LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113821.D
Acq On : 18 Apr 2019 17:07
Operator : JU/SJ
Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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	5.504	577	581	585	rBV	1928066	1847691	74.90%	4.293%
2	6.510	747	752	755	rBV	1979943	1870521	75.83%	4.346%
3	6.657	773	777	781	rBV	2248745	1971898	79.94%	4.581%
4	6.893	813	817	821	rBV	1440284	1114861	45.20%	2.590%
5	7.051	840	844	847	rVB	1855720	1545224	62.64%	3.590%
6	7.445	907	911	914	rBV	1401715	1138054	46.14%	2.644%
7	8.175	1031	1035	1038	rBV	1657850	1408400	57.10%	3.272%
8	8.886	1151	1156	1158	rVB	29357	29970	1.21%	0.070%
9	8.981	1169	1172	1177	rBV2	28136	33010	1.34%	0.077%
10	9.245	1213	1217	1220	rBV	2691706	2184847	88.57%	5.076%
11	9.334	1228	1232	1235	rBV2	31703	39054	1.58%	0.091%
12	9.504	1258	1261	1266	rBV2	27560	37180	1.51%	0.086%
13	9.586	1269	1275	1277	rBV	49369	51932	2.11%	0.121%
14	9.633	1281	1283	1289	rVB	267632	219466	8.90%	0.510%
15	9.698	1292	1294	1299	rBV3	21440	29101	1.18%	0.068%
16	9.786	1306	1309	1311	rBV	45455	38203	1.55%	0.089%
17	9.863	1317	1322	1325	rVB	36882	31460	1.28%	0.073%
18	9.928	1327	1333	1336	rBV	1759286	1493220	60.53%	3.469%
19	9.957	1336	1338	1341	rVB	117993	87640	3.55%	0.204%
20	10.128	1363	1367	1370	rVB	94874	82094	3.33%	0.191%
21	10.333	1398	1402	1404	rBV2	23386	29478	1.20%	0.068%
22	10.363	1404	1407	1411	rVB3	47806	46764	1.90%	0.109%
23	10.469	1422	1425	1431	rVB	165696	145430	5.90%	0.338%
24	10.533	1431	1436	1438	rBV2	23840	31569	1.28%	0.073%
25	10.628	1450	1452	1457	rVB2	39754	37424	1.52%	0.087%
26	10.704	1461	1465	1469	rBV	1281013	1163938	47.18%	2.704%
27	10.833	1484	1487	1495	rVB2	77555	94594	3.83%	0.220%
28	11.016	1514	1518	1521	rBV2	45327	51813	2.10%	0.120%
29	11.210	1548	1551	1556	rVB4	21189	30932	1.25%	0.072%
30	11.257	1556	1559	1561	rVV2	23541	31433	1.27%	0.073%
31	11.280	1561	1563	1565	rVV	56089	52900	2.14%	0.123%
32	11.304	1565	1567	1574	rVB2	77873	87726	3.56%	0.204%
33	11.410	1581	1585	1587	rBV	1486398	1449285	58.75%	3.367%
34	11.433	1587	1589	1592	rVV	850428	674874	27.36%	1.568%

LSC Area Percent Report

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Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.480	1592	1597	1600	rVV	323170	270168	10.95%	0.628%
36	11.516	1600	1603	1607	rVV3	32238	36358	1.47%	0.084%
37	11.627	1617	1622	1626	rBV	63194	82088	3.33%	0.191%
38	11.704	1633	1635	1638	rBV	58632	53920	2.19%	0.125%
39	11.733	1638	1640	1644	rVB3	48518	49571	2.01%	0.115%
40	11.804	1649	1652	1659	rVB	619870	511553	20.74%	1.188%
41	11.910	1666	1670	1672	rBV	162972	165335	6.70%	0.384%
42	11.933	1672	1674	1678	rVV	536675	490436	19.88%	1.139%
43	11.980	1679	1682	1685	rVV	96694	104758	4.25%	0.243%
44	12.022	1685	1689	1691	rVV2	301792	337125	13.67%	0.783%
45	12.039	1691	1692	1696	rVB	118146	87334	3.54%	0.203%
46	12.204	1714	1720	1729	rBV3	126215	181681	7.37%	0.422%
47	12.351	1740	1745	1748	rBV2	51891	69572	2.82%	0.162%
48	12.380	1748	1750	1752	rBV	51869	42719	1.73%	0.099%
49	12.404	1752	1754	1757	rVB2	48456	43798	1.78%	0.102%
50	12.457	1760	1763	1765	rBV	136670	130240	5.28%	0.303%
51	12.492	1765	1769	1770	rBV	1620786	1363788	55.29%	3.168%
52	12.510	1770	1772	1775	rVB	1680537	1412128	57.25%	3.281%
53	12.598	1783	1787	1788	rBV	210935	205311	8.32%	0.477%
54	12.616	1788	1790	1793	rVV	1538609	1382204	56.03%	3.211%
55	12.663	1796	1798	1803	rVV3	59797	108437	4.40%	0.252%
56	12.722	1803	1808	1814	rVV2	622835	723605	29.33%	1.681%
57	12.769	1814	1816	1820	rVV	93198	106120	4.30%	0.247%
58	12.845	1822	1829	1832	rVV	1495634	1573026	63.77%	3.655%
59	12.869	1832	1833	1835	rVV2	79261	49432	2.00%	0.115%
60	12.892	1835	1837	1843	rVB2	65721	100214	4.06%	0.233%
61	12.963	1846	1849	1850	rBV	88755	75181	3.05%	0.175%
62	12.986	1850	1853	1860	rVB	2243505	2116699	85.81%	4.918%
63	13.063	1862	1866	1869	rBV2	101507	147832	5.99%	0.343%
64	13.122	1873	1876	1878	rBV4	39937	41886	1.70%	0.097%
65	13.174	1878	1885	1888	rVB	262426	371690	15.07%	0.864%
66	13.239	1892	1896	1899	rBV	292070	268024	10.87%	0.623%
67	13.274	1899	1902	1905	rBV	168168	155054	6.29%	0.360%
68	13.369	1915	1918	1921	rBV	108862	95821	3.88%	0.223%
69	13.398	1921	1923	1926	rBV	110356	105328	4.27%	0.245%
70	13.521	1941	1944	1947	rVB	157184	123770	5.02%	0.288%
71	13.574	1950	1953	1955	rBV2	46792	46438	1.88%	0.108%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.674	1964	1970	1975	rBV3	57902	130545	5.29%	0.303%
73	13.792	1985	1990	1992	rBV2	127081	186792	7.57%	0.434%
74	13.816	1992	1994	1996	rVV	118942	117593	4.77%	0.273%
75	13.839	1996	1998	2002	rVV2	111474	150512	6.10%	0.350%
76	13.886	2002	2006	2010	rVB3	213672	259505	10.52%	0.603%
77	14.039	2027	2032	2035	rBV2	1895386	2466760	100.00%	5.731%
78	14.063	2035	2036	2042	rVB	764056	584391	23.69%	1.358%
79	14.145	2048	2050	2053	rVB	148272	110799	4.49%	0.257%
80	14.174	2053	2055	2057	rBV	43368	39956	1.62%	0.093%
81	14.216	2060	2062	2066	rVB2	97902	101459	4.11%	0.236%
82	14.257	2066	2069	2073	rBV2	73069	80835	3.28%	0.188%
83	14.386	2089	2091	2093	rBV2	53053	49585	2.01%	0.115%
84	14.427	2095	2098	2101	rVV	150364	164422	6.67%	0.382%
85	14.457	2101	2103	2106	rVB	98838	82353	3.34%	0.191%
86	14.516	2111	2113	2116	rVV2	181598	190363	7.72%	0.442%
87	14.551	2116	2119	2120	rVV	103055	101144	4.10%	0.235%
88	14.568	2120	2122	2126	rVB3	137909	122690	4.97%	0.285%
89	14.621	2126	2131	2138	rBV6	69455	146669	5.95%	0.341%
90	14.827	2164	2166	2168	rBV	64112	48274	1.96%	0.112%
91	15.080	2205	2209	2212	rBV	585891	892472	36.18%	2.073%
92	15.186	2222	2227	2233	rVB2	186838	294453	11.94%	0.684%
93	15.380	2257	2260	2266	rVB	376370	465487	18.87%	1.081%
94	15.445	2267	2271	2277	rVV	619409	727787	29.50%	1.691%
95	15.510	2277	2282	2286	rVV	1376649	1820685	73.81%	4.230%
96	15.539	2286	2287	2294	rVB2	199533	311103	12.61%	0.723%
97	15.674	2308	2310	2315	rBV6	51847	72319	2.93%	0.168%
98	15.998	2362	2365	2369	rBV2	91021	124053	5.03%	0.288%
99	16.974	2526	2531	2539	rVB2	229843	457166	18.53%	1.062%
100	17.415	2601	2606	2617	rVB	162103	331974	13.46%	0.771%

