LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111470.D
Acq On : 15 Dec 2018 15:58
Operator : JU/SJ
Sample : J6316-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.998	491	495	506	rVB	113297	154495	4.58%	0.357%
2	5.422	562	567	570	rBV	3039437	2864694	84.99%	6.624%
3	6.434	735	739	755	rBV	2985404	3370490	100.00%	7.793%
4	6.569	757	762	765	rBV	3444727	3103511	92.08%	7.176%
5	6.793	796	800	809	rBV	1174024	933226	27.69%	2.158%
6	6.951	823	827	830	rBV	3004331	2427806	72.03%	5.614%
7	7.351	890	895	898	rBV	2140904	1955368	58.01%	4.521%
8	8.075	1014	1018	1021	rBV	1416544	1179913	35.01%	2.728%
9	8.787	1136	1139	1146	rVB	46388	42689	1.27%	0.099%
10	8.886	1152	1156	1164	rVB	62709	54514	1.62%	0.126%
11	9.151	1197	1201	1204	rBV	4175168	3314771	98.35%	7.665%
12	9.486	1255	1258	1261	rBV	70431	74274	2.20%	0.172%
13	9.545	1265	1268	1276	rVB	362249	340689	10.11%	0.788%
14	9.686	1287	1292	1297	rVB	68574	64269	1.91%	0.149%
15	9.828	1310	1316	1319	rBV2	1449340	1272367	37.75%	2.942%
16	9.857	1319	1321	1325	rVB	172567	168511	5.00%	0.390%
17	10.033	1347	1351	1355	rBV	136651	127072	3.77%	0.294%
18	10.239	1380	1386	1388	rBV2	27979	40098	1.19%	0.093%
19	10.375	1406	1409	1415	rBV	224444	194482	5.77%	0.450%
20	10.533	1433	1436	1440	rVB	64677	60071	1.78%	0.139%
21	10.616	1446	1450	1457	rBV	1593111	1448840	42.99%	3.350%
22	10.722	1465	1468	1470	rBV	101934	110522	3.28%	0.256%
23	10.739	1470	1471	1478	rVB3	58662	55535	1.65%	0.128%
24	10.922	1495	1502	1505	rBV5	53125	92822	2.75%	0.215%
25	11.051	1520	1524	1526	rBV3	36708	43977	1.30%	0.102%
26	11.116	1532	1535	1539	rVB	104594	99957	2.97%	0.231%
27	11.163	1539	1543	1546	rBV3	39925	57885	1.72%	0.134%
28	11.210	1549	1551	1556	rVB	106172	95299	2.83%	0.220%
29	11.310	1565	1568	1570	rBV	1022697	979728	29.07%	2.265%
30	11.339	1570	1573	1576	rVV	1851801	1603155	47.56%	3.707%
31	11.386	1578	1581	1585	rVV	430105	369984	10.98%	0.855%
32	11.422	1585	1587	1591	rVB2	47376	43559	1.29%	0.101%
33	11.539	1602	1607	1610	rBV2	141447	168541	5.00%	0.390%
34	11.645	1622	1625	1630	rVB2	56399	49928	1.48%	0.115%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6316-09
Misc :
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Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.816	1650	1654	1656	rBV	208216	201019	5.96%	0.465%
36	11.845	1656	1659	1664	rVV	793557	795383	23.60%	1.839%
37	11.886	1664	1666	1669	rVV	127108	131127	3.89%	0.303%
38	11.927	1669	1673	1675	rVV	301358	349820	10.38%	0.809%
39	11.945	1675	1676	1680	rVB	142600	111402	3.31%	0.258%
40	12.110	1701	1704	1706	rBV	128499	117263	3.48%	0.271%
41	12.133	1706	1708	1712	rVB2	89093	80239	2.38%	0.186%
42	12.257	1724	1729	1732	rBV3	56524	65502	1.94%	0.151%
43	12.363	1744	1747	1750	rBV	104972	110011	3.26%	0.254%
44	12.404	1750	1754	1759	rVB4	65486	103985	3.09%	0.240%
45	12.445	1759	1761	1767	rVB3	89686	103818	3.08%	0.240%
46	12.527	1771	1775	1778	rBV	1646773	1449222	43.00%	3.351%
47	12.563	1778	1781	1784	rBV2	75509	72606	2.15%	0.168%
48	12.627	1788	1792	1798	rBV2	309167	434376	12.89%	1.004%
49	12.751	1807	1813	1817	rBV	1354972	1462424	43.39%	3.381%
50	12.798	1819	1821	1827	rVB2	69164	92195	2.74%	0.213%
51	12.874	1831	1834	1835	rBV	72079	75644	2.24%	0.175%
52	12.898	1835	1838	1846	rVB	2322927	2047912	60.76%	4.735%
53	12.974	1846	1851	1854	rBV4	90820	141501	4.20%	0.327%
54	13.057	1862	1865	1866	rBV2	69764	62824	1.86%	0.145%
55	13.080	1866	1869	1872	rVB	182074	173507	5.15%	0.401%
56	13.145	1877	1880	1883	rVB2	103077	98374	2.92%	0.227%
57	13.186	1883	1887	1889	rBV	141715	159101	4.72%	0.368%
58	13.274	1900	1902	1905	rBV	67357	57921	1.72%	0.134%
59	13.310	1905	1908	1912	rBV2	69657	76333	2.26%	0.176%
60	13.480	1931	1937	1939	rBV6	52775	94698	2.81%	0.219%
61	13.586	1952	1955	1960	rVB	131633	142548	4.23%	0.330%
62	13.698	1970	1974	1977	rBV2	120584	167895	4.98%	0.388%
63	13.727	1977	1979	1981	rVV	116883	101878	3.02%	0.236%
64	13.751	1981	1983	1987	rVV3	110298	141274	4.19%	0.327%
65	13.804	1987	1992	1998	rVB3	294687	478390	14.19%	1.106%
66	13.945	2009	2016	2019	rBV2	1204368	1845036	54.74%	4.266%
67	13.974	2019	2021	2030	rVB	700585	672936	19.97%	1.556%
68	14.057	2032	2035	2037	rVB	101450	82309	2.44%	0.190%
69	14.174	2051	2055	2058	rVB2	62042	87076	2.58%	0.201%
70	14.298	2074	2076	2078	rBV2	51868	54569	1.62%	0.126%
71	14.339	2080	2083	2086	rVV	151874	161477	4.79%	0.373%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6316-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.368	2086	2088	2092	rVB2	94519	85929	2.55%	0.199%
73	14.427	2096	2098	2101	rVB3	62013	63039	1.87%	0.146%
74	14.974	2187	2191	2194	rBV	579423	814624	24.17%	1.884%
75	15.057	2202	2205	2207	rBV2	73578	82415	2.45%	0.191%
76	15.080	2207	2209	2215	rVB	114472	105011	3.12%	0.243%
77	15.268	2237	2241	2247	rVB	311673	421482	12.51%	0.975%
78	15.327	2247	2251	2256	rBV	457556	531710	15.78%	1.229%
79	15.392	2257	2262	2265	rBV	624614	772060	22.91%	1.785%
80	15.421	2265	2267	2273	rVB3	169011	207360	6.15%	0.479%
81	15.851	2337	2340	2345	rVB3	86983	119286	3.54%	0.276%
82	16.804	2497	2502	2510	rBV2	137903	278154	8.25%	0.643%
83	17.227	2570	2574	2582	rVB2	98275	200525	5.95%	0.464%

Sum of corrected areas: 43248232

LSC Report - Integrated Chromatogram

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Data File : BF111470.D
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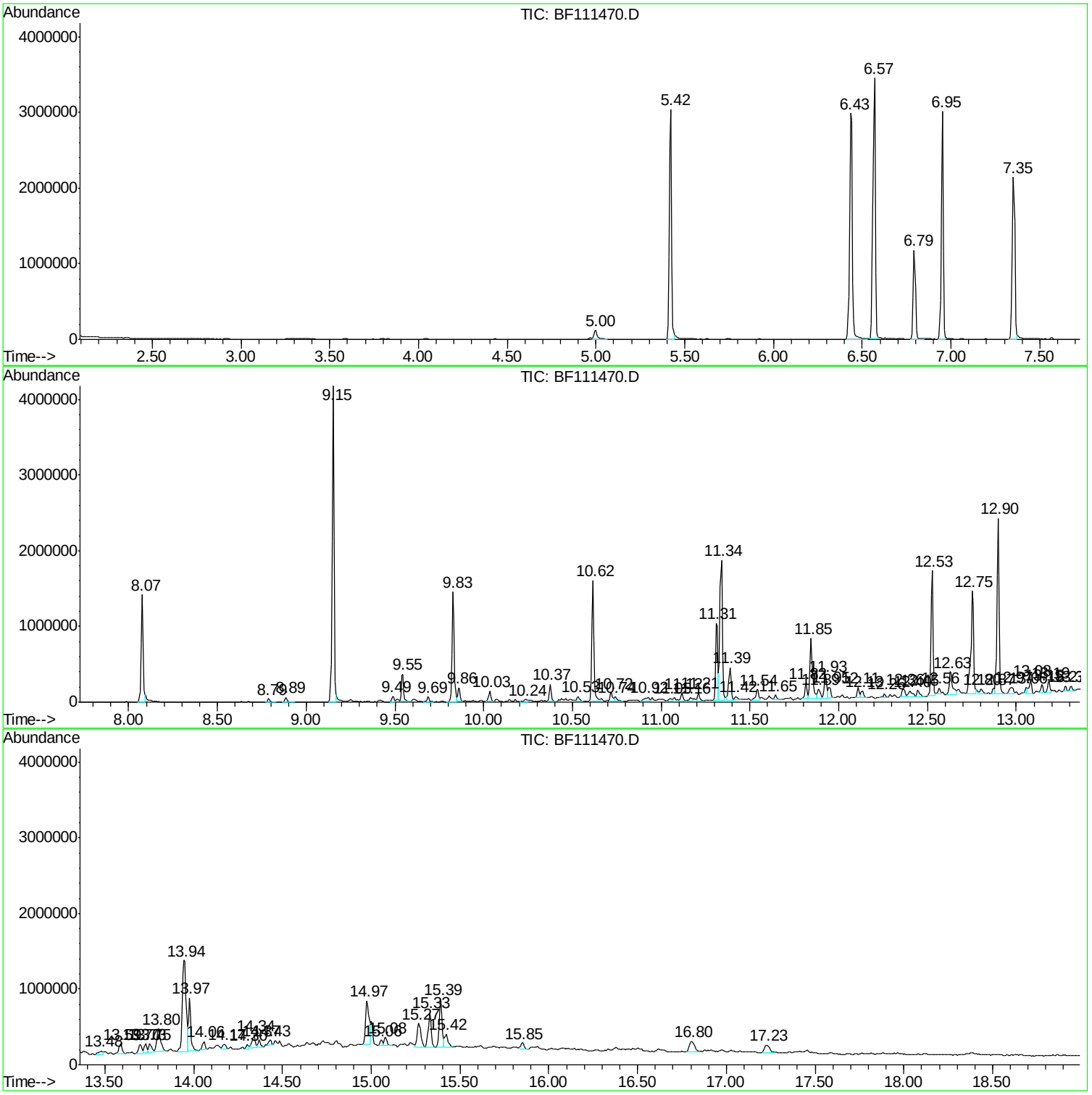
Operator : JU/SJ
Sample : J6316-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121518\
Data File : BF111470.D
Acq On : 15 Dec 2018 15:58
Operator : JU/SJ
Sample : J6316-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

