LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112811.D
Acq On : 1 Mar 2019 20:26
Operator : JU/SJ
Sample : K1675-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-2-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-BF022719.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	5.357	550	556	559	rBV	3081501	3190281	96.24%	6.266%
2	6.375	724	729	732	rBV	3261663	3268480	98.60%	6.419%
3	6.510	748	752	756	rBV	3440928	3314767	100.00%	6.510%
4	6.745	788	792	795	rBV	1084787	931860	28.11%	1.830%
5	6.898	814	818	822	rBV	2766349	2528337	76.27%	4.965%
6	7.298	882	886	900	rBV	2080312	2012368	60.71%	3.952%
7	8.022	1005	1009	1028	rBV	1155074	1156232	34.88%	2.271%
8	9.098	1188	1192	1203	rBV	3593041	3235348	97.60%	6.354%
9	9.486	1255	1258	1265	rVB	185367	175508	5.29%	0.345%
10	9.633	1279	1283	1286	rBV	80176	71459	2.16%	0.140%
11	9.775	1303	1307	1310	rBV	1076112	1041526	31.42%	2.045%
12	9.804	1310	1312	1316	rVB	97203	80833	2.44%	0.159%
13	9.975	1338	1341	1345	rBV	73842	68865	2.08%	0.135%
14	10.316	1396	1399	1406	rVB	99015	86365	2.61%	0.170%
15	10.475	1423	1426	1431	rVB	46533	45487	1.37%	0.089%
16	10.557	1435	1440	1447	rBV	2140197	2063569	62.25%	4.053%
17	10.686	1455	1462	1464	rBV6	26668	37095	1.12%	0.073%
18	11.051	1521	1524	1530	rVB	136808	138041	4.16%	0.271%
19	11.104	1530	1533	1536	rBV3	33055	45270	1.37%	0.089%
20	11.145	1536	1540	1543	rVV	98330	87312	2.63%	0.171%
21	11.251	1554	1558	1560	rBV	1214353	1158901	34.96%	2.276%
22	11.275	1560	1562	1565	rVV	1805575	1362154	41.09%	2.675%
23	11.322	1565	1570	1574	rVB	299670	287812	8.68%	0.565%
24	11.475	1591	1596	1599	rBV	183524	181197	5.47%	0.356%
25	11.580	1611	1614	1617	rVB	76107	65358	1.97%	0.128%
26	11.704	1632	1635	1638	rBV2	37867	39087	1.18%	0.077%
27	11.751	1640	1643	1645	rVV	278895	244097	7.36%	0.479%
28	11.786	1645	1649	1653	rVV2	560801	703338	21.22%	1.381%
29	11.822	1653	1655	1658	rVV2	109328	114979	3.47%	0.226%
30	11.863	1658	1662	1664	rVV2	314958	373474	11.27%	0.733%
31	11.886	1664	1666	1670	rVB	175226	150471	4.54%	0.296%
32	12.045	1690	1693	1695	rBV	182412	188096	5.67%	0.369%
33	12.063	1695	1696	1704	rVB	271225	222163	6.70%	0.436%
34	12.192	1713	1718	1721	rBV2	84276	102374	3.09%	0.201%

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Operator : JU/SJ
Sample : K1675-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-2-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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.227	1721	1724	1726	rVV	74694	67080	2.02%	0.132%
36	12.245	1726	1727	1730	rVB	56873	45254	1.37%	0.089%
37	12.298	1730	1736	1739	rBV	207528	229437	6.92%	0.451%
38	12.333	1739	1742	1744	rVV2	96413	115302	3.48%	0.226%
39	12.380	1747	1750	1755	rVB2	184485	213274	6.43%	0.419%
40	12.457	1759	1763	1767	rVV	2322955	2228988	67.24%	4.378%
41	12.510	1767	1772	1777	rVV3	59295	131647	3.97%	0.259%
42	12.569	1780	1782	1787	rVV4	153620	234849	7.08%	0.461%
43	12.604	1787	1788	1793	rVV	95575	91844	2.77%	0.180%
44	12.686	1796	1802	1805	rVV	2170570	2204257	66.50%	4.329%
45	12.733	1807	1810	1816	rVB2	102935	153152	4.62%	0.301%
46	12.804	1819	1822	1823	rBV	125219	99406	3.00%	0.195%
47	12.833	1823	1827	1830	rVV	3606006	3248993	98.02%	6.381%
48	12.904	1834	1839	1842	rBV2	179109	283676	8.56%	0.557%
49	12.927	1842	1843	1846	rVB	50586	39053	1.18%	0.077%
50	12.986	1851	1853	1855	rVV3	127405	140832	4.25%	0.277%
51	13.010	1855	1857	1860	rVB	199370	186381	5.62%	0.366%
52	13.045	1860	1863	1866	rBV3	44527	62808	1.89%	0.123%
53	13.080	1866	1869	1871	rBV	92331	83669	2.52%	0.164%
54	13.116	1871	1875	1878	rBV	273842	259636	7.83%	0.510%
55	13.174	1882	1885	1887	rBV	46518	48932	1.48%	0.096%
56	13.204	1887	1890	1893	rBV	124316	117056	3.53%	0.230%
57	13.239	1893	1896	1899	rBV	125214	121064	3.65%	0.238%
58	13.316	1905	1909	1913	rVB6	49018	73122	2.21%	0.144%
59	13.392	1918	1922	1923	rBV2	50499	61626	1.86%	0.121%
60	13.416	1924	1926	1932	rVB3	74610	98123	2.96%	0.193%
61	13.516	1939	1943	1948	rVB	313923	329452	9.94%	0.647%
62	13.621	1957	1961	1964	rBV2	268328	361130	10.89%	0.709%
63	13.657	1964	1967	1969	rVV	217029	219718	6.63%	0.432%
64	13.680	1969	1971	1975	rVV2	151324	231473	6.98%	0.455%
65	13.721	1975	1978	1985	rVV2	316308	562554	16.97%	1.105%
66	13.792	1988	1990	1996	rVB3	60931	83110	2.51%	0.163%
67	13.874	1999	2004	2007	rVV3	1761837	2635924	79.52%	5.177%
68	13.904	2007	2009	2014	rVB	1160169	971922	29.32%	1.909%
69	13.980	2017	2022	2024	rBV2	90642	111652	3.37%	0.219%
70	14.063	2033	2036	2038	rVB	162197	147811	4.46%	0.290%
71	14.092	2038	2041	2046	rBV2	106565	128565	3.88%	0.252%

LSC Area Percent Report

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Sample : K1675-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-2-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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.133	2046	2048	2050	rVB2	68225	54869	1.66%	0.108%
73	14.227	2061	2064	2065	rBV	66916	58146	1.75%	0.114%
74	14.263	2066	2070	2073	rVV	244112	276242	8.33%	0.543%
75	14.292	2073	2075	2079	rVB2	159591	165168	4.98%	0.324%
76	14.363	2085	2087	2089	rVB2	74657	54737	1.65%	0.107%
77	14.663	2135	2138	2143	rVB3	120586	143548	4.33%	0.282%
78	14.886	2172	2176	2183	rBV	851535	1554165	46.89%	3.052%
79	14.986	2190	2193	2197	rVB2	224193	249312	7.52%	0.490%
80	15.168	2220	2224	2230	rVB	489891	587823	17.73%	1.154%
81	15.227	2230	2234	2239	rBV	630229	671057	20.24%	1.318%
82	15.286	2240	2244	2247	rBV	757582	887152	26.76%	1.742%
83	15.315	2247	2249	2251	rVB	93806	75170	2.27%	0.148%
84	16.645	2470	2475	2483	rVB2	285887	545929	16.47%	1.072%
85	17.051	2539	2544	2553	rVB	209544	399562	12.05%	0.785%

Sum of corrected areas: 50918156

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
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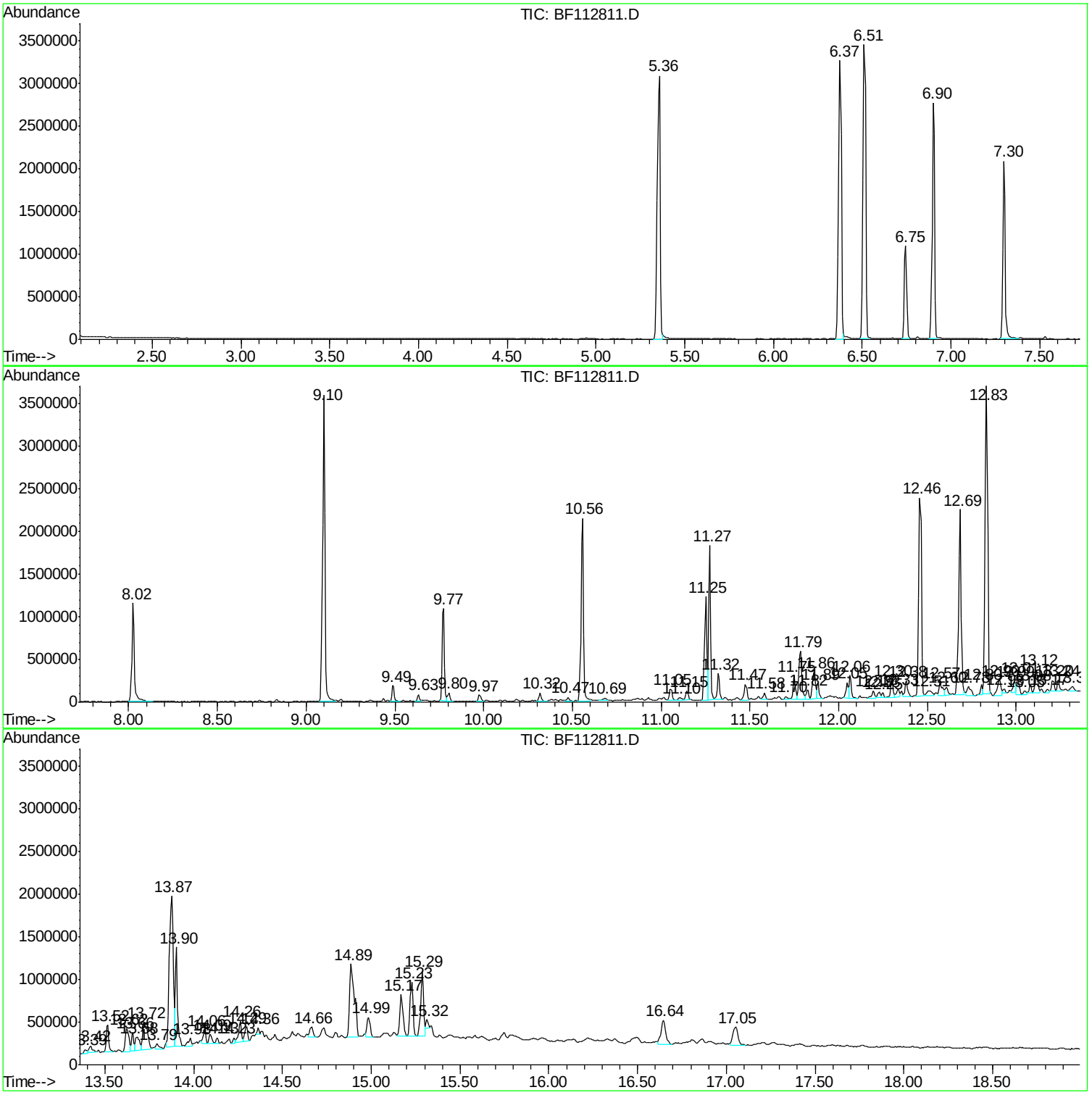
Acq On : 1 Mar 2019 20:26
Operator : JU/SJ
Sample : K1675-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF030119\
Data File : BF112811.D
Acq On : 1 Mar 2019 20:26
Operator : JU/SJ
Sample : K1675-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

