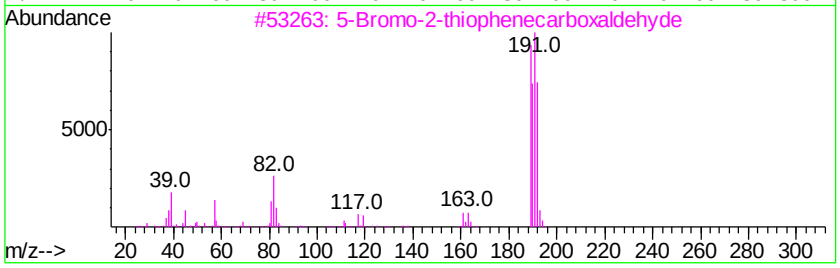
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.94 ng	279959	Phenanthrene-d10	11.39

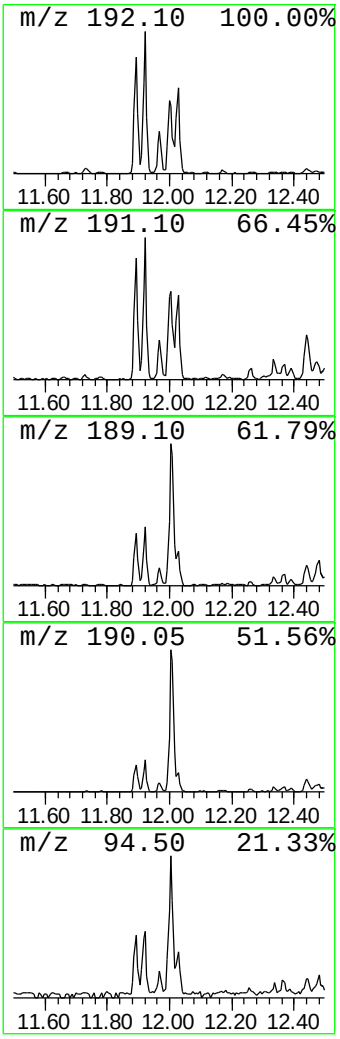
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27











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Instrument : BNA_F
ClientSampleId : CL-01-111617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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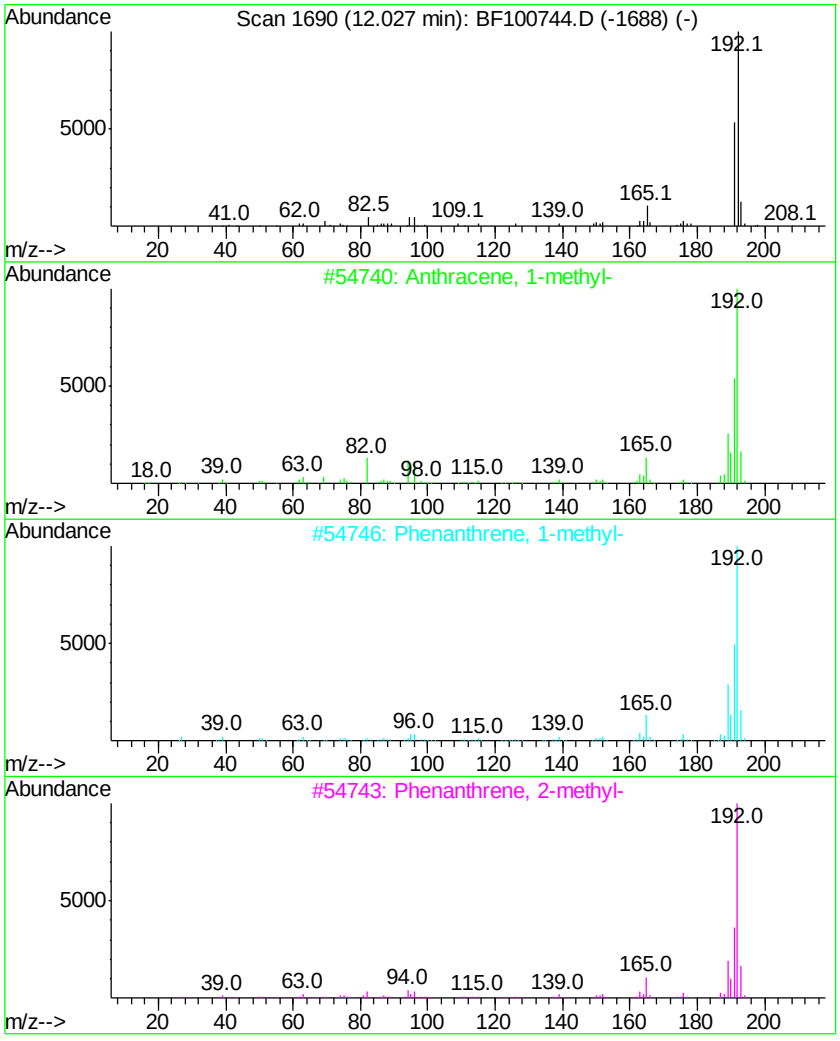
