LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107938.D
Acq On : 3 Aug 2018 15:29
Operator : JU/SJ
Sample : J4262-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-073118

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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.184	480	484	499	rBV	140314	241955	3.81%	0.365%
2	5.443	524	528	534	rBV	36695	65313	1.03%	0.098%
3	5.596	551	554	570	rBV	390525	1108128	17.45%	1.670%
4	5.801	586	589	598	rVB2	54689	83013	1.31%	0.125%
5	6.113	638	642	651	rBV	294033	344656	5.43%	0.519%
6	6.625	722	729	743	rBV2	368708	1173852	18.49%	1.769%
7	6.725	743	746	770	rVV	1890765	3291130	51.84%	4.960%
8	6.884	771	773	782	rVB4	44422	82245	1.30%	0.124%
9	6.954	782	785	790	rBV	350284	580110	9.14%	0.874%
10	7.001	790	793	801	rVB	212007	302365	4.76%	0.456%
11	7.066	801	804	807	rVB	69582	75814	1.19%	0.114%
12	7.107	807	811	812	rBV	2391912	2434367	38.34%	3.669%
13	7.131	812	815	823	rVV	4988443	5921926	93.27%	8.925%
14	7.213	826	829	835	rVB	235936	312892	4.93%	0.472%
15	7.401	855	861	869	rBV2	101597	217730	3.43%	0.328%
16	7.472	870	873	876	rVV	202588	216848	3.42%	0.327%
17	7.519	876	881	891	rVV2	1449691	2569026	40.46%	3.872%
18	7.590	891	893	897	rVV	236146	359185	5.66%	0.541%
19	7.648	900	903	907	rVV4	156292	315935	4.98%	0.476%
20	7.707	911	913	916	rVV	179982	197984	3.12%	0.298%
21	7.737	916	918	924	rVB2	97214	114979	1.81%	0.173%
22	7.866	938	940	943	rBV2	88764	91034	1.43%	0.137%
23	7.901	943	946	953	rVV3	248694	405939	6.39%	0.612%
24	7.960	953	956	962	rVV2	525721	749655	11.81%	1.130%
25	8.007	962	964	965	rVV	268993	230708	3.63%	0.348%
26	8.025	965	967	973	rVV3	413695	644731	10.15%	0.972%
27	8.090	976	978	987	rVB3	93831	127165	2.00%	0.192%
28	8.166	987	991	994	rVB3	74427	86906	1.37%	0.131%
29	8.213	994	999	1000	rBV	199201	232406	3.66%	0.350%
30	8.260	1000	1007	1013	rVV2	4229723	6348905	100.00%	9.568%
31	8.307	1013	1015	1024	rVB2	397218	643754	10.14%	0.970%
32	8.501	1039	1048	1053	rBV6	250189	601608	9.48%	0.907%
33	8.607	1062	1066	1072	rVB3	202935	344424	5.42%	0.519%
34	8.672	1072	1077	1079	rBV4	83064	147649	2.33%	0.223%

LSC Area Percent Report

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Sample : J4262-07
Misc :
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Instrument : BNA_F
ClientSampleId : DUP-073118

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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.731	1085	1087	1092	rVB3	169406	244524	3.85%	0.369%
36	8.784	1093	1096	1100	rVB2	156945	160572	2.53%	0.242%
37	8.831	1100	1104	1109	rBV2	497098	760347	11.98%	1.146%
38	8.901	1112	1116	1121	rVB3	161437	300956	4.74%	0.454%
39	8.948	1121	1124	1131	rBV	785983	1032634	16.26%	1.556%
40	9.042	1136	1140	1143	rBV	1623680	1787925	28.16%	2.695%
41	9.148	1154	1158	1164	rVB2	188260	313334	4.94%	0.472%
42	9.307	1180	1185	1200	rBV	3586714	4385867	69.08%	6.610%
43	9.413	1200	1203	1210	rVB2	117075	187110	2.95%	0.282%
44	9.478	1210	1214	1217	rBV3	63997	104767	1.65%	0.158%
45	9.513	1217	1220	1226	rVB	221799	290642	4.58%	0.438%
46	9.578	1226	1231	1234	rBV	271409	393741	6.20%	0.593%
47	9.648	1239	1243	1246	rBV	454107	580813	9.15%	0.875%
48	9.701	1250	1252	1258	rVB	183543	206242	3.25%	0.311%
49	9.766	1259	1263	1264	rBV	333108	353599	5.57%	0.533%
50	9.848	1273	1277	1291	rVB2	433644	665536	10.48%	1.003%
51	9.966	1292	1297	1298	rBV2	125679	127266	2.00%	0.192%
52	9.989	1298	1301	1304	rVV2	973482	1105558	17.41%	1.666%
53	10.025	1304	1307	1314	rVB	2134001	2160785	34.03%	3.256%
54	10.201	1332	1337	1340	rBV	564233	721327	11.36%	1.087%
55	10.301	1351	1354	1358	rBV	165060	193358	3.05%	0.291%
56	10.395	1365	1370	1376	rVB3	105554	192512	3.03%	0.290%
57	10.448	1376	1379	1382	rBV	71364	89665	1.41%	0.135%
58	10.483	1383	1385	1388	rBV3	65828	77310	1.22%	0.117%
59	10.513	1388	1390	1392	rBV	77631	77330	1.22%	0.117%
60	10.542	1392	1395	1401	rVB	1005559	1062116	16.73%	1.601%
61	10.678	1416	1418	1420	rBV	83902	88381	1.39%	0.133%
62	10.789	1431	1437	1449	rBV	1936560	2837357	44.69%	4.276%
63	10.878	1449	1452	1455	rVV5	79145	112269	1.77%	0.169%
64	10.919	1455	1459	1465	rVV	333821	431639	6.80%	0.651%
65	11.042	1475	1480	1482	rBV6	39122	77259	1.22%	0.116%
66	11.089	1484	1488	1491	rBV2	162027	253179	3.99%	0.382%
67	11.172	1499	1502	1508	rVB2	140868	164037	2.58%	0.247%
68	11.289	1518	1522	1526	rBV3	100173	169357	2.67%	0.255%
69	11.389	1535	1539	1545	rBV	265494	432888	6.82%	0.652%
70	11.489	1552	1556	1558	rBV	927798	1011000	15.92%	1.524%
71	11.513	1558	1560	1567	rVV	984516	1203675	18.96%	1.814%

LSC Area Percent Report

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ClientSampleId : DUP-073118

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Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.566	1567	1569	1574	rVB	146479	176263	2.78%	0.266%
73	11.730	1593	1597	1608	rBV	964937	1692751	26.66%	2.551%
74	11.995	1637	1642	1645	rBV2	452515	639529	10.07%	0.964%
75	12.107	1657	1661	1670	rVB3	317702	635271	10.01%	0.957%
76	12.707	1760	1763	1770	rBV	173741	240843	3.79%	0.363%
77	12.783	1772	1776	1788	rVV	773544	1006448	15.85%	1.517%
78	12.936	1799	1802	1809	rVB	164000	212487	3.35%	0.320%
79	13.072	1821	1825	1837	rBV	3185437	3675273	57.89%	5.539%
80	13.272	1856	1859	1867	rBV	105076	194448	3.06%	0.293%
81	13.948	1971	1974	1980	rVB4	44408	64663	1.02%	0.097%
82	14.142	2003	2007	2023	rBV	624479	958000	15.09%	1.444%
83	14.883	2130	2133	2139	rVB	79167	97068	1.53%	0.146%
84	15.236	2189	2193	2200	rVB	123163	167480	2.64%	0.252%
85	15.630	2256	2260	2263	rBV	158071	222603	3.51%	0.335%
86	15.671	2263	2267	2287	rVB	458021	942373	14.84%	1.420%
87	16.089	2333	2338	2343	rVB	145327	231724	3.65%	0.349%
88	16.618	2423	2428	2436	rVB2	94990	174855	2.75%	0.264%

