LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

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-BF010918.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	3.693	267	273	279	rBV	98373	146598	2.59%	0.322%
2	5.187	524	527	530	rBV	83787	75572	1.33%	0.166%
3	5.298	542	546	548	rBV	127862	133045	2.35%	0.292%
4	5.557	585	590	594	rVB2	86337	112602	1.99%	0.247%
5	6.357	722	726	729	rVB2	130975	124571	2.20%	0.273%
6	6.551	756	759	762	rBV2	128495	133501	2.36%	0.293%
7	6.728	785	789	792	rBV	1591537	1323527	23.35%	2.904%
8	6.904	816	819	823	rVB	384642	300598	5.30%	0.660%
9	6.987	828	833	836	rBV	665353	567888	10.02%	1.246%
10	7.134	852	858	862	rBV	85971	89689	1.58%	0.197%
11	7.757	960	964	967	rBV3	64896	74832	1.32%	0.164%
12	7.792	967	970	975	rVB2	85920	101151	1.78%	0.222%
13	8.010	1002	1007	1008	rBV	1985113	1826894	32.24%	4.008%
14	8.034	1008	1011	1014	rVV	5779053	5667369	100.00%	12.434%
15	8.081	1014	1019	1022	rVB	275230	213805	3.77%	0.469%
16	8.357	1063	1066	1070	rBV	90069	84723	1.49%	0.186%
17	8.645	1111	1115	1118	rBV	56269	58498	1.03%	0.128%
18	8.722	1123	1128	1131	rBV	1696211	1321461	23.32%	2.899%
19	8.822	1139	1145	1148	rVB	801302	714551	12.61%	1.568%
20	9.186	1203	1207	1210	rVB	309058	269617	4.76%	0.592%
21	9.280	1220	1223	1228	rVB	132862	131549	2.32%	0.289%
22	9.345	1228	1234	1238	rBV2	194817	271119	4.78%	0.595%
23	9.422	1242	1247	1249	rBV	260934	259714	4.58%	0.570%
24	9.445	1249	1251	1255	rVV	180305	143728	2.54%	0.315%
25	9.486	1255	1258	1261	rVB	77066	66305	1.17%	0.145%
26	9.533	1261	1266	1272	rBV	115105	136946	2.42%	0.300%
27	9.622	1276	1281	1284	rBV	1010319	806211	14.23%	1.769%
28	9.763	1298	1305	1308	rBV	2121464	1971365	34.78%	4.325%
29	9.792	1308	1310	1314	rVB	1166744	881422	15.55%	1.934%
30	9.963	1336	1339	1343	rVB	1101963	877757	15.49%	1.926%
31	10.075	1352	1358	1361	rBV3	55046	74937	1.32%	0.164%
32	10.104	1361	1363	1370	rVB2	52544	59546	1.05%	0.131%
33	10.169	1370	1374	1375	rBV3	48828	59496	1.05%	0.131%
34	10.210	1379	1381	1384	rVB	88766	66730	1.18%	0.146%

LSC Area Percent Report

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Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.304	1394	1397	1403	rVB	1426311	1297777	22.90%	2.847%
36	10.416	1413	1416	1421	rVB2	90023	87106	1.54%	0.191%
37	10.463	1421	1424	1426	rBV	203781	155493	2.74%	0.341%
38	10.545	1432	1438	1442	rVB2	213010	373453	6.59%	0.819%
39	10.675	1456	1460	1464	rBV2	57514	84647	1.49%	0.186%
40	10.851	1485	1490	1493	rBV2	156619	169431	2.99%	0.372%
41	10.933	1501	1504	1508	rBV2	73547	71780	1.27%	0.157%
42	11.004	1514	1516	1521	rVB	55514	58504	1.03%	0.128%
43	11.051	1521	1524	1527	rVB2	65400	59215	1.04%	0.130%
44	11.139	1534	1539	1545	rVB	351319	352182	6.21%	0.773%
45	11.245	1553	1557	1559	rBV	1802129	1808152	31.90%	3.967%
46	11.269	1559	1561	1564	rVV	3847514	3295441	58.15%	7.230%
47	11.316	1564	1569	1572	rVV	1313903	1208546	21.32%	2.652%
48	11.351	1572	1575	1579	rVB	85066	82434	1.45%	0.181%
49	11.474	1593	1596	1598	rVB	329008	271450	4.79%	0.596%
50	11.539	1604	1607	1610	rVV3	102127	82154	1.45%	0.180%
51	11.569	1610	1612	1617	rVB3	70614	75922	1.34%	0.167%
52	11.651	1624	1626	1631	rVB	59297	66495	1.17%	0.146%
53	11.739	1638	1641	1644	rBV	292462	280804	4.95%	0.616%
54	11.769	1644	1646	1651	rVB	473872	386474	6.82%	0.848%
55	11.816	1651	1654	1657	rBV	202569	172303	3.04%	0.378%
56	11.857	1657	1661	1663	rBV	625711	659306	11.63%	1.447%
57	12.039	1689	1692	1695	rBV	264026	195378	3.45%	0.429%
58	12.292	1729	1735	1738	rBV2	126762	162577	2.87%	0.357%
59	12.327	1738	1741	1746	rVV3	95835	165930	2.93%	0.364%
60	12.374	1746	1749	1754	rVV6	50022	84028	1.48%	0.184%
61	12.451	1758	1762	1766	rBV	2325369	2210458	39.00%	4.850%
62	12.545	1775	1778	1781	rVB	411186	328607	5.80%	0.721%
63	12.604	1781	1788	1795	rVB3	83242	171684	3.03%	0.377%
64	12.680	1795	1801	1804	rBV2	1987497	2001082	35.31%	4.390%
65	12.727	1807	1809	1814	rVB3	113224	114789	2.03%	0.252%
66	12.798	1818	1821	1824	rBV	142238	130066	2.29%	0.285%
67	12.833	1824	1827	1832	rVB2	72430	96997	1.71%	0.213%
68	12.898	1832	1838	1841	rBV2	113276	194733	3.44%	0.427%
69	12.980	1845	1852	1854	rVV4	109664	164988	2.91%	0.362%
70	13.004	1854	1856	1860	rVB	383230	342347	6.04%	0.751%
71	13.074	1865	1868	1870	rVV	413975	348425	6.15%	0.764%

LSC Area Percent Report

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Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.110	1870	1874	1878	rVV2	185529	181971	3.21%	0.399%
73	13.174	1881	1885	1888	rBV	182711	184643	3.26%	0.405%
74	13.198	1888	1889	1892	rVV	77088	60942	1.08%	0.134%
75	13.233	1892	1895	1900	rVB	88172	93651	1.65%	0.205%
76	13.621	1956	1961	1964	rBV2	95196	121407	2.14%	0.266%
77	13.651	1964	1966	1968	rVV	132261	117169	2.07%	0.257%
78	13.674	1968	1970	1977	rVB3	96112	129308	2.28%	0.284%
79	13.874	1996	2004	2007	rBV2	1430262	2070099	36.53%	4.542%
80	13.898	2007	2008	2014	rVB	641664	499733	8.82%	1.096%
81	14.063	2033	2036	2038	rBV2	50852	60466	1.07%	0.133%
82	14.257	2061	2069	2072	rBV	130783	180266	3.18%	0.396%
83	14.292	2072	2075	2079	rVB2	67818	64251	1.13%	0.141%
84	14.351	2079	2085	2088	rBV2	108641	146225	2.58%	0.321%
85	14.404	2092	2094	2098	rVB3	122763	126406	2.23%	0.277%
86	14.886	2172	2176	2179	rBV	475294	727084	12.83%	1.595%
87	14.957	2186	2188	2190	rBV	71660	74461	1.31%	0.163%
88	14.986	2190	2193	2198	rVB	168978	196200	3.46%	0.430%
89	15.174	2220	2225	2230	rVB	322005	379979	6.70%	0.834%
90	15.233	2230	2235	2241	rVV	551362	626378	11.05%	1.374%
91	15.292	2241	2245	2248	rVV	883564	1066963	18.83%	2.341%
92	15.321	2248	2250	2256	rVB2	161788	230442	4.07%	0.506%
93	15.751	2319	2323	2328	rBV7	41712	71312	1.26%	0.156%
94	15.815	2331	2334	2343	rVB3	56632	94405	1.67%	0.207%
95	16.662	2472	2478	2486	rVB2	233853	449445	7.93%	0.986%
96	16.833	2504	2507	2512	rVB	45127	64526	1.14%	0.142%
97	16.886	2512	2516	2520	rBV2	44964	71970	1.27%	0.158%
98	17.074	2542	2548	2555	rBV	187900	363058	6.41%	0.797%
99	17.292	2580	2585	2593	rVB2	84484	167902	2.96%	0.368%

