LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096752.D
Acq On : 14 Jul 2017 2:46
Operator : SJ/JU
Sample : I4166-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1-2-3

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-BF071317.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	4.810	476	480	492	rVB	301142	399981	7.04%	0.500%
2	5.245	550	554	569	rBV	2054359	2101075	36.99%	2.629%
3	6.281	725	730	741	rBV	1996503	2152607	37.90%	2.693%
4	6.410	747	752	755	rBV	2238925	2026812	35.69%	2.536%
5	6.639	787	791	794	rBV	732184	646265	11.38%	0.809%
6	6.792	813	817	821	rBV	1810504	1646019	28.98%	2.060%
7	7.198	881	886	889	rBV	1403763	1251793	22.04%	1.566%
8	7.922	1005	1009	1011	rBV	869669	809249	14.25%	1.013%
9	8.998	1187	1192	1195	rBV	2045109	1751312	30.84%	2.191%
10	9.257	1232	1236	1240	rBV	137930	179078	3.15%	0.224%
11	9.333	1244	1249	1251	rVV	313755	308498	5.43%	0.386%
12	9.392	1256	1259	1265	rVV2	349072	323233	5.69%	0.404%
13	9.445	1265	1268	1274	rVB	181378	206691	3.64%	0.259%
14	9.527	1278	1282	1286	rBV	637299	513582	9.04%	0.643%
15	9.669	1300	1306	1309	rBV	796223	738861	13.01%	0.924%
16	9.698	1309	1311	1315	rVB	381436	343421	6.05%	0.430%
17	9.874	1335	1341	1345	rVV	216514	252044	4.44%	0.315%
18	9.916	1345	1348	1351	rVB	204937	159928	2.82%	0.200%
19	9.986	1356	1360	1363	rBV2	176136	221468	3.90%	0.277%
20	10.080	1371	1376	1377	rBV2	114952	157727	2.78%	0.197%
21	10.122	1380	1383	1386	rVB	209829	172294	3.03%	0.216%
22	10.186	1386	1394	1396	rBV4	127663	217080	3.82%	0.272%
23	10.216	1396	1399	1405	rVB2	369530	412850	7.27%	0.517%
24	10.280	1405	1410	1412	rBV	144510	173481	3.05%	0.217%
25	10.451	1435	1439	1444	rVB2	969514	985345	17.35%	1.233%
26	10.586	1457	1462	1465	rBV3	149423	222562	3.92%	0.278%
27	10.763	1487	1492	1494	rBV3	146932	199583	3.51%	0.250%
28	10.957	1522	1525	1529	rVV	236580	248829	4.38%	0.311%
29	11.039	1536	1539	1542	rVV2	272410	277686	4.89%	0.347%
30	11.151	1554	1558	1559	rBV	557723	545331	9.60%	0.682%
31	11.180	1559	1563	1566	rVV	3084011	3161209	55.66%	3.955%
32	11.227	1566	1571	1573	rVV	1054875	932490	16.42%	1.167%
33	11.374	1591	1596	1599	rBV	245217	248164	4.37%	0.311%
34	11.445	1605	1608	1611	rVV	198376	188484	3.32%	0.236%

LSC Area Percent Report

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Acq On : 14 Jul 2017 2:46
Operator : SJ/JU
Sample : I4166-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1-2-3

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-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.480	1611	1614	1617	rVB3	258128	242996	4.28%	0.304%
36	11.651	1639	1643	1645	rBV	911959	806640	14.20%	1.009%
37	11.680	1645	1648	1653	rVB	1126273	986873	17.38%	1.235%
38	11.727	1653	1656	1658	rBV	445468	370637	6.53%	0.464%
39	11.763	1658	1662	1664	rVV	1333522	1365027	24.03%	1.708%
40	11.786	1664	1666	1669	rVB	782063	585073	10.30%	0.732%
41	11.945	1691	1693	1695	rVV	603443	512743	9.03%	0.642%
42	11.974	1695	1698	1704	rVB2	543507	535393	9.43%	0.670%
43	12.092	1713	1718	1721	rBV4	261381	390356	6.87%	0.488%
44	12.204	1731	1737	1740	rBV	598194	749190	13.19%	0.937%
45	12.239	1740	1743	1745	rVV	333709	375597	6.61%	0.470%
46	12.292	1749	1752	1758	rVB2	556796	664533	11.70%	0.831%
47	12.374	1759	1766	1769	rBV	3489143	4631393	81.54%	5.795%
48	12.427	1769	1775	1777	rBV3	160520	280005	4.93%	0.350%
49	12.451	1777	1779	1783	rVB	286642	280259	4.93%	0.351%
50	12.504	1783	1788	1791	rBV4	360402	422115	7.43%	0.528%
51	12.604	1798	1805	1808	rBV3	3459235	5679612	100.00%	7.106%
52	12.639	1808	1811	1816	rVB2	298613	462115	8.14%	0.578%
53	12.710	1819	1823	1824	rBV	362571	316222	5.57%	0.396%
54	12.739	1824	1828	1834	rVB	1571045	1709064	30.09%	2.138%
55	12.810	1834	1840	1843	rBV3	584353	906272	15.96%	1.134%
56	12.898	1851	1855	1856	rVV3	415428	502114	8.84%	0.628%
57	12.915	1856	1858	1862	rVB	857167	870207	15.32%	1.089%
58	12.980	1866	1869	1872	rBV	496920	455104	8.01%	0.569%
59	13.021	1872	1876	1878	rBV	860507	826210	14.55%	1.034%
60	13.045	1878	1880	1883	rVB	329135	301285	5.30%	0.377%
61	13.074	1883	1885	1888	rBV2	171663	191763	3.38%	0.240%
62	13.110	1888	1891	1894	rVB	477774	427055	7.52%	0.534%
63	13.145	1894	1897	1900	rBV	530301	515687	9.08%	0.645%
64	13.221	1907	1910	1914	rVB4	130447	181472	3.20%	0.227%
65	13.298	1918	1923	1925	rBV5	104415	194316	3.42%	0.243%
66	13.339	1925	1930	1933	rVB3	172903	297848	5.24%	0.373%
67	13.421	1938	1944	1949	rBV	608868	765287	13.47%	0.958%
68	13.533	1958	1963	1965	rBV	679348	801148	14.11%	1.002%
69	13.562	1965	1968	1970	rVV	627297	638208	11.24%	0.799%
70	13.586	1970	1972	1977	rVV3	500779	707852	12.46%	0.886%
71	13.633	1977	1980	1987	rVV	758754	918545	16.17%	1.149%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4166-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1-2-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.786	1999	2006	2008	rVV2	2368442	3783554	66.62%	4.734%
73	13.821	2008	2012	2019	rVB	2377368	2993655	52.71%	3.746%
74	13.892	2019	2024	2027	rBV2	581692	631309	11.12%	0.790%
75	13.927	2027	2030	2032	rVV	323219	327543	5.77%	0.410%
76	13.968	2035	2037	2040	rVV2	299470	306754	5.40%	0.384%
77	14.004	2040	2043	2047	rVV2	298092	410861	7.23%	0.514%
78	14.133	2063	2065	2067	rBV	209173	166404	2.93%	0.208%
79	14.168	2067	2071	2074	rVV	619457	712069	12.54%	0.891%
80	14.204	2074	2077	2081	rVV	405583	425169	7.49%	0.532%
81	14.268	2081	2088	2090	rVV4	339626	685414	12.07%	0.858%
82	14.292	2090	2092	2094	rVV2	427117	443268	7.80%	0.555%
83	14.315	2094	2096	2100	rVV2	365640	368808	6.49%	0.461%
84	14.362	2100	2104	2108	rVB2	201168	293141	5.16%	0.367%
85	14.474	2120	2123	2125	rBV	179151	204262	3.60%	0.256%
86	14.545	2132	2135	2138	rBV2	315784	344873	6.07%	0.432%
87	14.633	2147	2150	2155	rVB2	193868	252972	4.45%	0.317%
88	14.698	2158	2161	2166	rBV3	205428	250834	4.42%	0.314%
89	14.798	2172	2178	2181	rBV	1650767	3158914	55.62%	3.953%
90	14.886	2189	2193	2197	rVB2	615629	879248	15.48%	1.100%
91	15.068	2219	2224	2229	rVB	1010625	1372661	24.17%	1.718%
92	15.127	2229	2234	2238	rBV	1458511	1921897	33.84%	2.405%
93	15.174	2239	2242	2244	rVV	318050	344903	6.07%	0.432%
94	15.204	2244	2247	2253	rVB2	517306	740495	13.04%	0.927%
95	15.609	2312	2316	2320	rBV	321108	428725	7.55%	0.536%
96	16.192	2411	2415	2428	rVB7	149296	357592	6.30%	0.447%
97	16.315	2432	2436	2440	rBV4	162814	308309	5.43%	0.386%
98	16.503	2462	2468	2474	rVB	716128	1343168	23.65%	1.681%
99	16.645	2488	2492	2497	rBV	168488	310012	5.46%	0.388%
100	16.898	2528	2535	2543	rVB	516994	1113363	19.60%	1.393%