Sum of corrected areas: 66353293

LSC Report - Integrated Chromatogram

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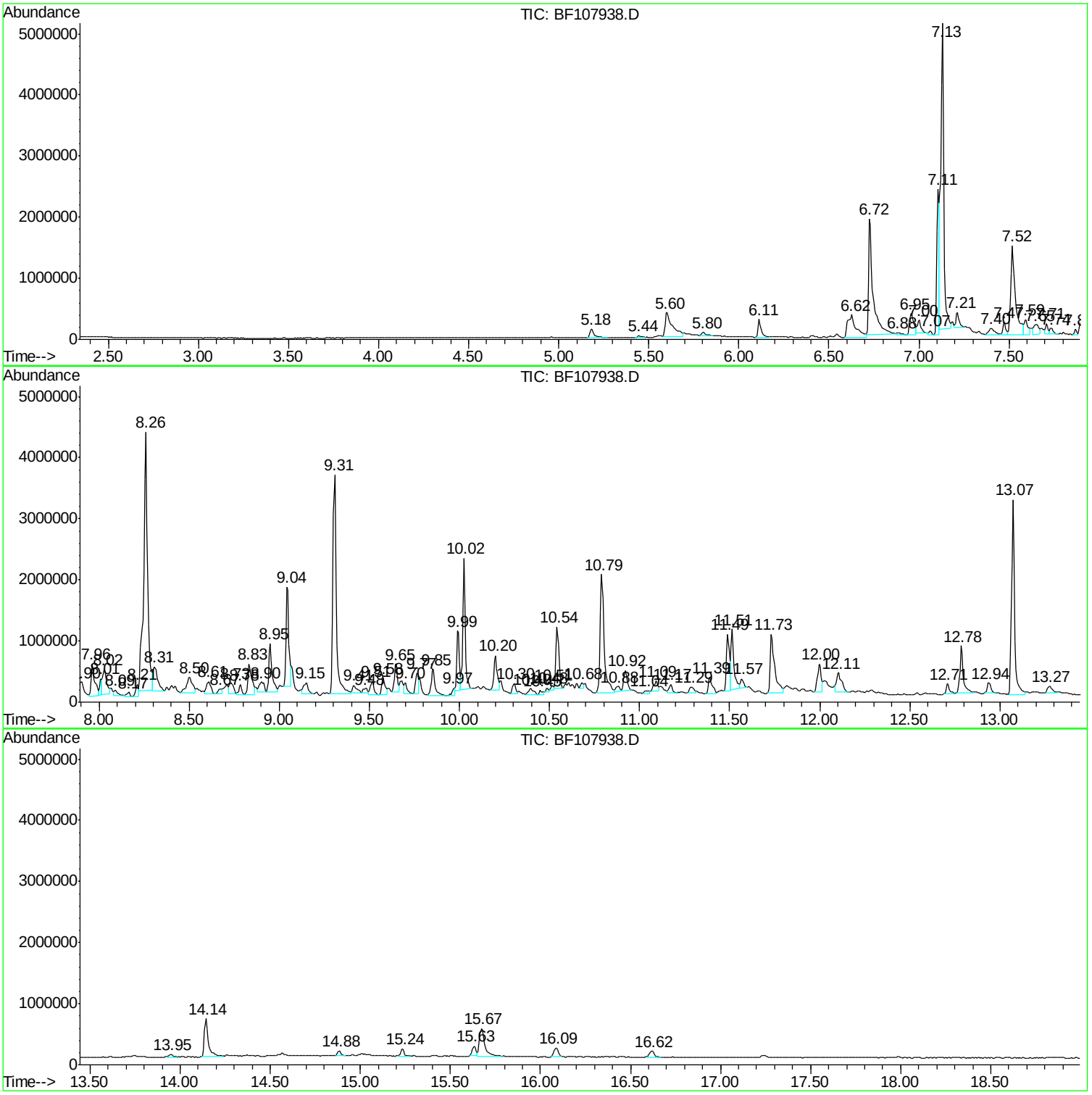
Operator : JU/SJ
Sample : J4262-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-073118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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\BF080318\
Data File : BF107938.D
Acq On : 3 Aug 2018 15:29
Operator : JU/SJ
Sample : J4262-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-073118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

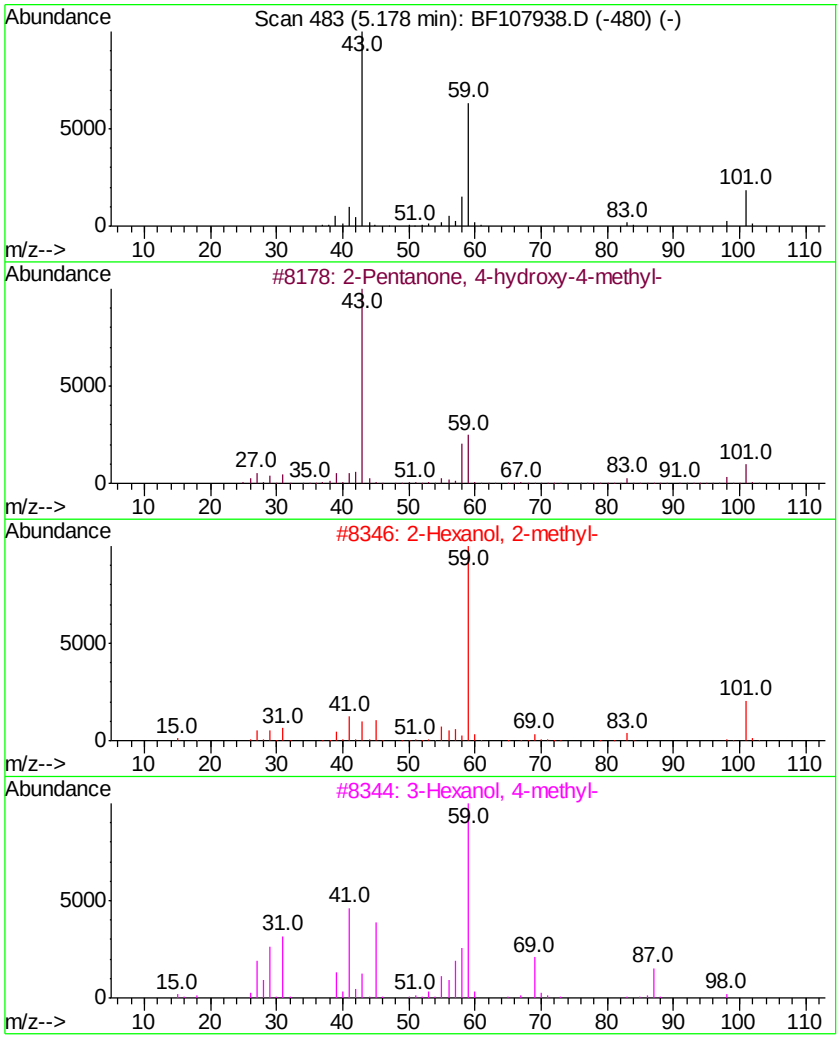
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

