LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108864.D
Acq On : 7 Sep 2018 16:52
Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-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-BF090518.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	5.337	506	510	513	rBV	1134985	983262	15.27%	1.976%
2	6.360	680	684	687	rBV	1286682	1046553	16.25%	2.103%
3	6.501	704	708	711	rBV	1157853	1060563	16.47%	2.131%
4	6.737	744	748	751	rBV	1826047	1460334	22.68%	2.935%
5	6.890	770	774	778	rBV	1033573	842406	13.08%	1.693%
6	7.290	838	842	845	rBV	809120	638033	9.91%	1.282%
7	8.019	961	966	968	rBV	2333273	1915238	29.74%	3.849%
8	8.731	1083	1087	1090	rVB	103161	92478	1.44%	0.186%
9	8.825	1100	1103	1108	rBV2	92259	103244	1.60%	0.207%
10	9.089	1145	1148	1152	rBV	1536517	1208683	18.77%	2.429%
11	9.189	1162	1165	1168	rVB	97339	80962	1.26%	0.163%
12	9.354	1189	1193	1197	rBV2	70961	92307	1.43%	0.186%
13	9.425	1200	1205	1208	rBV	98661	131648	2.04%	0.265%
14	9.484	1212	1215	1218	rBV	304128	242152	3.76%	0.487%
15	9.542	1223	1225	1231	rVB5	56644	79904	1.24%	0.161%
16	9.625	1236	1239	1242	rBV	144949	123227	1.91%	0.248%
17	9.713	1252	1254	1258	rVB	105230	90021	1.40%	0.181%
18	9.766	1258	1263	1266	rBV2	2328471	2043748	31.74%	4.107%
19	9.795	1266	1268	1271	rVB	180233	156649	2.43%	0.315%
20	9.972	1291	1298	1302	rVB	163766	181204	2.81%	0.364%
21	10.083	1313	1317	1320	rBV2	50292	71055	1.10%	0.143%
22	10.213	1336	1339	1342	rVB2	180974	134741	2.09%	0.271%
23	10.307	1352	1355	1358	rBV	317751	284285	4.41%	0.571%
24	10.436	1373	1377	1379	rBV3	64587	84140	1.31%	0.169%
25	10.466	1379	1382	1388	rVB2	69508	96534	1.50%	0.194%
26	10.548	1392	1396	1400	rVB	686869	636220	9.88%	1.279%
27	10.683	1414	1419	1426	rVB	217145	252483	3.92%	0.507%
28	10.854	1444	1448	1451	rBV2	62295	74565	1.16%	0.150%
29	11.130	1492	1495	1499	rBV2	220525	243160	3.78%	0.489%
30	11.160	1499	1500	1507	rVB	88437	79317	1.23%	0.159%
31	11.242	1510	1514	1516	rBV	1973168	1744279	27.09%	3.505%
32	11.266	1516	1518	1522	rVB	1737552	1382280	21.46%	2.778%
33	11.319	1522	1527	1530	rVB	551668	469973	7.30%	0.944%
34	11.348	1530	1532	1536	rBV3	54668	66317	1.03%	0.133%

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Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.466	1550	1552	1556	rVB	225440	183791	2.85%	0.369%
36	11.554	1563	1567	1569	rBV2	164097	156248	2.43%	0.314%
37	11.654	1580	1584	1587	rBV	2520509	1938831	30.11%	3.896%
38	11.742	1596	1599	1601	rBV	261360	199166	3.09%	0.400%
39	11.772	1601	1604	1609	rVV	335689	352387	5.47%	0.708%
40	11.819	1609	1612	1615	rVV	143928	118428	1.84%	0.238%
41	11.854	1615	1618	1620	rVV	483313	454764	7.06%	0.914%
42	11.877	1620	1622	1624	rVB	164793	125201	1.94%	0.252%
43	11.960	1634	1636	1641	rVB3	148837	154365	2.40%	0.310%
44	12.036	1646	1649	1651	rBV	144069	116851	1.81%	0.235%
45	12.295	1687	1693	1696	rBV	153686	207172	3.22%	0.416%
46	12.336	1696	1700	1702	rVV	5893338	6439789	100.00%	12.942%
47	12.360	1702	1704	1712	rVV2	5523538	4956654	76.97%	9.961%
48	12.448	1715	1719	1723	rBV2	2398217	2543555	39.50%	5.112%
49	12.489	1724	1726	1732	rVB4	91600	141939	2.20%	0.285%
50	12.677	1752	1758	1761	rBV	1934207	1903636	29.56%	3.826%
51	12.719	1763	1765	1772	rVB3	135256	201443	3.13%	0.405%
52	12.795	1776	1778	1780	rBV	95468	85299	1.32%	0.171%
53	12.824	1780	1783	1789	rVB	1093966	911326	14.15%	1.831%
54	12.901	1790	1796	1798	rBV3	125683	193660	3.01%	0.389%
55	13.007	1808	1814	1818	rVV	391527	546915	8.49%	1.099%
56	13.072	1822	1825	1829	rVV	419923	422783	6.57%	0.850%
57	13.107	1829	1831	1834	rVV	207438	185564	2.88%	0.373%
58	13.166	1838	1841	1843	rBV2	144838	132381	2.06%	0.266%
59	13.201	1844	1847	1849	rVV	132490	119804	1.86%	0.241%
60	13.230	1849	1852	1856	rVB2	146646	142324	2.21%	0.286%
61	13.413	1880	1883	1888	rVB4	102950	153755	2.39%	0.309%
62	13.619	1915	1918	1921	rBV2	146250	156559	2.43%	0.315%
63	13.648	1921	1923	1925	rVV	137798	106833	1.66%	0.215%
64	13.671	1925	1927	1931	rVB2	99759	117461	1.82%	0.236%
65	13.836	1952	1955	1956	rBV2	96663	103065	1.60%	0.207%
66	13.866	1956	1960	1963	rVV2	1821035	2395420	37.20%	4.814%
67	13.895	1963	1965	1967	rVB	834522	601832	9.35%	1.209%
68	13.971	1976	1978	1981	rVB	140374	107272	1.67%	0.216%
69	14.054	1990	1992	1995	rVB	113200	88683	1.38%	0.178%
70	14.089	1995	1998	2002	rVB2	107541	106432	1.65%	0.214%
71	14.254	2023	2026	2029	rVB	179229	164613	2.56%	0.331%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.348	2040	2042	2044	rBV2	87451	74813	1.16%	0.150%
73	14.877	2128	2132	2139	rBV	678533	1220153	18.95%	2.452%
74	14.977	2146	2149	2153	rVB	244322	255117	3.96%	0.513%
75	15.160	2177	2180	2185	rVB	421115	453790	7.05%	0.912%
76	15.218	2186	2190	2194	rBV	598164	678453	10.54%	1.363%
77	15.277	2196	2200	2203	rBV	1084314	1180736	18.34%	2.373%
78	16.630	2426	2430	2439	rVB2	217200	392524	6.10%	0.789%
79	17.036	2496	2499	2507	rVB	168131	275483	4.28%	0.554%