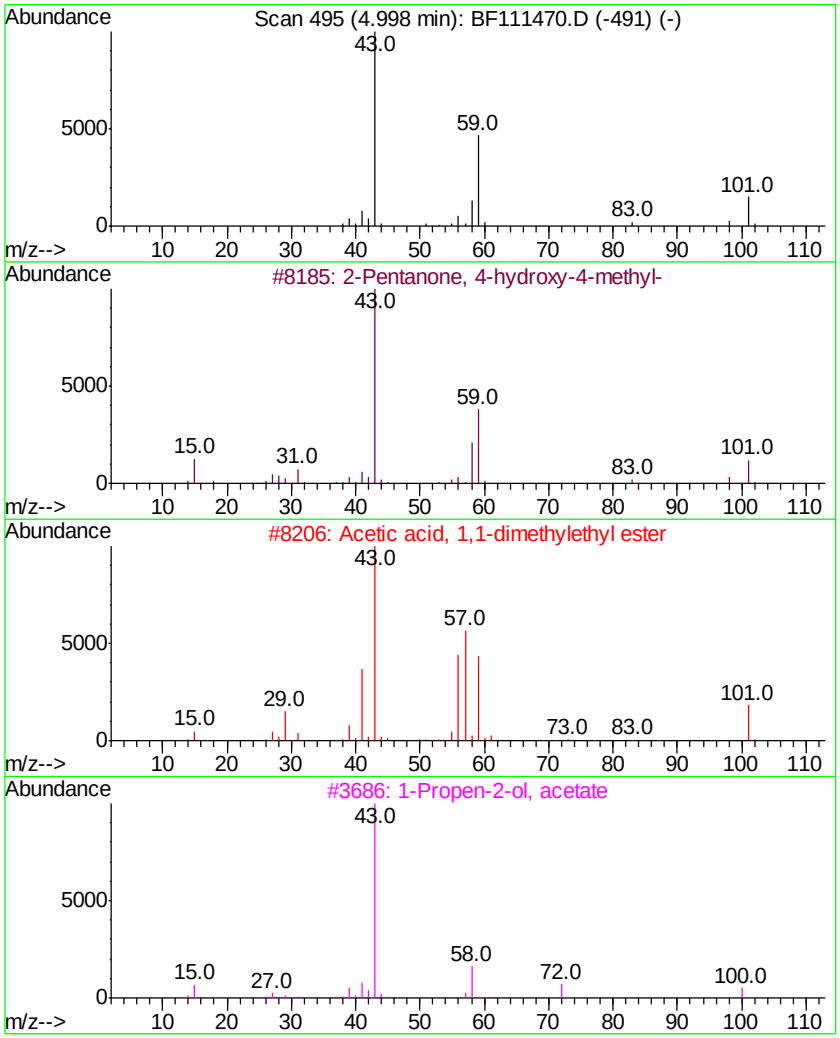
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

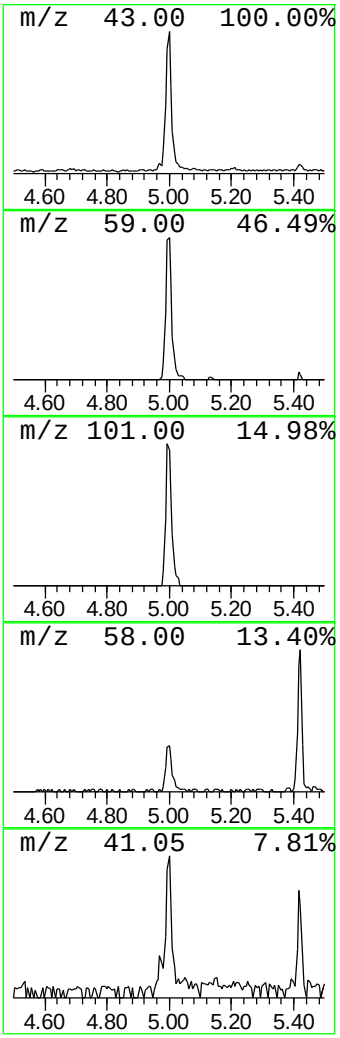
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.31 ng	154495	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	7





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
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Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

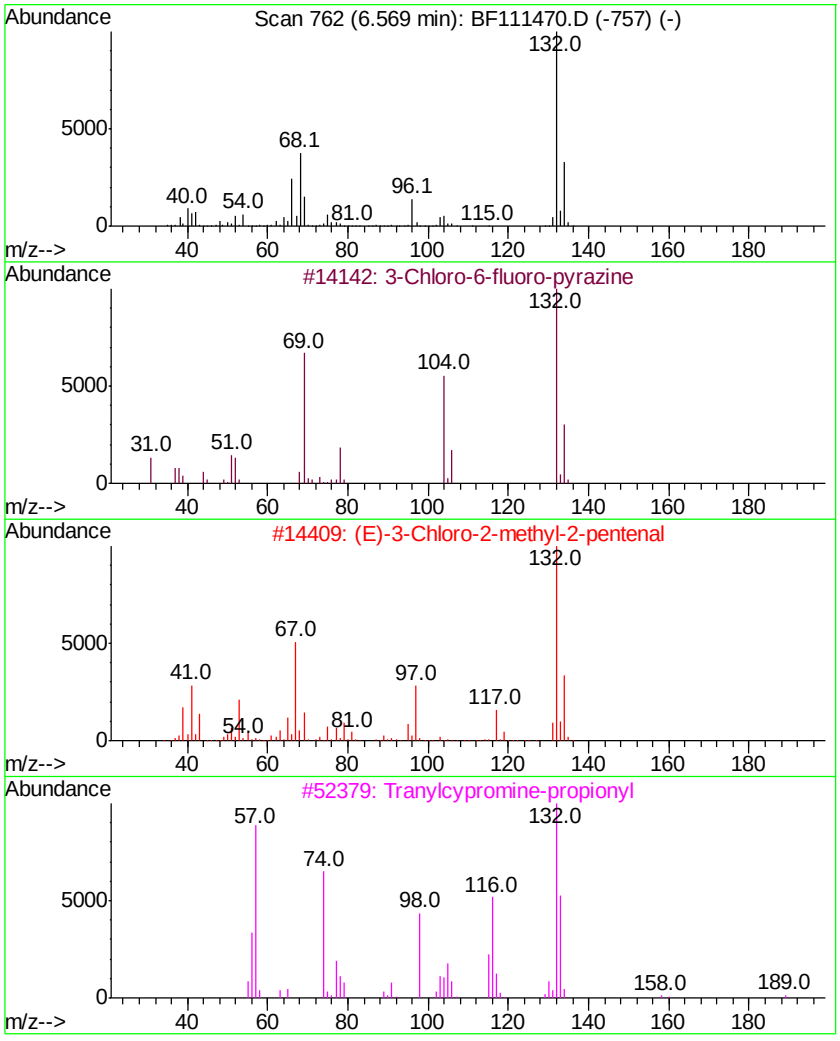
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

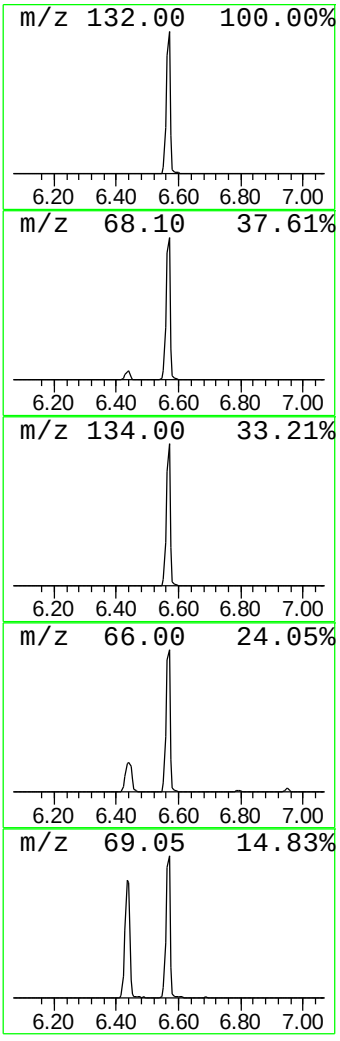
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	66.51 ng	3103510	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

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Data File : BF111470.D
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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-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