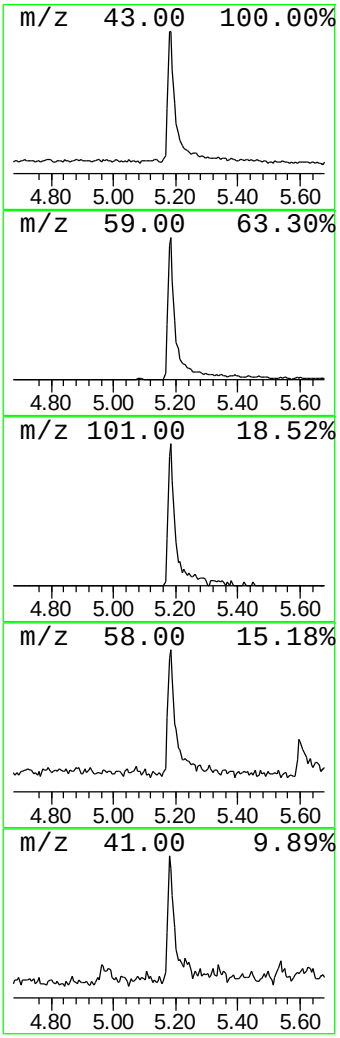
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	8.34 ng	241955	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

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Data File : BF107938.D
Acq On : 3 Aug 2018 15:29
Operator : JU/SJ
Sample : J4262-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-073118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

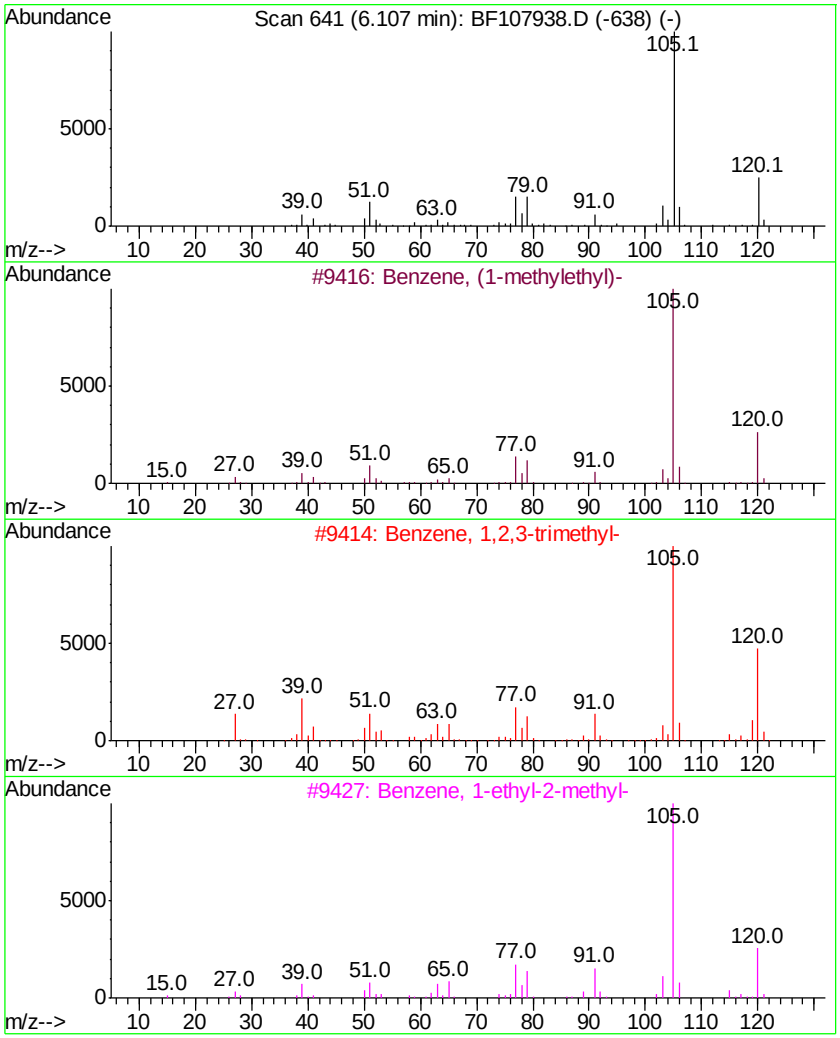
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

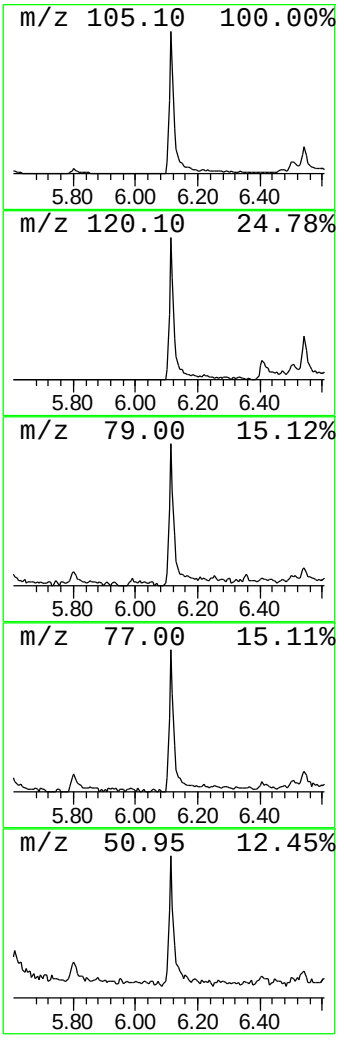
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	11.88 ng	344656	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	78