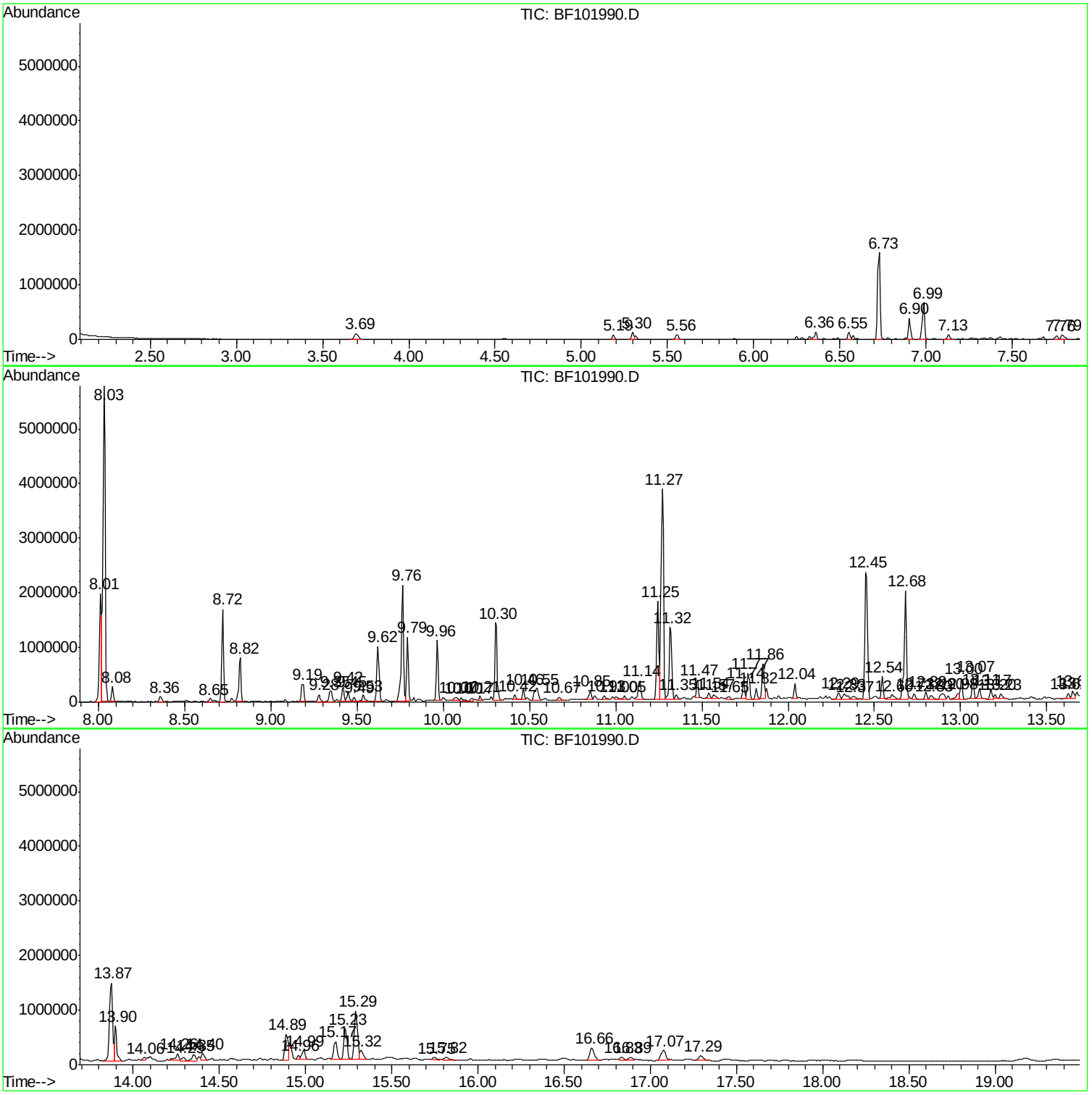
Sum of corrected areas: 45579137

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

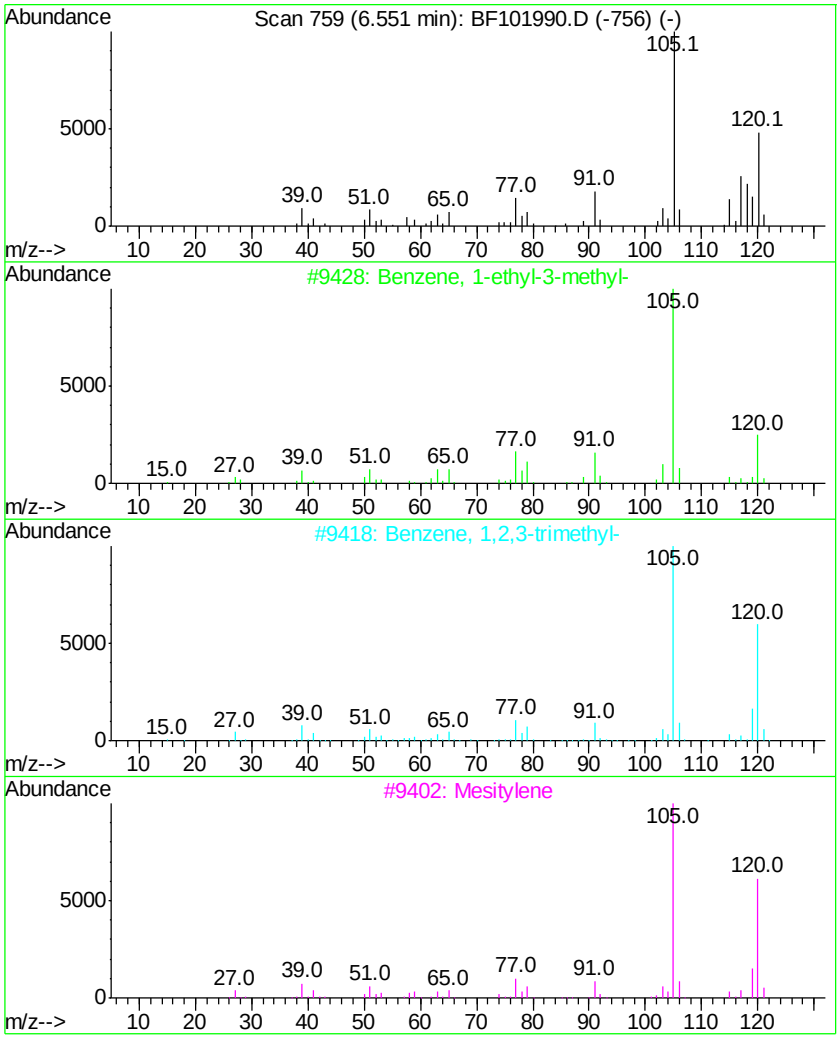
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

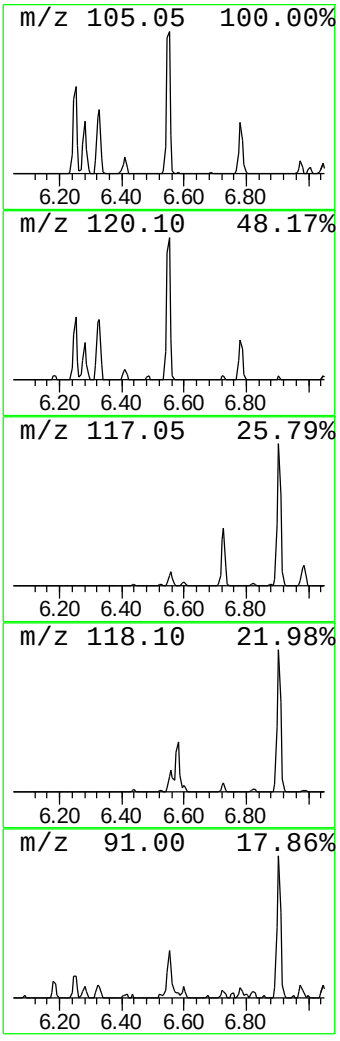
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	2.02 ng	133501	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
3	Mesitylene	120	C9H12	000108-67-8	64
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
5	2,4-Nonadiyne	120	C9H12	063621-15-8	60





Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

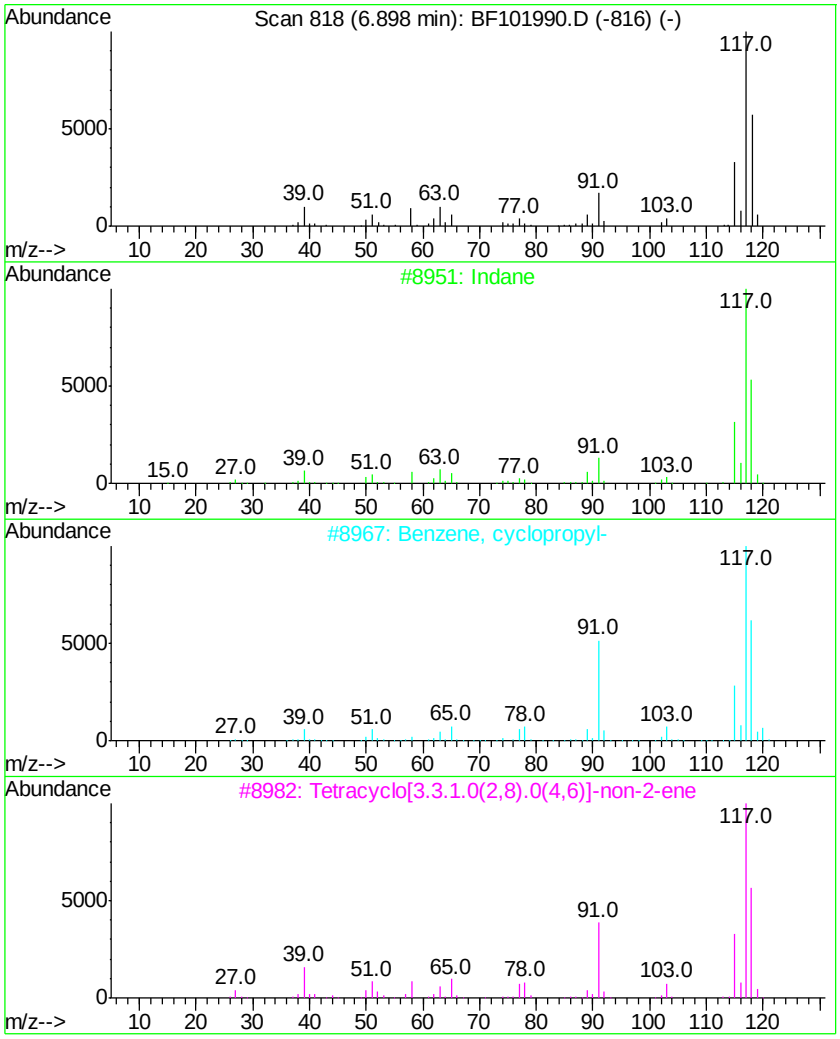
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

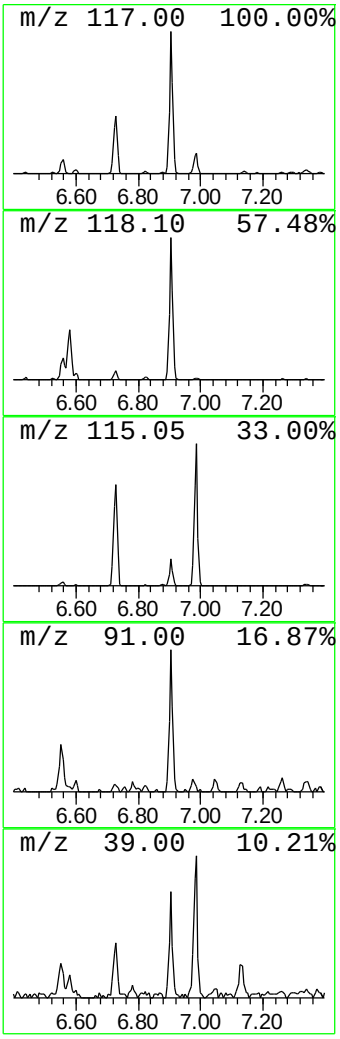
****

Peak Number 4 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	4.54 ng	300598	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74





Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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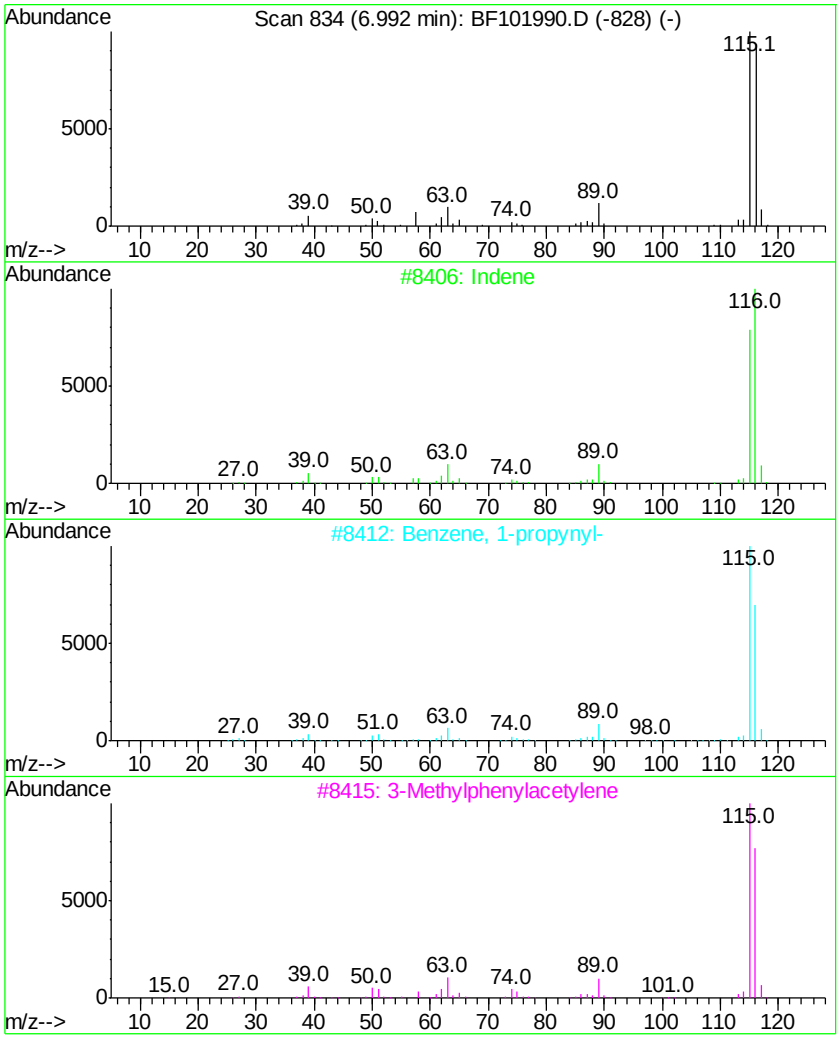
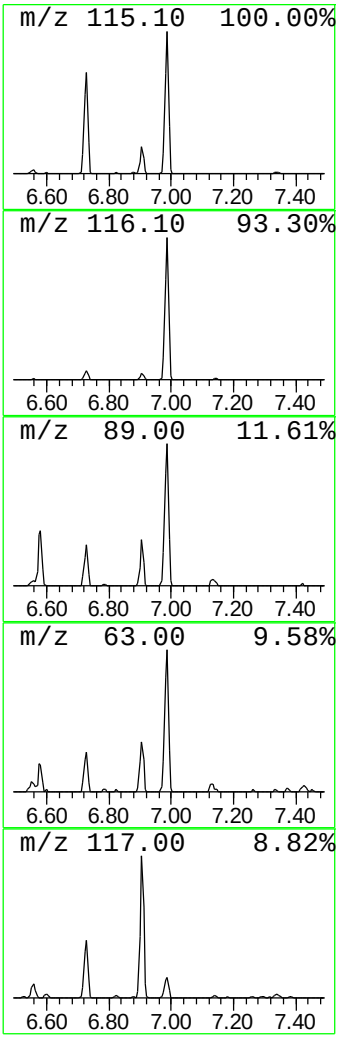
Peak Number 5 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	8.58 ng	567888	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

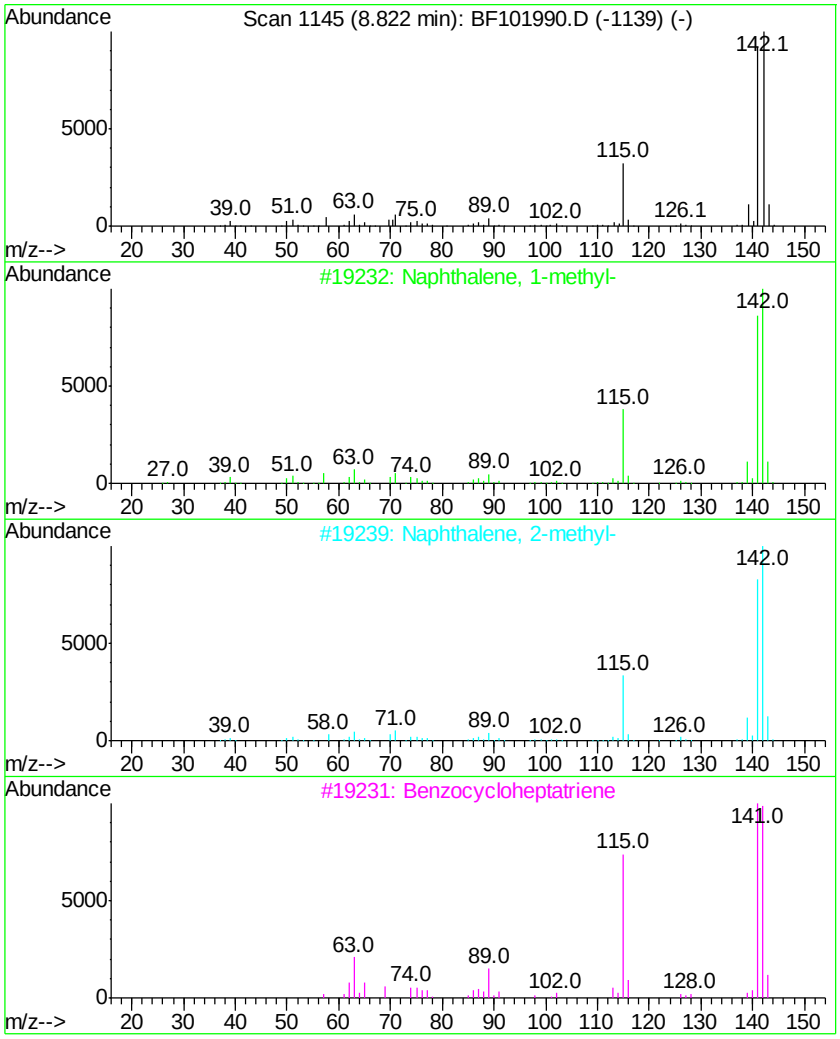
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