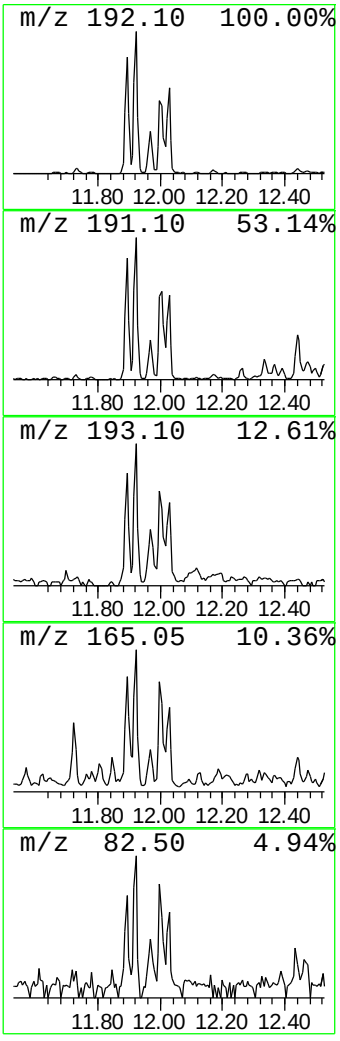
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.79 ng	112451	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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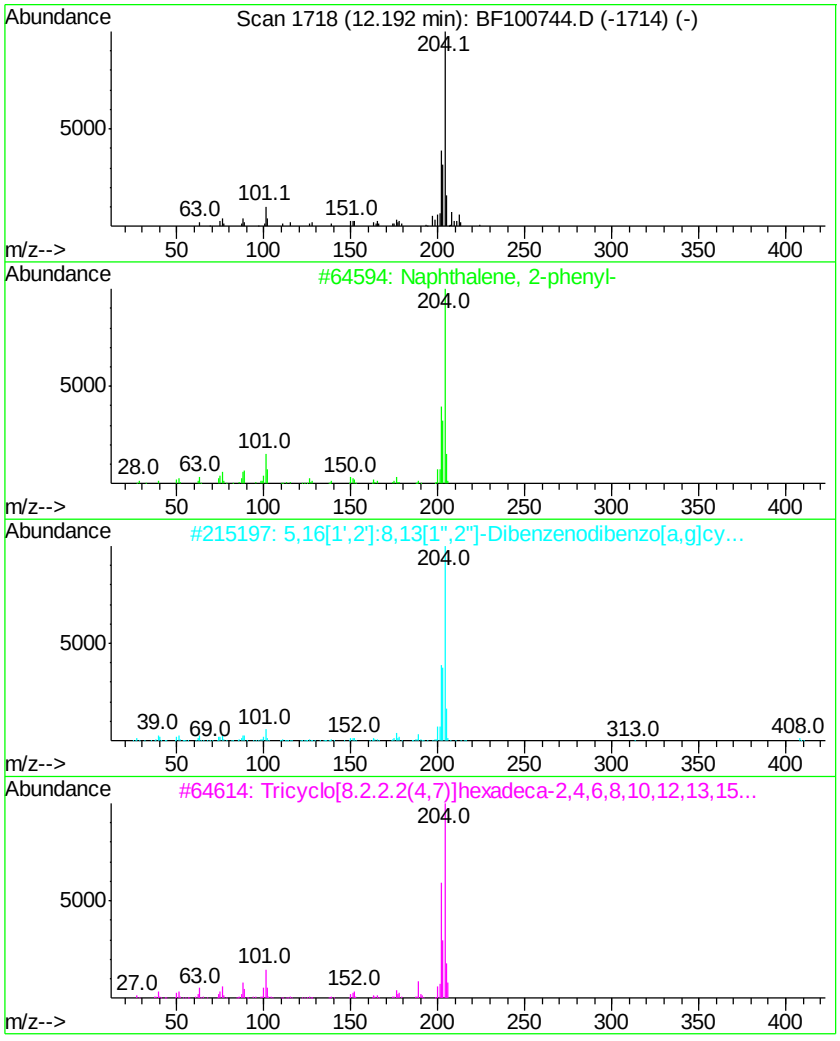
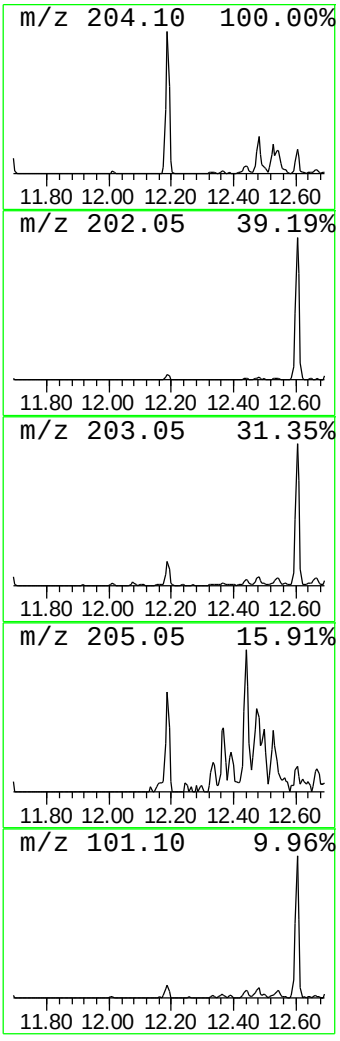
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.17 ng	87608	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Integration Parameters: LSCINT.P

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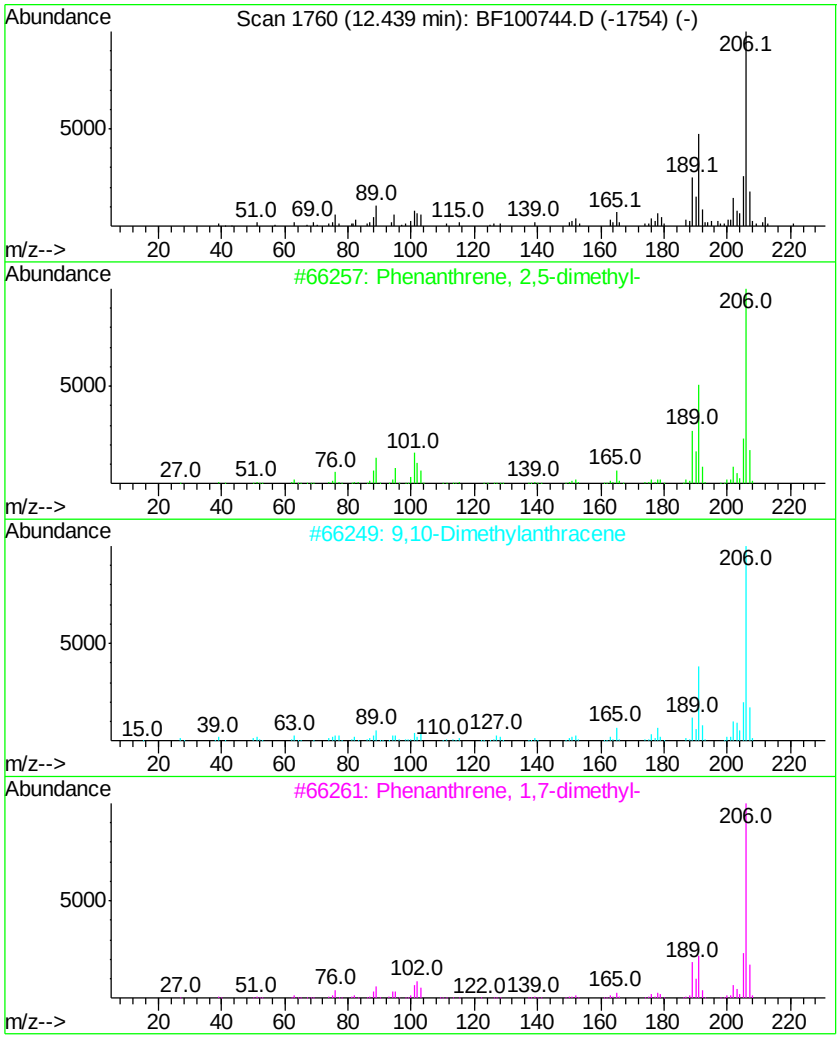