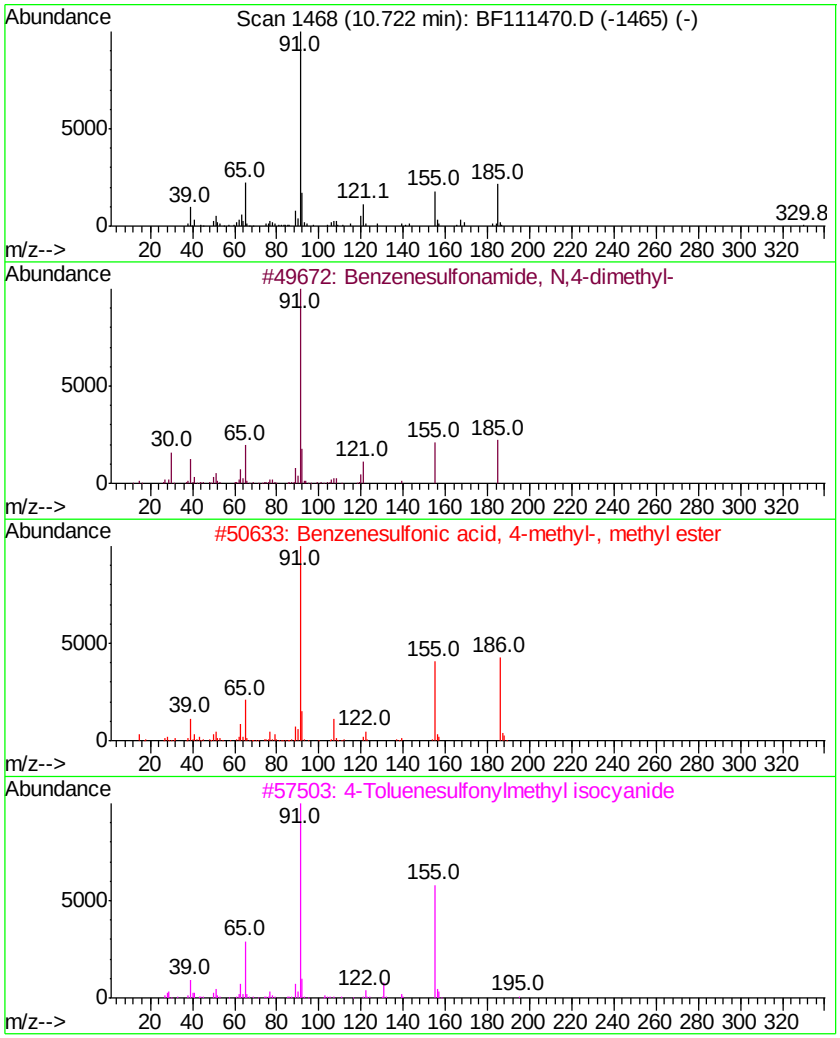
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

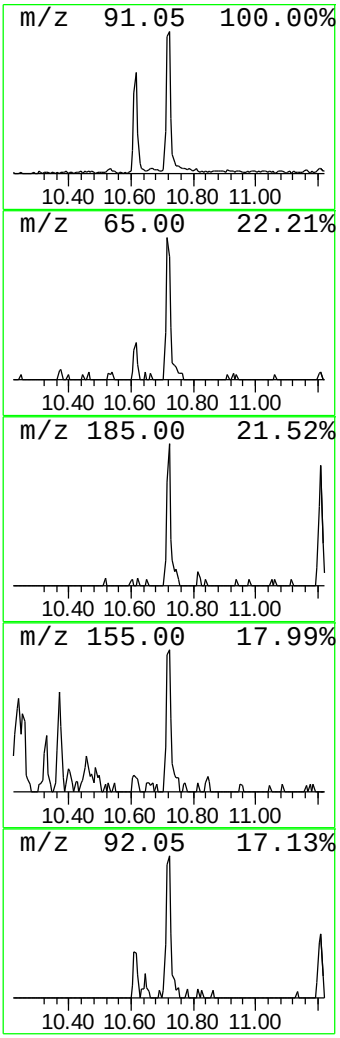
****

Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.26 ng	110522	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	96
2	Benzenesulfonic acid, 4-methyl-,...	186	C8H10O3S	000080-48-8	50
3	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	46
5	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	43





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
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TIC Library : C:\DATABASE\NIST11.L
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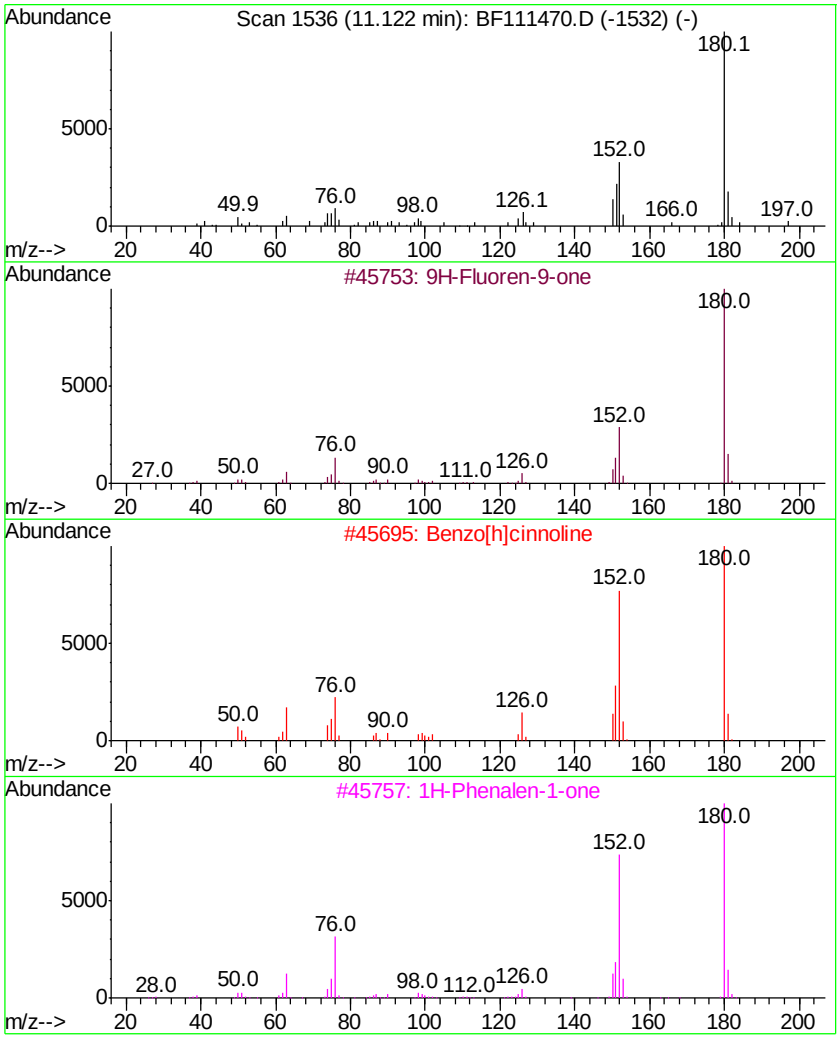
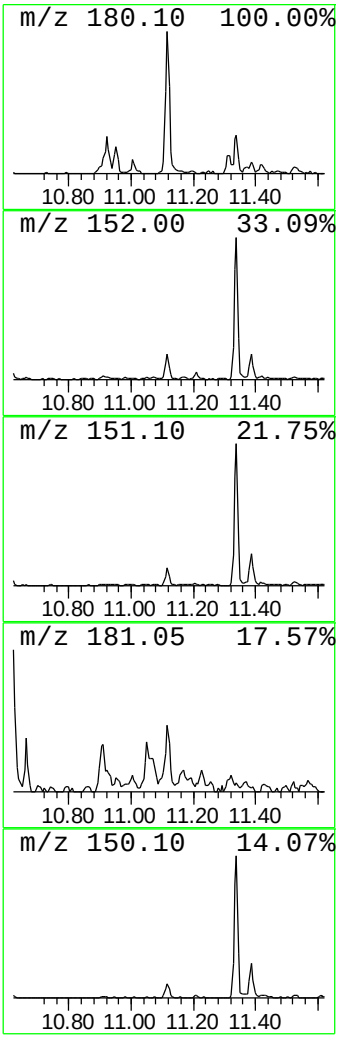
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	2.04 ng	99957	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	72
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
4	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	47
5	Benzene, 1-isothiocyanato-4-nitro-	180	C7H4N2O2S	002131-61-5	43





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

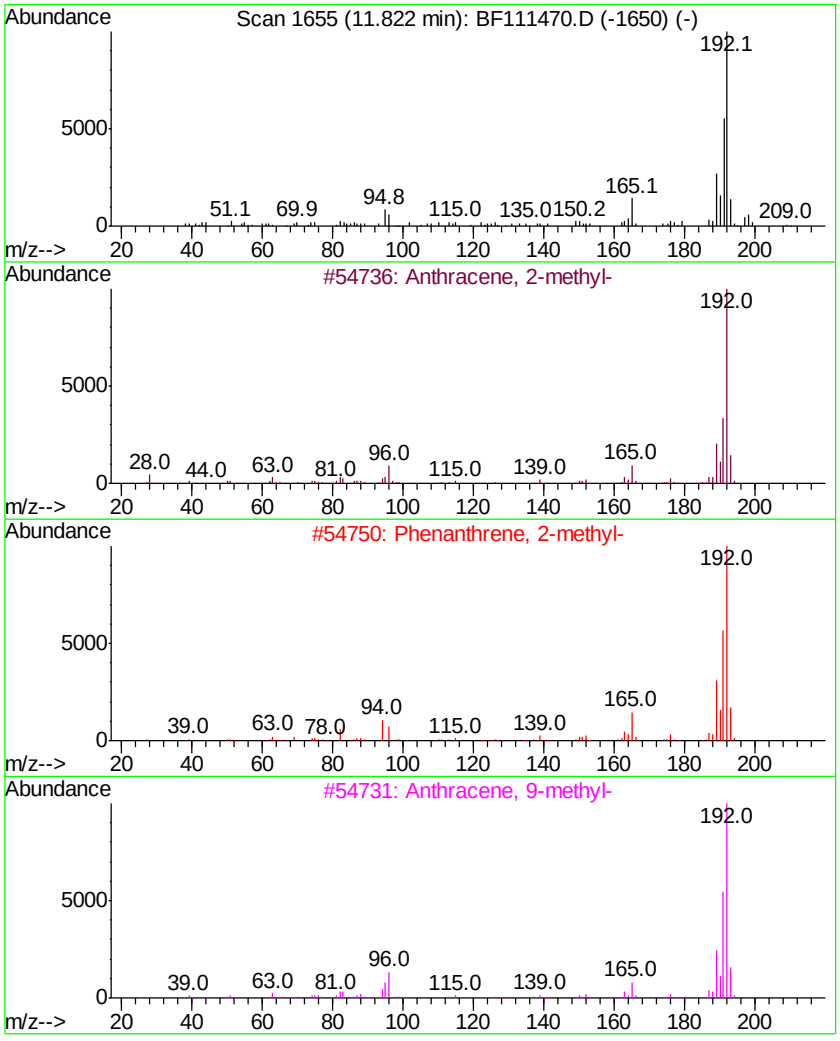
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

