LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104913.D
Acq On : 28 Apr 2018 6:34
Operator : JU/SJ
Sample : J2565-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

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-BF040618.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	5.004	488	496	507	rBV	75053	111210	5.02%	0.354%
2	5.416	562	566	583	rBV	1903915	2008381	90.72%	6.395%
3	5.628	599	602	606	rVB2	30387	31840	1.44%	0.101%
4	6.445	736	741	753	rBV	1888419	2047906	92.50%	6.521%
5	6.575	758	763	766	rVV	2238663	2116954	95.62%	6.741%
6	6.622	769	771	785	rVB5	18537	27314	1.23%	0.087%
7	6.798	798	801	807	rBV	718755	567926	25.65%	1.808%
8	6.957	824	828	831	rBV	1976023	1695385	76.58%	5.399%
9	7.369	893	898	908	rBV	1295453	1246389	56.30%	3.969%
10	8.086	1016	1020	1022	rBV	699663	663991	29.99%	2.114%
11	8.798	1138	1141	1149	rBV	36580	36973	1.67%	0.118%
12	8.898	1154	1158	1161	rBV	38815	35301	1.59%	0.112%
13	9.157	1198	1202	1212	rBV	2432574	2213904	100.00%	7.050%
14	9.228	1212	1214	1217	rVB	27261	24594	1.11%	0.078%
15	9.498	1256	1260	1263	rBV	40334	46809	2.11%	0.149%
16	9.551	1266	1269	1277	rVB	264238	241704	10.92%	0.770%
17	9.704	1292	1295	1298	rBV	47439	43696	1.97%	0.139%
18	9.763	1298	1305	1308	rVV	71572	64170	2.90%	0.204%
19	9.839	1315	1318	1321	rBV	817985	677439	30.60%	2.157%
20	9.875	1321	1324	1327	rVB	107861	100889	4.56%	0.321%
21	9.998	1340	1345	1347	rBV2	21065	27148	1.23%	0.086%
22	10.045	1350	1353	1356	rVV2	60735	62172	2.81%	0.198%
23	10.080	1356	1359	1363	rVB2	41403	38281	1.73%	0.122%
24	10.263	1382	1390	1393	rBV2	96515	109891	4.96%	0.350%
25	10.392	1408	1412	1417	rVB2	79331	87695	3.96%	0.279%
26	10.475	1424	1426	1429	rVB	32826	30240	1.37%	0.096%
27	10.545	1433	1438	1444	rVB3	38908	52997	2.39%	0.169%
28	10.633	1449	1453	1459	rBV	1268976	1175862	53.11%	3.744%
29	10.733	1467	1470	1479	rVB3	90471	121588	5.49%	0.387%
30	10.939	1498	1505	1507	rBV4	37381	55338	2.50%	0.176%
31	11.063	1522	1526	1528	rBV4	34063	40688	1.84%	0.130%
32	11.086	1528	1530	1535	rVV3	35771	42674	1.93%	0.136%
33	11.139	1536	1539	1543	rVV	77575	70085	3.17%	0.223%
34	11.186	1543	1547	1549	rVV3	72198	82495	3.73%	0.263%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J2565-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.227	1552	1554	1558	rVB	66800	56814	2.57%	0.181%
36	11.333	1568	1572	1574	rBV	714187	680474	30.74%	2.167%
37	11.357	1574	1576	1582	rVV	1151591	922708	41.68%	2.938%
38	11.410	1582	1585	1588	rVV	241492	212531	9.60%	0.677%
39	11.445	1589	1591	1596	rVB	23544	28957	1.31%	0.092%
40	11.569	1607	1612	1616	rBV2	105827	134012	6.05%	0.427%
41	11.669	1626	1629	1633	rVB3	35781	48033	2.17%	0.153%
42	11.833	1653	1657	1659	rBV	177971	148959	6.73%	0.474%
43	11.863	1659	1662	1666	rVV	235700	208516	9.42%	0.664%
44	11.910	1667	1670	1673	rVV	74744	62932	2.84%	0.200%
45	11.945	1673	1676	1679	rVV	227270	261055	11.79%	0.831%
46	11.969	1679	1680	1685	rVB	124190	78487	3.55%	0.250%
47	12.016	1685	1688	1691	rBV4	37339	40005	1.81%	0.127%
48	12.127	1704	1707	1710	rBV	119084	105332	4.76%	0.335%
49	12.163	1710	1713	1717	rVB	110450	99420	4.49%	0.317%
50	12.280	1728	1733	1735	rBV	54181	66011	2.98%	0.210%
51	12.310	1735	1738	1740	rVV	51324	46154	2.08%	0.147%
52	12.333	1740	1742	1745	rVV	42787	34555	1.56%	0.110%
53	12.386	1747	1751	1753	rVV	110092	113190	5.11%	0.360%
54	12.421	1753	1757	1759	rVV3	68975	95461	4.31%	0.304%
55	12.439	1759	1760	1763	rVV	39883	29167	1.32%	0.093%
56	12.474	1763	1766	1771	rVB2	96046	116212	5.25%	0.370%
57	12.551	1775	1779	1783	rBV	1572696	1410640	63.72%	4.492%
58	12.592	1783	1786	1788	rBV	32207	27109	1.22%	0.086%
59	12.616	1788	1790	1793	rVB2	44475	37979	1.72%	0.121%
60	12.698	1797	1804	1807	rBV4	60697	94268	4.26%	0.300%
61	12.727	1807	1809	1812	rVB2	73113	59460	2.69%	0.189%
62	12.780	1812	1818	1824	rBV	1310766	1530292	69.12%	4.873%
63	12.827	1824	1826	1830	rVB2	87102	84881	3.83%	0.270%
64	12.921	1834	1842	1844	rBV	1887908	1821076	82.26%	5.799%
65	12.939	1844	1845	1848	rVB	83719	64063	2.89%	0.204%
66	12.998	1850	1855	1859	rBV2	110753	192903	8.71%	0.614%
67	13.086	1866	1870	1871	rBV2	98866	114528	5.17%	0.365%
68	13.110	1871	1874	1877	rVB	183196	180739	8.16%	0.576%
69	13.174	1882	1885	1887	rBV	96658	79754	3.60%	0.254%
70	13.210	1887	1891	1894	rBV2	143468	175968	7.95%	0.560%
71	13.268	1899	1901	1904	rVB2	31690	27432	1.24%	0.087%

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Misc :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.304	1904	1907	1910	rBV	93754	83594	3.78%	0.266%
73	13.333	1910	1912	1916	rBV2	83466	94472	4.27%	0.301%
74	13.480	1935	1937	1939	rBV2	41422	43551	1.97%	0.139%
75	13.533	1944	1946	1948	rVB	48483	45601	2.06%	0.145%
76	13.621	1959	1961	1964	rVB	169594	140120	6.33%	0.446%
77	13.727	1976	1979	1982	rBV	139607	142996	6.46%	0.455%
78	13.757	1982	1984	1986	rVV	135698	112948	5.10%	0.360%
79	13.780	1986	1988	1990	rVV	103013	117437	5.30%	0.374%
80	13.804	1990	1992	1995	rVV3	253941	304173	13.74%	0.969%
81	13.827	1995	1996	2003	rVB	172869	162938	7.36%	0.519%
82	13.980	2017	2022	2025	rBV2	854847	1273049	57.50%	4.054%
83	14.010	2025	2027	2030	rVB	672403	500436	22.60%	1.594%
84	14.086	2038	2040	2043	rBV	68614	47528	2.15%	0.151%
85	14.127	2045	2047	2051	rBV3	63946	61397	2.77%	0.196%
86	14.215	2060	2062	2064	rVB	71292	54649	2.47%	0.174%
87	14.333	2079	2082	2084	rBV	54375	65816	2.97%	0.210%
88	14.368	2086	2088	2092	rVB	117170	113488	5.13%	0.361%
89	14.404	2092	2094	2097	rBV	59937	57462	2.60%	0.183%
90	14.439	2097	2100	2103	rBV3	73982	111887	5.05%	0.356%
91	14.498	2108	2110	2112	rBV	58700	45842	2.07%	0.146%
92	15.027	2196	2200	2207	rBV	447016	833773	37.66%	2.655%
93	15.133	2216	2218	2224	rVB	89403	99440	4.49%	0.317%
94	15.327	2248	2251	2257	rVB	245188	304544	13.76%	0.970%
95	15.392	2258	2262	2268	rVB	345620	412875	18.65%	1.315%
96	15.451	2268	2272	2275	rBV2	306753	395073	17.85%	1.258%
97	16.921	2518	2522	2531	rVB2	147327	288067	13.01%	0.917%