Sum of corrected areas: 49759235

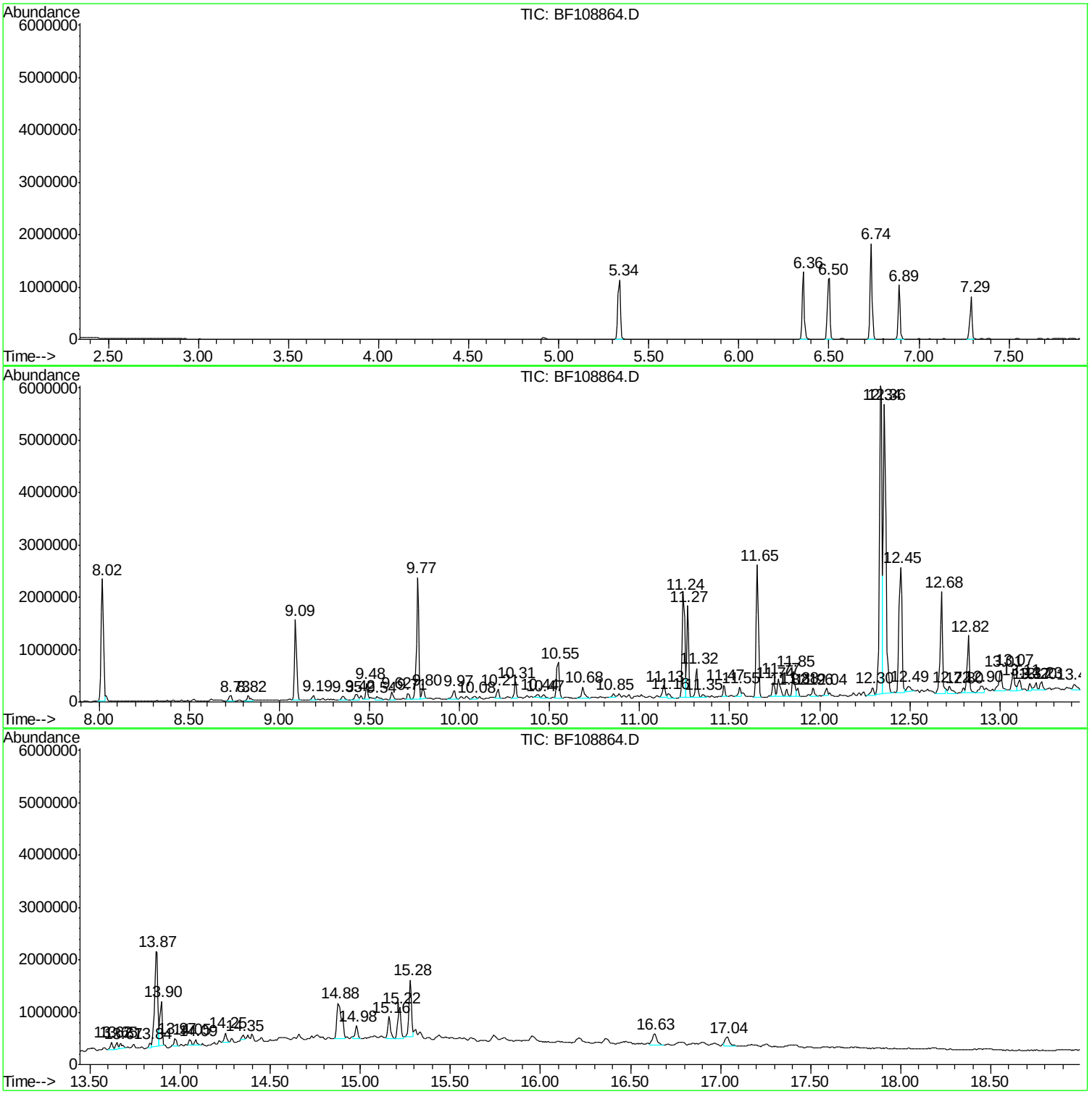
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108864.D
Acq On : 7 Sep 2018 16:52
Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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\BF090718\
Data File : BF108864.D
Acq On : 7 Sep 2018 16:52
Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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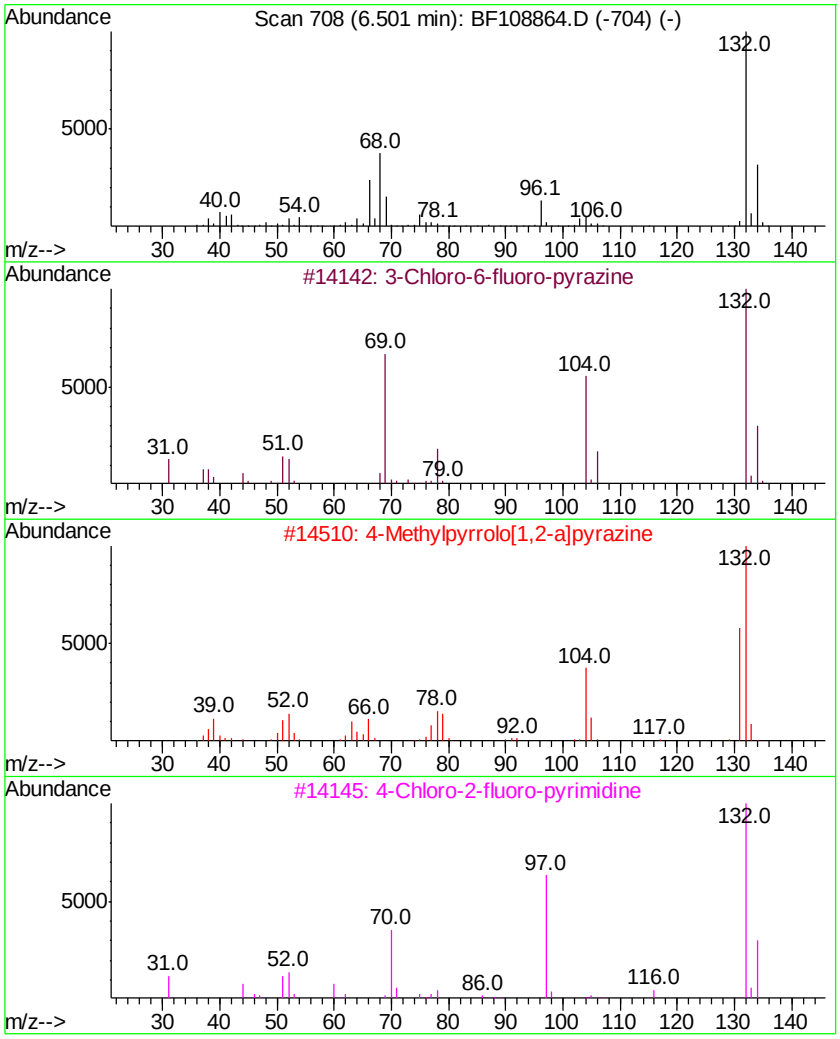
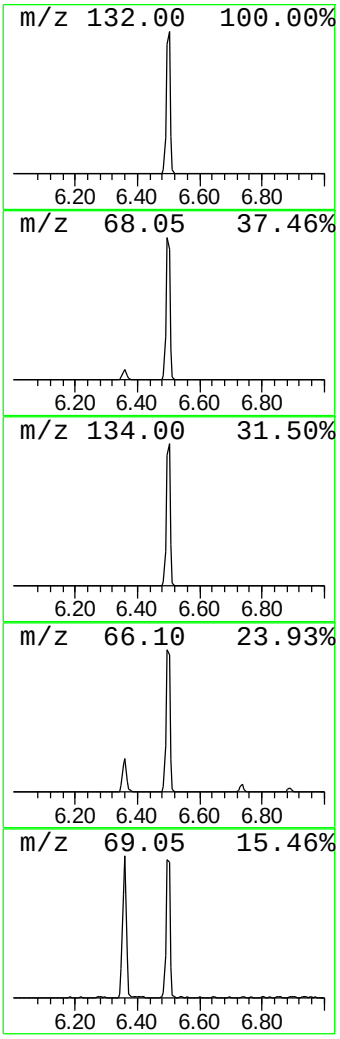
Peak Number 1 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	14.52 ng	1060560	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108864.D
Acq On : 7 Sep 2018 16:52
Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

