LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104117.D
Acq On : 31 Mar 2018 2:10
Operator : JU/SJ
Sample : J2142-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GB-RT-4252

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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	2.292	31	35	45	rVB	74821	105644	4.59%	0.327%
2	5.198	525	529	542	rBV	60088	86864	3.78%	0.269%
3	5.592	592	596	624	rBV	1270125	1983361	86.22%	6.140%
4	6.592	762	766	786	rBV	1367874	2102795	91.41%	6.510%
5	6.727	786	789	815	rVB	1774574	2300342	100.00%	7.122%
6	6.957	825	828	850	rVB	363044	564152	24.52%	1.747%
7	7.110	850	854	872	rBV	1415271	1565624	68.06%	4.847%
8	7.522	921	924	947	rBV	819661	1316566	57.23%	4.076%
9	7.674	947	950	954	rVB	24352	27012	1.17%	0.084%
10	8.239	1042	1046	1071	rBV	603934	866567	37.67%	2.683%
11	9.310	1224	1228	1237	rBV	2000456	2063307	89.70%	6.388%
12	9.698	1289	1294	1301	rBV	122885	138784	6.03%	0.430%
13	9.857	1317	1321	1326	rBV	45606	52173	2.27%	0.162%
14	9.904	1326	1329	1333	rVB	65647	50305	2.19%	0.156%
15	9.998	1341	1345	1348	rBV	736841	795317	34.57%	2.462%
16	10.027	1348	1350	1358	rVB	103408	114359	4.97%	0.354%
17	10.204	1375	1380	1382	rBV2	22586	40636	1.77%	0.126%
18	10.233	1382	1385	1388	rVB3	22557	31073	1.35%	0.096%
19	10.404	1407	1414	1417	rBV	81704	72177	3.14%	0.223%
20	10.551	1431	1439	1444	rBV2	50082	85482	3.72%	0.265%
21	10.621	1447	1451	1454	rVV3	20439	30626	1.33%	0.095%
22	10.704	1462	1465	1470	rVB2	25039	26540	1.15%	0.082%
23	10.786	1476	1479	1492	rBV	918889	1263531	54.93%	3.912%
24	10.874	1492	1494	1505	rVB2	56412	91501	3.98%	0.283%
25	11.098	1525	1532	1534	rBV4	25341	46311	2.01%	0.143%
26	11.215	1548	1552	1555	rBV5	20369	25178	1.09%	0.078%
27	11.245	1555	1557	1562	rVV2	17507	24122	1.05%	0.075%
28	11.298	1562	1566	1569	rVV4	17350	25802	1.12%	0.080%
29	11.327	1569	1571	1578	rVV5	39414	51188	2.23%	0.158%
30	11.392	1578	1582	1587	rVB	27040	33291	1.45%	0.103%
31	11.492	1595	1599	1601	rBV	605847	647165	28.13%	2.004%
32	11.515	1601	1603	1609	rVV	915027	986438	42.88%	3.054%
33	11.568	1609	1612	1628	rVB	192742	319394	13.88%	0.989%
34	11.739	1634	1641	1642	rBV3	30573	43034	1.87%	0.133%

LSC Area Percent Report

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Data File : BF104117.D
Acq On : 31 Mar 2018 2:10
Operator : JU/SJ
Sample : J2142-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GB-RT-4252

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.992	1681	1684	1687	rBV	119779	131099	5.70%	0.406%
36	12.021	1687	1689	1695	rVB	128168	135103	5.87%	0.418%
37	12.068	1695	1697	1700	rBV	38286	35772	1.56%	0.111%
38	12.104	1700	1703	1706	rBV2	158912	198342	8.62%	0.614%
39	12.286	1731	1734	1738	rBV	77496	88040	3.83%	0.273%
40	12.321	1738	1740	1745	rVB2	36888	43243	1.88%	0.134%
41	12.539	1774	1777	1781	rBV	72492	92417	4.02%	0.286%
42	12.580	1781	1784	1786	rVV3	43620	56019	2.44%	0.173%
43	12.639	1790	1794	1802	rVB2	68554	106383	4.62%	0.329%
44	12.709	1802	1806	1815	rBV	1597020	1712732	74.46%	5.303%
45	12.774	1815	1817	1820	rVV3	40421	46518	2.02%	0.144%
46	12.809	1820	1823	1827	rVV	32274	42632	1.85%	0.132%
47	12.868	1827	1833	1839	rVV4	47683	93573	4.07%	0.290%
48	12.945	1839	1846	1851	rVV	1170544	1594616	69.32%	4.937%
49	12.986	1851	1853	1859	rVV2	77808	93865	4.08%	0.291%
50	13.074	1863	1868	1877	rVV	1642039	1768887	76.90%	5.476%
51	13.151	1877	1881	1888	rVB3	80019	148437	6.45%	0.460%
52	13.268	1893	1901	1906	rVV2	143137	262112	11.39%	0.811%
53	13.333	1909	1912	1915	rVV	82236	95810	4.17%	0.297%
54	13.374	1915	1919	1926	rVV3	112921	199331	8.67%	0.617%
55	13.427	1926	1928	1932	rVV3	23954	33107	1.44%	0.102%
56	13.462	1932	1934	1937	rVV	53155	55511	2.41%	0.172%
57	13.498	1937	1940	1949	rVB3	60343	94696	4.12%	0.293%
58	13.780	1985	1988	1995	rBV	96182	123499	5.37%	0.382%
59	13.892	2002	2007	2009	rBV	116938	144884	6.30%	0.449%
60	13.915	2009	2011	2013	rVV	132301	127781	5.55%	0.396%
61	13.951	2013	2017	2021	rVV3	153372	266293	11.58%	0.824%
62	13.992	2021	2024	2031	rVB	108256	152473	6.63%	0.472%
63	14.062	2034	2036	2042	rVB2	25352	34801	1.51%	0.108%
64	14.139	2042	2049	2053	rBV2	927047	1658925	72.12%	5.136%
65	14.174	2053	2055	2062	rVV	596234	670315	29.14%	2.075%
66	14.251	2066	2068	2073	rVB	83186	77848	3.38%	0.241%
67	14.303	2073	2077	2083	rVB6	30245	50267	2.19%	0.156%
68	14.362	2083	2087	2088	rBV2	30560	39283	1.71%	0.122%
69	14.498	2107	2110	2112	rBV	30430	39899	1.73%	0.124%
70	14.533	2112	2116	2120	rVV	115605	152514	6.63%	0.472%
71	14.568	2120	2122	2127	rVB	42696	62853	2.73%	0.195%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J2142-07
Misc :
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ClientSampleId : GB-RT-4252

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Integrator: RTE
Smoothing : ON Filtering: 5
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72	14.662	2136	2138	2140	rBV	38318	40178	1.75%	0.124%
73	14.686	2140	2142	2146	rVB	54331	52505	2.28%	0.163%
74	14.868	2170	2173	2175	rBV4	27681	38388	1.67%	0.119%
75	15.056	2201	2205	2212	rBV3	46542	74976	3.26%	0.232%
76	15.121	2212	2216	2218	rBV4	14646	24333	1.06%	0.075%
77	15.227	2229	2234	2245	rBV	490589	1151383	50.05%	3.565%
78	15.339	2250	2253	2258	rVB	84031	108205	4.70%	0.335%
79	15.450	2266	2272	2275	rBV4	35094	72096	3.13%	0.223%
80	15.550	2284	2289	2296	rVB	224131	348244	15.14%	1.078%
81	15.615	2296	2300	2307	rBV	362870	550785	23.94%	1.705%
82	15.686	2307	2312	2315	rBV2	280947	417778	18.16%	1.293%
83	16.280	2409	2413	2419	rBV4	17050	30276	1.32%	0.094%
84	17.256	2573	2579	2591	rBV2	124476	326378	14.19%	1.010%
85	17.462	2608	2614	2620	rBV3	26385	65023	2.83%	0.201%
86	17.739	2655	2661	2673	rBV2	83523	206888	8.99%	0.641%
87	18.009	2703	2707	2720	rVB6	27800	86484	3.76%	0.268%

Sum of corrected areas: 32300461

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
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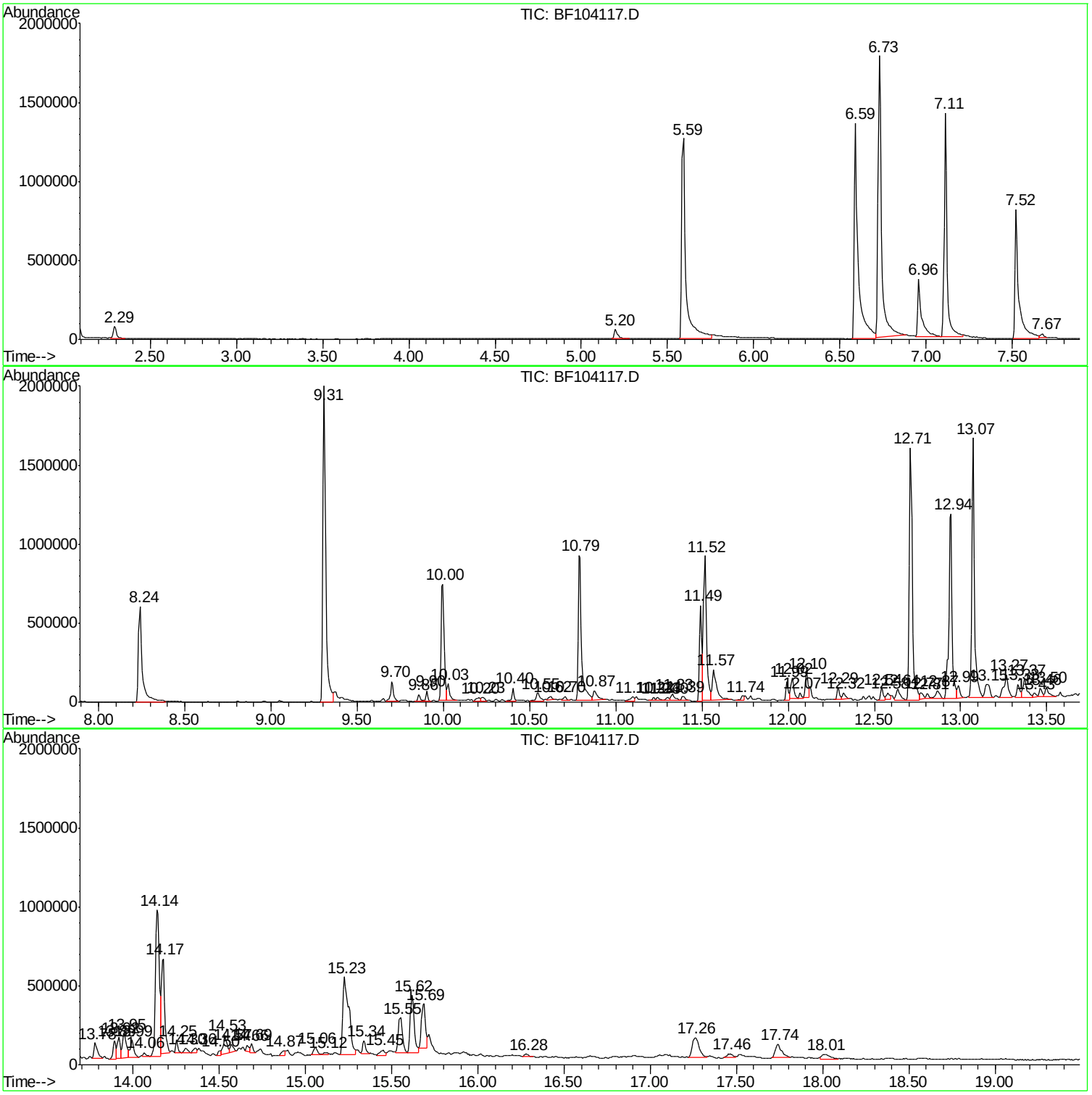
Operator : JU/SJ
Sample : J2142-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GB-RT-4252