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Instrument : BNA_F
ClientSampleId : DUP-073118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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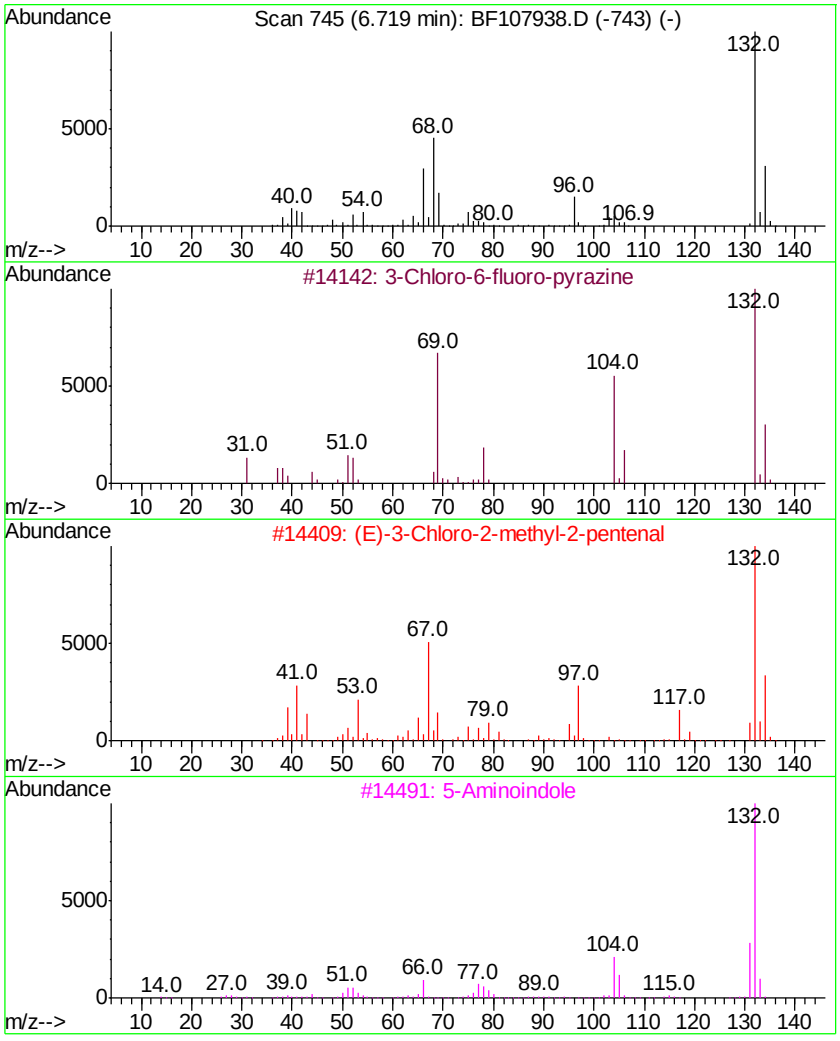
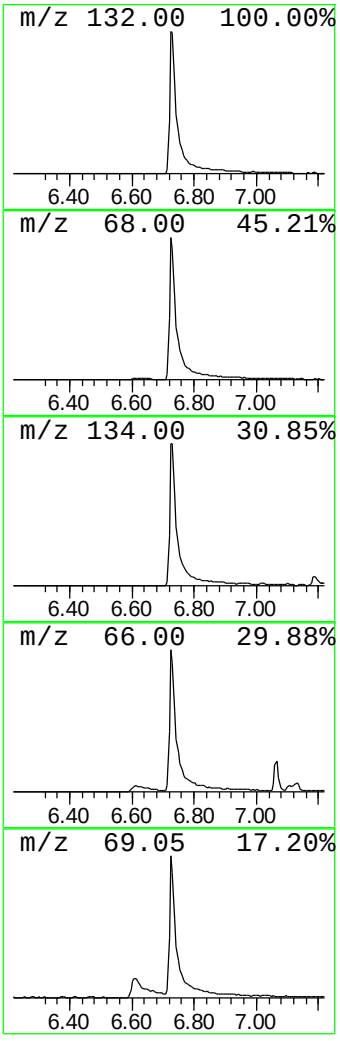
****

Peak Number 3 unknown6.72 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	113.47 ng	3291130	1,4-Dichlorobenzene-d4	6.95

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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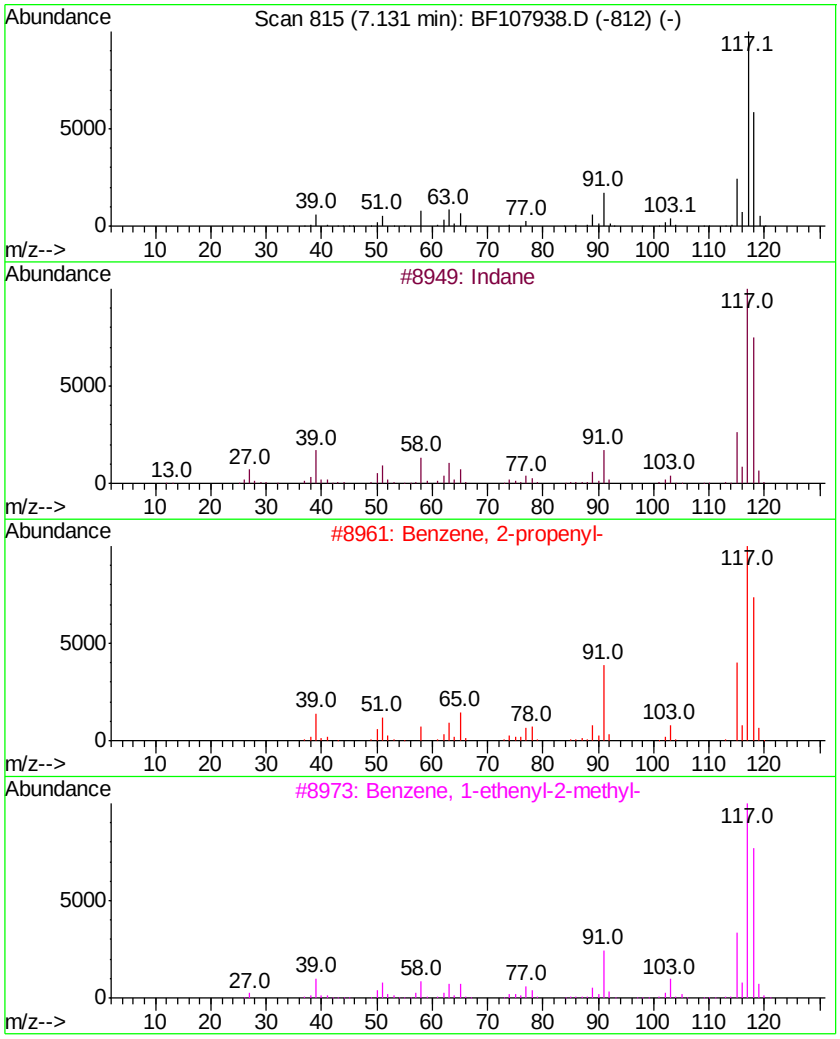
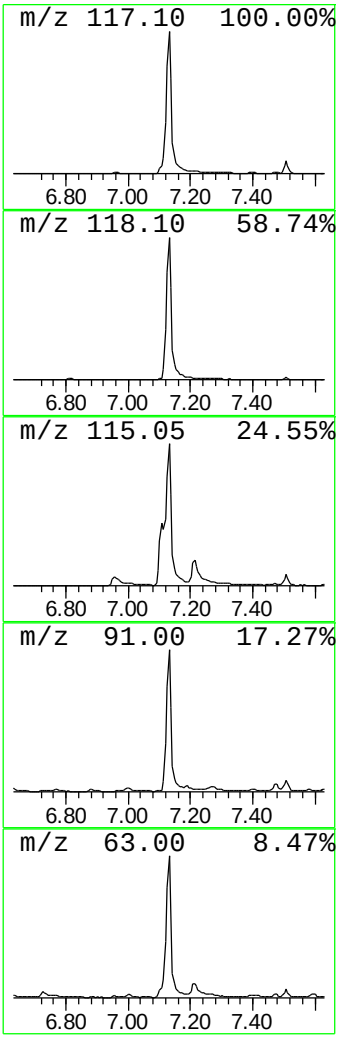
****

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	204.17 ng	5921930	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





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Misc :
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Instrument : BNA_F
ClientSampleId : DUP-073118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