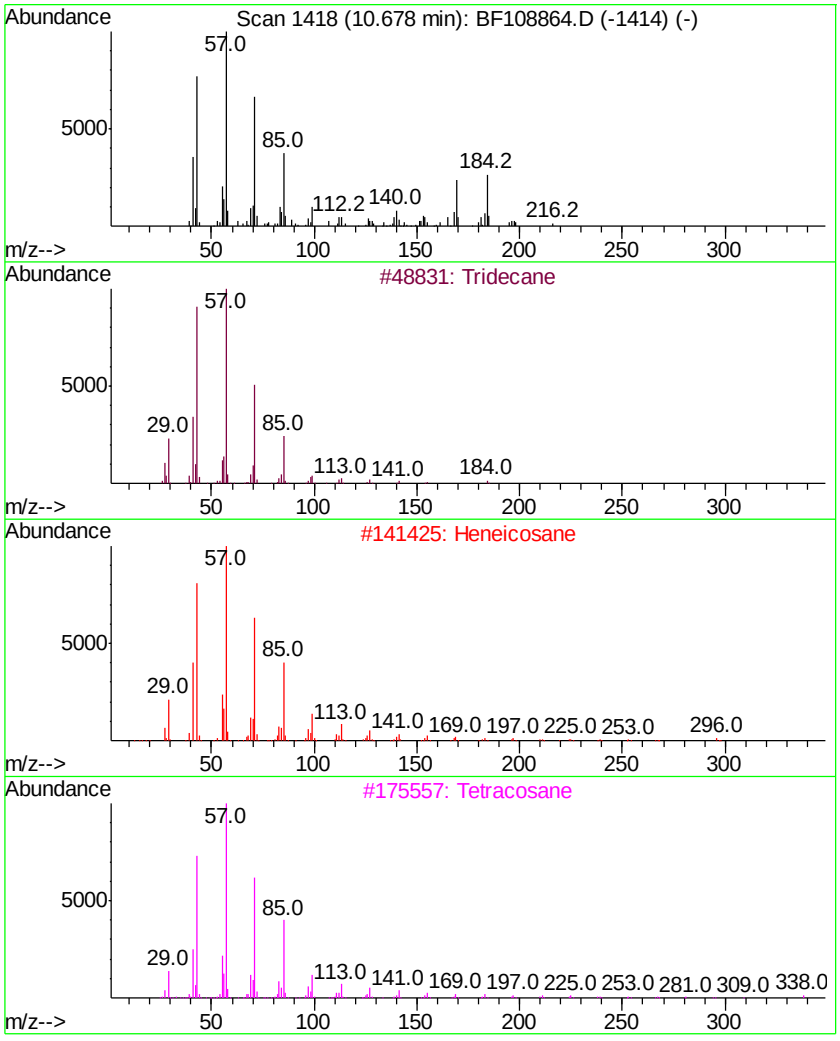
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

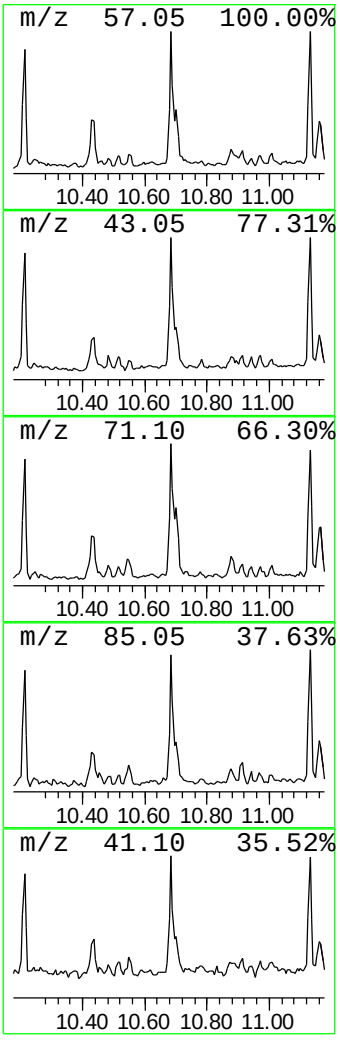
****

Peak Number 3 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.89 ng	252483	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Heneicosane	296	C21H44	000629-94-7	80
3	Tetracosane	338	C24H50	000646-31-1	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
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Acq On : 7 Sep 2018 16:52
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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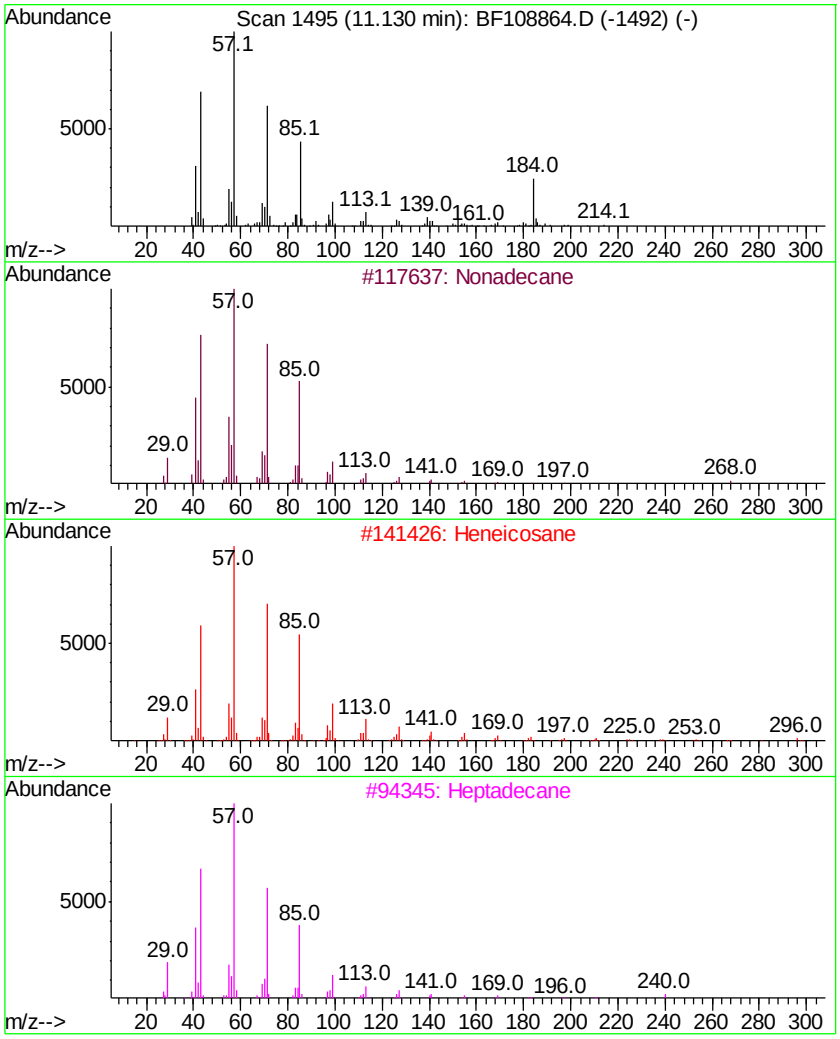
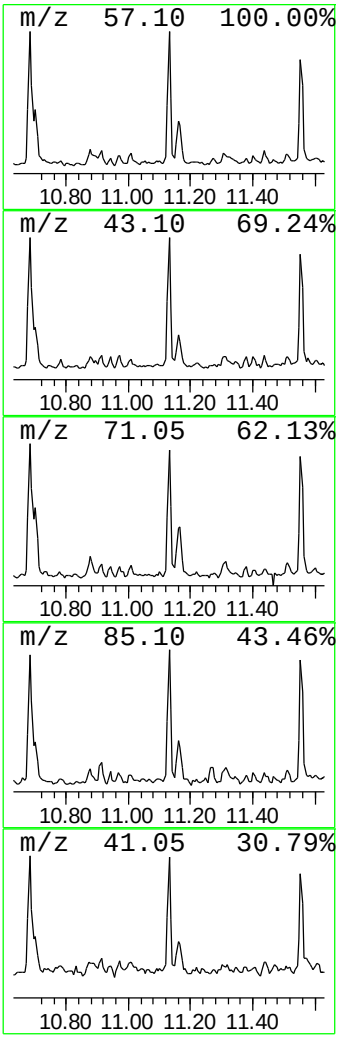
Peak Number 4 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.79 ng	243160	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	70
2	Heneicosane	296	C21H44	000629-94-7	64
3	Heptadecane	240	C17H36	000629-78-7	64
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	52
5	Heptacosane	380	C27H56	000593-49-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
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Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
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TIC Library : C:\DATABASE\NIST11.L
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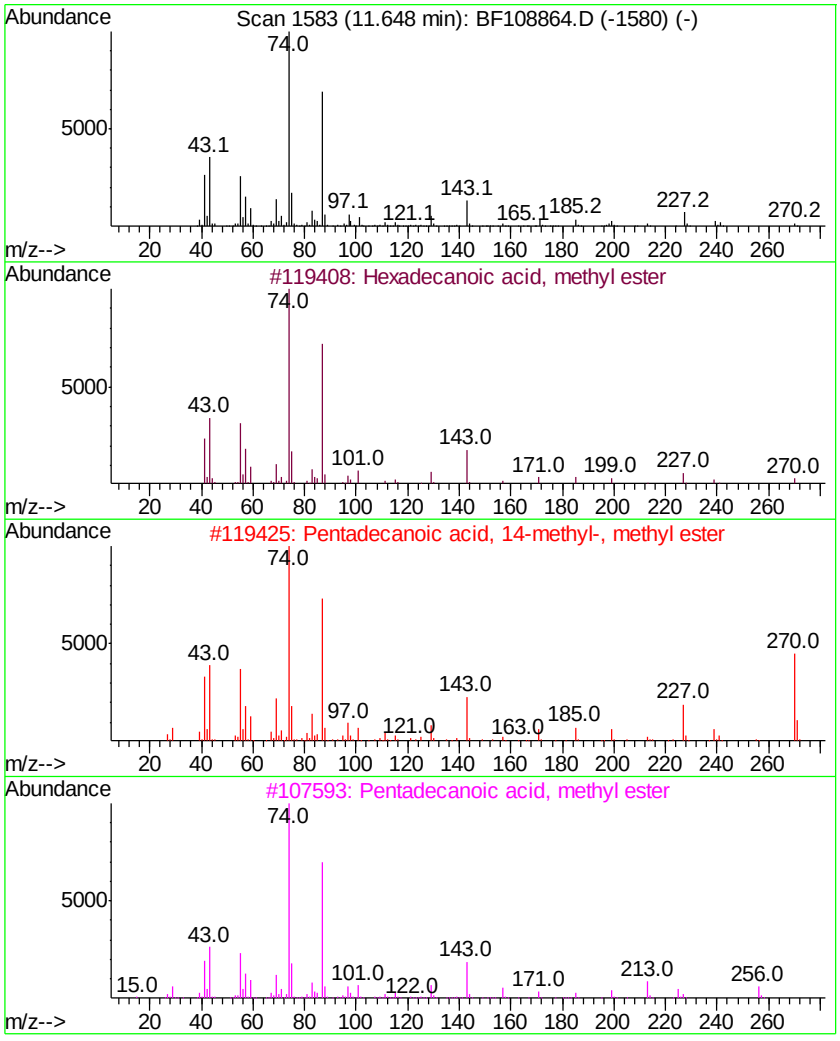
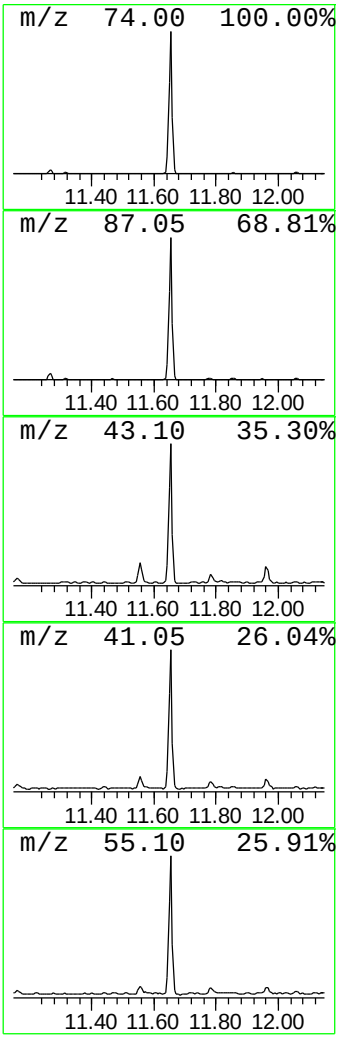
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	22.23 ng	1938830	Phenanthrene-d10	11.24