Sum of corrected areas: 79921425

LSC Report - Integrated Chromatogram

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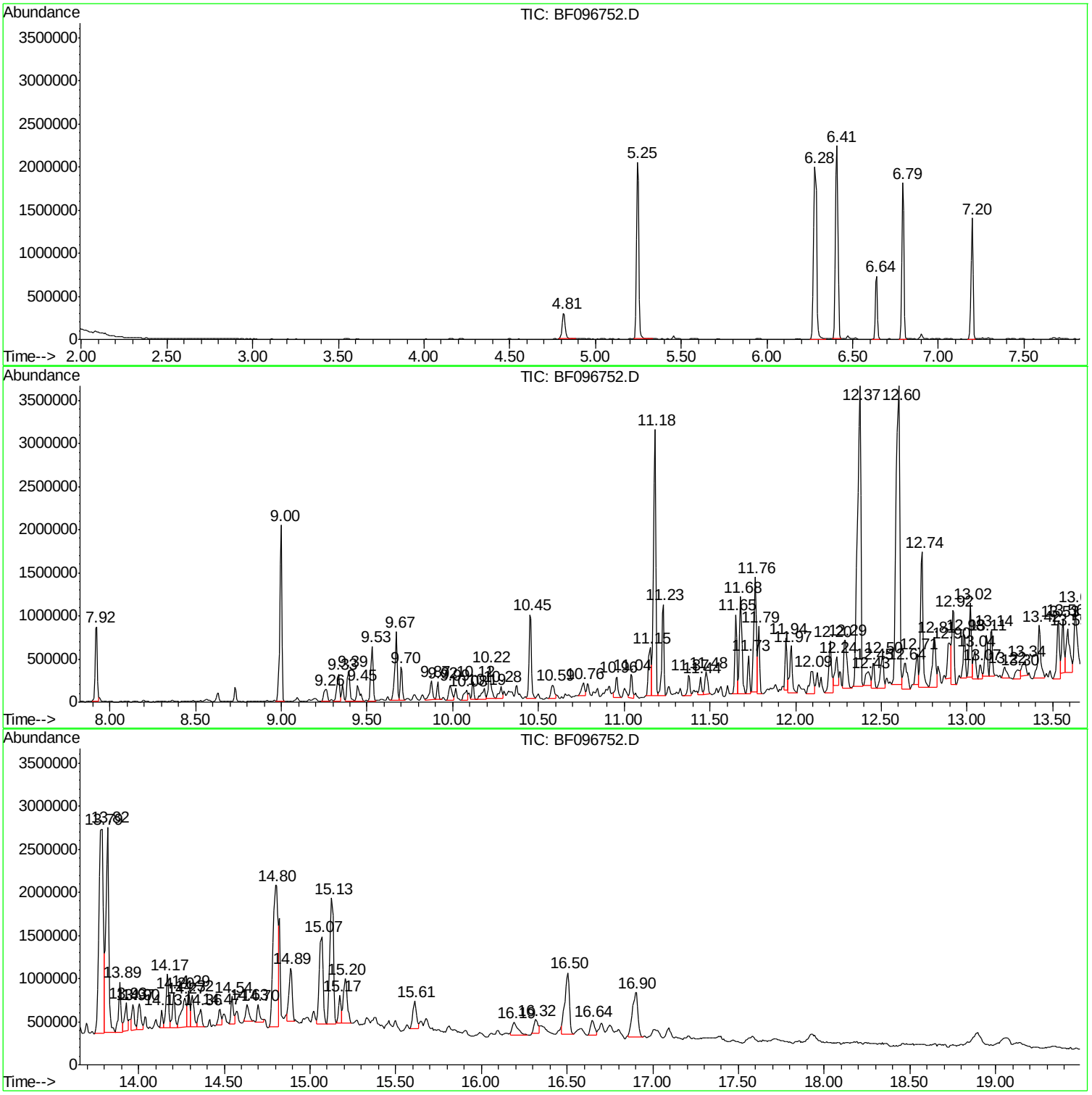
Operator : SJ/JU
Sample : I4166-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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\BF071317\
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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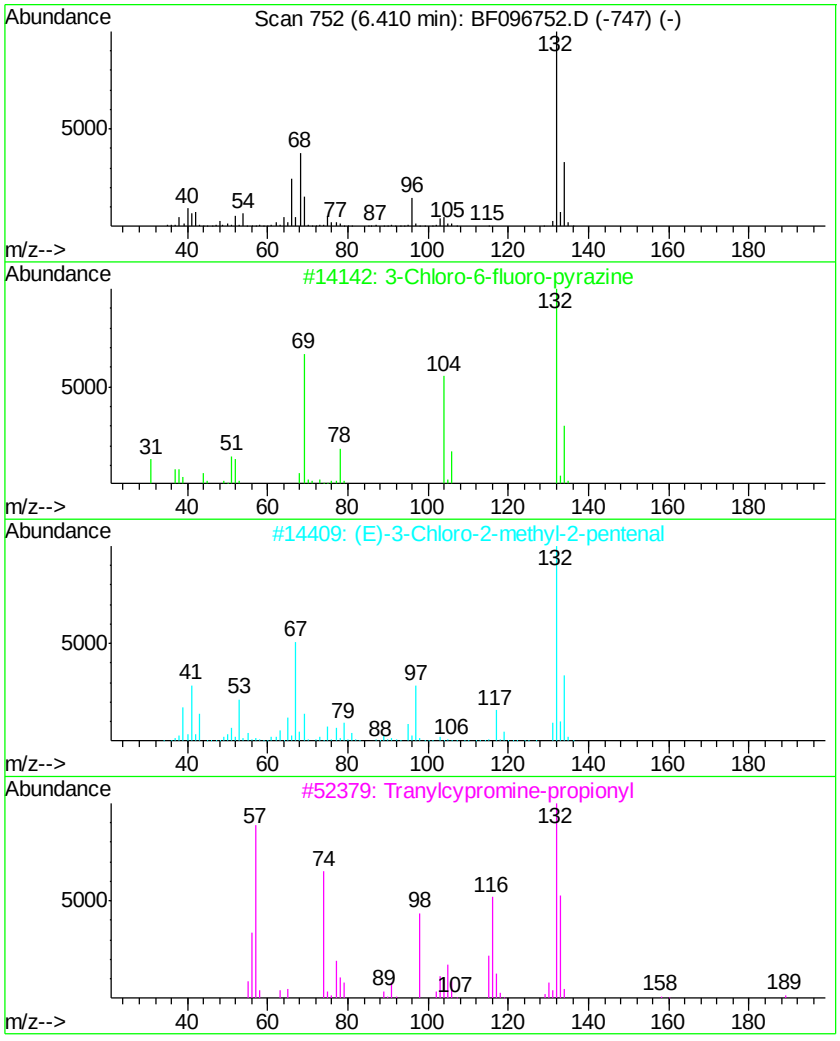
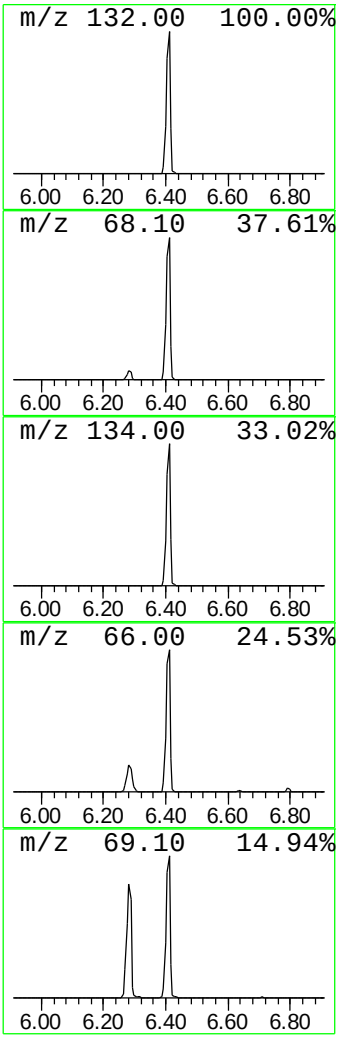
****

Peak Number 1 unknown6.41 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	62.72 ng	2026810	1,4-Dichlorobenzene-d4	6.64

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
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Sample : I4166-01
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Instrument : BNA_F
ClientSampleId : COMP-1-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