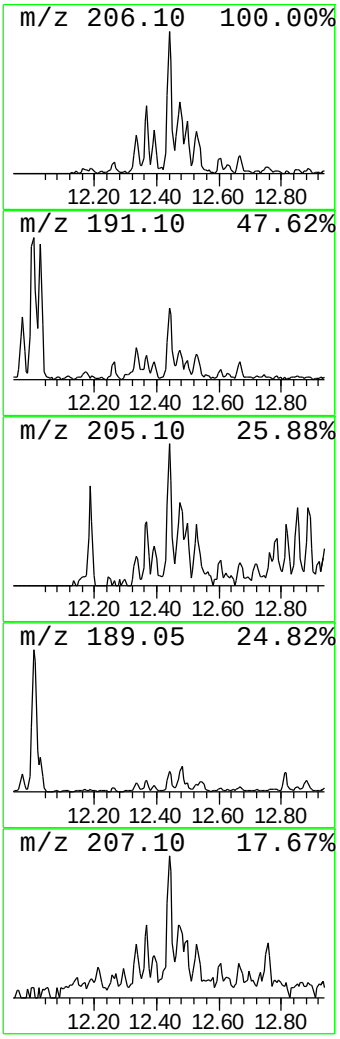
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.65 ng	147343	Phenanthrene-d10	11.39

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	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Operator : SJ/JU
Sample : I6304-12 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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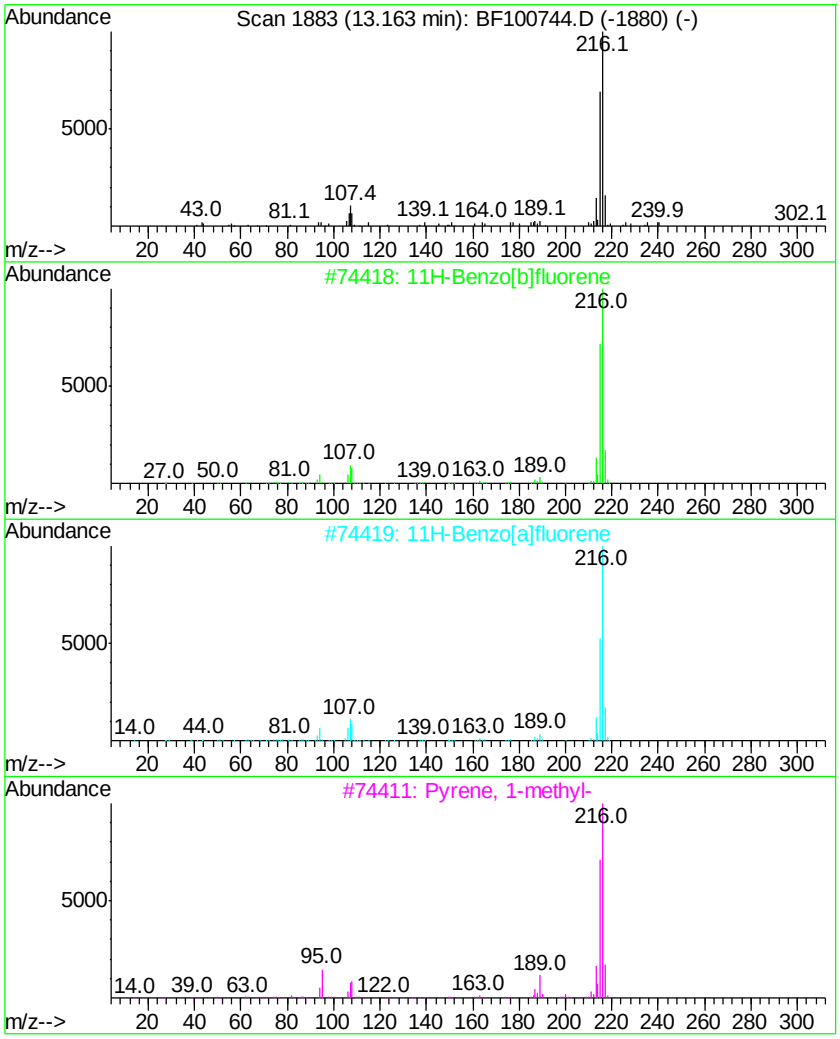
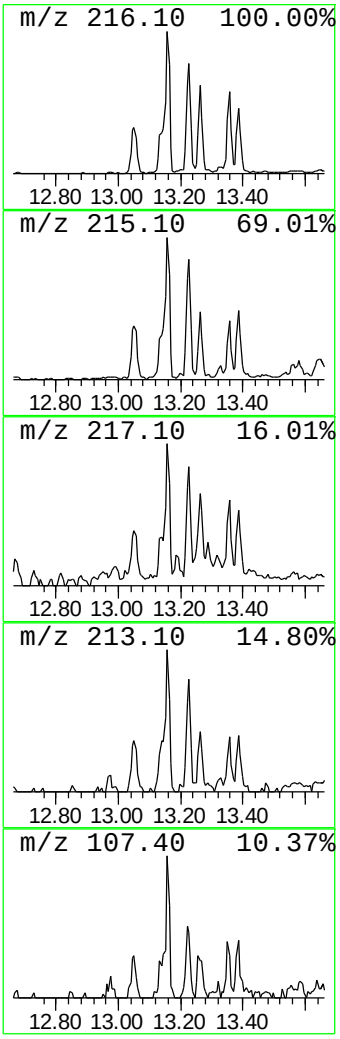
