LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110976.D
Acq On : 26 Nov 2018 21:01
Operator : JU/SJ
Sample : J5770-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-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-BF112618.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	2.210	17	21	33	rVB	44508	65188	8.51%	0.541%
2	5.175	522	525	536	rBV	7240	14565	1.90%	0.121%
3	5.563	587	591	623	rBV	304649	496848	64.90%	4.127%
4	6.569	758	762	782	rBV	341739	542985	70.92%	4.510%
5	6.710	782	786	799	rVB	558011	545642	71.27%	4.532%
6	6.939	821	825	837	rBV	340729	334011	43.63%	2.774%
7	7.092	848	851	866	rBV	409035	401357	52.42%	3.334%
8	7.510	918	922	938	rBV	171853	283896	37.08%	2.358%
9	8.222	1039	1043	1060	rBV	335246	416132	54.35%	3.457%
10	8.945	1162	1166	1176	rBB	13104	18181	2.37%	0.151%
11	9.039	1179	1182	1191	rBV	19341	22632	2.96%	0.188%
12	9.292	1222	1225	1233	rBV	518077	474627	61.99%	3.942%
13	9.569	1268	1272	1278	rBV2	14993	21868	2.86%	0.182%
14	9.639	1280	1284	1286	rVV	28316	30340	3.96%	0.252%
15	9.669	1286	1289	1290	rVV	20676	19330	2.52%	0.161%
16	9.692	1290	1293	1301	rVB	44175	51027	6.67%	0.424%
17	9.757	1301	1304	1312	rVB	13857	19584	2.56%	0.163%
18	9.845	1314	1319	1323	rBV2	26923	28831	3.77%	0.239%
19	9.980	1338	1342	1346	rBV	409361	370793	48.43%	3.080%
20	10.016	1346	1348	1353	rVB	54534	53351	6.97%	0.443%
21	10.086	1356	1360	1364	rBV2	7090	9882	1.29%	0.082%
22	10.192	1372	1378	1381	rBV2	23563	35614	4.65%	0.296%
23	10.222	1381	1383	1391	rVB	14789	15579	2.03%	0.129%
24	10.292	1391	1395	1398	rBV	13650	14553	1.90%	0.121%
25	10.386	1407	1411	1413	rBV	22726	19983	2.61%	0.166%
26	10.533	1432	1436	1442	rVB	70233	68011	8.88%	0.565%
27	10.598	1442	1447	1449	rBV2	14355	20641	2.70%	0.171%
28	10.686	1460	1462	1466	rVB	15620	13314	1.74%	0.111%
29	10.775	1473	1477	1484	rBV	242562	288907	37.74%	2.400%
30	10.869	1488	1493	1495	rBV3	6685	9675	1.26%	0.080%
31	11.080	1522	1529	1532	rBV	24458	31612	4.13%	0.263%
32	11.110	1532	1534	1537	rVV2	17874	17526	2.29%	0.146%
33	11.163	1540	1543	1545	rVV2	12973	12548	1.64%	0.104%
34	11.204	1545	1550	1552	rVV5	10290	13901	1.82%	0.115%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5770-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-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-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.227	1552	1554	1558	rVV2	9839	14152	1.85%	0.118%
36	11.304	1560	1567	1568	rVV5	10144	19097	2.49%	0.159%
37	11.322	1568	1570	1574	rVV2	10340	15962	2.08%	0.133%
38	11.374	1577	1579	1584	rVB	36412	31995	4.18%	0.266%
39	11.474	1593	1596	1598	rBV	403081	363500	47.48%	3.019%
40	11.504	1598	1601	1607	rVB	538952	497518	64.98%	4.133%
41	11.557	1607	1610	1616	rBV	140148	144482	18.87%	1.200%
42	11.721	1634	1638	1643	rBV3	27358	39113	5.11%	0.325%
43	11.763	1643	1645	1648	rVB	12943	10917	1.43%	0.091%
44	11.816	1651	1654	1659	rVB3	20272	22527	2.94%	0.187%
45	11.892	1663	1667	1673	rBV2	13036	18794	2.45%	0.156%
46	11.980	1679	1682	1685	rBV	108233	109226	14.27%	0.907%
47	12.010	1685	1687	1691	rVV	112316	96220	12.57%	0.799%
48	12.057	1693	1695	1698	rBV	43567	38834	5.07%	0.323%
49	12.092	1698	1701	1704	rVV2	143228	168201	21.97%	1.397%
50	12.116	1704	1705	1708	rVB	64329	40053	5.23%	0.333%
51	12.274	1729	1732	1736	rBV	66889	61638	8.05%	0.512%
52	12.321	1736	1740	1743	rVV3	20317	25811	3.37%	0.214%
53	12.386	1746	1751	1752	rBV5	5787	9433	1.23%	0.078%
54	12.421	1752	1757	1760	rBV3	25430	29329	3.83%	0.244%
55	12.457	1760	1763	1765	rBV	27428	20680	2.70%	0.172%
56	12.480	1765	1767	1772	rVB	20984	19601	2.56%	0.163%
57	12.527	1772	1775	1778	rBV	77178	80656	10.54%	0.670%
58	12.569	1778	1782	1788	rVB4	31728	55123	7.20%	0.458%
59	12.616	1788	1790	1791	rBV	23085	19158	2.50%	0.159%
60	12.633	1791	1793	1800	rVB2	41248	54010	7.05%	0.449%
61	12.698	1800	1804	1808	rBV	830089	765594	100.00%	6.359%
62	12.733	1808	1810	1812	rVV	14335	12898	1.68%	0.107%
63	12.757	1812	1814	1819	rVB4	20606	28474	3.72%	0.237%
64	12.798	1819	1821	1826	rBV3	13765	18151	2.37%	0.151%
65	12.851	1826	1830	1837	rBV3	49922	71194	9.30%	0.591%
66	12.910	1837	1840	1841	rVV	141901	128229	16.75%	1.065%
67	12.933	1841	1844	1849	rVV	736731	689797	90.10%	5.730%
68	12.980	1849	1852	1855	rVB	42465	43115	5.63%	0.358%
69	13.057	1862	1865	1868	rBV	570509	474562	61.99%	3.942%
70	13.104	1871	1873	1876	rVB	28049	23189	3.03%	0.193%
71	13.145	1876	1880	1886	rBV2	53995	94091	12.29%	0.782%

LSC Area Percent Report

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Sample : J5770-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.192	1886	1888	1892	rBV3	17107	28195	3.68%	0.234%
73	13.257	1892	1899	1904	rBV	123682	175527	22.93%	1.458%
74	13.298	1904	1906	1907	rBV2	11042	9338	1.22%	0.078%
75	13.327	1907	1911	1913	rBV	82835	77748	10.16%	0.646%
76	13.363	1913	1917	1921	rBV2	63450	89130	11.64%	0.740%
77	13.457	1930	1933	1936	rBV	53728	52265	6.83%	0.434%
78	13.492	1936	1939	1946	rVB2	52066	71128	9.29%	0.591%
79	13.657	1965	1967	1970	rBV3	19475	24291	3.17%	0.202%
80	13.739	1979	1981	1983	rBV3	16709	15753	2.06%	0.131%
81	13.886	2003	2006	2008	rBV	56215	53251	6.96%	0.442%
82	13.904	2008	2009	2011	rVV	55389	36204	4.73%	0.301%
83	13.933	2011	2014	2021	rVB4	67319	108435	14.16%	0.901%
84	14.133	2043	2048	2051	rBV2	423017	631608	82.50%	5.246%
85	14.163	2051	2053	2059	rVB	236224	204483	26.71%	1.699%
86	14.245	2064	2067	2071	rVB	83734	77980	10.19%	0.648%
87	14.521	2112	2114	2117	rBV	45371	31897	4.17%	0.265%
88	14.551	2117	2119	2123	rBV3	51179	56611	7.39%	0.470%
89	14.868	2170	2173	2179	rBV	61491	75407	9.85%	0.626%
90	15.215	2228	2232	2235	rBV	246787	332940	43.49%	2.766%
91	15.539	2284	2287	2294	rVB	88240	107515	14.04%	0.893%
92	15.609	2295	2299	2305	rVB	197468	243408	31.79%	2.022%
93	15.674	2306	2310	2313	rBV	149682	197536	25.80%	1.641%
94	16.062	2373	2376	2381	rVB2	65404	90207	11.78%	0.749%
95	17.268	2577	2581	2589	rVB	53910	109648	14.32%	0.911%

Sum of corrected areas: 12038763

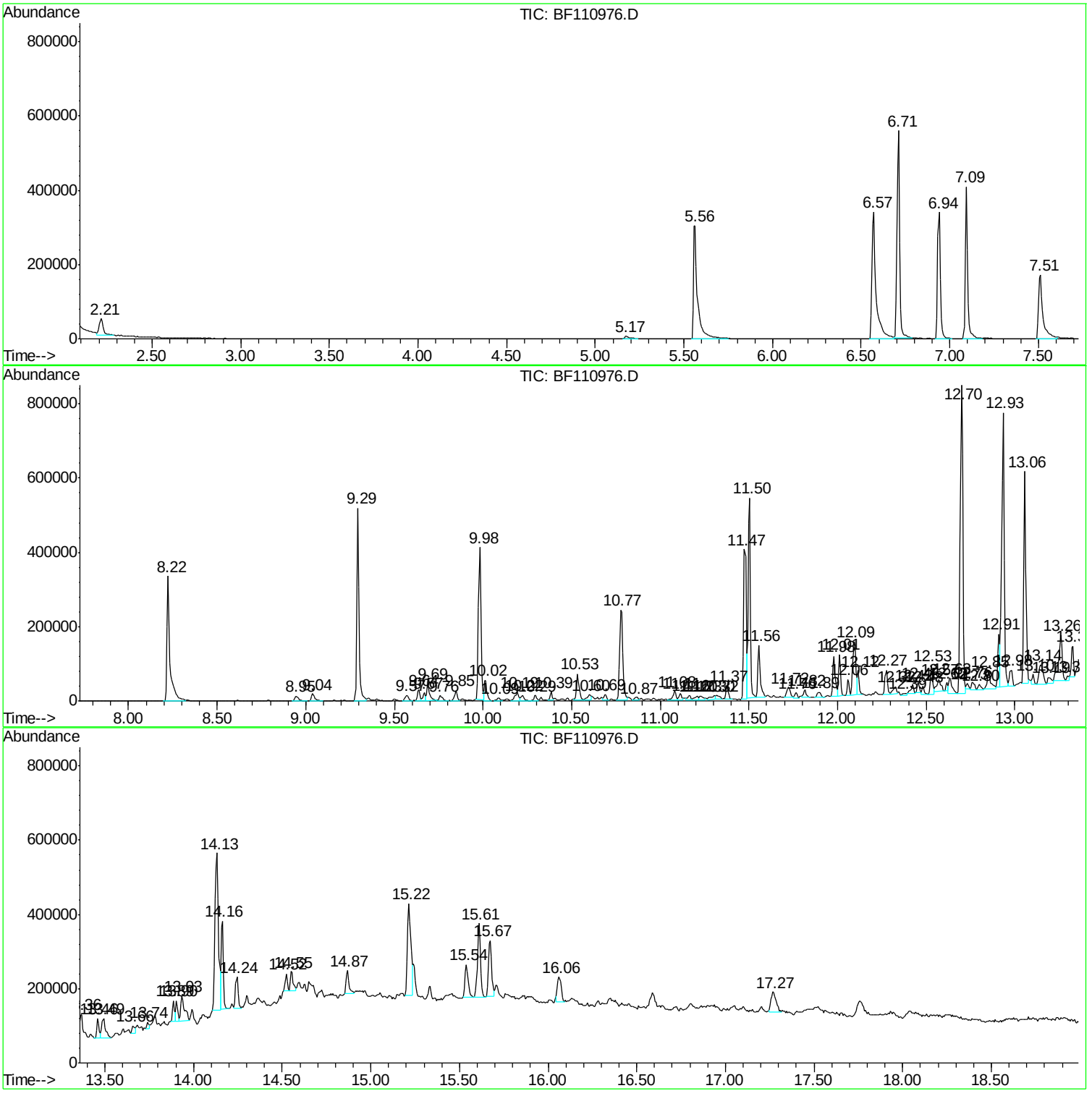
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110976.D
Acq On : 26 Nov 2018 21:01
Operator : JU/SJ
Sample : J5770-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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\BF112618\
Data File : BF110976.D
Acq On : 26 Nov 2018 21:01
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