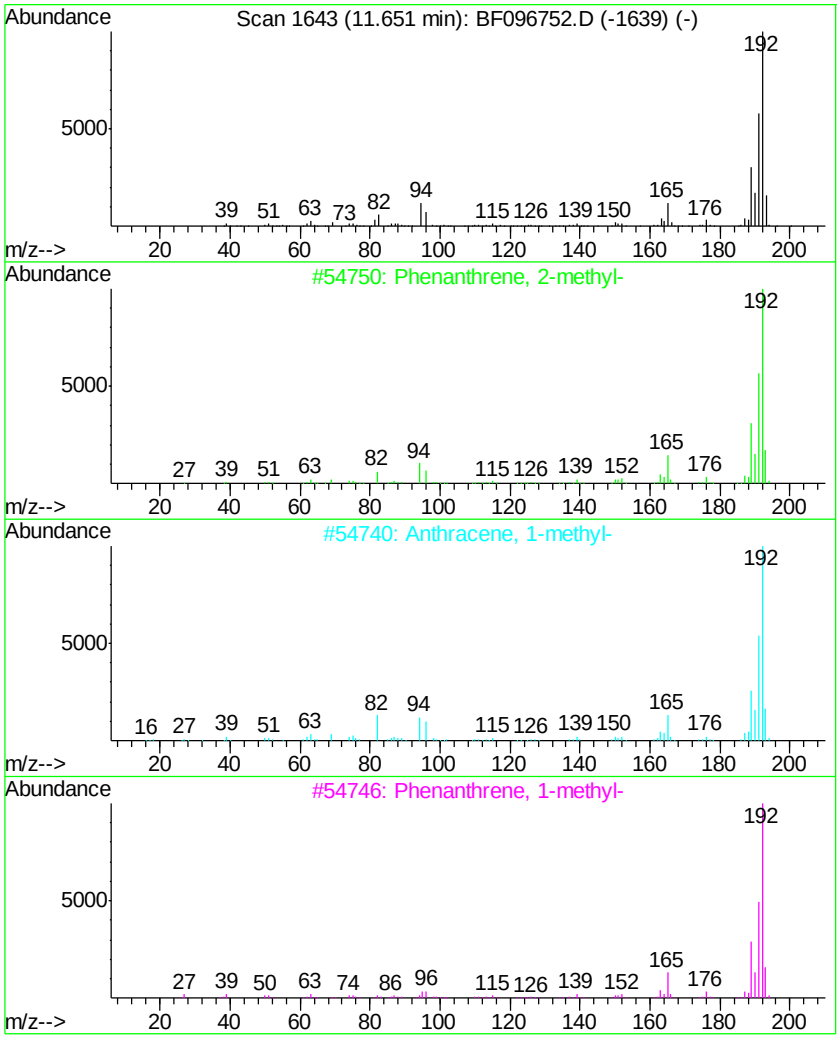
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

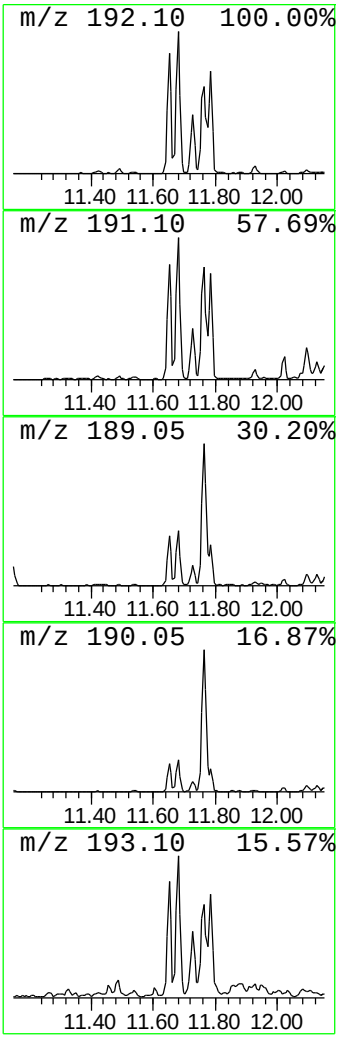
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	29.58 ng	806640	Phenanthrene-d10	11.15

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





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Sample : I4166-01
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Instrument : BNA_F
ClientSampleId : COMP-1-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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TIC Library : C:\DATABASE\NIST11.L
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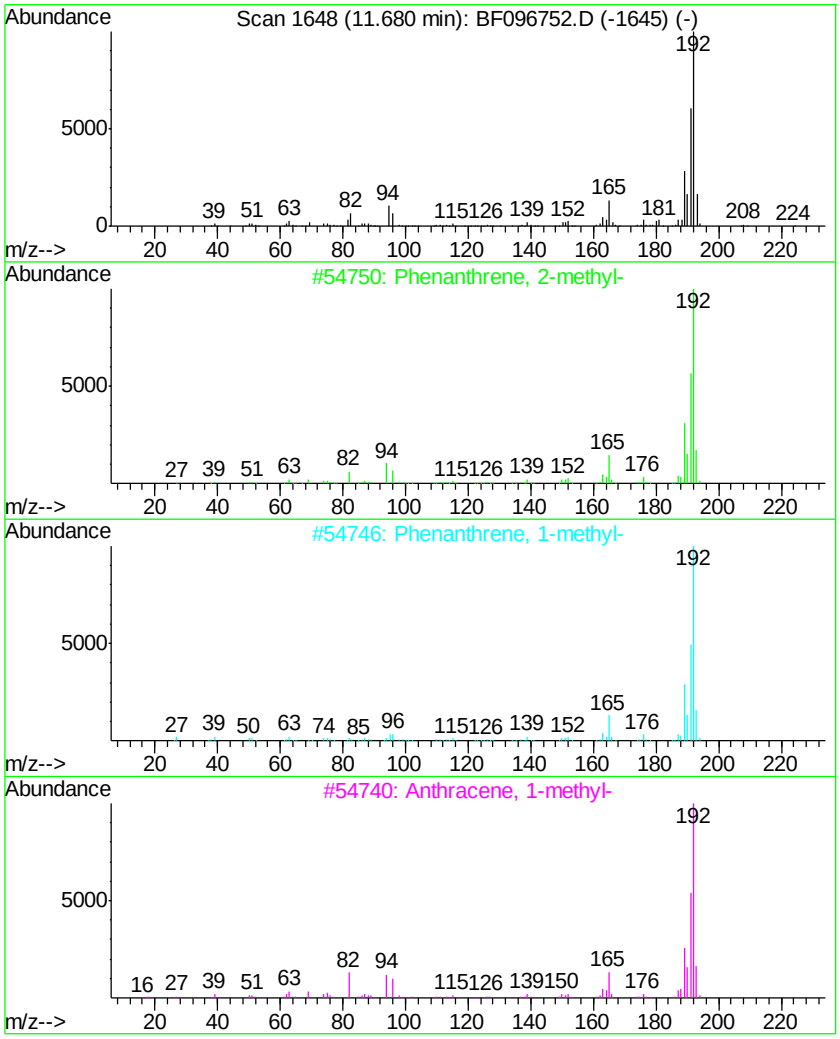
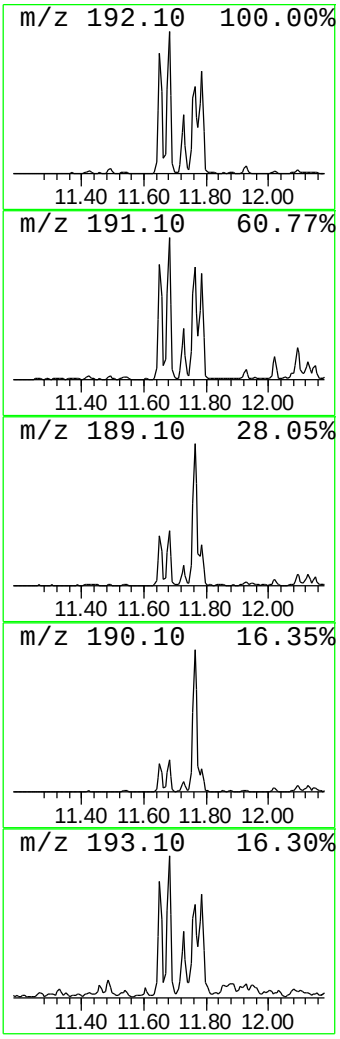
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	36.19 ng	986873	Phenanthrene-d10	11.15

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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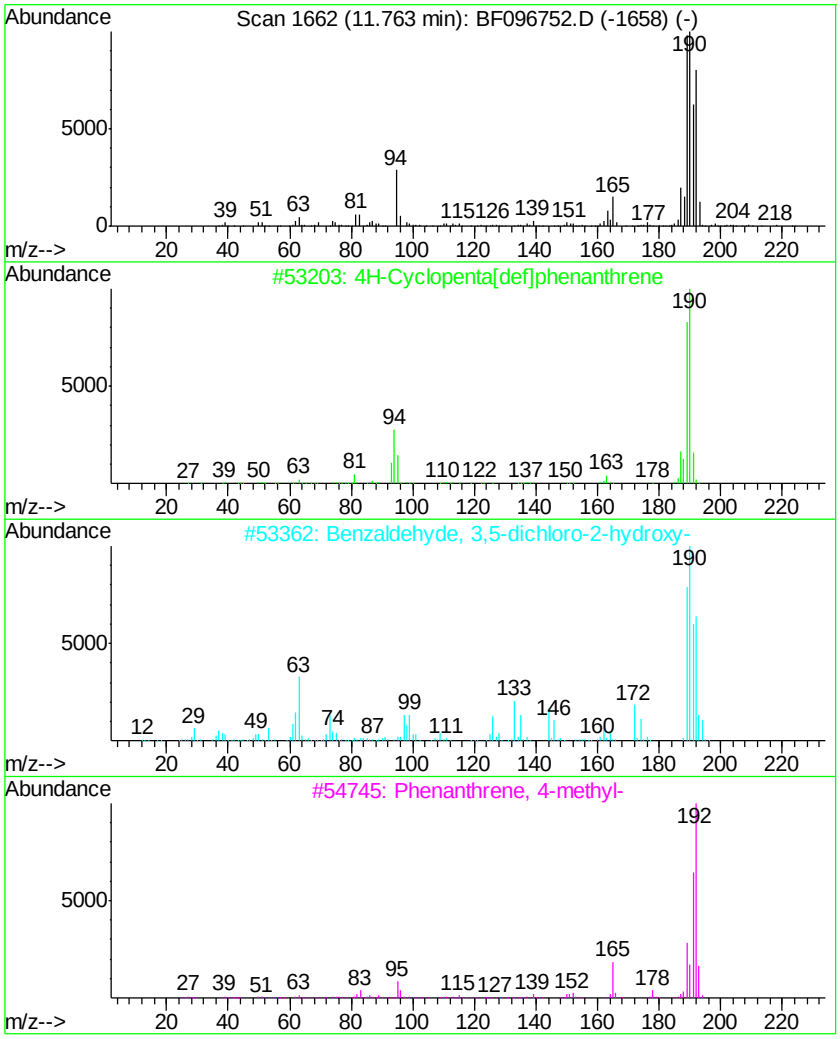
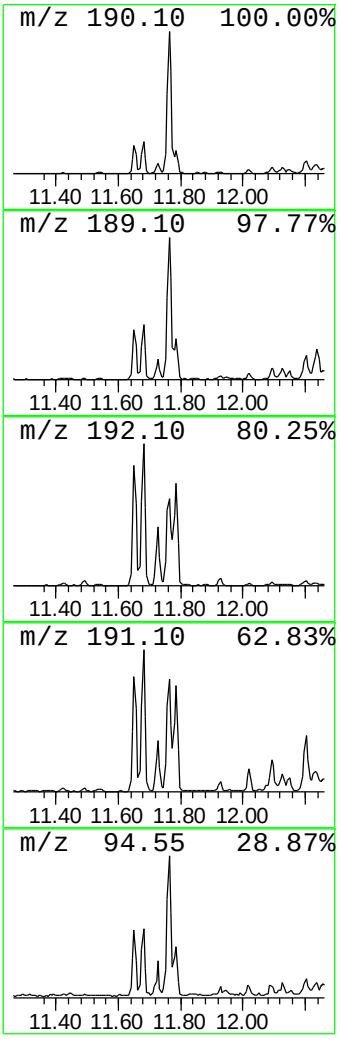
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	50.06 ng	1365030	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096752.D
Acq On : 14 Jul 2017 2:46
Operator : SJ/JU
Sample : I4166-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