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104117.D
Acq On : 31 Mar 2018 2:10
Operator : JU/SJ
Sample : J2142-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GB-RT-4252

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

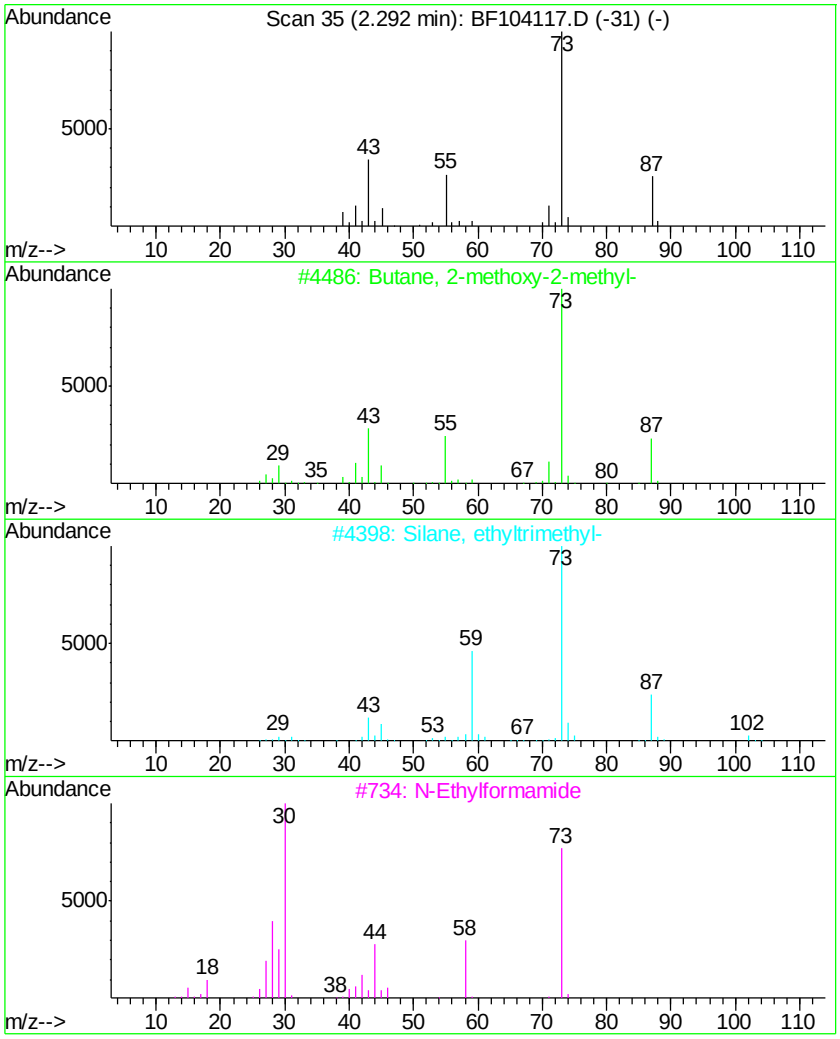
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

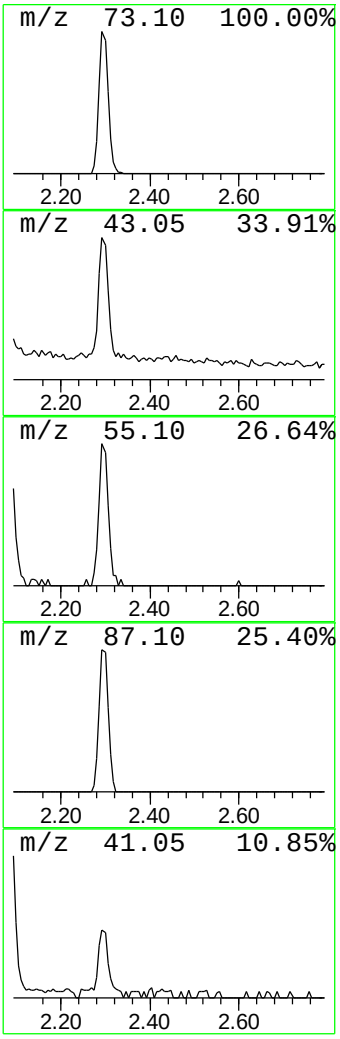
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	3.75 ng	105644	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104117.D
Acq On : 31 Mar 2018 2:10
Operator : JU/SJ
Sample : J2142-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GB-RT-4252

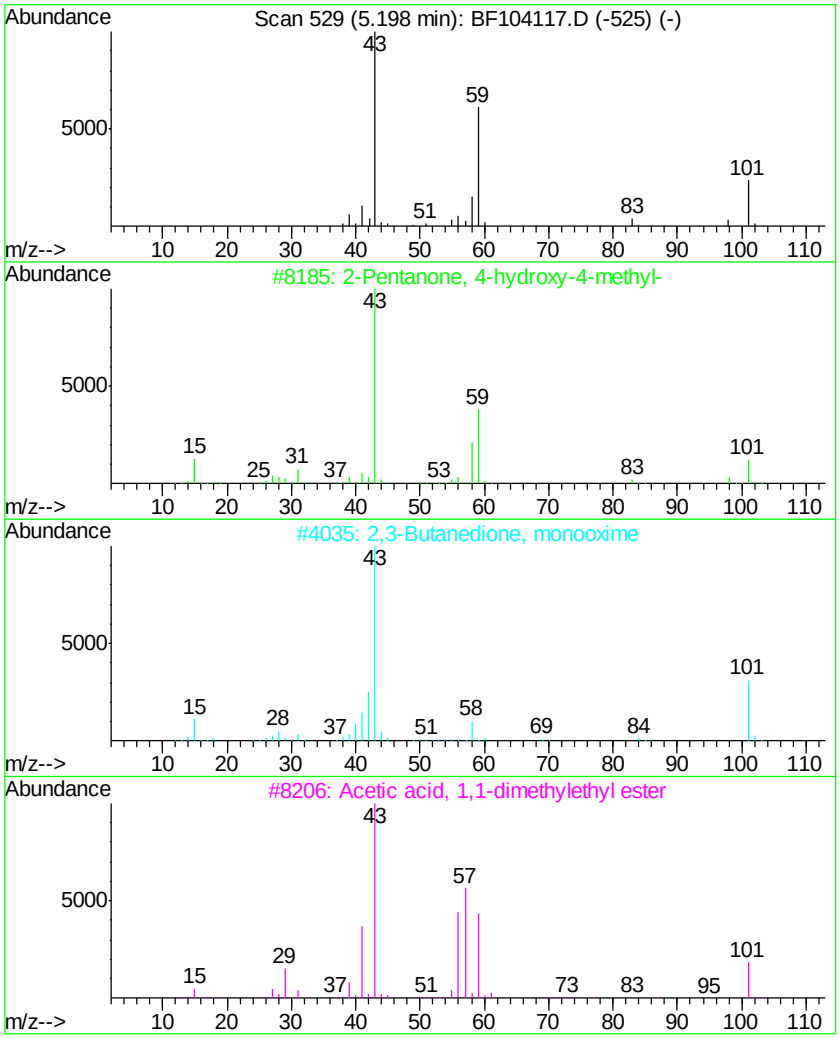
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