Sum of corrected areas: 31403162

LSC Report - Integrated Chromatogram

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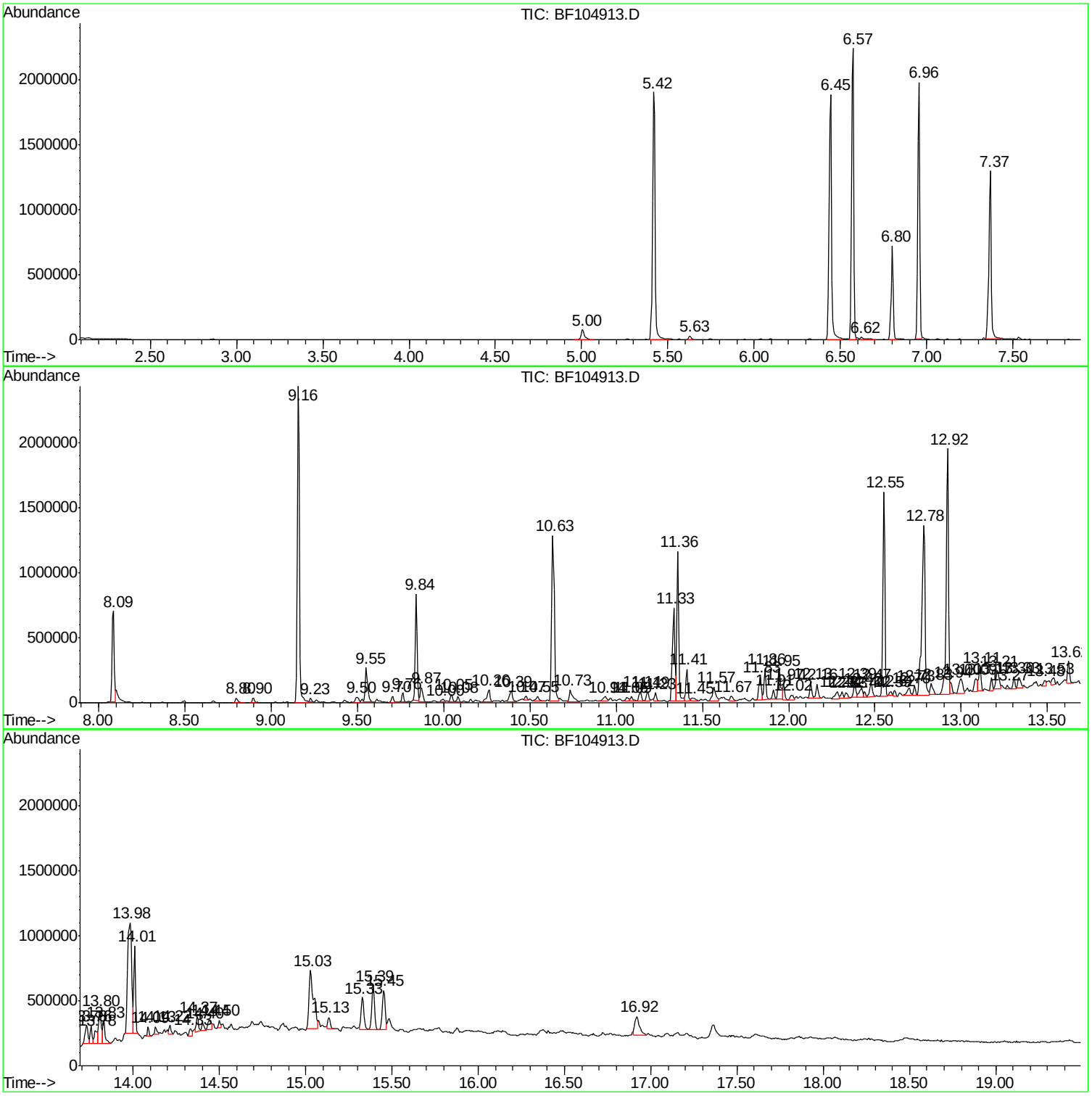
Data File : BF104913.D
Acq On : 28 Apr 2018 6:34
Operator : JU/SJ
Sample : J2565-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF042718\
Data File : BF104913.D
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Operator : JU/SJ
Sample : J2565-07
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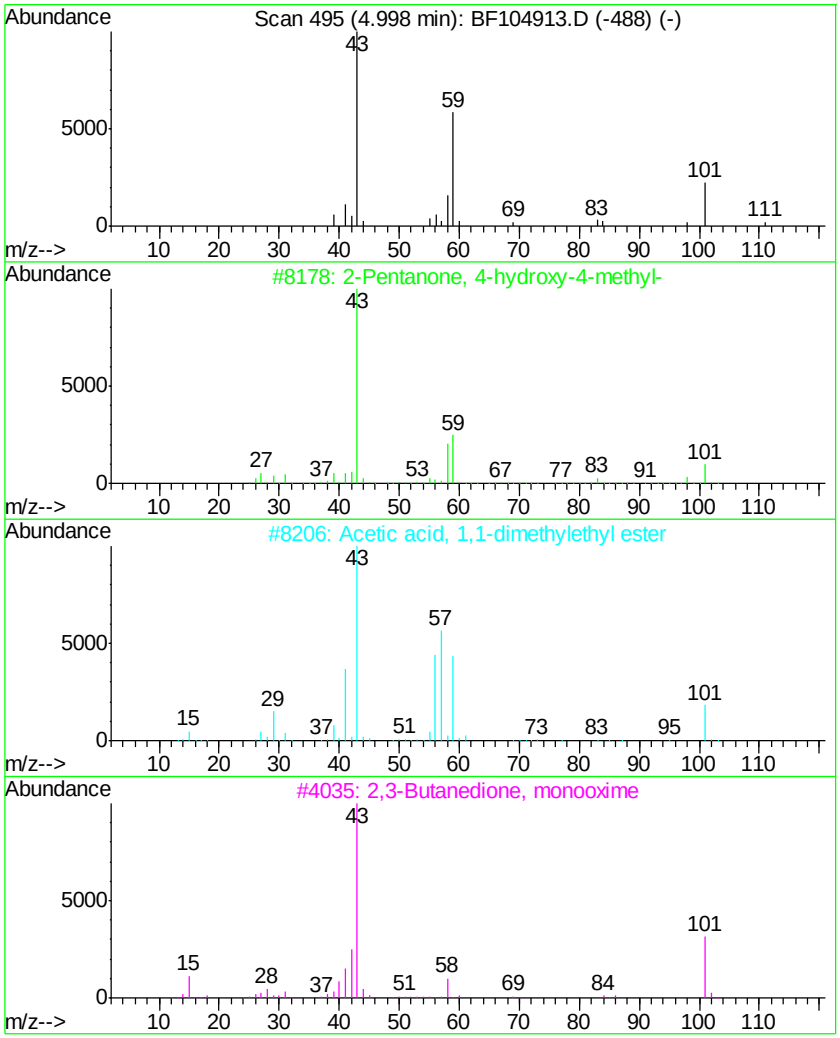
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

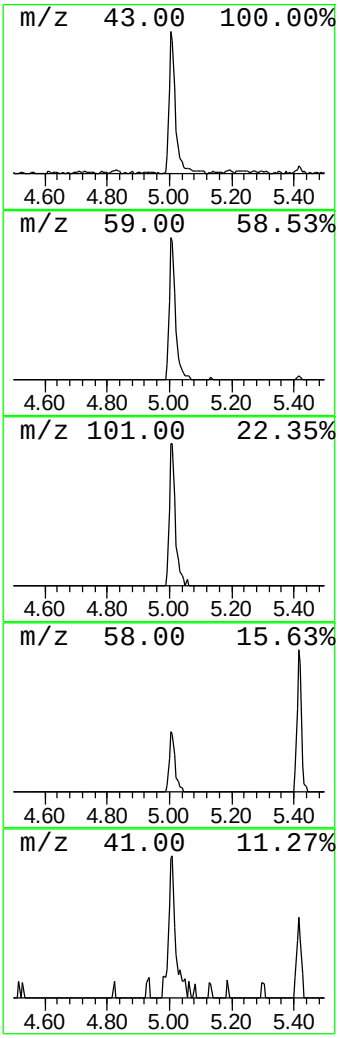
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.92 ng	111210	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	10





Library Search Compound Report

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Data File : BF104913.D
Acq On : 28 Apr 2018 6:34
Operator : JU/SJ
Sample : J2565-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

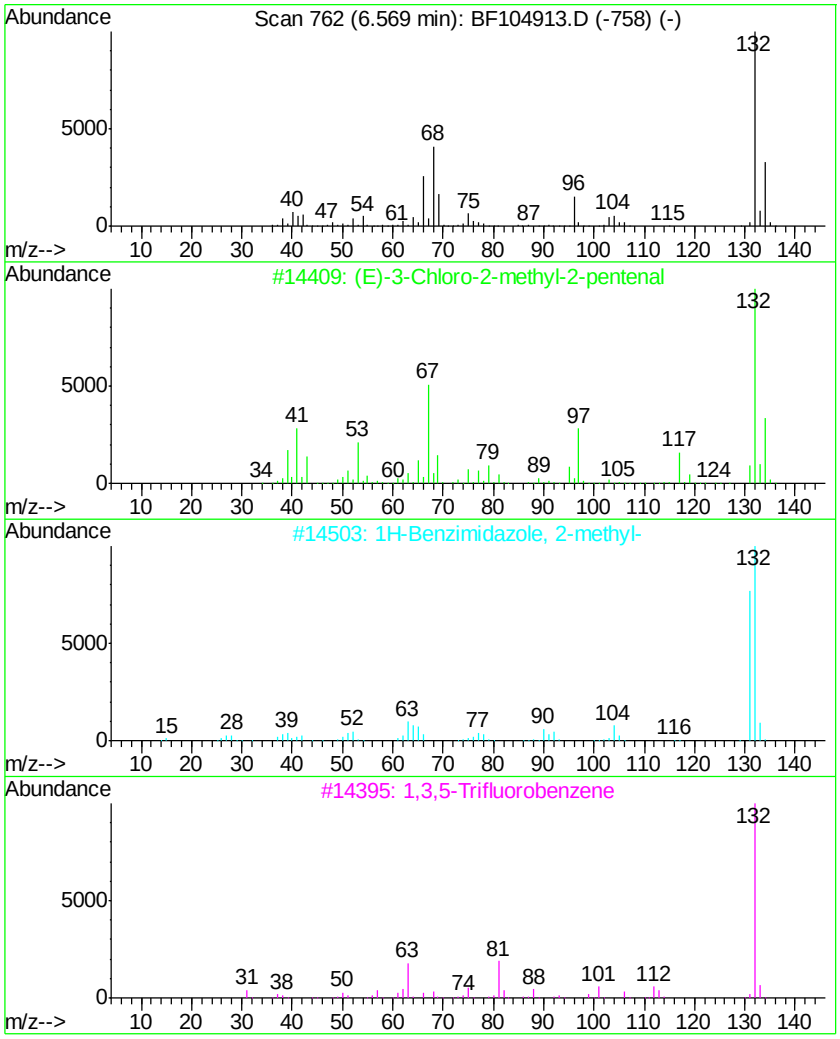
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