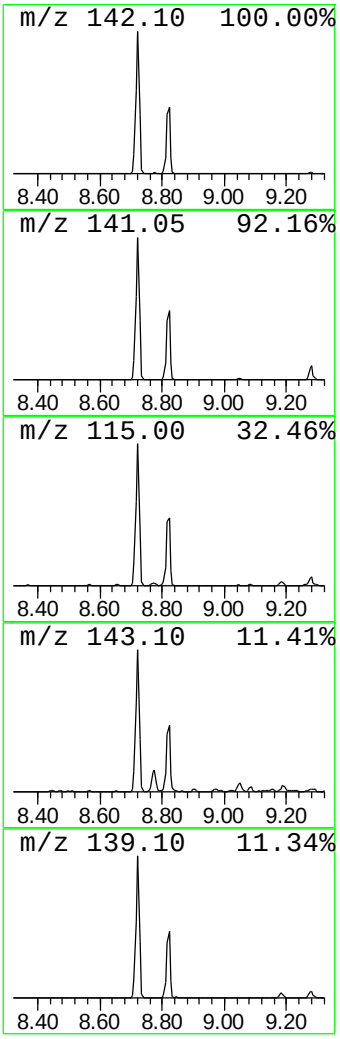
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	7.82 ng	714551	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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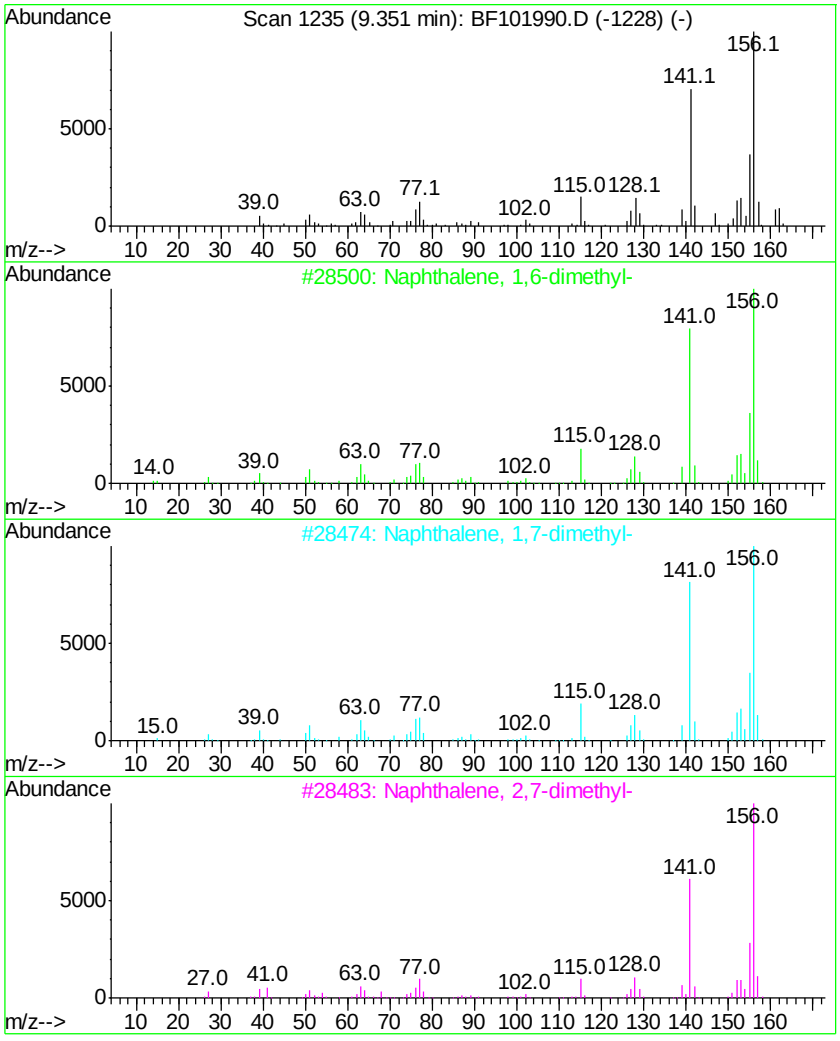
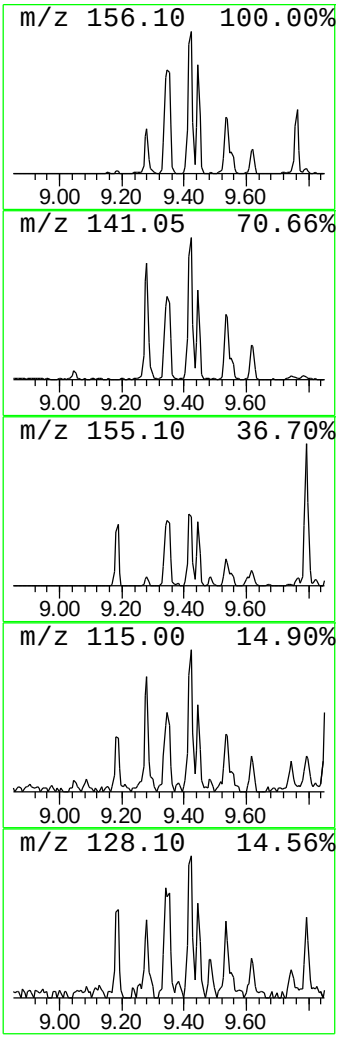
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	2.75 ng	271119	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

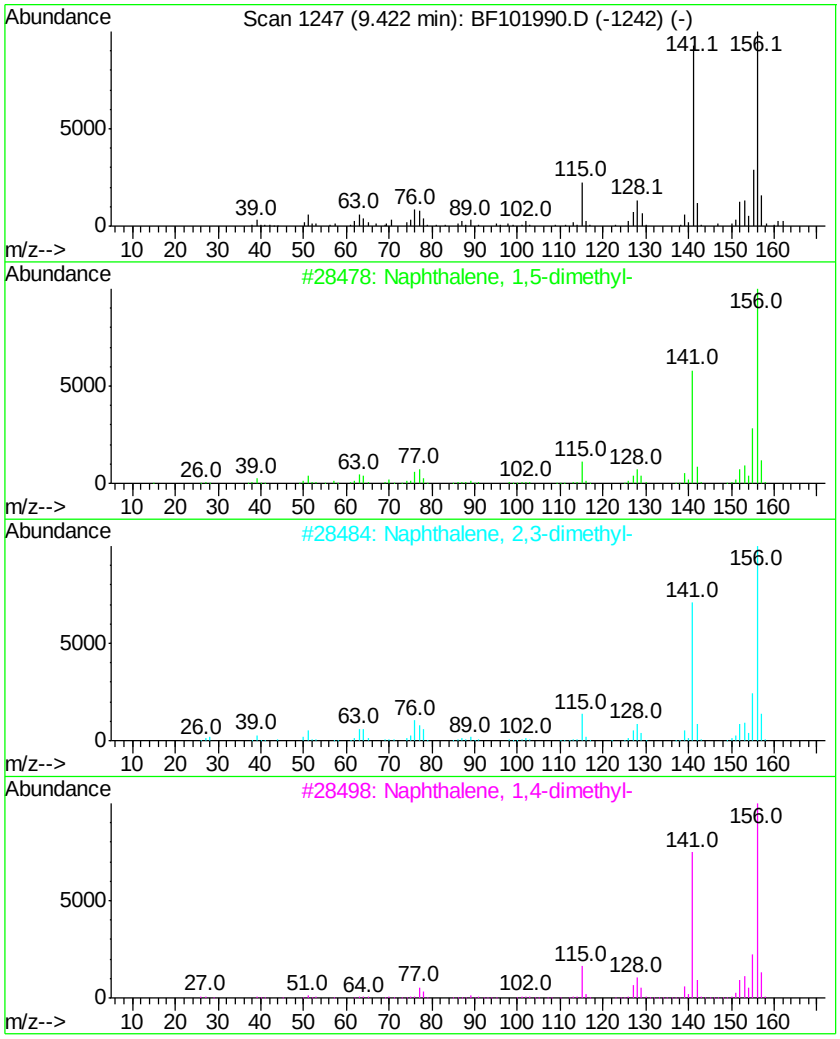
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