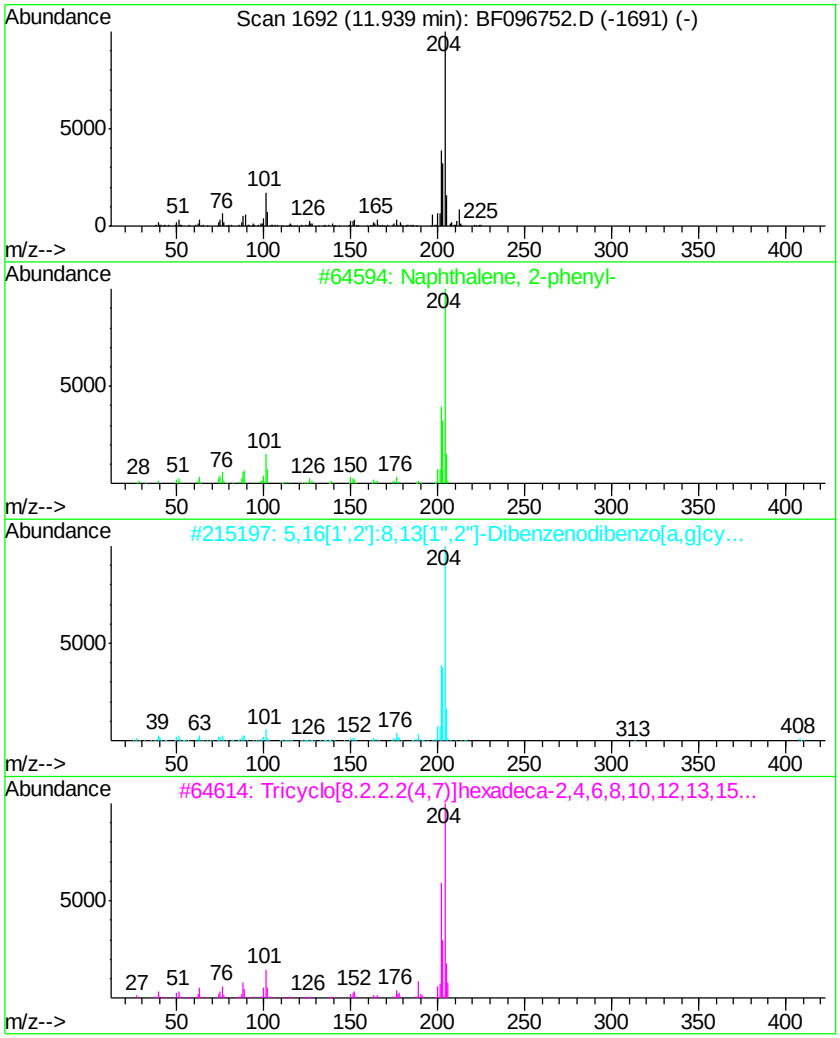
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

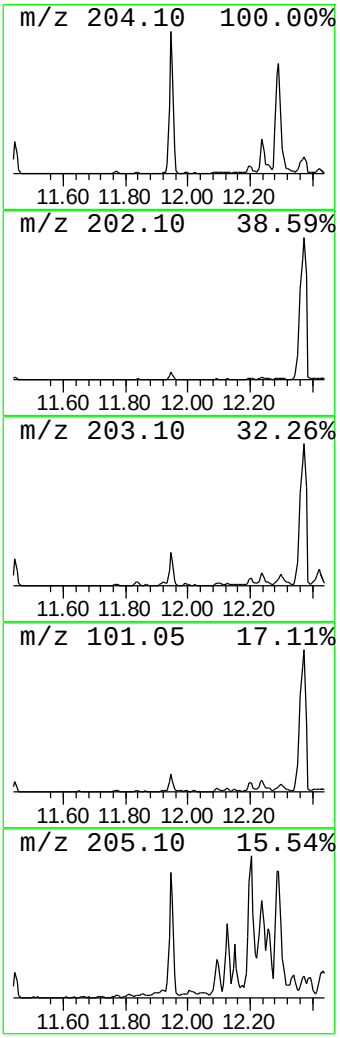
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	18.80 ng	512743	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





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Acq On : 14 Jul 2017 2:46
Operator : SJ/JU
Sample : I4166-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1-2-3

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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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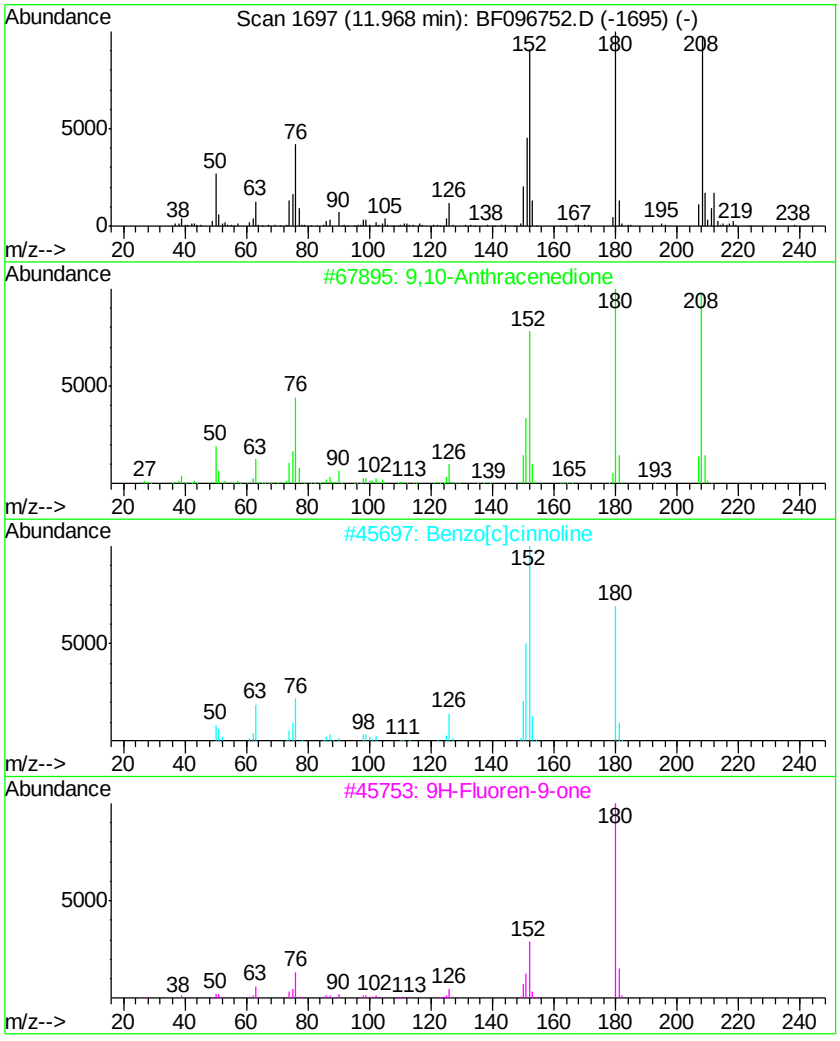
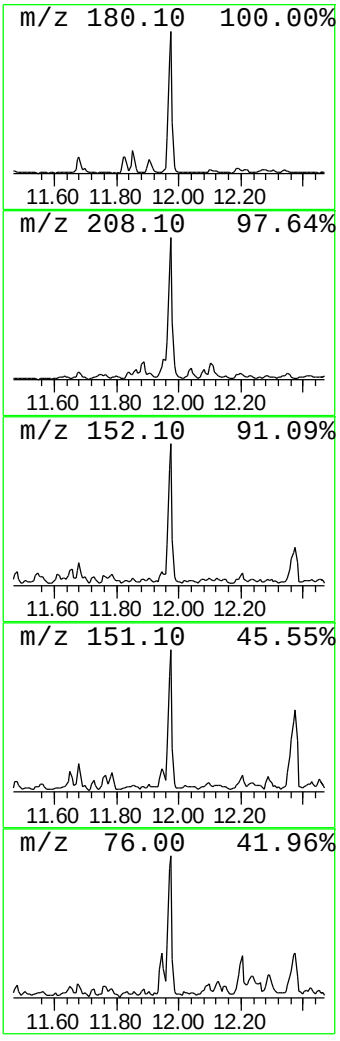
Peak Number 8 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	19.64 ng	535393	Phenanthrene-d10	11.15