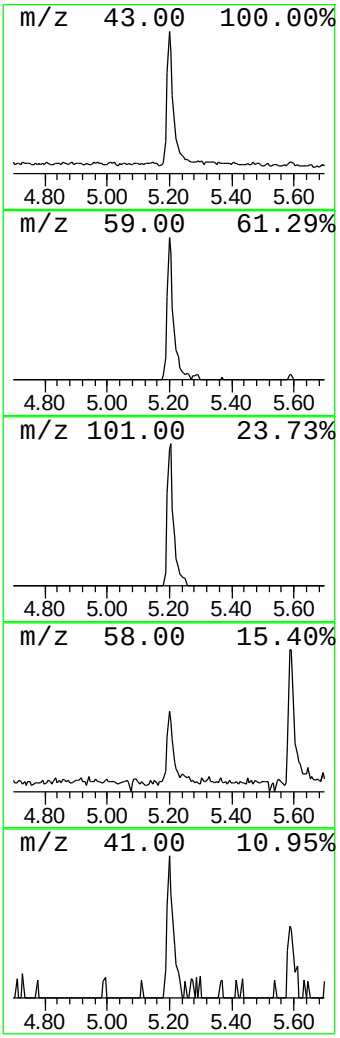
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.08 ng	86864	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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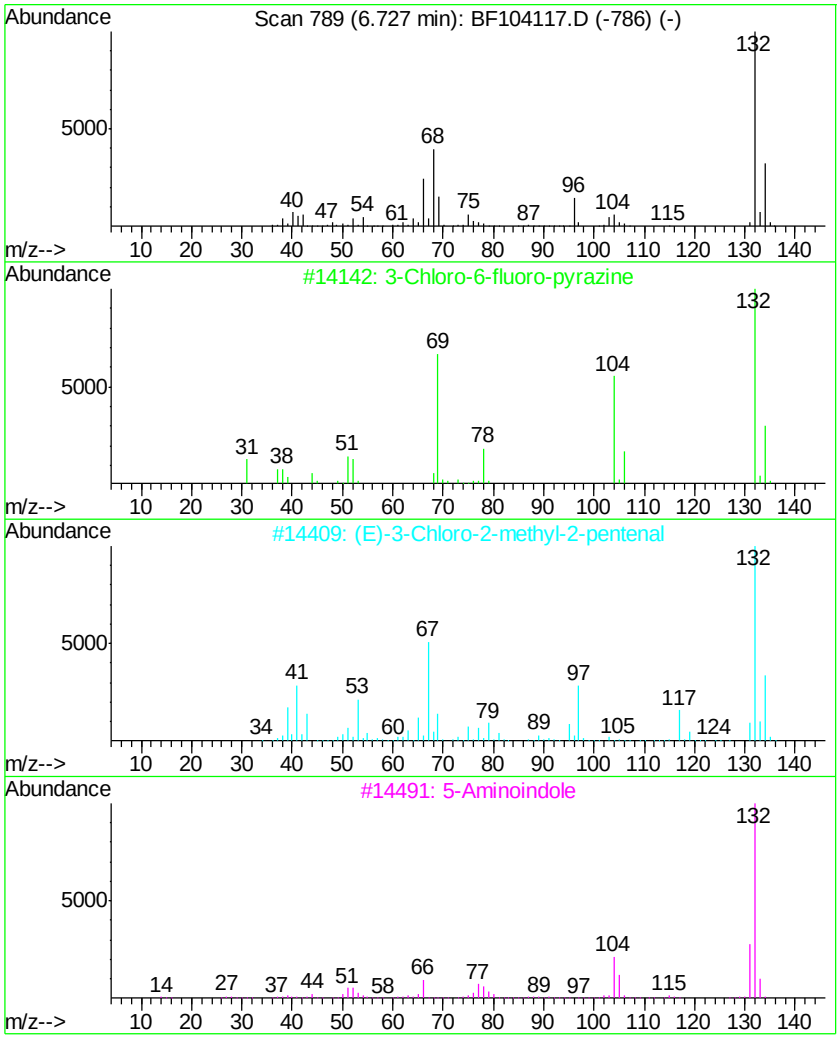
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

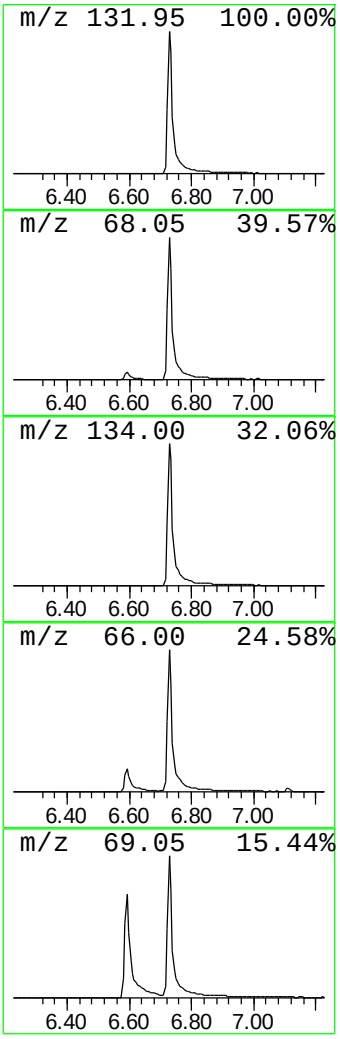
****

Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	81.55 ng	2300340	1,4-Dichlorobenzene-d4	6.96

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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TIC Library : C:\DATABASE\NIST11.L
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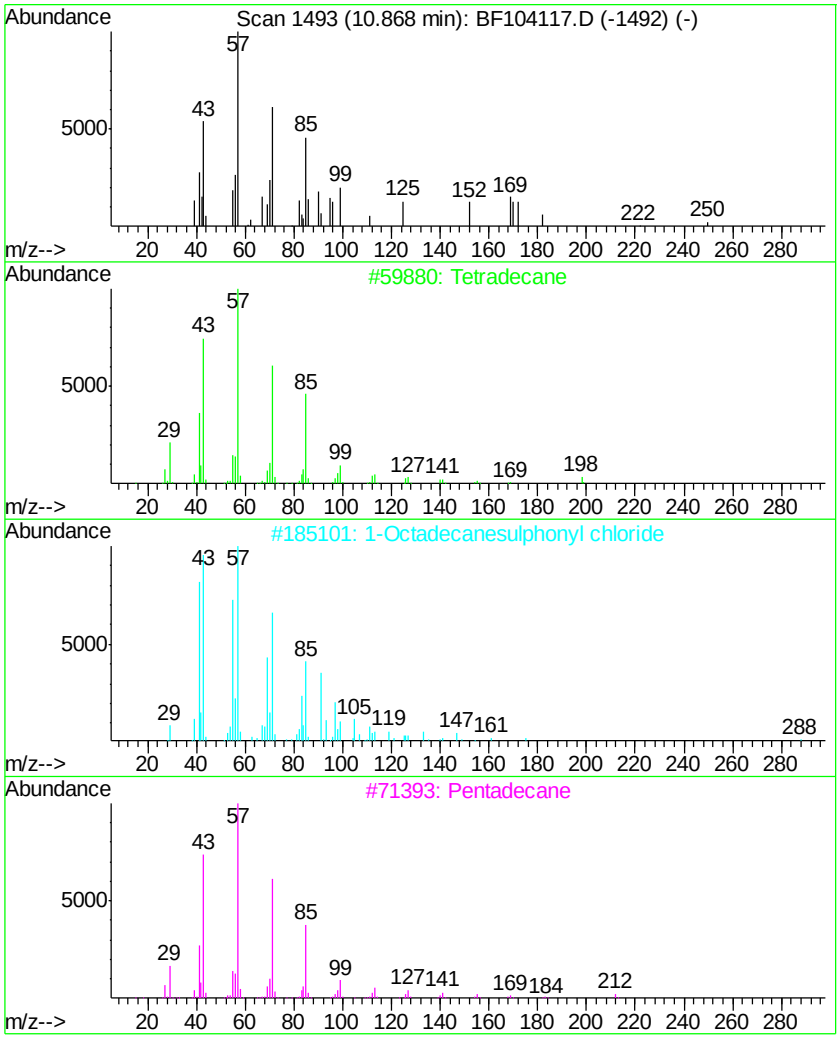
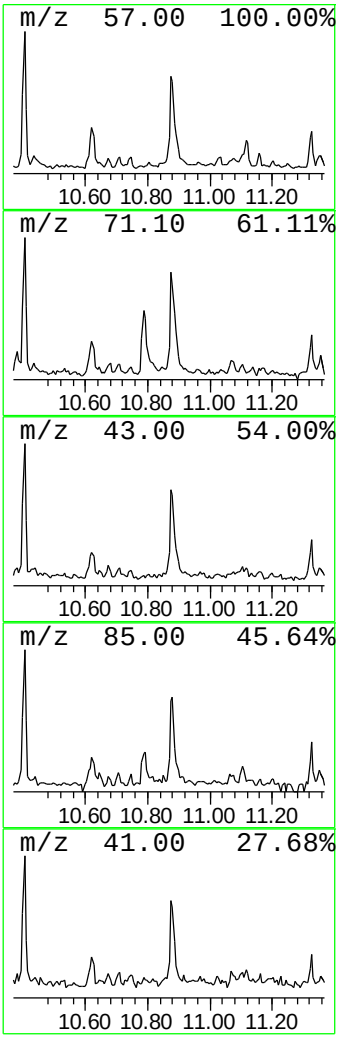
****

Peak Number 5 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	2.83 ng	91501	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Hexadecane	226	C16H34	000544-76-3	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
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Sample : J2142-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GB-RT-4252

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

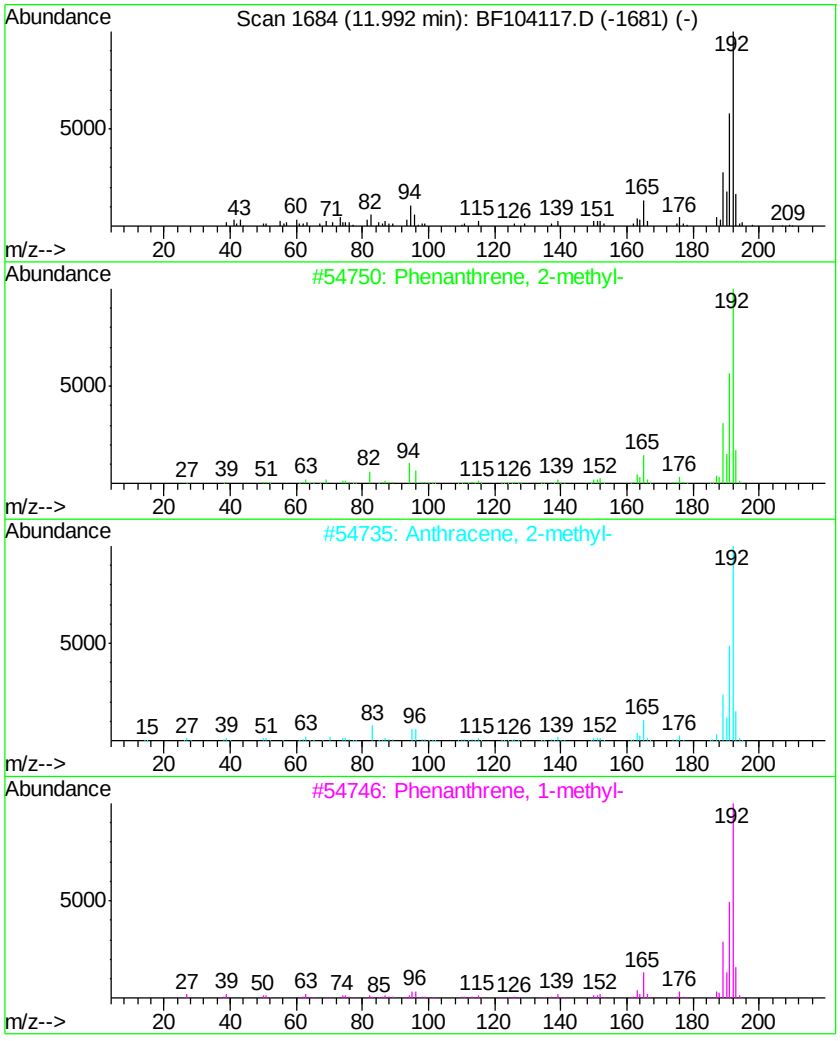
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