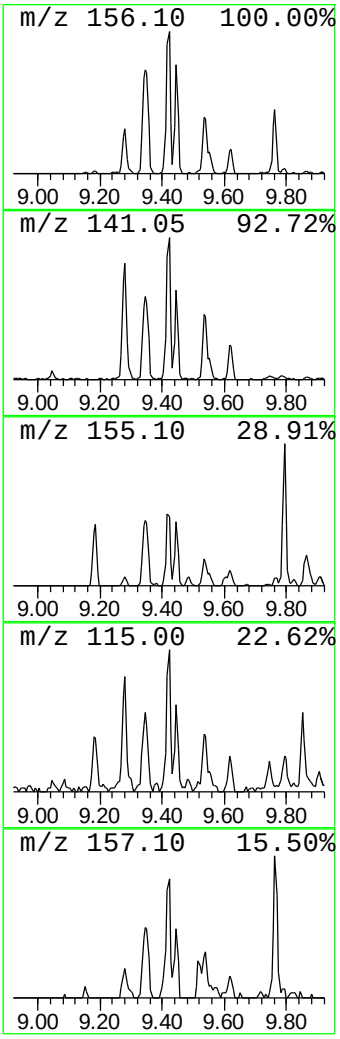
****

Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	2.63 ng	259714	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94





Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

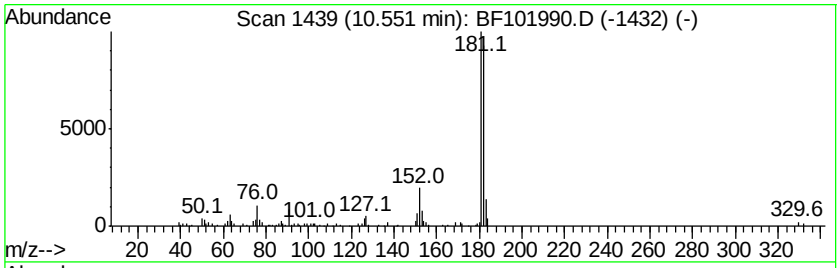
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

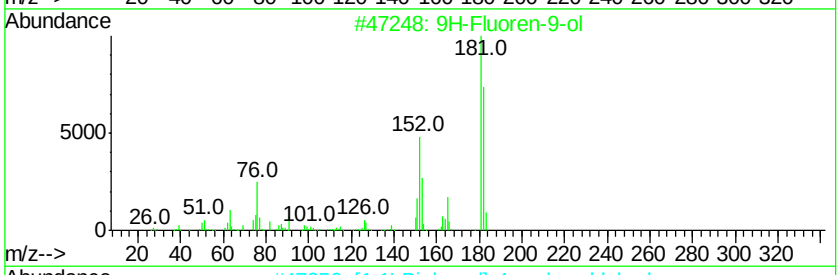
****

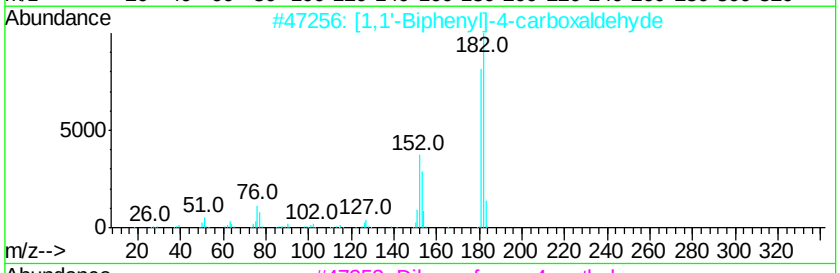
Peak Number 9 9H-Fluoren-9-ol Concentration Rank 7

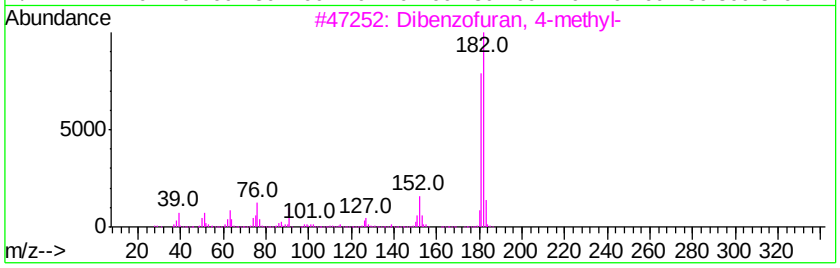
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	4.13 ng	373453	Phenanthrene-d10	11.25

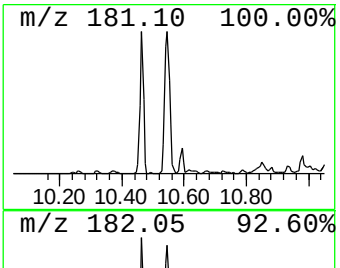
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	59
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	59

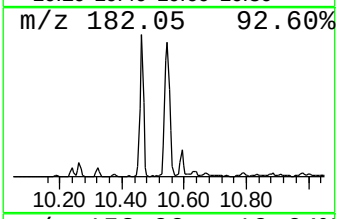


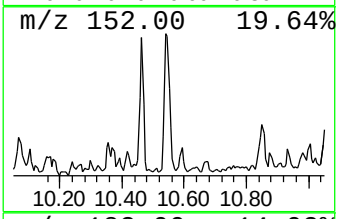


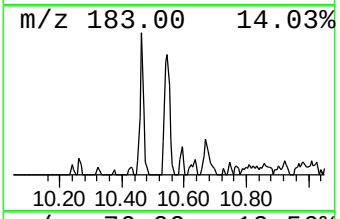


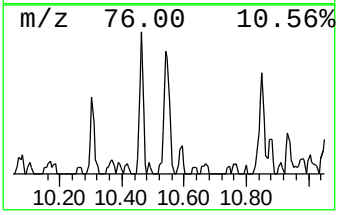












Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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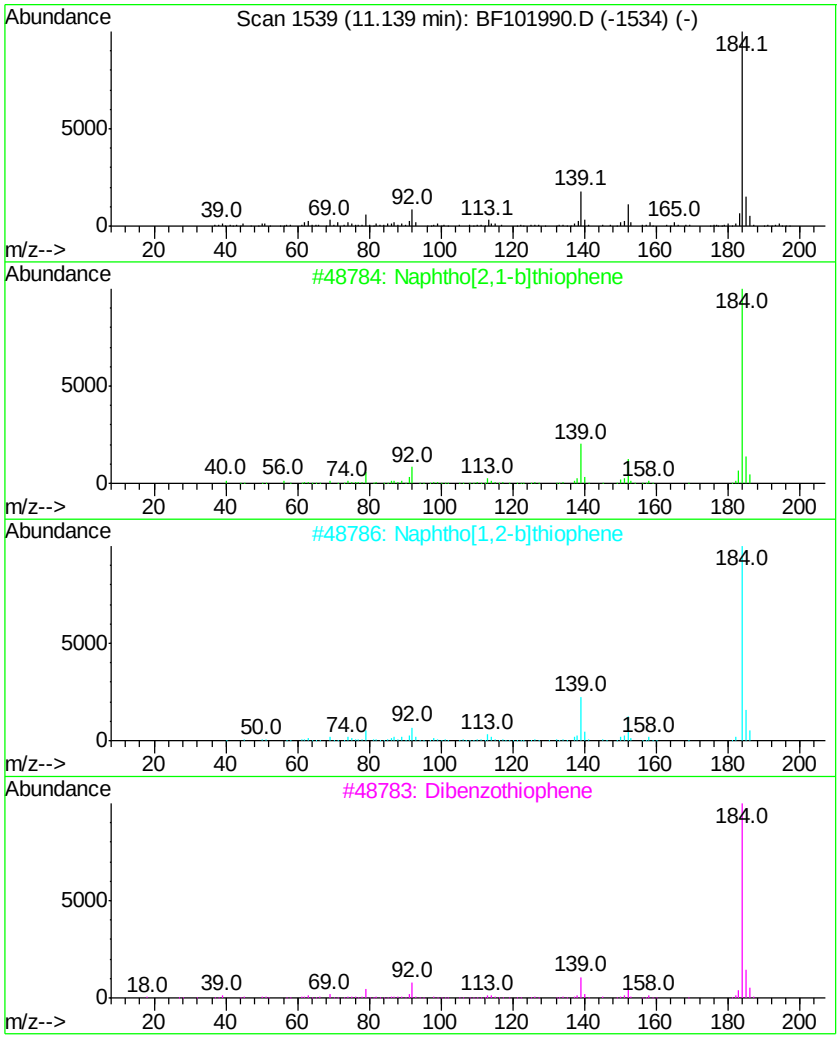
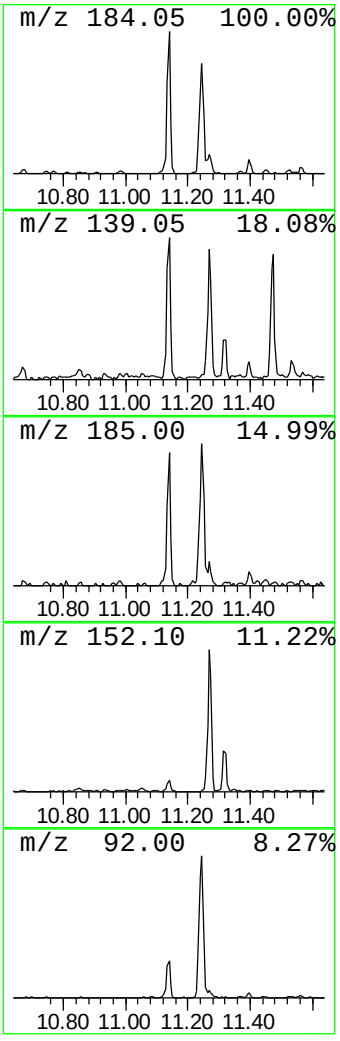
Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	3.90 ng	352182	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	86





Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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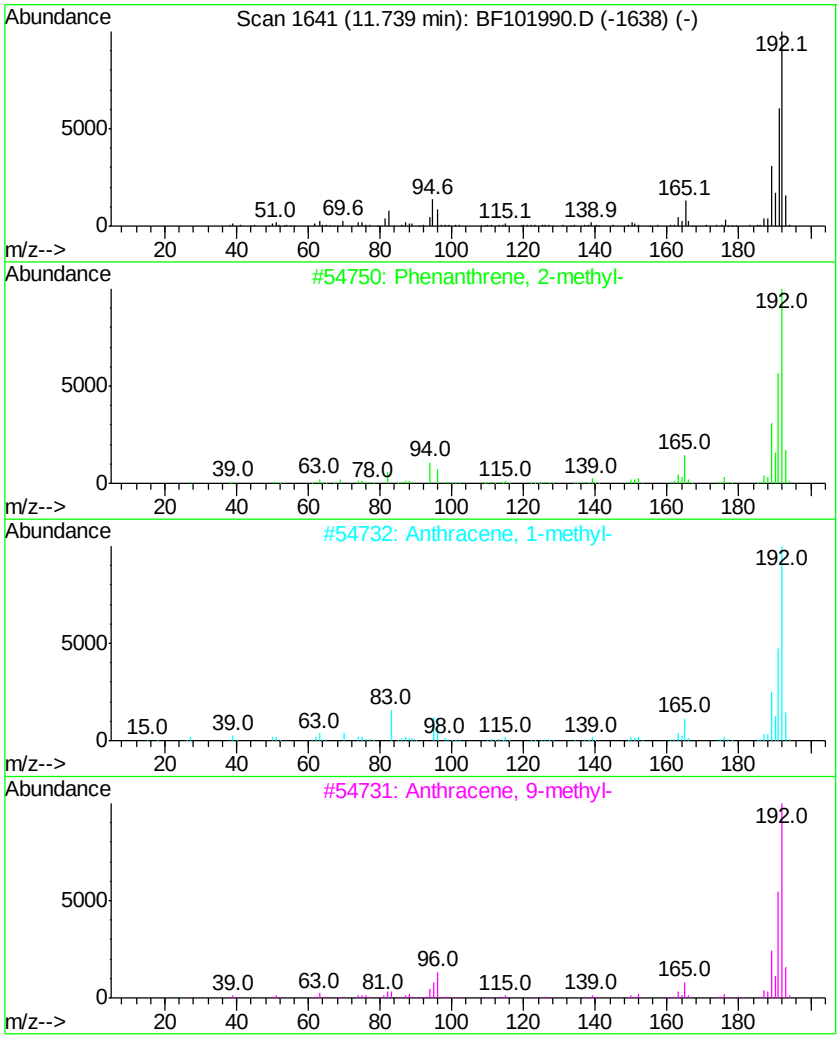
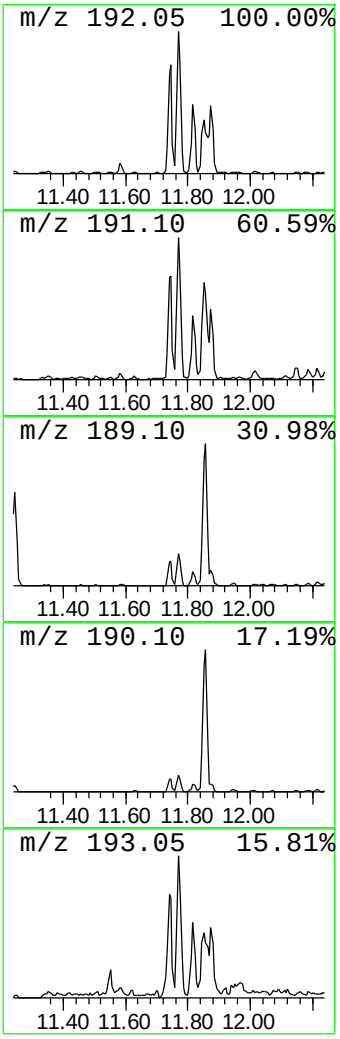
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.11 ng	280804	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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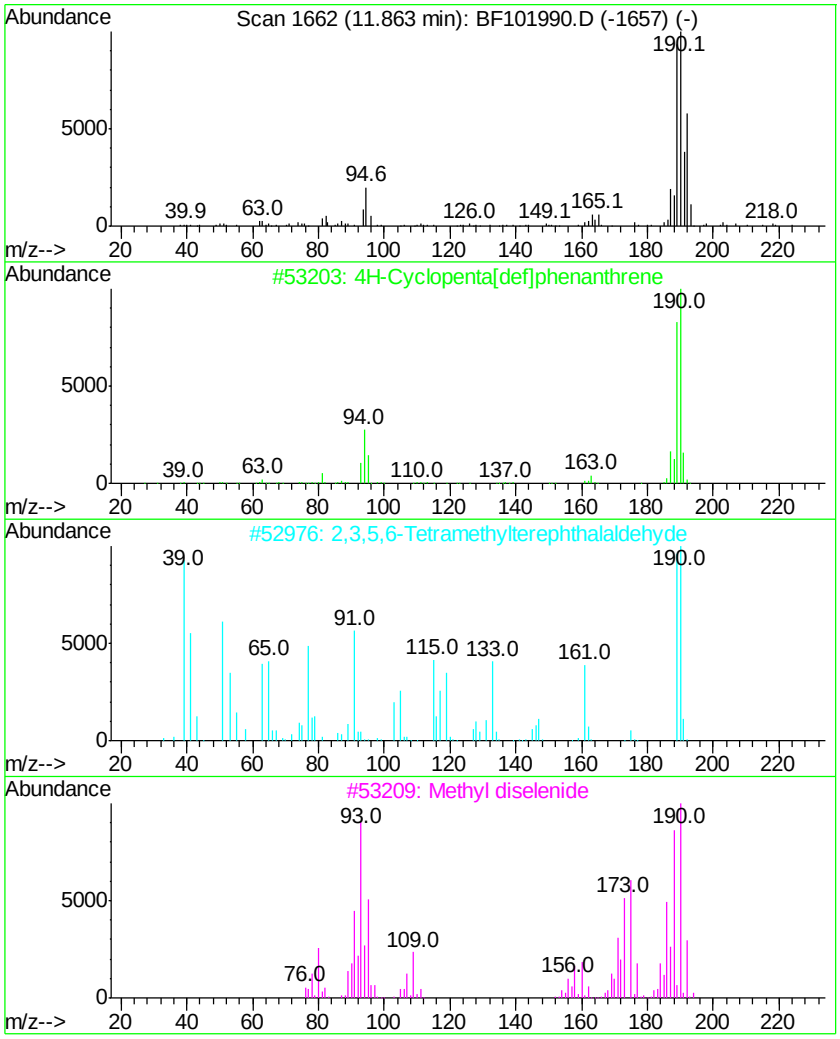
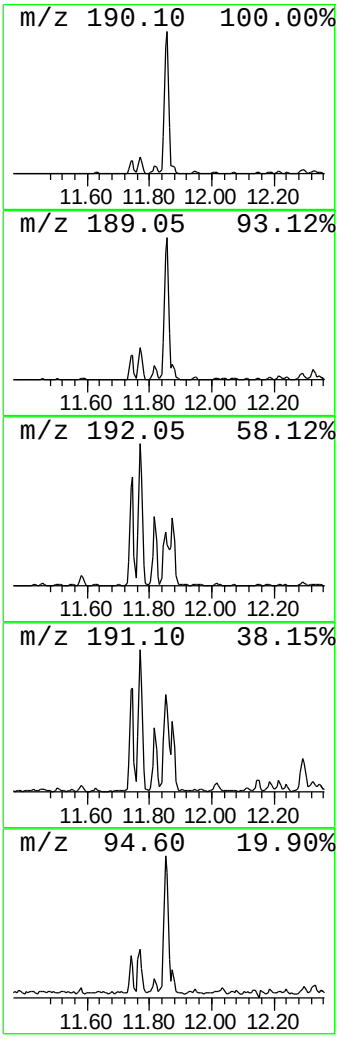
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.29 ng	659306	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35





Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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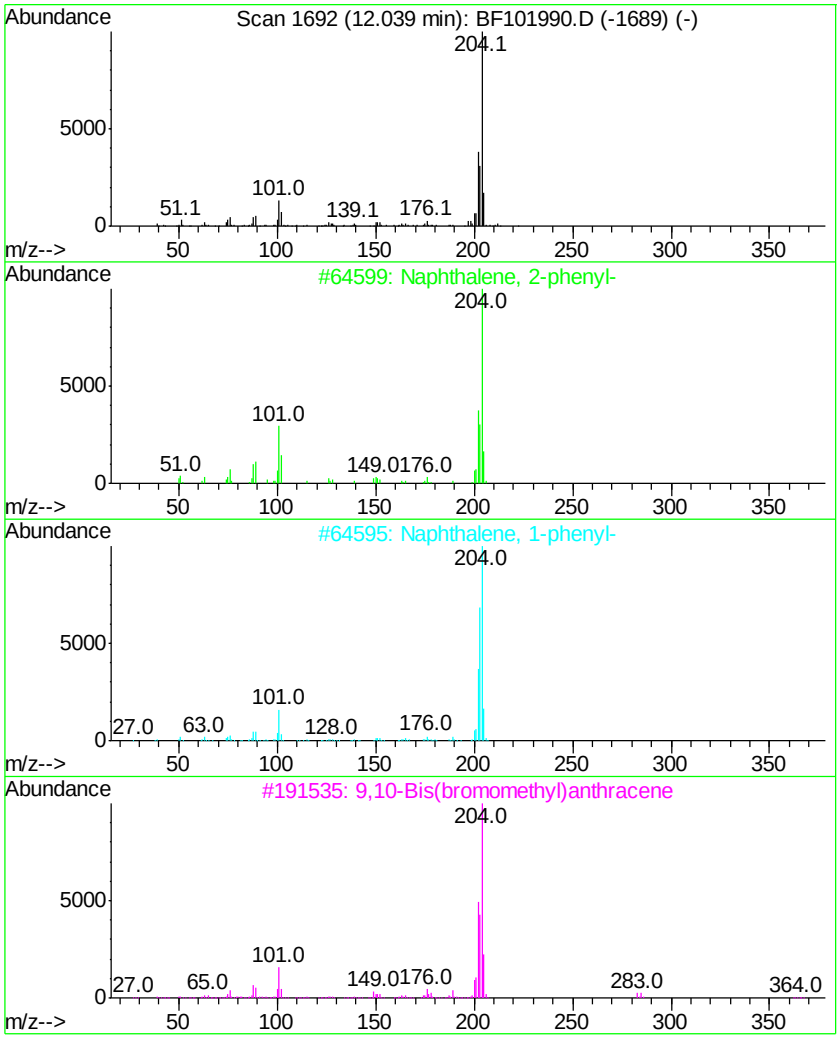
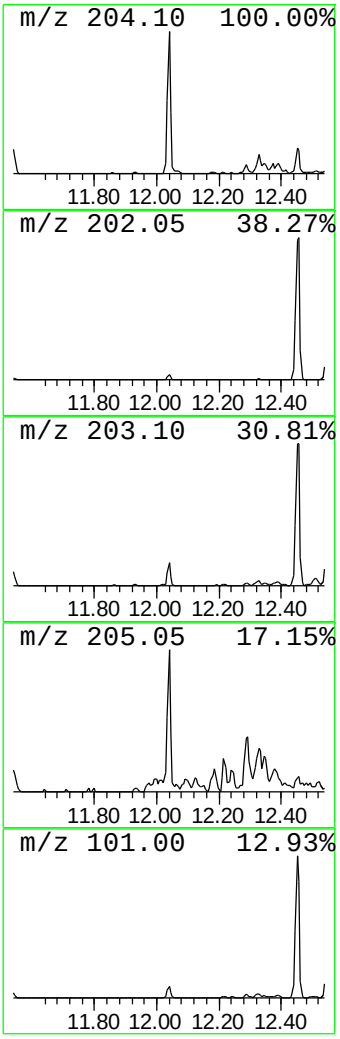
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.16 ng	195378	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

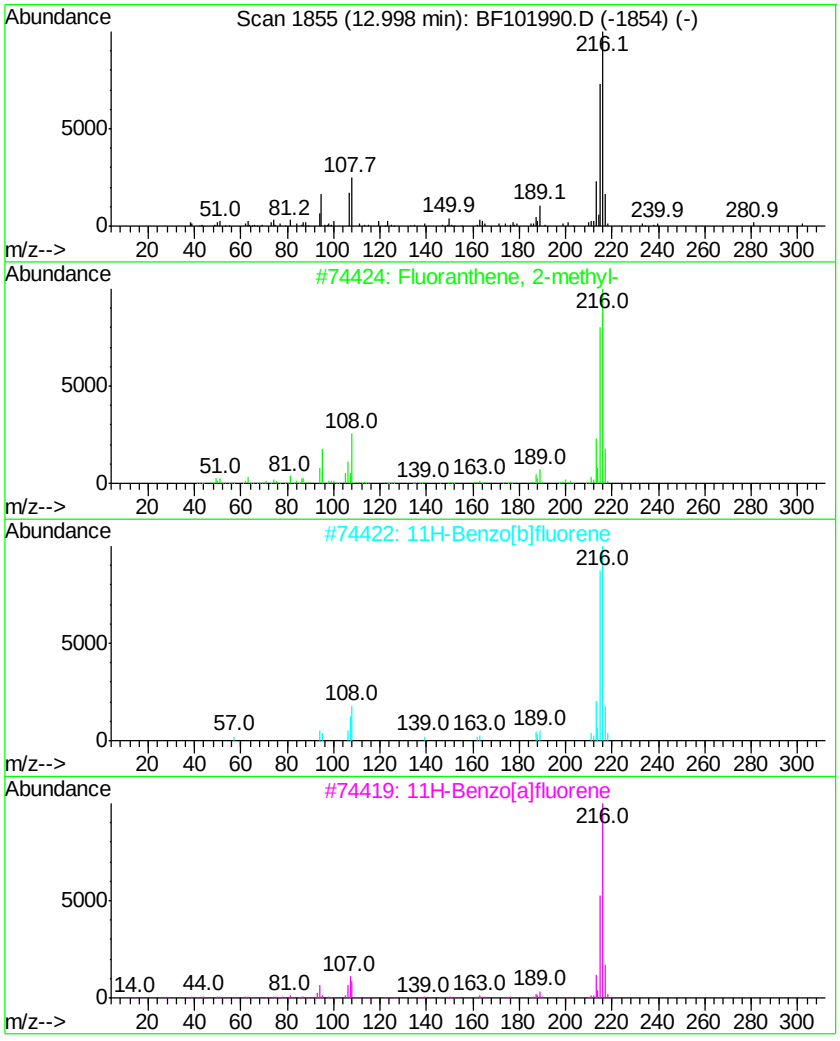
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

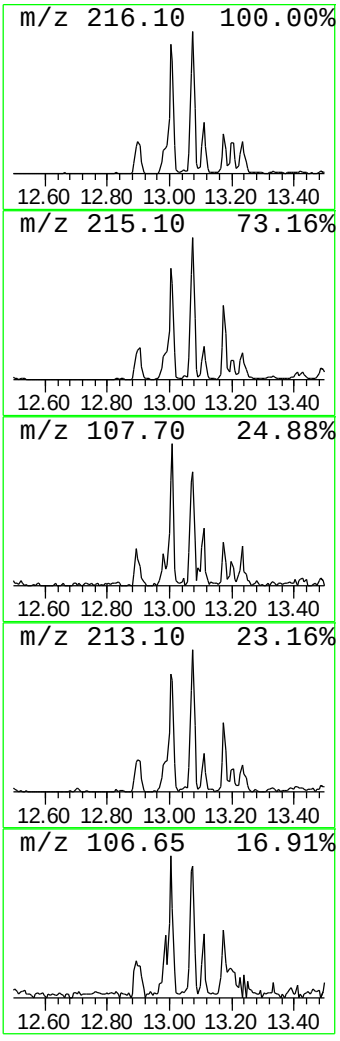
****

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.31 ng	342347	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