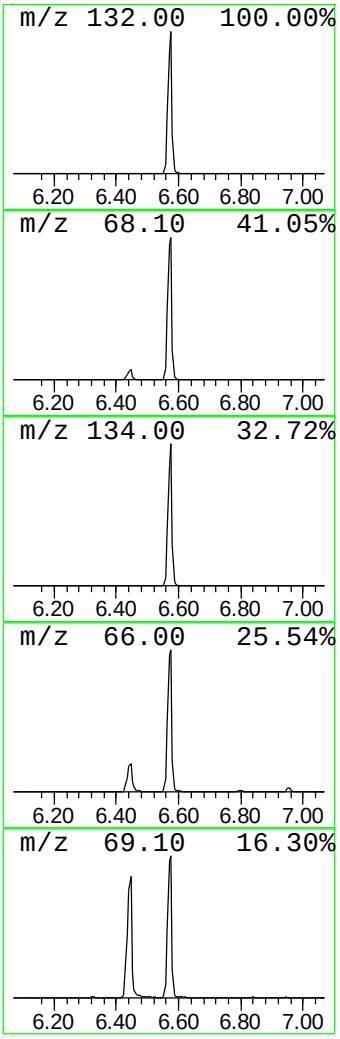
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	74.55 ng	2116950	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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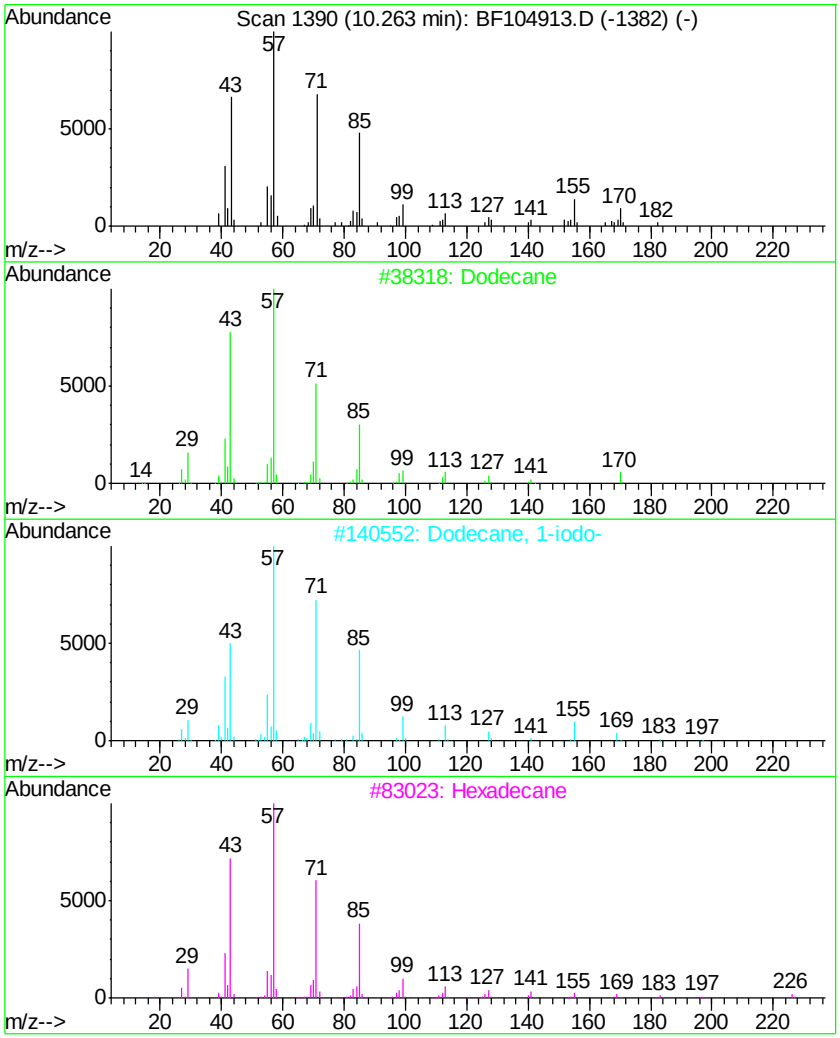
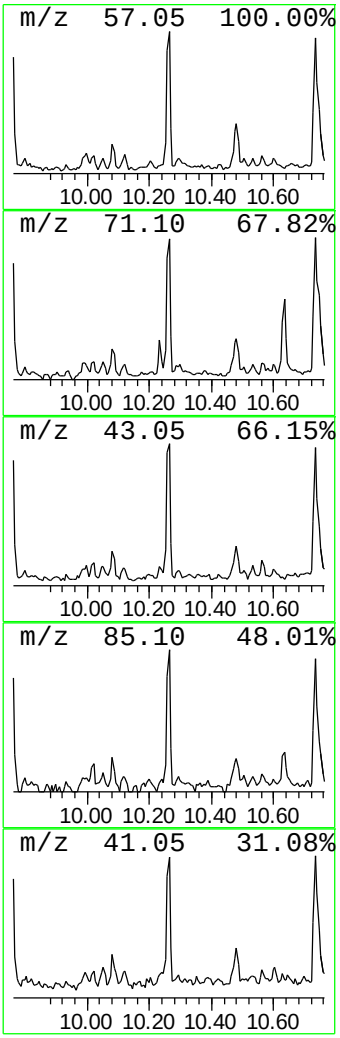
Peak Number 4 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	3.24 ng	109891	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Hexadecane	226	C16H34	000544-76-3	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
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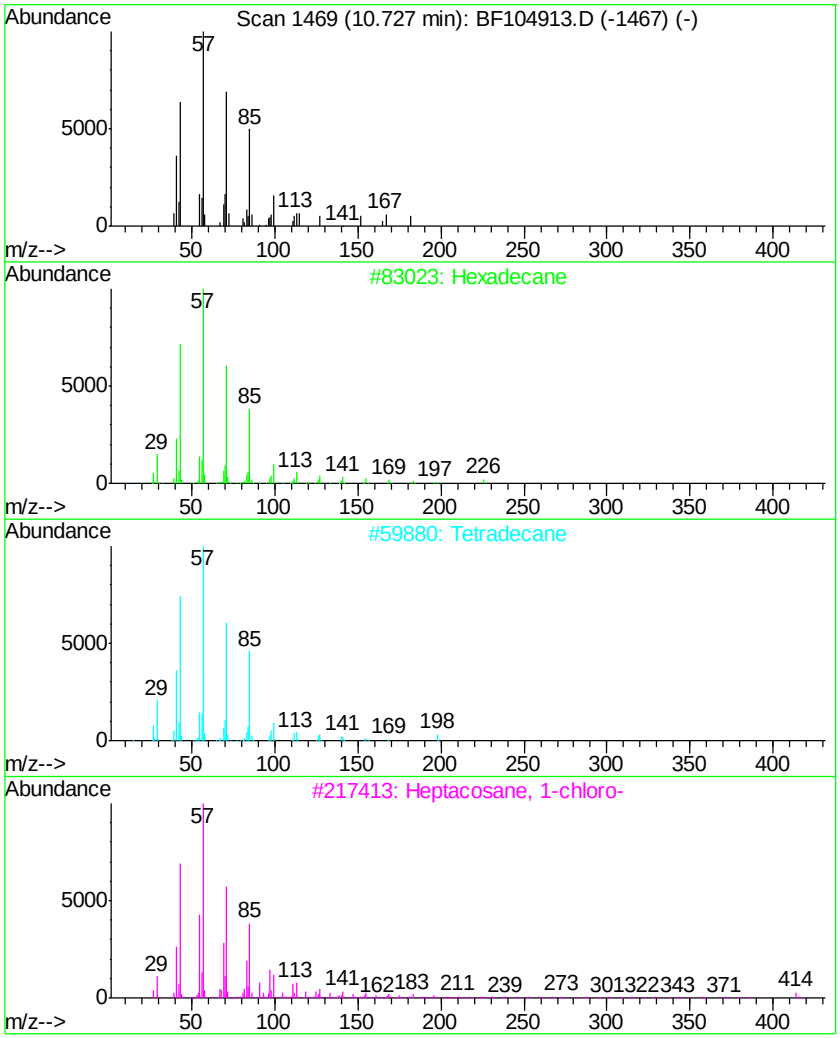
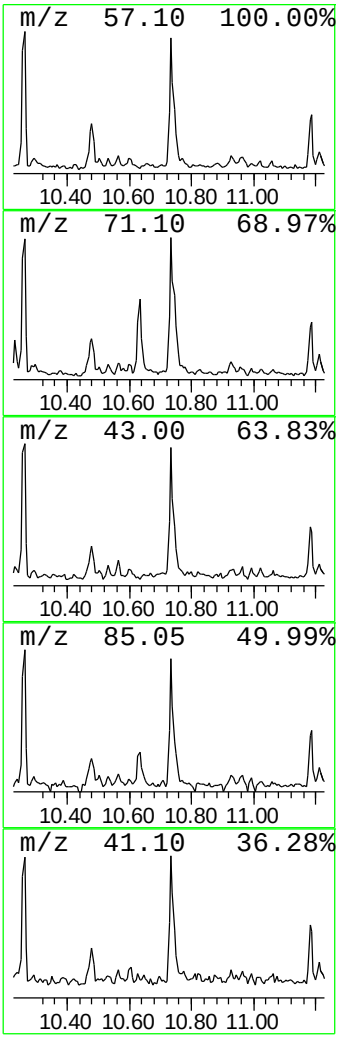
Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	3.57 ng	121588	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tetradecane	198	C14H30	000629-59-4	87
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Nonadecane	268	C19H40	000629-92-5	83