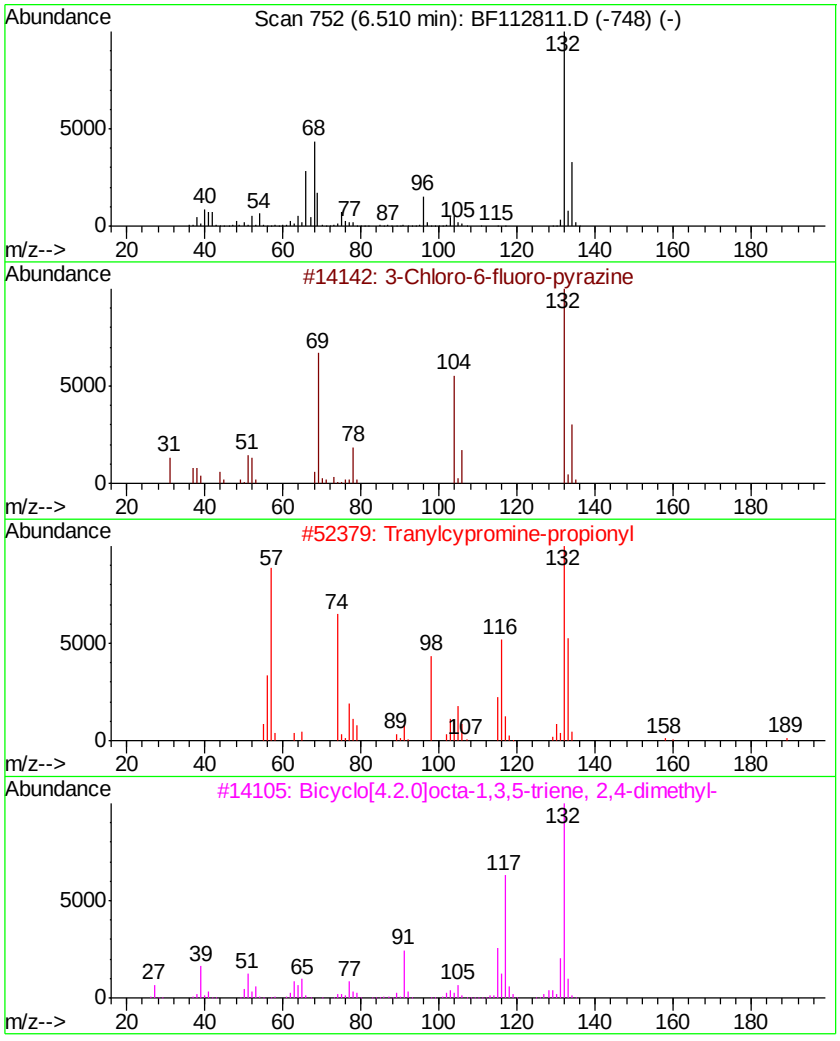
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

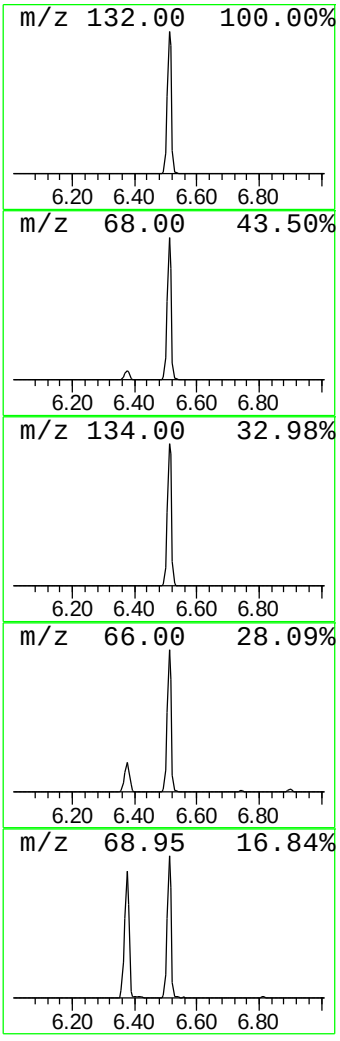
****

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	71.14 ng	3314770	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
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Misc :
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Instrument : BNA_F
ClientSampleId : Z-3-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

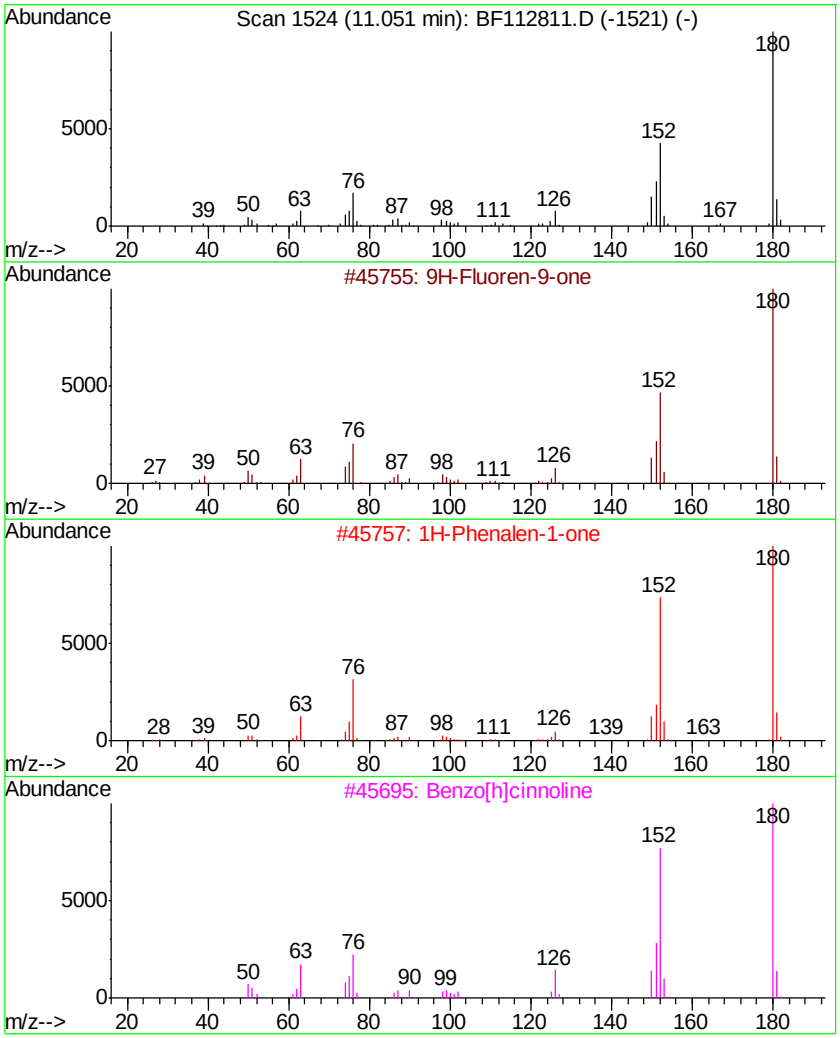
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

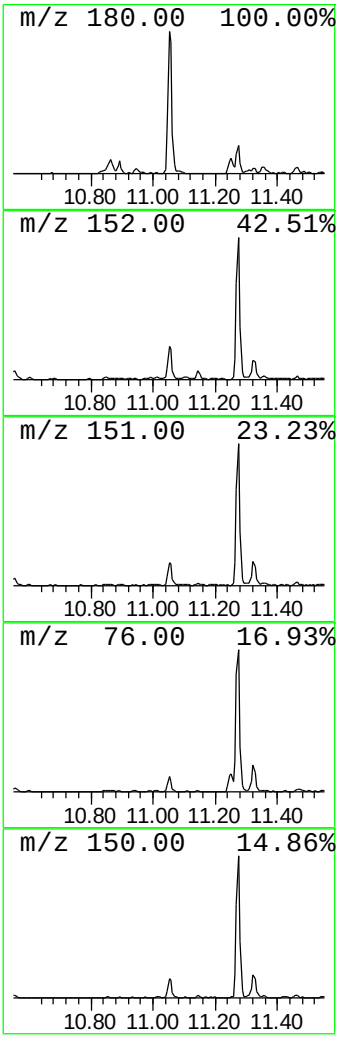
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.38 ng	138041	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	52
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
4	Benzaldehyde, 4-nitro-, O-methyl...	180	C8H8N2O3	033499-32-0	43
5	Anthracene, 1,2-dihydro-	180	C14H12	058746-82-0	40