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	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	80
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
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Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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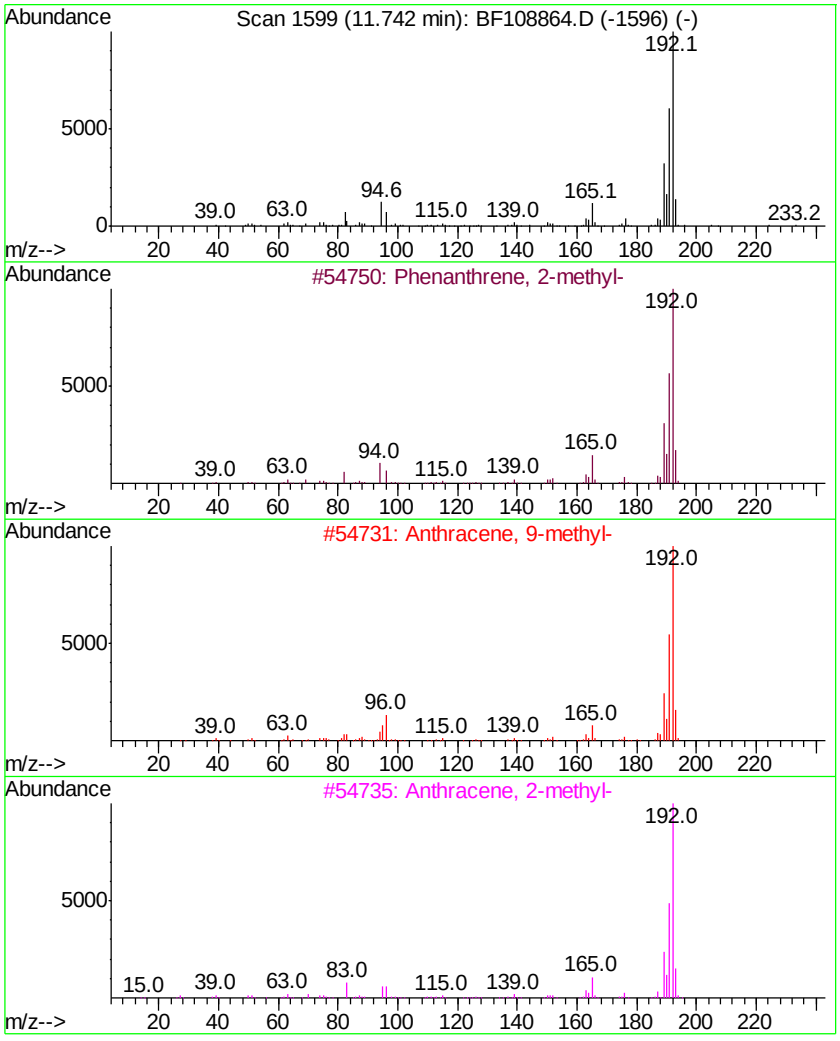
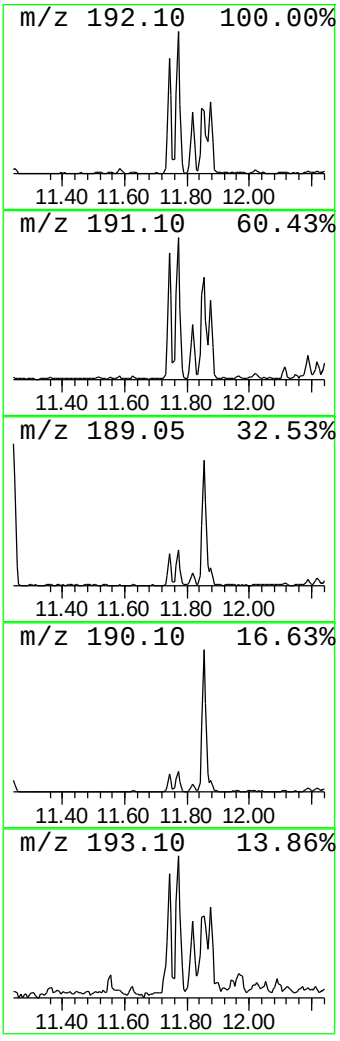
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.28 ng	199166	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108864.D
Acq On : 7 Sep 2018 16:52
Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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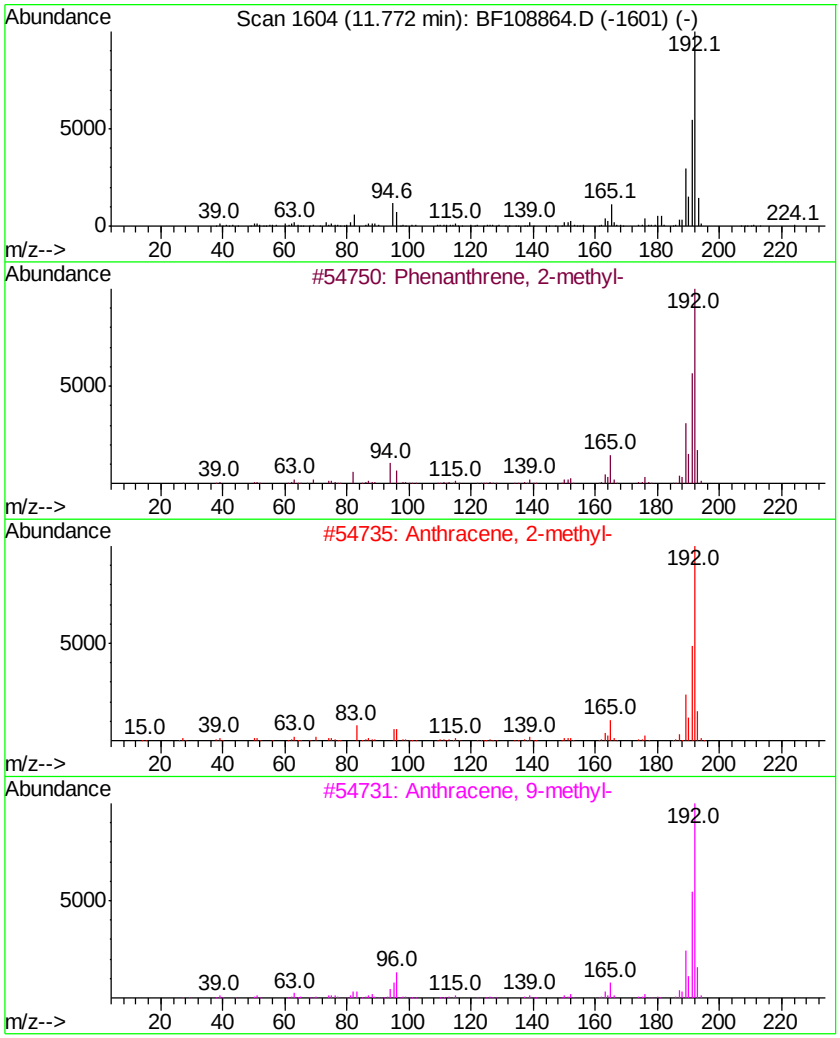
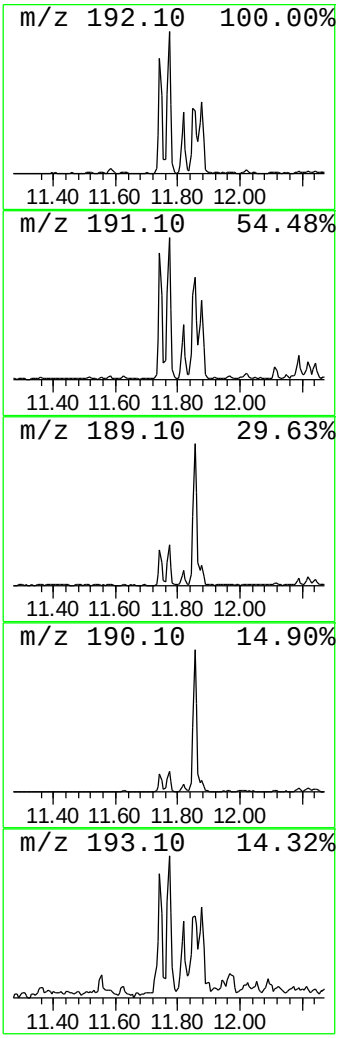
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.04 ng	352387	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108864.D
Acq On : 7 Sep 2018 16:52
Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