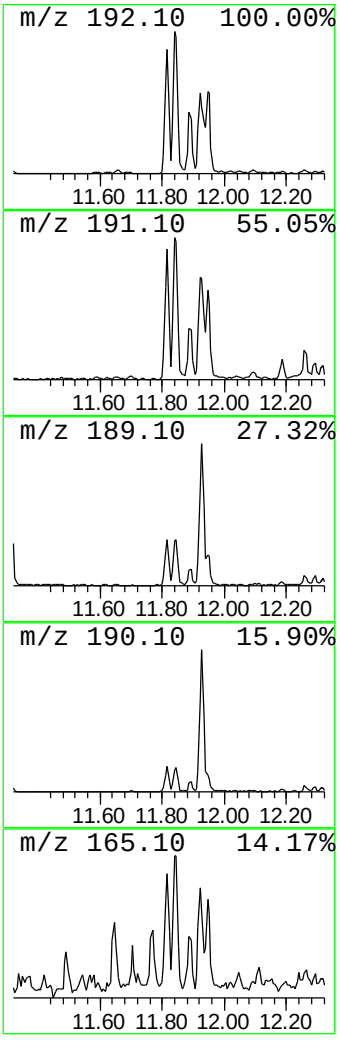
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.10 ng	201019	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

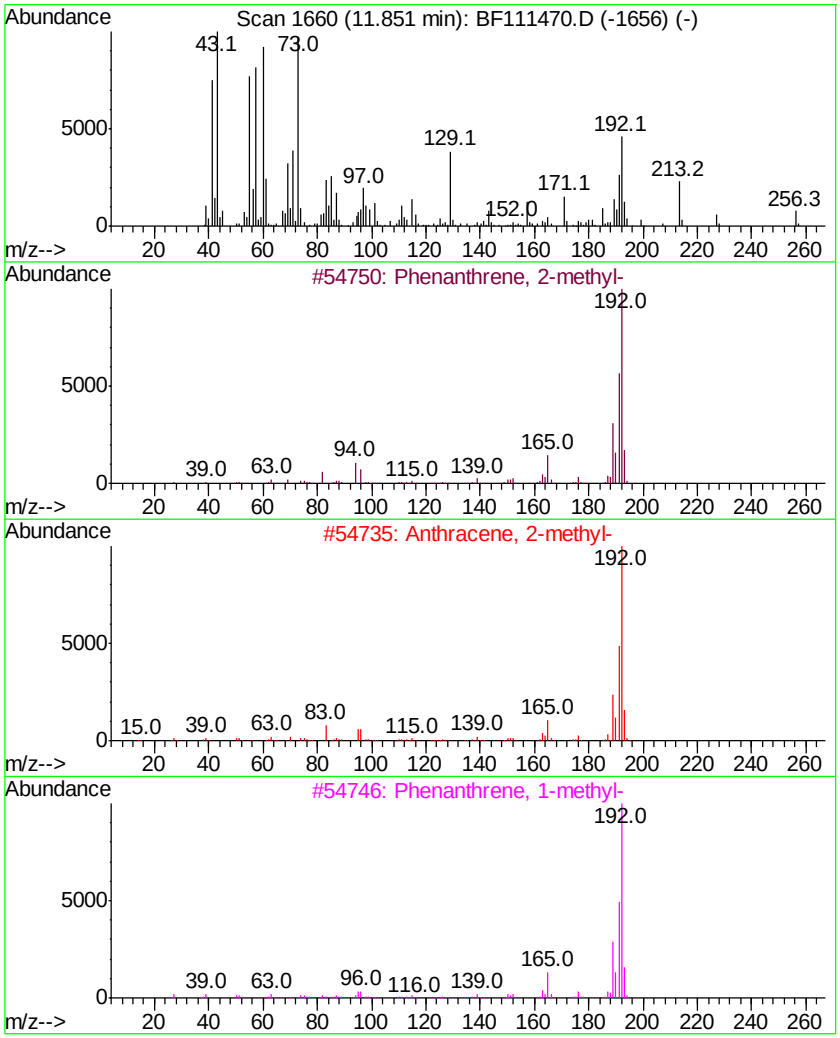
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

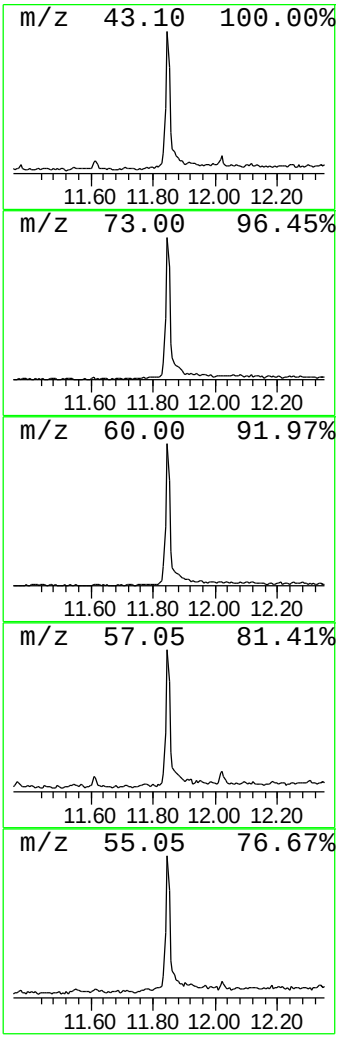
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	16.24 ng	795383	Phenanthrene-d10	11.31

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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Data File : BF111470.D
Acq On : 15 Dec 2018 15:58
Operator : JU/SJ
Sample : J6316-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

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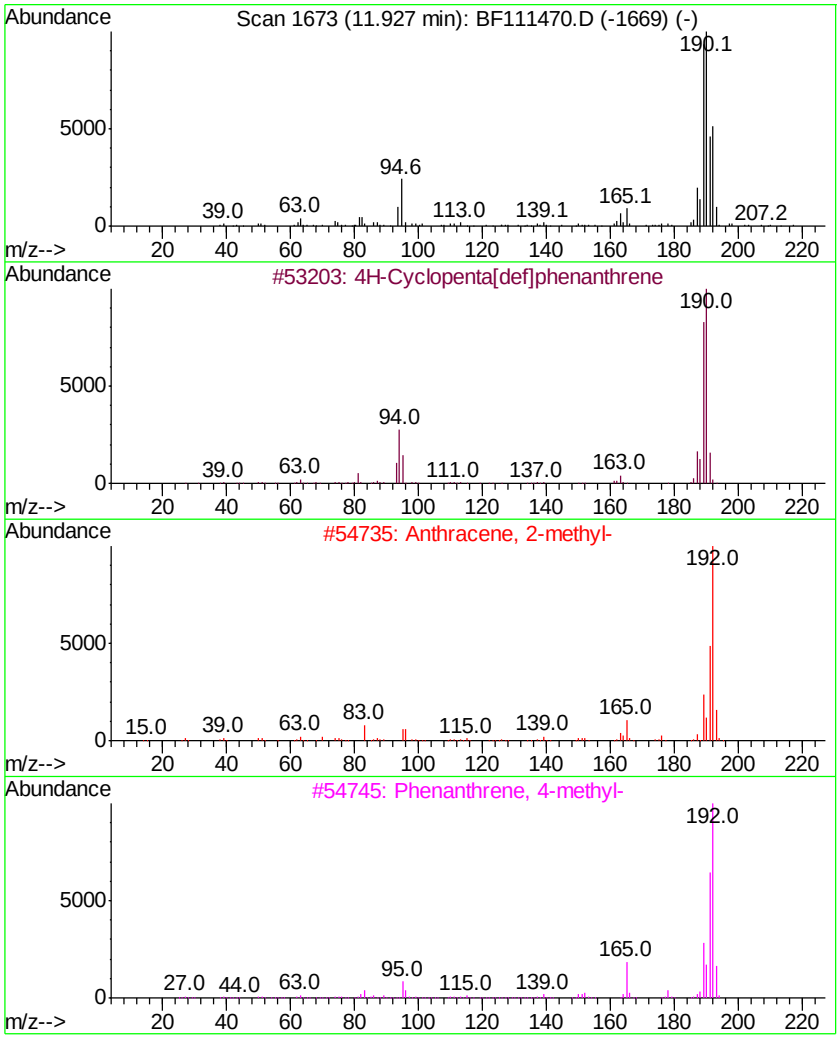
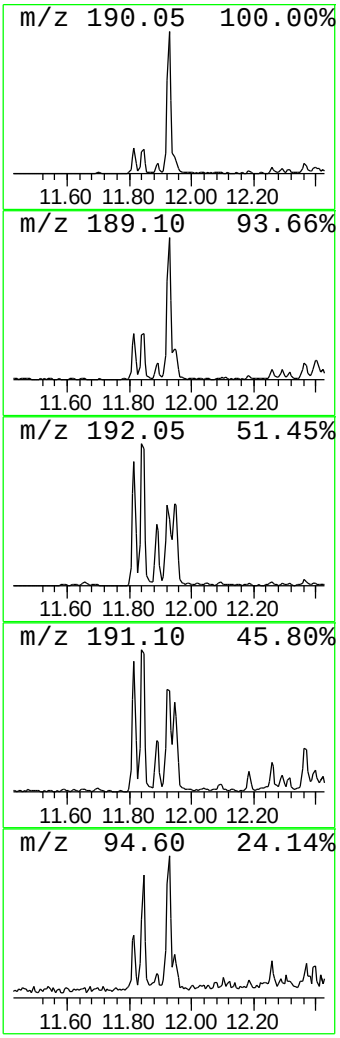
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	7.14 ng	349820	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	15