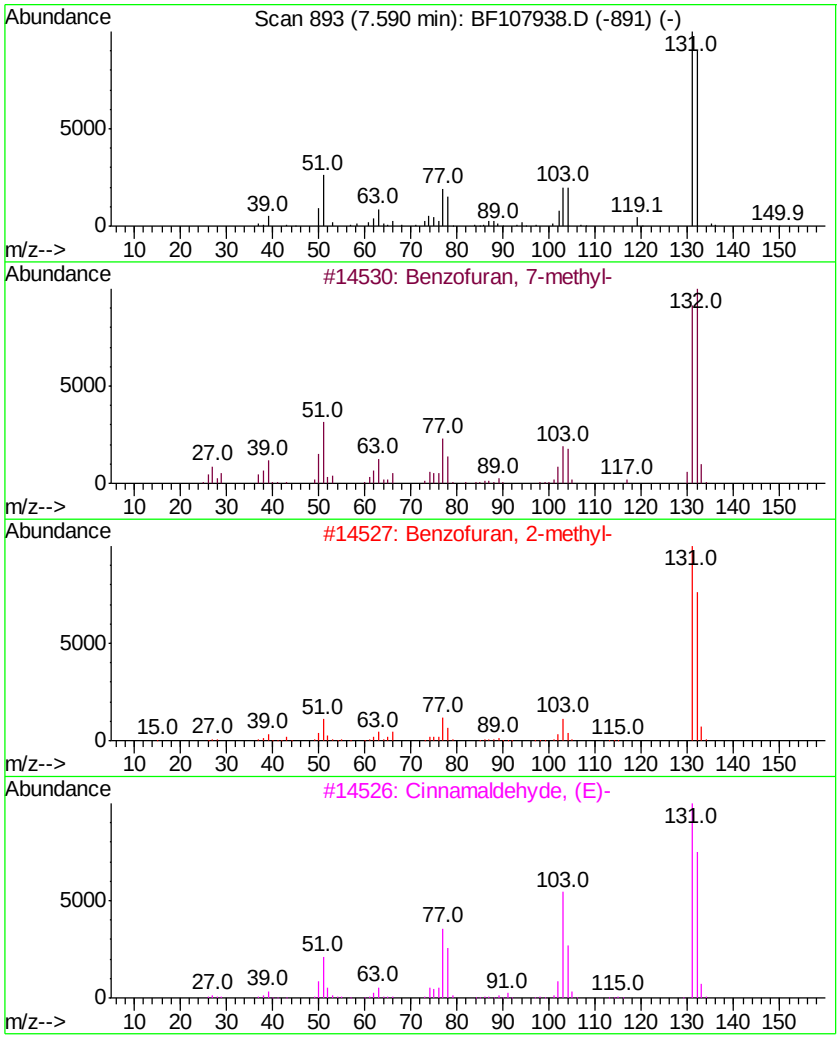
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

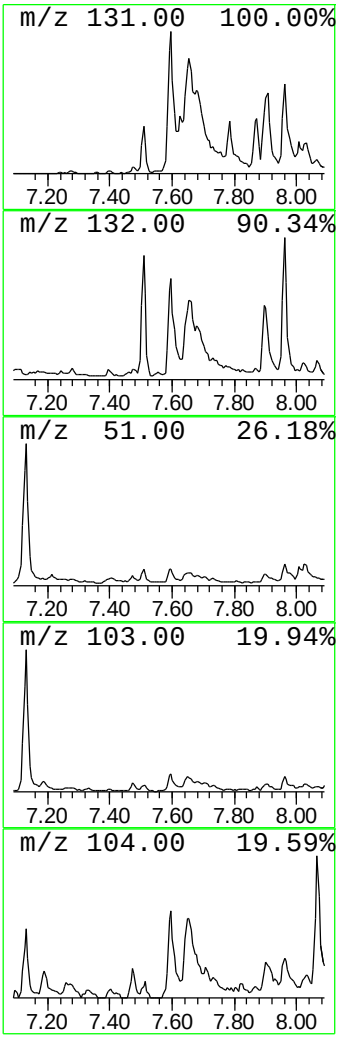
****

Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	12.38 ng	359185	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	83
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	80





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Data File : BF107938.D
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Instrument : BNA_F
ClientSampleId : DUP-073118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

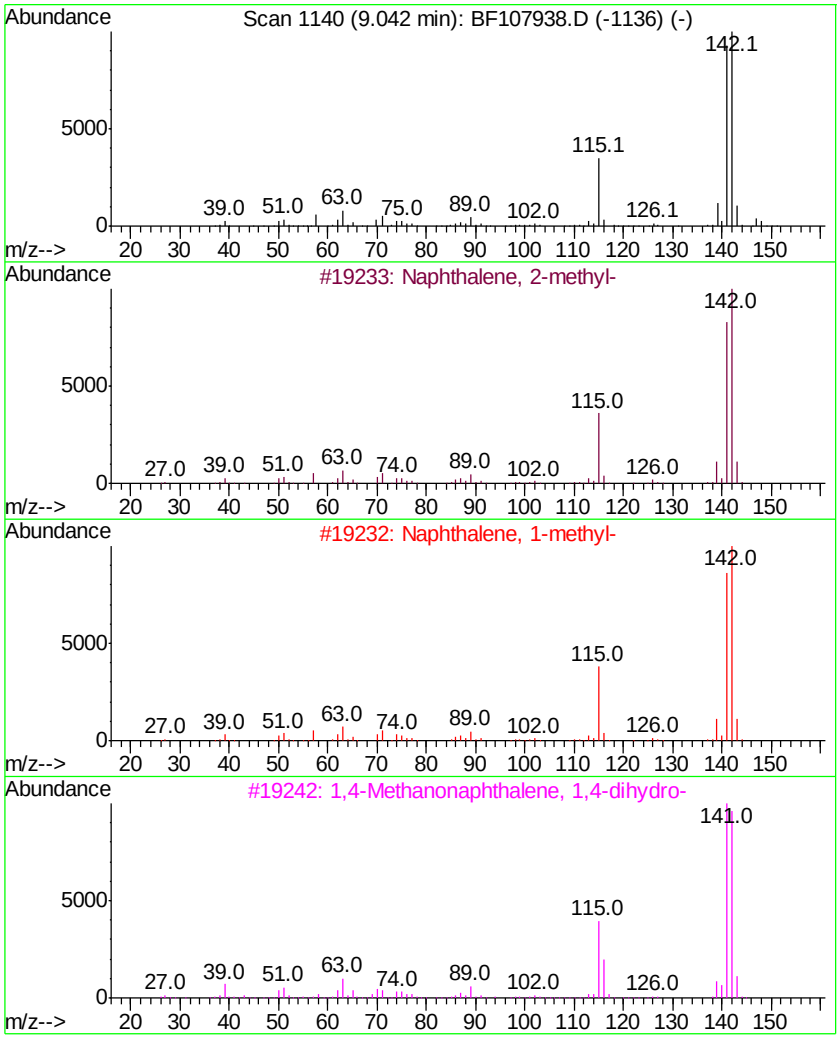
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