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Sample : J2565-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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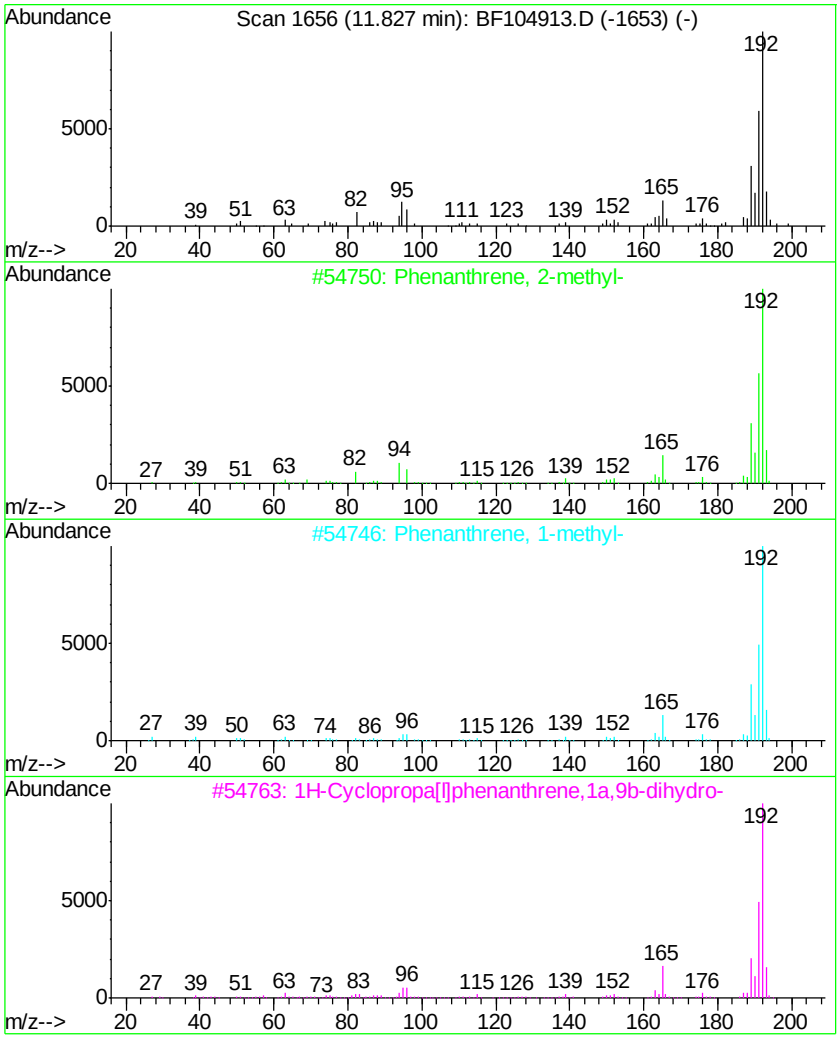
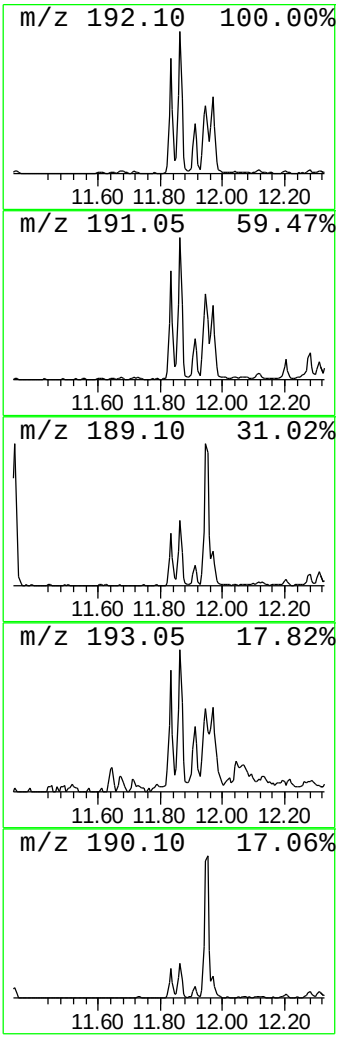
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.38 ng	148959	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Library Search Compound Report

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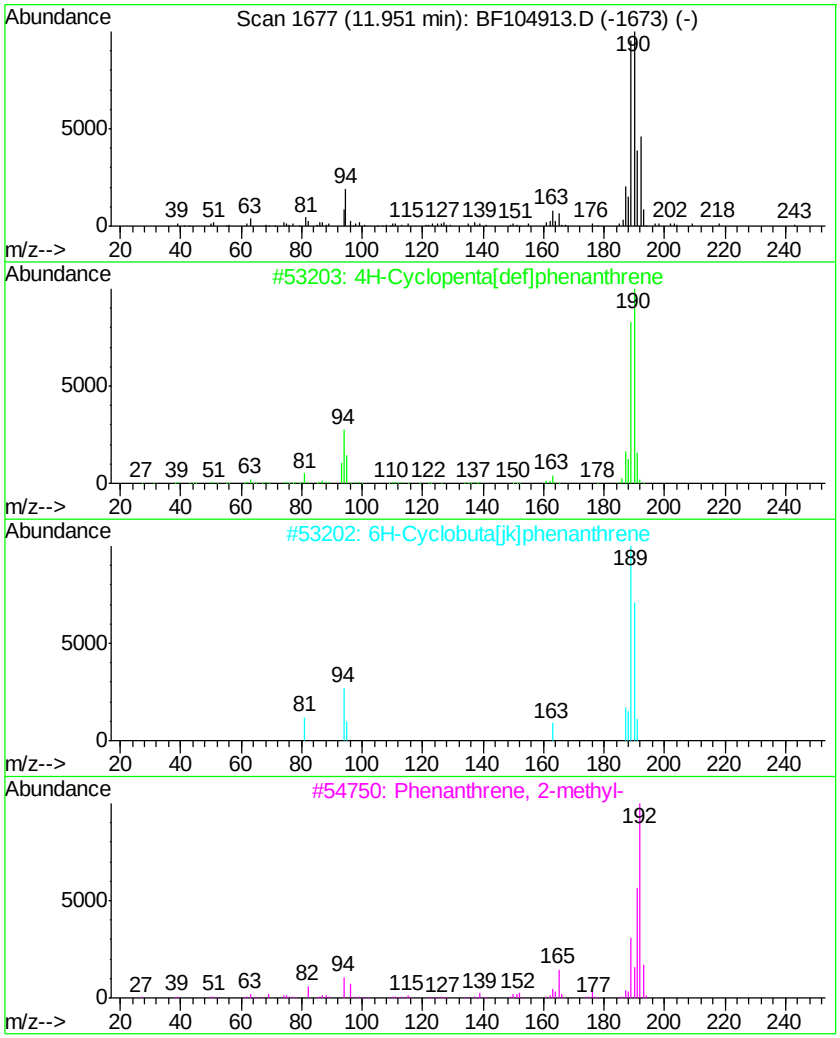
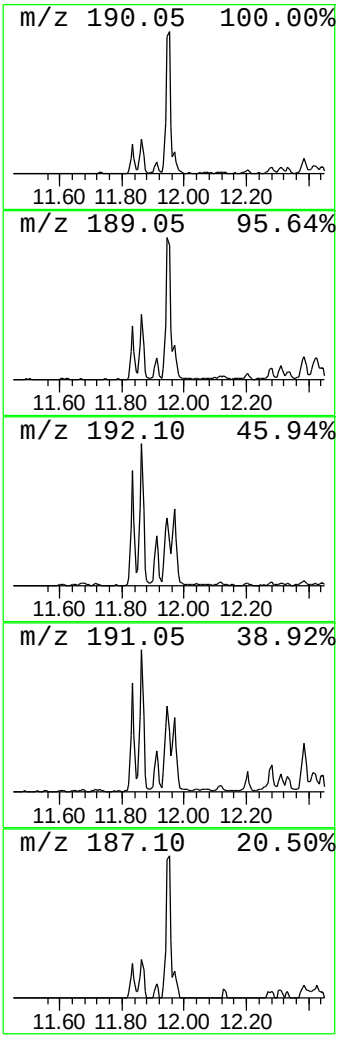
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	7.67 ng	261055	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Data File : BF104913.D
Acq On : 28 Apr 2018 6:34
Operator : JU/SJ
Sample : J2565-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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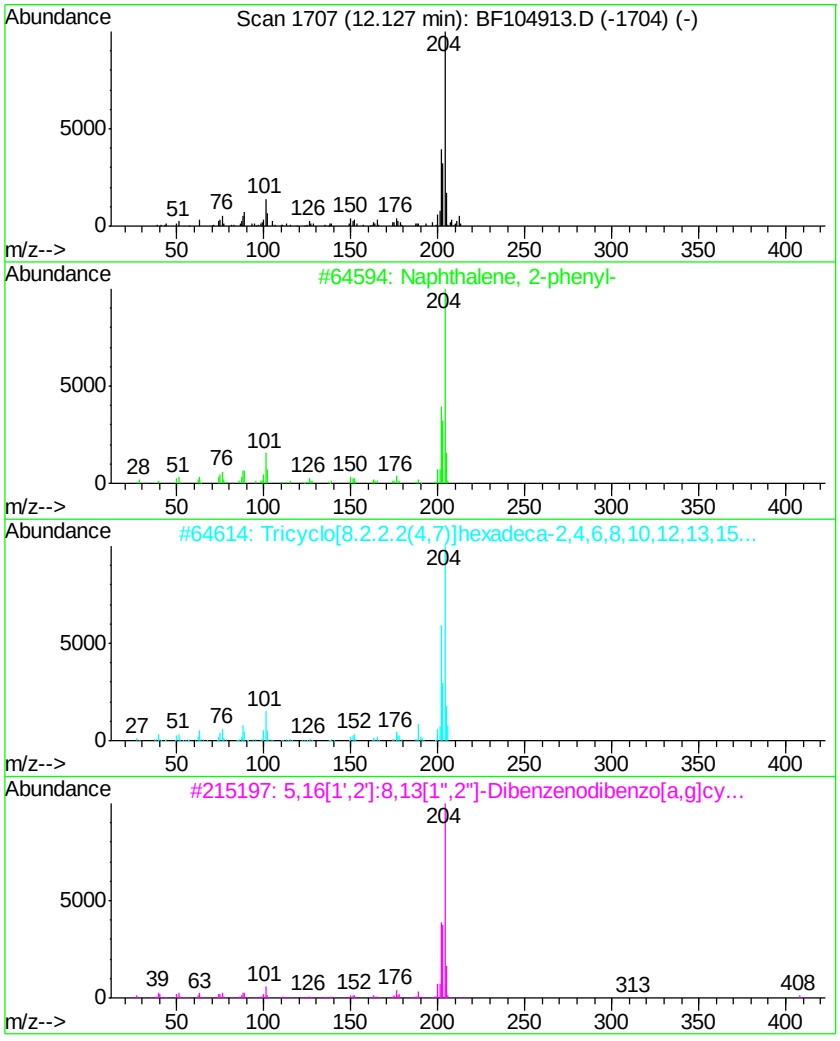
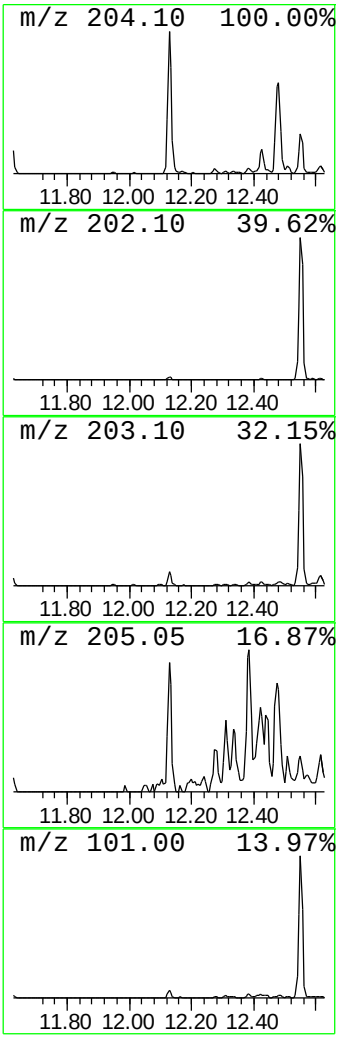
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.10 ng	105332	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