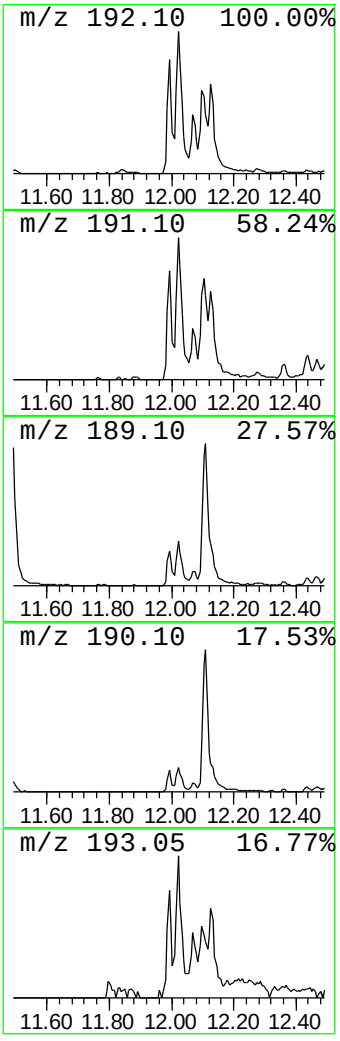
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.05 ng	131099	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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ALS Vial : 26 Sample Multiplier: 1

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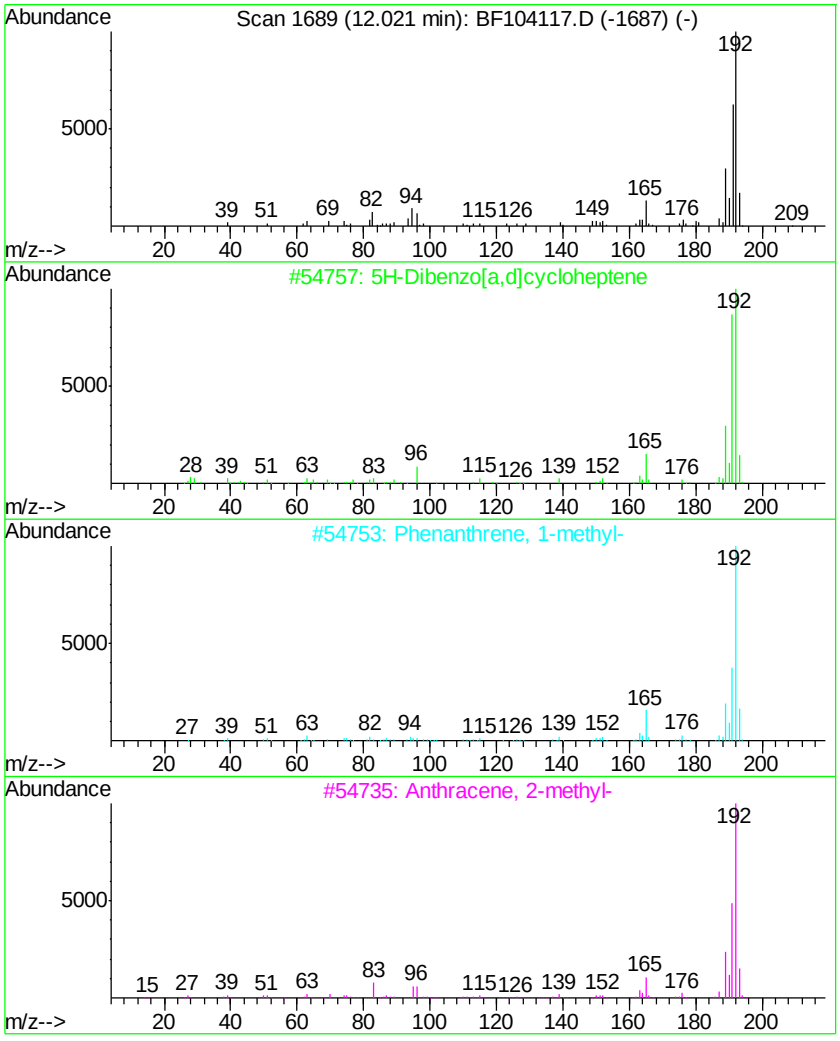
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

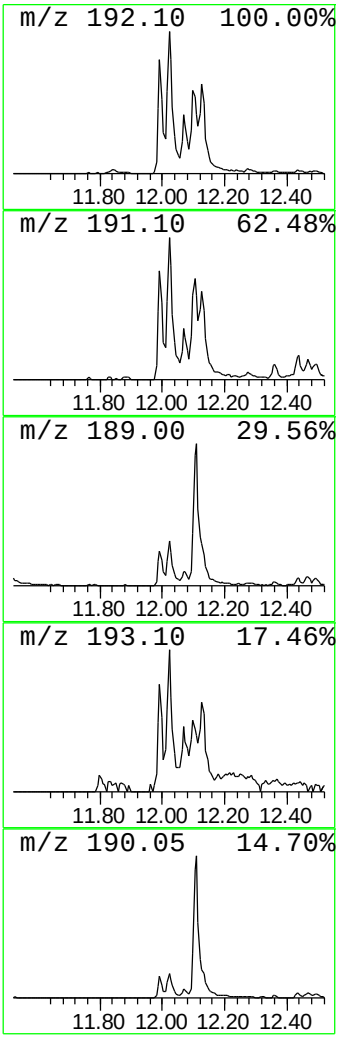
****

Peak Number 7 5H-Dibenzo[a,d]cycloheptene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.18 ng	135103	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : JU/SJ
Sample : J2142-07
Misc :
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ClientSampleId : GB-RT-4252

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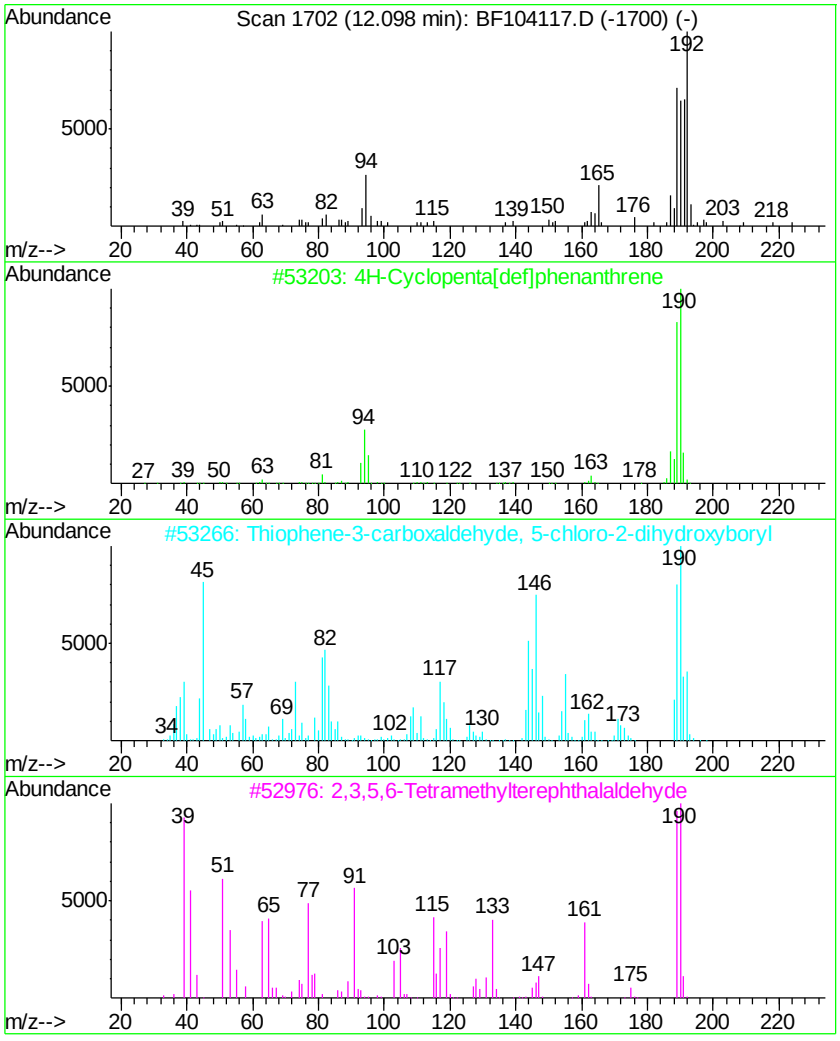
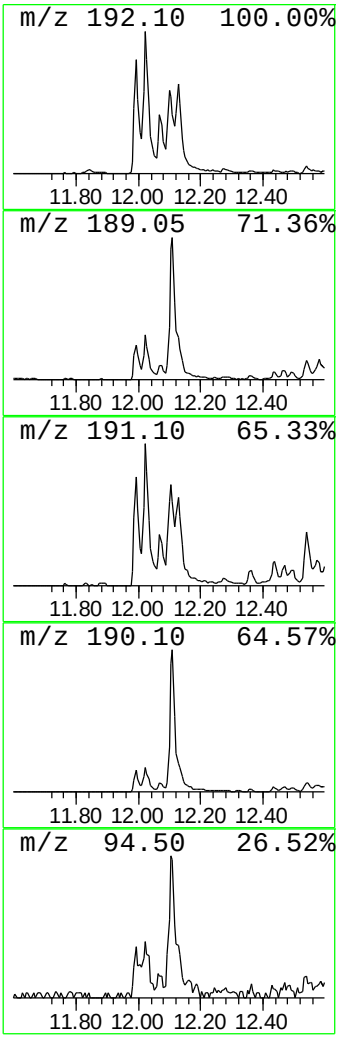
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	6.13 ng	198342	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40