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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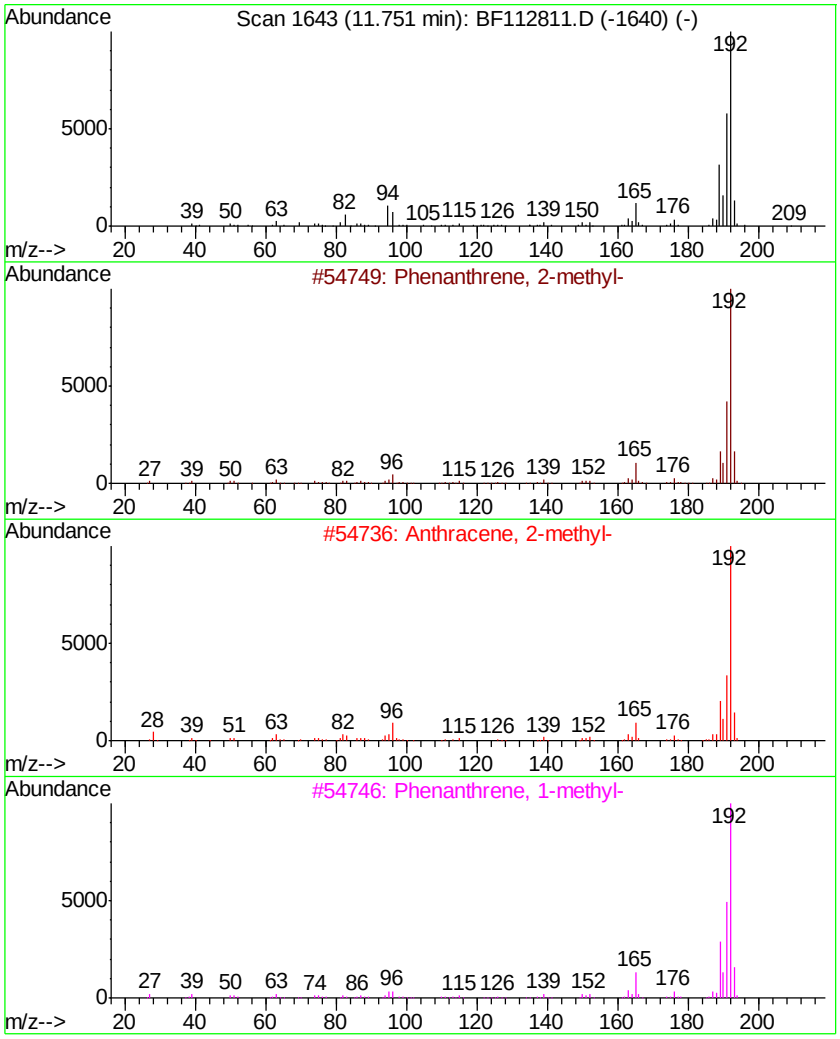
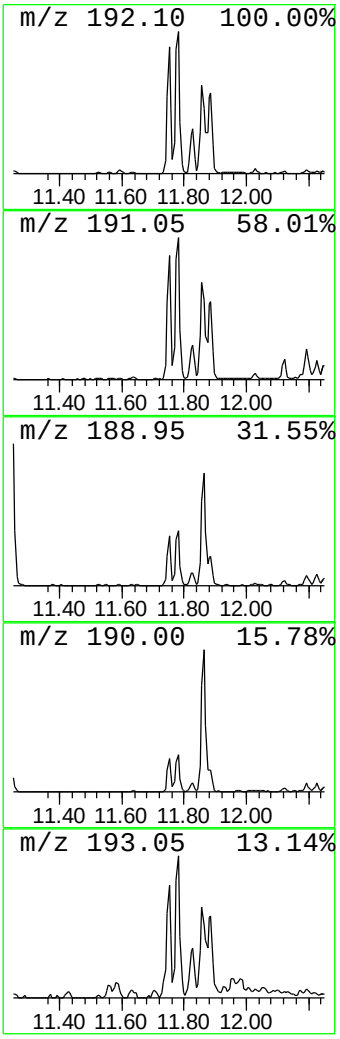
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.21 ng	244097	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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TIC Library : C:\DATABASE\NIST11.L
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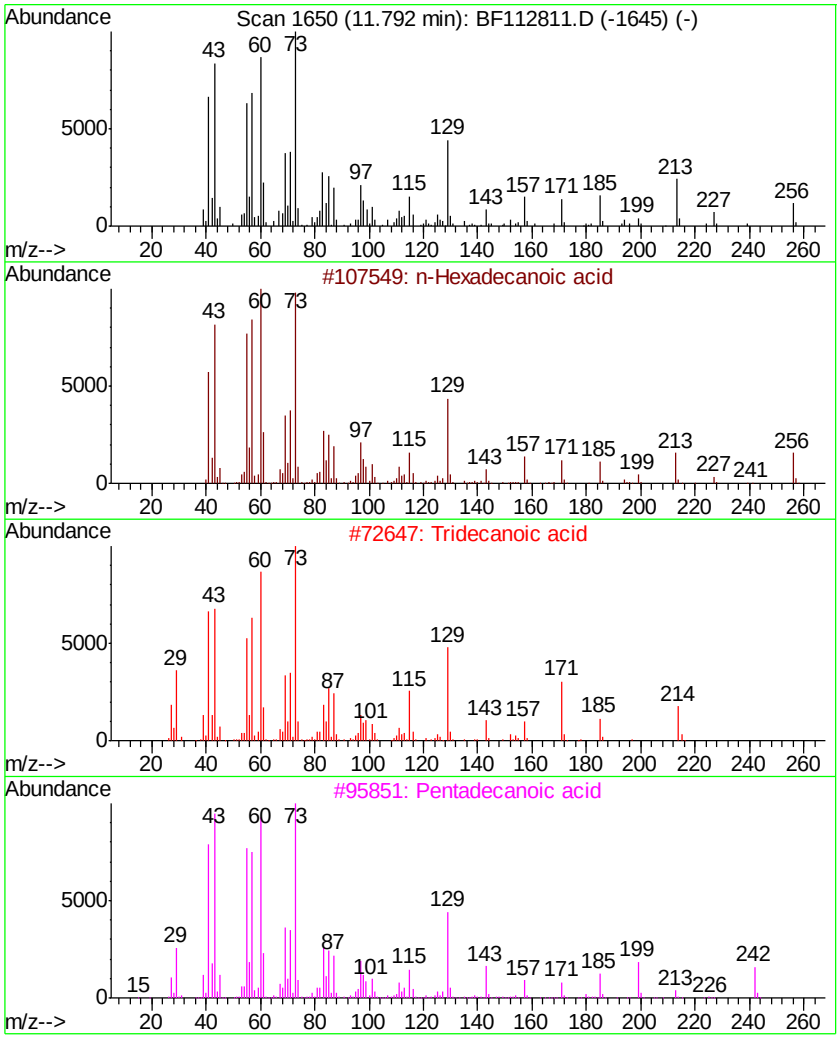
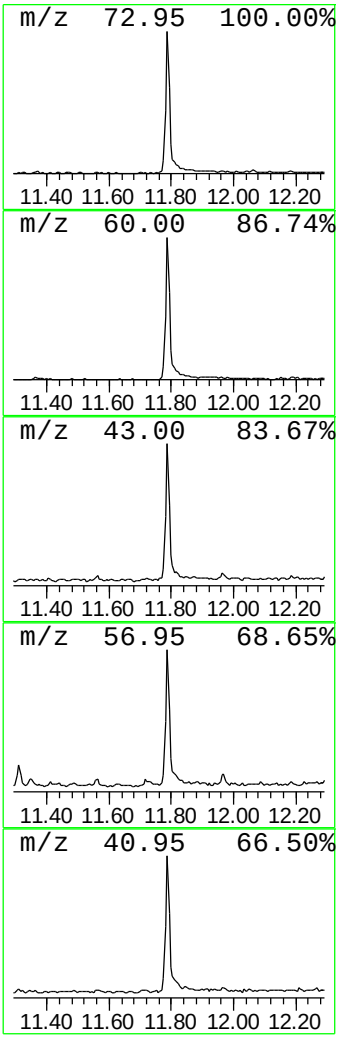
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	12.14 ng	703338	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Instrument : BNA_F
ClientSampleId : Z-3-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

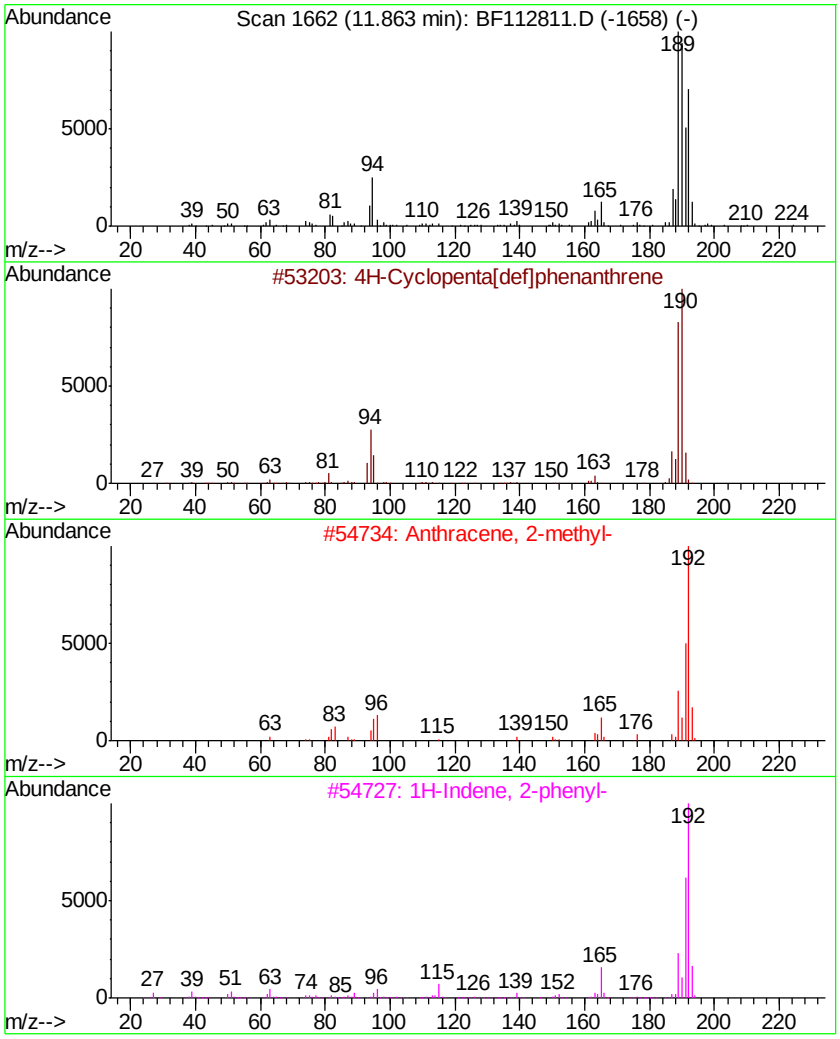
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