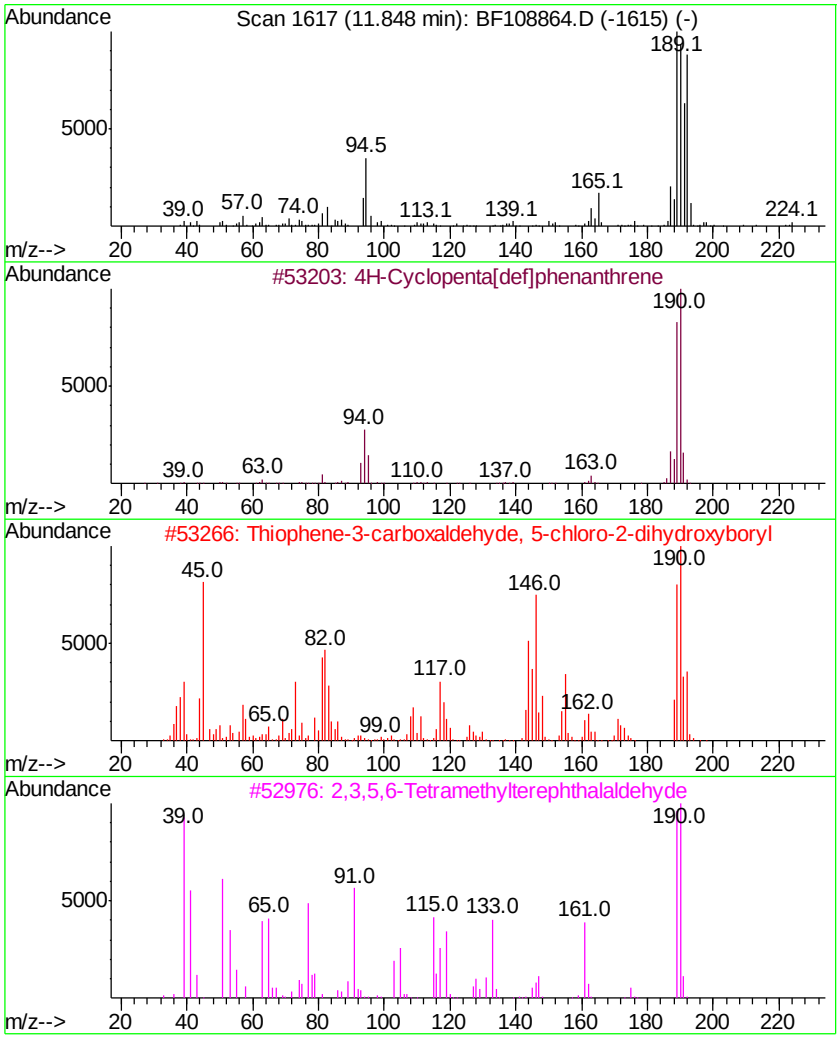
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

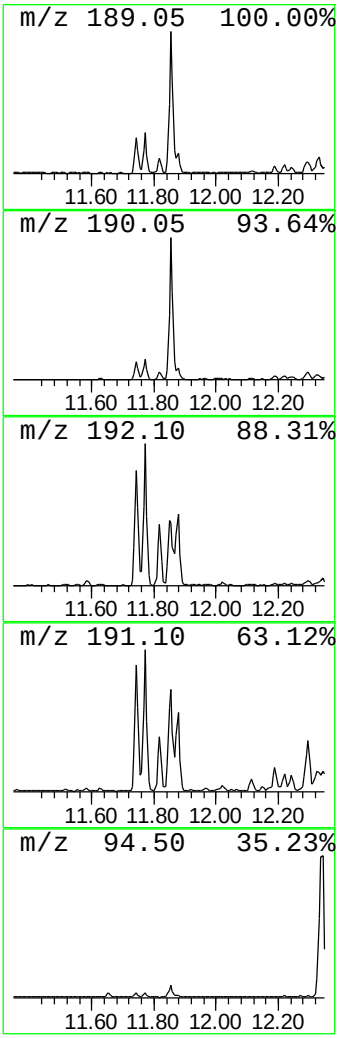
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.21 ng	454764	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25