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	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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Instrument : BNA_F
ClientSampleId : COMP-1-2-3

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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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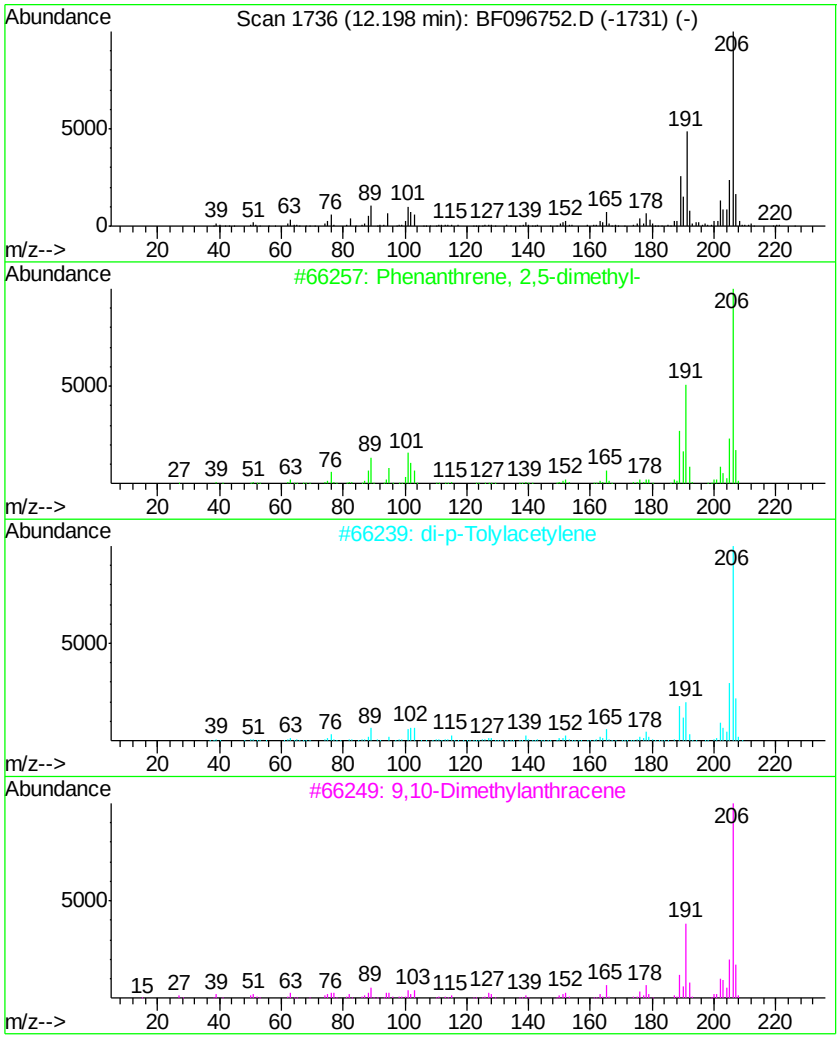
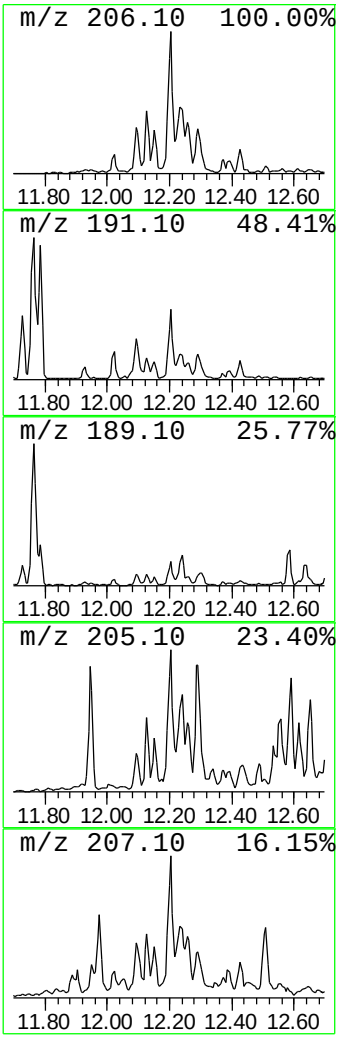
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	27.48 ng	749190	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