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.54 ng	126106	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





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Misc :
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ClientSampleId : CL-01-111617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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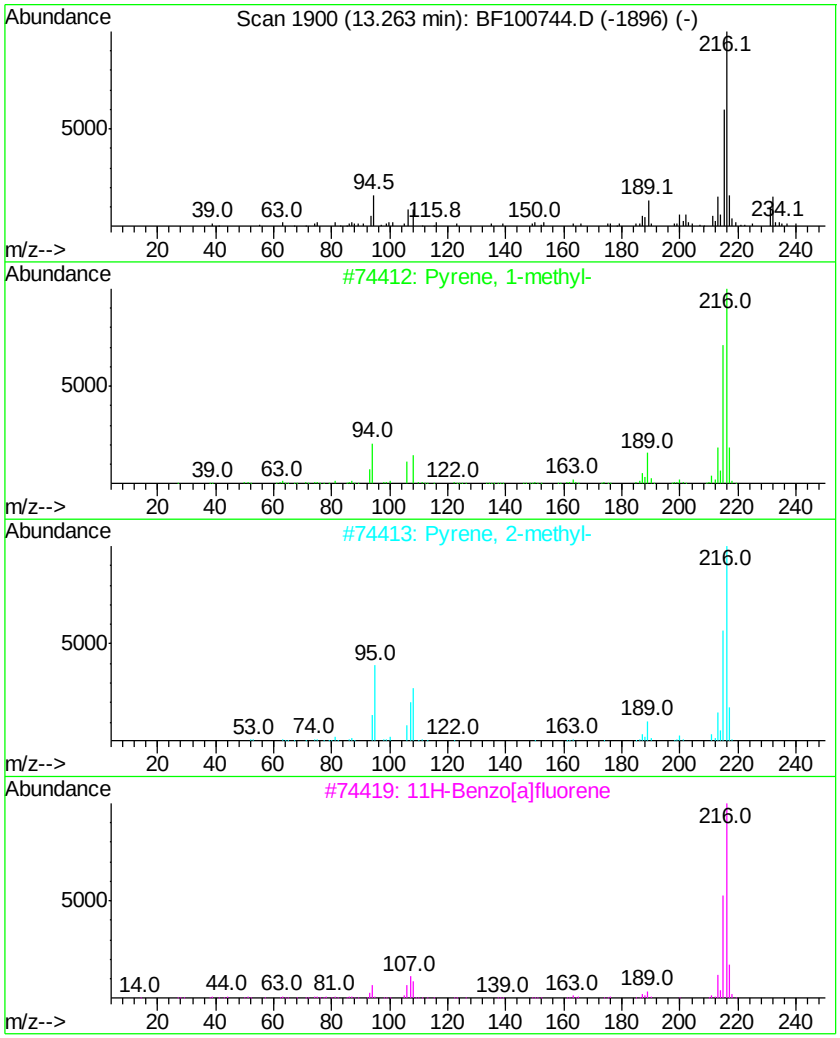
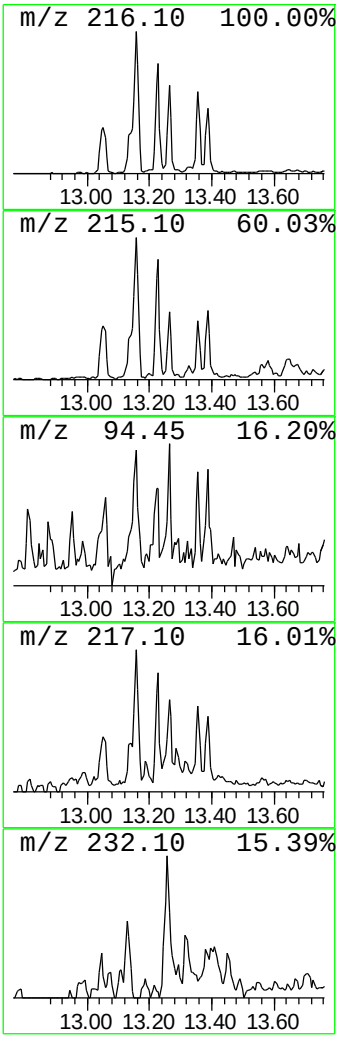