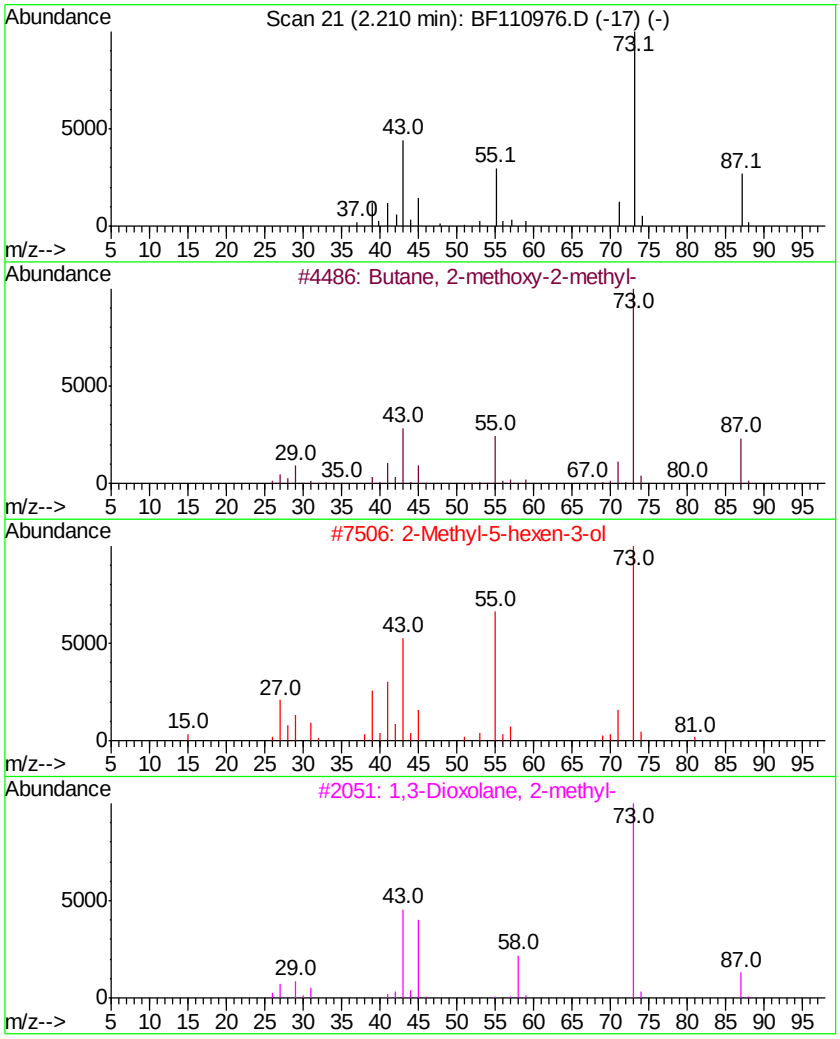
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

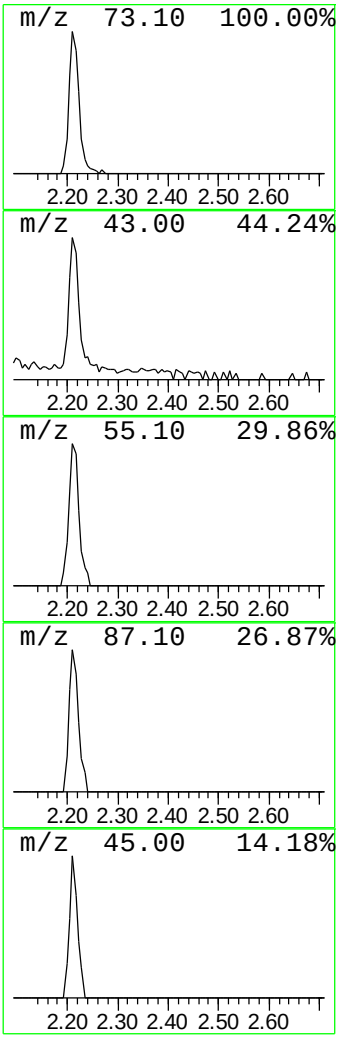
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	3.90 ng	65188	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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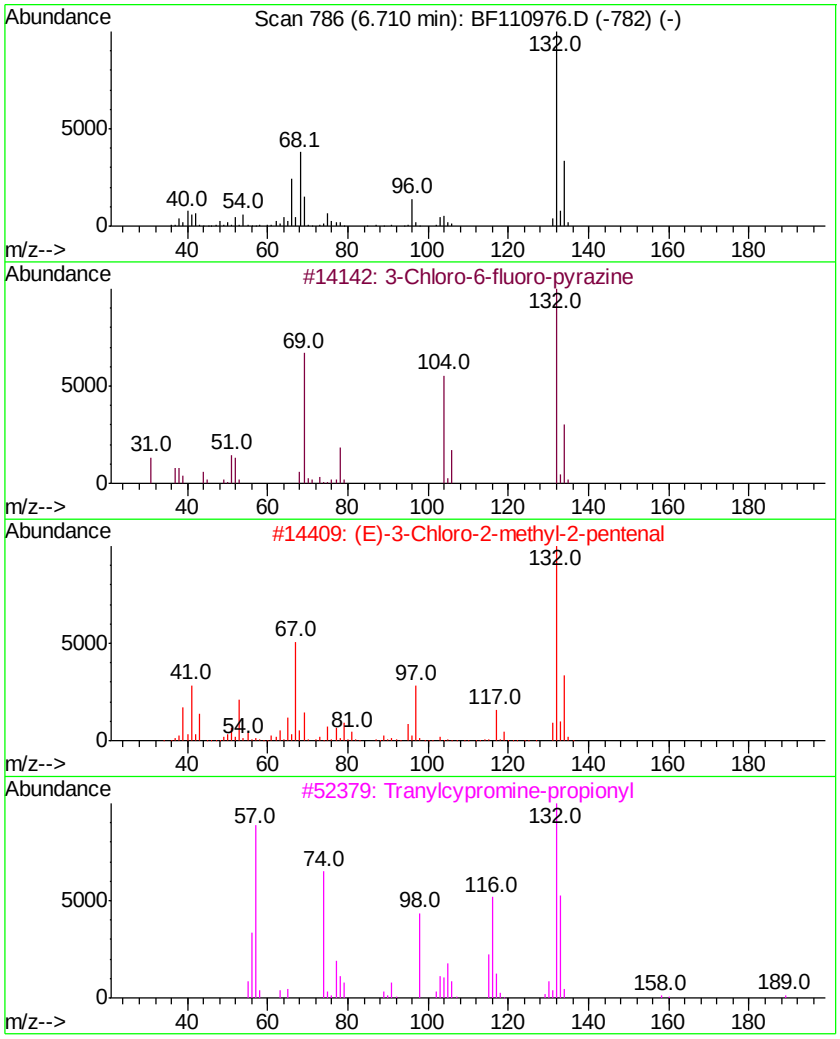
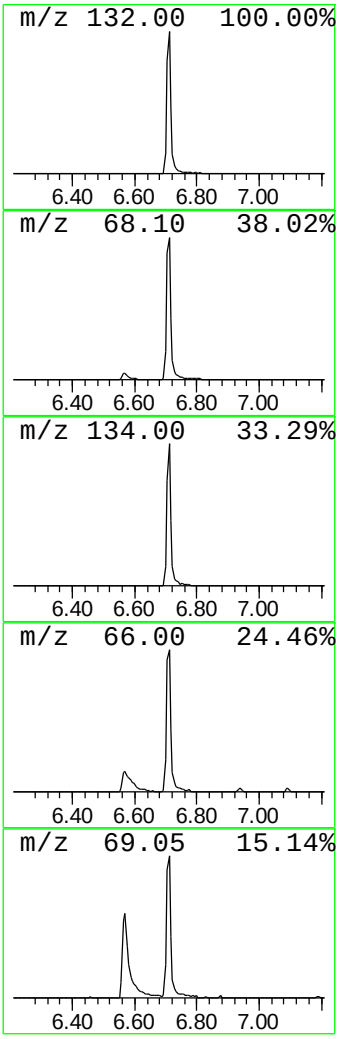
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	32.67 ng	545642	1,4-Dichlorobenzene-d4	6.94

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	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Amphetaminil	250	C17H18N2	017590-01-1	12