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ALS Vial : 33 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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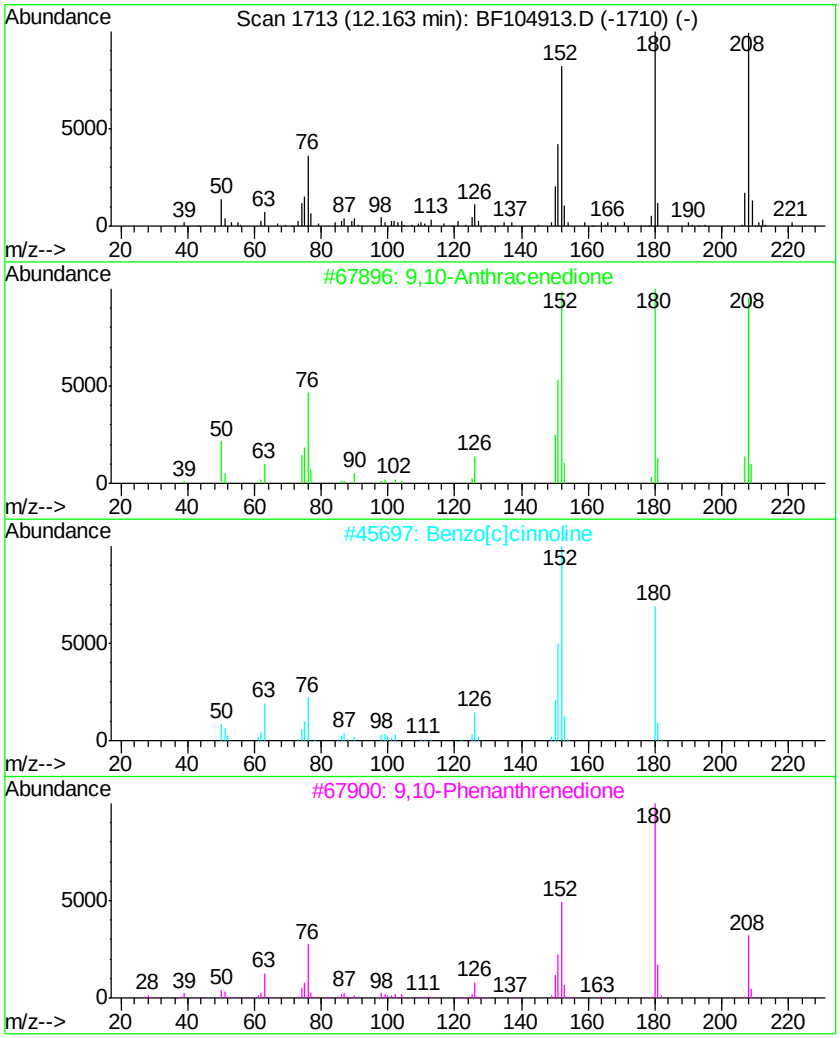
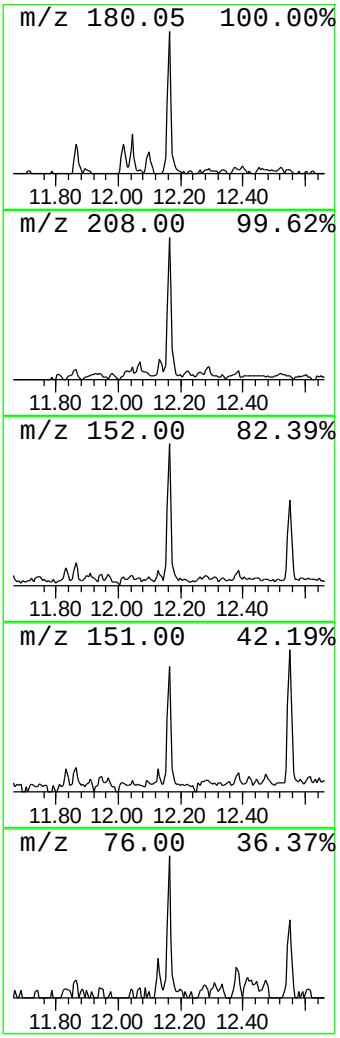
Peak Number 10 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.92 ng	99420	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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Misc :
ALS Vial : 33 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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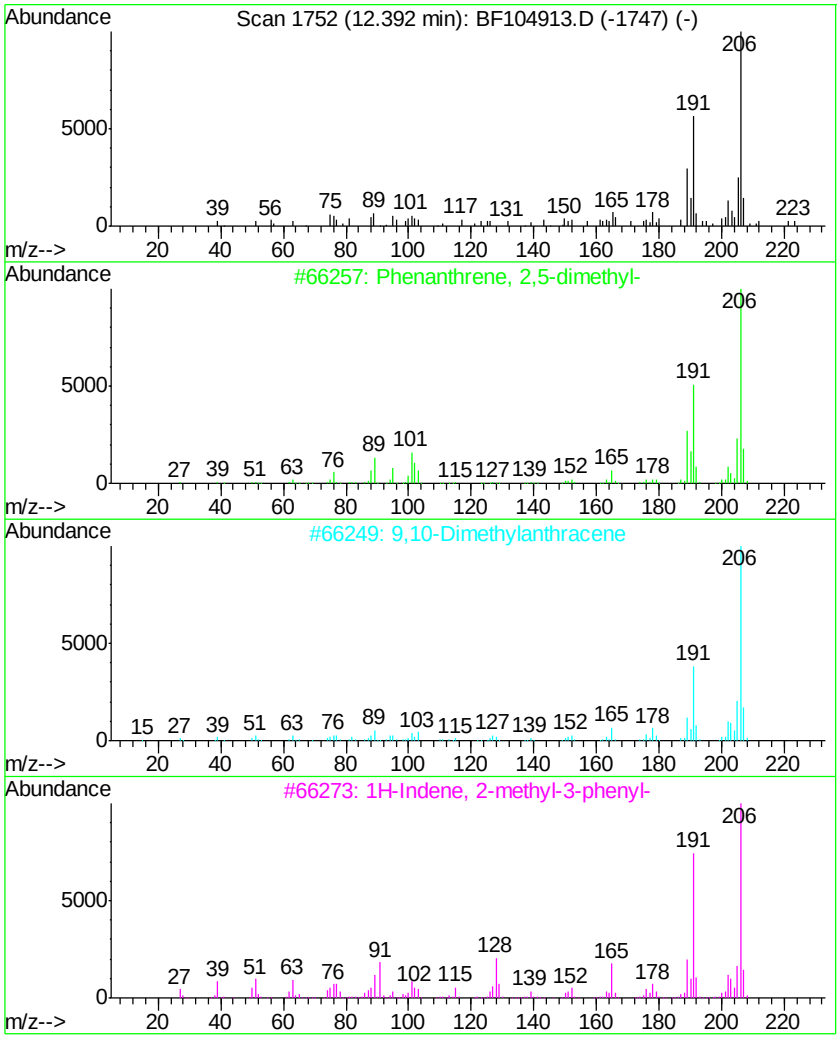
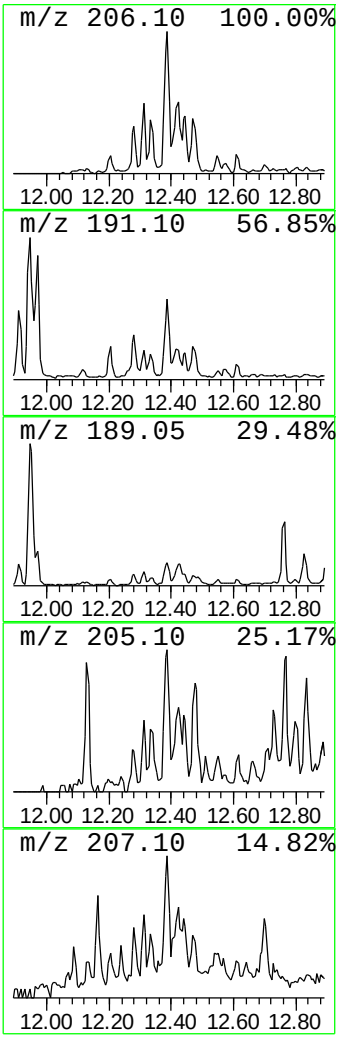
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.33 ng	113190	Phenanthrene-d10	11.33