Sum of corrected areas: 43042776

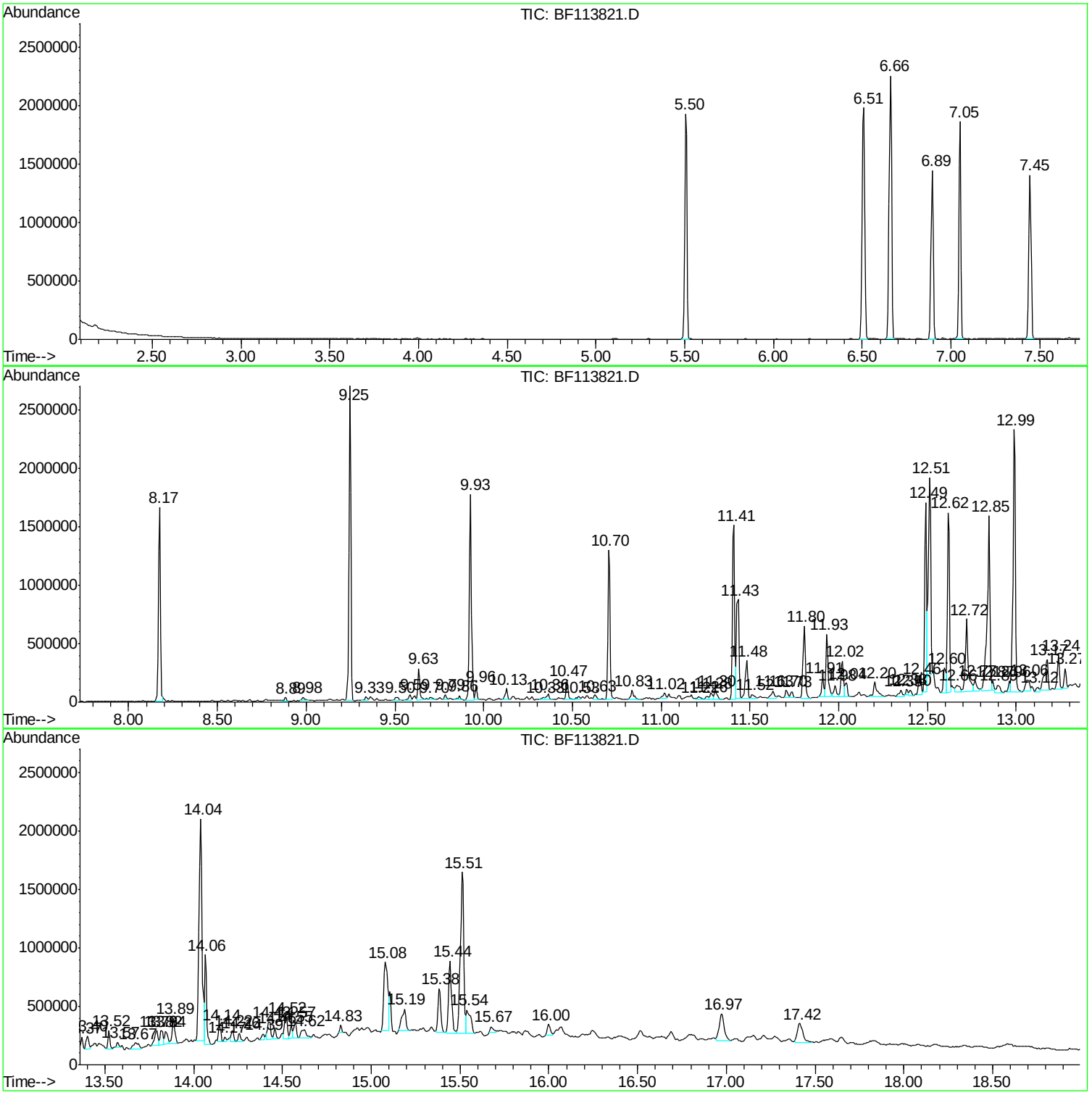
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113821.D
Acq On : 18 Apr 2019 17:07
Operator : JU/SJ
Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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Acq On : 18 Apr 2019 17:07
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Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

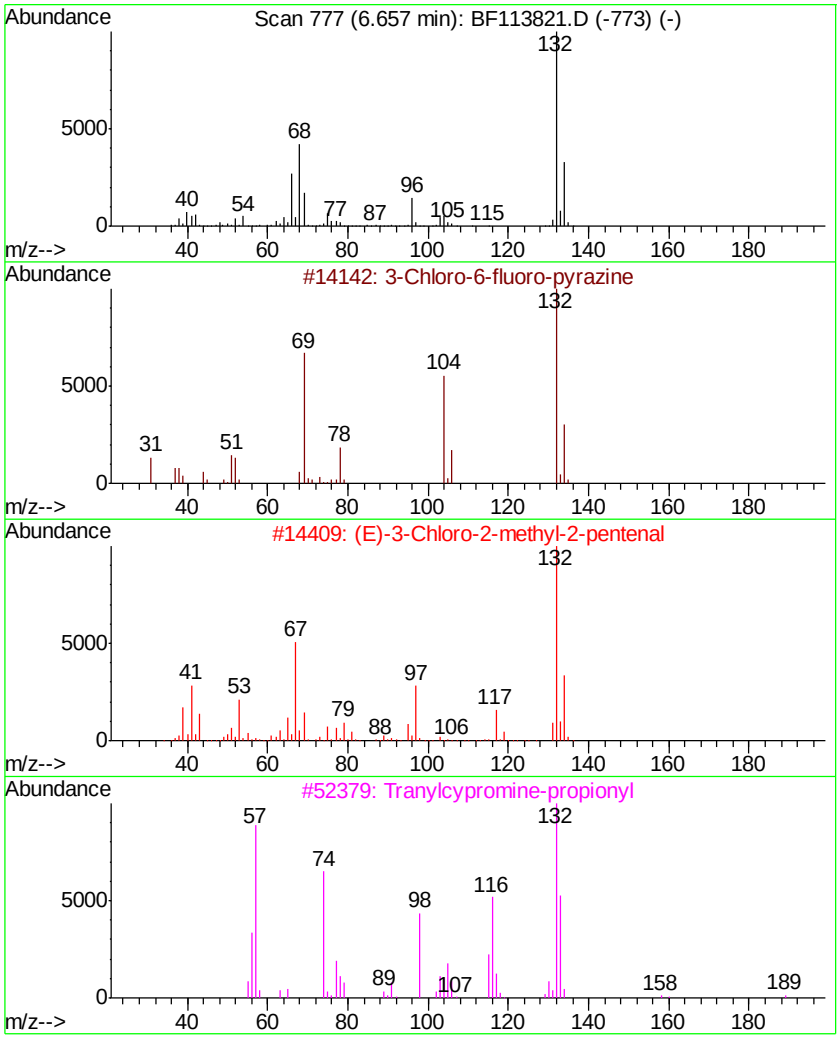
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

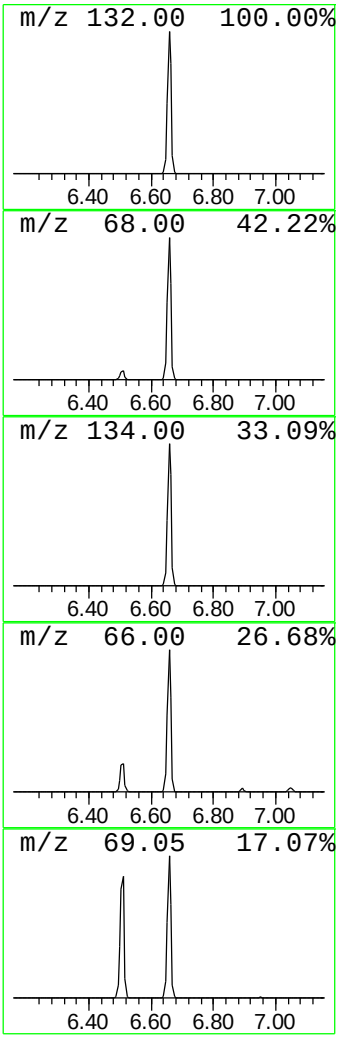
****

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	35.37 ng	1971900	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : SU-01-041519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