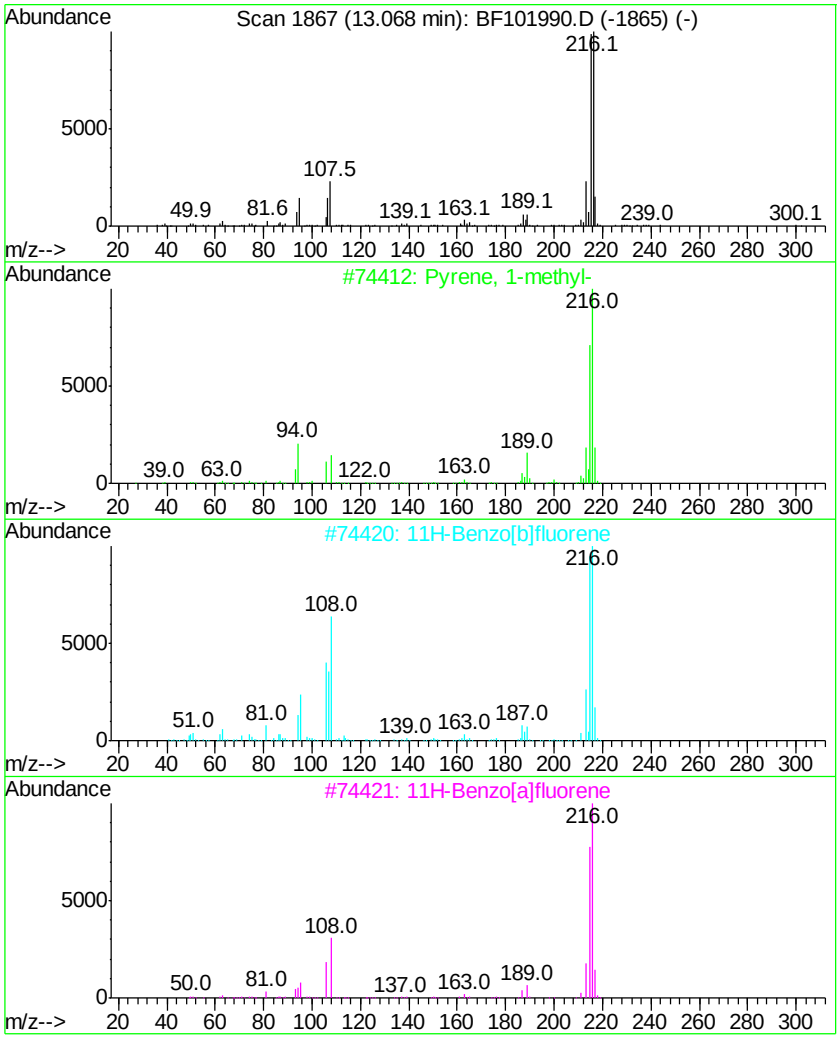
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

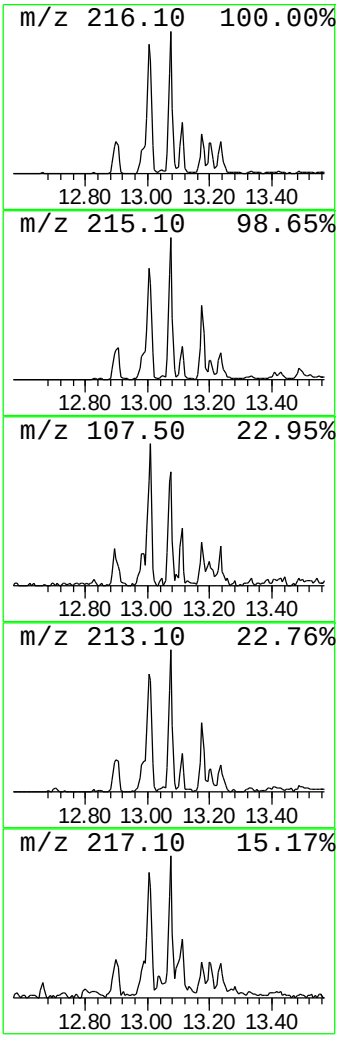
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.37 ng	348425	Chrysene-d12	13.87

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	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

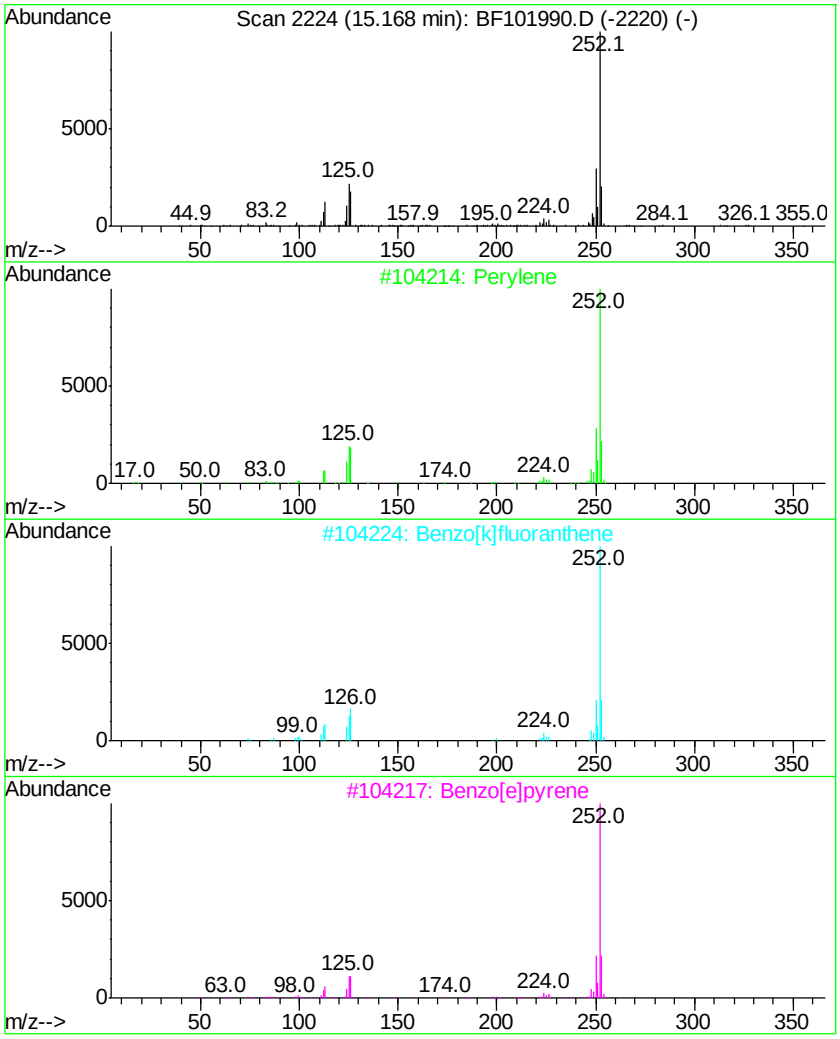
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

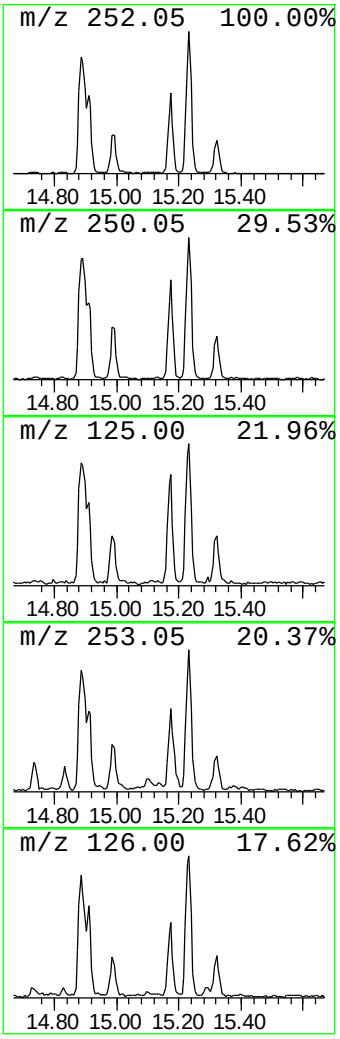
****

Peak Number 19 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	7.12 ng	379979	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
Benzene, 1-ethyl-...	6.55	2.0	ng	133501	1	6.73	1323530	20.0
Indane	6.90	4.5	ng	300598	1	6.73	1323530	20.0
Indene	6.99	8.6	ng	567888	1	6.73	1323530	20.0
Naphthalene, 1-me...	8.82	7.8	ng	714551	2	8.01	1826890	20.0
Naphthalene, 1,6-...	9.35	2.8	ng	271119	3	9.76	1971370	20.0
Naphthalene, 1,5-...	9.42	2.6	ng	259714	3	9.76	1971370	20.0
9H-Fluoren-9-ol	10.55	4.1	ng	373453	4	11.25	1808150	20.0
Naphtho[2,1-b]thi...	11.14	3.9	ng	352182	4	11.25	1808150	20.0
Phenanthrene, 2-m...	11.74	3.1	ng	280804	4	11.25	1808150	20.0
4H-Cyclopenta[def...	11.86	7.3	ng	659306	4	11.25	1808150	20.0
Naphthalene, 2-ph...	12.04	2.2	ng	195378	4	11.25	1808150	20.0
Fluoranthene, 2-m...	13.00	3.3	ng	342347	5	13.87	2070100	20.0
Pyrene, 1-methyl-	13.07	3.4	ng	348425	5	13.87	2070100	20.0
Perylene	15.17	7.1	ng	379979	6	15.29	1066960	20.0