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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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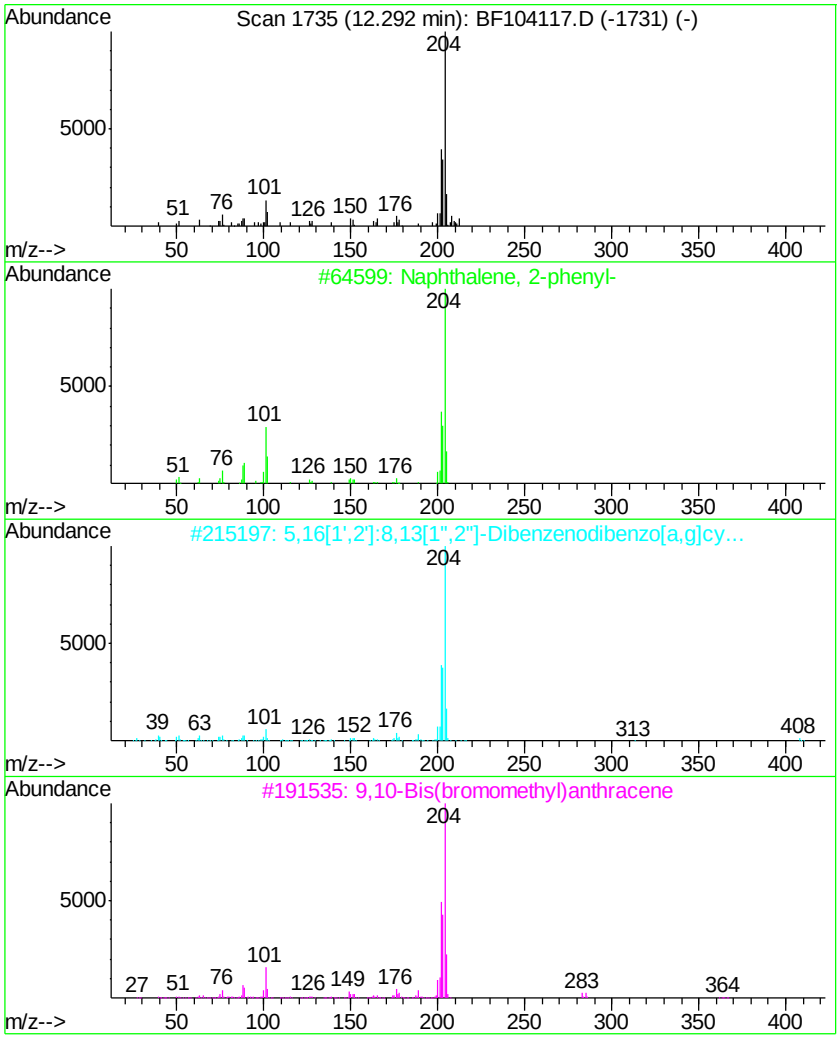
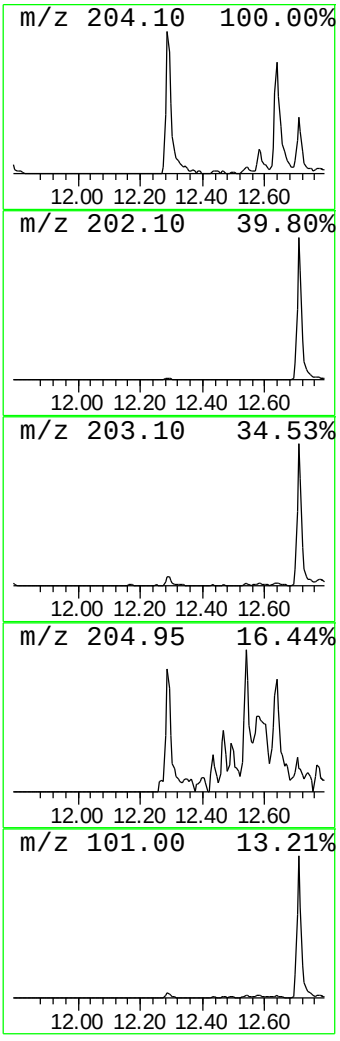
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.72 ng	88040	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





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ClientSampleId : GB-RT-4252

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

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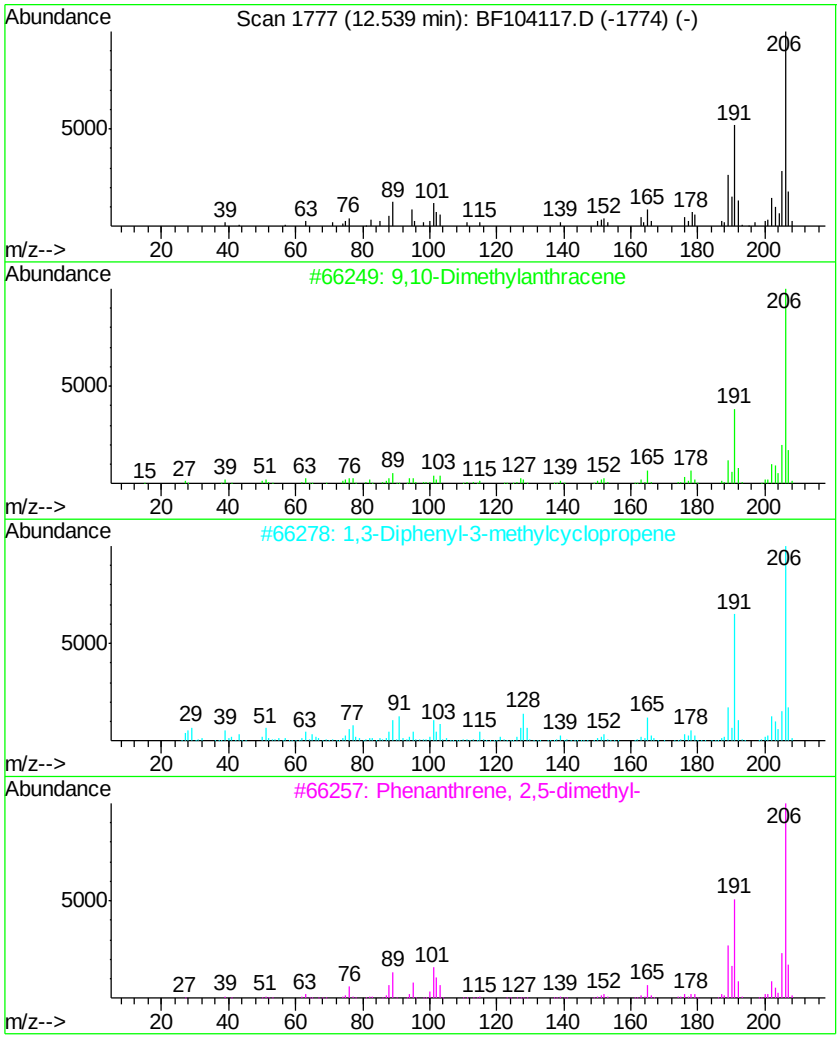
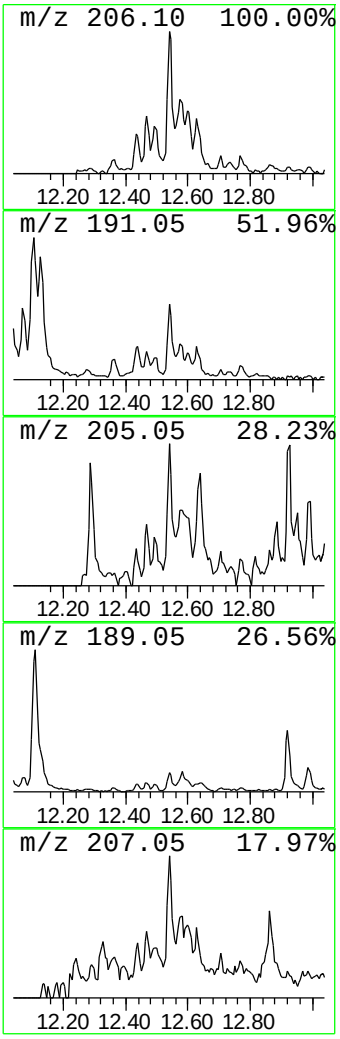
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.86 ng	92417	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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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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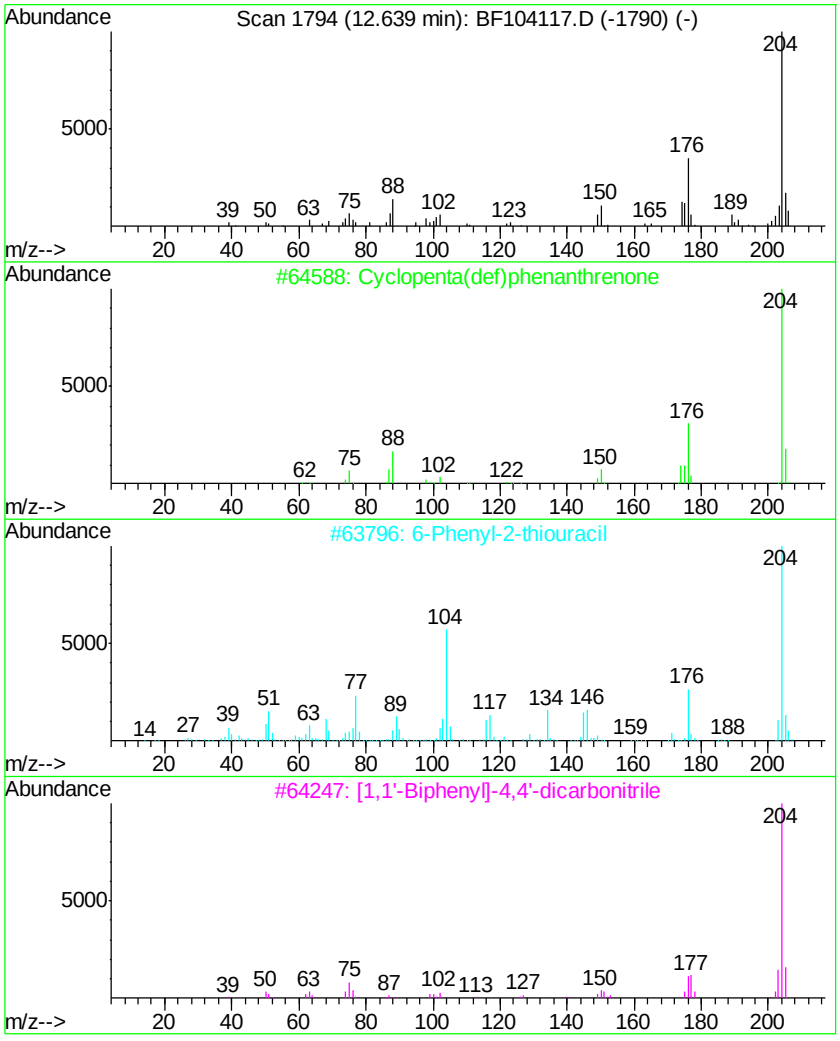
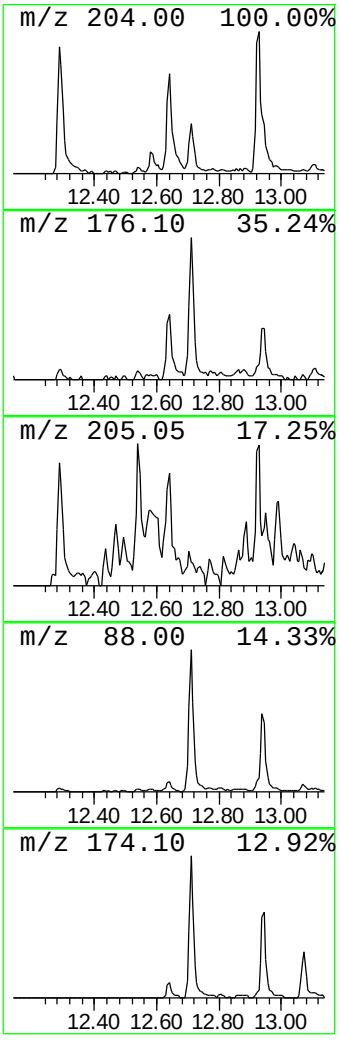
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	3.29 ng	106383	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	64
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	59
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	56