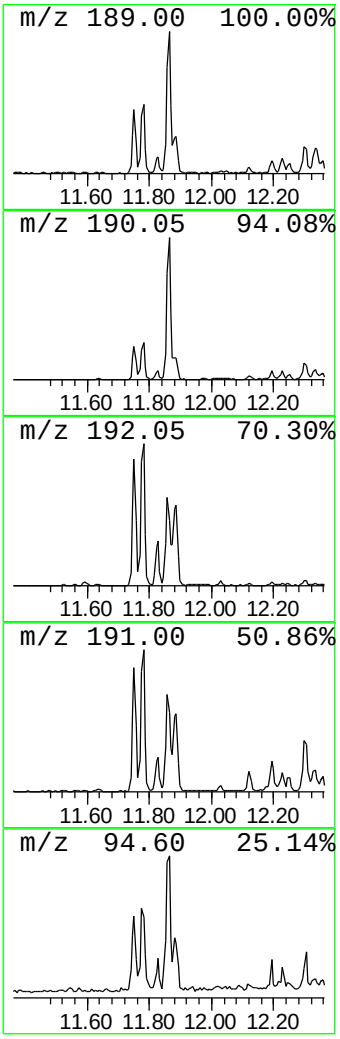
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	6.45 ng	373474	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30





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Data File : BF112811.D
Acq On : 1 Mar 2019 20:26
Operator : JU/SJ
Sample : K1675-15
Misc :
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Instrument : BNA_F
ClientSampleId : Z-3-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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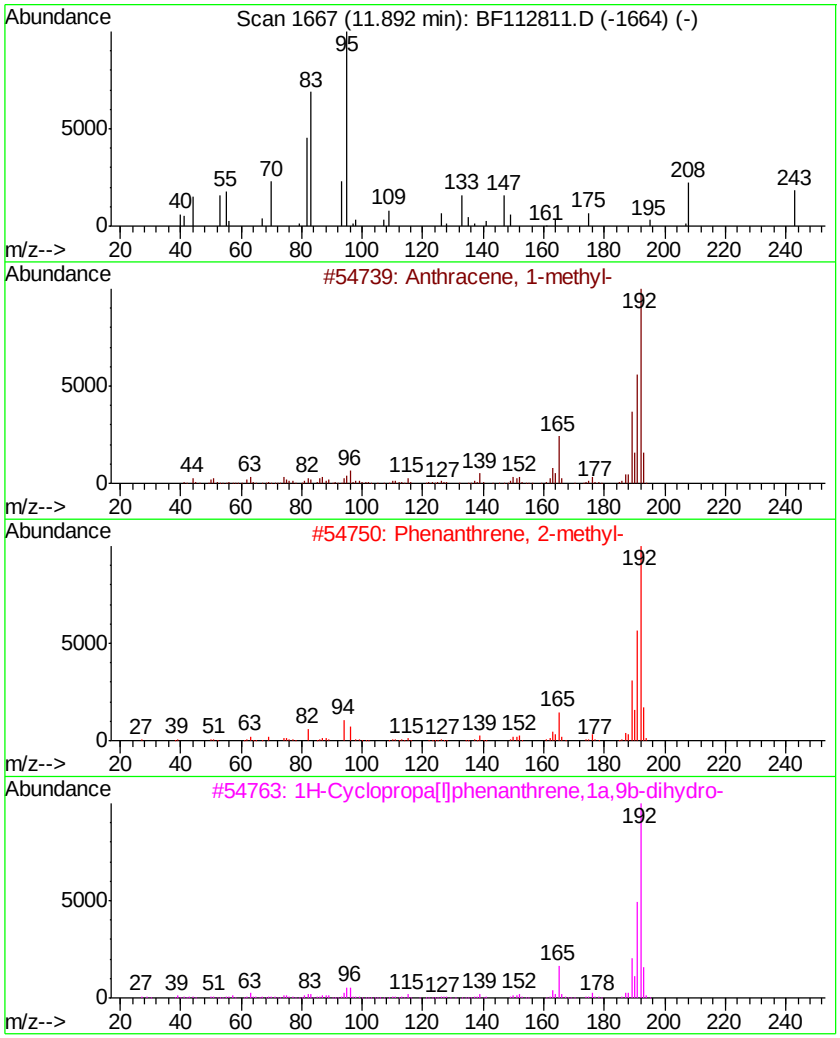
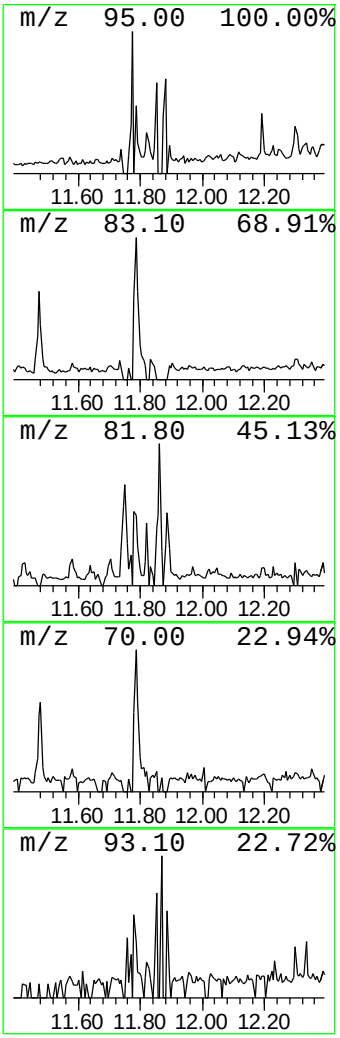
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.60 ng	150471	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74





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Acq On : 1 Mar 2019 20:26
Operator : JU/SJ
Sample : K1675-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-2-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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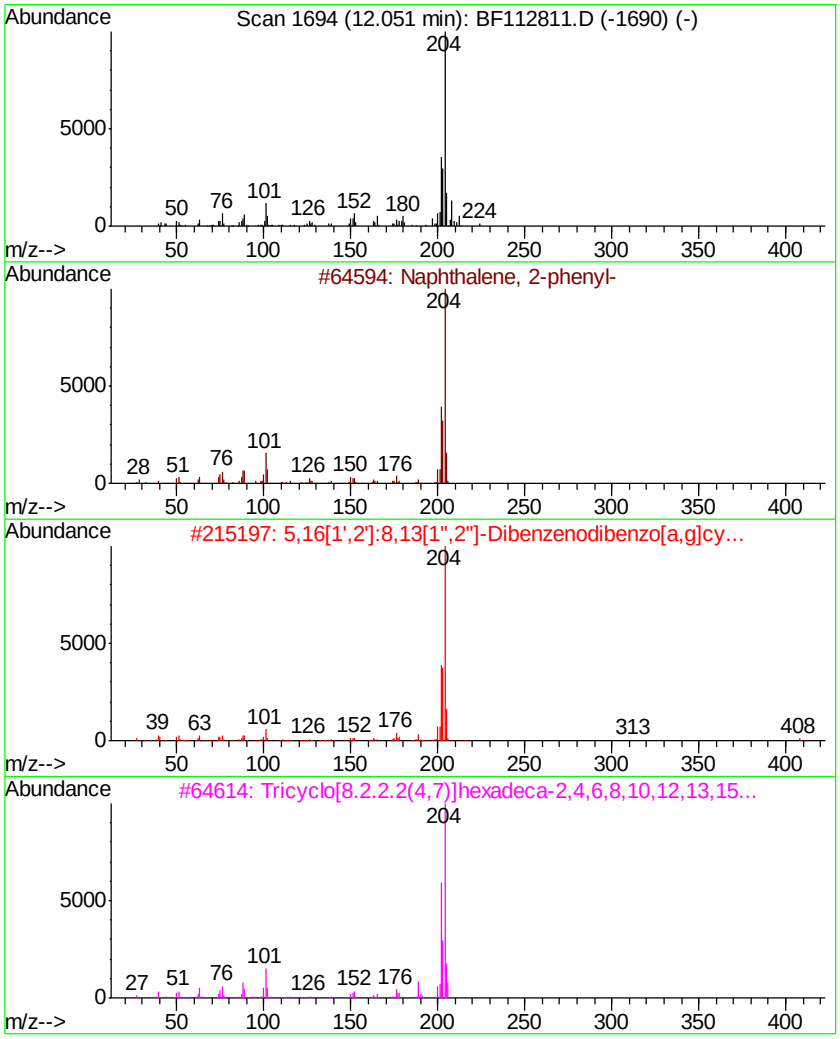
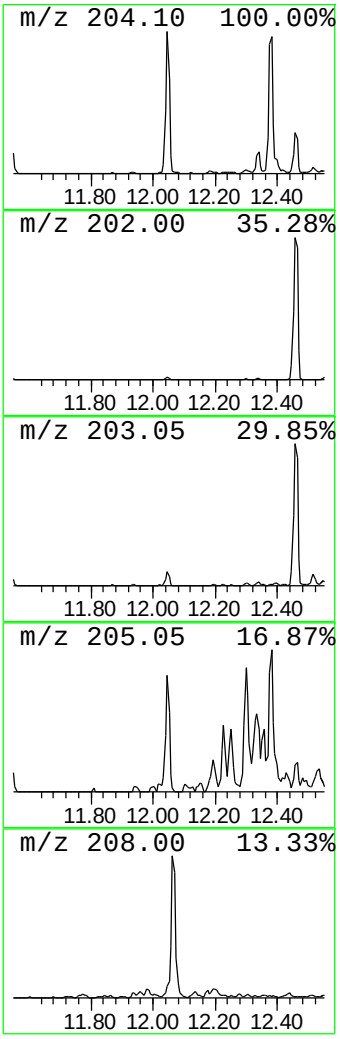
Peak Number 8 Naphthalene, 1-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	3.25 ng	188096	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
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	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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ClientSampleId : Z-3-2-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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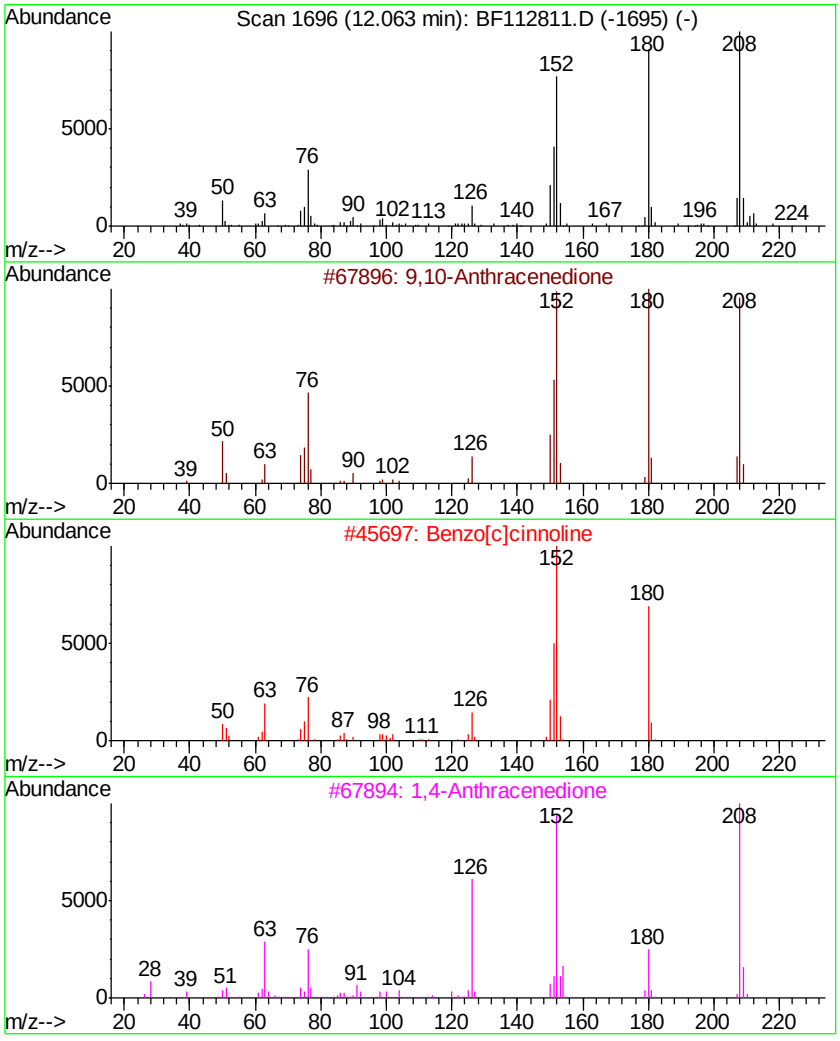
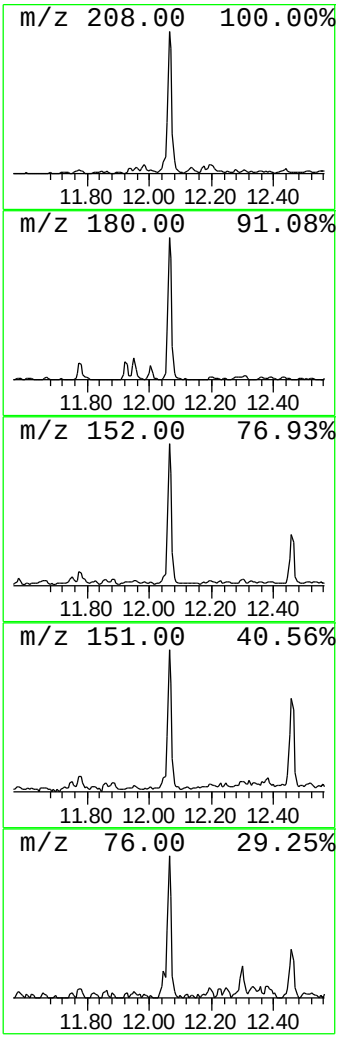
Peak Number 9 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.83 ng	222163	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46