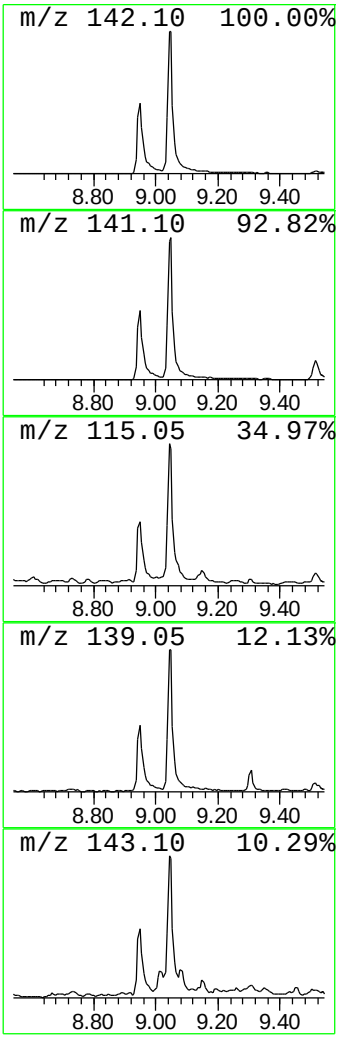
****

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	5.63 ng	1787930	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





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Acq On : 3 Aug 2018 15:29
Operator : JU/SJ
Sample : J4262-07
Misc :
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Instrument : BNA_F
ClientSampleId : DUP-073118

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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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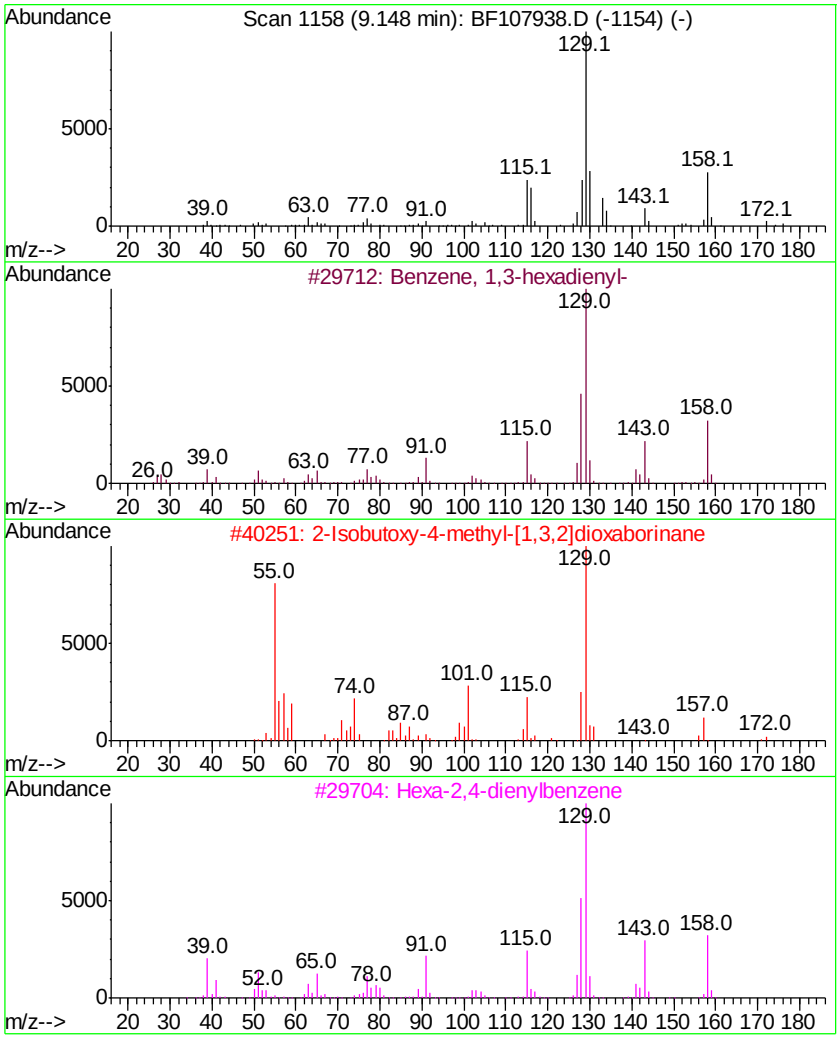
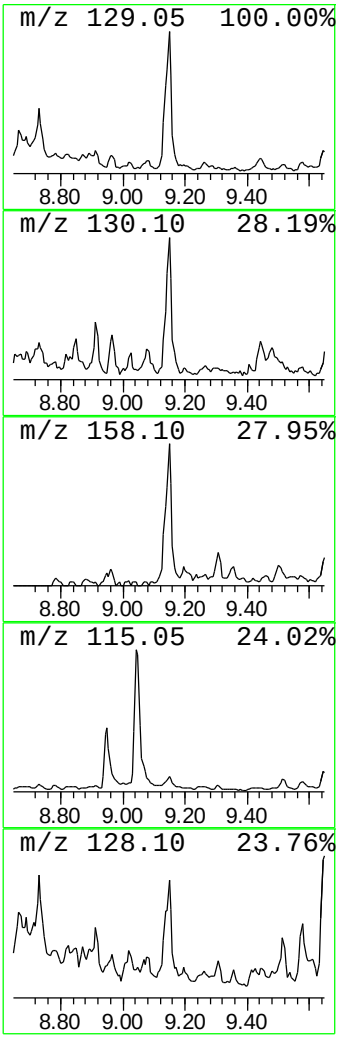
Peak Number 8 unknown9.15 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	5.67 ng	313334	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	42
2	2-Isobutoxy-4-methyl-[1,3,2]diox...	172	C8H17BO3	161616-29-1	28
3	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	28
4	Benzene, 2-heptynyl-	172	C13H16	054725-17-6	25
5	Benzene, 2-cyclohexen-1-yl-	158	C12H14	015232-96-9	25





