LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110604.D
Acq On : 9 Nov 2018 00:02
Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

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-BF110818.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	5.169	521	524	535	rBV	14496	20802	2.56%	0.181%
2	5.557	586	590	603	rBV	659561	648406	79.65%	5.656%
3	6.563	757	761	778	rBV	719038	734543	90.23%	6.407%
4	6.710	782	786	793	rBV	870004	717286	88.11%	6.257%
5	6.945	822	826	836	rBV	493018	474530	58.29%	4.139%
6	7.098	848	852	862	rBV	614436	539914	66.32%	4.710%
7	7.504	918	921	937	rBV	453599	440467	54.10%	3.842%
8	8.228	1040	1044	1056	rBV	640977	656579	80.65%	5.727%
9	8.945	1163	1166	1171	rBV	18607	19786	2.43%	0.173%
10	9.039	1179	1182	1187	rBB	28903	24503	3.01%	0.214%
11	9.298	1222	1226	1234	rBV	927628	814113	100.00%	7.102%
12	9.363	1234	1237	1242	rVB3	8707	10115	1.24%	0.088%
13	9.569	1266	1272	1276	rBV2	15224	17917	2.20%	0.156%
14	9.639	1279	1284	1287	rVV	30198	31939	3.92%	0.279%
15	9.669	1287	1289	1290	rVV	18079	15205	1.87%	0.133%
16	9.692	1290	1293	1298	rVV	40683	44469	5.46%	0.388%
17	9.757	1298	1304	1313	rVV	13406	20936	2.57%	0.183%
18	9.845	1316	1319	1324	rVV2	22799	22966	2.82%	0.200%
19	9.892	1324	1327	1331	rVB2	10352	12273	1.51%	0.107%
20	9.981	1339	1342	1346	rBV	699778	671161	82.44%	5.855%
21	10.016	1346	1348	1352	rVB	34233	28853	3.54%	0.252%
22	10.186	1373	1377	1380	rBV2	15514	22336	2.74%	0.195%
23	10.222	1380	1383	1387	rVB3	15053	14393	1.77%	0.126%
24	10.298	1393	1396	1399	rBV	13687	14788	1.82%	0.129%
25	10.328	1399	1401	1405	rVB	11590	9545	1.17%	0.083%
26	10.392	1408	1412	1418	rVV3	22440	23931	2.94%	0.209%
27	10.533	1433	1436	1441	rVB	48098	48386	5.94%	0.422%
28	10.616	1445	1450	1452	rVB4	8931	12935	1.59%	0.113%
29	10.775	1473	1477	1486	rBV	391102	361633	44.42%	3.155%
30	10.869	1490	1493	1496	rBV	16973	21659	2.66%	0.189%
31	11.080	1523	1529	1532	rBV3	17659	24808	3.05%	0.216%
32	11.110	1532	1534	1540	rVB	15562	14265	1.75%	0.124%
33	11.316	1566	1569	1572	rBV2	18743	15699	1.93%	0.137%
34	11.375	1576	1579	1582	rVB	23365	19297	2.37%	0.168%

LSC Area Percent Report

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Acq On : 9 Nov 2018 00:02
Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.475	1593	1596	1599	rBV	596583	599047	73.58%	5.225%
36	11.498	1599	1600	1607	rVB	285479	237166	29.13%	2.069%
37	11.557	1607	1610	1613	rBV	53227	49528	6.08%	0.432%
38	11.710	1632	1636	1639	rBV2	17934	20385	2.50%	0.178%
39	11.739	1639	1641	1644	rVB2	15013	13212	1.62%	0.115%
40	11.810	1651	1653	1657	rVB2	16532	14659	1.80%	0.128%
41	11.892	1663	1667	1672	rBV2	10759	17281	2.12%	0.151%
42	11.980	1678	1682	1684	rBV	72600	69951	8.59%	0.610%
43	12.010	1684	1687	1691	rVV	76038	74276	9.12%	0.648%
44	12.057	1691	1695	1697	rVV	22752	22314	2.74%	0.195%
45	12.092	1697	1701	1703	rVV2	75274	83262	10.23%	0.726%
46	12.116	1703	1705	1708	rVV	44478	39534	4.86%	0.345%
47	12.151	1708	1711	1714	rVB	15802	13479	1.66%	0.118%
48	12.274	1729	1732	1736	rBV	24300	28817	3.54%	0.251%
49	12.310	1736	1738	1742	rVB4	18027	18207	2.24%	0.159%
50	12.422	1752	1757	1760	rBV2	16234	22210	2.73%	0.194%
51	12.457	1760	1763	1765	rVV	26020	22949	2.82%	0.200%
52	12.480	1765	1767	1771	rVB	16203	13568	1.67%	0.118%
53	12.527	1772	1775	1778	rBV2	59269	64936	7.98%	0.566%
54	12.563	1778	1781	1784	rVV2	23858	35041	4.30%	0.306%
55	12.616	1787	1790	1800	rVB4	15049	31619	3.88%	0.276%
56	12.698	1800	1804	1807	rBV	219080	209571	25.74%	1.828%
57	12.757	1812	1814	1818	rBV3	7680	9535	1.17%	0.083%
58	12.851	1826	1830	1832	rBV2	15089	18842	2.31%	0.164%
59	12.927	1840	1843	1848	rVB	218724	213705	26.25%	1.864%
60	12.974	1848	1851	1855	rVB	26132	25562	3.14%	0.223%
61	13.022	1855	1859	1862	rBV4	11596	19127	2.35%	0.167%
62	13.057	1862	1865	1869	rVV	658844	541477	66.51%	4.723%
63	13.139	1875	1879	1885	rBV4	18354	33777	4.15%	0.295%
64	13.251	1891	1898	1904	rVB3	37802	73155	8.99%	0.638%
65	13.321	1907	1910	1912	rVV	28644	23744	2.92%	0.207%
66	13.357	1913	1916	1919	rVB2	28558	29514	3.63%	0.257%
67	13.451	1929	1932	1935	rVB	18938	16874	2.07%	0.147%
68	13.486	1935	1938	1940	rBV	22946	22223	2.73%	0.194%
69	13.610	1956	1959	1963	rBV4	16138	16627	2.04%	0.145%
70	13.739	1977	1981	1983	rBV4	10104	16383	2.01%	0.143%
71	13.769	1983	1986	1989	rVB4	14238	17281	2.12%	0.151%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.863	1999	2002	2003	rBV3	9899	11513	1.41%	0.100%
73	13.880	2003	2005	2007	rVV2	21579	18979	2.33%	0.166%
74	13.898	2007	2008	2011	rVB	13182	11377	1.40%	0.099%
75	13.939	2011	2015	2020	rBV5	35125	62742	7.71%	0.547%
76	14.127	2042	2047	2050	rBV2	590075	605992	74.44%	5.286%
77	14.151	2050	2051	2057	rVB	95522	72662	8.93%	0.634%
78	14.210	2058	2061	2063	rBV3	15912	17379	2.13%	0.152%
79	14.233	2063	2065	2066	rVV2	15351	13466	1.65%	0.117%
80	14.251	2066	2068	2071	rVB	24478	24410	3.00%	0.213%
81	14.516	2111	2113	2115	rVB	20905	17493	2.15%	0.153%
82	14.557	2117	2120	2122	rBV2	42957	43602	5.36%	0.380%
83	14.874	2171	2174	2178	rVB	55845	48662	5.98%	0.424%
84	15.198	2226	2229	2231	rBV	53322	69426	8.53%	0.606%
85	15.221	2231	2233	2237	rVB	79498	93440	11.48%	0.815%
86	15.315	2246	2249	2254	rVB3	17159	23551	2.89%	0.205%
87	15.521	2280	2284	2288	rBV	30201	41751	5.13%	0.364%
88	15.586	2292	2295	2298	rVV	46759	58215	7.15%	0.508%
89	15.621	2298	2301	2302	rVV	53510	55844	6.86%	0.487%
90	15.651	2302	2306	2310	rVB	303823	384166	47.19%	3.351%
91	16.074	2374	2378	2383	rVB	51819	76565	9.40%	0.668%
92	16.357	2423	2426	2437	rVB4	42355	76227	9.36%	0.665%
93	16.604	2463	2468	2473	rBV	44479	70763	8.69%	0.617%
94	16.815	2500	2504	2512	rVB6	28521	56192	6.90%	0.490%
95	17.221	2568	2573	2581	rVB4	37391	89963	11.05%	0.785%
96	17.956	2694	2698	2708	rVB6	28387	70286	8.63%	0.613%