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ClientSampleId : Z-3-2-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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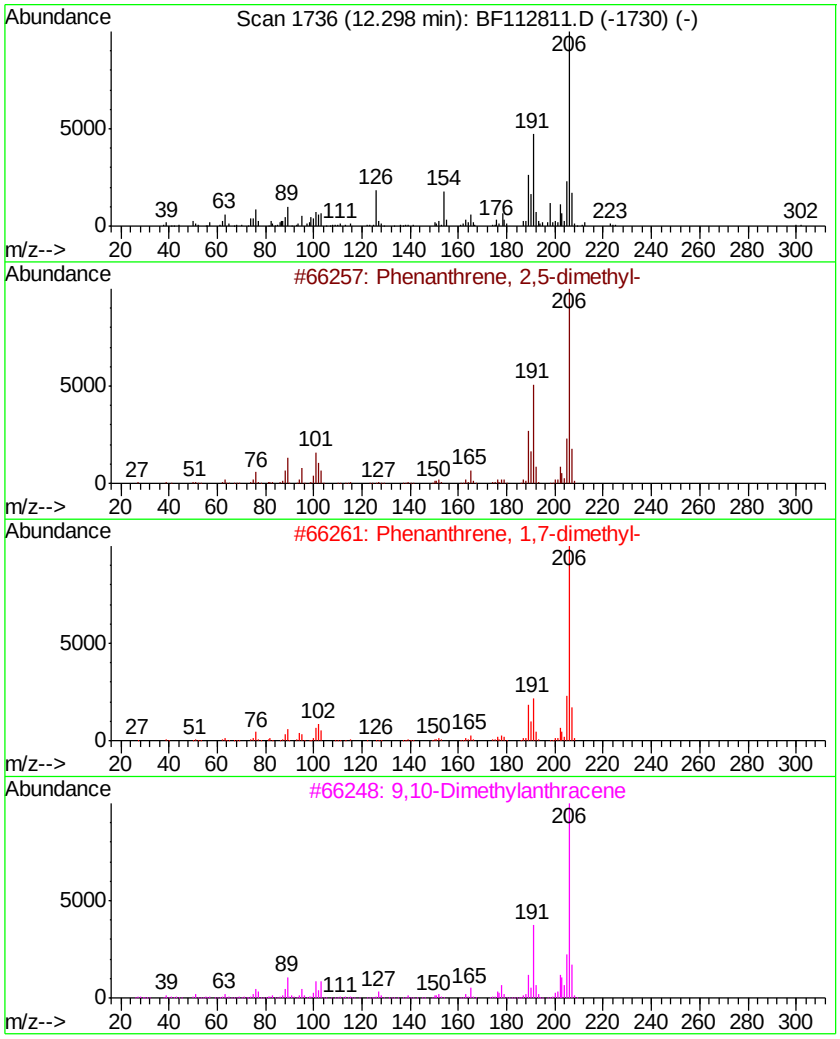
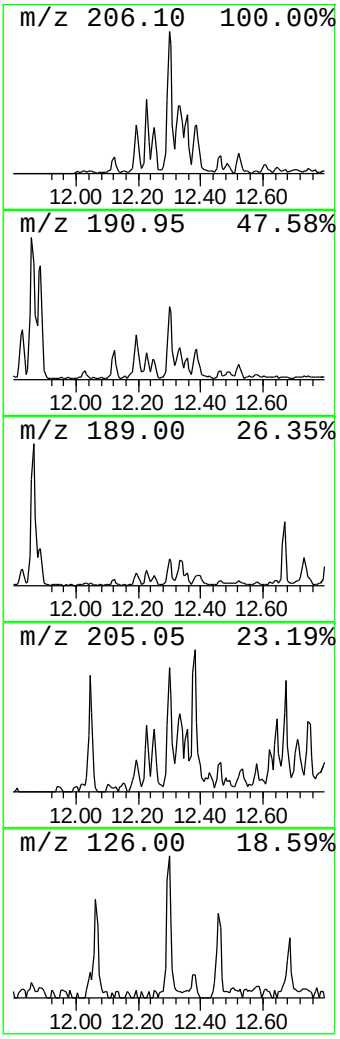
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.96 ng	229437	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81