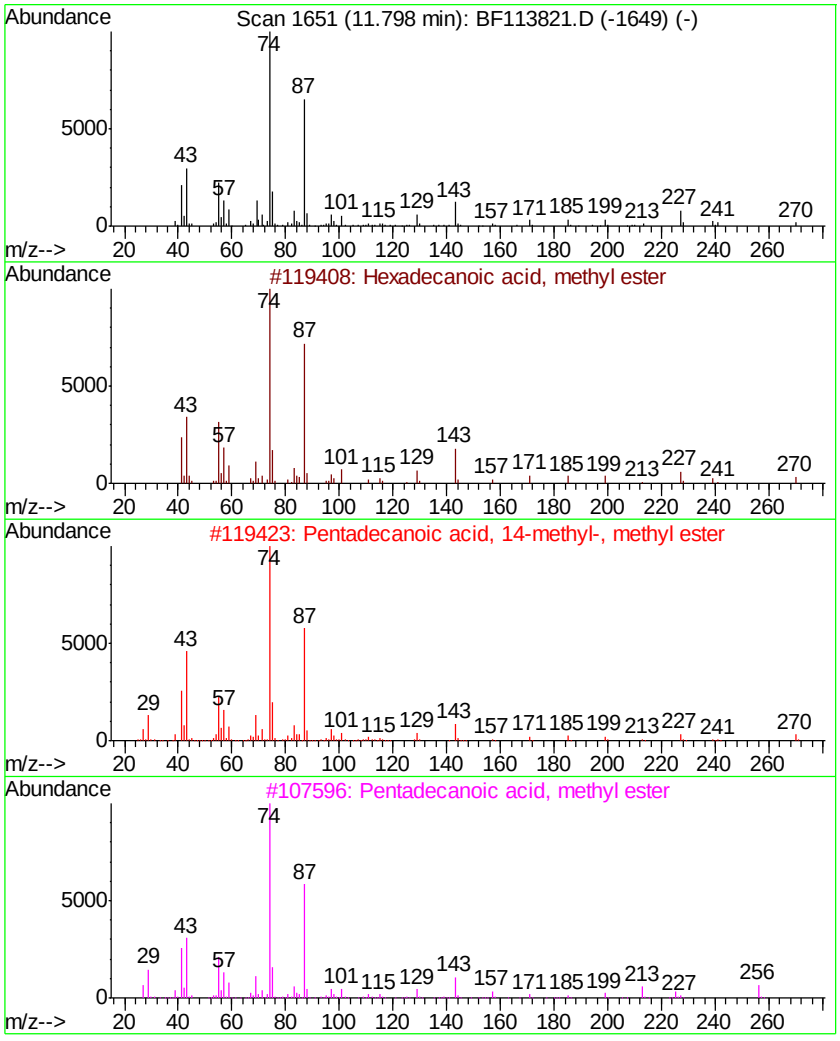
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

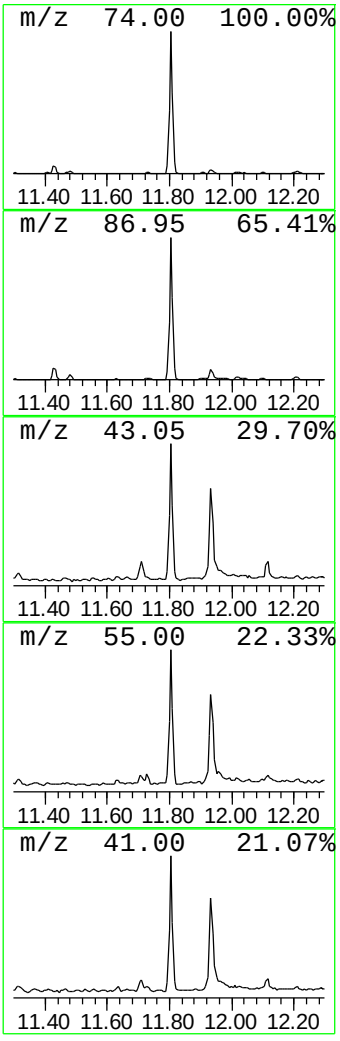
****

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	7.06 ng	511553	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

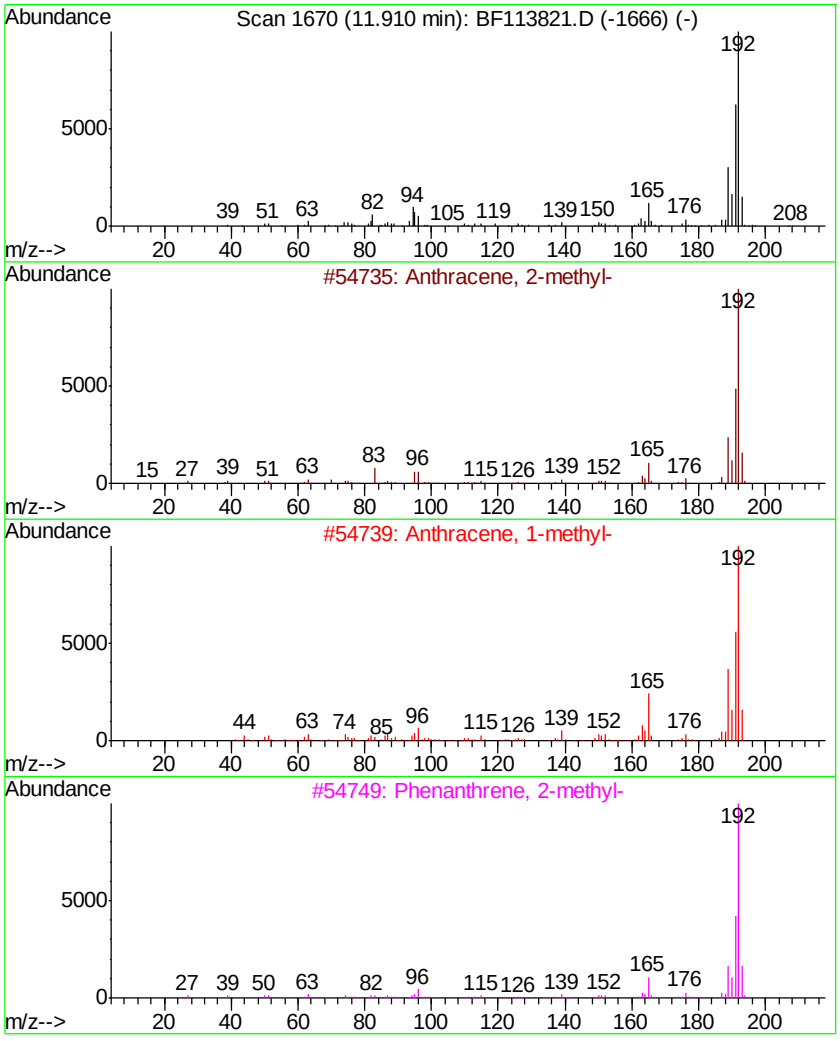
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

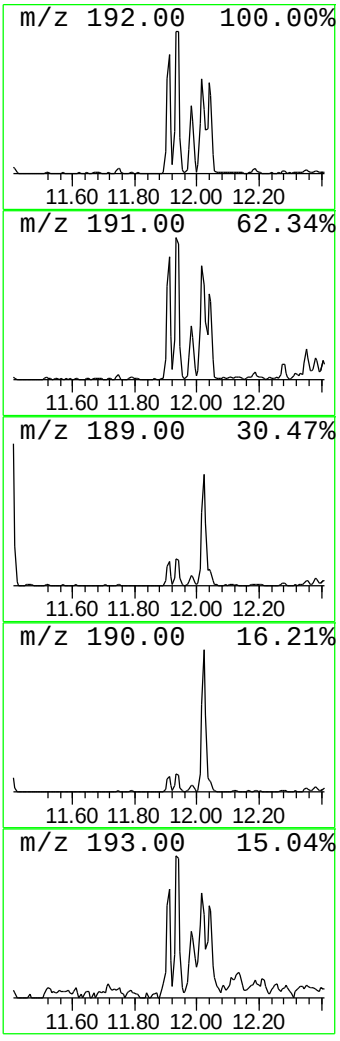
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.28 ng	165335	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

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Data File : BF113821.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