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Sample : J6316-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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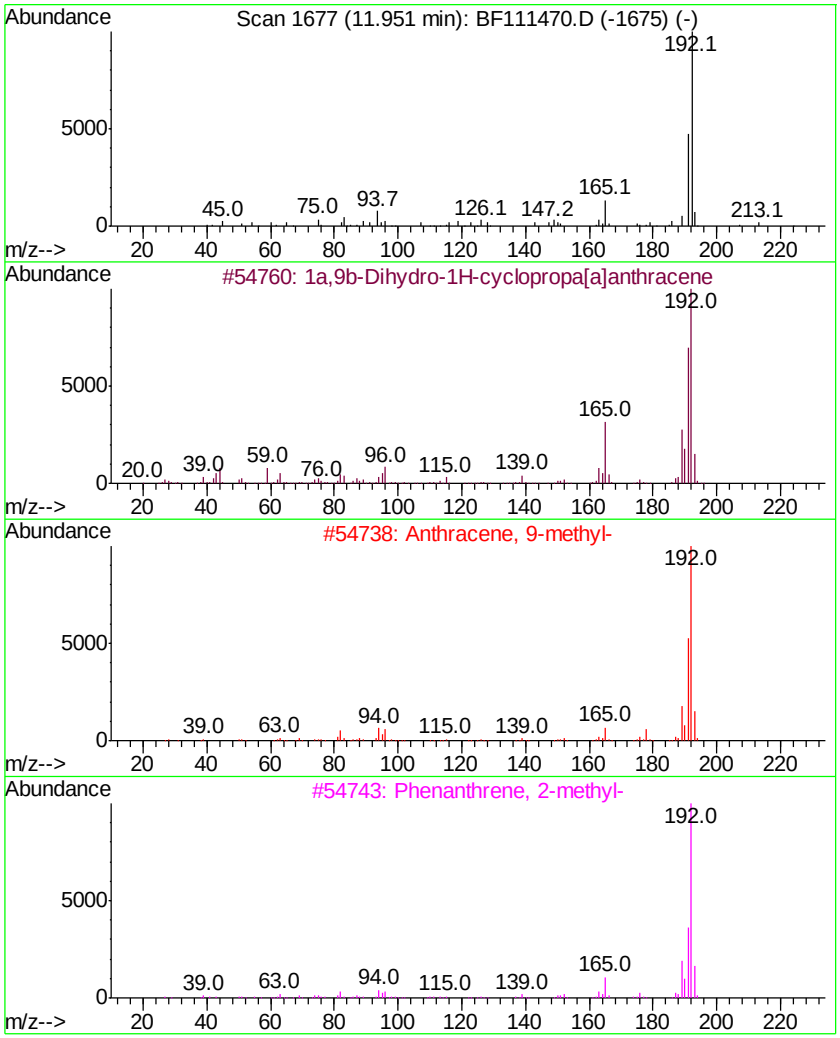
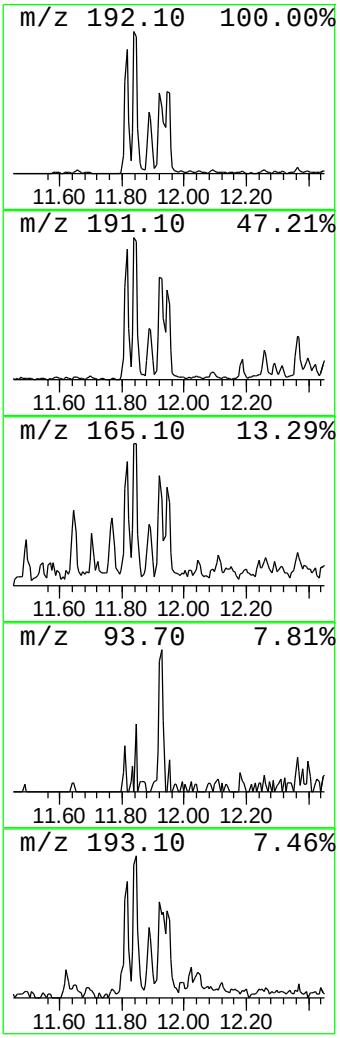
Peak Number 10 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.27 ng	111402	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	80
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	72





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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

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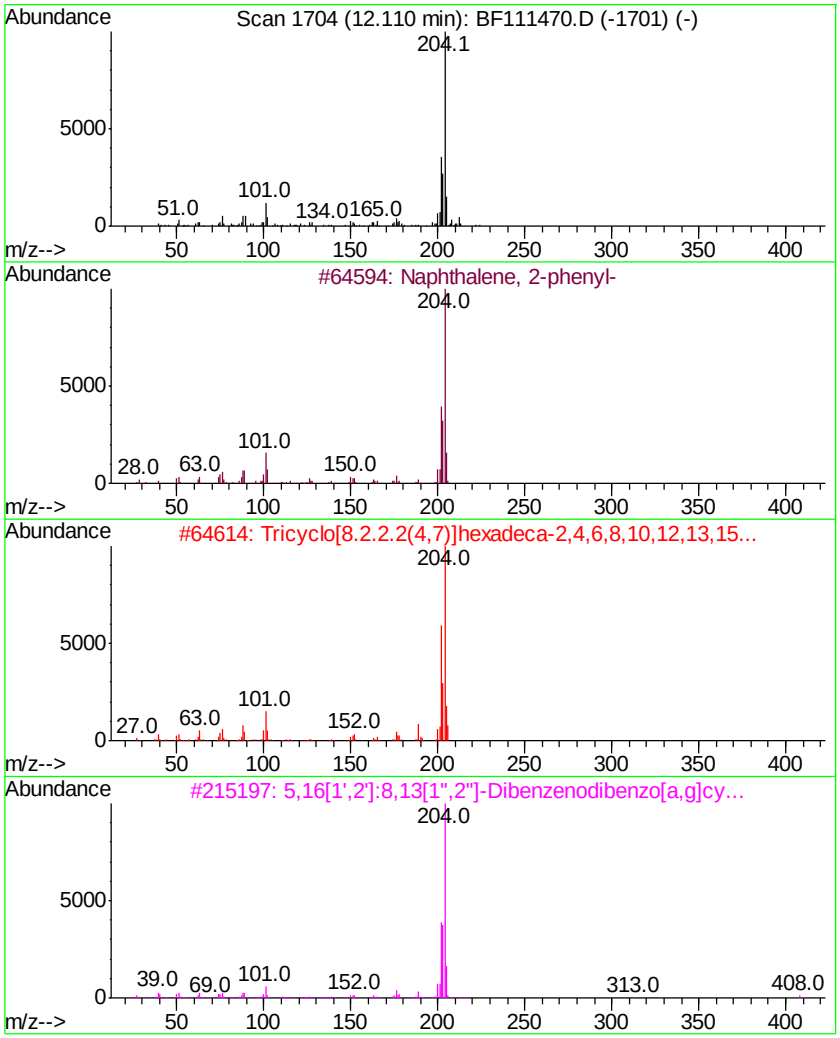
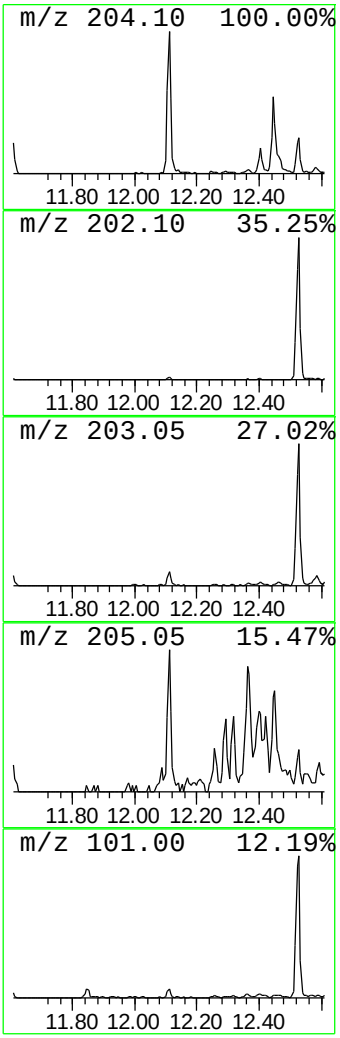
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.39 ng	117263	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	58