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ClientSampleId : DUP-073118

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

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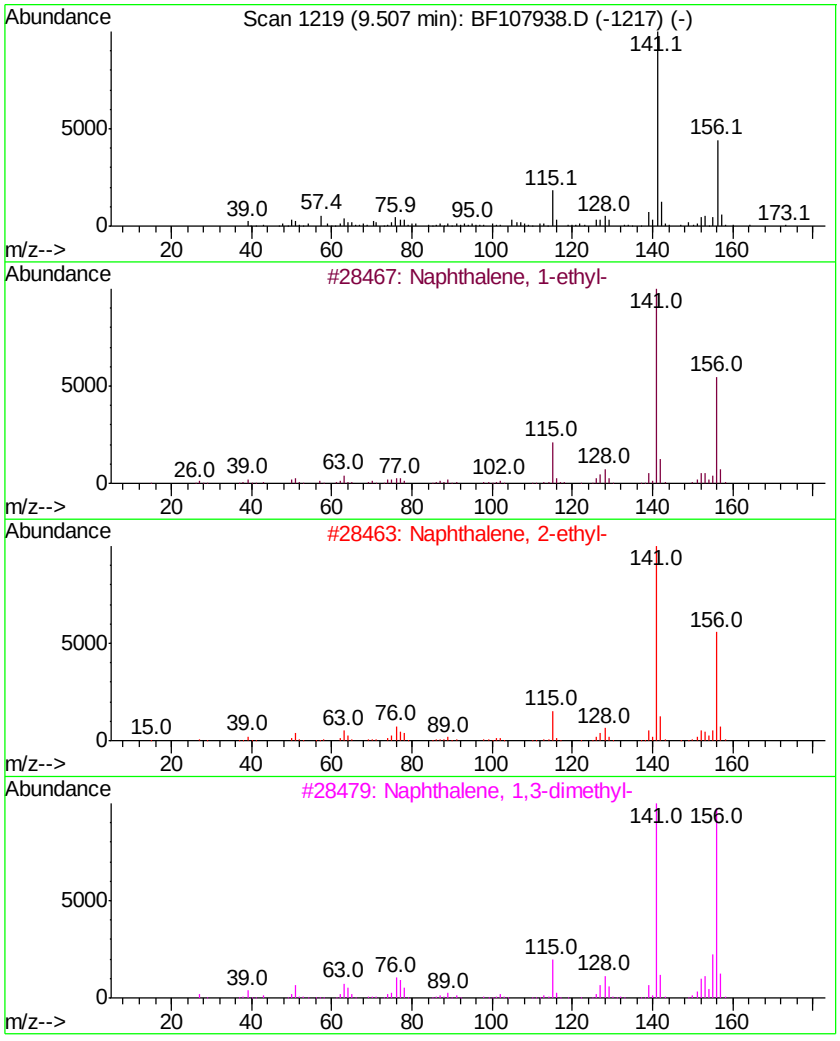
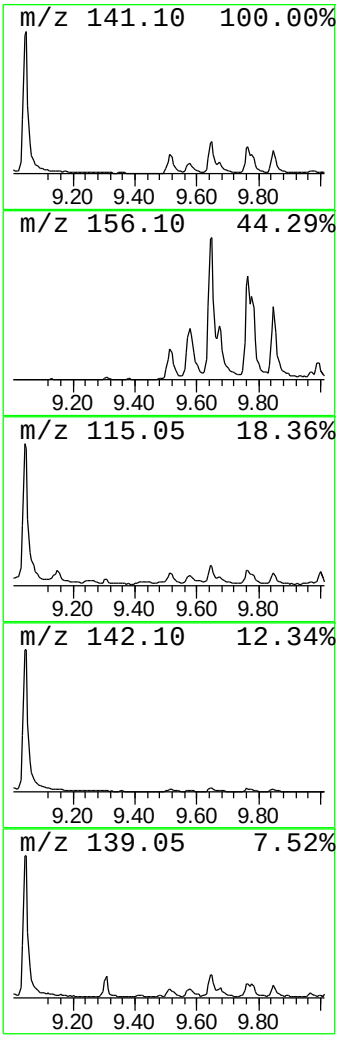
Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	5.26 ng	290642	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	78
4	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59
5	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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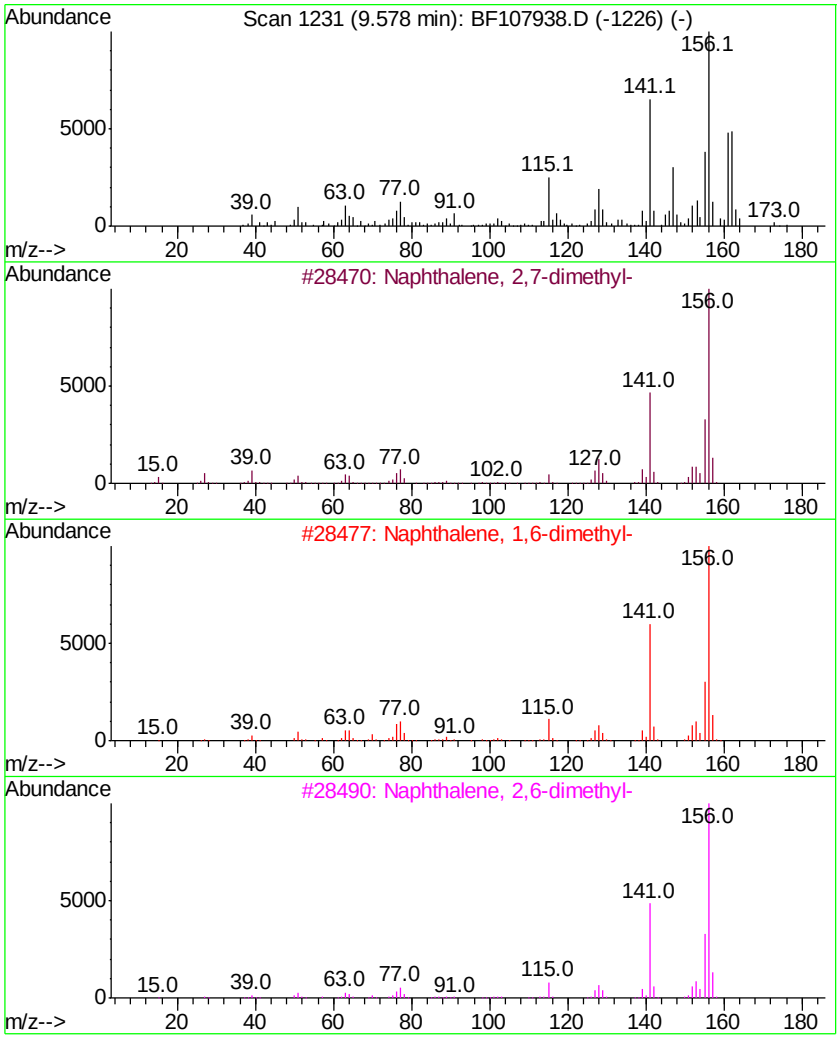
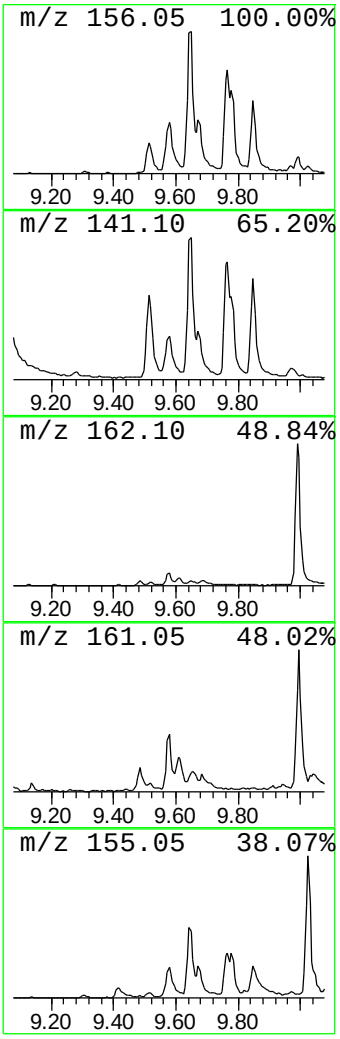
Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	7.12 ng	393741	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91