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

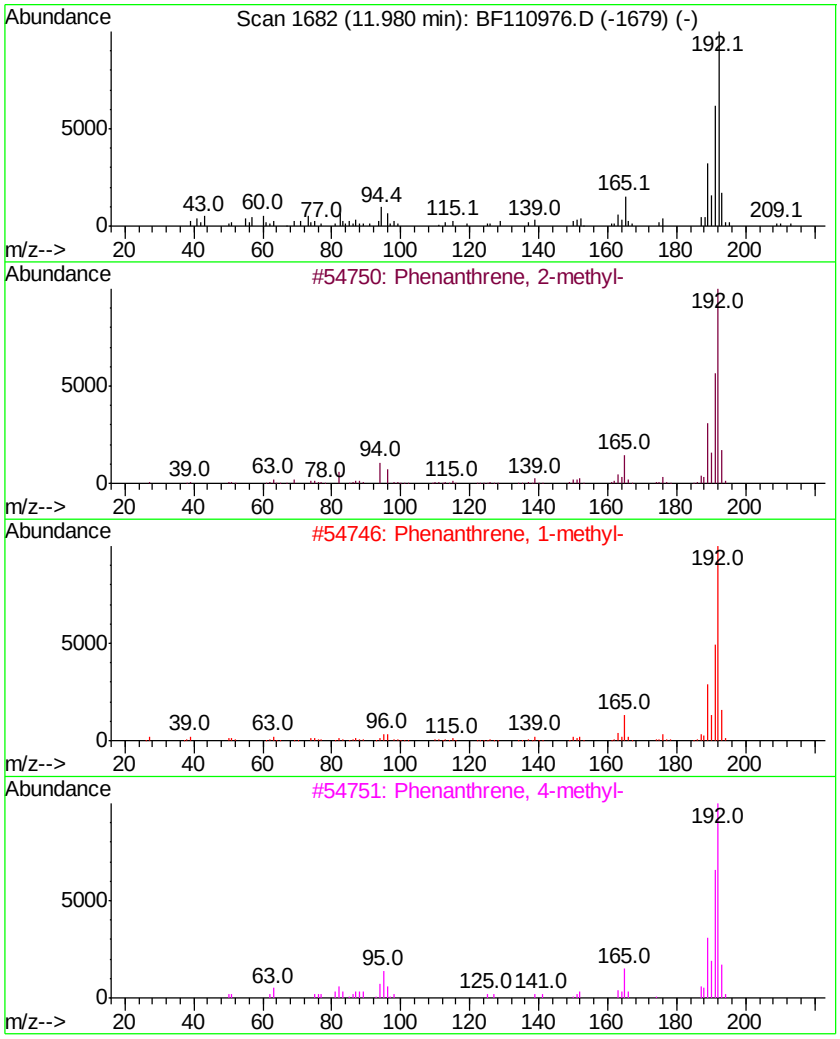
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

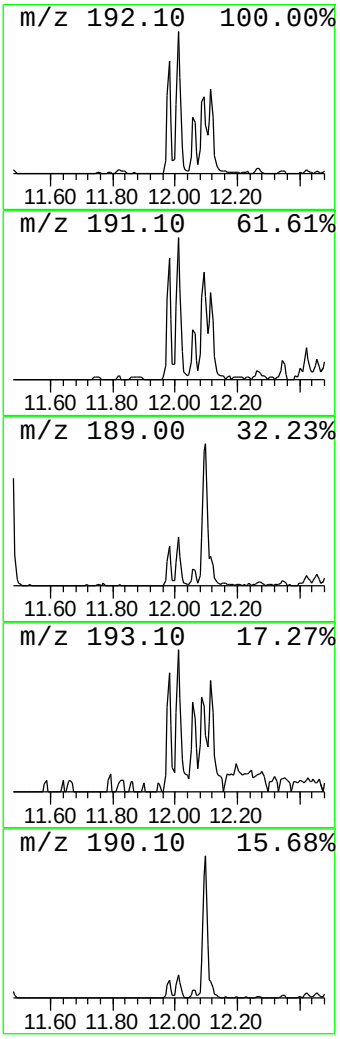
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	6.01 ng	109226	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110976.D
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Sample : J5770-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-112118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

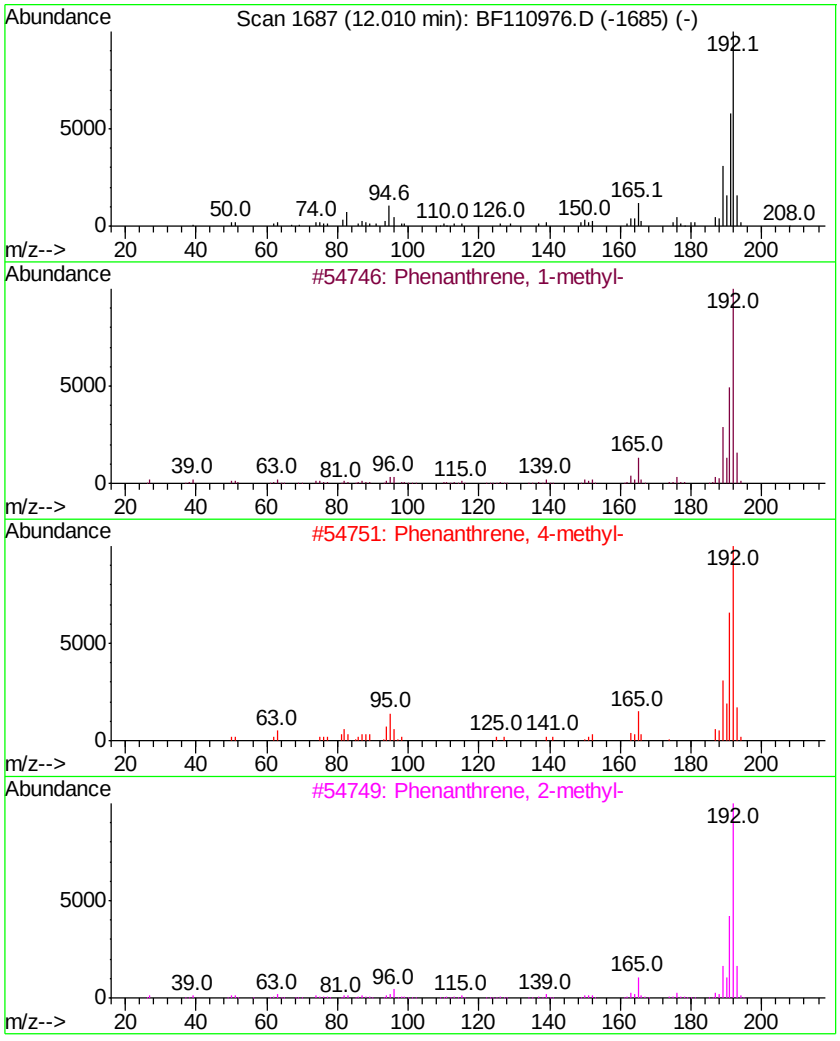
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

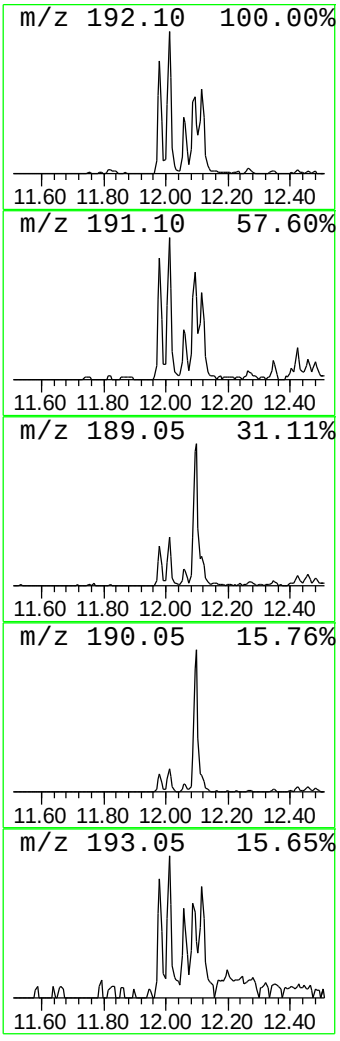
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	5.29 ng	96220	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Data File : BF110976.D
Acq On : 26 Nov 2018 21:01
Operator : JU/SJ
Sample : J5770-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

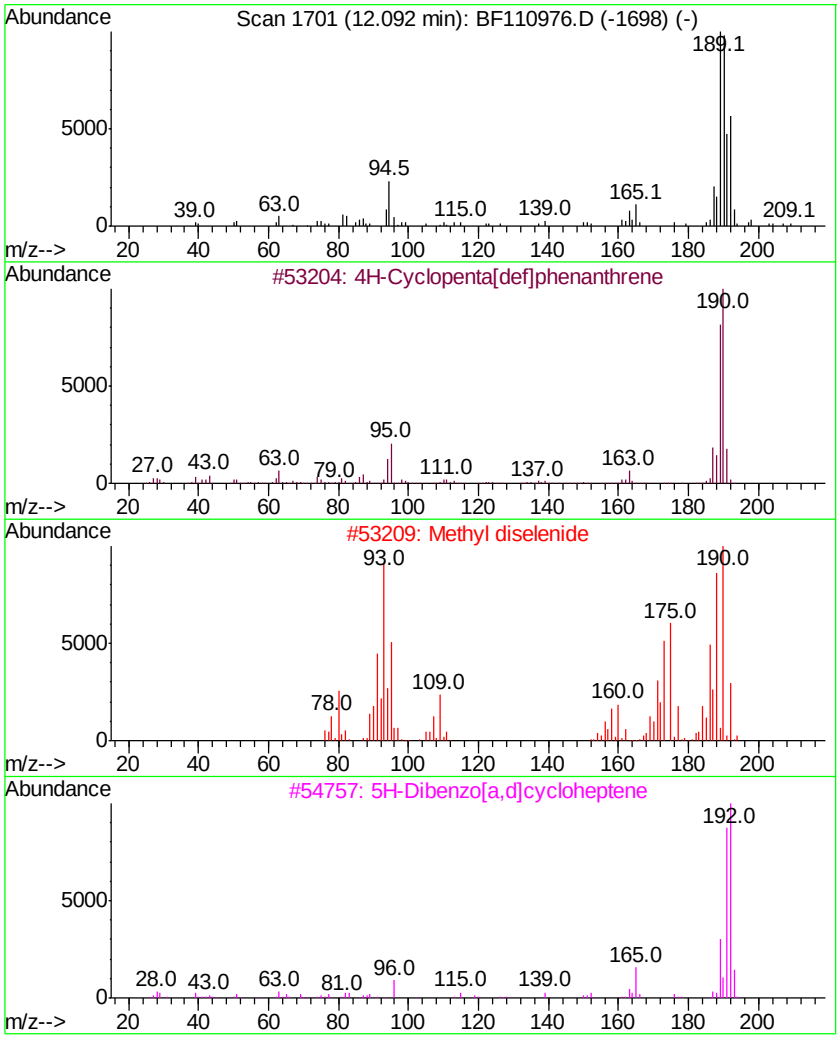
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