Sum of corrected areas: 11463942

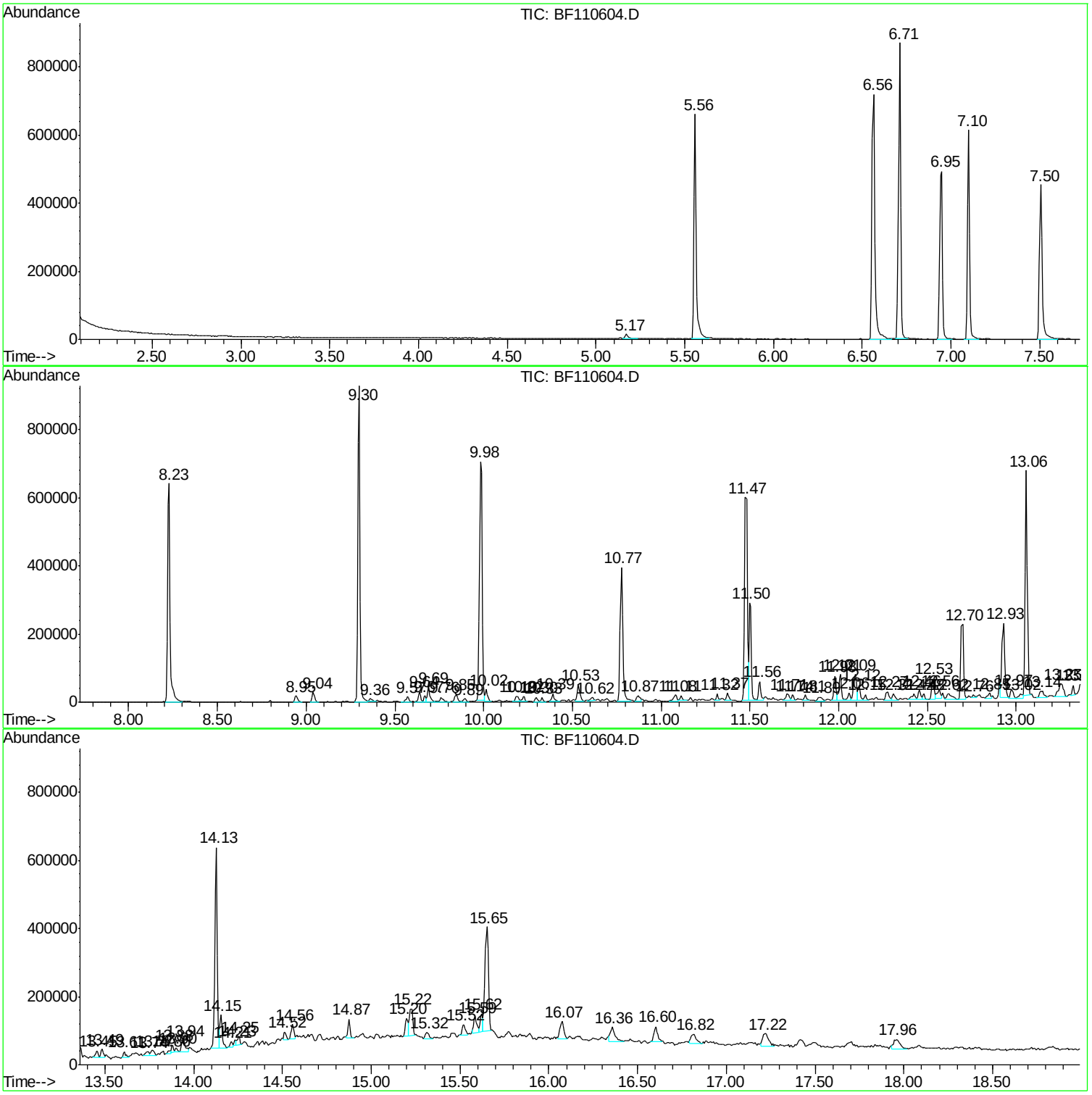
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110604.D
Acq On : 9 Nov 2018 00:02
Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110604.D
Acq On : 9 Nov 2018 00:02
Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

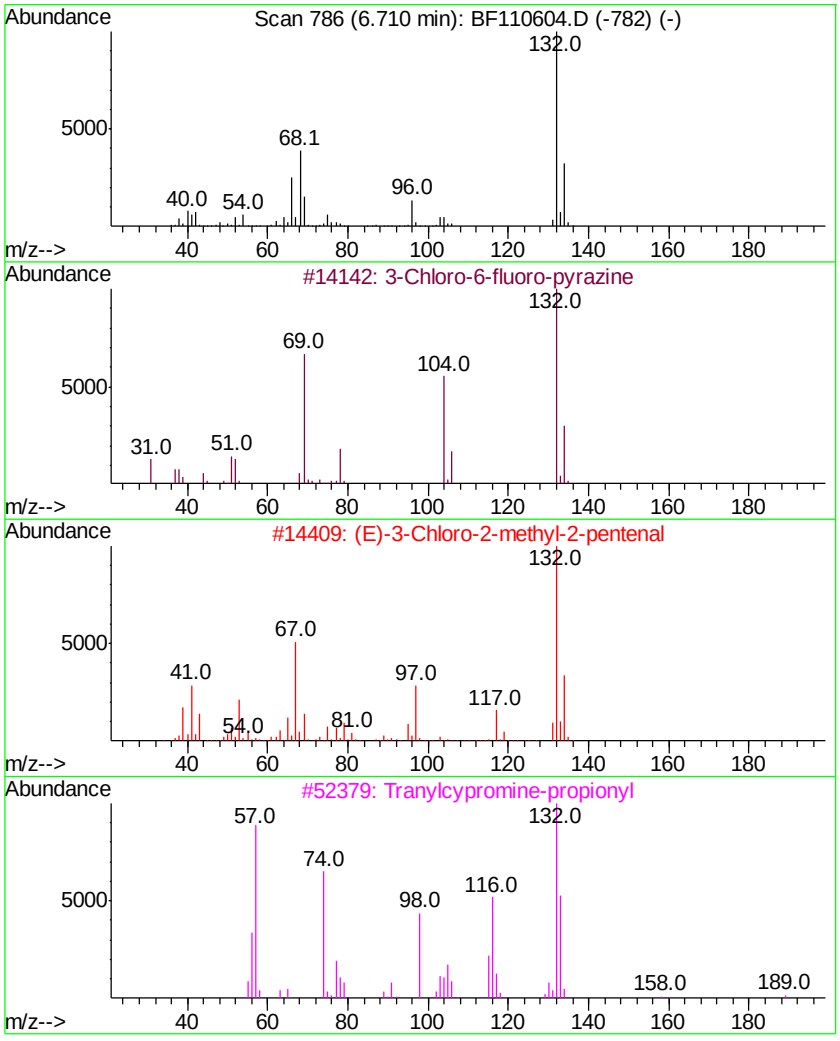
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

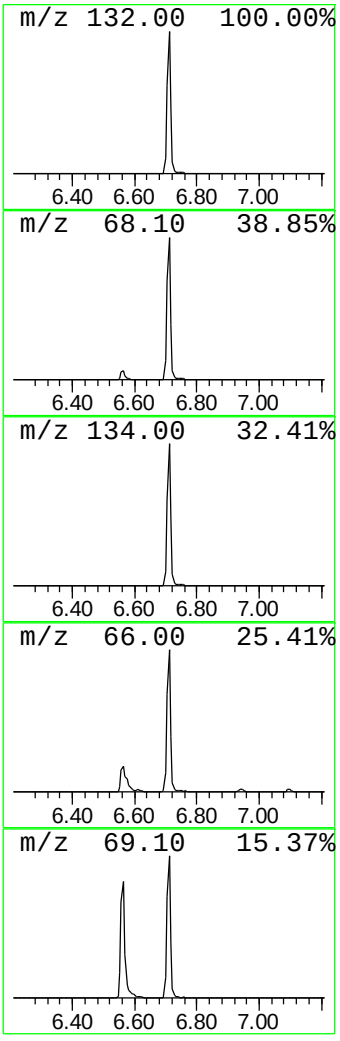
****

Peak Number 1 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	30.23 ng	717286	1,4-Dichlorobenzene-d4	6.95