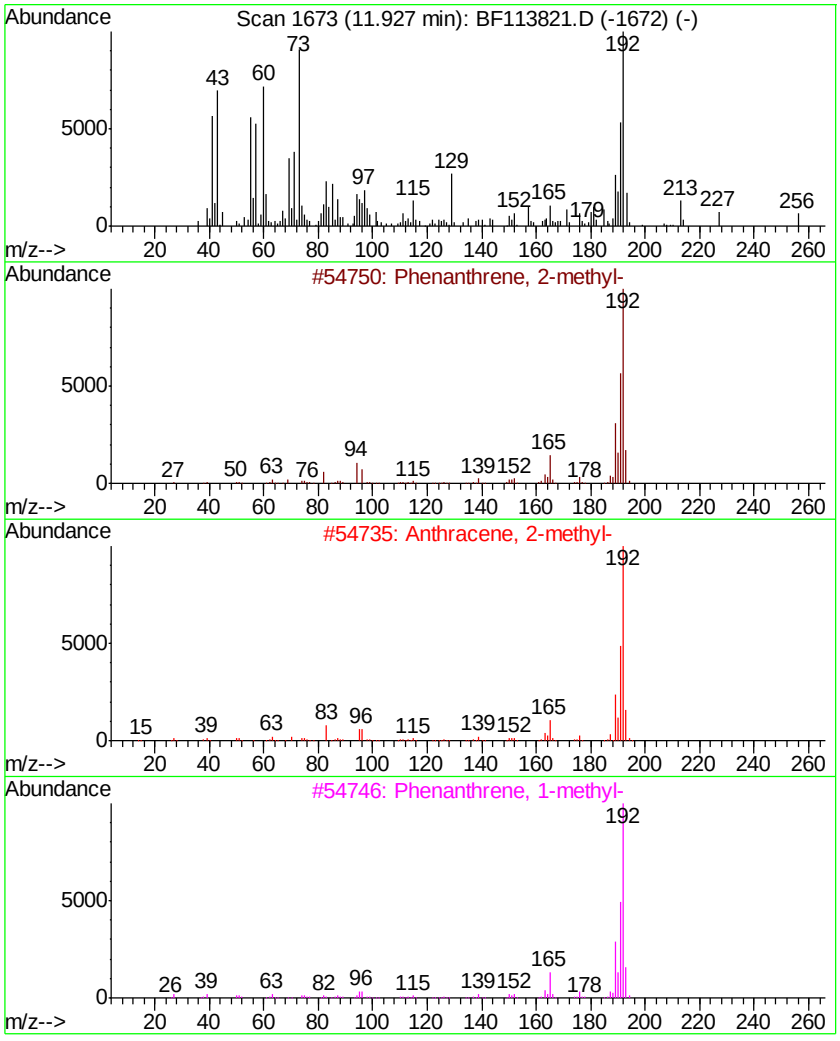
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

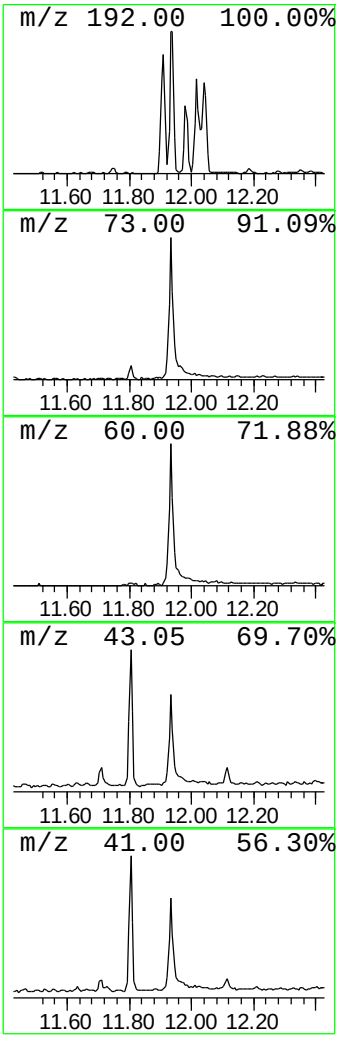
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.77 ng	490436	Phenanthrene-d10	11.41

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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113821.D
Acq On : 18 Apr 2019 17:07
Operator : JU/SJ
Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

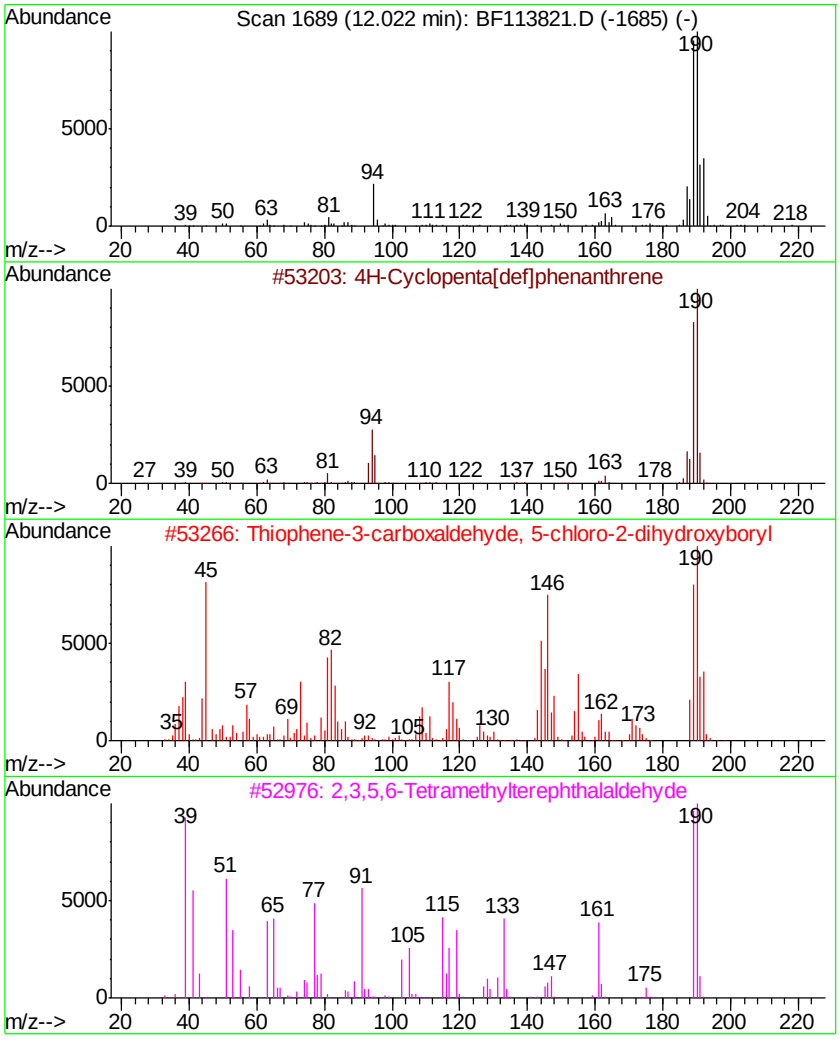
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