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Misc :
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Instrument : BNA_F
ClientSampleId : Z-3-2-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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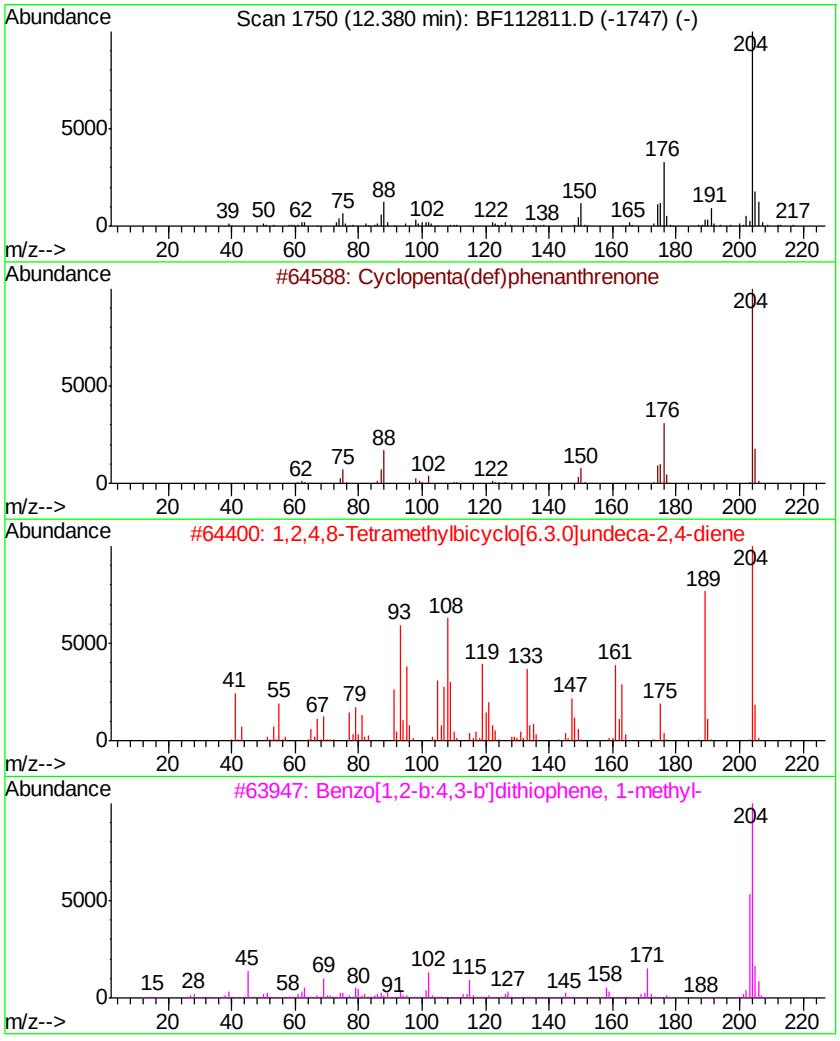
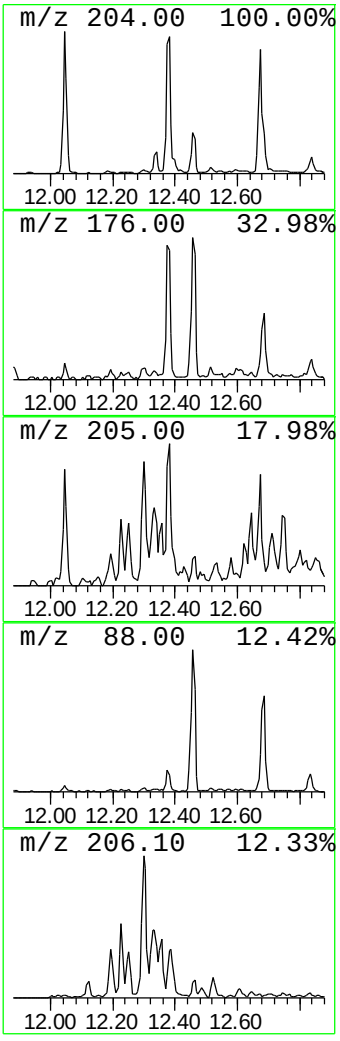
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	3.68 ng	213274	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	49
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	47
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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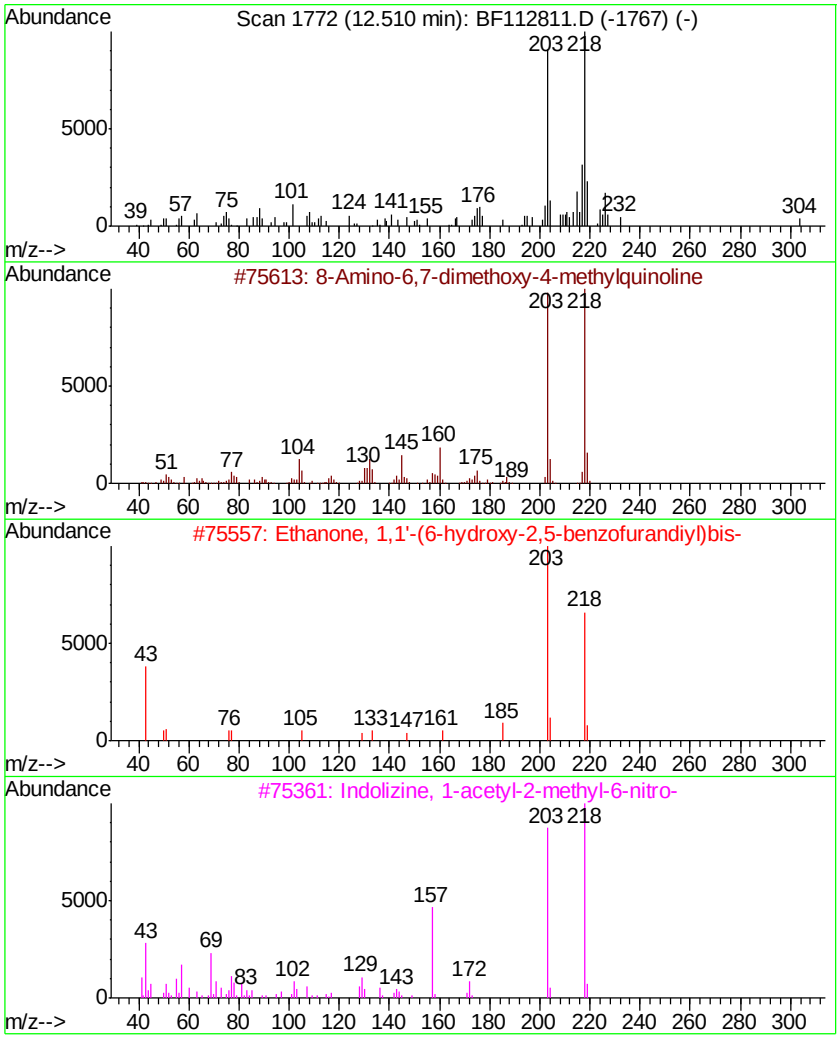
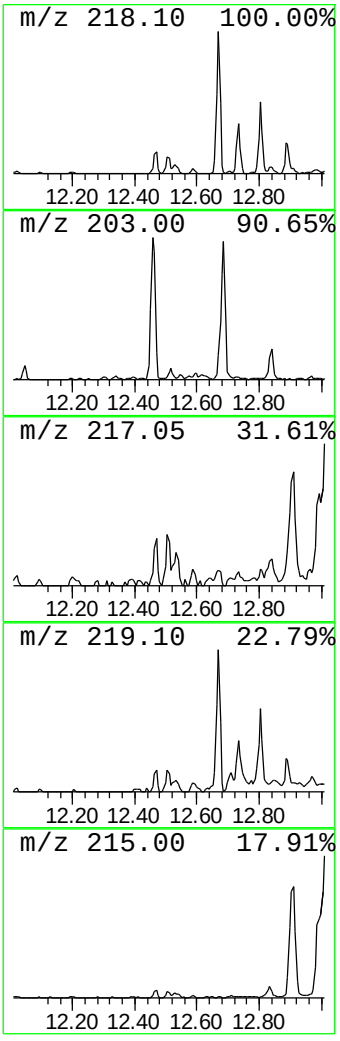
Peak Number 12 8-Amino-6,7-dimethoxy-4-met... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.27 ng	131647	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	58
2	Ethanone, 1,1'-(6-hydroxy-2,5-be...	218	C12H10O4	053947-86-7	58
3	Indolizine, 1-acetyl-2-methyl-6-...	218	C11H10N2O3	1000071-33-1	50
4	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	43
5	9-Cyanophenanthrene	203	C15H9N	002510-55-6	35





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ClientSampleId : Z-3-2-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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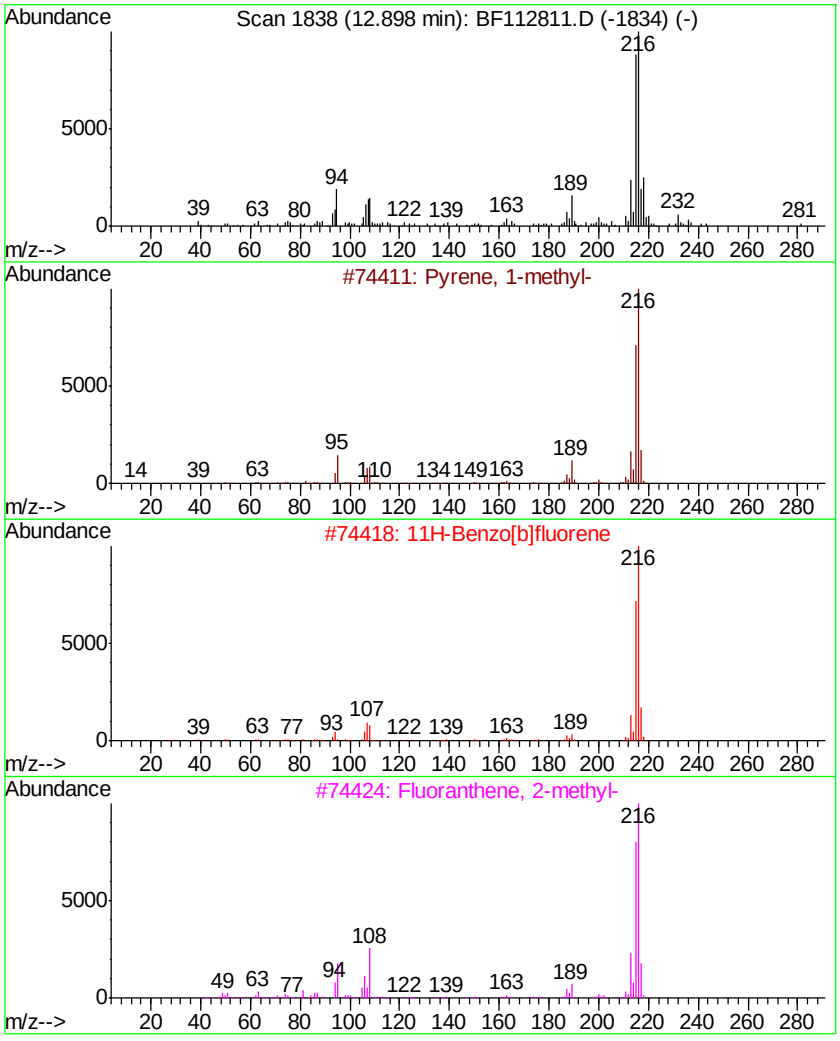
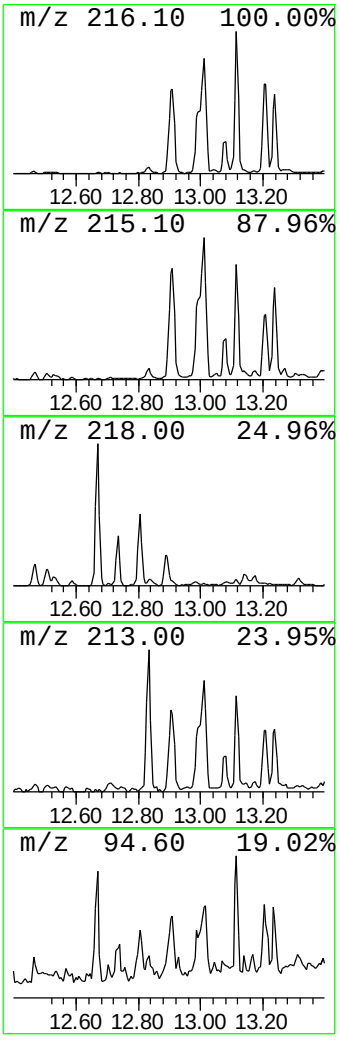
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.15 ng	283676	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Sample : K1675-15
Misc :
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ClientSampleId : Z-3-2-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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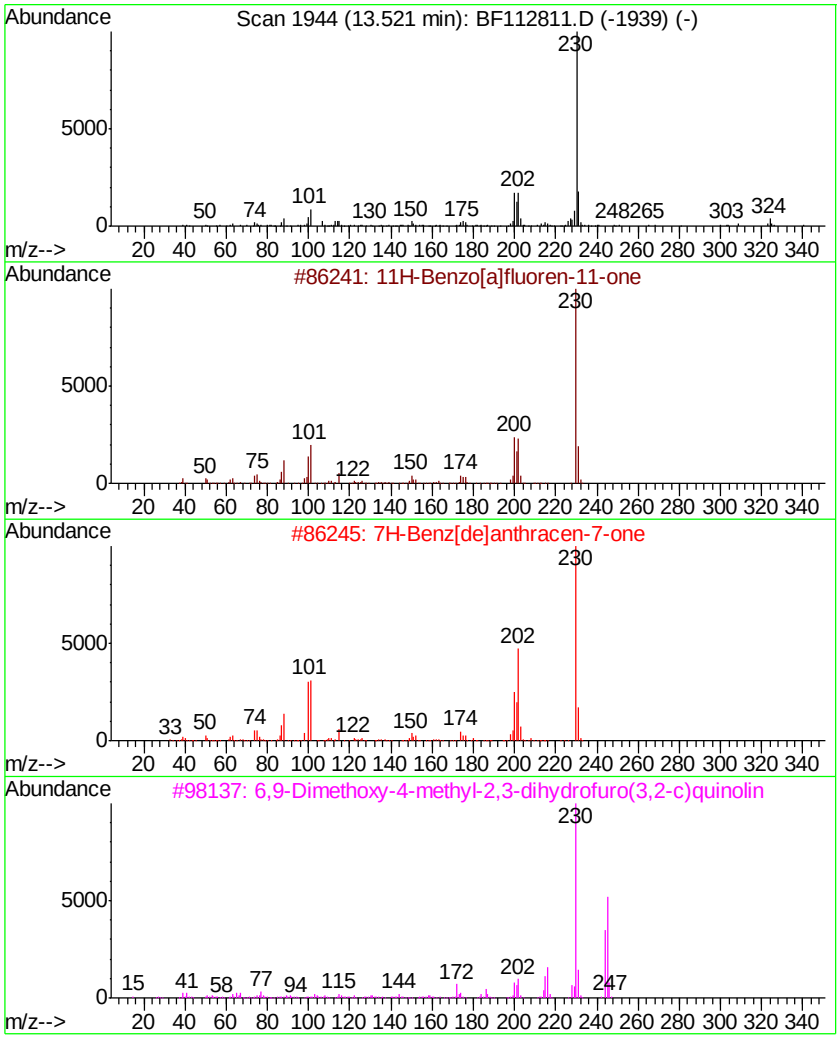
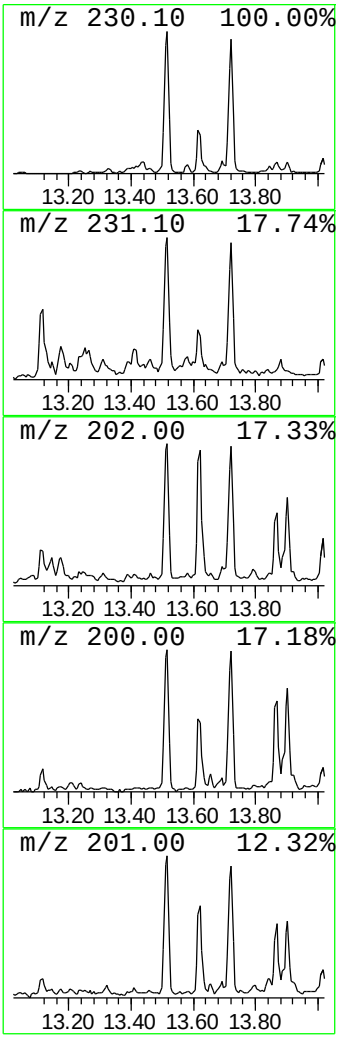
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	2.50 ng	329452	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6,9-Dimethoxy-4-methyl-2,3-dihyd...	245	C14H15NO3	001723-11-1	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	64