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Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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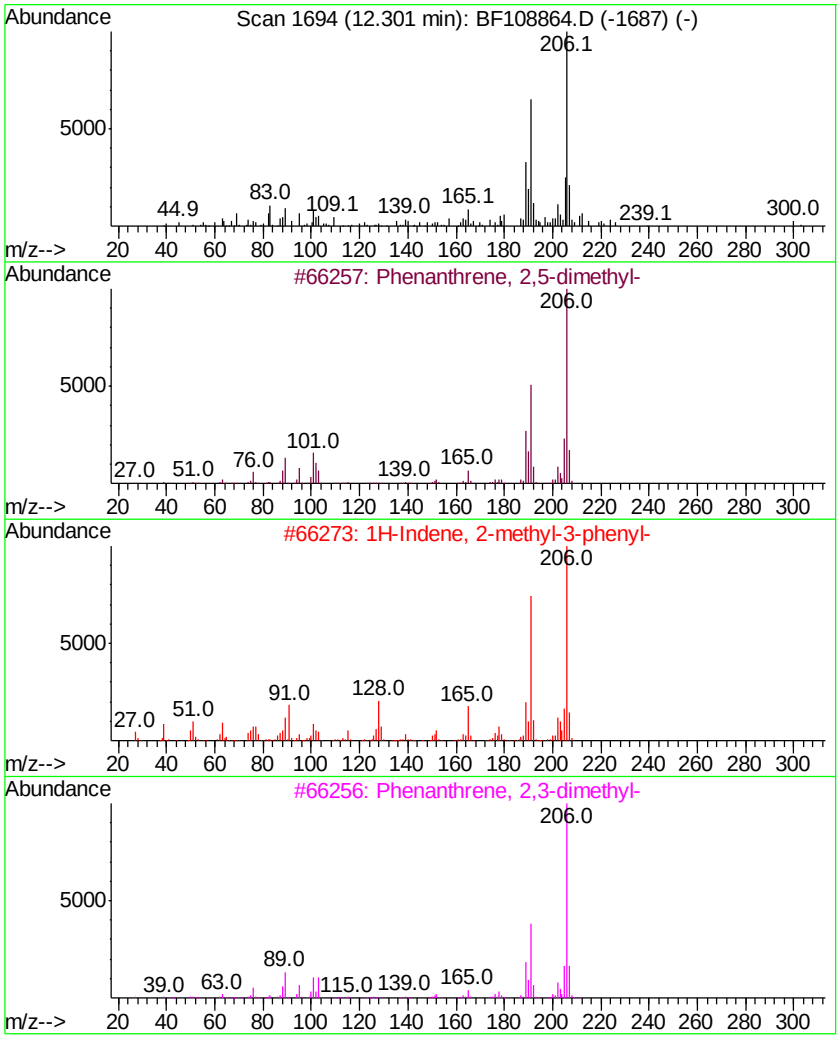
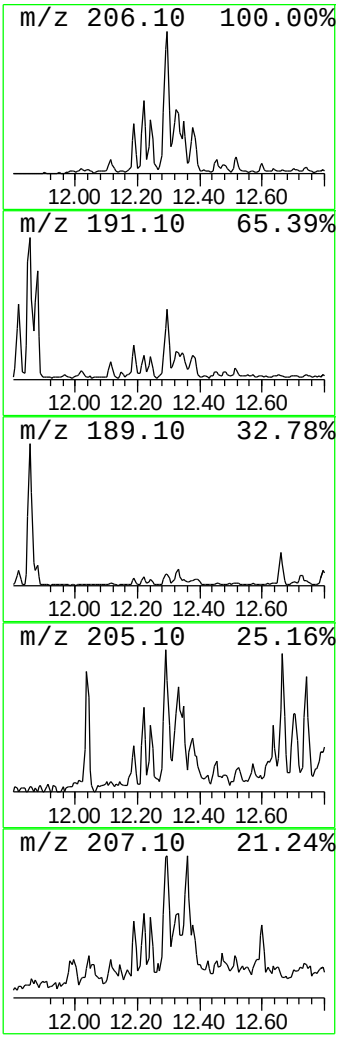
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.38 ng	207172	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





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Acq On : 7 Sep 2018 16:52
Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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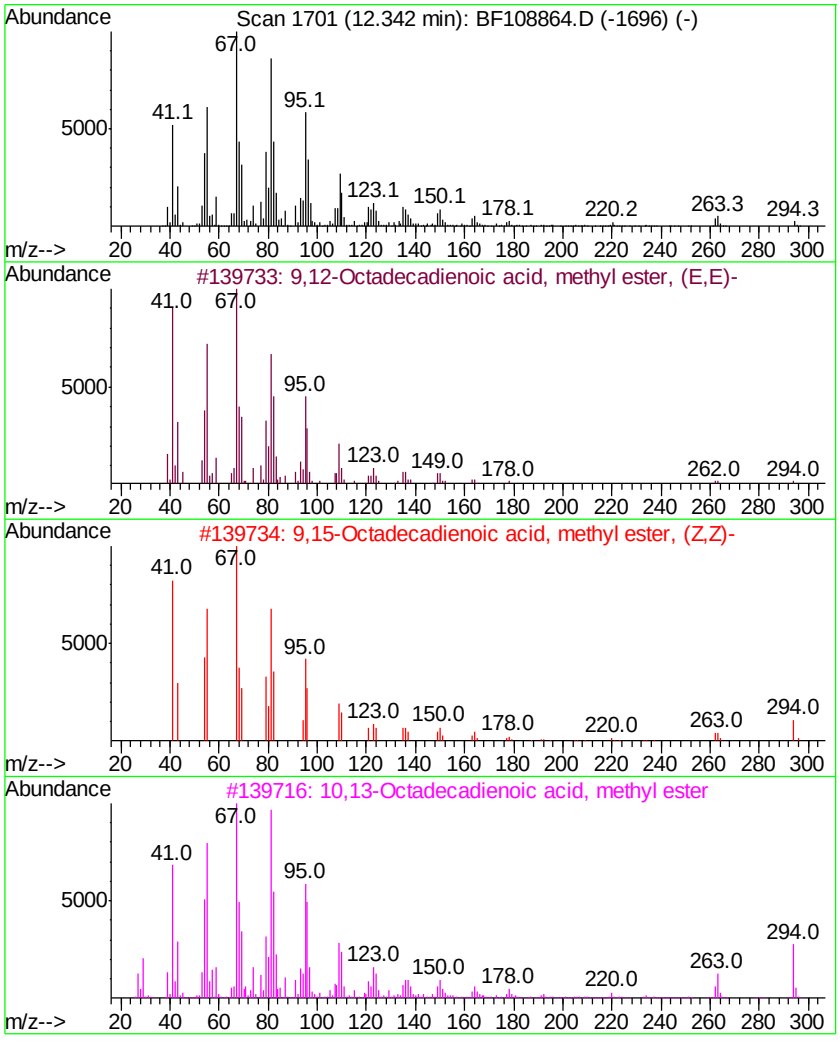
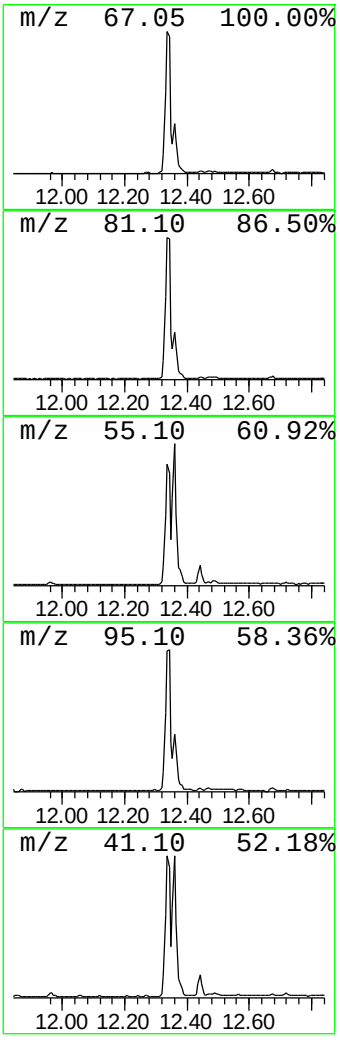
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	73.84 ng	6439790	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98