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.13 ng	105670	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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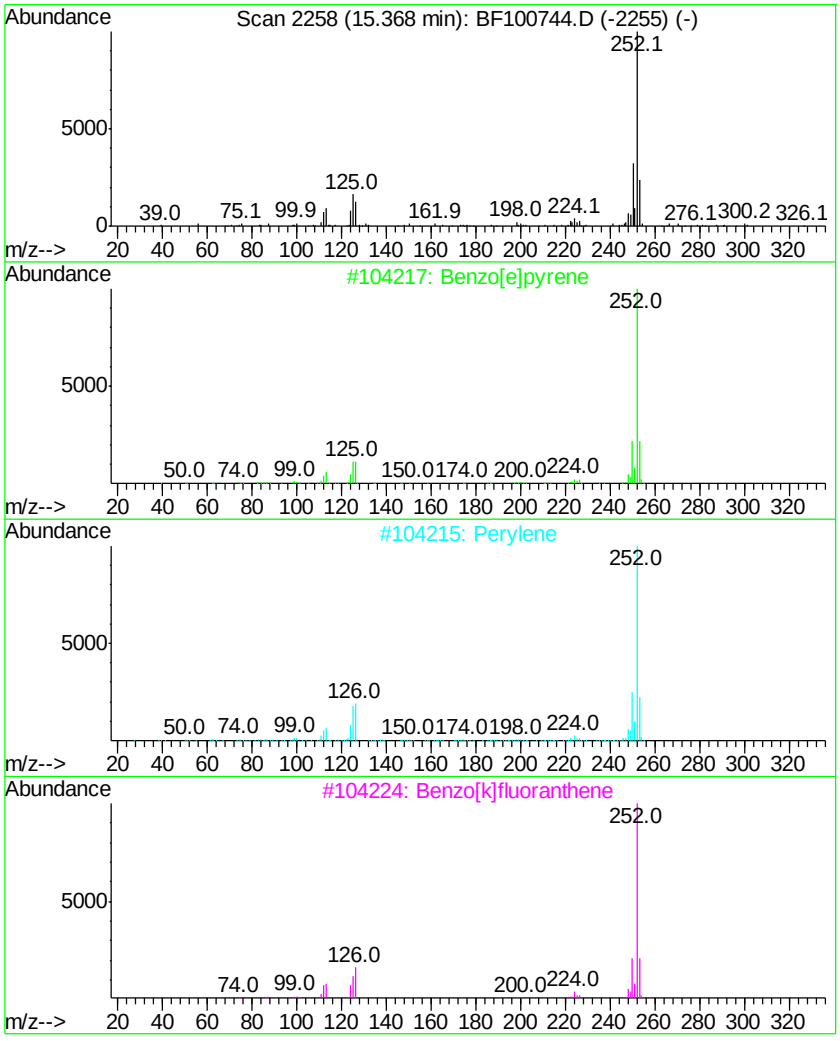
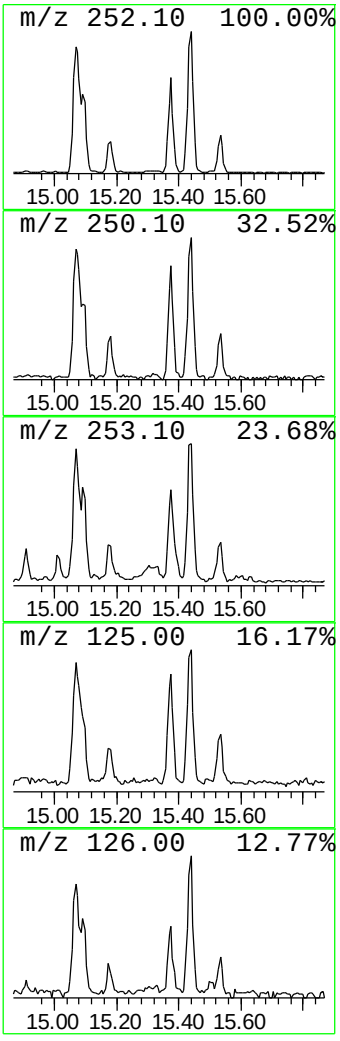
Peak Number 15 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.26 ng	153642	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Perylene	252	C20H12	000198-55-0	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89





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Instrument : BNA_F
ClientSampleId : CL-01-111617-A