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ClientSampleId : COMP-1-2-3

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

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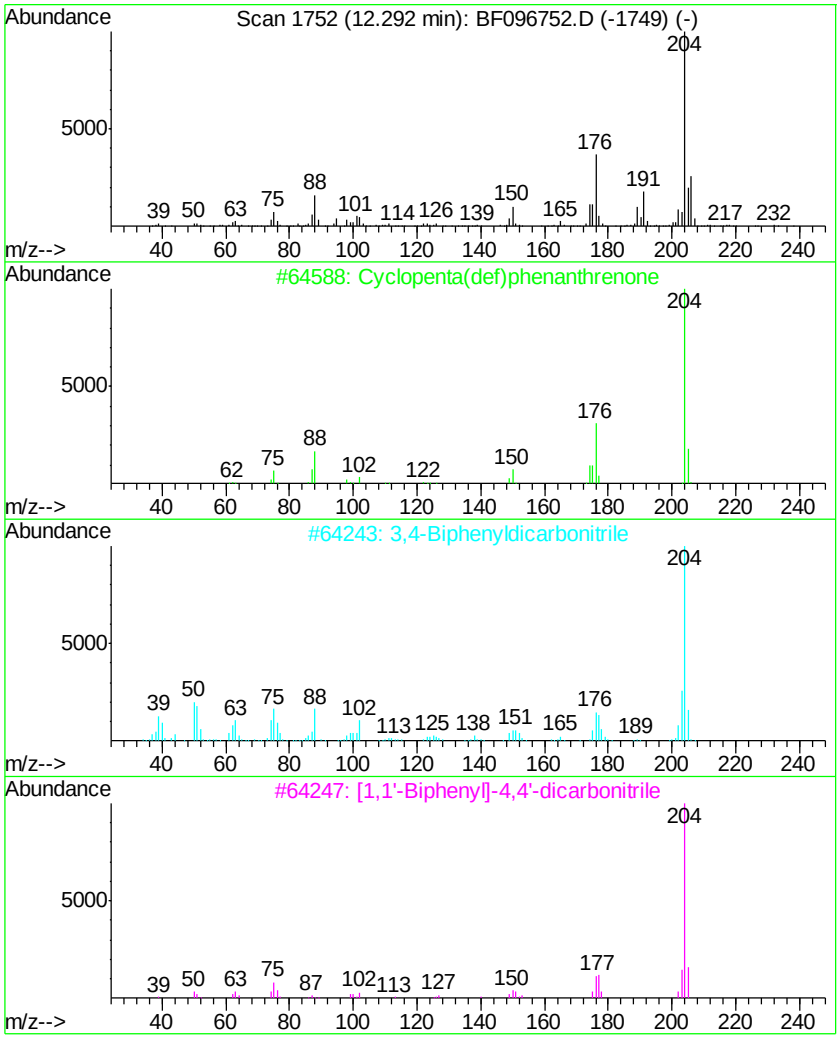
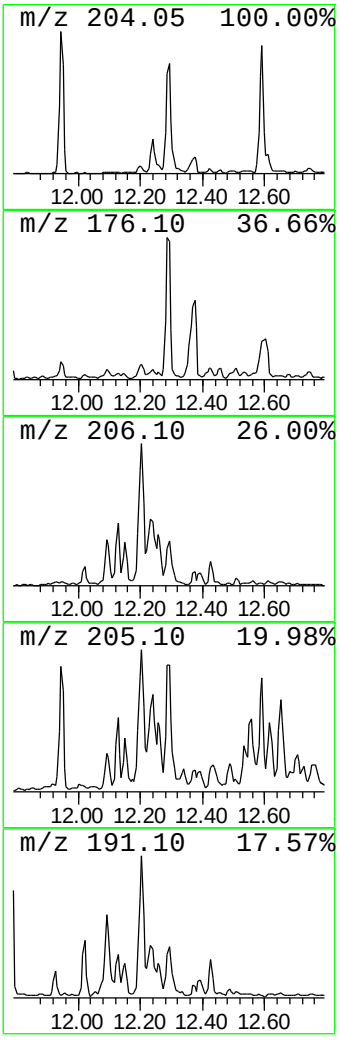
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	24.37 ng	664533	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId : COMP-1-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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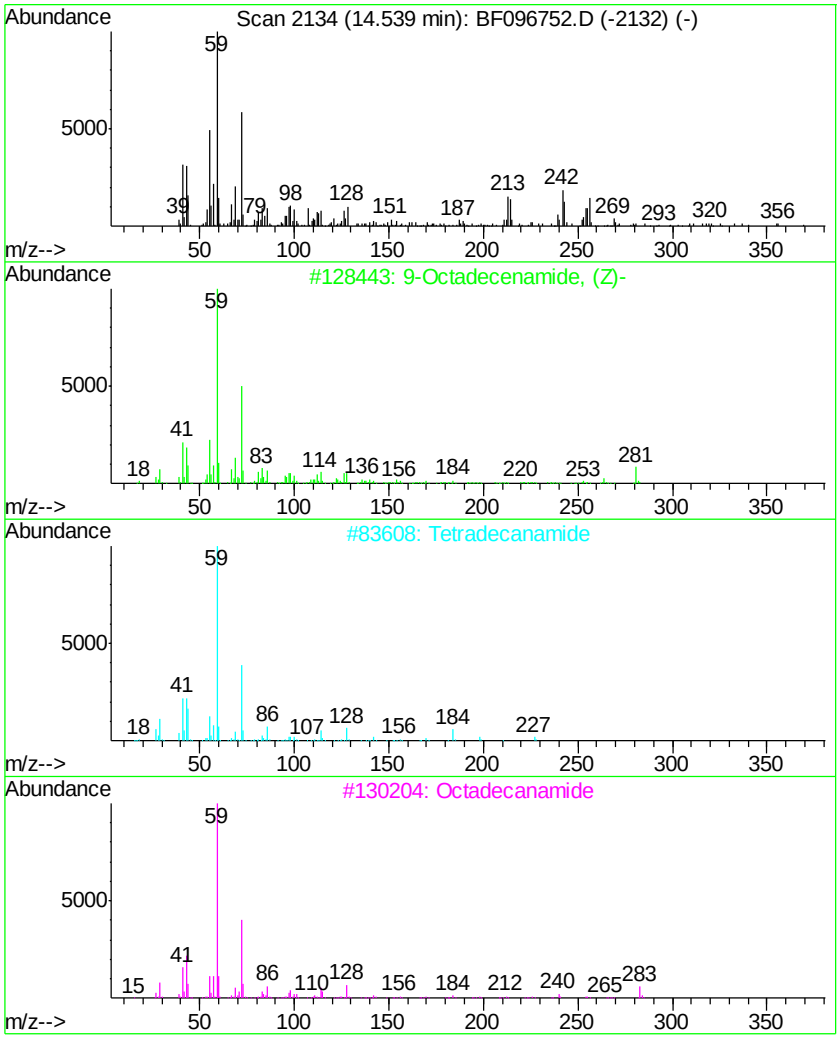
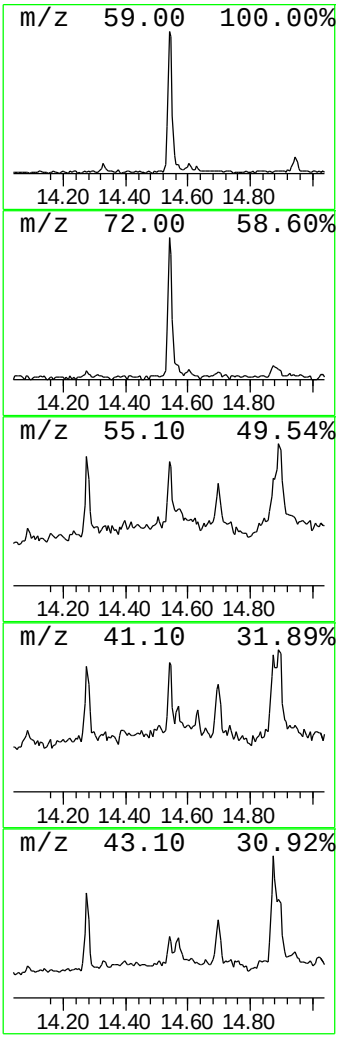
Peak Number 11 9-Octadecenamide, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	20.00 ng	344873	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
2	Tetradecanamide	227	C14H29NO	000638-58-4	42
3	Octadecanamide	283	C18H37NO	000124-26-5	27
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	22
5	Hexadecanamide	255	C16H33NO	000629-54-9	22





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ClientSampleId : COMP-1-2-3

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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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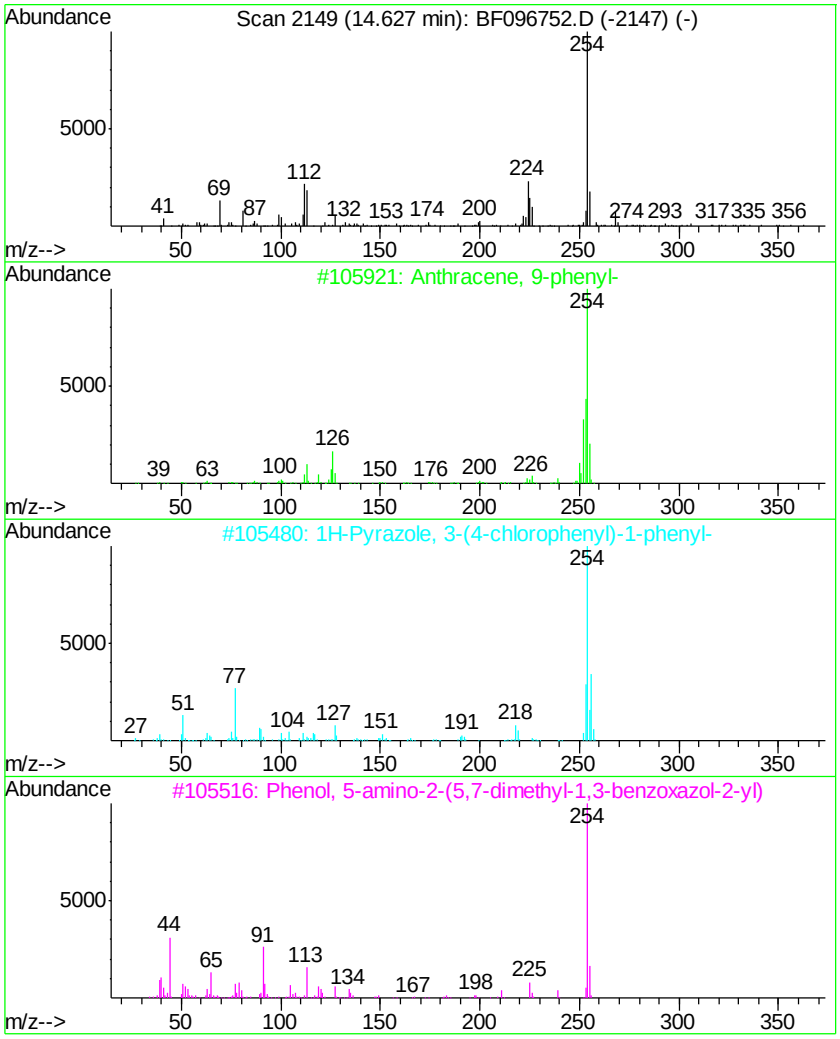
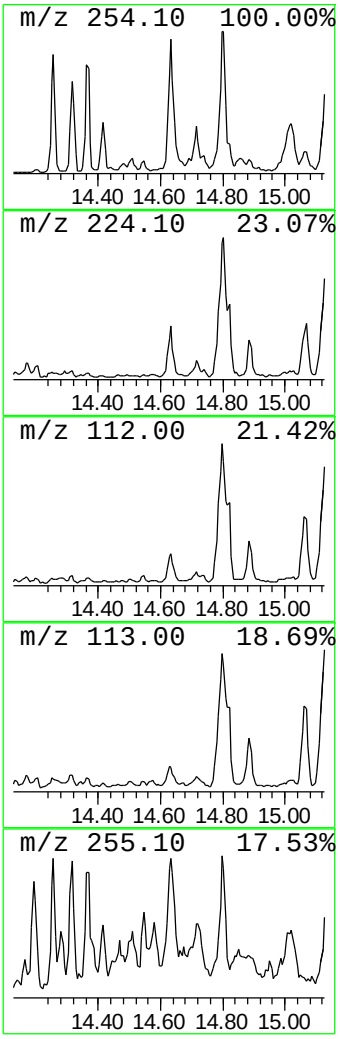
Peak Number 12 Anthracene, 9-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	14.67 ng	252972	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
2	1H-Pyrazole, 3-(4-chlorophenyl)-...	254	C15H11ClN2	033064-19-6	50
3	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	47
4	Fluorene, 9-(2-pyridinyl)methylene-	255	C19H13N	002871-27-4	47
5	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	40