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	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
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Misc :
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Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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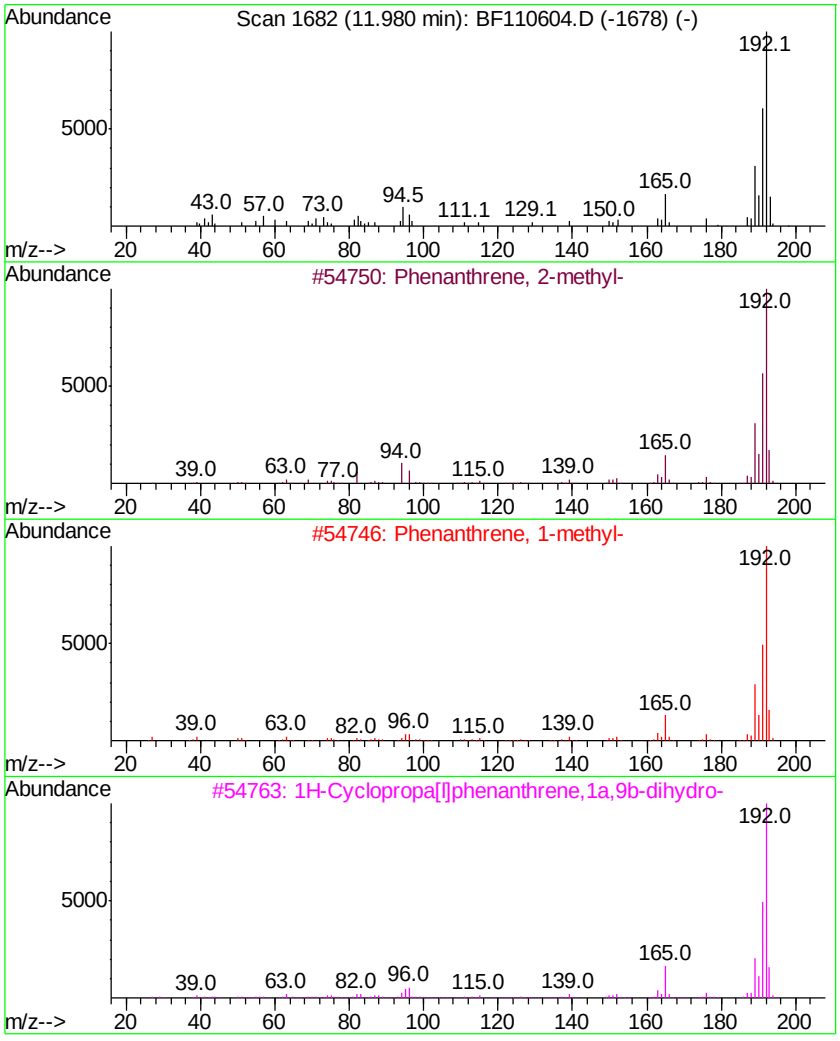
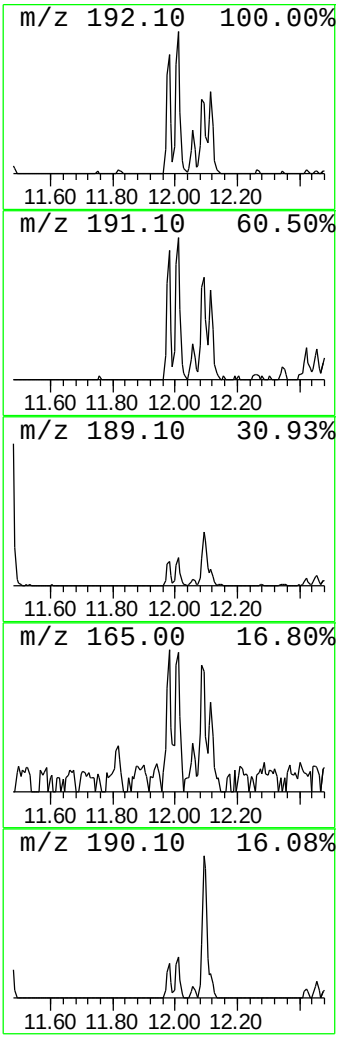
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.34 ng	69951	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
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, 1-phenyl-	192	C15H12	001961-96-2	94





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Misc :
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Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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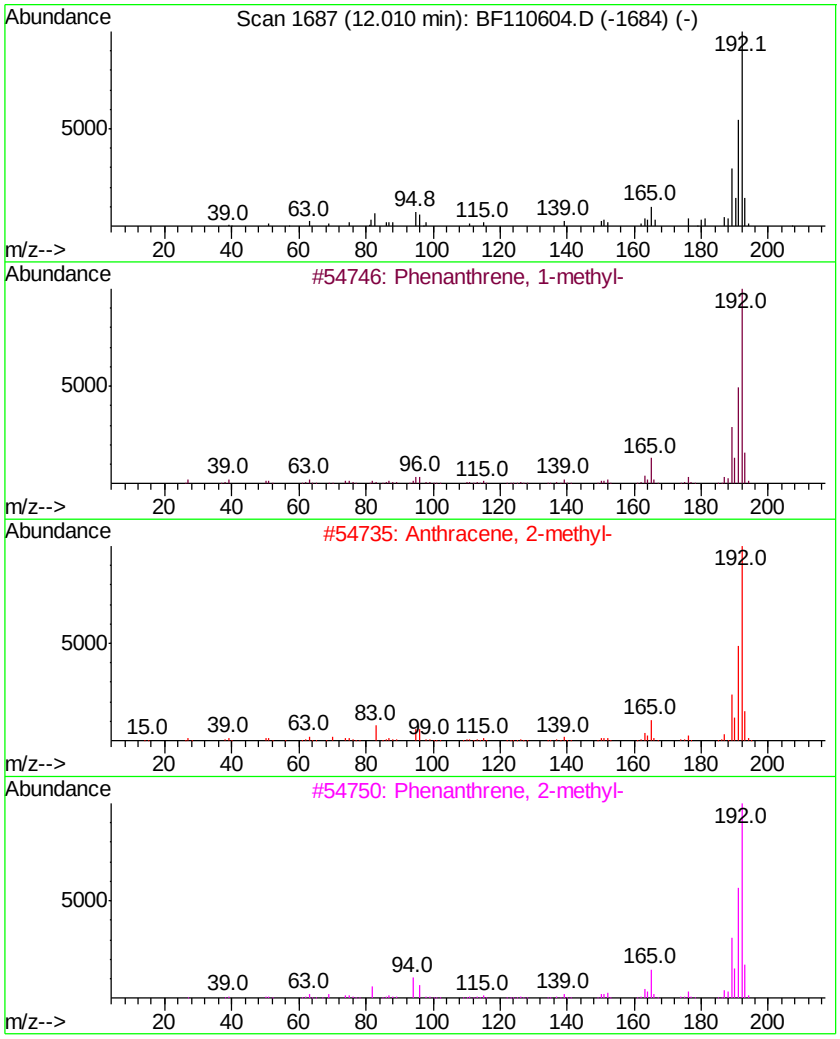
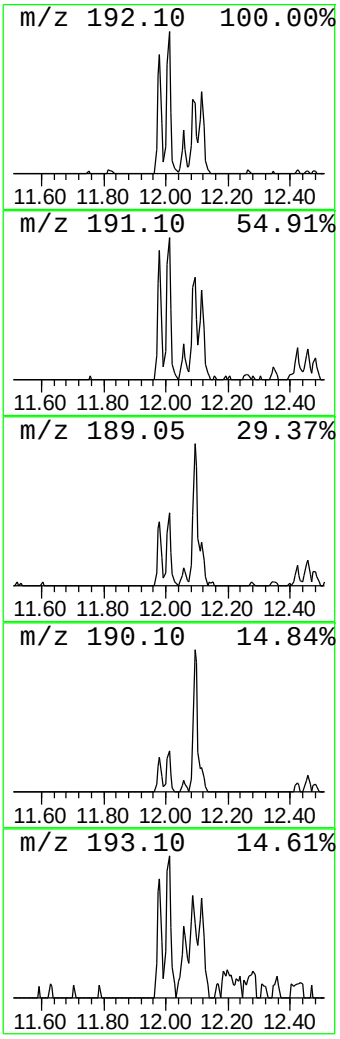
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.48 ng	74276	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110604.D
Acq On : 9 Nov 2018 00:02
Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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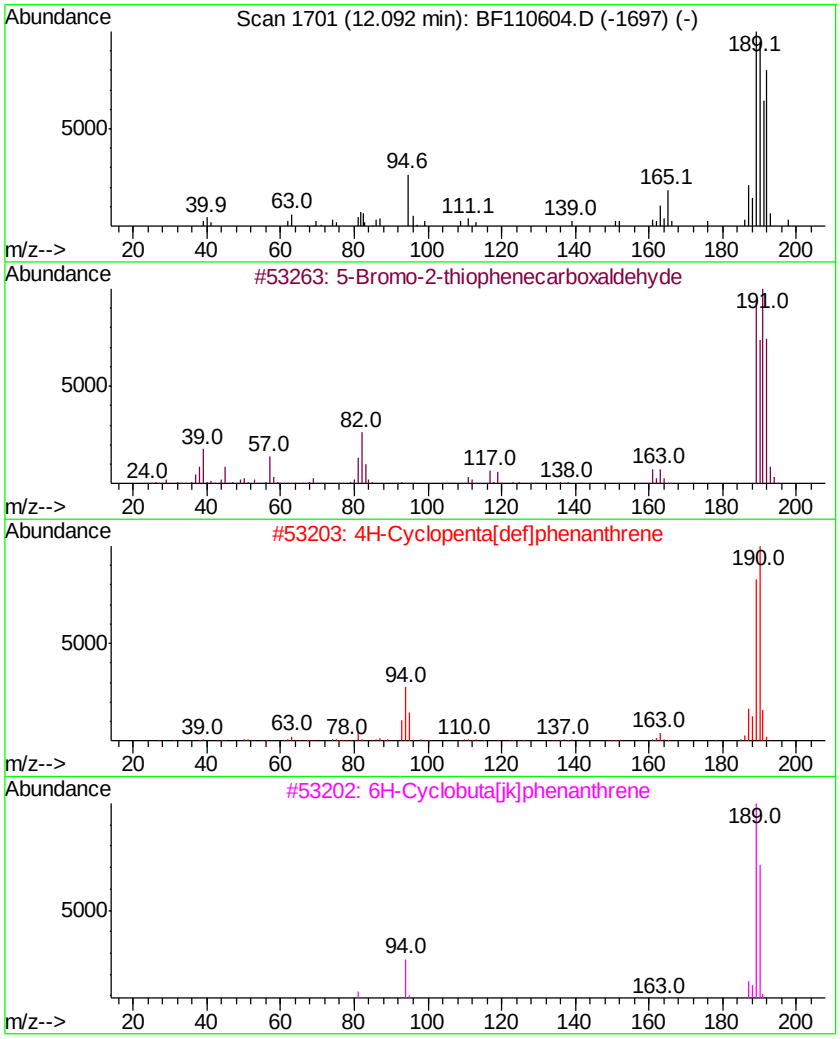
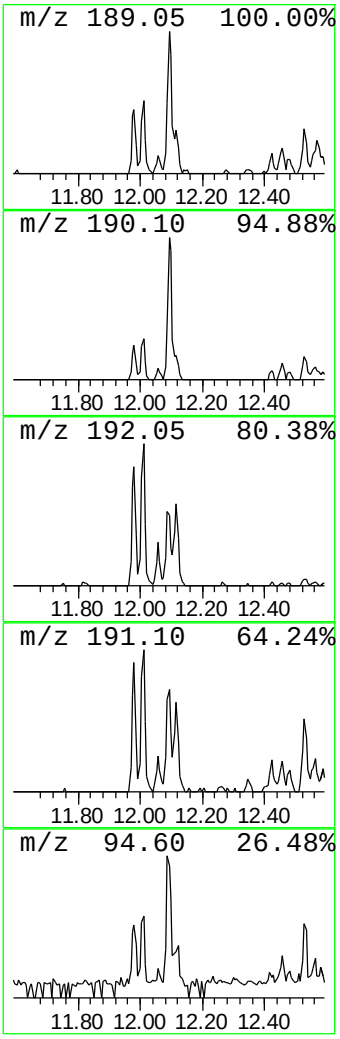
Peak Number 5 5-Bromo-2-thiophenecarboxal... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.78 ng	83262	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110604.D
Acq On : 9 Nov 2018 00:02
Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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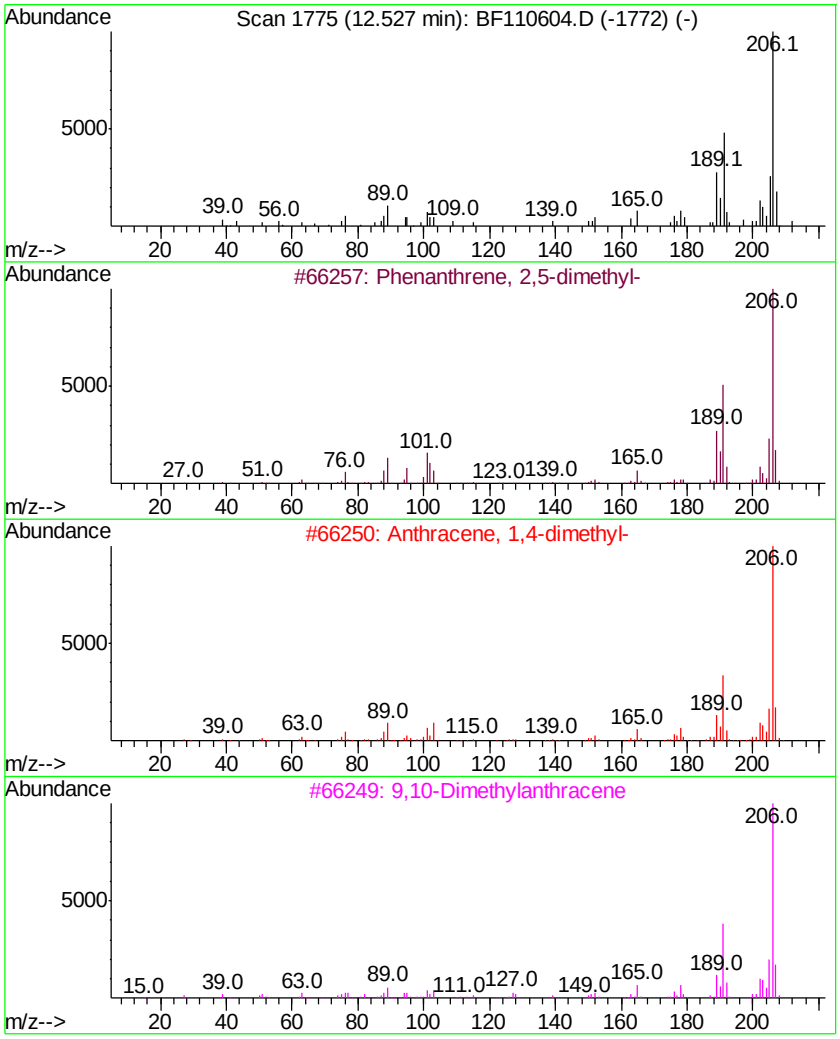
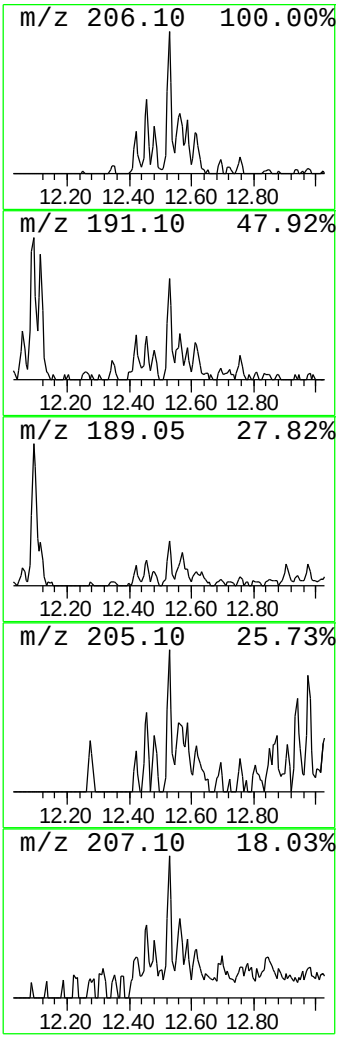
Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.17 ng	64936	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110604.D
Acq On : 9 Nov 2018 00:02
Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