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	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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TIC Library : C:\DATABASE\NIST11.L
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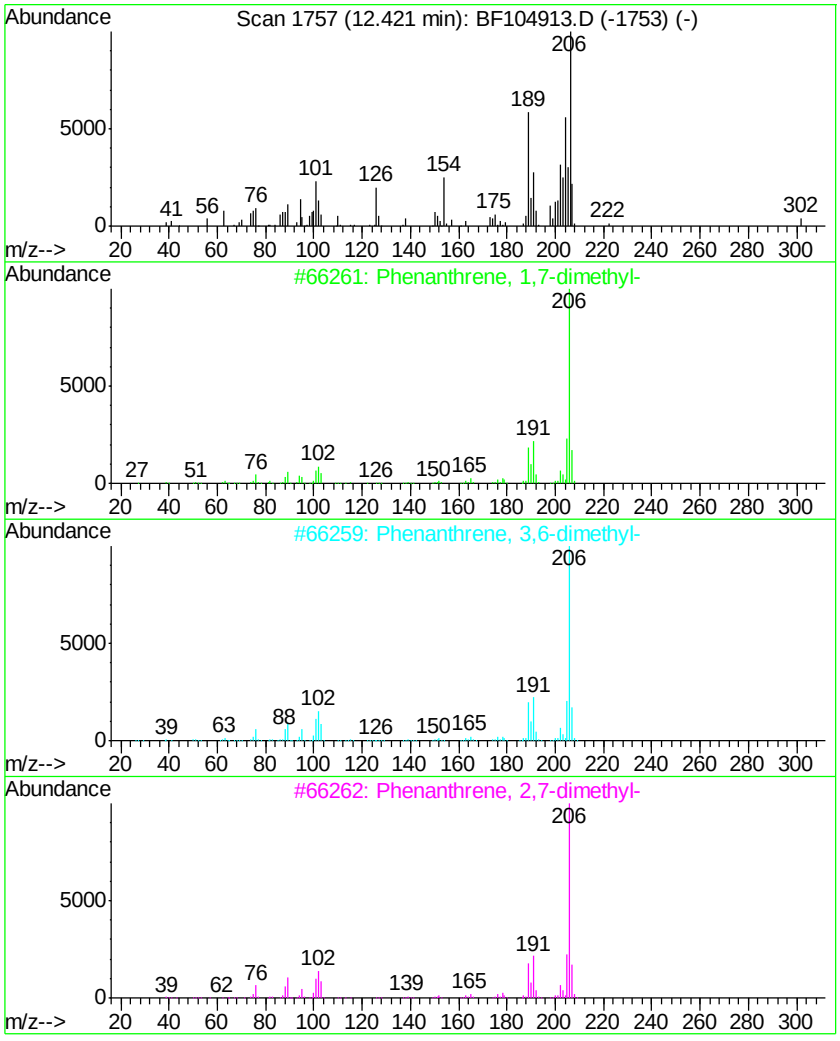
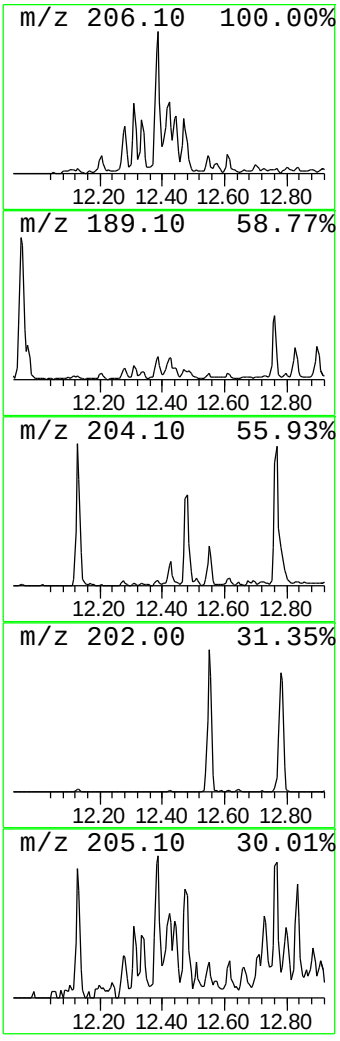
Peak Number 12 Phenanthrene, 1,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.81 ng	95461	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	45
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	43





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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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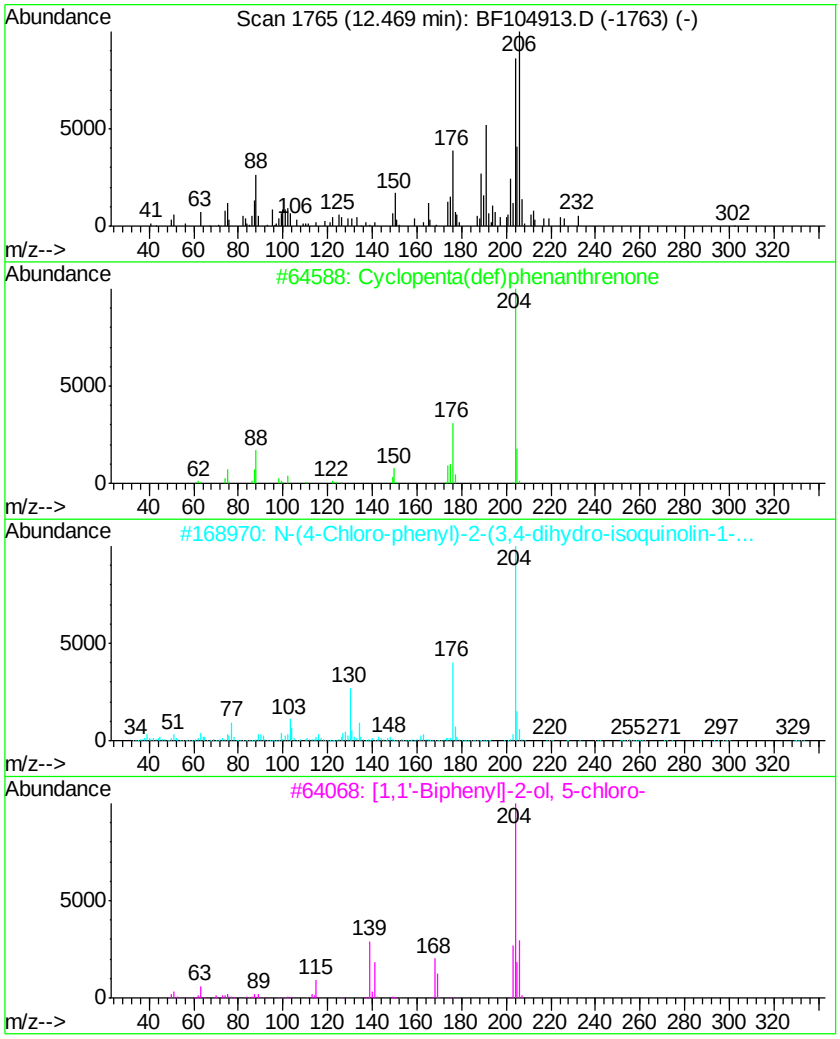
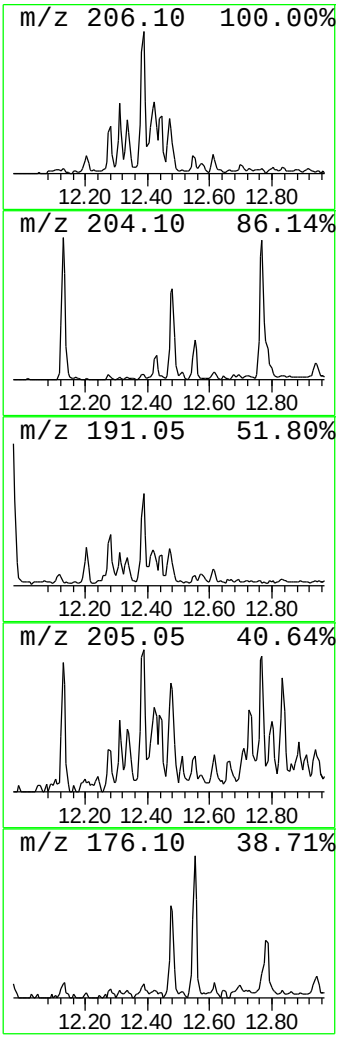
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.42 ng	116212	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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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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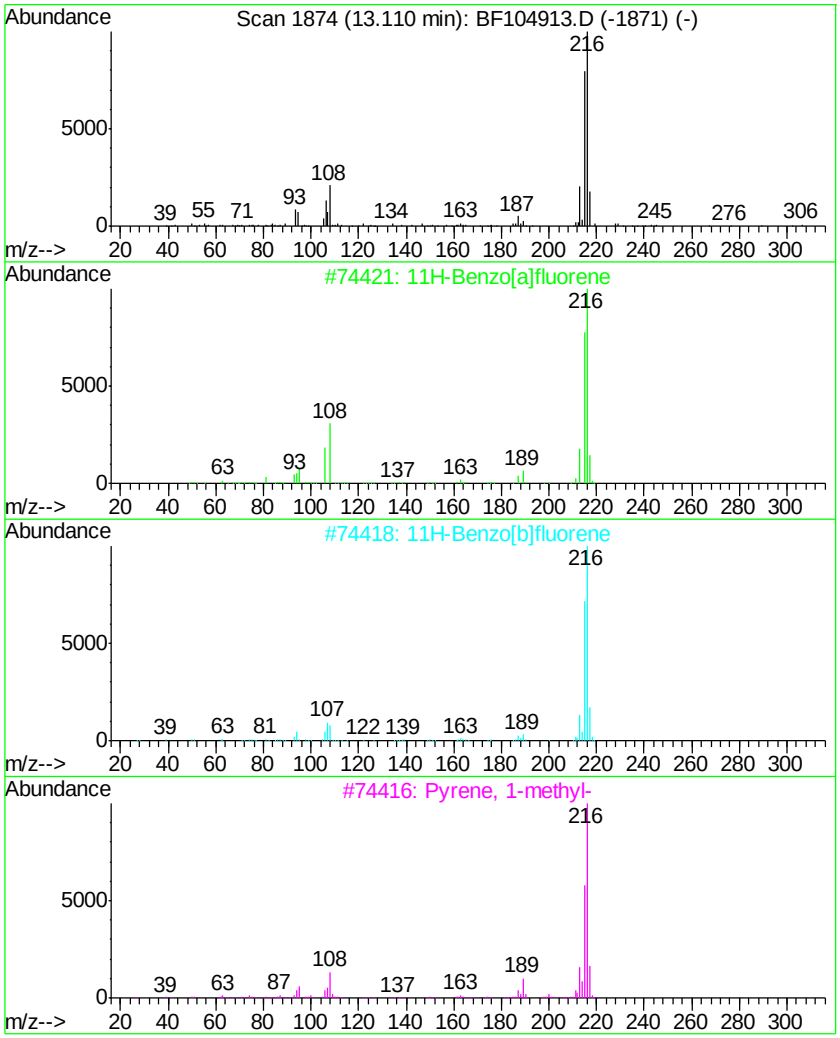
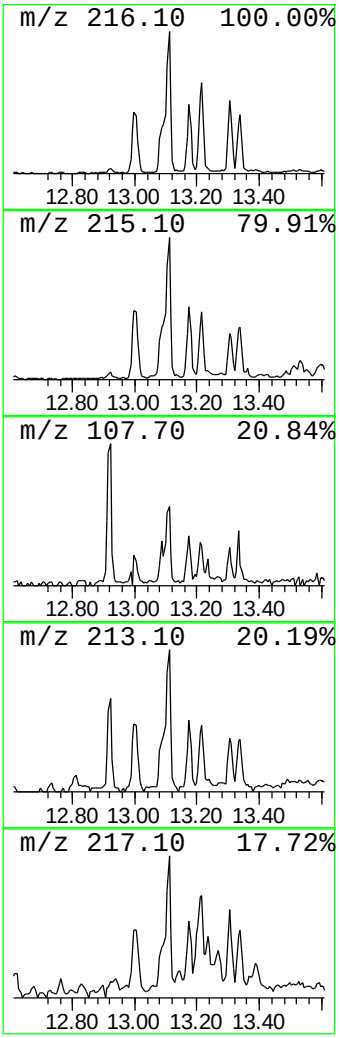
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.84 ng	180739	Chrysene-d12	13.99