Library Search Compound Report

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Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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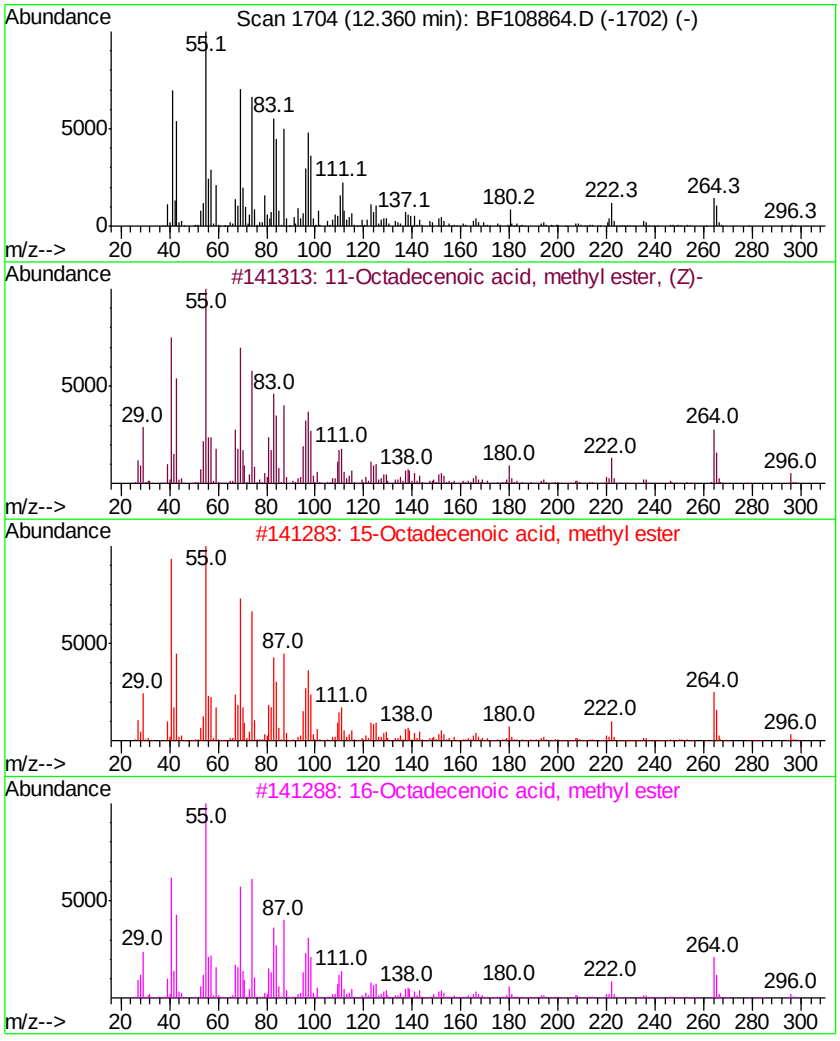
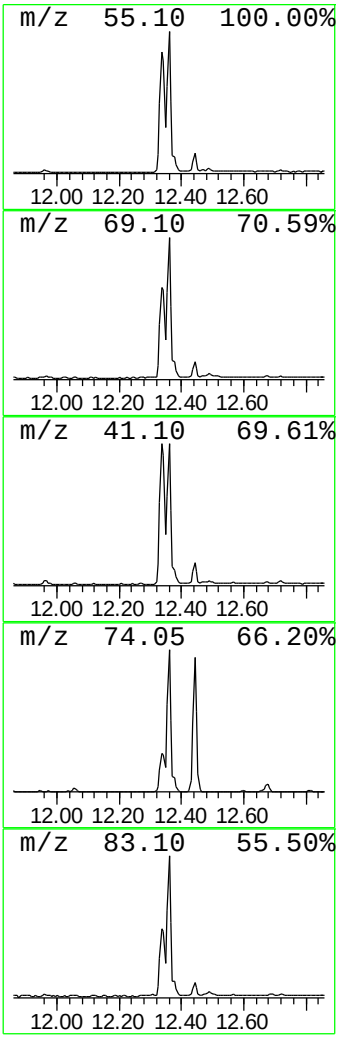
Peak Number 11 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	56.83 ng	4956650	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	96
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	94
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	93
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108864.D
Acq On : 7 Sep 2018 16:52
Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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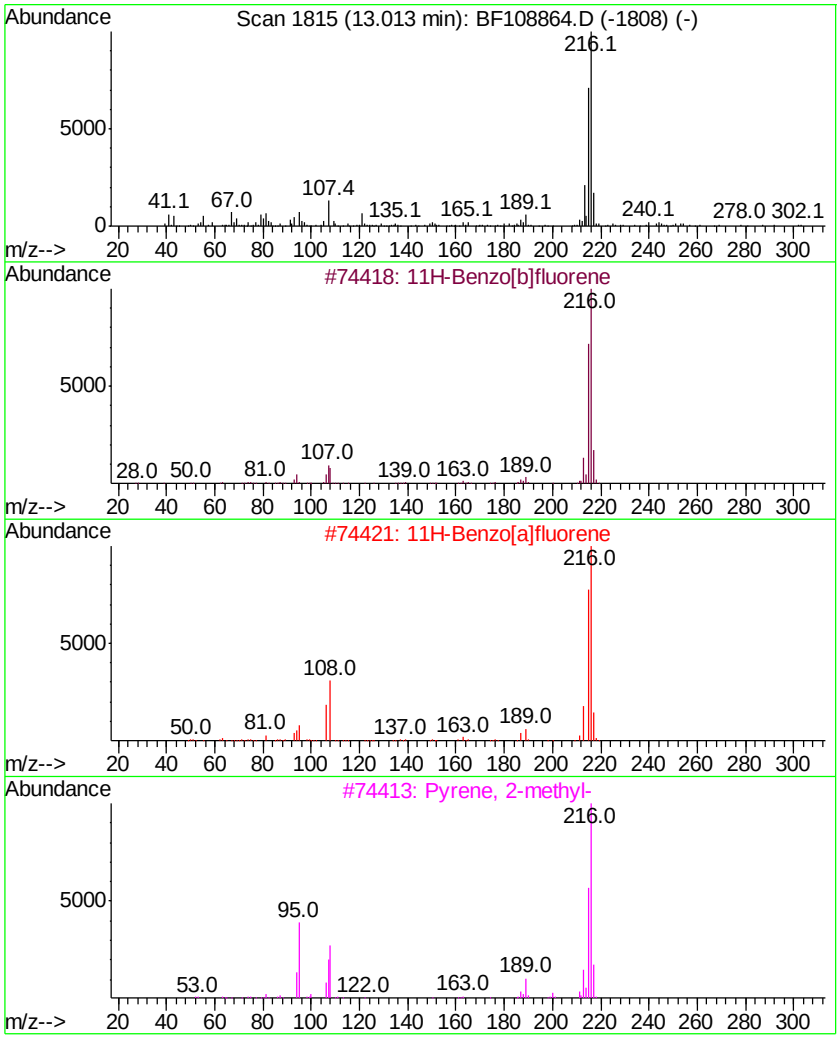
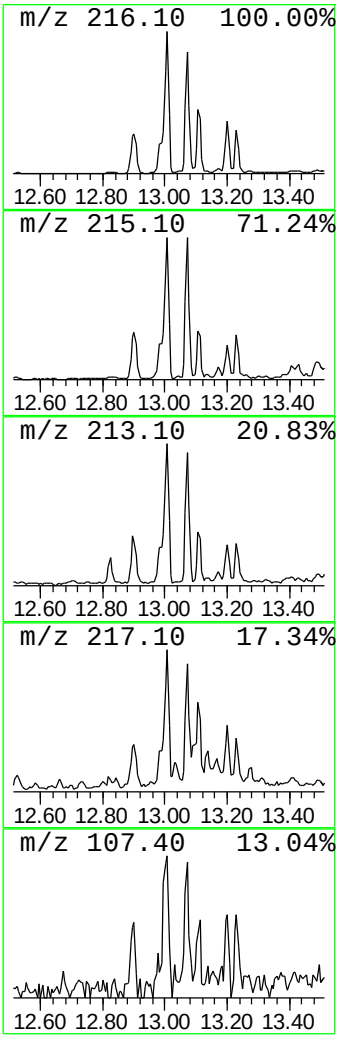
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	4.57 ng	546915	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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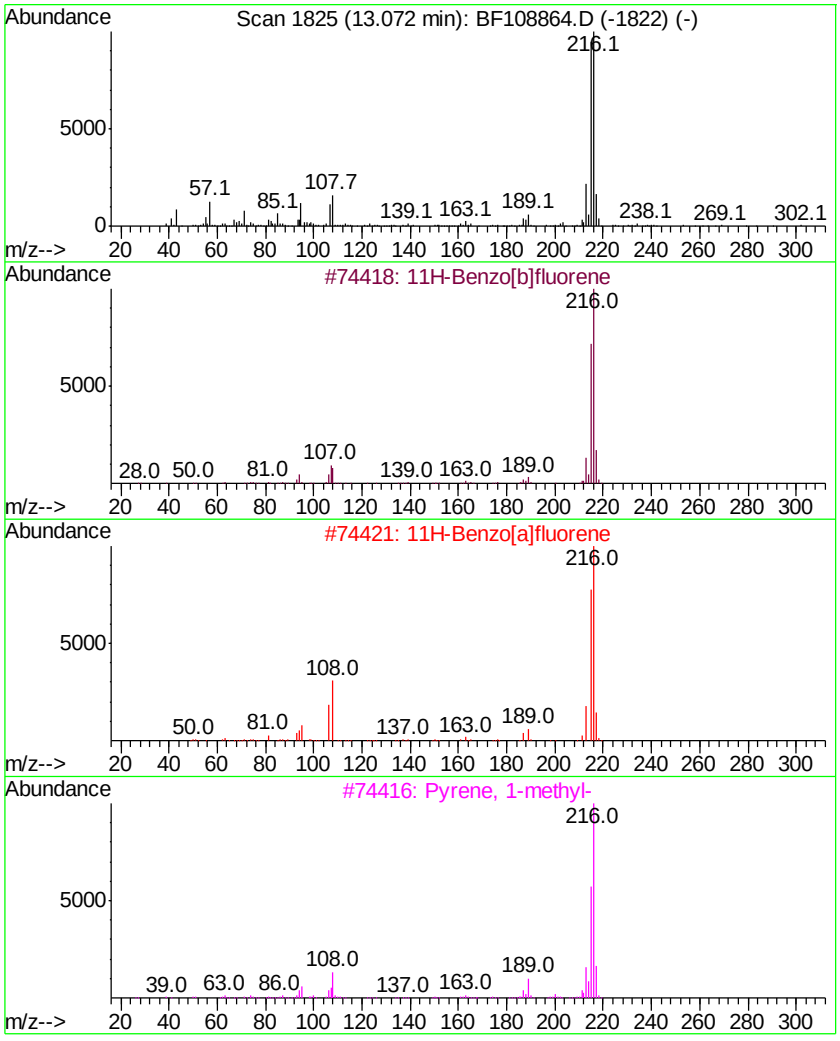
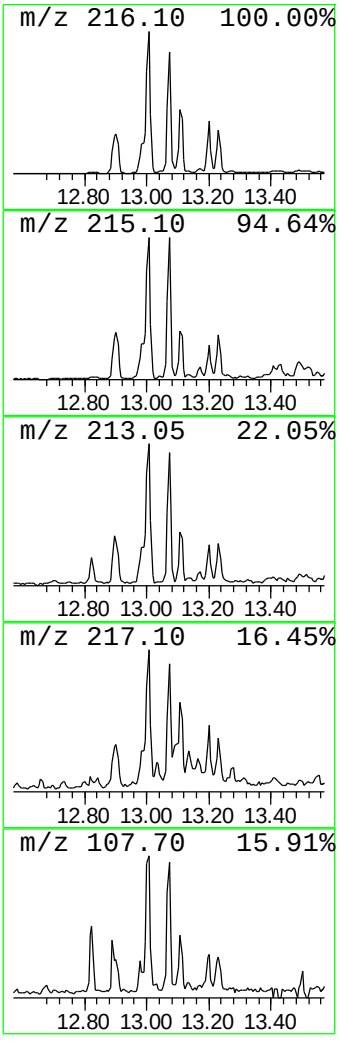
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.53 ng	422783	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