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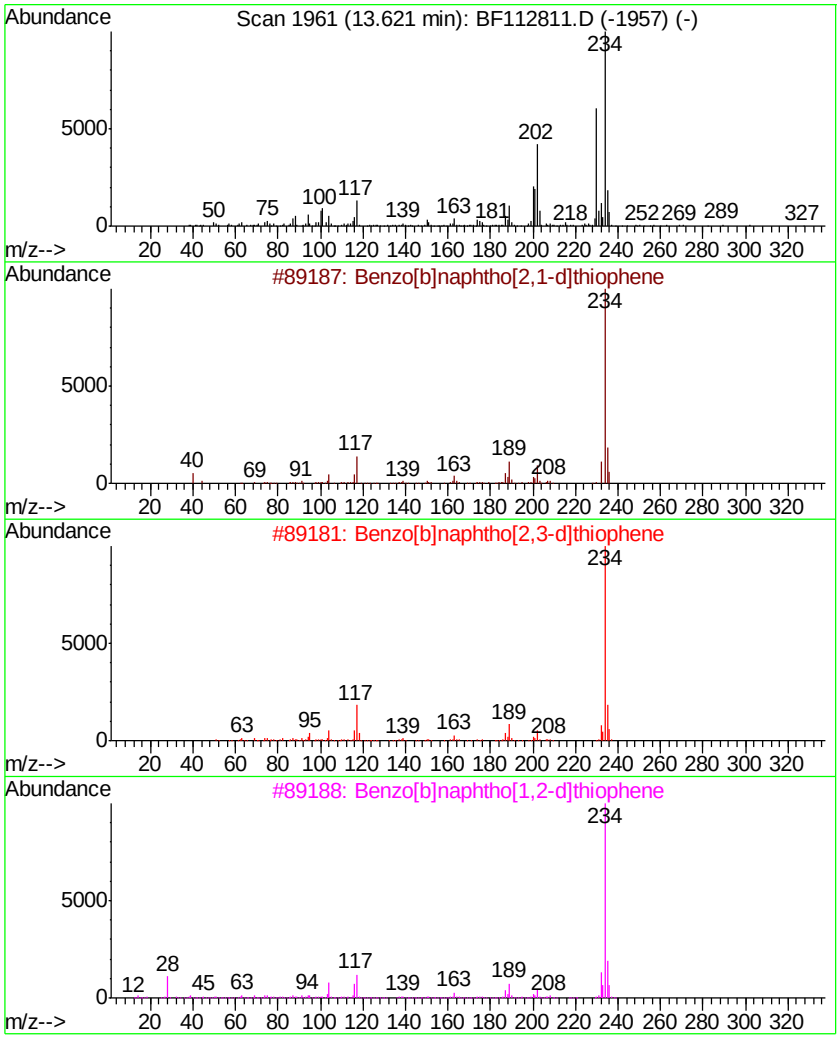
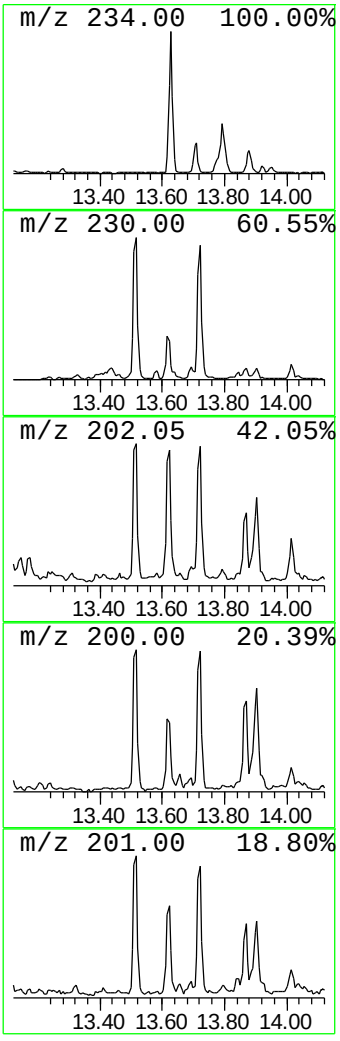
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.74 ng	361130	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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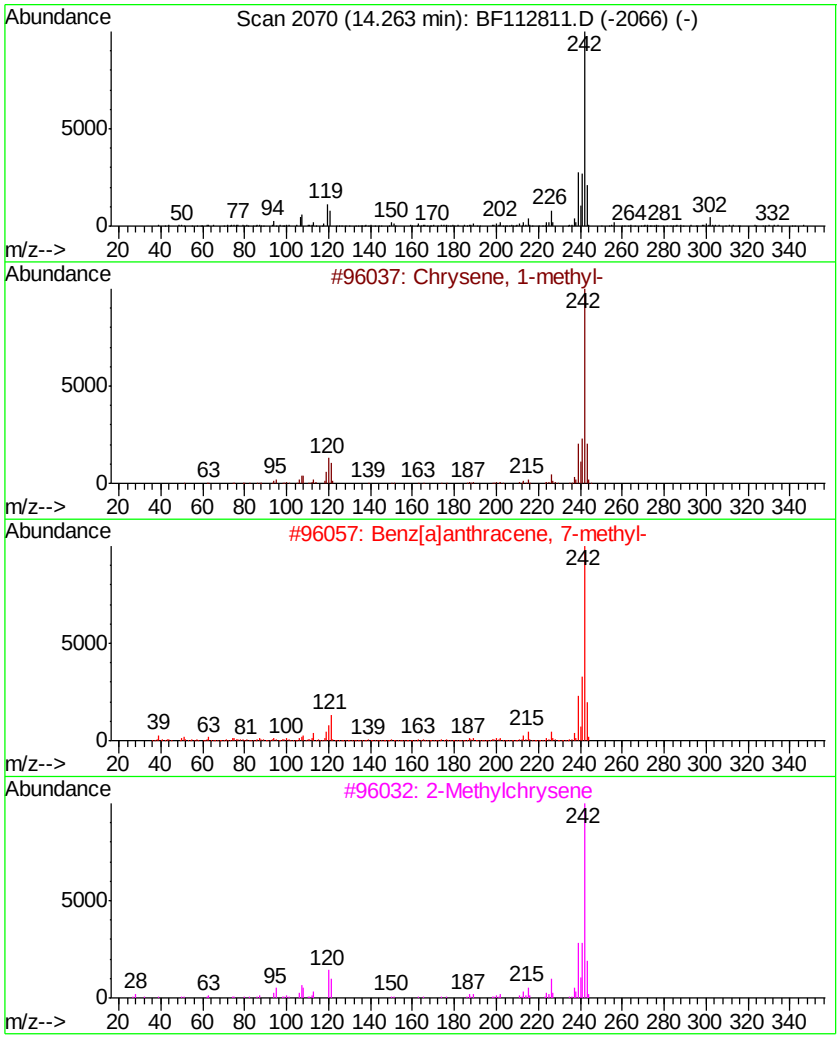
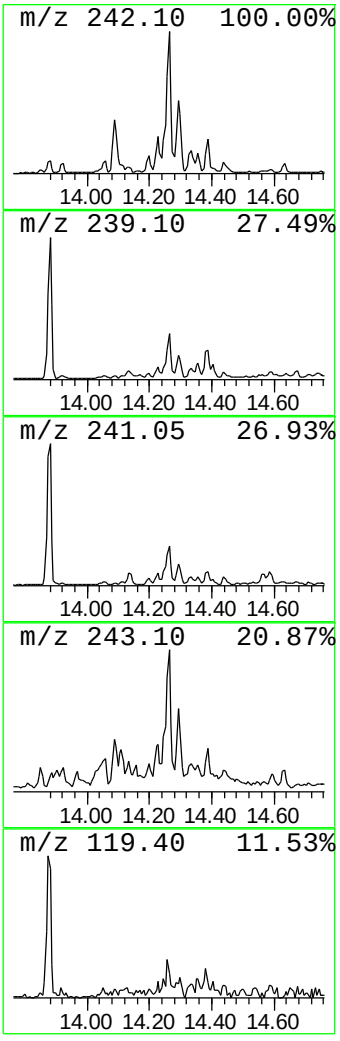
Peak Number 17 Chrysene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	2.10 ng	276242	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
3	2-Methylchrysene	242	C19H14	003351-32-4	86
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	86
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	70