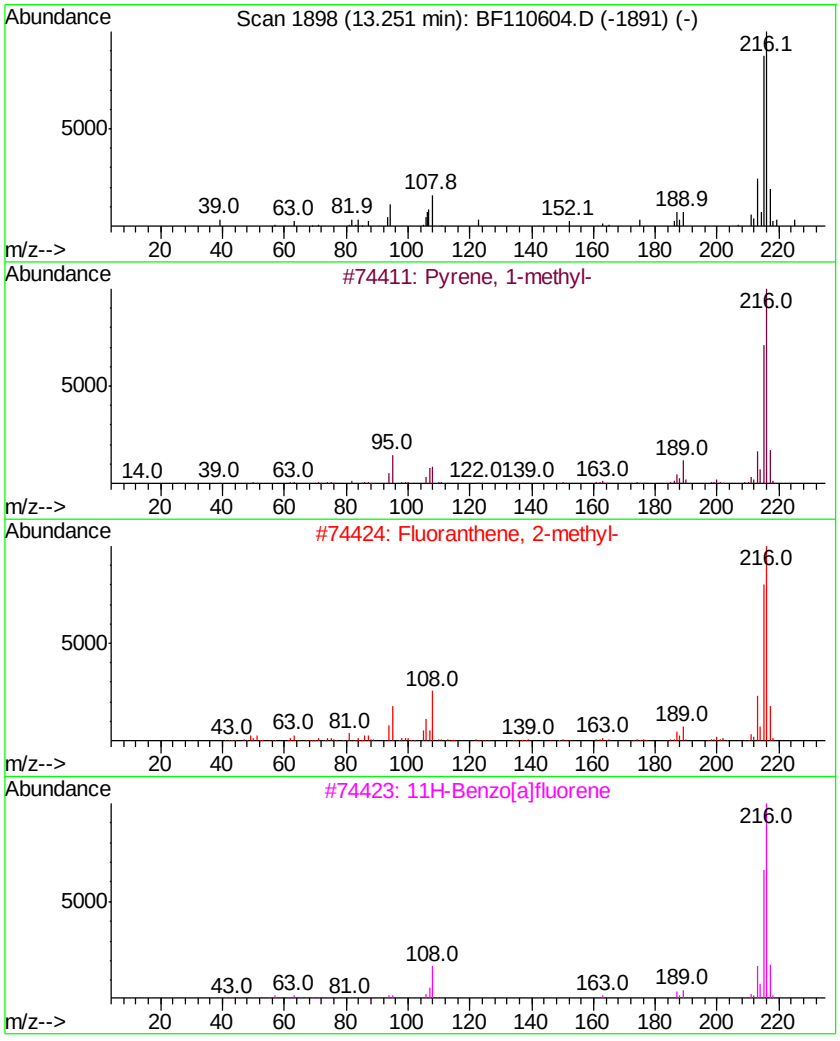
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