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Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-090618-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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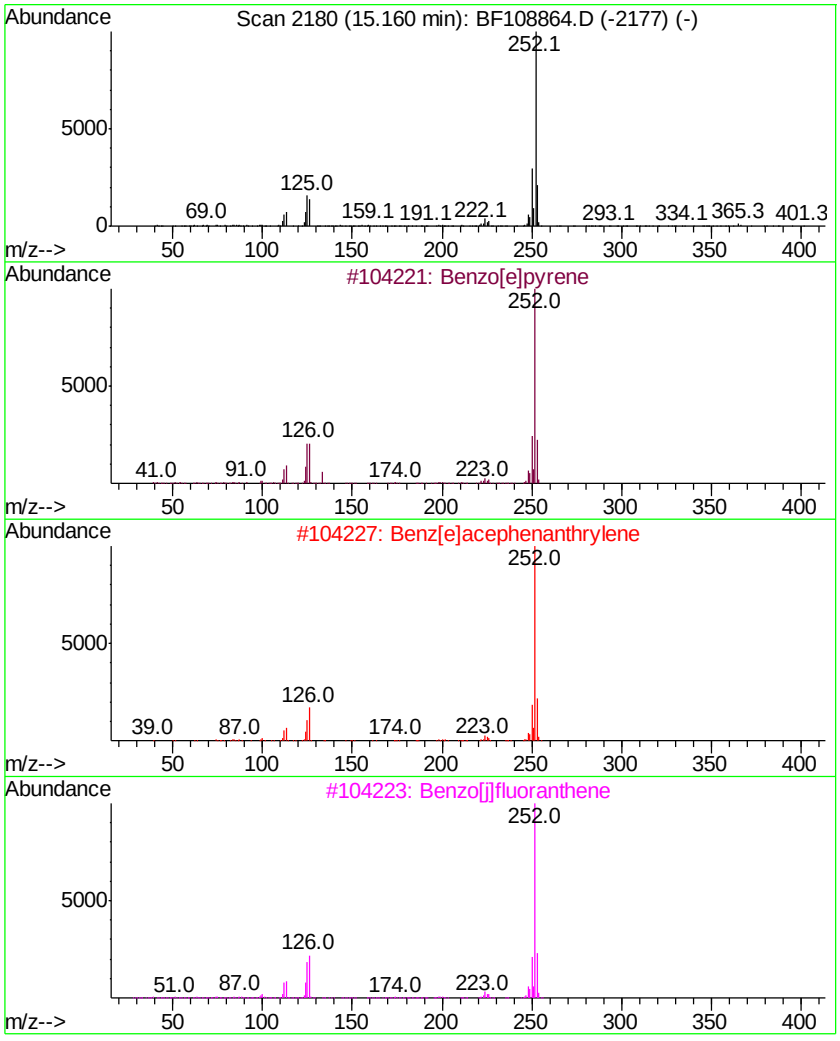
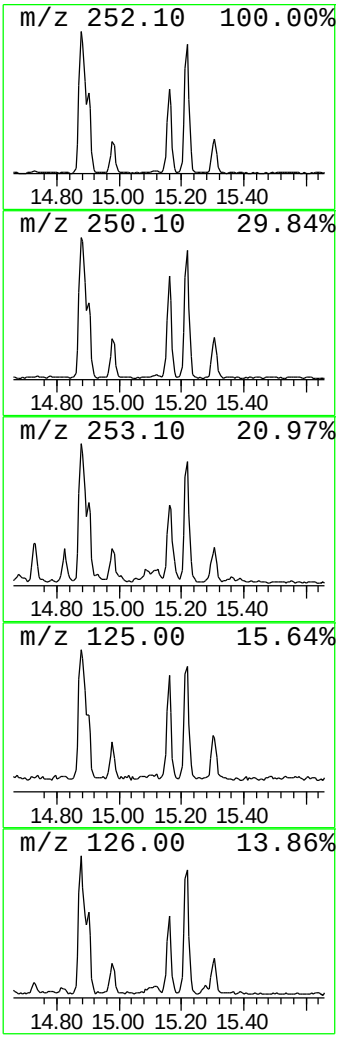
Peak Number 15 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	7.69 ng	453790	Perylene-d12	15.28

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	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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Data File : BF108864.D
Acq On : 7 Sep 2018 16:52
Operator : JU/SJ
Sample : J4779-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
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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
unknown6.50	6.50	14.5	ng	1060560	1	6.74	1460330	20.0
Tridecane	10.68	2.9	ng	252483	4	11.24	1744280	20.0
Nonadecane	11.13	2.8	ng	243160	4	11.24	1744280	20.0
Hexadecanoic acid...	11.65	22.2	ng	1938830	4	11.24	1744280	20.0
Phenanthrene, 2-m...	11.74	2.3	ng	199166	4	11.24	1744280	20.0
Anthracene, 2-met...	11.77	4.0	ng	352387	4	11.24	1744280	20.0
4H-Cyclopenta[def...	11.85	5.2	ng	454764	4	11.24	1744280	20.0
Phenanthrene, 2,5...	12.30	2.4	ng	207172	4	11.24	1744280	20.0
9,12-Octadecadien...	12.34	73.8	ng	6439790	4	11.24	1744280	20.0
11-Octadecenoic a...	12.36	56.8	ng	4956650	4	11.24	1744280	20.0
11H-Benzo[b]fluorene	13.01	4.6	ng	546915	5	13.87	2395420	20.0
11H-Benzo[a]fluorene	13.07	3.5	ng	422783	5	13.87	2395420	20.0
Benzo[e]pyrene	15.16	7.7	ng	453790	6	15.28	1180740	20.0