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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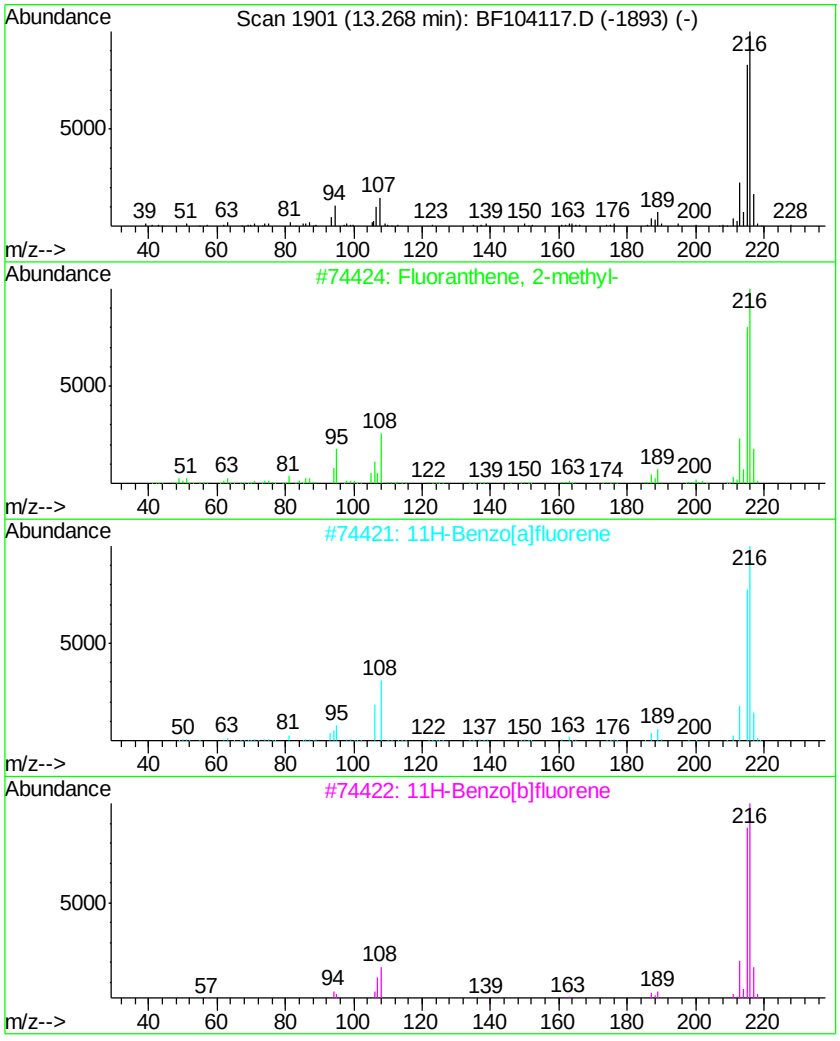
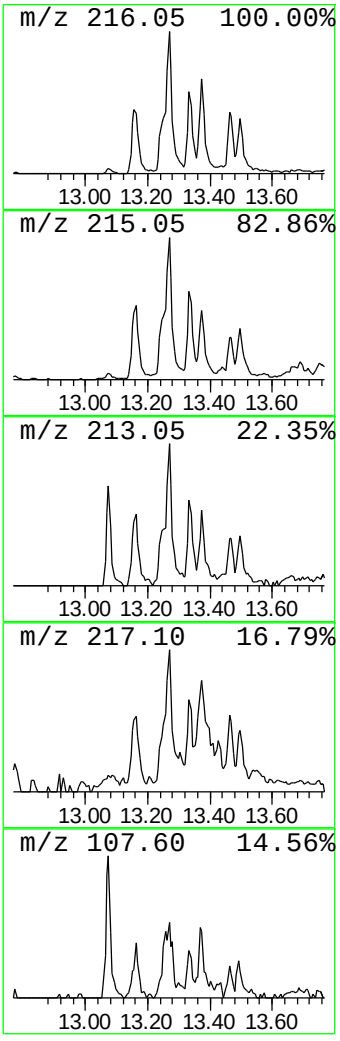
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.16 ng	262112	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





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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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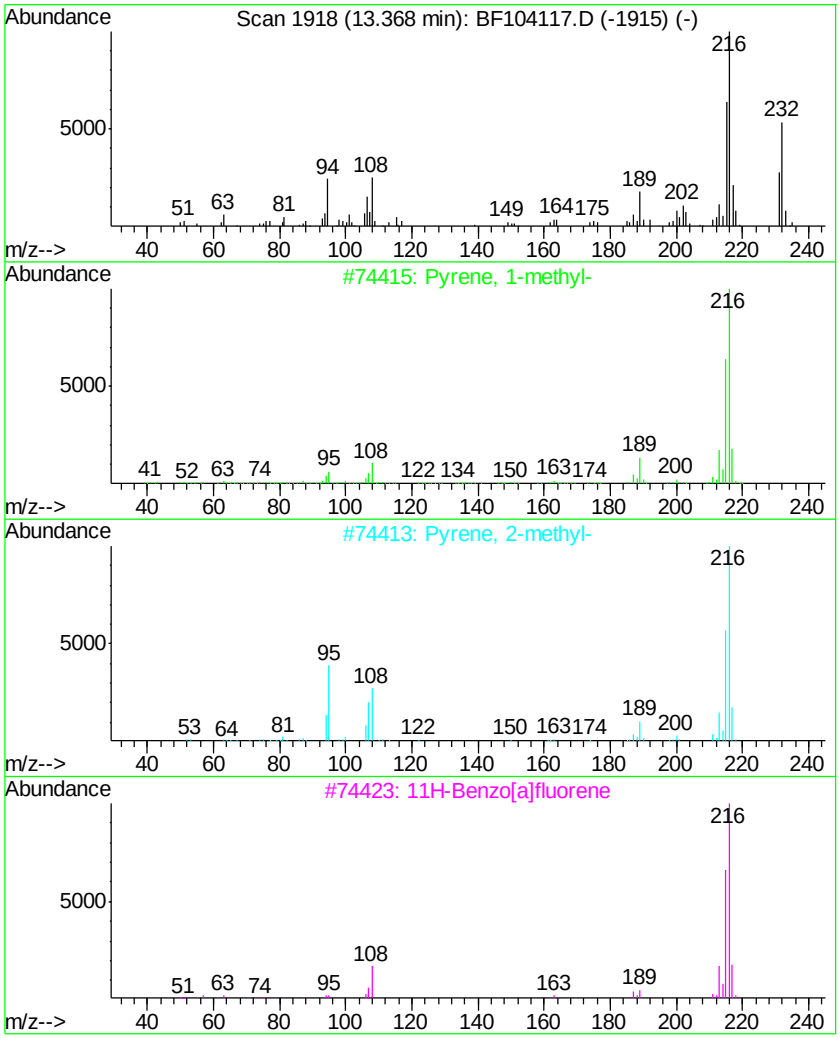
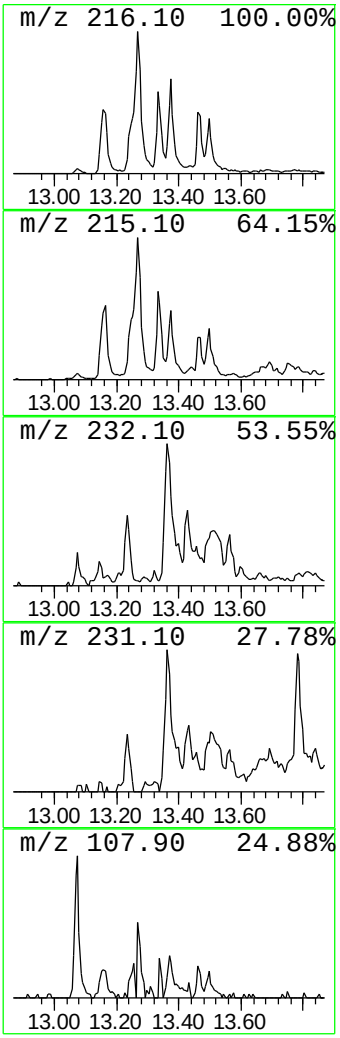
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.40 ng	199331	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76