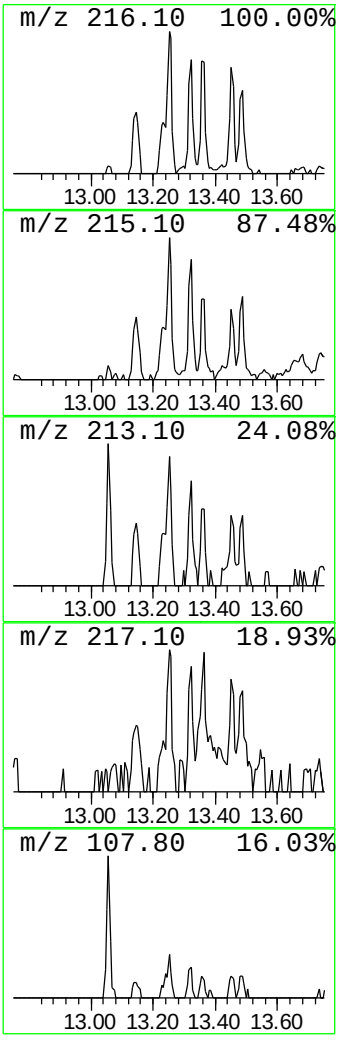
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.41 ng	73155	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 9 Nov 2018 00:02
Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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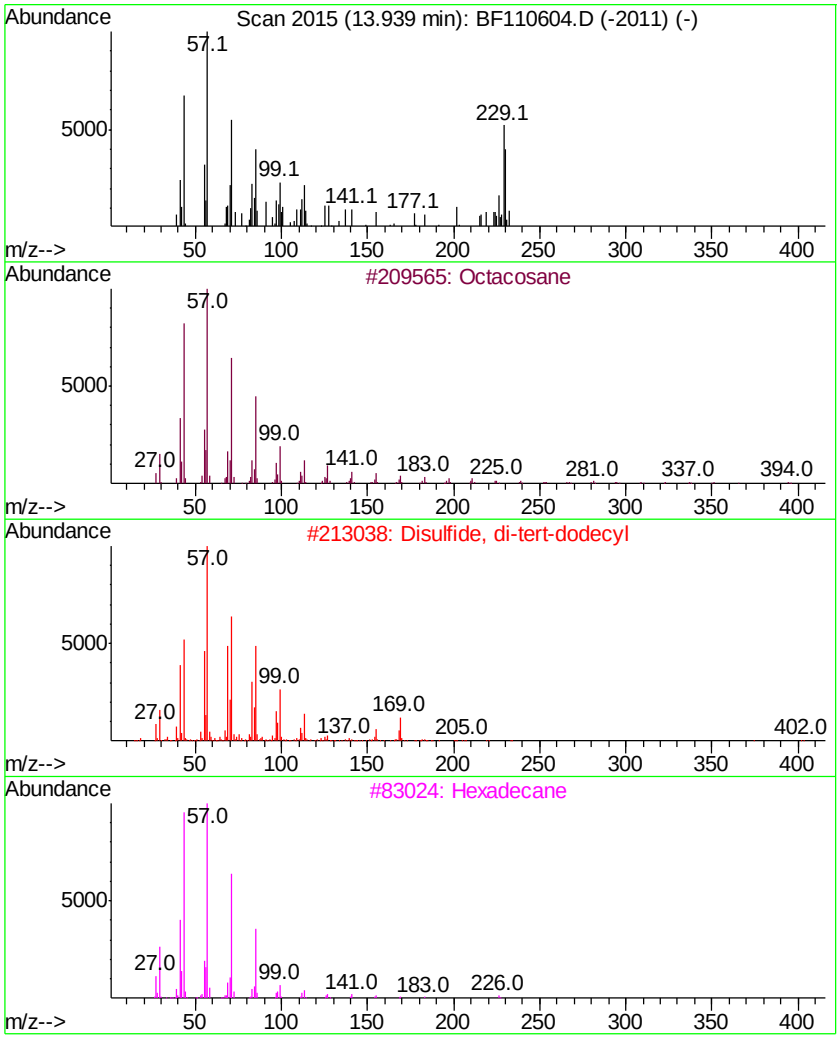
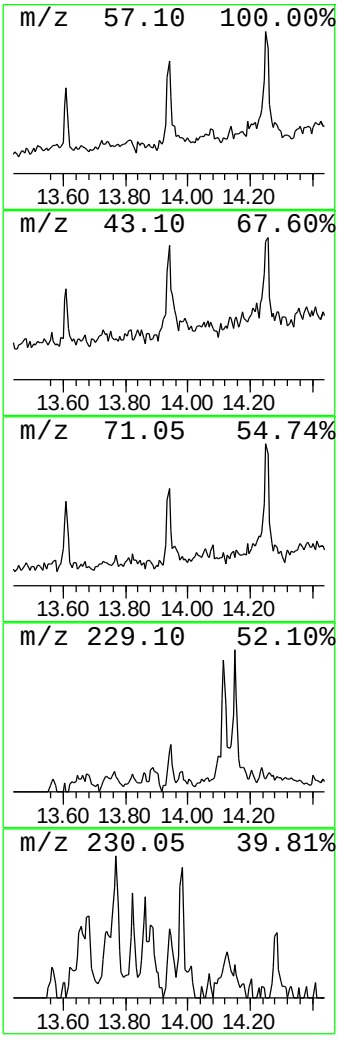
Peak Number 8 unknown13.94 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.07 ng	62742	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	43
2	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	38
3	Hexadecane	226	C16H34	000544-76-3	38
4	Tetracosane	338	C24H50	000646-31-1	35
5	Hexacosane	366	C26H54	000630-01-3	35





Library Search Compound Report

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Data File : BF110604.D
Acq On : 9 Nov 2018 00:02
Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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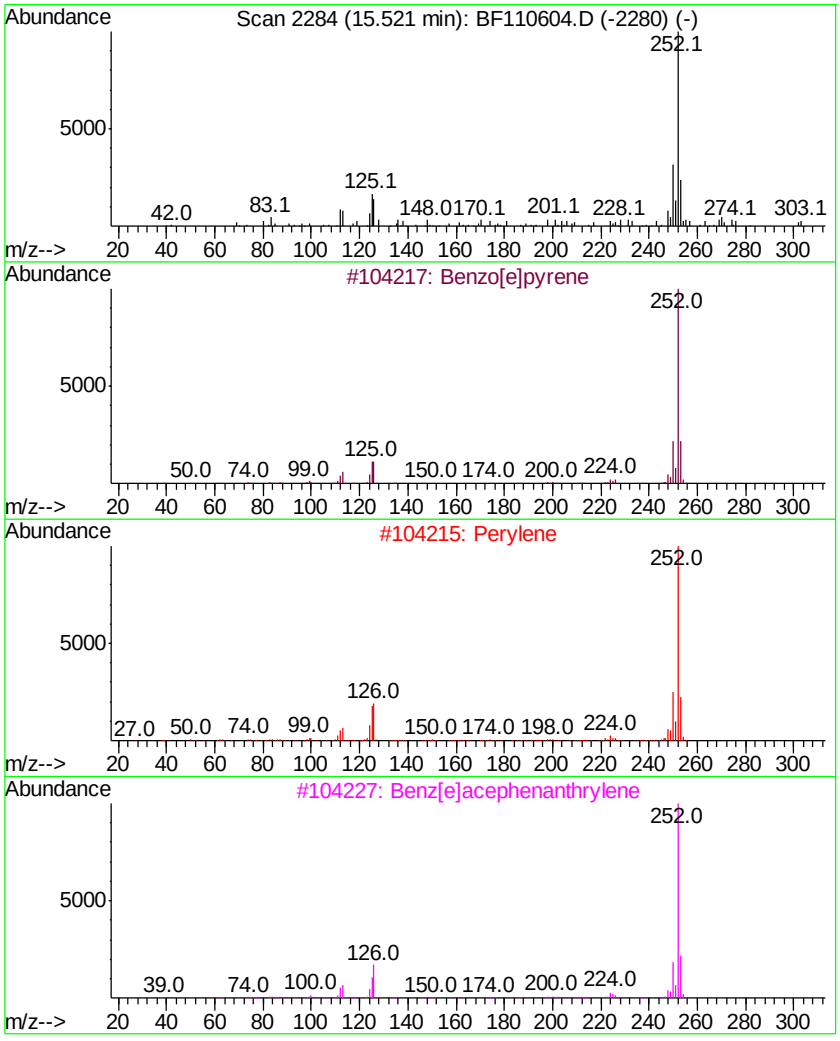
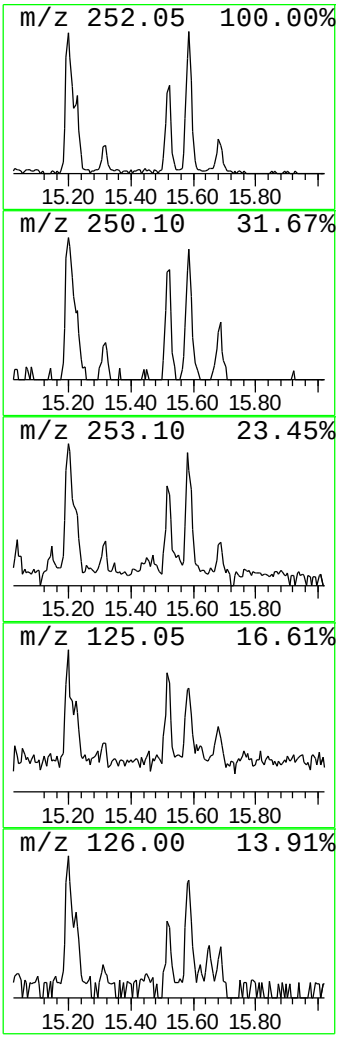
Peak Number 9 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.17 ng	41751	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