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TIC Library : C:\DATABASE\NIST11.L
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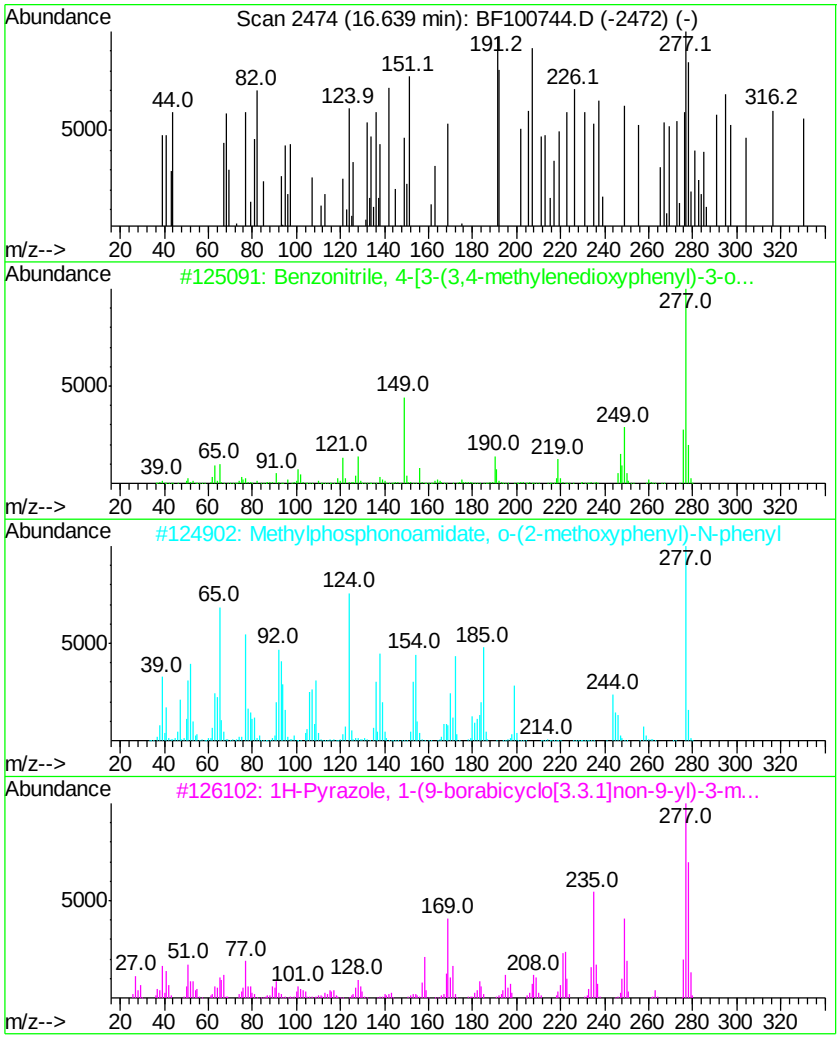
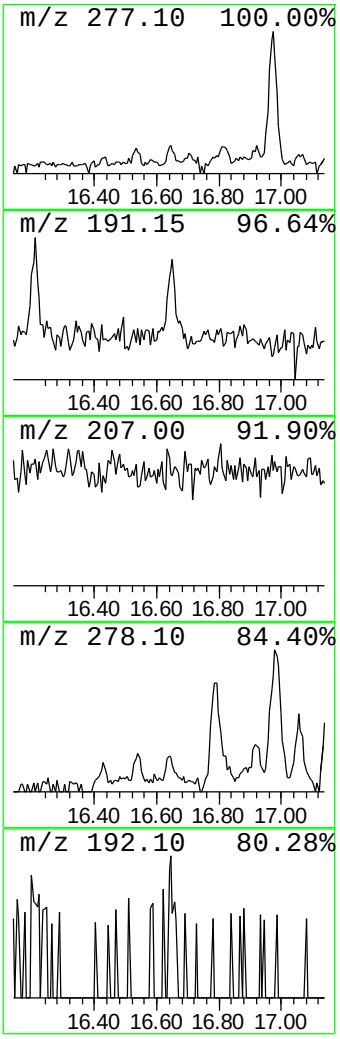
Peak Number 16 unknown16.64 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	2.12 ng	76693	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-[3-(3,4-methylen...	277	C17H11NO3	1000273-95-6	11
2	Methylphosphonoamidate, o-(2-met...	277	C14H16NO3P	1000294-20-0	11