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

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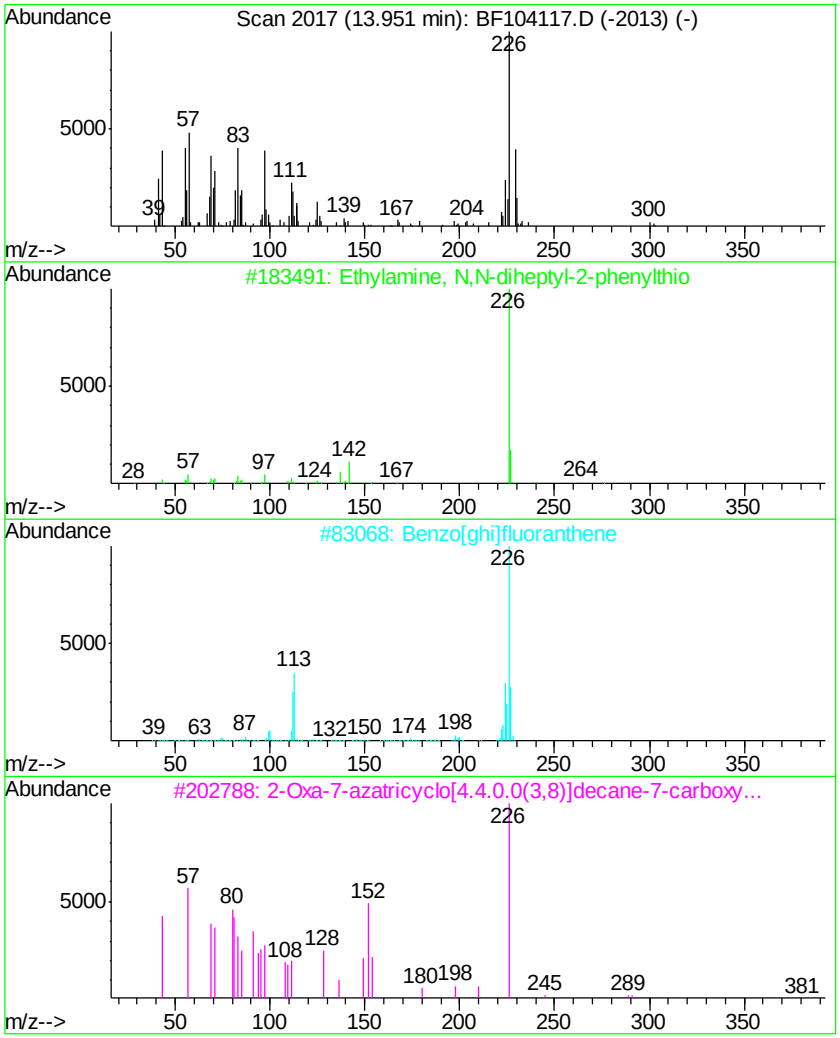
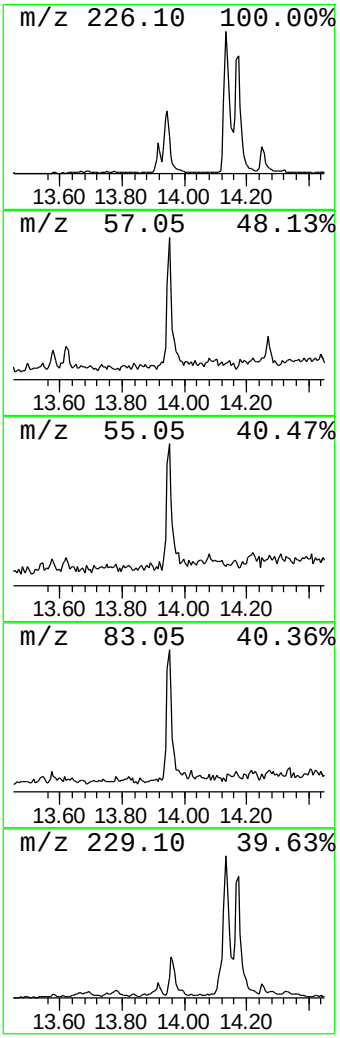
Peak Number 14 unknown13.95 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.21 ng	266293	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylamine, N,N-diheptyl-2-phenyl...	349	C22H39NS	1000310-32-6	38
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	25
3	2-Oxa-7-azatricyclo[4.4.0.0(3,8)...	381	C18H23NO6S	055905-56-1	23
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	14
5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	10





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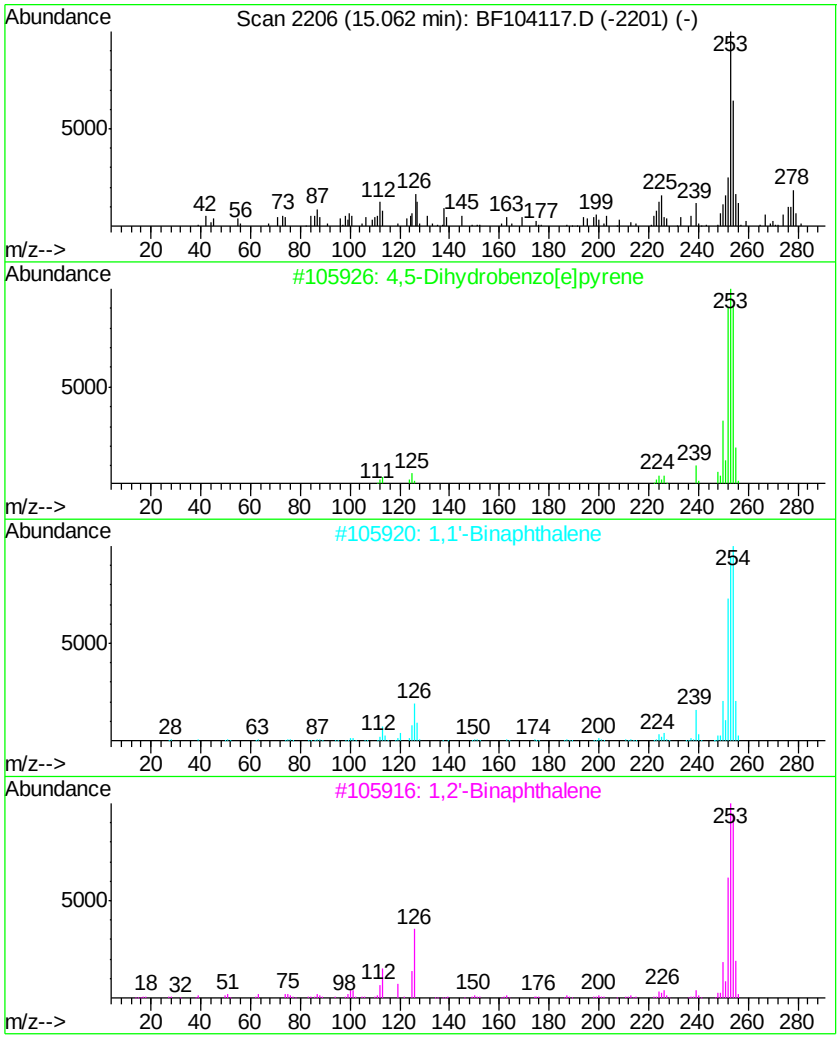
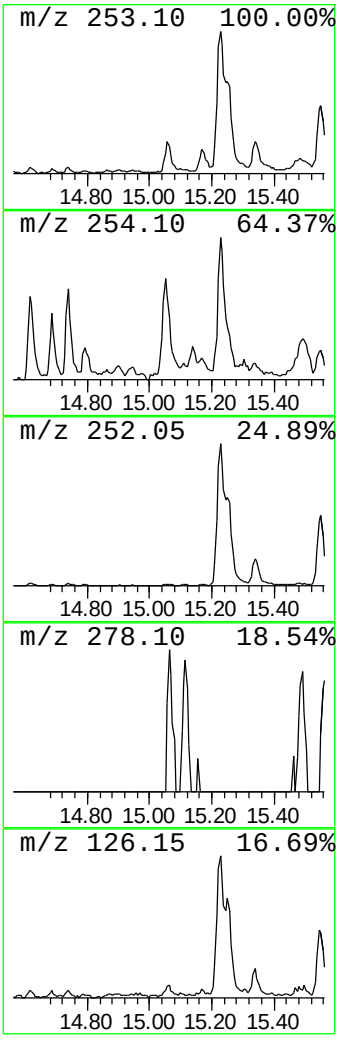
Peak Number 15 4,5-Dihydrobenzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.59 ng	74976	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
4	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	64
5	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	64





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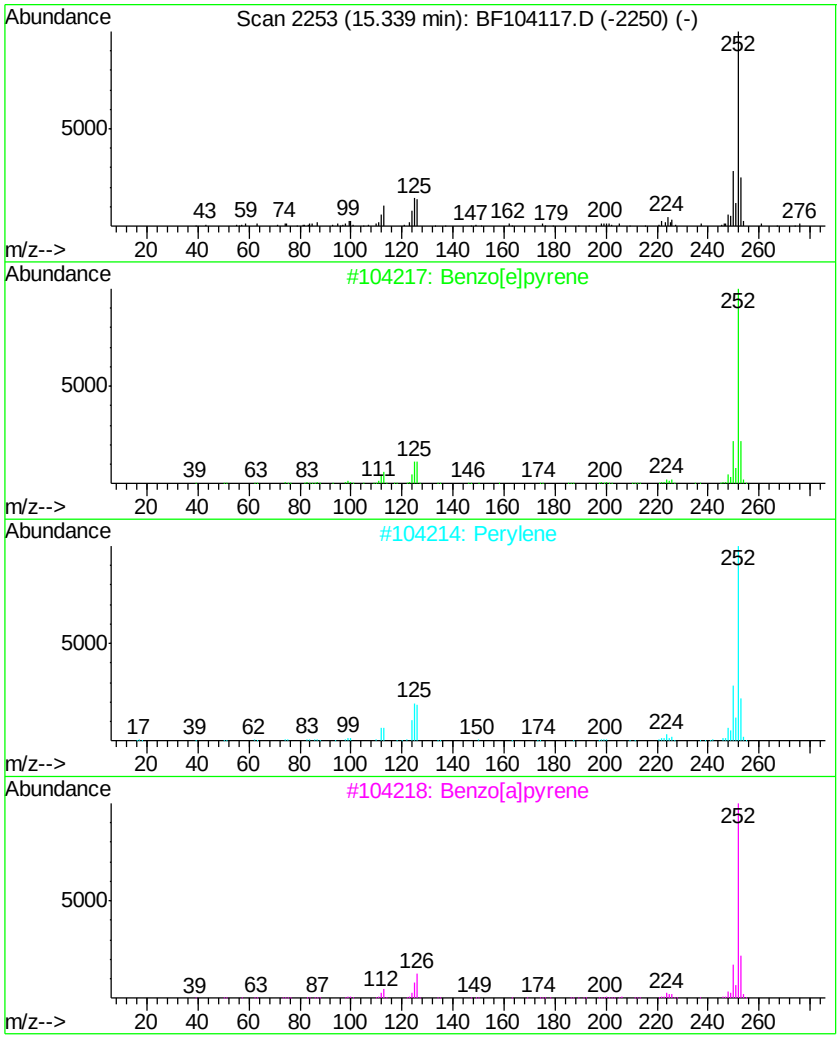
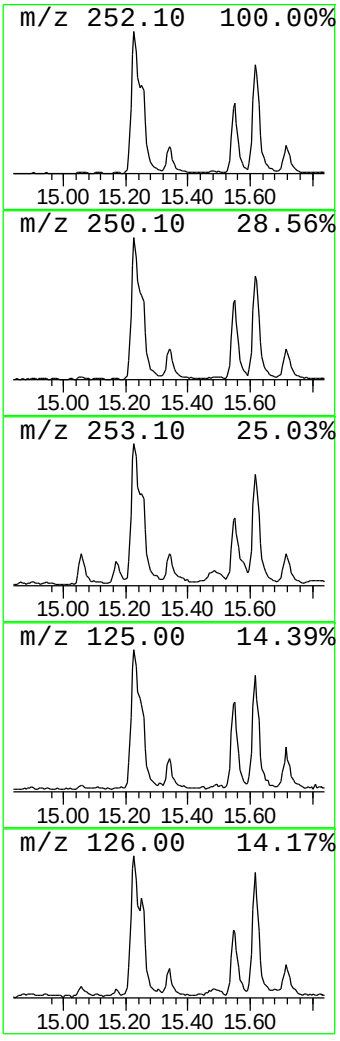
Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.18 ng	108205	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