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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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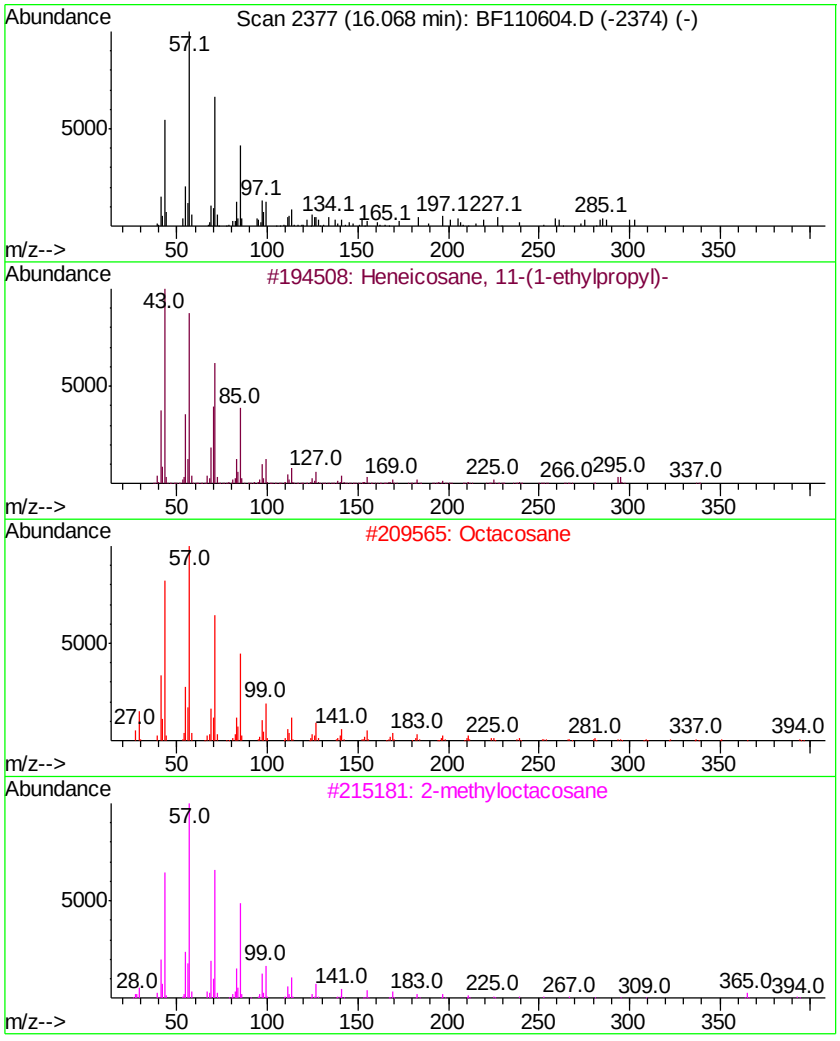
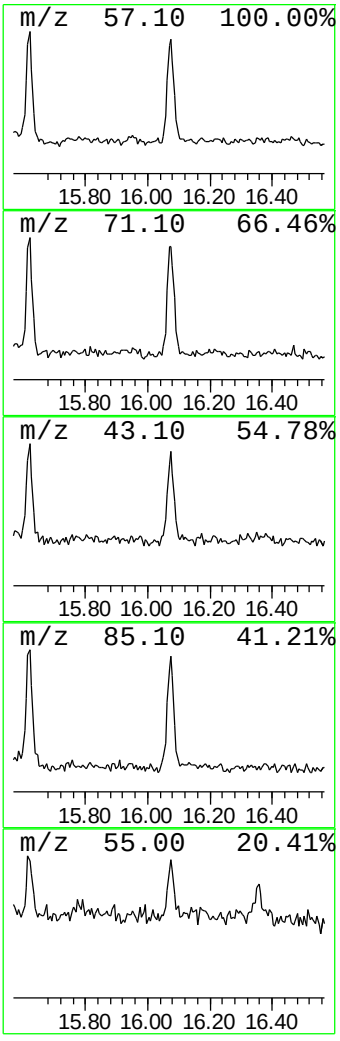
Peak Number 10 Heneicosane, 11-(1-ethylpro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.99 ng	76565	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
2	Octacosane	394	C28H58	000630-02-4	72
3	2-methyloctacosane	408	C29H60	1000376-72-8	72
4	Heneicosane	296	C21H44	000629-94-7	68
5	Heptadecane	240	C17H36	000629-78-7	68





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Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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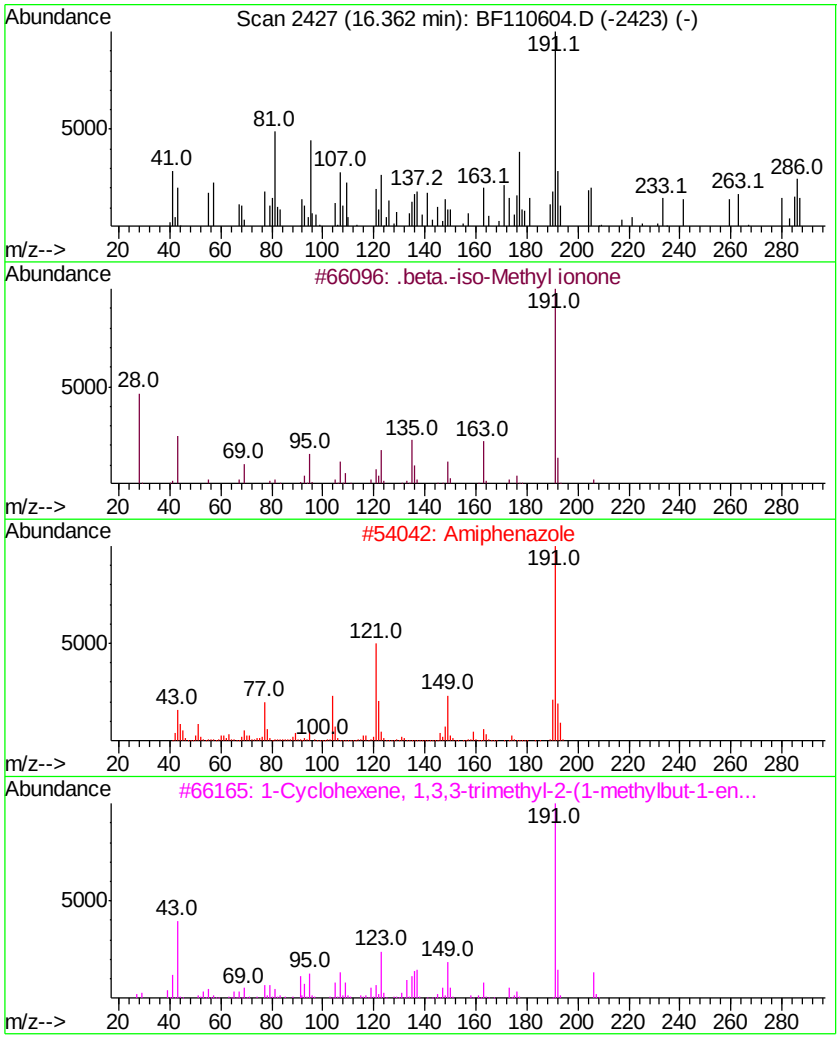
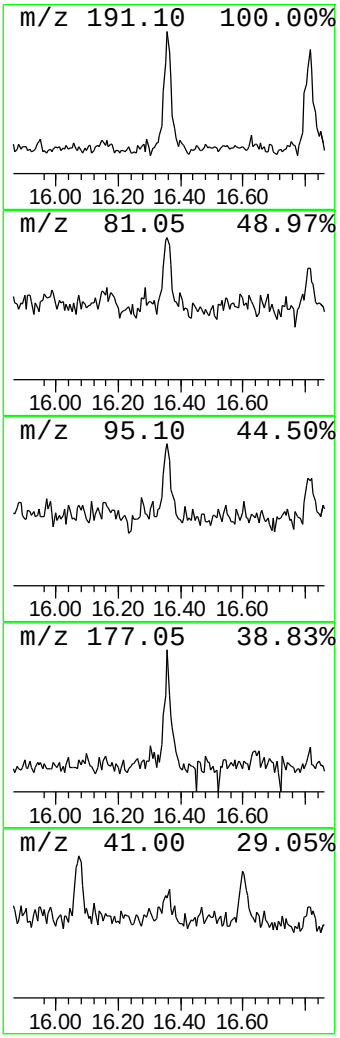
Peak Number 11 unknown16.36 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	3.97 ng	76227	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	47
2	Amiphenazole	191	C9H9N3S	000490-55-1	35
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	27
4	3-(Dimethylamino-carbonyl)-1,2-d...	263	C18H17NO	1000147-36-8	25
5	3-(5-Fluoro-1,3-dioxo-1,3-dihydr...	237	C11H8FNO4	1000278-27-9	18