Library Search Compound Report

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Sample : J6316-09
Misc :
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Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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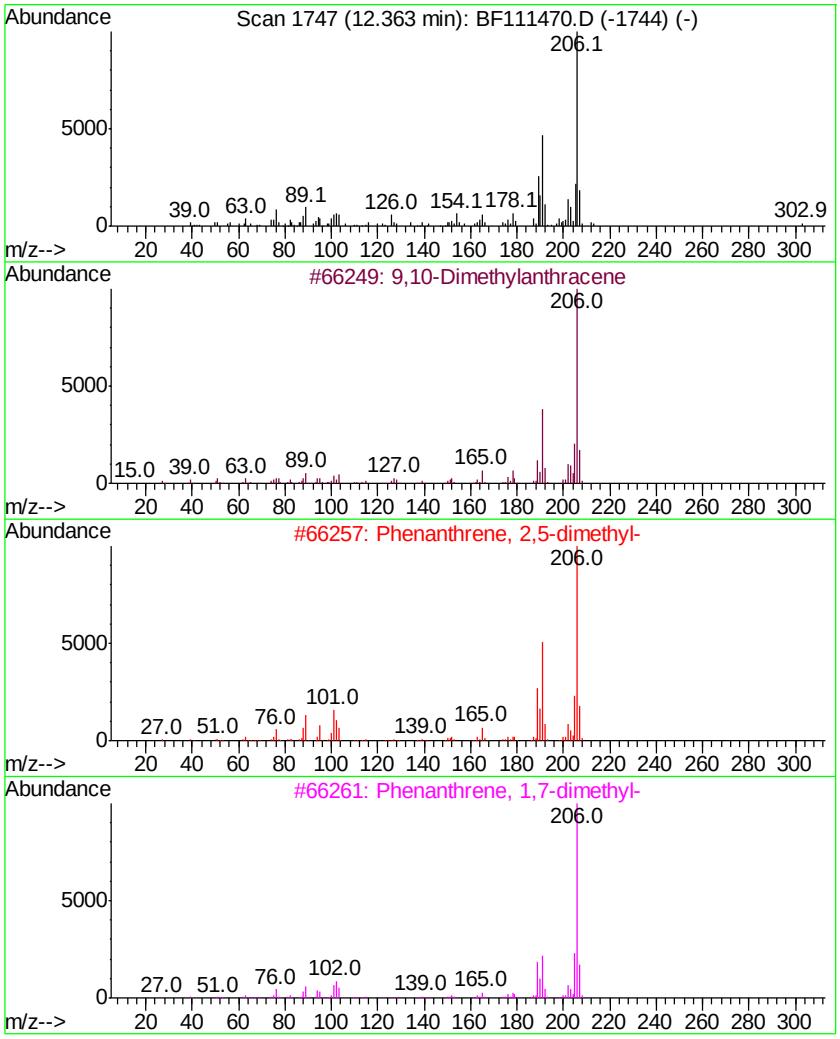
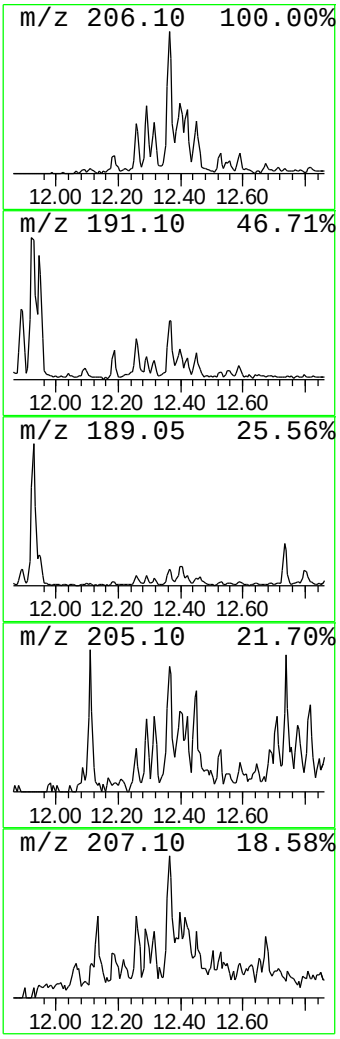
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.25 ng	110011	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

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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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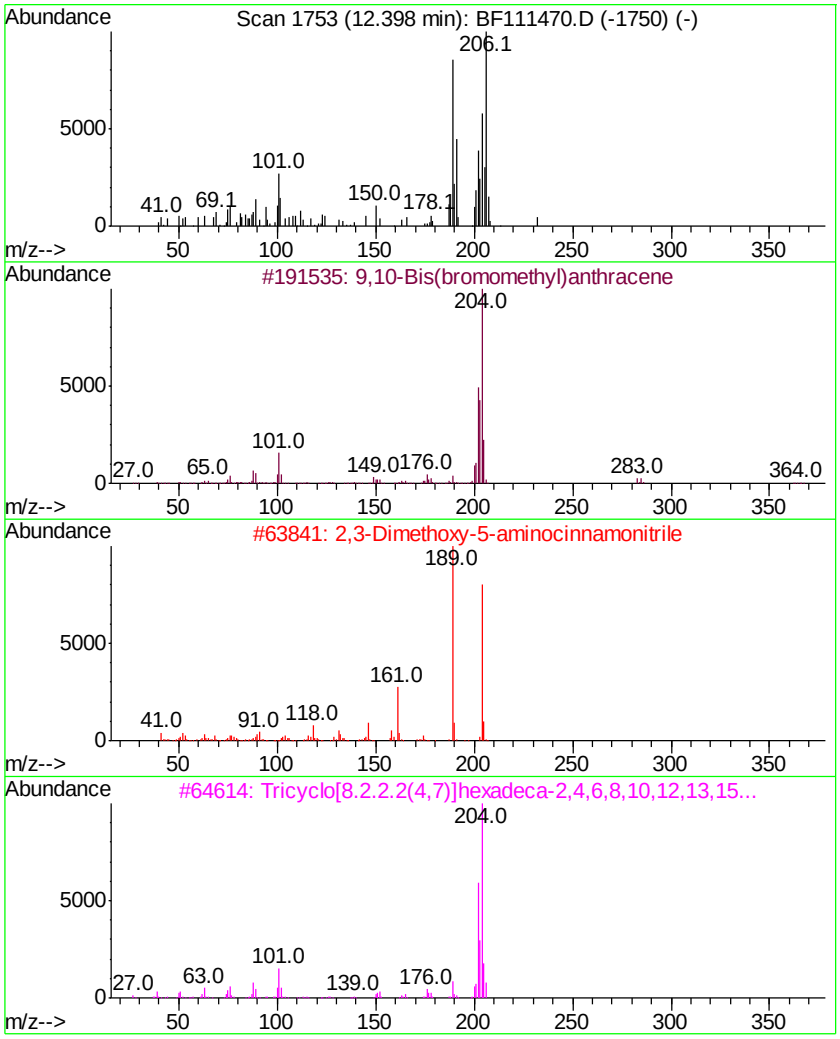
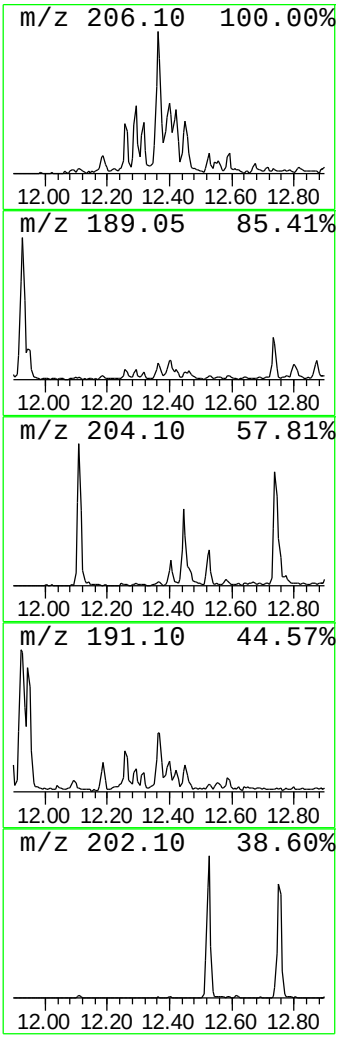
Peak Number 13 unknown12.40 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.12 ng	103985	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
2	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	35
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	35
4	Pyrimidin-2(1H)-thione, 3,4-dihy...	204	C11H12N2S	030570-19-5	35
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	27





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Sample : J6316-09
Misc :
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Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

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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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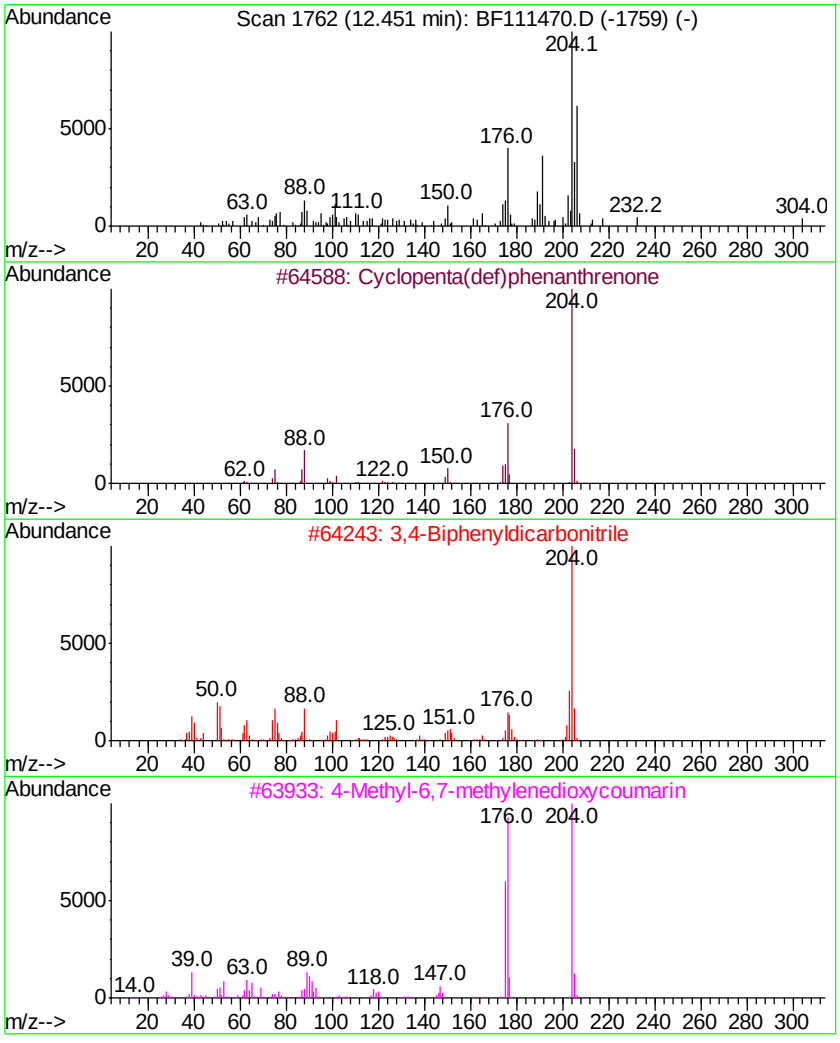
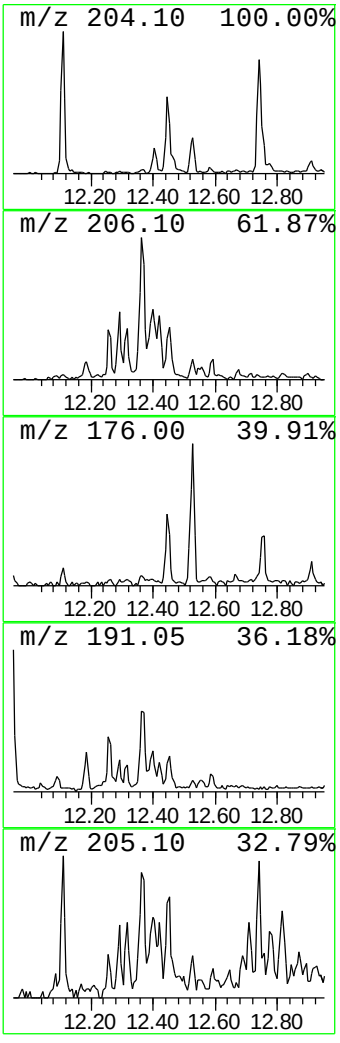
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.12 ng	103818	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	47
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
5	4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	47