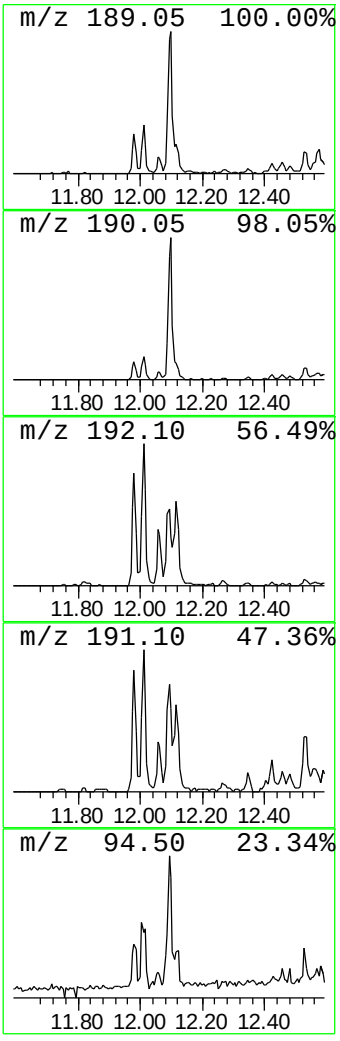
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	9.25 ng	168201	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	15
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	14





Library Search Compound Report

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Data File : BF110976.D
Acq On : 26 Nov 2018 21:01
Operator : JU/SJ
Sample : J5770-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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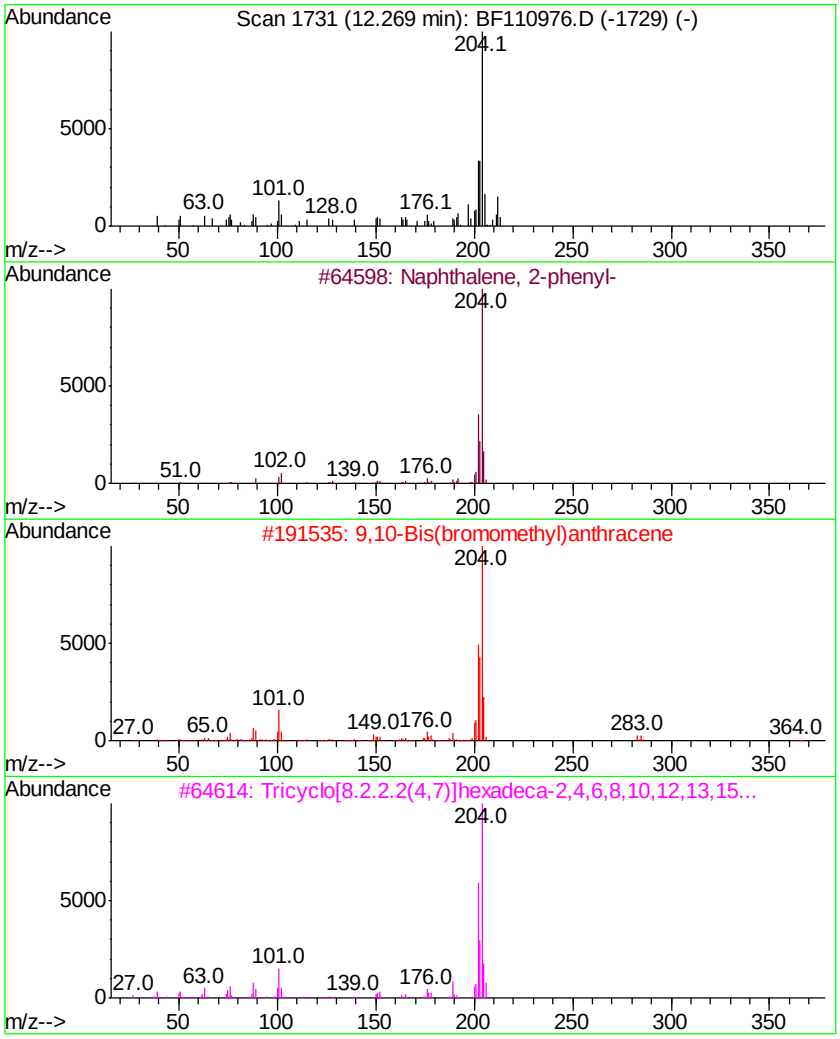
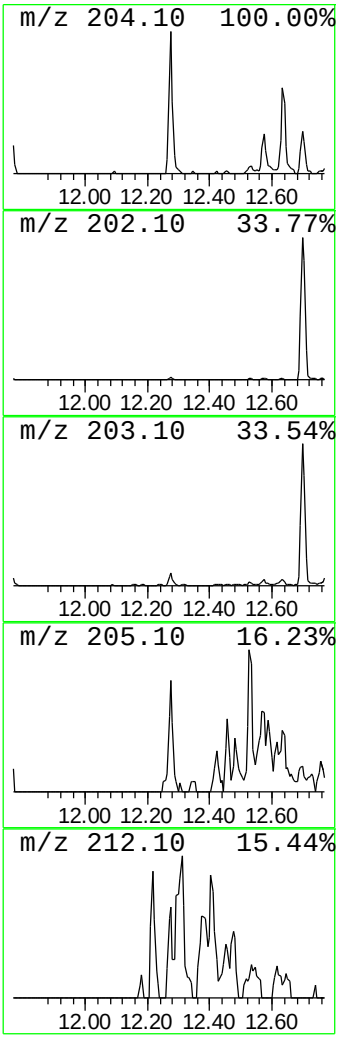
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.39 ng	61638	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	78
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	50





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Sample : J5770-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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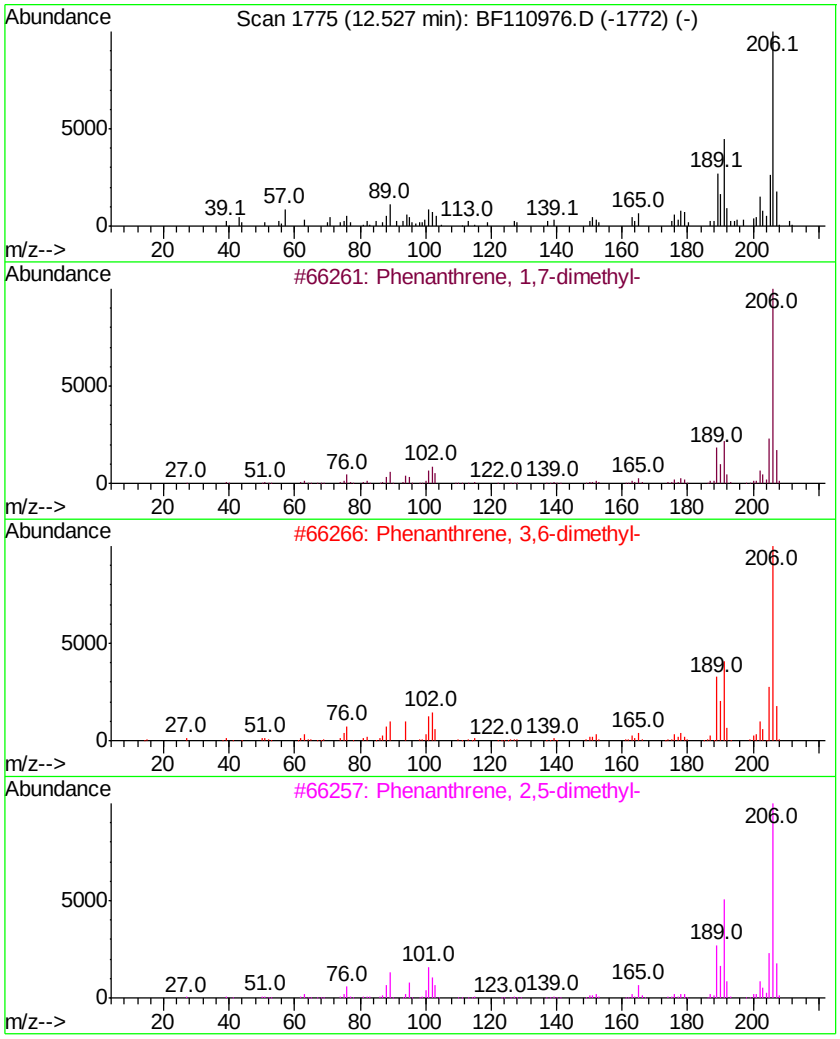
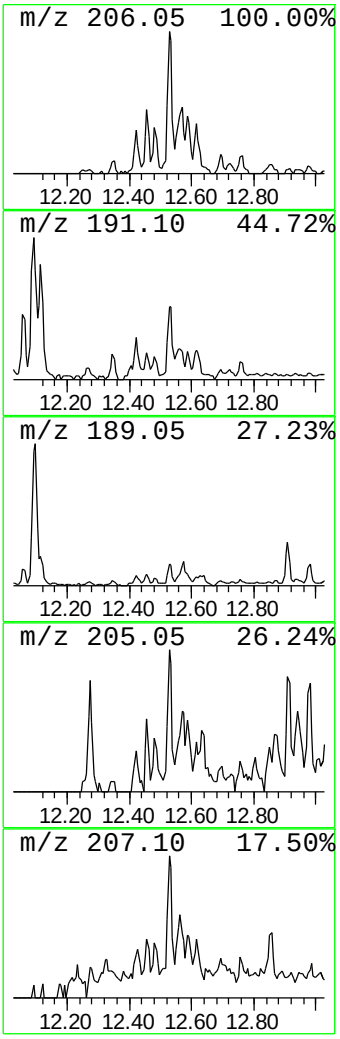
Peak Number 8 Phenanthrene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	4.44 ng	80656	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Library Search Compound Report

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Sample : J5770-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : OR-02-112118-A