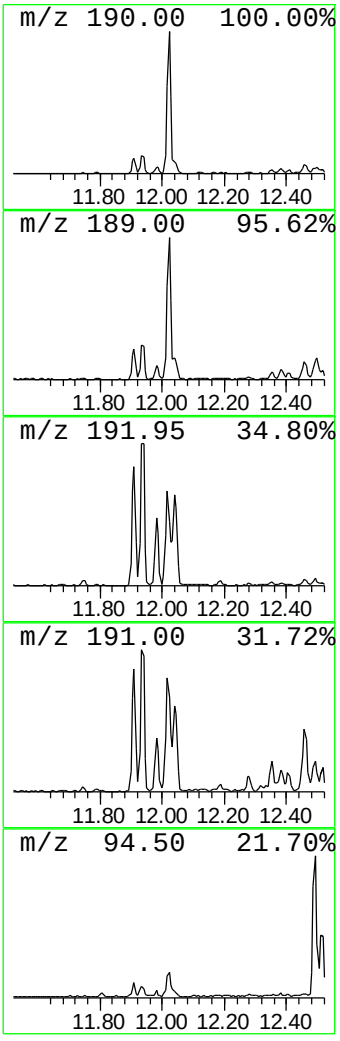
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.65 ng	337125	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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Data File : BF113821.D
Acq On : 18 Apr 2019 17:07
Operator : JU/SJ
Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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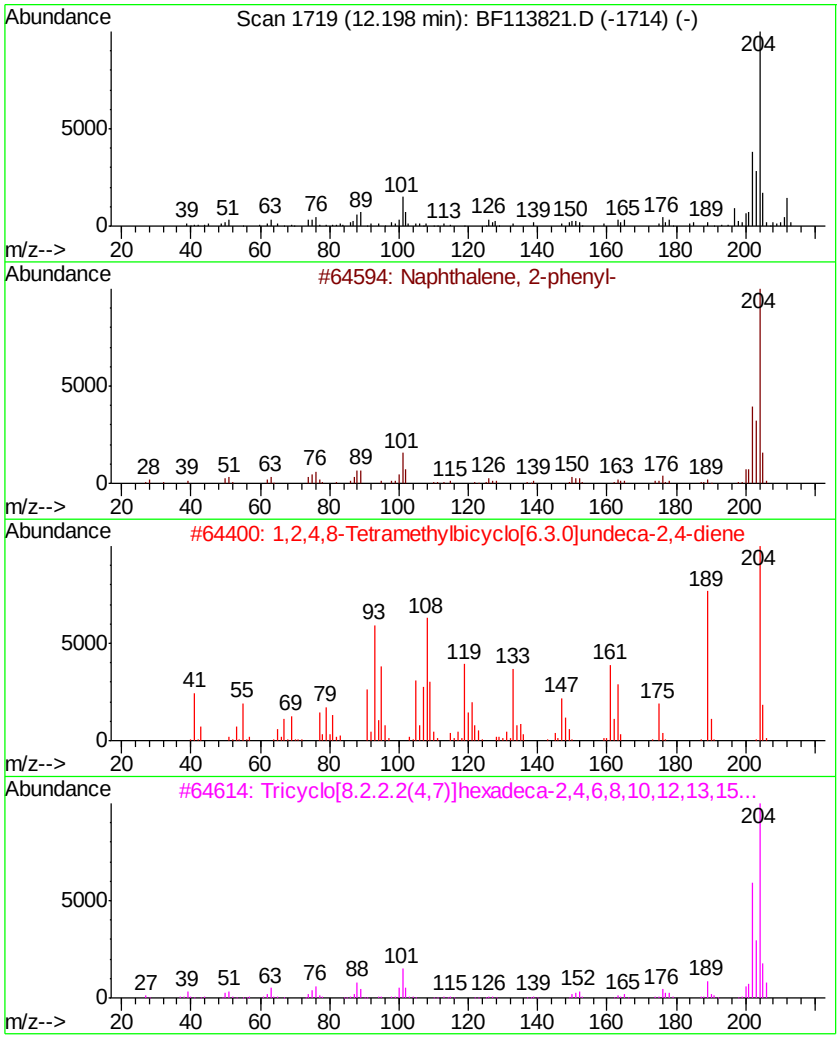
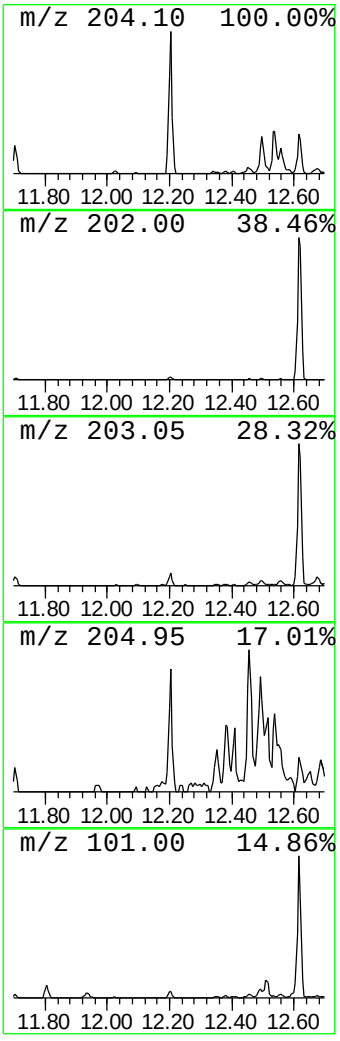
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.51 ng	181681	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	74
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70





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Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

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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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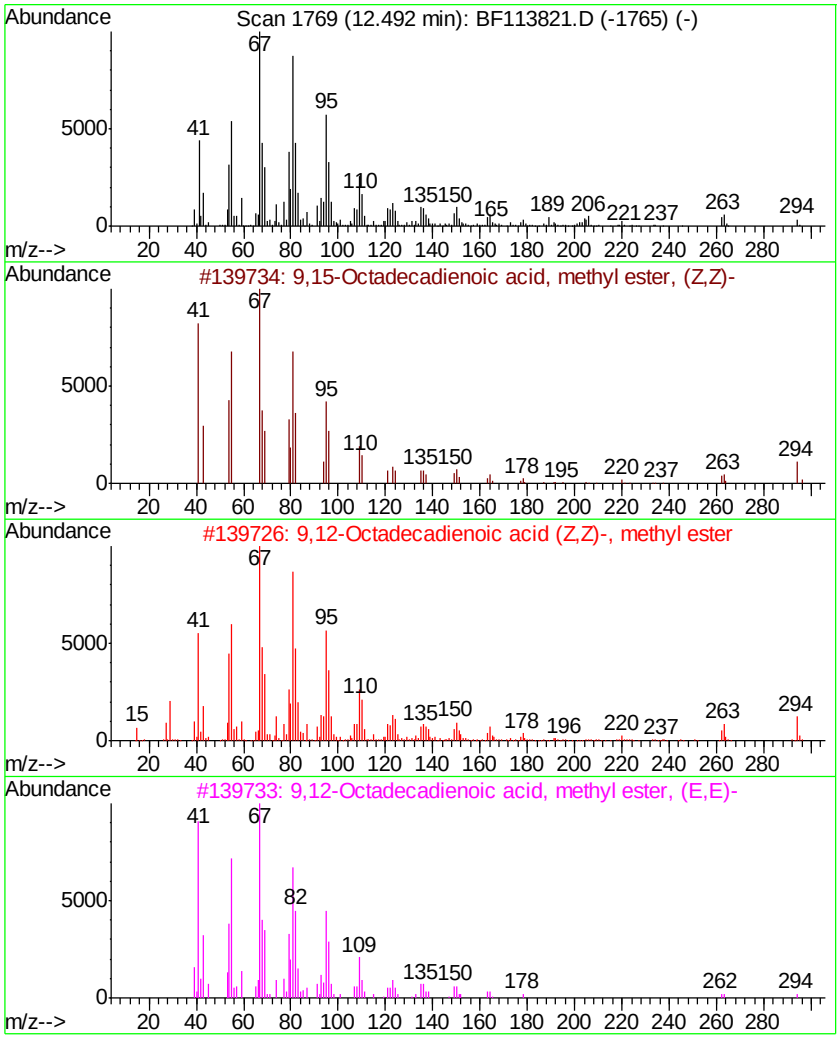
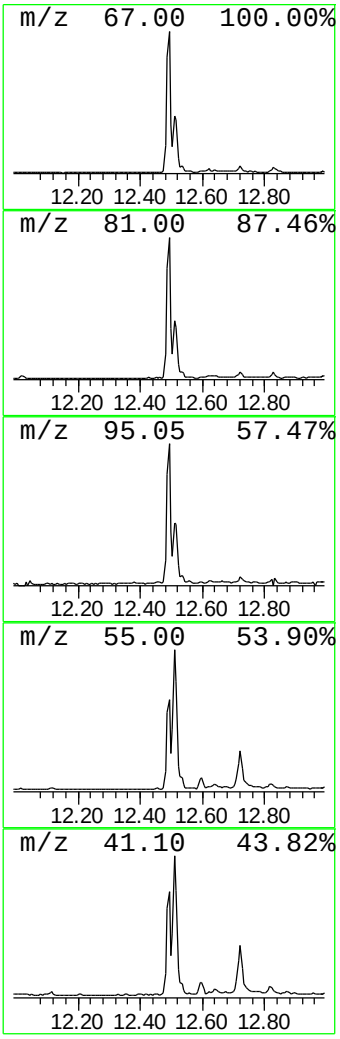
Peak Number 8 9,15-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	18.82 ng	1363790	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002566-97-4	99
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98





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Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