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Sample : J6316-09
Misc :
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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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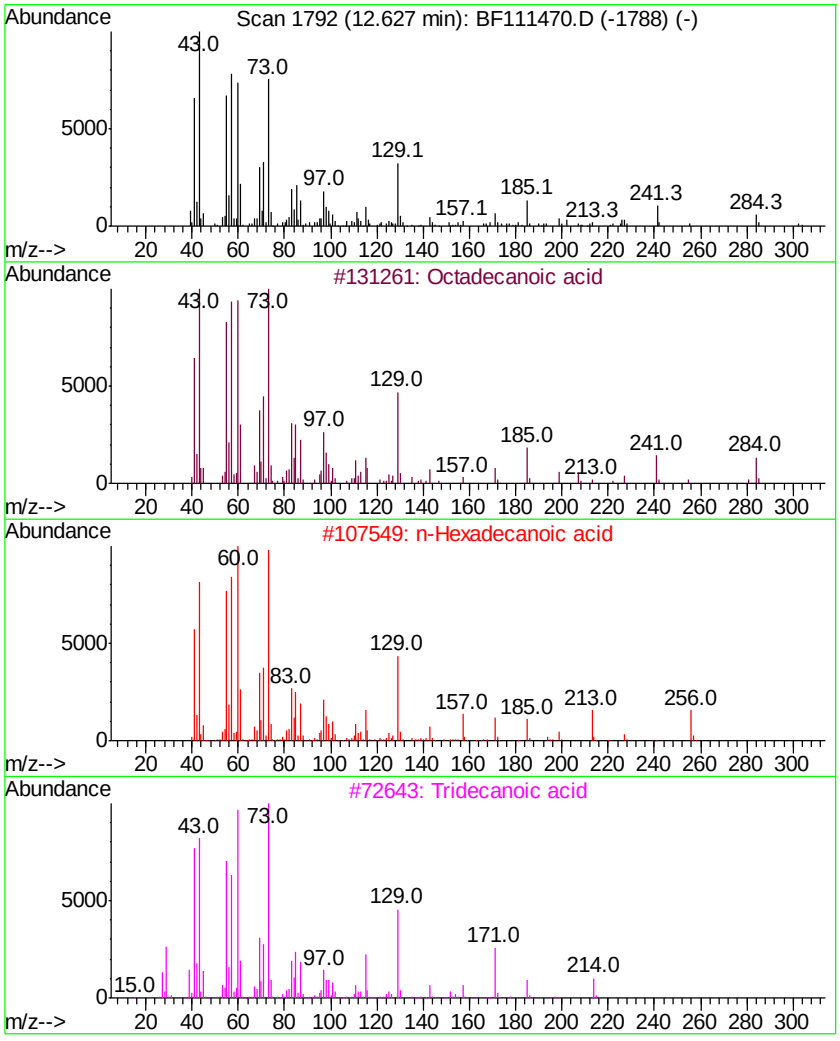
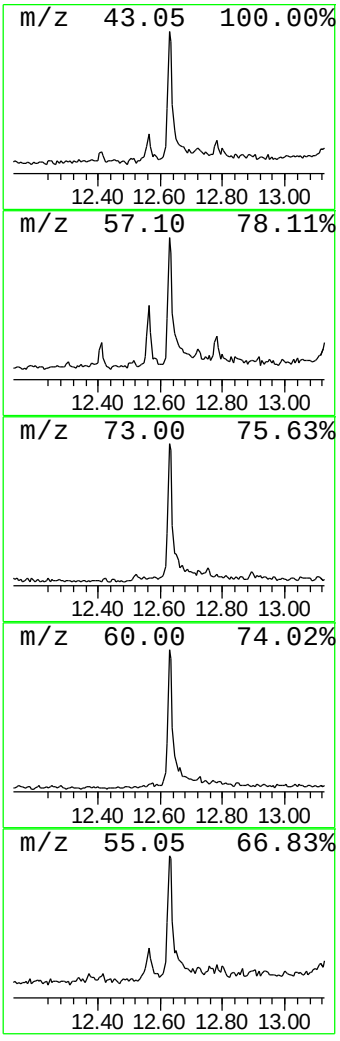
Peak Number 15 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	8.87 ng	434376	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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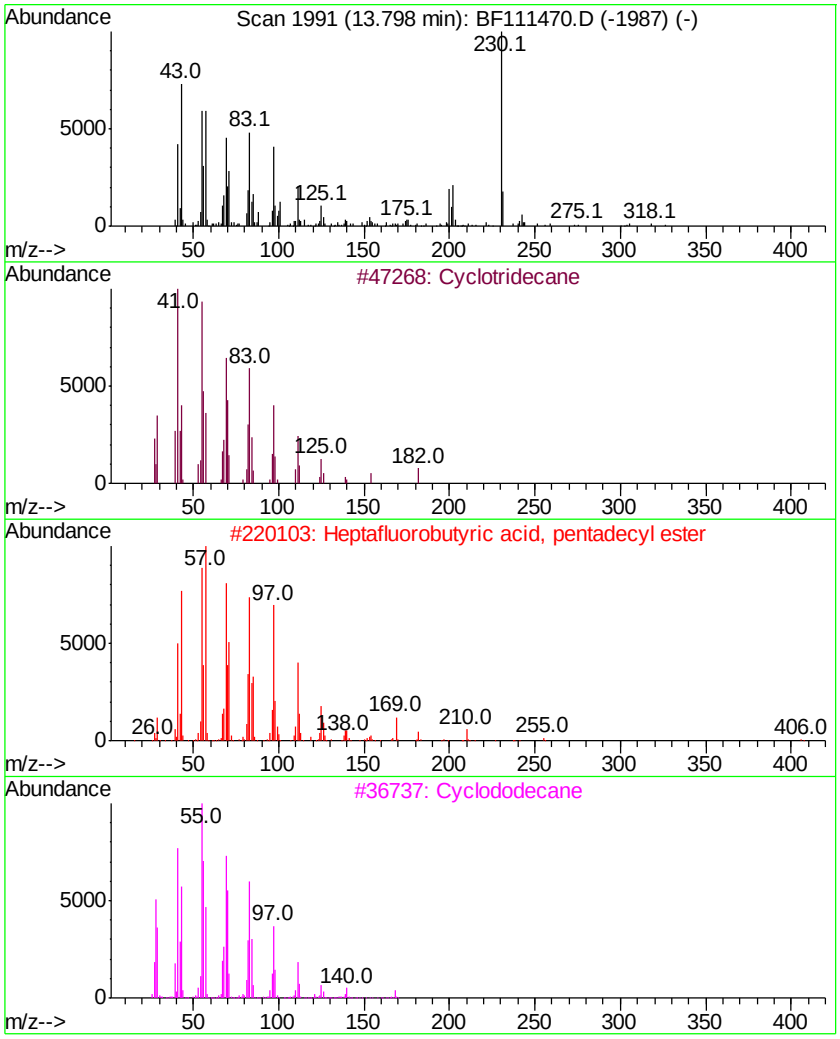
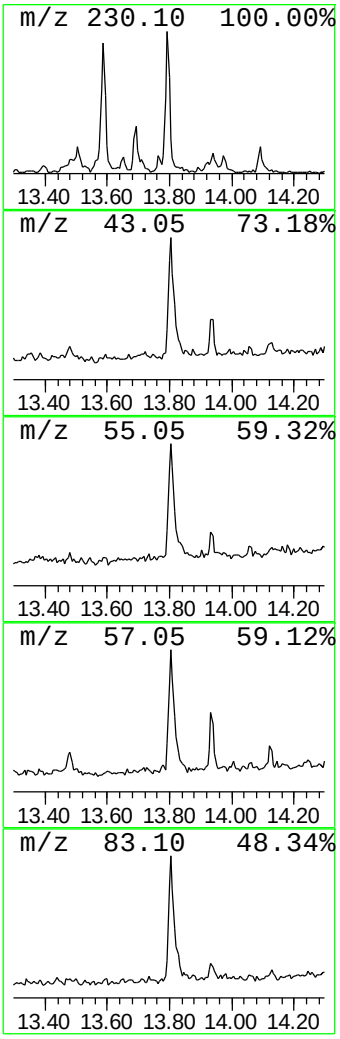
Peak Number 16 Cyclotridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.19 ng	478390	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotridecane	182	C13H26	000295-02-3	91
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
3	Cyclododecane	168	C12H24	000294-62-2	89
4	1-Docosene	308	C22H44	001599-67-3	87
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87