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	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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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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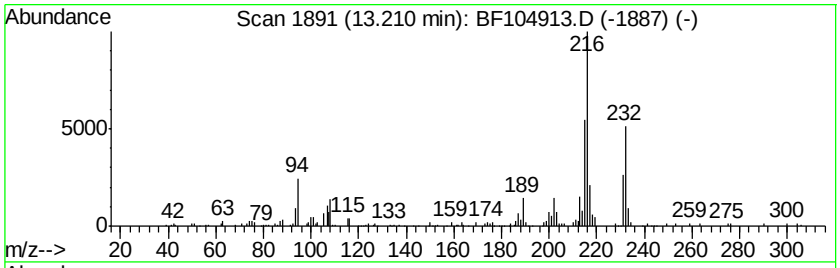
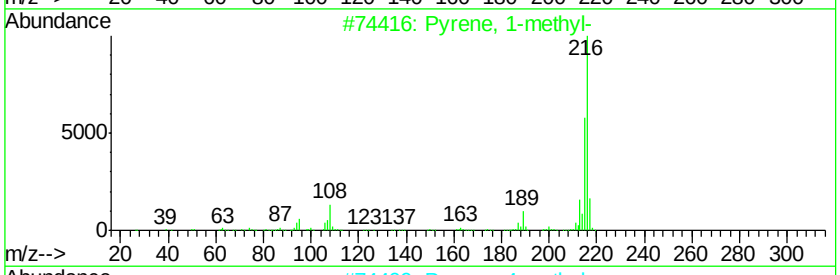
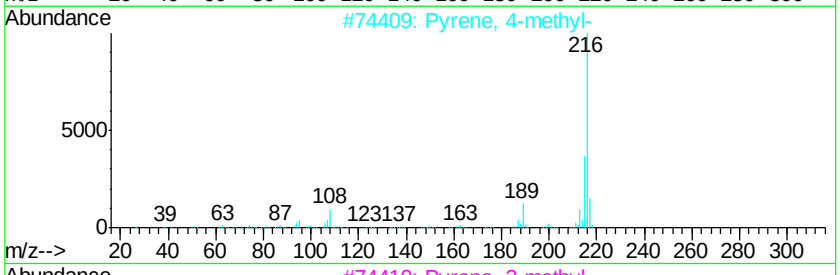
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 19

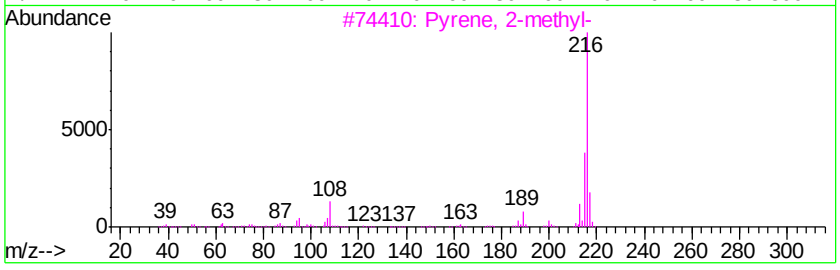
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.76 ng	175968	Chrysene-d12	13.99

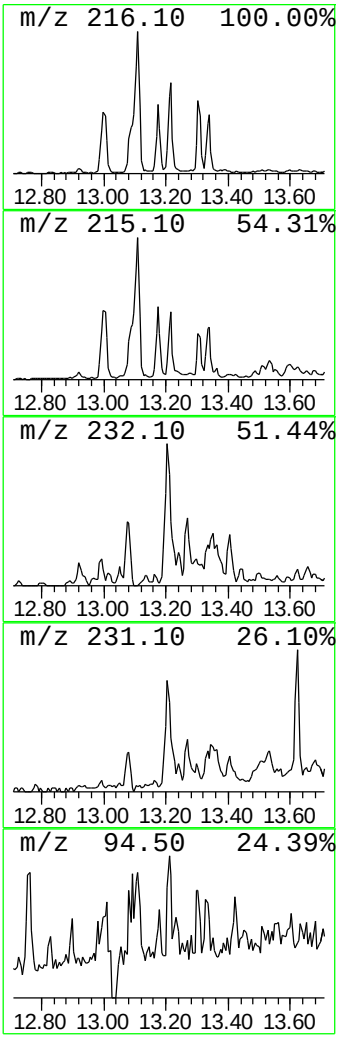
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	45











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Sample : J2565-07
Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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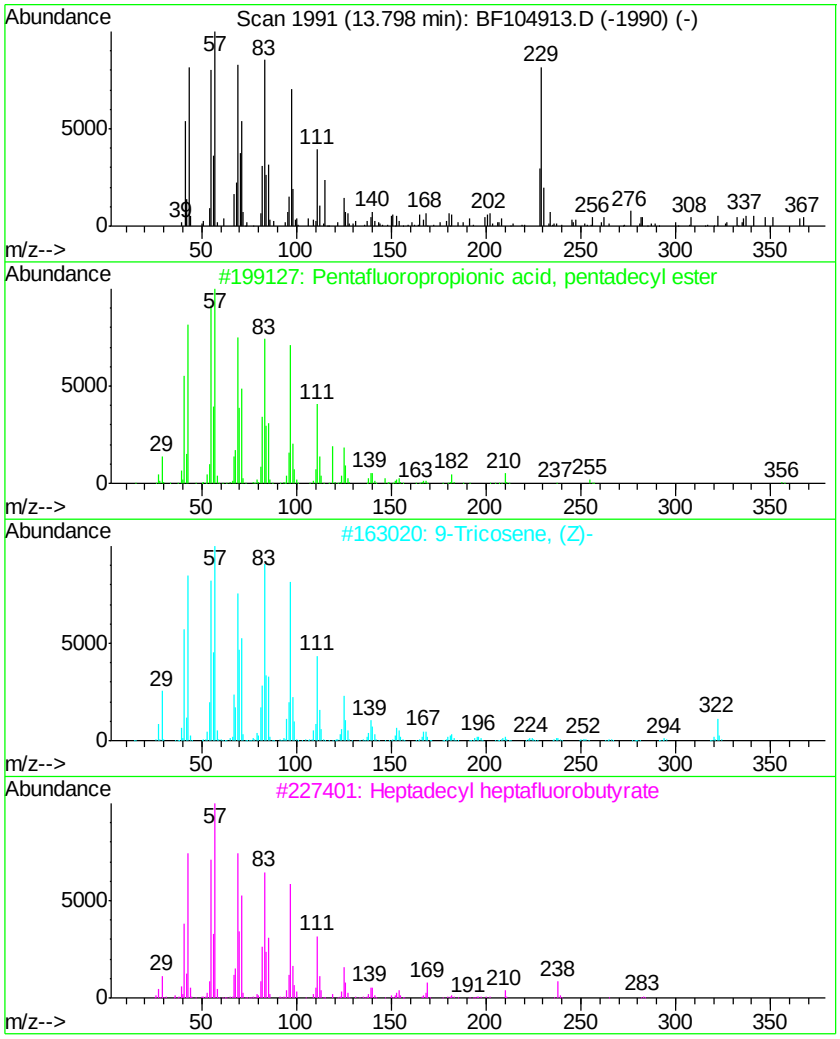
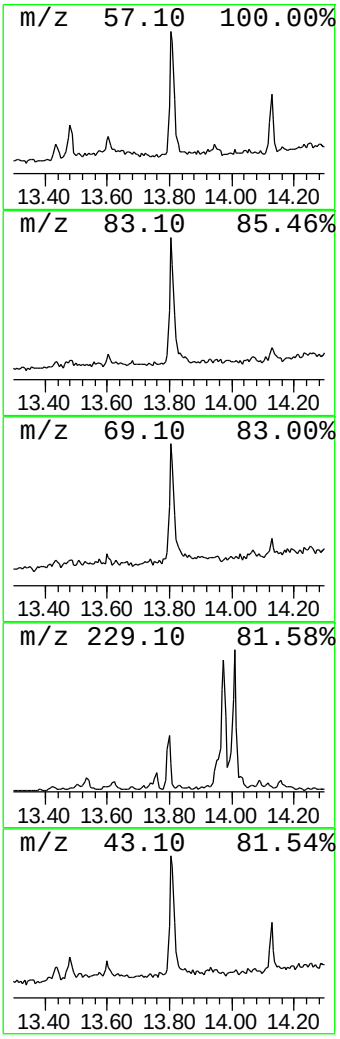
Peak Number 17 Pentafluoropropionic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	4.78 ng	304173	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90