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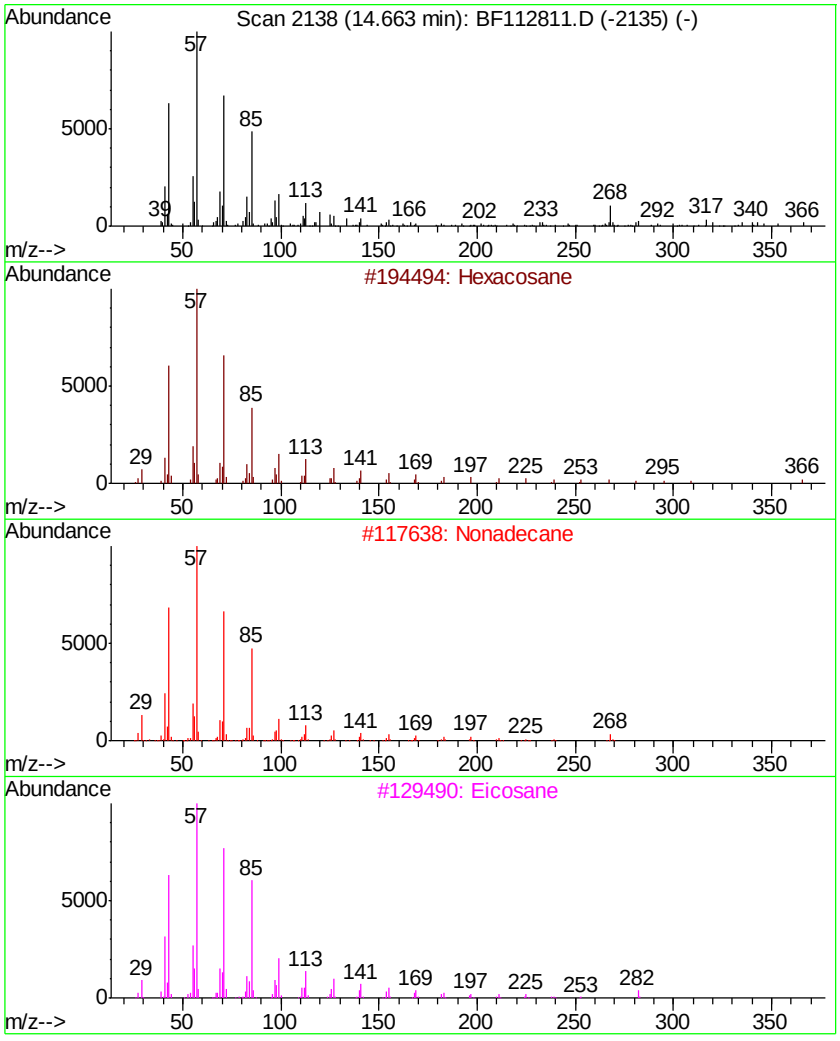
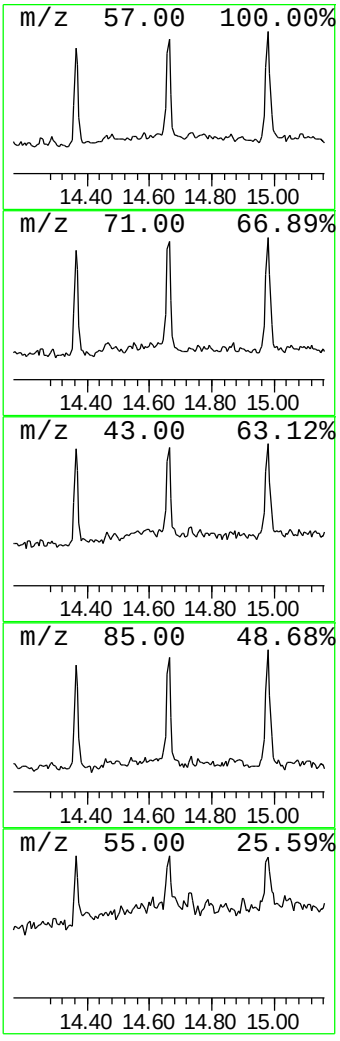
Peak Number 18 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.24 ng	143548	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Heneicosane	296	C21H44	000629-94-7	83





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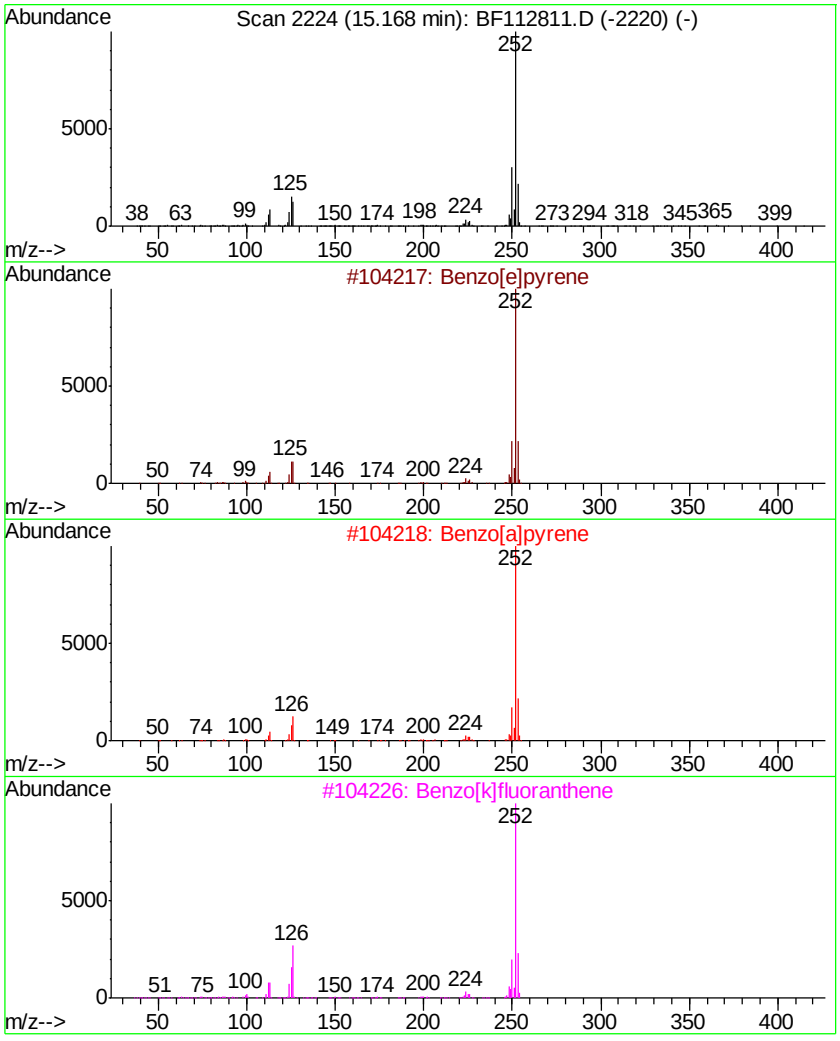
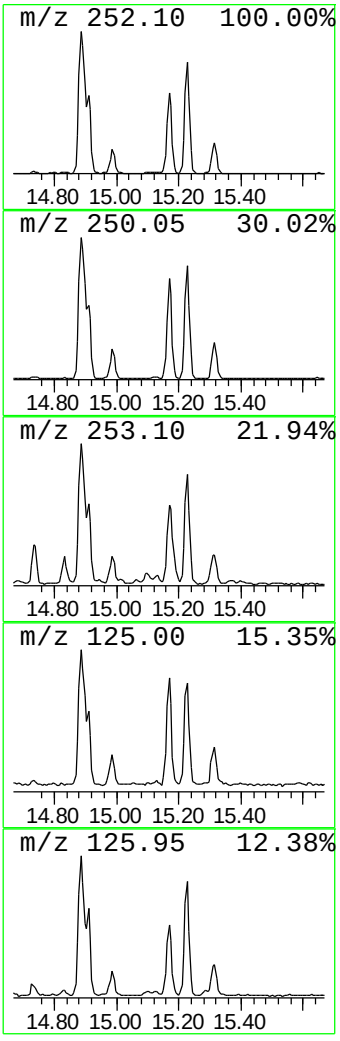
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	13.25 ng	587823	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112811.D
Acq On : 1 Mar 2019 20:26
Operator : JU/SJ
Sample : K1675-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-2-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.51	6.51	71.1	ng	3314770	1	6.75	931860	20.0
9H-Fluoren-9-one	11.05	2.4	ng	138041	4	11.25	1158900	20.0
Phenanthrene, 2-m...	11.75	4.2	ng	244097	4	11.25	1158900	20.0
n-Hexadecanoic acid	11.79	12.1	ng	703338	4	11.25	1158900	20.0
4H-Cyclopenta[def...	11.86	6.5	ng	373474	4	11.25	1158900	20.0
Anthracene, 1-met...	11.89	2.6	ng	150471	4	11.25	1158900	20.0
Naphthalene, 1-ph...	12.05	3.3	ng	188096	4	11.25	1158900	20.0
9,10-Anthracenedione	12.06	3.8	ng	222163	4	11.25	1158900	20.0
Phenanthrene, 2,5...	12.30	4.0	ng	229437	4	11.25	1158900	20.0
Cyclopenta(def)ph...	12.38	3.7	ng	213274	4	11.25	1158900	20.0
8-Amino-6,7-dimet...	12.51	2.3	ng	131647	4	11.25	1158900	20.0
Pyrene, 1-methyl-	12.90	2.1	ng	283676	5	13.88	2635920	20.0
11H-Benzo[a]fluor...	13.52	2.5	ng	329452	5	13.88	2635920	20.0
Benzo[b]naphtho[2...	13.62	2.7	ng	361130	5	13.88	2635920	20.0
Chrysene, 1-methyl-	14.26	2.1	ng	276242	5	13.88	2635920	20.0
Hexacosane	14.66	3.2	ng	143548	6	15.29	887152	20.0
Benzo[e]pyrene	15.17	13.3	ng	587823	6	15.29	887152	20.0