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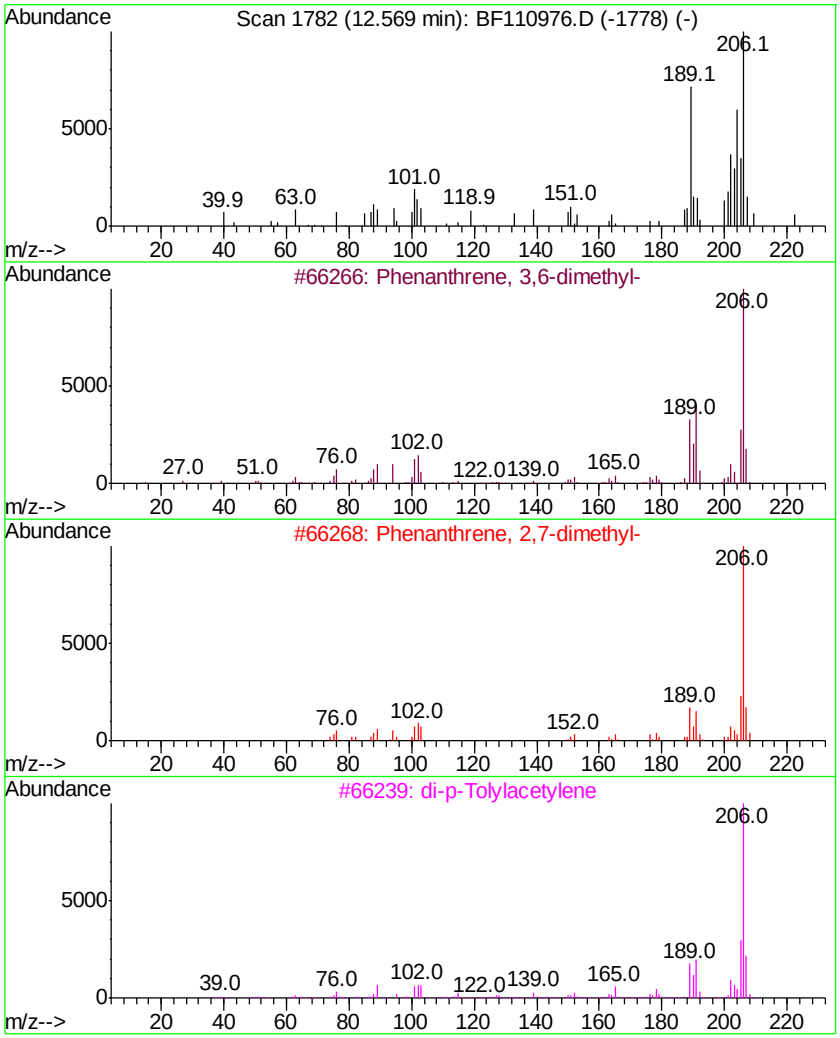
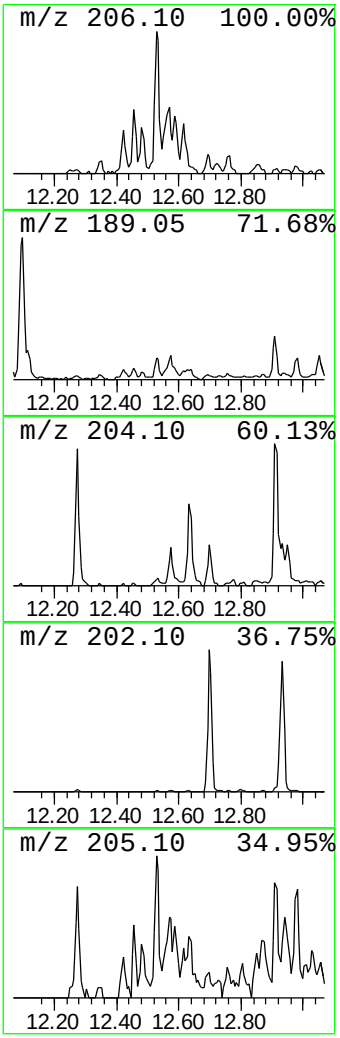
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.03 ng	55123	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	45
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	45
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	43
4	4-Chloro-6-phenylpyrimidine-1-oxide	206	C10H7ClN2O	052816-77-0	42
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	41





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-A

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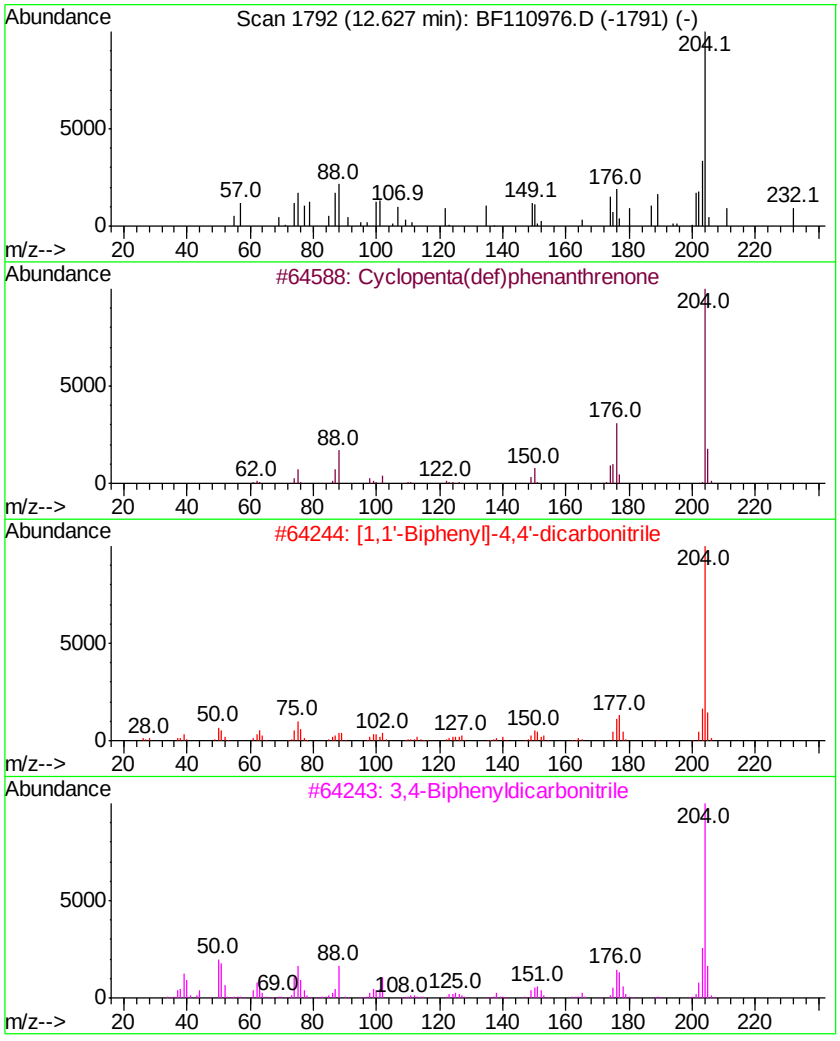
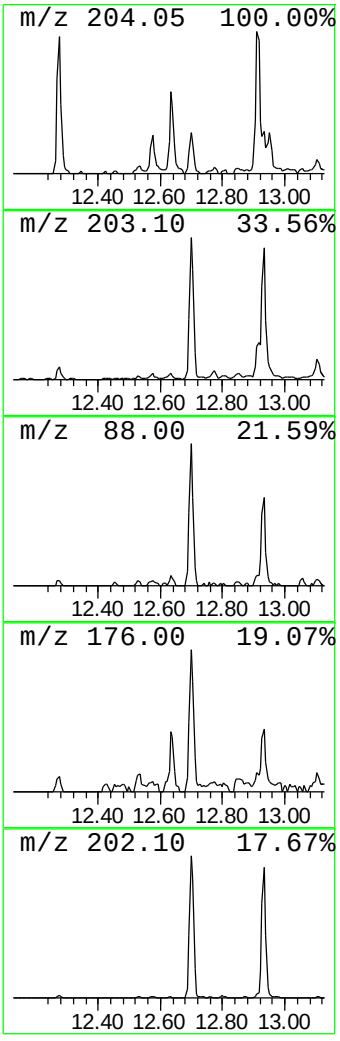
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.97 ng	54010	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	50
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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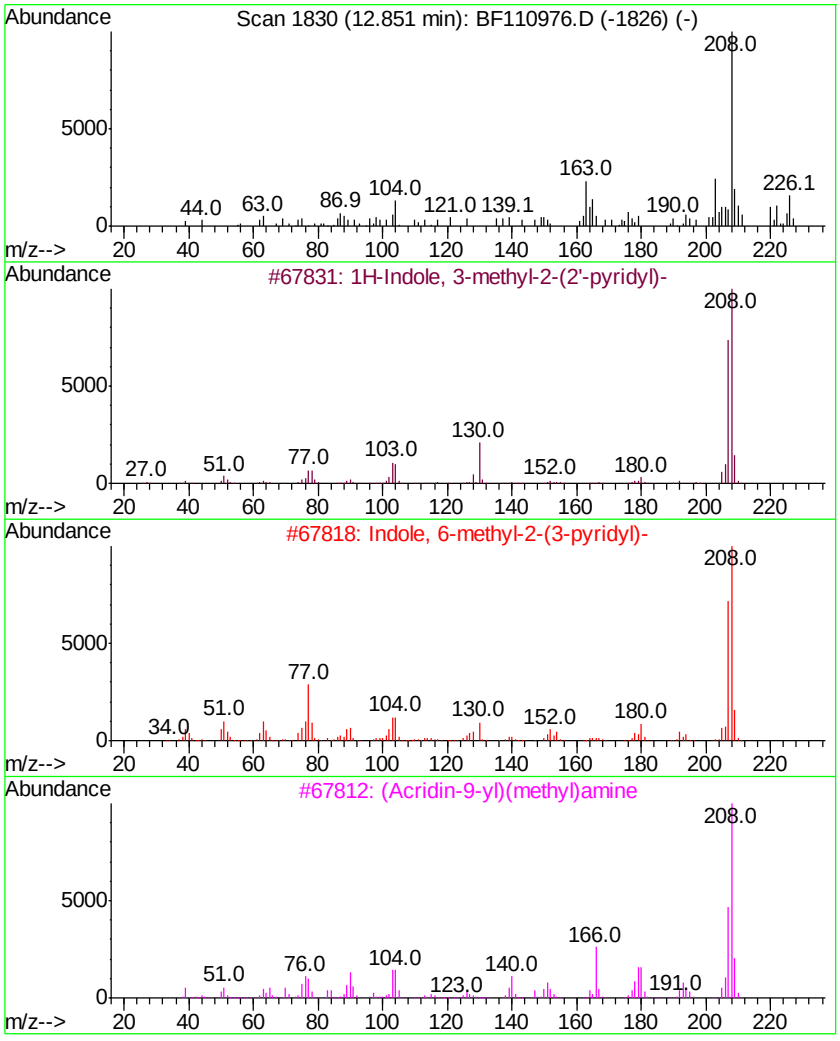
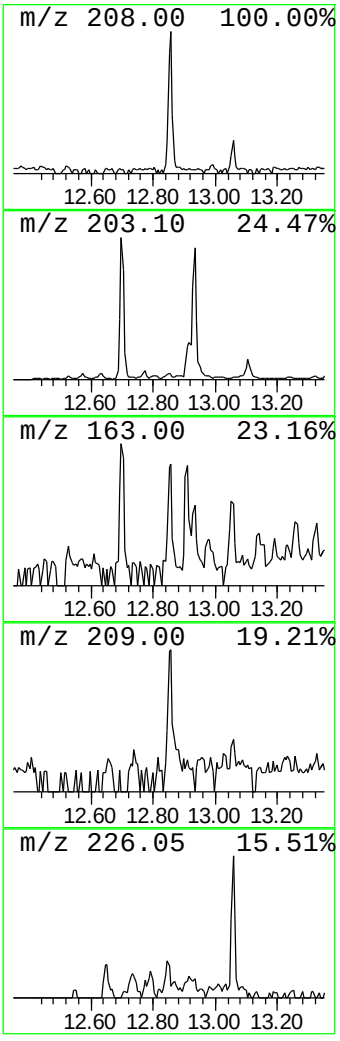
Peak Number 11 unknown12.85 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.25 ng	71194	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 3-methyl-2-(2'-pyridyl)-	208	C14H12N2	000951-25-7	49
2	Indole, 6-methyl-2-(3-pyridyl)-	208	C14H12N2	293762-69-3	47
3	(Acridin-9-yl)(methyl)amine	208	C14H12N2	1000305-13-9	47
4	Phenanthrene, 9-methoxy-	208	C15H12O	005085-74-5	46
5	1H-Pyrrolo[2,3-b]pyridine, 4-met...	208	C14H12N2	023688-50-8	46