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Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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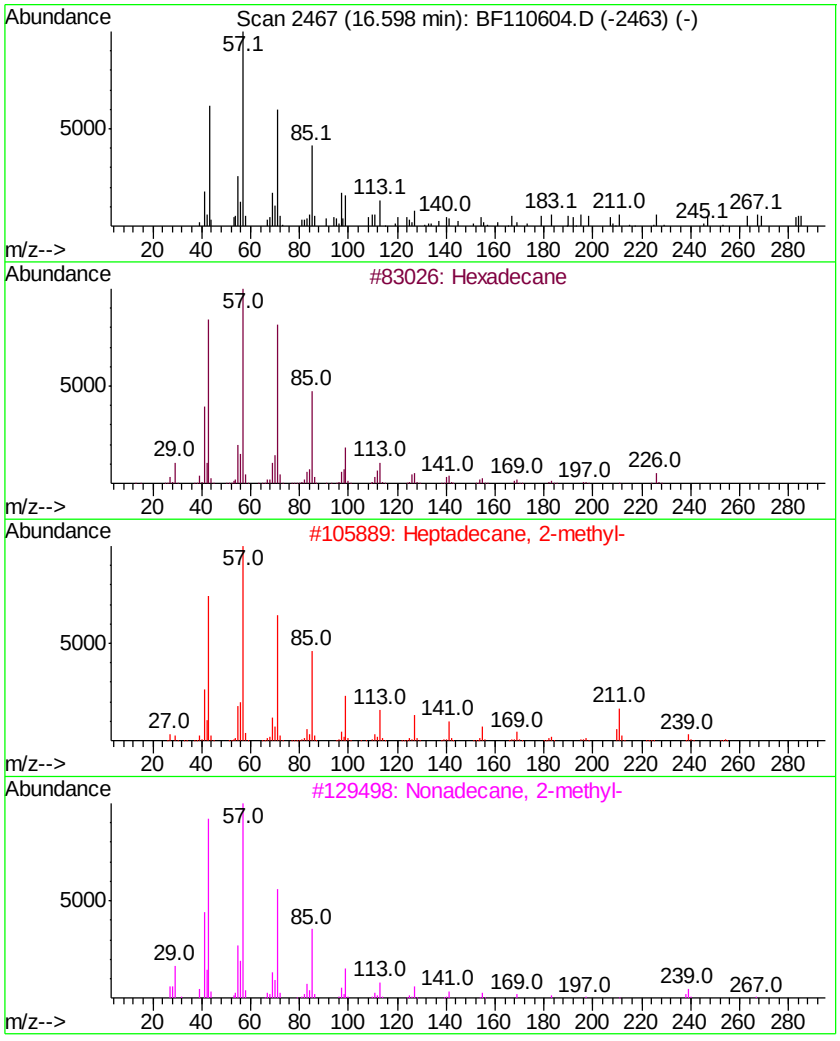
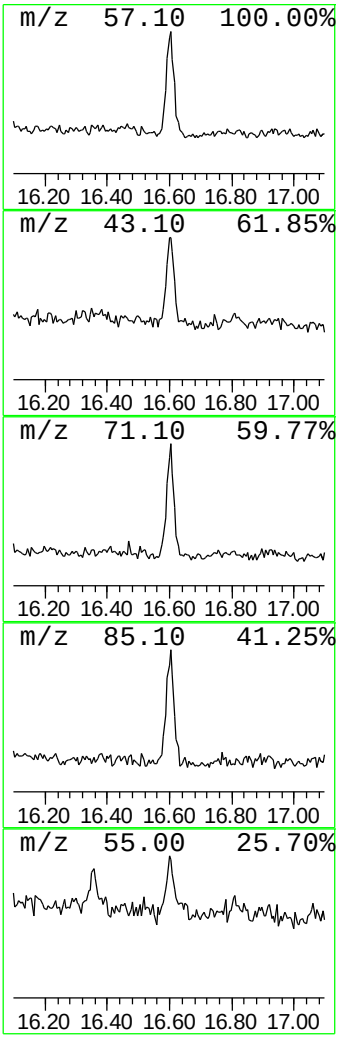
Peak Number 12 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	3.68 ng	70763	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	72
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	64
4	2-methyloctacosane	408	C29H60	1000376-72-8	64
5	2-methyltetracosane	352	C25H52	1000376-72-6	64





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Acq On : 9 Nov 2018 00:02
Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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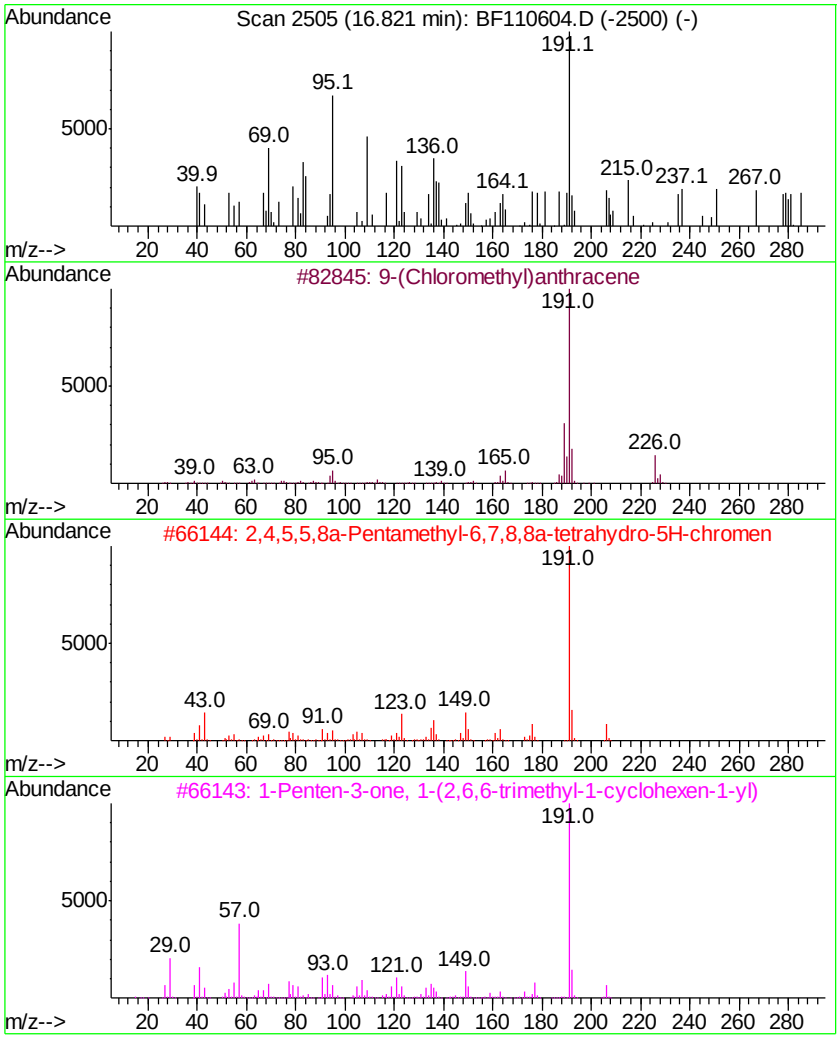
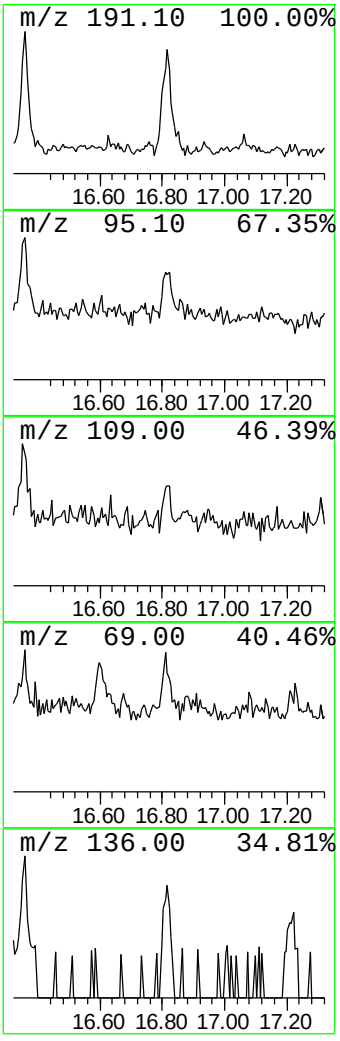
Peak Number 13 unknown16.82 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	2.93 ng	56192	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	47
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	46
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
4	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	38
5	Silane, [4-(1,1-dimethylethyl)ph...	206	C13H22Si	018412-68-5	38