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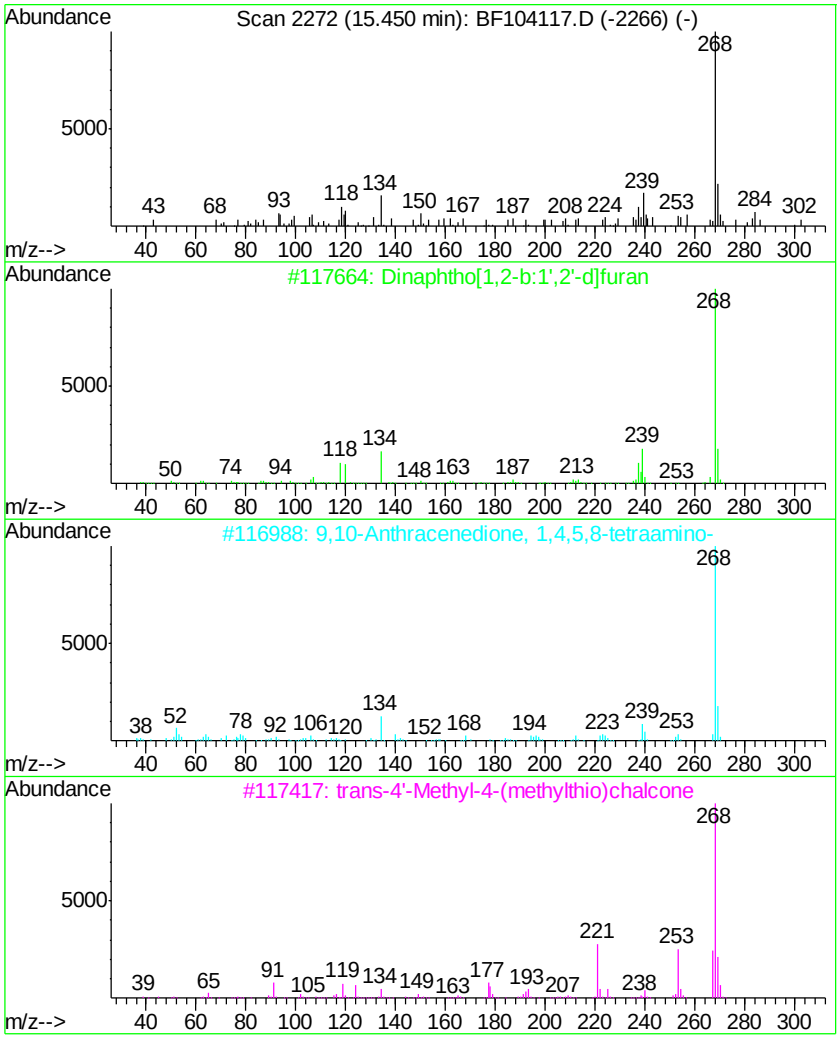
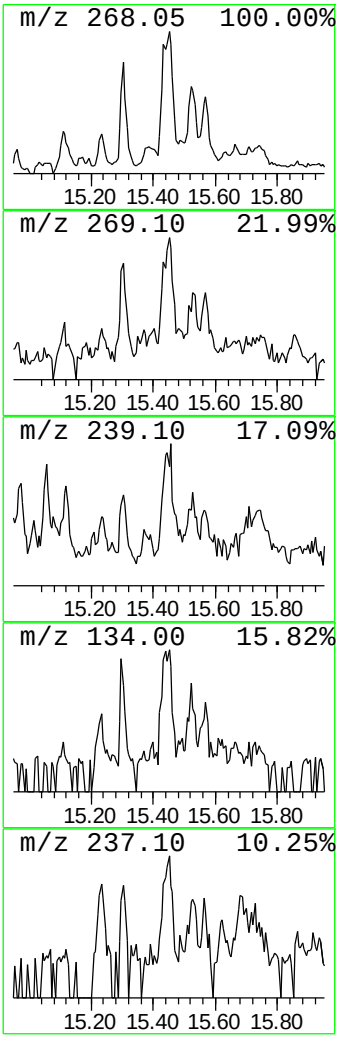
Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	3.45 ng	72096	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	91
2	9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	68
3	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	64
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	64





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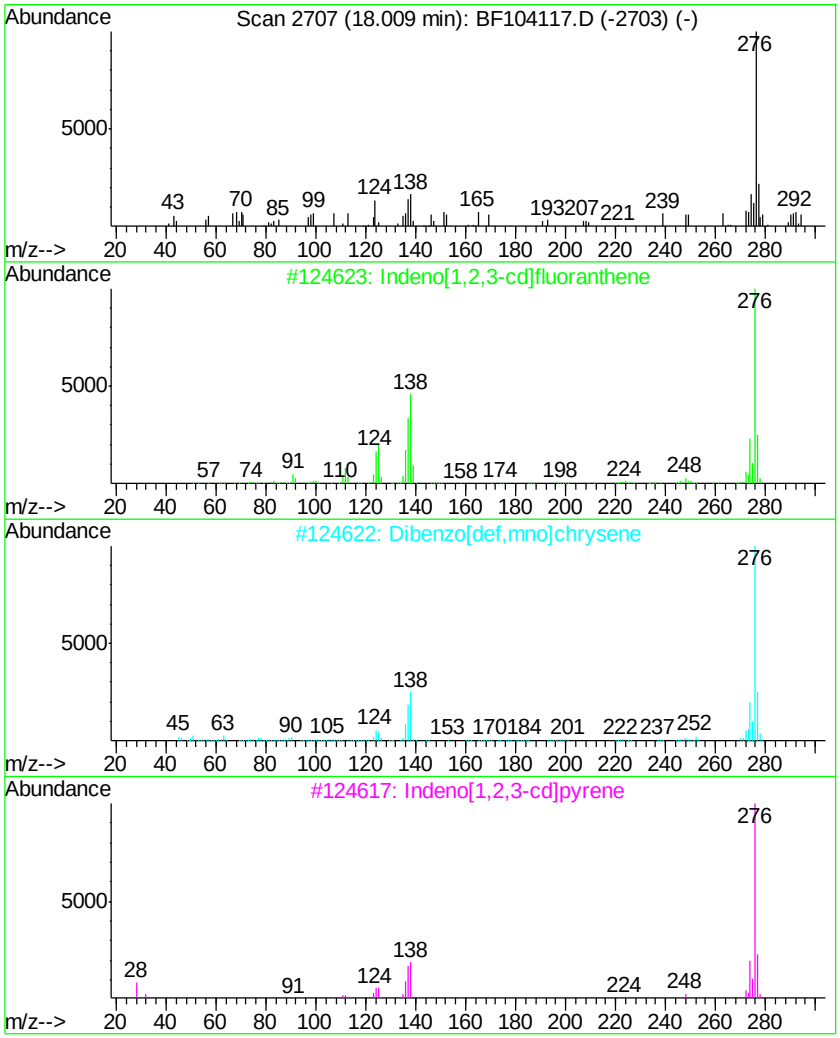
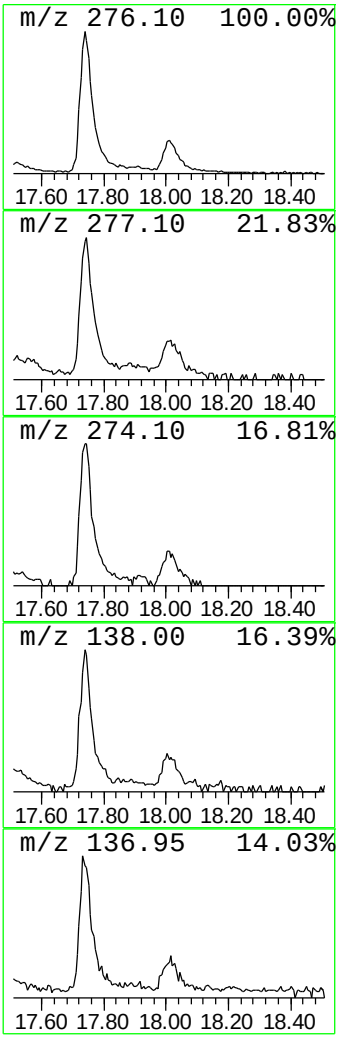
Peak Number 20 Indeno[1,2,3-cd]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.14 ng	86484	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	76
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	68
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	68
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	68
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	59





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF033018\
Data File : BF104117.D
Acq On : 31 Mar 2018 2:10
Operator : JU/SJ
Sample : J2142-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GB-RT-4252

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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...	2.29	3.8	ng	105644	1	6.96	564152	20.0
2-Pentanone, 4-hy...	5.20	3.1	ng	86864	1	6.96	564152	20.0
unknown6.73	6.73	81.5	ng	2300340	1	6.96	564152	20.0
Tetradecane	10.87	2.8	ng	91501	4	11.49	647165	20.0
Phenanthrene, 2-m...	11.99	4.0	ng	131099	4	11.49	647165	20.0
5H-Dibenzo[a,d]cy...	12.02	4.2	ng	135103	4	11.49	647165	20.0
4H-Cyclopenta[def...	12.10	6.1	ng	198342	4	11.49	647165	20.0
Naphthalene, 2-ph...	12.29	2.7	ng	88040	4	11.49	647165	20.0
9,10-Dimethylanth...	12.54	2.9	ng	92417	4	11.49	647165	20.0
Cyclopenta(def)ph...	12.64	3.3	ng	106383	4	11.49	647165	20.0
Fluoranthene, 2-m...	13.27	3.2	ng	262112	5	14.14	1658930	20.0
Pyrene, 1-methyl-	13.37	2.4	ng	199331	5	14.14	1658930	20.0
unknown13.95	13.95	3.2	ng	266293	5	14.14	1658930	20.0
4,5-Dihydrobenzo[...	15.06	3.6	ng	74976	6	15.69	417778	20.0
Benzo[e]pyrene	15.34	5.2	ng	108205	6	15.69	417778	20.0
Dinaphtho[1,2-b:1...	15.45	3.5	ng	72096	6	15.69	417778	20.0
Indeno[1,2,3-cd]f...	18.01	4.1	ng	86484	6	15.69	417778	20.0