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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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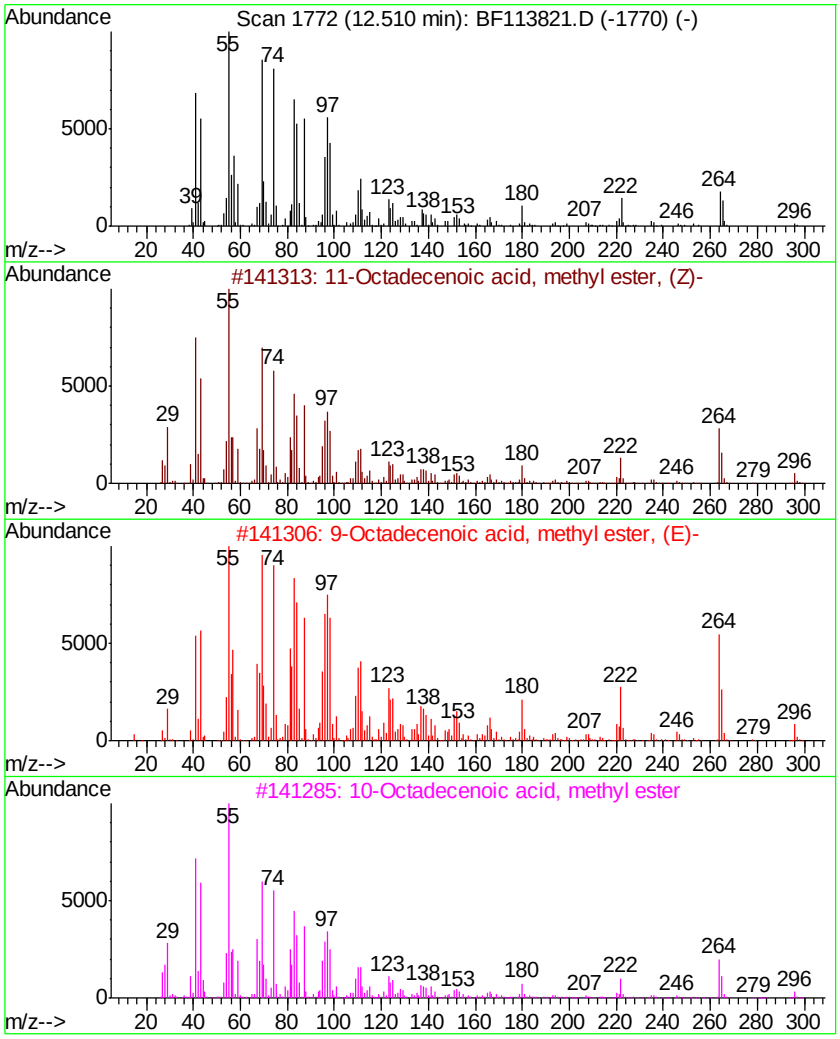
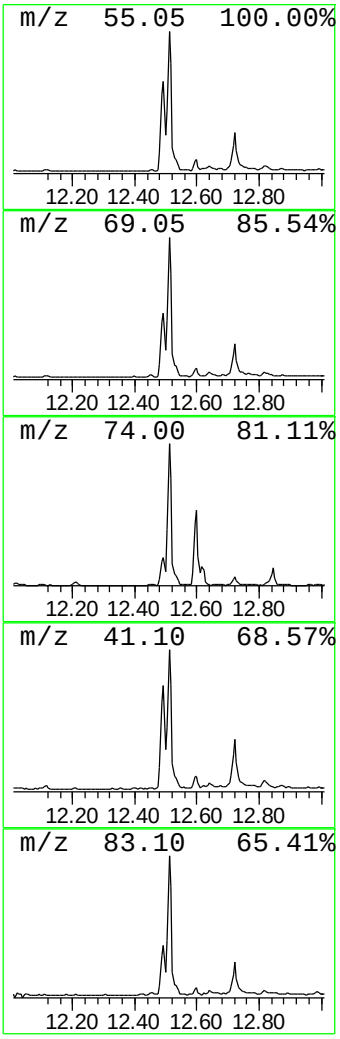
Peak Number 9 11-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	19.49 ng	1412130	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	92
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	86
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	70
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	64