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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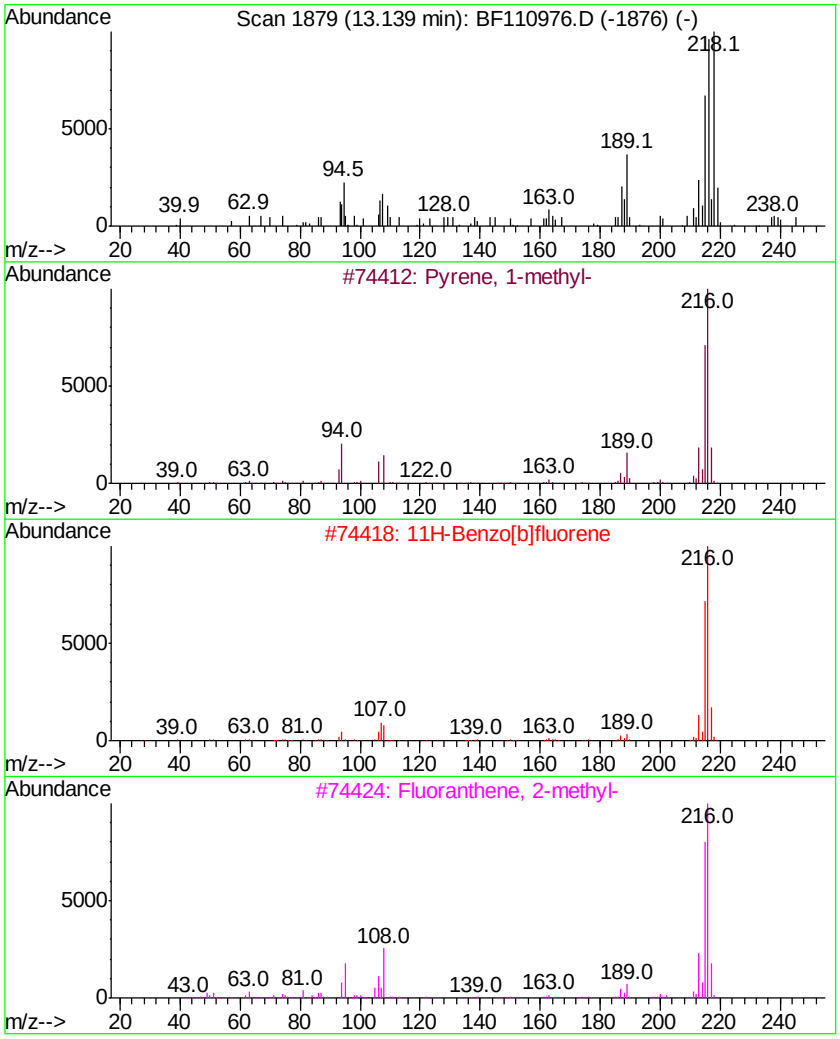
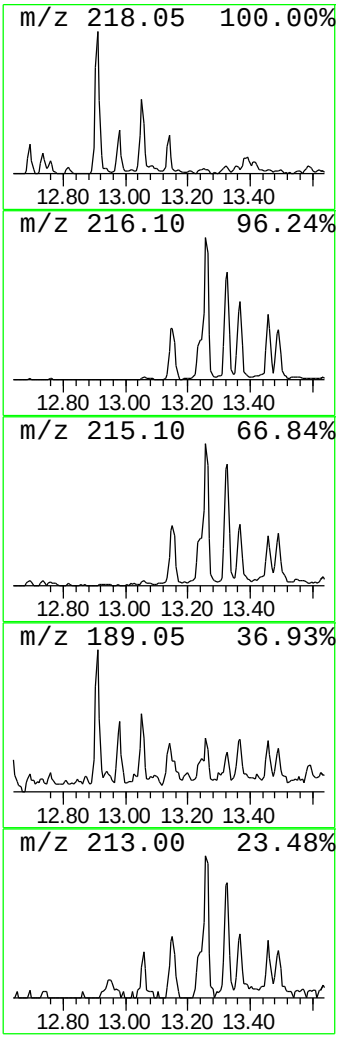
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	2.98 ng	94091	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	50





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Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-112118-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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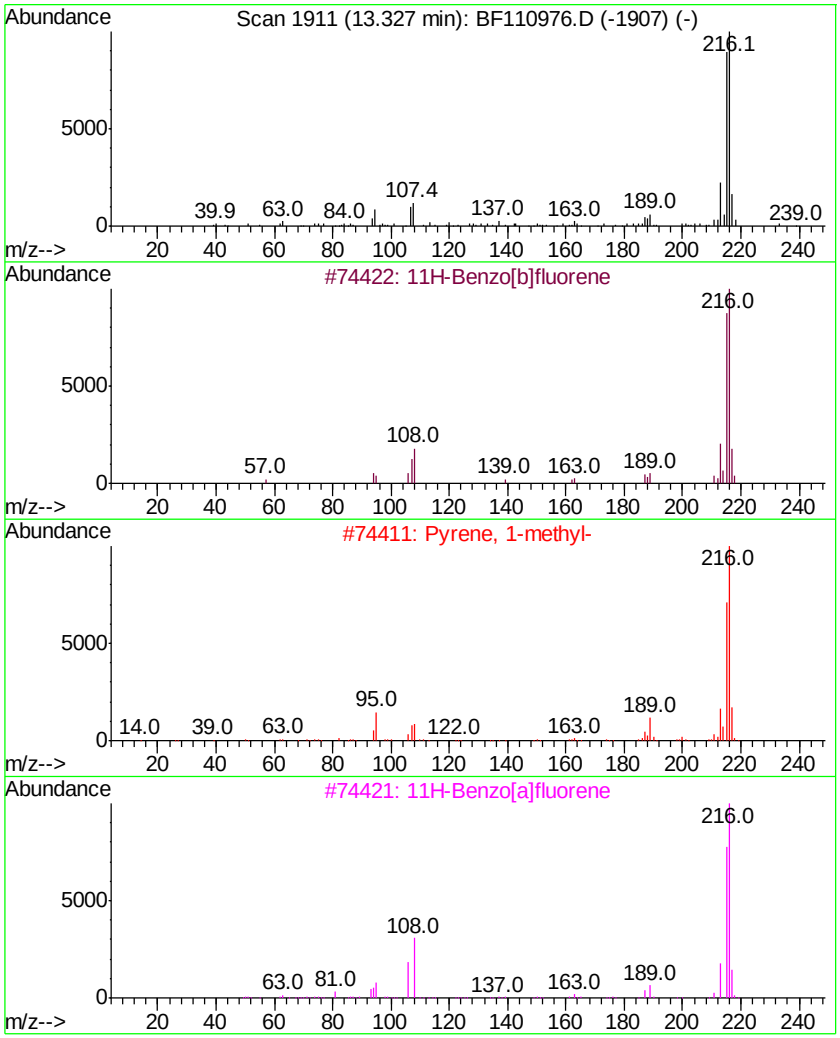
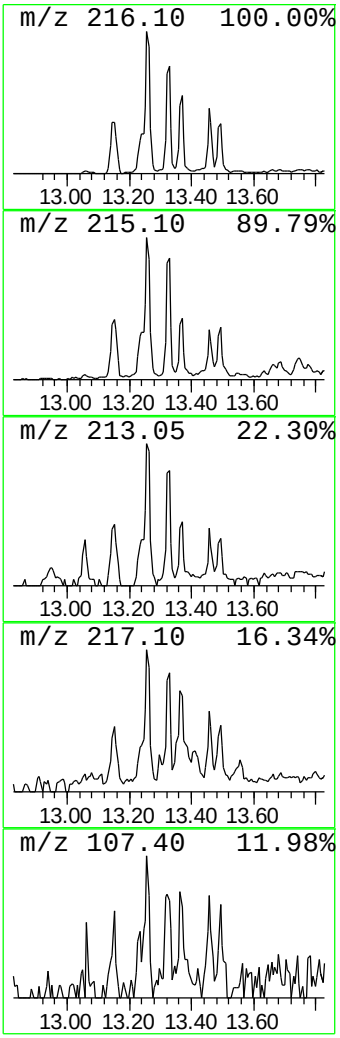
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.46 ng	77748	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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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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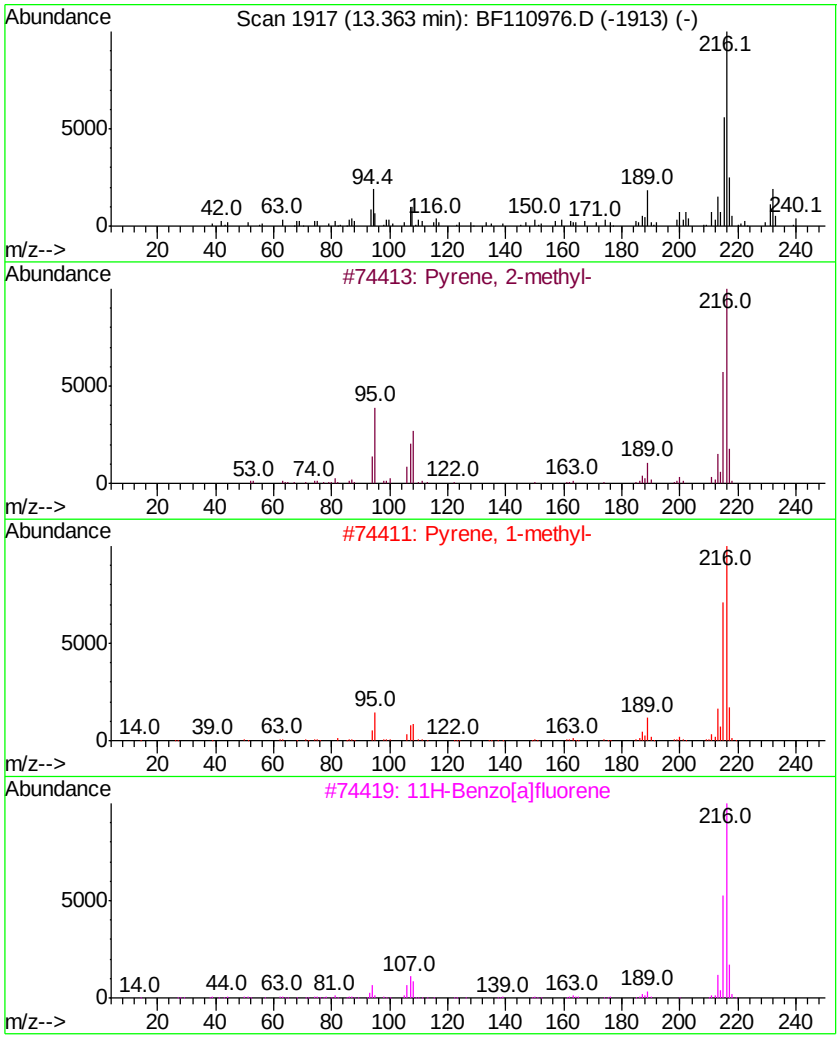
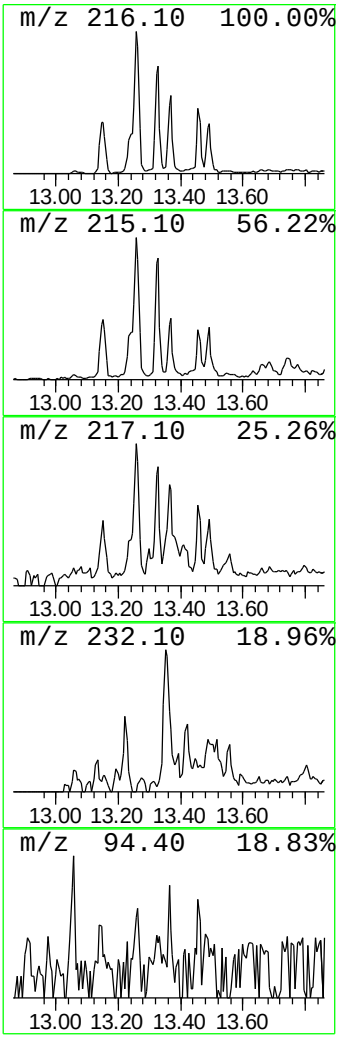
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.82 ng	89130	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	58