Library Search Compound Report

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Sample : J6316-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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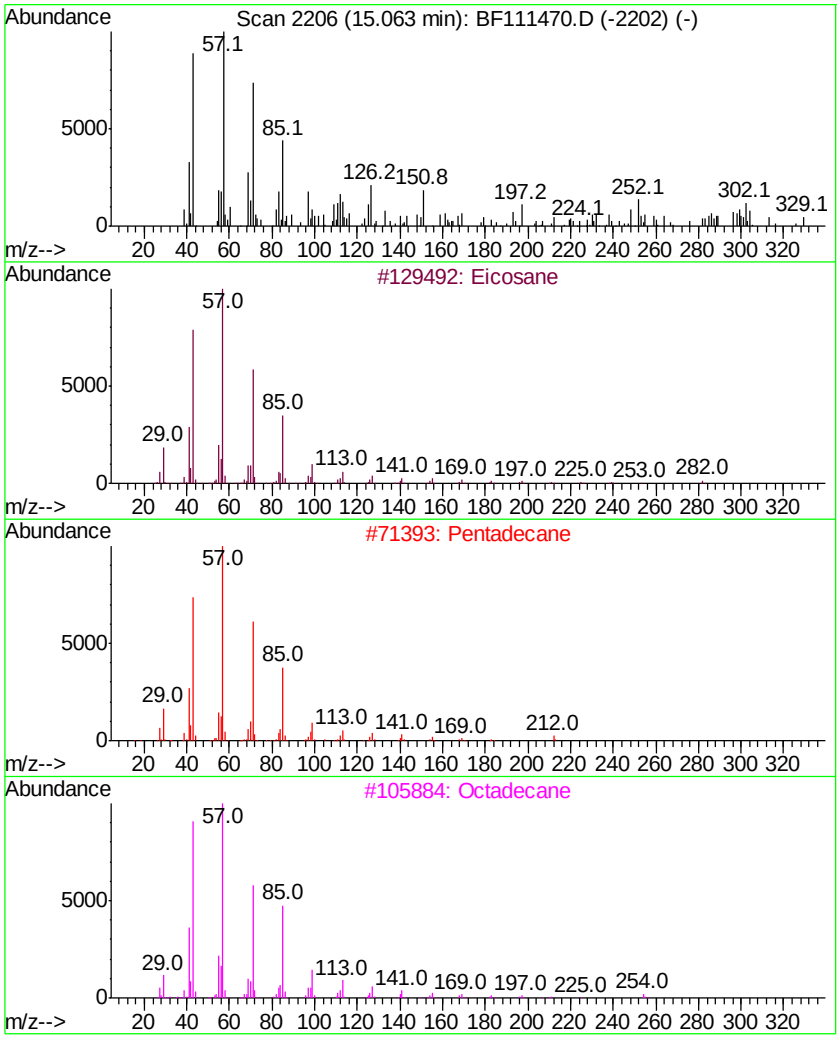
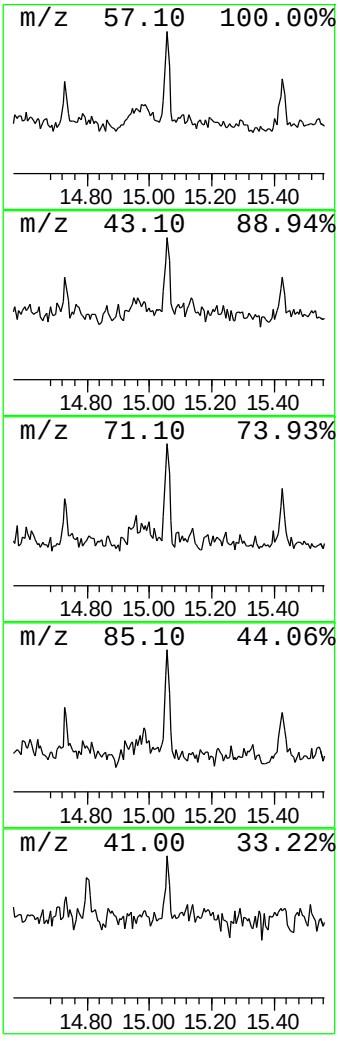
Peak Number 17 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.13 ng	82415	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	80
2	Pentadecane	212	C15H32	000629-62-9	70
3	Octadecane	254	C18H38	000593-45-3	70
4	Heneicosane	296	C21H44	000629-94-7	70
5	Nonadecane	268	C19H40	000629-92-5	52





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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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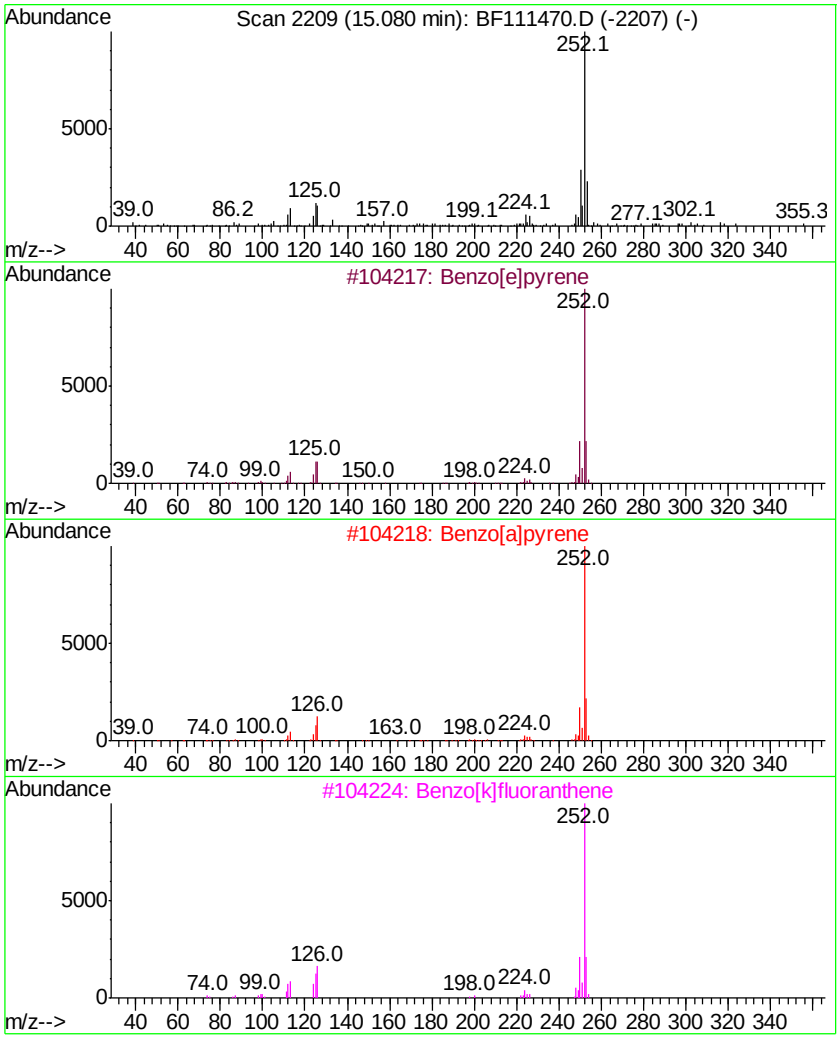
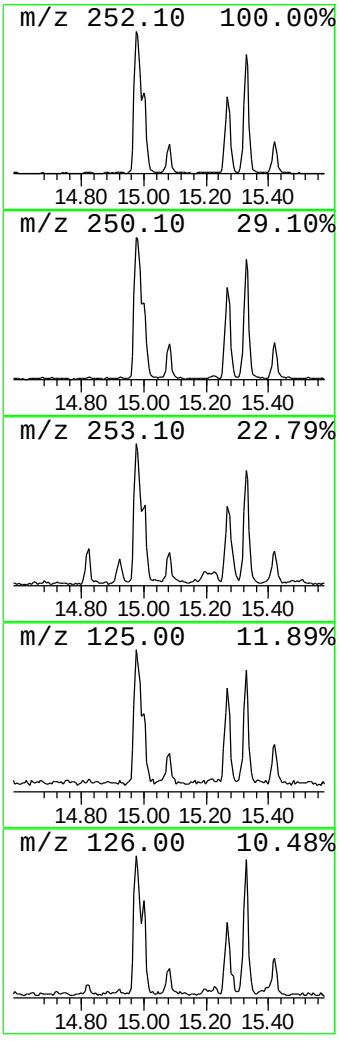
Peak Number 18 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.72 ng	105011	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

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Data File : BF111470.D
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Operator : JU/SJ
Sample : J6316-09
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

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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
2-Pentanone, 4-hy...	5.00	3.3	ng	154495	1	6.79	933226	20.0
unknown6.57	6.57	66.5	ng	3103510	1	6.79	933226	20.0
Benzenesulfonamid...	10.72	2.3	ng	110522	4	11.31	979728	20.0
9H-Fluoren-9-one	11.12	2.0	ng	99957	4	11.31	979728	20.0
Anthracene, 2-met...	11.82	4.1	ng	201019	4	11.31	979728	20.0
Phenanthrene, 2-m...	11.85	16.2	ng	795383	4	11.31	979728	20.0
4H-Cyclopenta[def...	11.93	7.1	ng	349820	4	11.31	979728	20.0
1a,9b-Dihydro-1H-...	11.95	2.3	ng	111402	4	11.31	979728	20.0
Naphthalene, 2-ph...	12.11	2.4	ng	117263	4	11.31	979728	20.0
9,10-Dimethylanth...	12.36	2.3	ng	110011	4	11.31	979728	20.0
unknown12.40	12.40	2.1	ng	103985	4	11.31	979728	20.0
Cyclopenta(def)ph...	12.45	2.1	ng	103818	4	11.31	979728	20.0
Octadecanoic acid	12.63	8.9	ng	434376	4	11.31	979728	20.0
Cyclotridecane	13.80	5.2	ng	478390	5	13.95	1845040	20.0
Eicosane	15.06	2.1	ng	82415	6	15.39	772060	20.0
Benzo[e]pyrene	15.08	2.7	ng	105011	6	15.39	772060	20.0