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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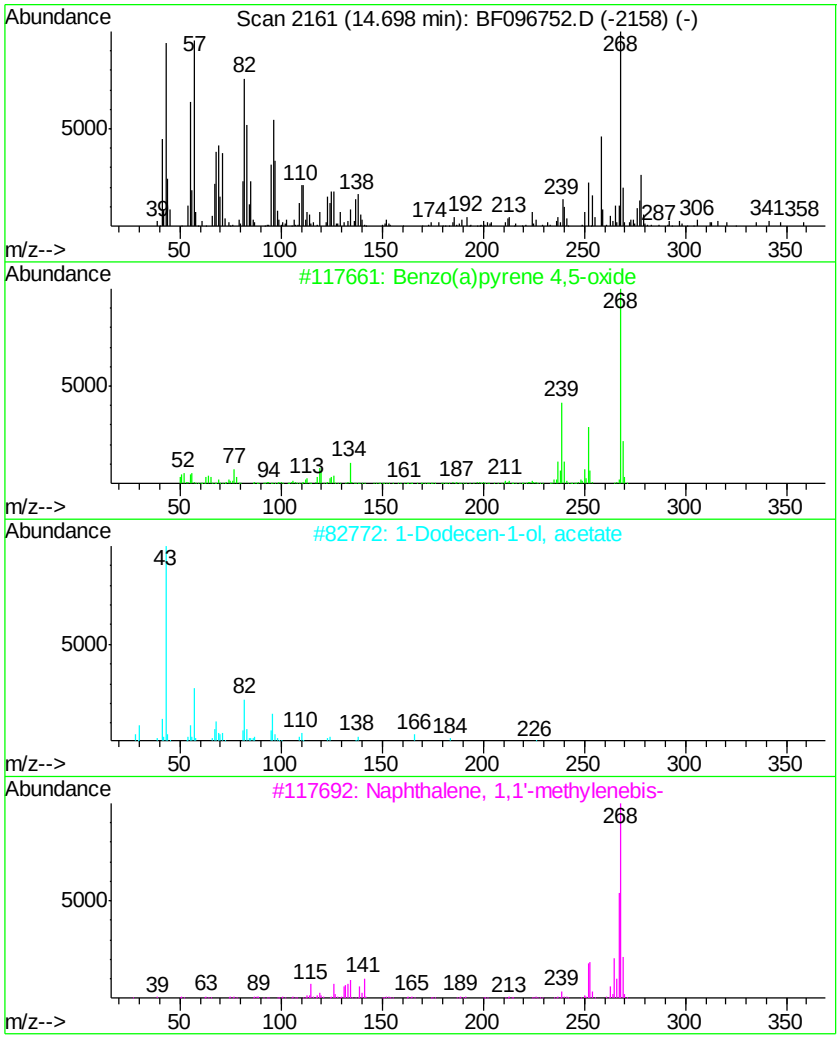
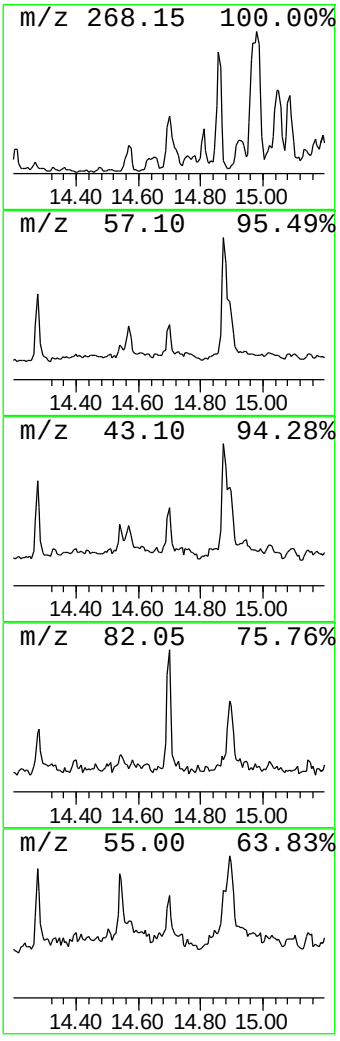
Peak Number 13 Benzo(a)pyrene 4,5-oxide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	14.55 ng	250834	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	38
2	1-Dodecen-1-ol, acetate	226	C14H26O2	056438-08-5	25
3	Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	25
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	22
5	Pentadecanal-	226	C15H30O	002765-11-9	22





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Operator : SJ/JU
Sample : I4166-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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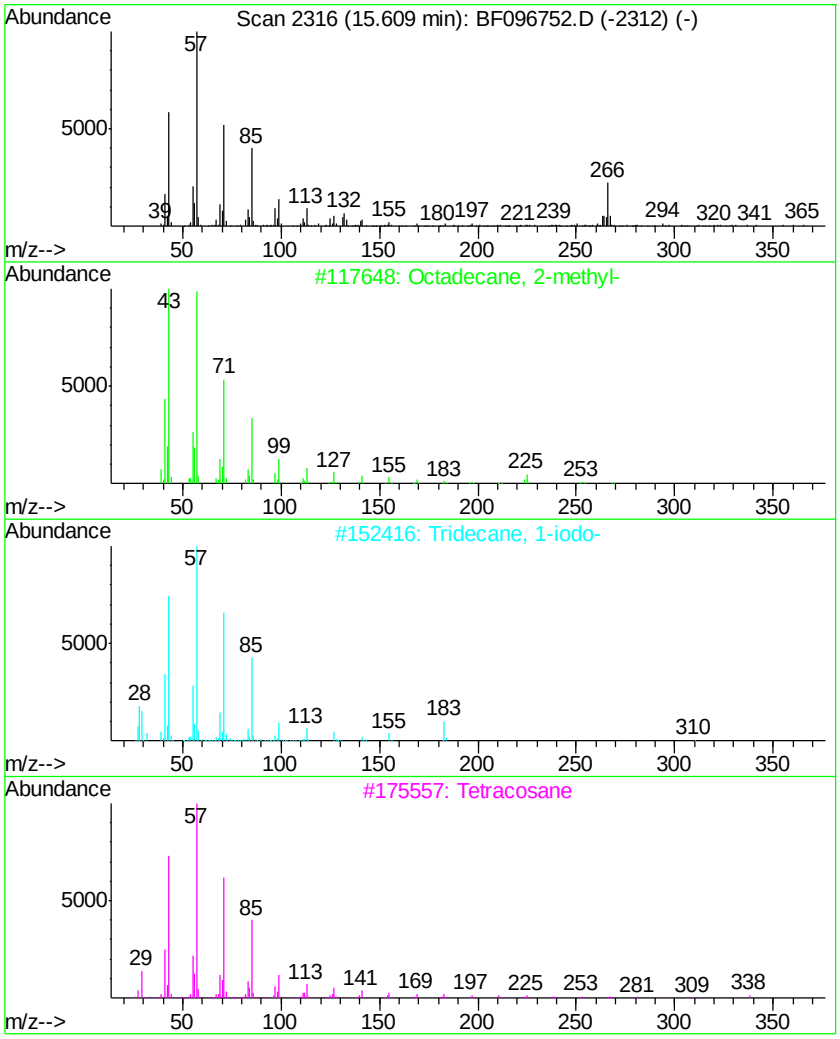
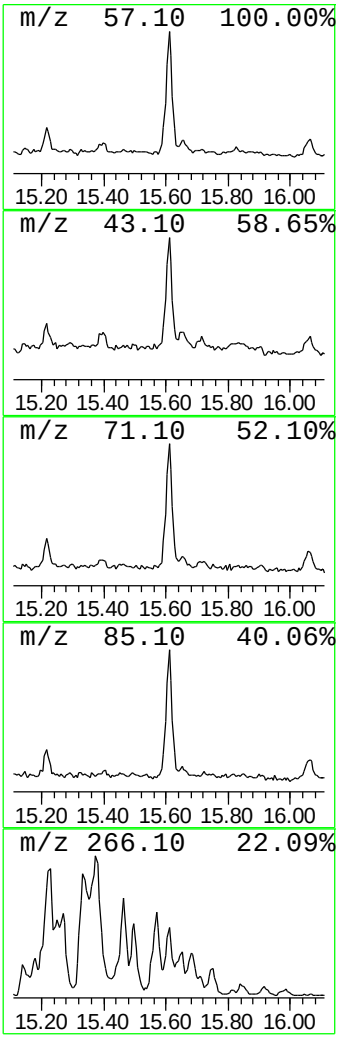
Peak Number 17 Octadecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	24.86 ng	428725	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	68
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
3	Tetracosane	338	C24H50	000646-31-1	68
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
5	Octadecane	254	C18H38	000593-45-3	64