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Operator : JU/SJ
Sample : J5768-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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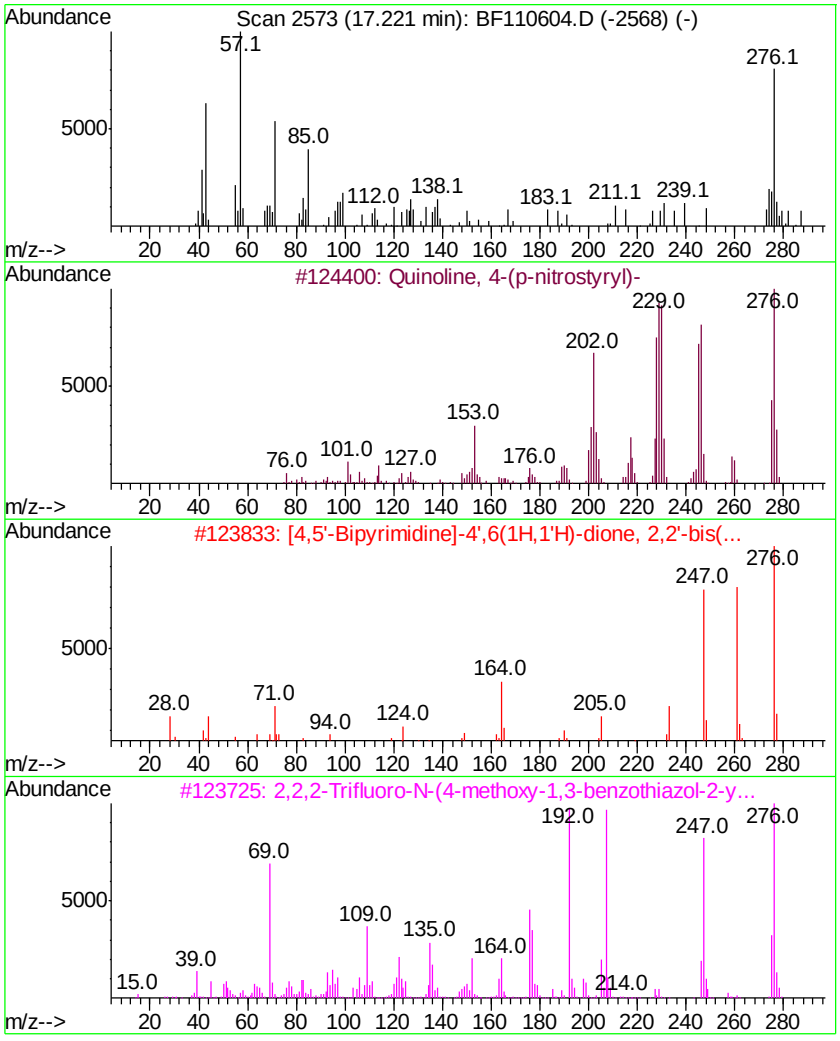
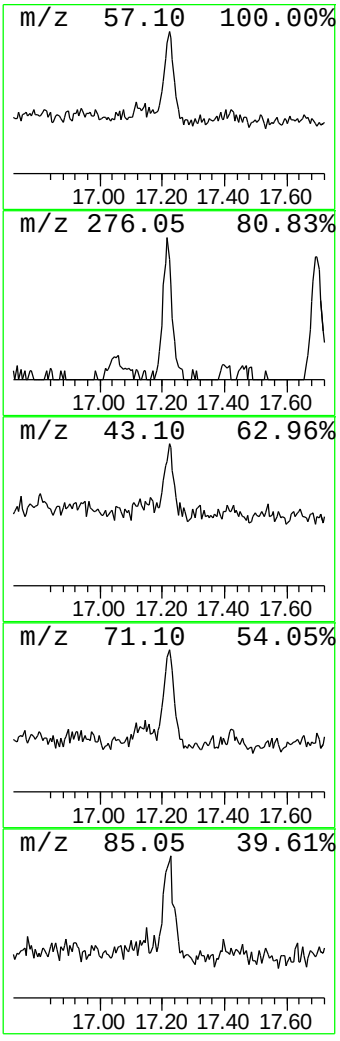
Peak Number 14 unknown17.22 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	4.68 ng	89963	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 4-(p-nitrostyryl)-	276	C17H12N2O2	004594-97-2	46
2	[4,5'-Bipyrimidine]-4',6(1H,1'H)...	276	C12H16N6O2	059549-59-6	38
3	2,2,2-Trifluoro-N-(4-methoxy-1,3...	276	C10H7F3N2O2S	1000373-11-3	38
4	Diphenyl(4-tolyl)phosphine	276	C19H17P	001031-93-2	35
5	2,4-Diamino-7-t-butyl-5,6,7,8-te...	276	C14H20N4S	049620-43-1	30





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Sample : J5768-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OK-02-110718-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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TIC Integration Parameters: LSCINT.P

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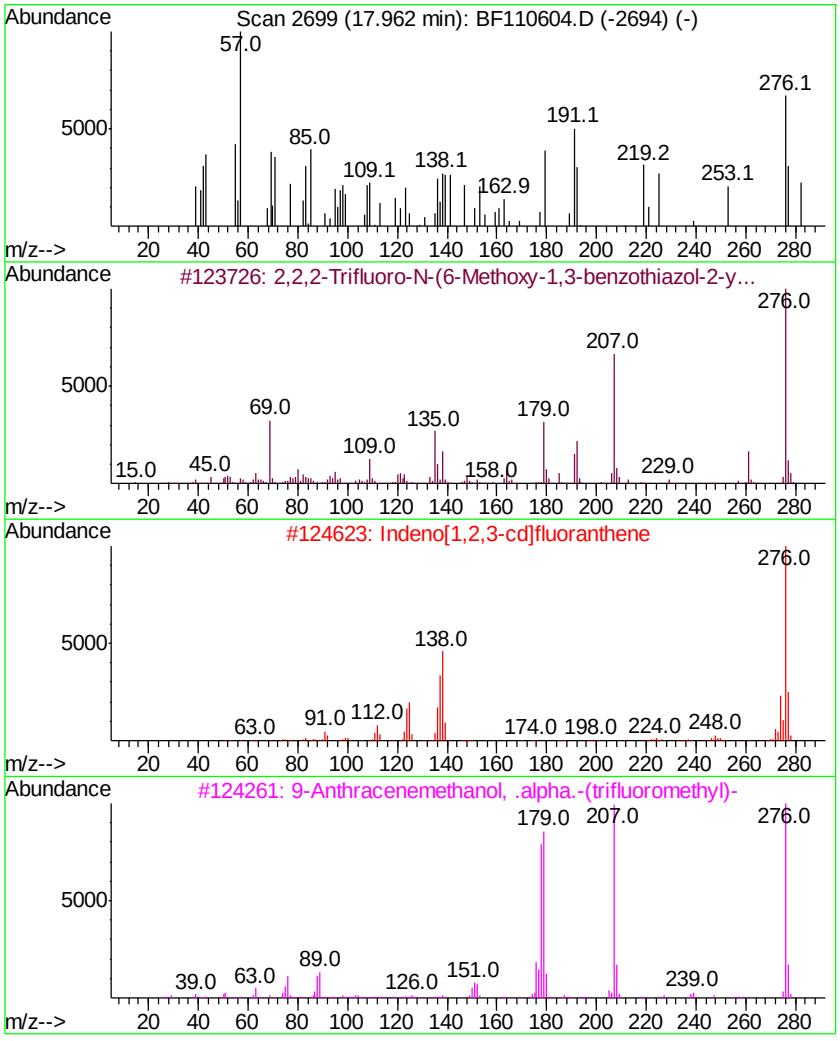
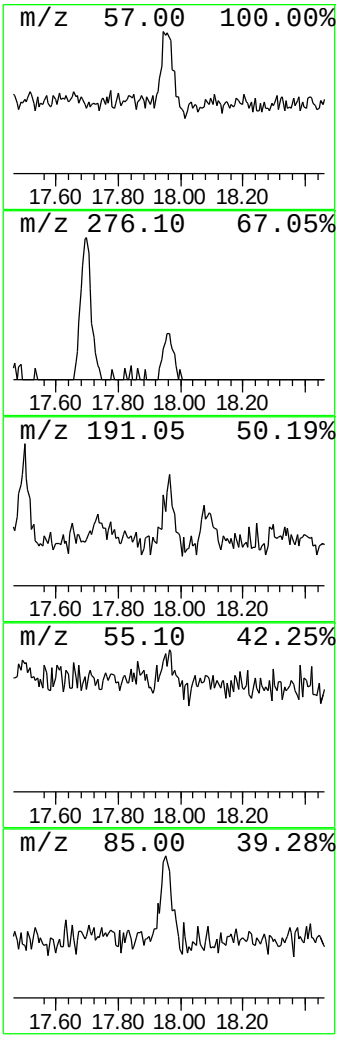
Peak Number 15 unknown17.96 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.66 ng	70286	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,2-Trifluoro-N-(6-Methoxy-1,3...	276	C10H7F3N2O2S	1000373-10-6	22
2	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	10
3	9-Anthracenemethanol, .alpha.-(t...	276	C16H11F3O	065487-67-4	10
4	Ditert.-butylphosphinacrylonitryl	197	C11H20NP	077376-95-5	10
5	Androstan-17-ol, (5.alpha.,17.be...	276	C19H32O	001225-43-0	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110818\
Data File : BF110604.D
Acq On : 9 Nov 2018 00:02
Operator : JU/SJ
Sample : J5768-03 2X
Misc :
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Instrument : BNA_F
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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
unknown6.71	6.71	30.2	ng	717286	1	6.95	474530	20.0
Phenanthrene, 2-m...	11.98	2.3	ng	69951	4	11.48	599047	20.0
Phenanthrene, 1-m...	12.01	2.5	ng	74276	4	11.48	599047	20.0
5-Bromo-2-thiophe...	12.09	2.8	ng	83262	4	11.48	599047	20.0
Phenanthrene, 2,5...	12.53	2.2	ng	64936	4	11.48	599047	20.0
Pyrene, 1-methyl-	13.25	2.4	ng	73155	5	14.13	605992	20.0
unknown13.94	13.94	2.1	ng	62742	5	14.13	605992	20.0
Benzo[e]pyrene	15.52	2.2	ng	41751	6	15.65	384166	20.0
Heneicosane, 11-(...	16.07	4.0	ng	76565	6	15.65	384166	20.0
unknown16.36	16.36	4.0	ng	76227	6	15.65	384166	20.0
Hexadecane	16.60	3.7	ng	70763	6	15.65	384166	20.0
unknown16.82	16.82	2.9	ng	56192	6	15.65	384166	20.0
unknown17.22	17.22	4.7	ng	89963	6	15.65	384166	20.0
unknown17.96	17.96	3.7	ng	70286	6	15.65	384166	20.0