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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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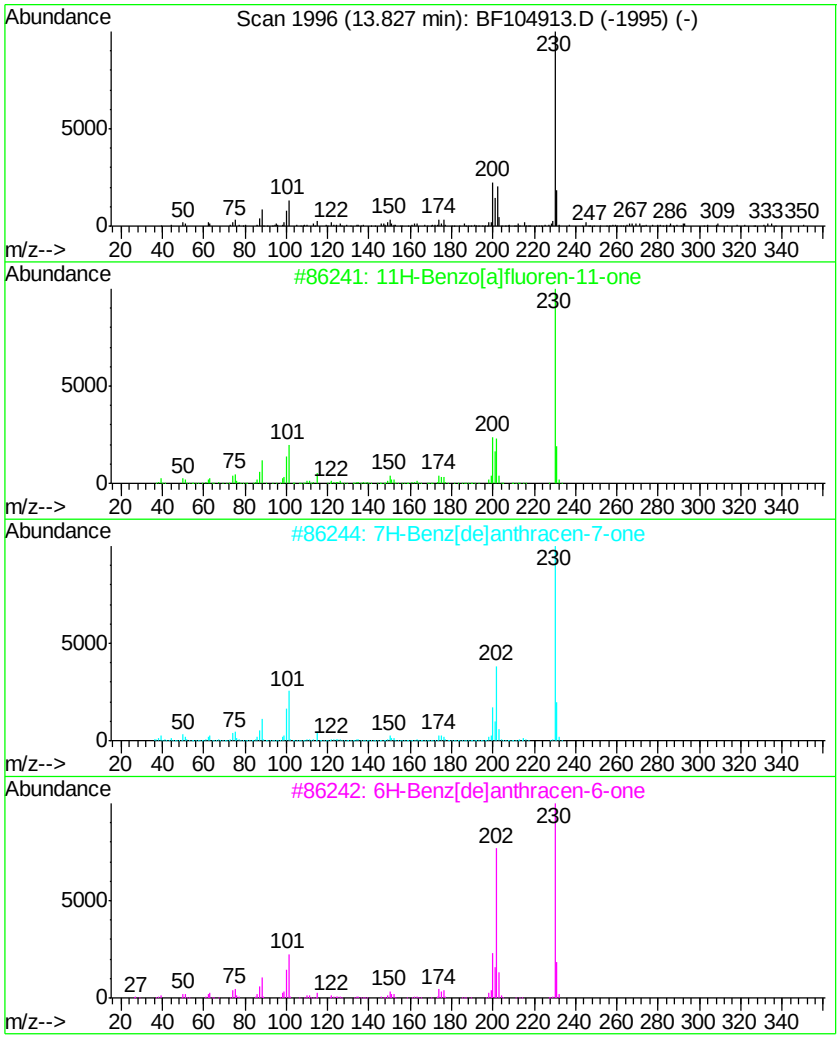
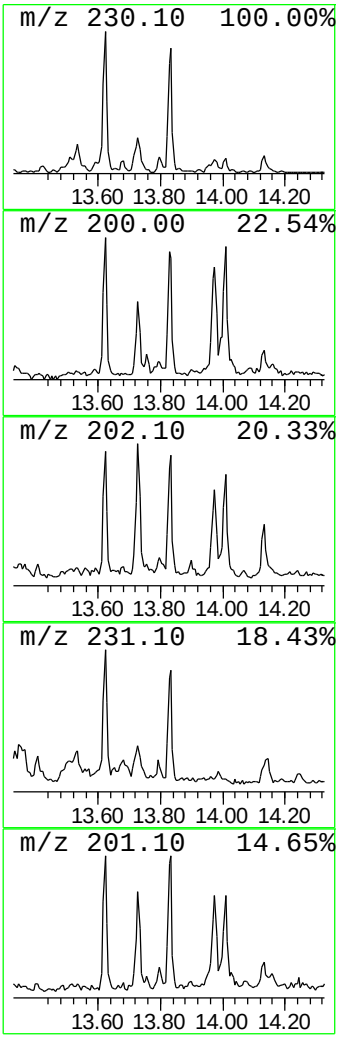
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.56 ng	162938	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	o-Terphenyl	230	C18H14	000084-15-1	53





Library Search Compound Report

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Data File : BF104913.D
Acq On : 28 Apr 2018 6:34
Operator : JU/SJ
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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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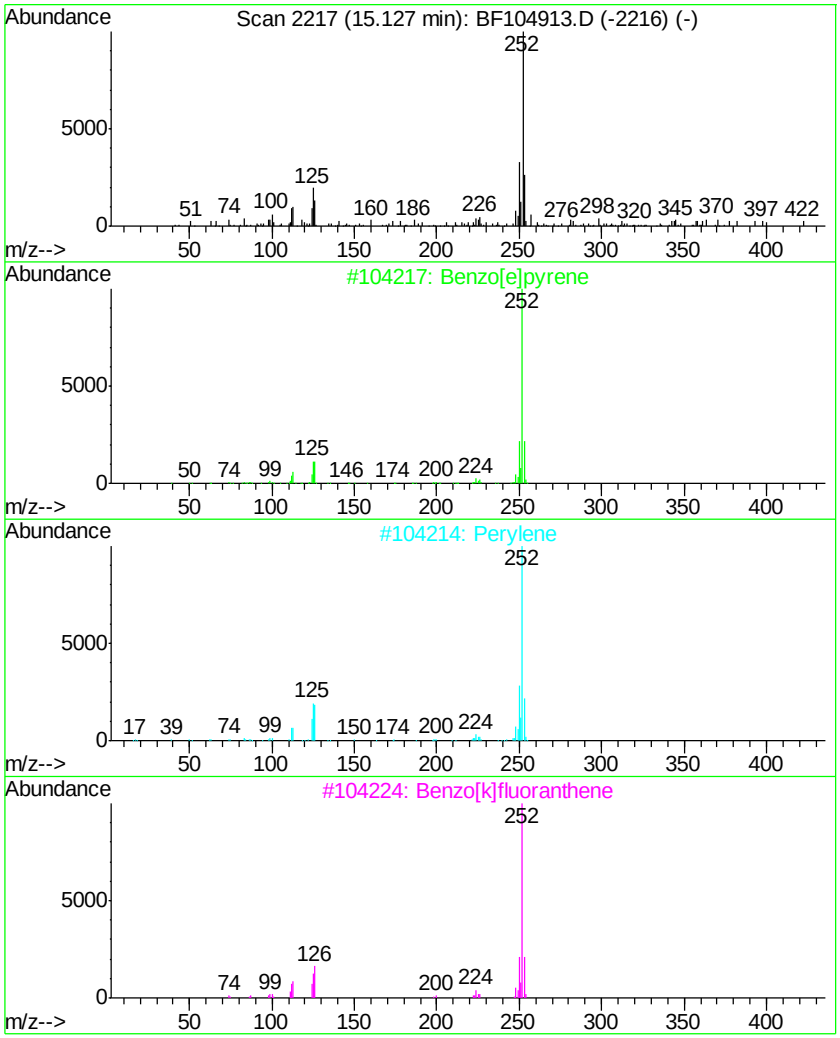
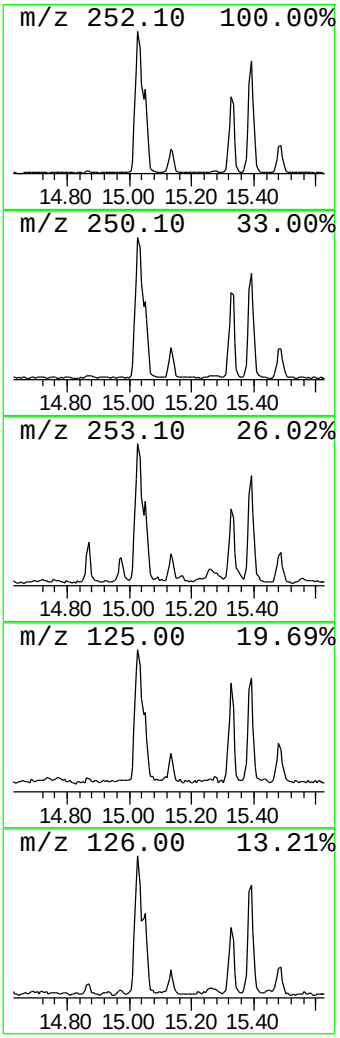
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	5.03 ng	99440	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	91





Tentatively Identified Compound (LSC) summary

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Data File : BF104913.D
Acq On : 28 Apr 2018 6:34
Operator : JU/SJ
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
2-Pentanone, 4-hy...	5.00	3.9	ng	111210	1	6.80	567926	20.0
unknown6.57	6.57	74.5	ng	2116950	1	6.80	567926	20.0
Dodecane	10.26	3.2	ng	109891	3	9.84	677439	20.0
Hexadecane	10.73	3.6	ng	121588	4	11.33	680474	20.0
Phenanthrene, 2-m...	11.83	4.4	ng	148959	4	11.33	680474	20.0
4H-Cyclopenta[def...	11.95	7.7	ng	261055	4	11.33	680474	20.0
Naphthalene, 2-ph...	12.13	3.1	ng	105332	4	11.33	680474	20.0
9,10-Anthracenedione	12.16	2.9	ng	99420	4	11.33	680474	20.0
Phenanthrene, 2,5...	12.39	3.3	ng	113190	4	11.33	680474	20.0
Phenanthrene, 1,7...	12.42	2.8	ng	95461	4	11.33	680474	20.0
Cyclopenta(def)ph...	12.47	3.4	ng	116212	4	11.33	680474	20.0
11H-Benzo[a]fluorene	13.11	2.8	ng	180739	5	13.99	1273050	20.0
Pyrene, 1-methyl-	13.21	2.8	ng	175968	5	13.99	1273050	20.0
Pentafluoropropio...	13.80	4.8	ng	304173	5	13.99	1273050	20.0
11H-Benzo[a]fluor...	13.83	2.6	ng	162938	5	13.99	1273050	20.0
Benzo[e]pyrene	15.13	5.0	ng	99440	6	15.45	395073	20.0