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Instrument : BNA_F
ClientSampleId : COMP-1-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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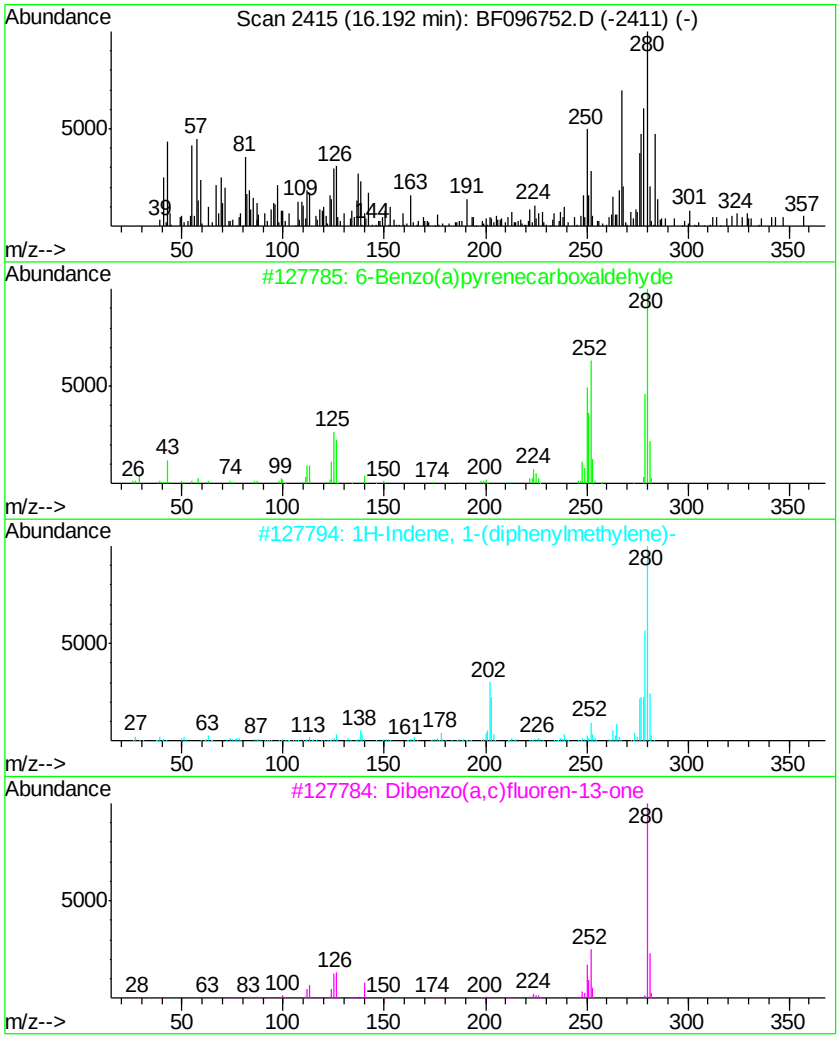
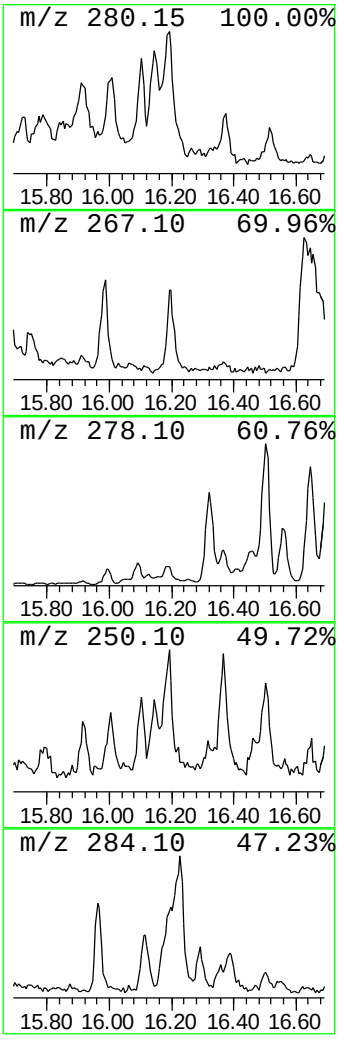
Peak Number 18 6-Benzo(a)pyrenecarboxaldehyde Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	20.74 ng	357592	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Benzo(a)pyrenecarboxaldehyde	280	C21H12O	013312-42-0	56
2	1H-Indene, 1-(diphenylmethylene)-	280	C22H16	013245-90-4	38
3	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	30
4	11H-Cyclopenta[a]phenanthren-17-...	280	C19H20O2	033760-56-4	30
5	7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	25





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1-2-3

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

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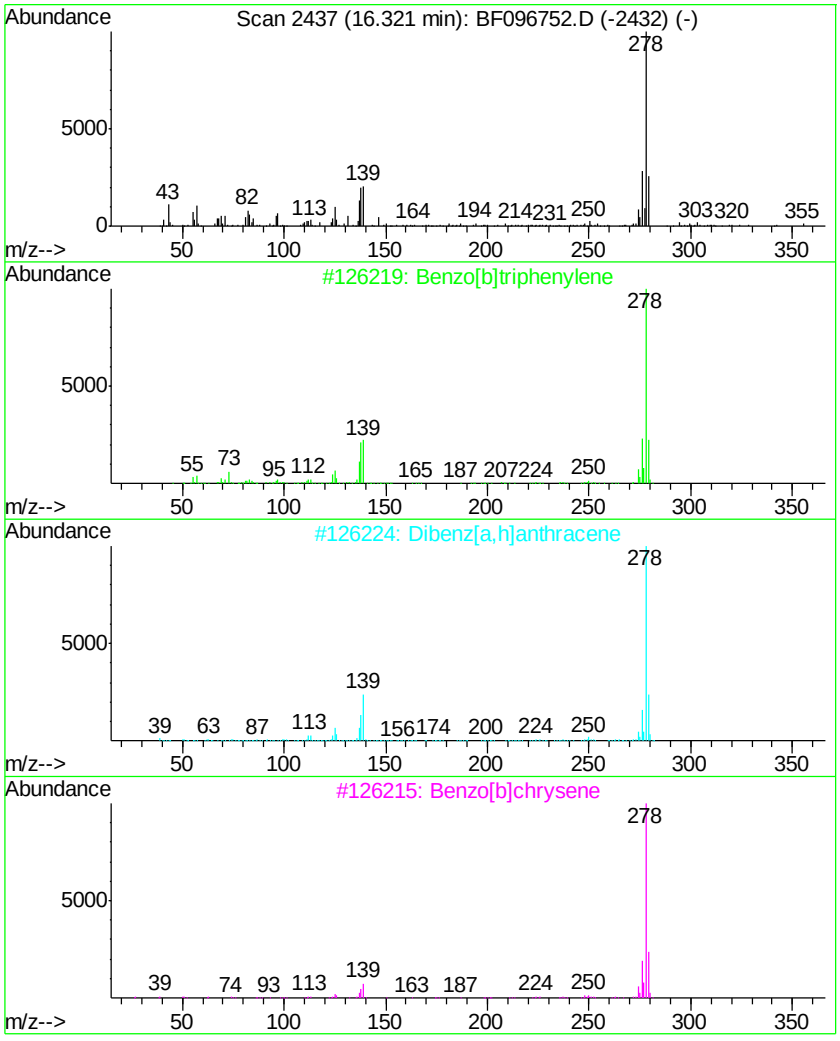
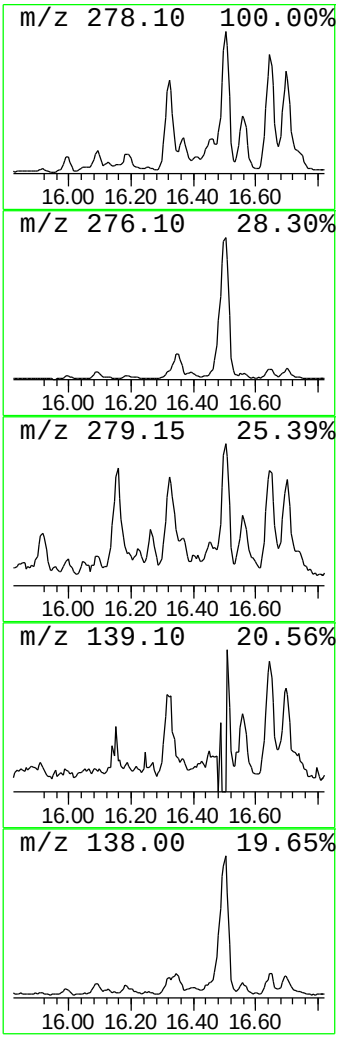
Peak Number 19 Benzo[b]triphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	17.88 ng	308309	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3	Benzo[b]chrysene	278	C22H14	000214-17-5	94
4	Picene	278	C22H14	000213-46-7	90
5	Pentaphene	278	C22H14	000222-93-5	89





Tentatively Identified Compound (LSC) summary

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Data File : BF096752.D
Acq On : 14 Jul 2017 2:46
Operator : SJ/JU
Sample : I4166-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1-2-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.41	6.41	62.7	ng	2026810	1	6.64	646265	20.0
Phenanthrene, 2-m...	11.65	29.6	ng	806640	4	11.15	545331	20.0
Phenanthrene, 1-m...	11.68	36.2	ng	986873	4	11.15	545331	20.0
4H-Cyclopenta[def...	11.76	50.1	ng	1365030	4	11.15	545331	20.0
Naphthalene, 2-ph...	11.94	18.8	ng	512743	4	11.15	545331	20.0
9,10-Anthracenedione	11.97	19.6	ng	535393	4	11.15	545331	20.0
Phenanthrene, 2,5...	12.20	27.5	ng	749190	4	11.15	545331	20.0
Cyclopenta(def)ph...	12.29	24.4	ng	664533	4	11.15	545331	20.0
9-Octadecenamide,...	14.54	20.0	ng	344873	6	15.17	344903	20.0
Anthracene, 9-phe...	14.63	14.7	ng	252972	6	15.17	344903	20.0
Benzo(a)pyrene 4,...	14.70	14.6	ng	250834	6	15.17	344903	20.0
Octadecane, 2-met...	15.61	24.9	ng	428725	6	15.17	344903	20.0
6-Benzo(a)pyrenec...	16.19	20.7	ng	357592	6	15.17	344903	20.0
Benzo[b]triphenylene	16.32	17.9	ng	308309	6	15.17	344903	20.0