3	1H-Pyrazole, 1-(9-borabicyclo[3....	278	C18H23BN2	125995-69-9	11
4	Isoquinoline, 2-(2,2-dimethyl-1-...	277	C16H23NO3	104299-14-1	11
5	Quinoline, 8-methyl-2-(2-methyl-...	278	C17H14N2O2	1000259-06-9	10





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.63	6.63	7.2	ng	223174	1	6.87	618956	20.0
Naphthalene, 2,3-...	9.56	2.2	ng	91747	3	9.90	820774	20.0
Naphtho[2,1-b]thi...	11.29	2.8	ng	114698	4	11.39	807269	20.0
Phenanthrene, 1-m...	11.89	4.5	ng	182441	4	11.39	807269	20.0
Phenanthrene, 2-m...	11.92	5.2	ng	209813	4	11.39	807269	20.0
4H-Cyclopenta[def...	12.00	6.9	ng	279959	4	11.39	807269	20.0
Anthracene, 1-met...	12.03	2.8	ng	112451	4	11.39	807269	20.0
Naphthalene, 2-ph...	12.19	2.2	ng	87608	4	11.39	807269	20.0
Phenanthrene, 2,5...	12.44	3.6	ng	147343	4	11.39	807269	20.0
11H-Benzo[b]fluorene	13.16	2.5	ng	126106	5	14.03	993318	20.0
Pyrene, 1-methyl-	13.26	2.1	ng	105670	5	14.03	993318	20.0
Benzo[e]pyrene	15.37	4.3	ng	153642	6	15.50	722102	20.0
unknown16.64	16.64	2.1	ng	76693	6	15.50	722102	20.0