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Acq On : 18 Apr 2019 17:07
Operator : JU/SJ
Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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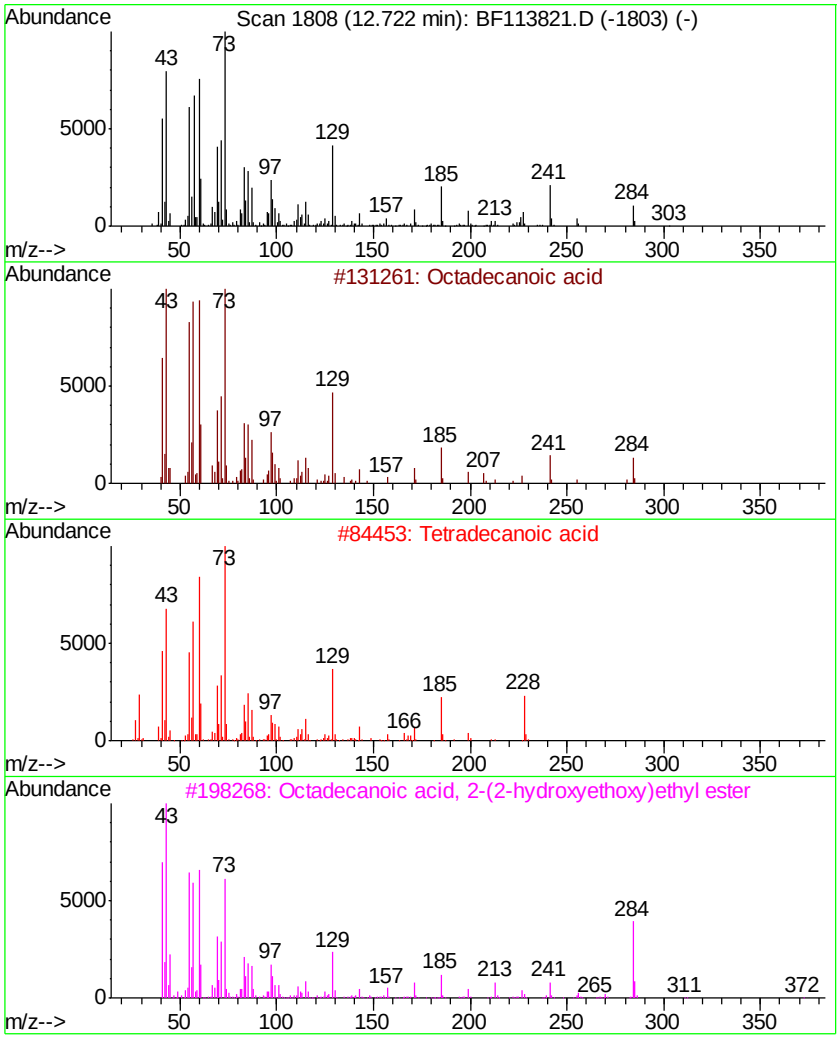
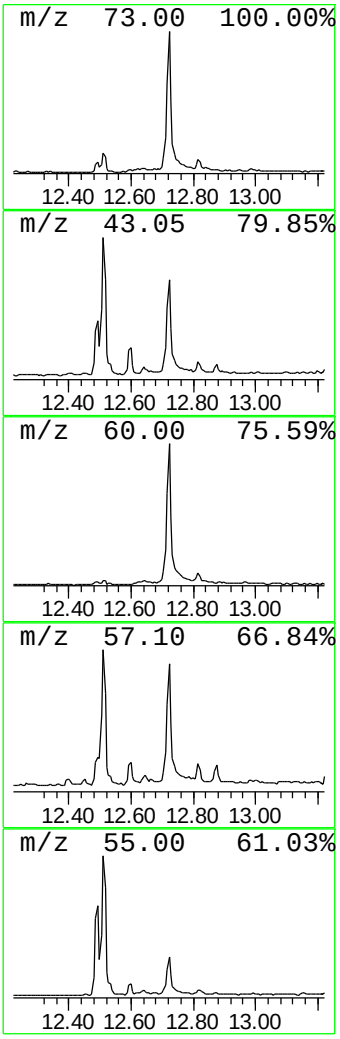
Peak Number 10 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	9.99 ng	723605	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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Acq On : 18 Apr 2019 17:07
Operator : JU/SJ
Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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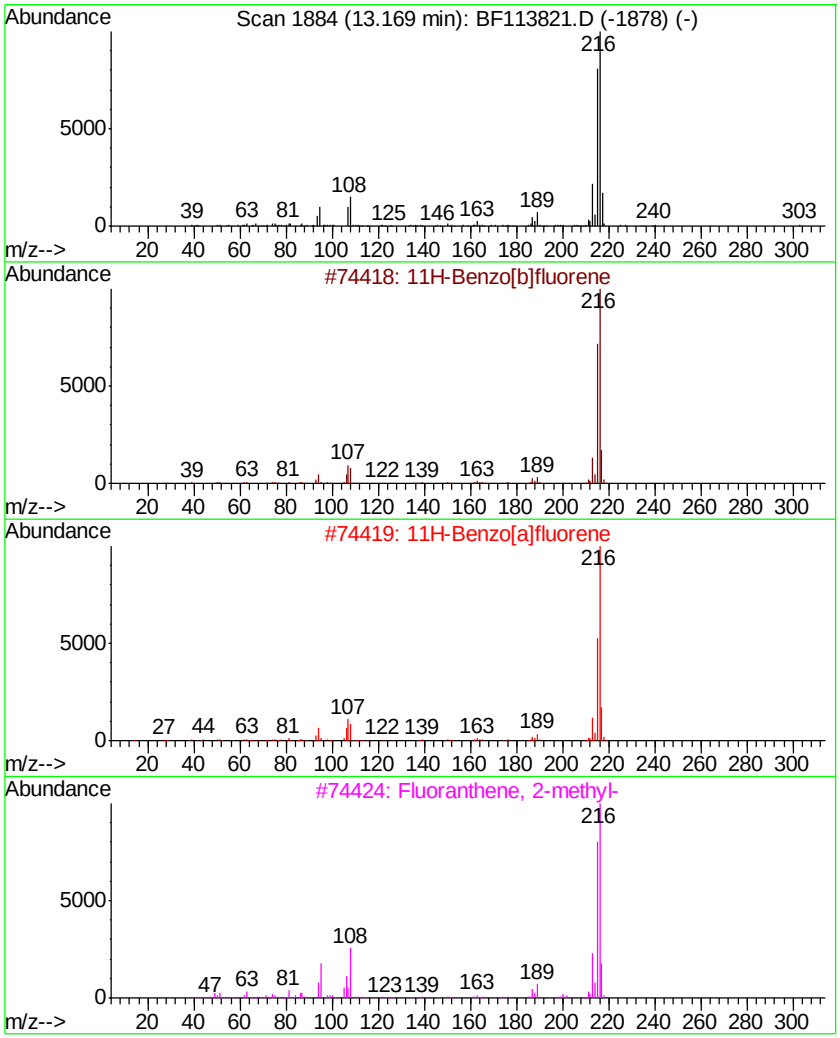
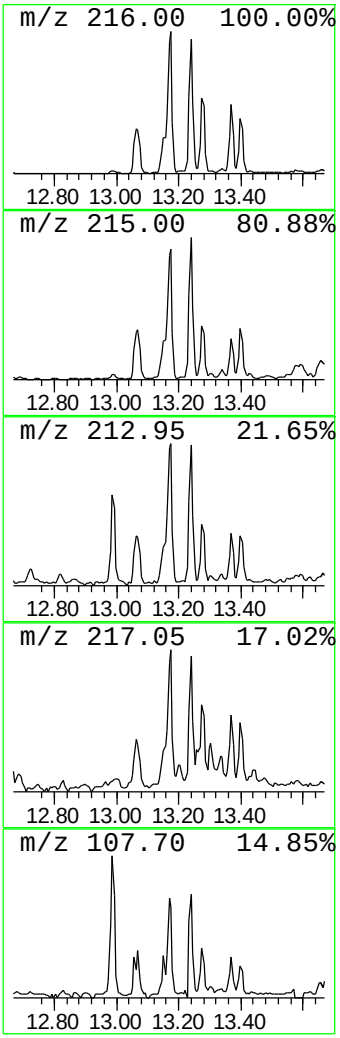
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.01 ng	371690	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
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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Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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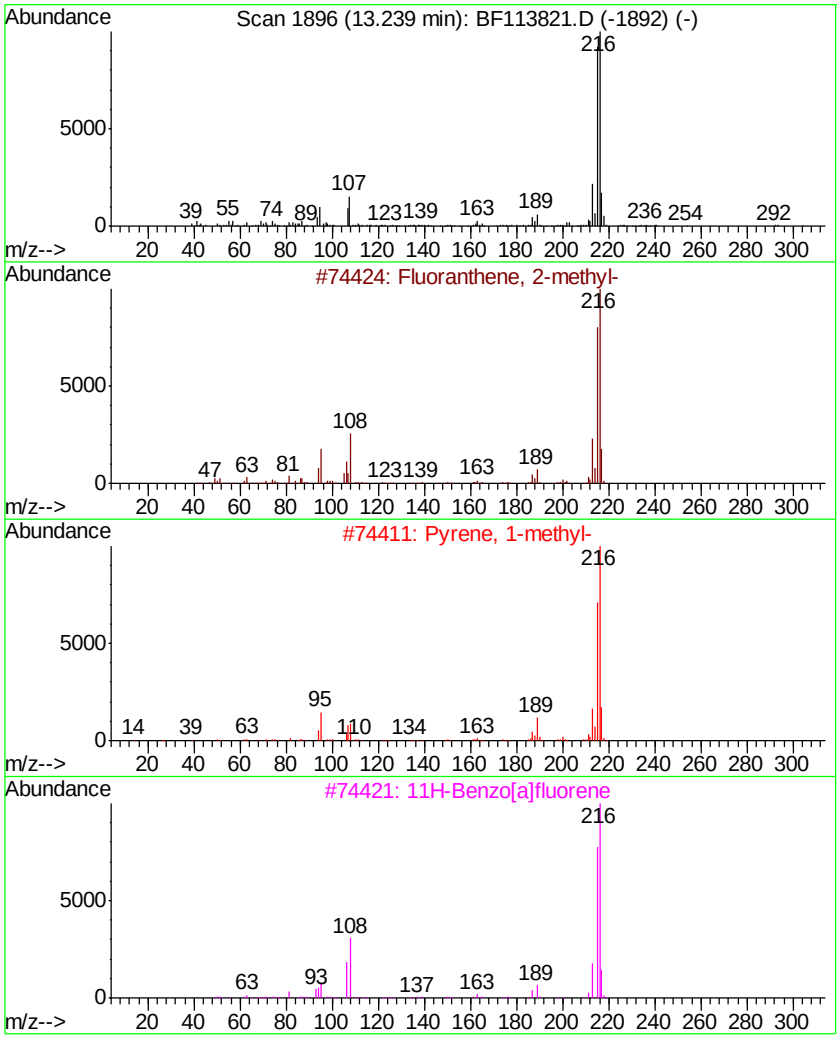
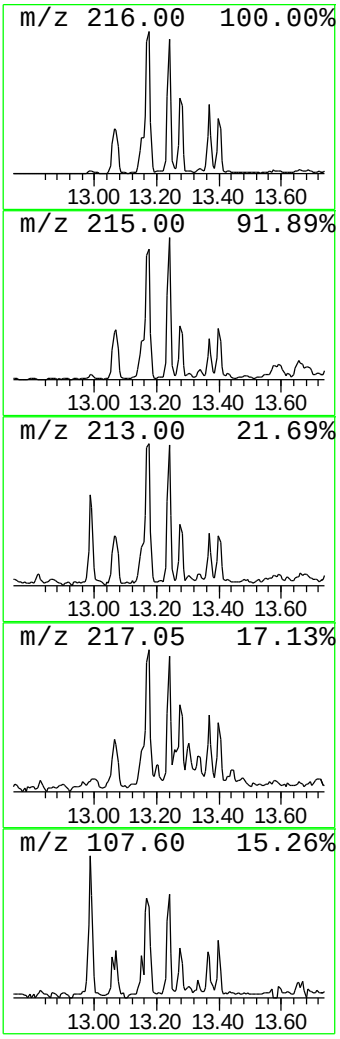
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.17 ng	268024	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53