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Misc :
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ClientSampleId : OR-02-112118-A

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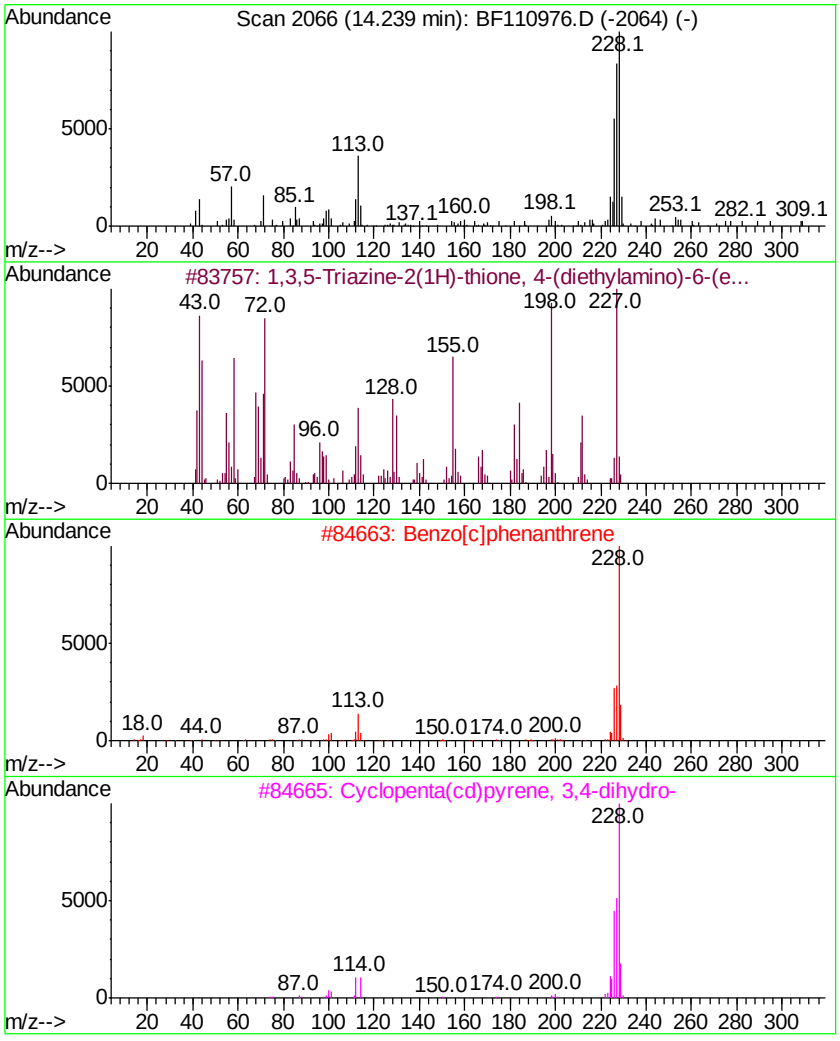
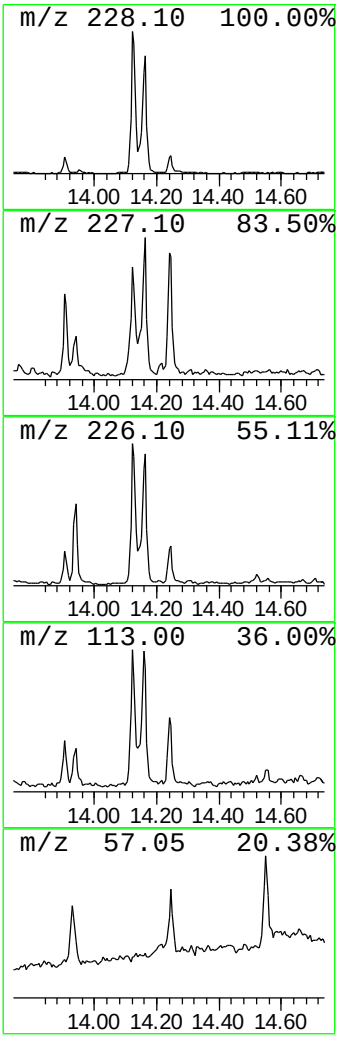
Peak Number 17 1,3,5-Triazine-2(1H)-thione... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.47 ng	77980	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	92
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
4	1-Aminoheptane HFB	311	C11H16F7NO	1000071-79-2	32
5	7-Amino-3-imino-3H-phenothiazine	227	C12H9N3S	006470-71-9	27





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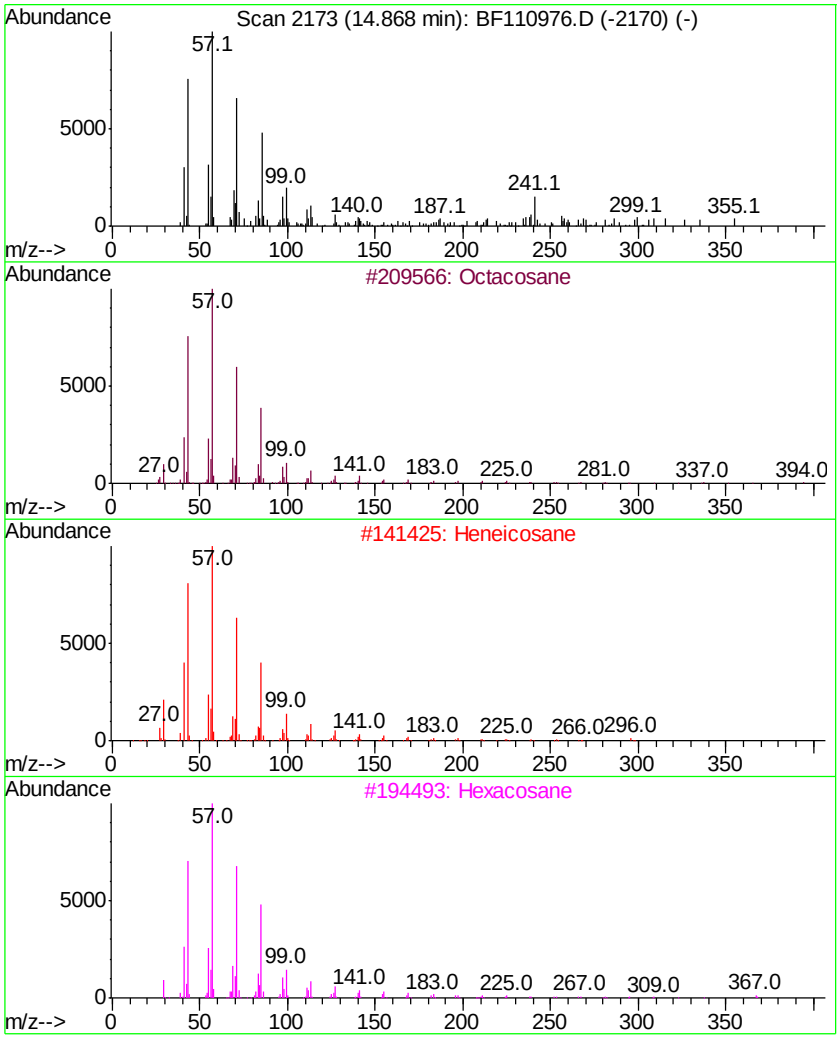
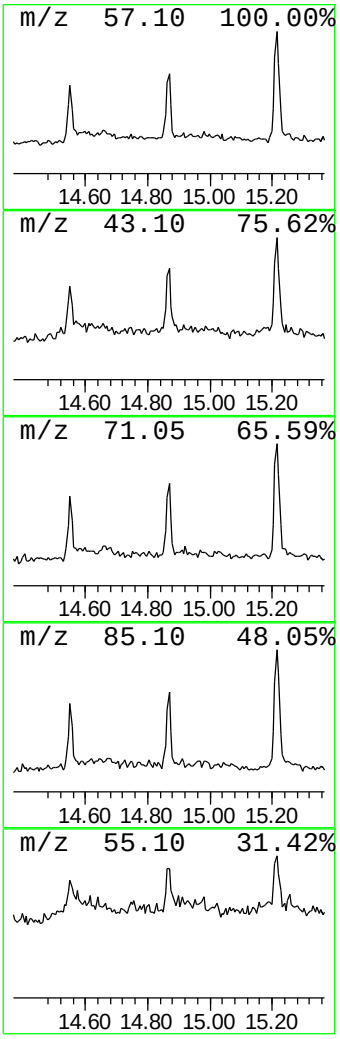
Peak Number 18 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.39 ng	75407	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	64
2	Heneicosane	296	C21H44	000629-94-7	62
3	Hexacosane	366	C26H54	000630-01-3	62
4	Hentriacontane	437	C31H64	000630-04-6	62
5	Heptadecane	240	C17H36	000629-78-7	62





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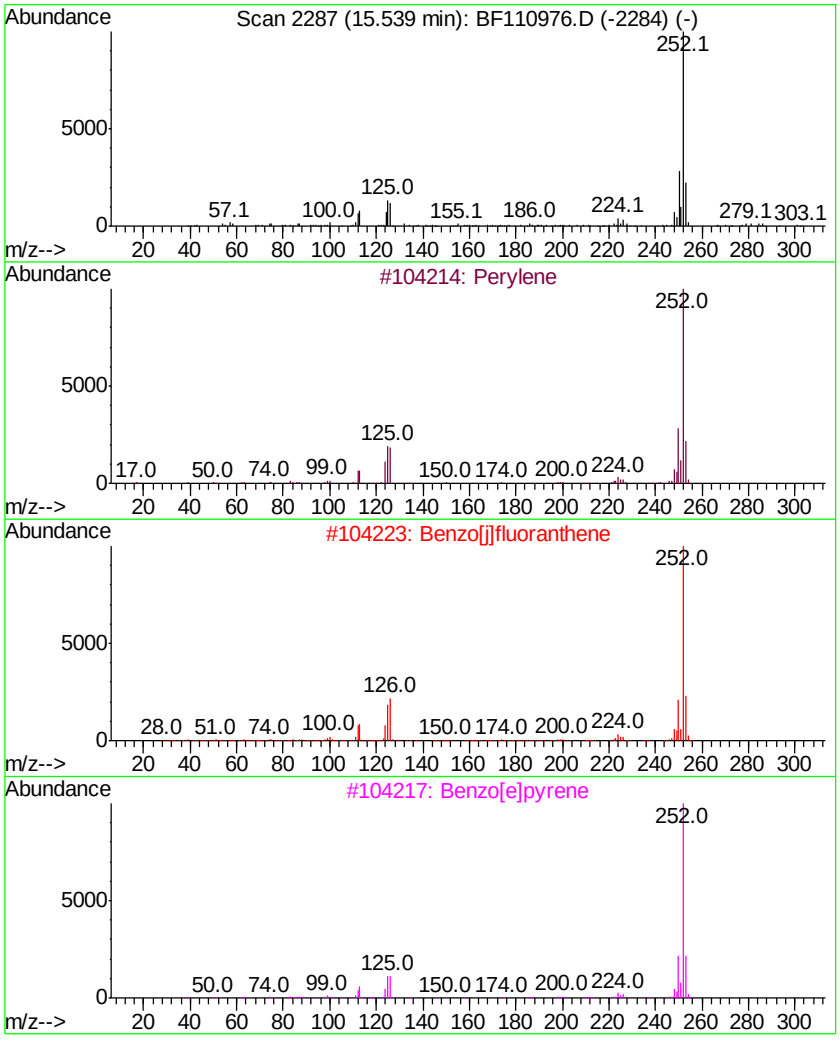
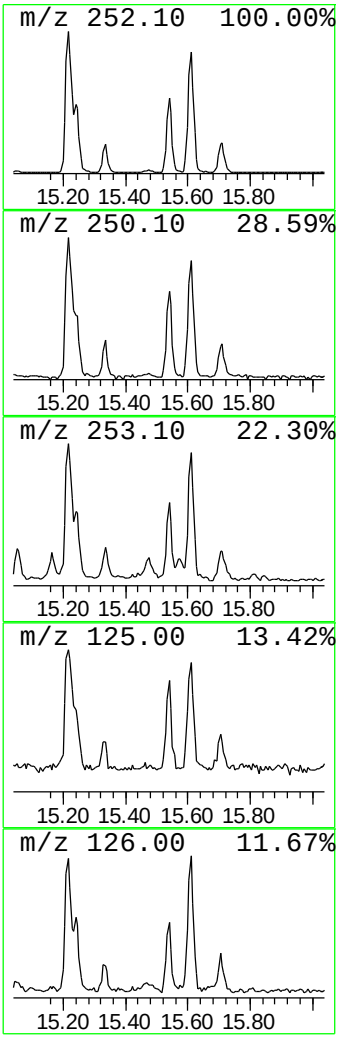
Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	10.89 ng	107515	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Misc :
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Instrument : BNA_F
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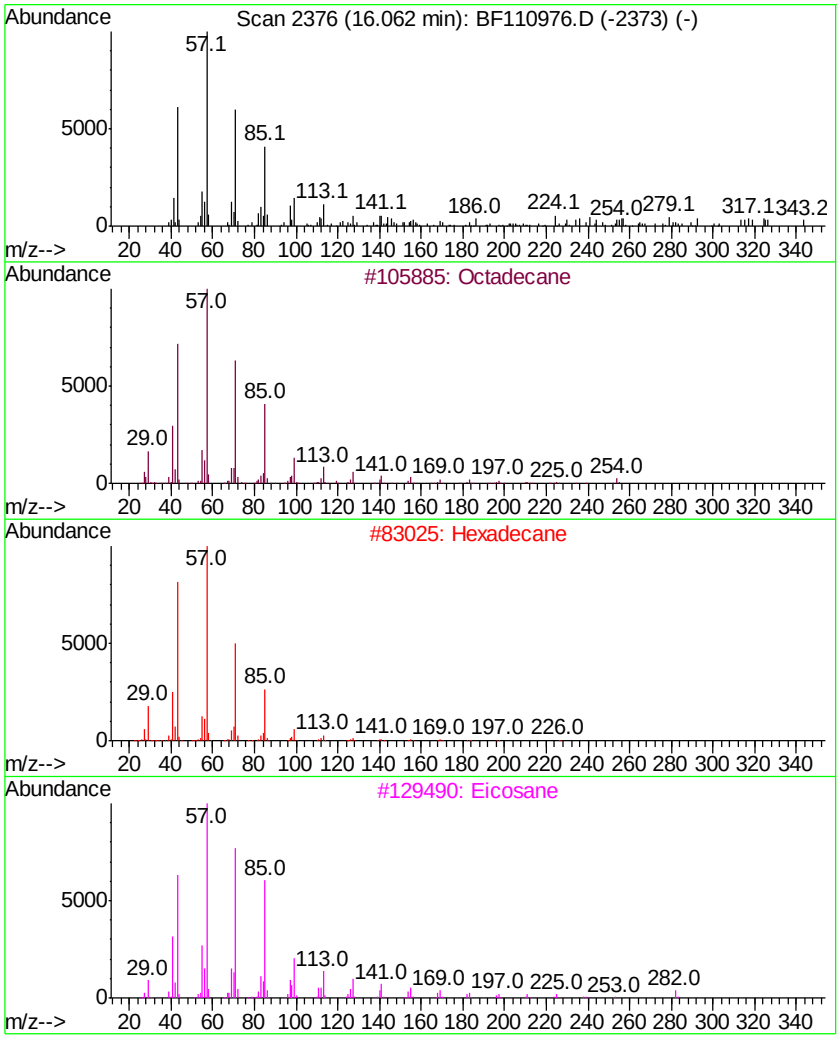
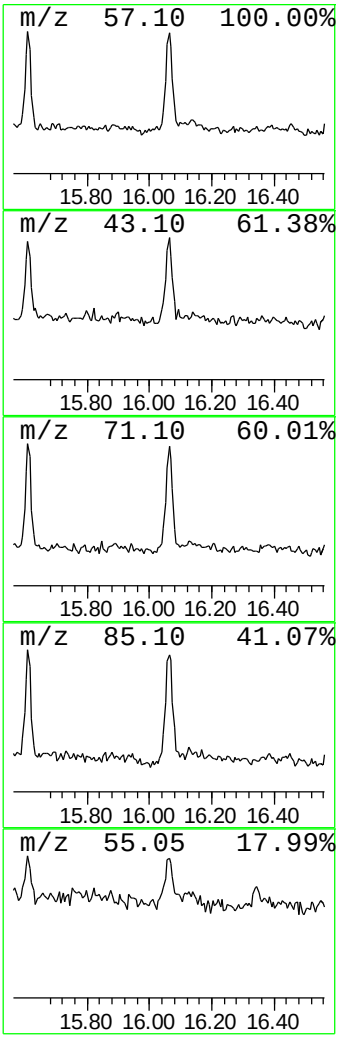
Peak Number 20 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	9.13 ng	90207	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tricosane	324	C23H48	000638-67-5	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
Data File : BF110976.D
Acq On : 26 Nov 2018 21:01
Operator : JU/SJ
Sample : J5770-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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
Butane, 2-methoxy...	2.21	3.9	ng	65188	1	6.94	334011	20.0
unknown6.71	6.71	32.7	ng	545642	1	6.94	334011	20.0
Phenanthrene, 2-m...	11.98	6.0	ng	109226	4	11.47	363500	20.0
Phenanthrene, 1-m...	12.01	5.3	ng	96220	4	11.47	363500	20.0
4H-Cyclopenta[def...	12.09	9.3	ng	168201	4	11.47	363500	20.0
Naphthalene, 2-ph...	12.27	3.4	ng	61638	4	11.47	363500	20.0
Phenanthrene, 1,7...	12.53	4.4	ng	80656	4	11.47	363500	20.0
Phenanthrene, 3,6...	12.57	3.0	ng	55123	4	11.47	363500	20.0
Cyclopenta(def)ph...	12.63	3.0	ng	54010	4	11.47	363500	20.0
unknown12.85	12.85	2.3	ng	71194	5	14.13	631608	20.0
Pyrene, 1-methyl-	13.14	3.0	ng	94091	5	14.13	631608	20.0
11H-Benzo[b]fluorene	13.33	2.5	ng	77748	5	14.13	631608	20.0
Pyrene, 2-methyl-	13.36	2.8	ng	89130	5	14.13	631608	20.0
1,3,5-Triazine-2(...	14.24	2.5	ng	77980	5	14.13	631608	20.0
Octacosane	14.87	2.4	ng	75407	5	14.13	631608	20.0
Perylene	15.54	10.9	ng	107515	6	15.67	197536	20.0
Octadecane	16.06	9.1	ng	90207	6	15.67	197536	20.0