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Data File : BF113821.D
Acq On : 18 Apr 2019 17:07
Operator : JU/SJ
Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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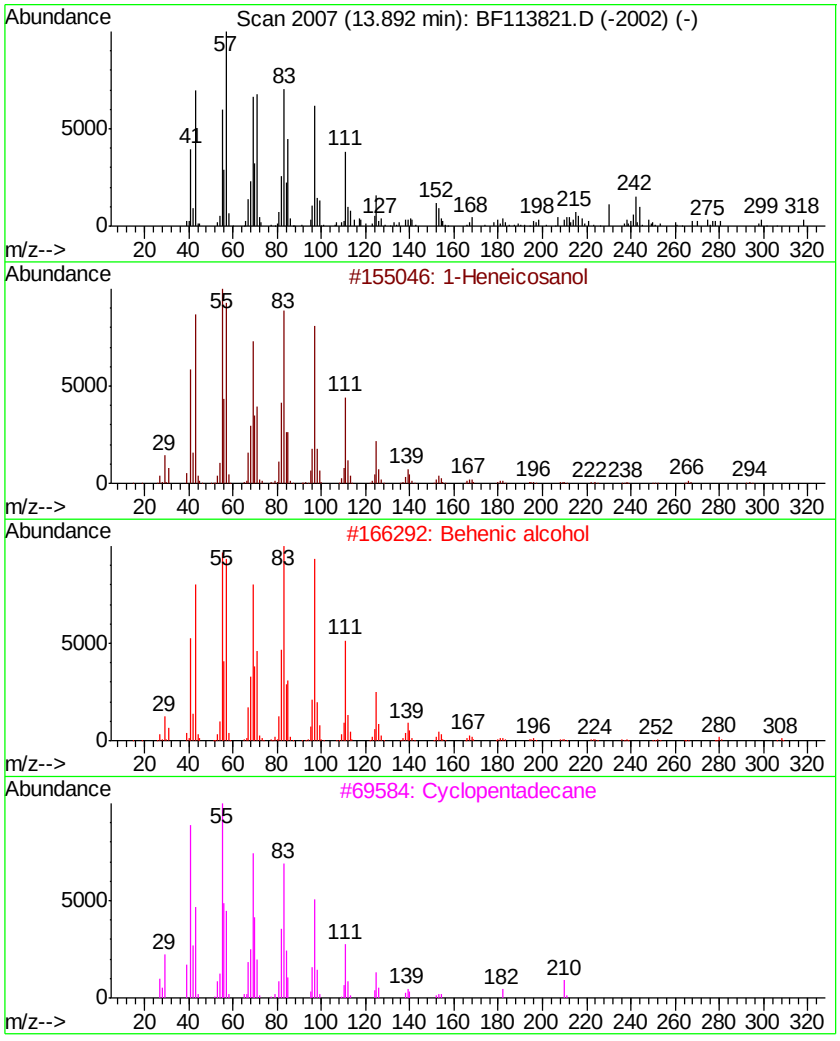
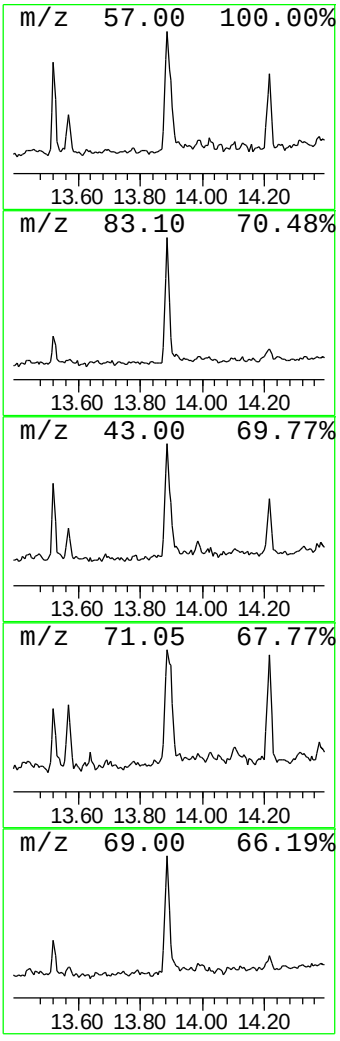
Peak Number 13 1-Heneicosanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.10 ng	259505	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113821.D
Acq On : 18 Apr 2019 17:07
Operator : JU/SJ
Sample : K2203-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-041519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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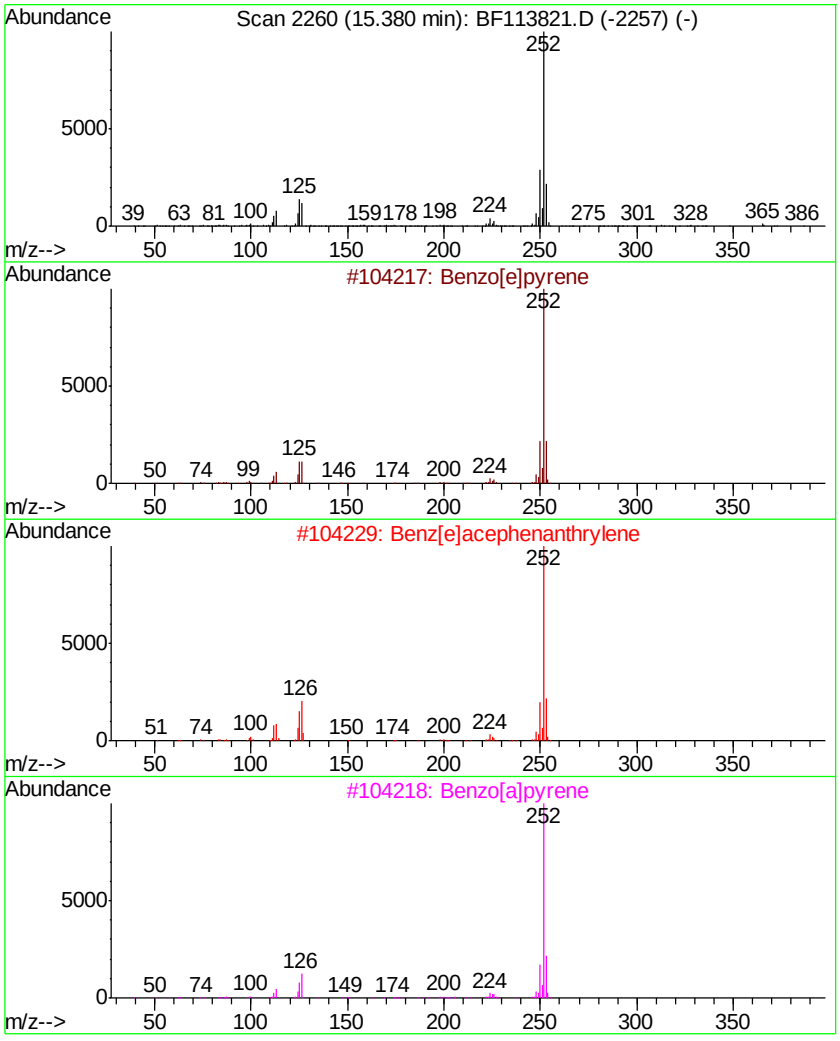
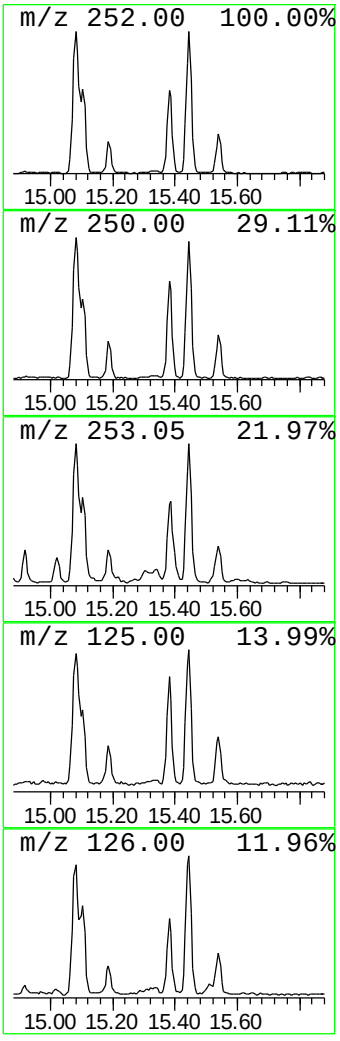
Peak Number 15 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	5.11 ng	465487	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

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Data File : BF113821.D
Acq On : 18 Apr 2019 17:07
Operator : JU/SJ
Sample : K2203-09 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SU-01-041519-A

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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
unknown6.66	6.66	35.4	ng	1971900	1	6.89	1114860	20.0
Hexadecanoic acid...	11.80	7.1	ng	511553	4	11.41	1449290	20.0
Anthracene, 2-met...	11.91	2.3	ng	165335	4	11.41	1449290	20.0
Phenanthrene, 2-m...	11.93	6.8	ng	490436	4	11.41	1449290	20.0
4H-Cyclopenta[def...	12.02	4.7	ng	337125	4	11.41	1449290	20.0
Naphthalene, 2-ph...	12.20	2.5	ng	181681	4	11.41	1449290	20.0
9,15-Octadecadien...	12.49	18.8	ng	1363790	4	11.41	1449290	20.0
11-Octadecenoic a...	12.51	19.5	ng	1412130	4	11.41	1449290	20.0
Octadecanoic acid	12.72	10.0	ng	723605	4	11.41	1449290	20.0
11H-Benzo[b]fluorene	13.17	3.0	ng	371690	5	14.04	2466760	20.0
Fluoranthene, 2-m...	13.24	2.2	ng	268024	5	14.04	2466760	20.0
1-Heneicosanol	13.89	2.1	ng	259505	5	14.04	2466760	20.0
Benzo[e]pyrene	15.38	5.1	ng	465487	6	15.51	1820690	20.0