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

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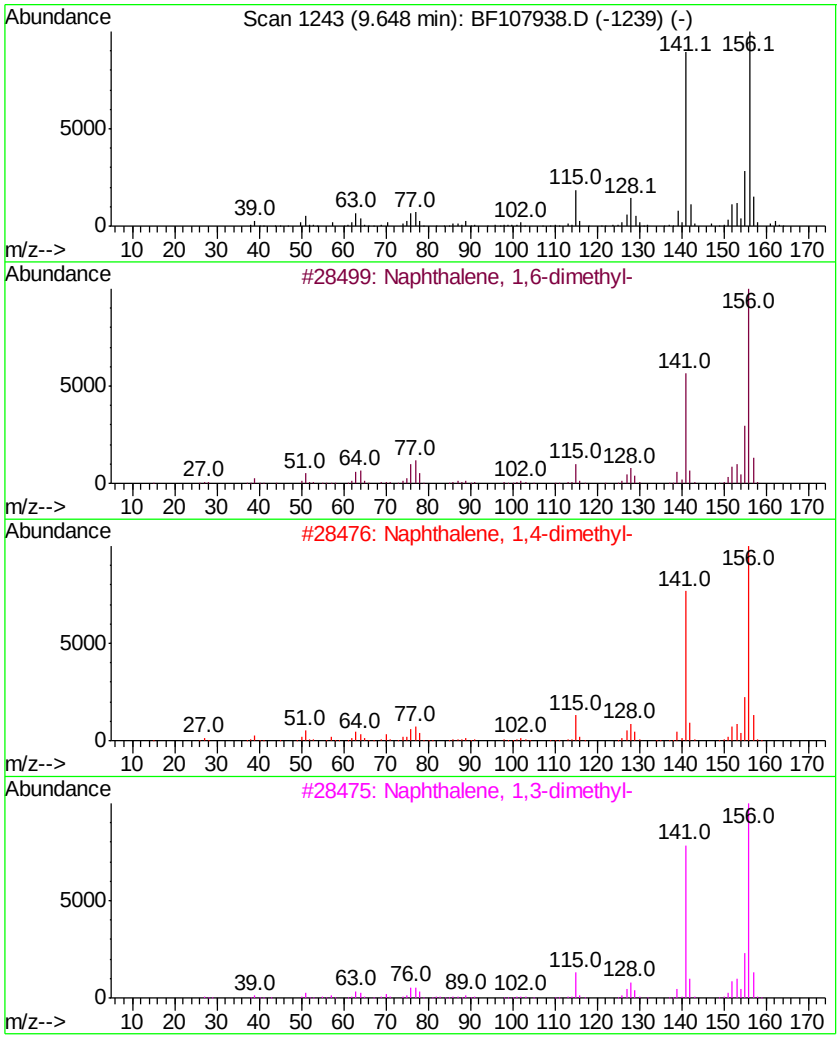
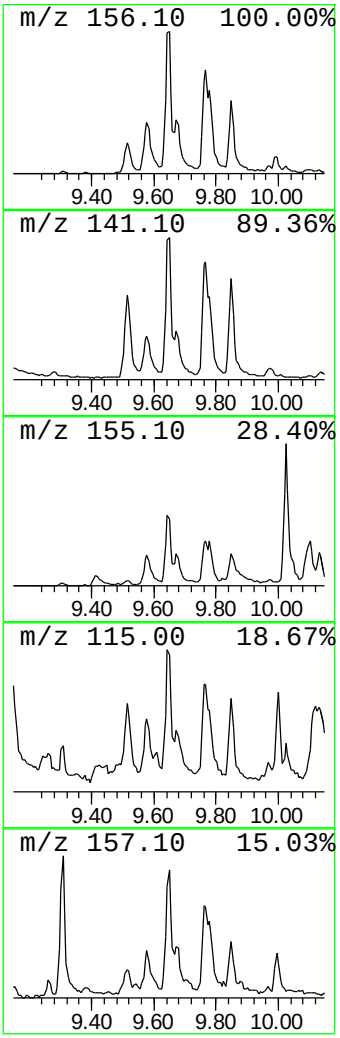
Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	10.51 ng	580813	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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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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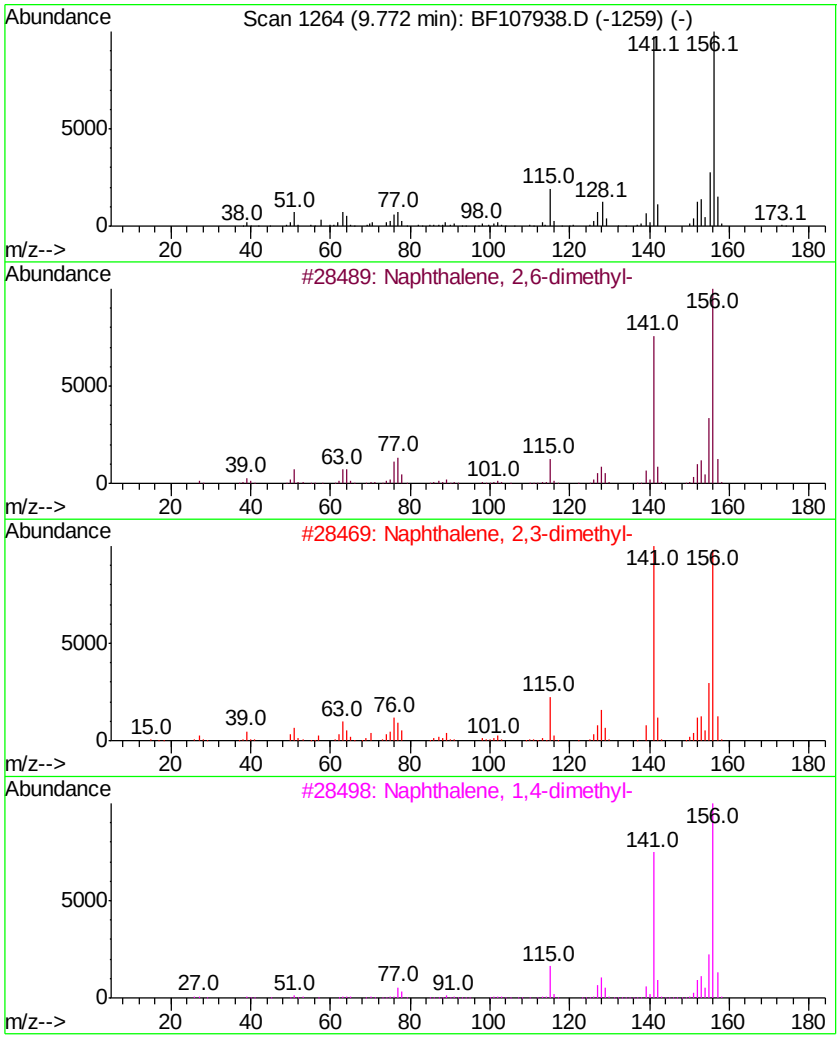
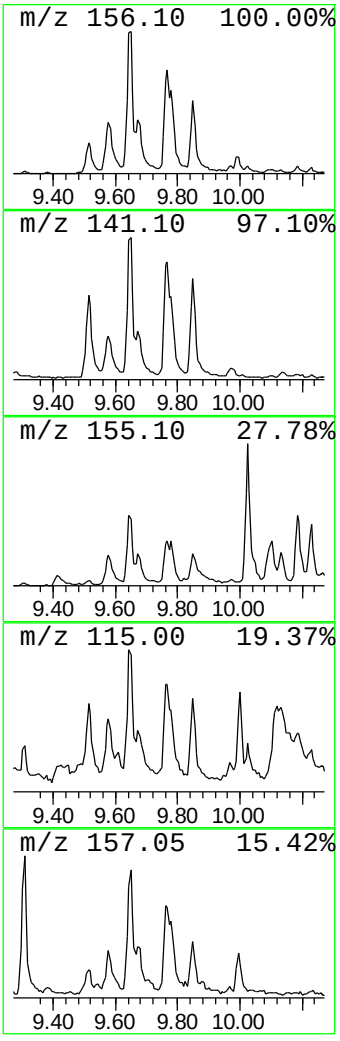
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	6.40 ng	353599	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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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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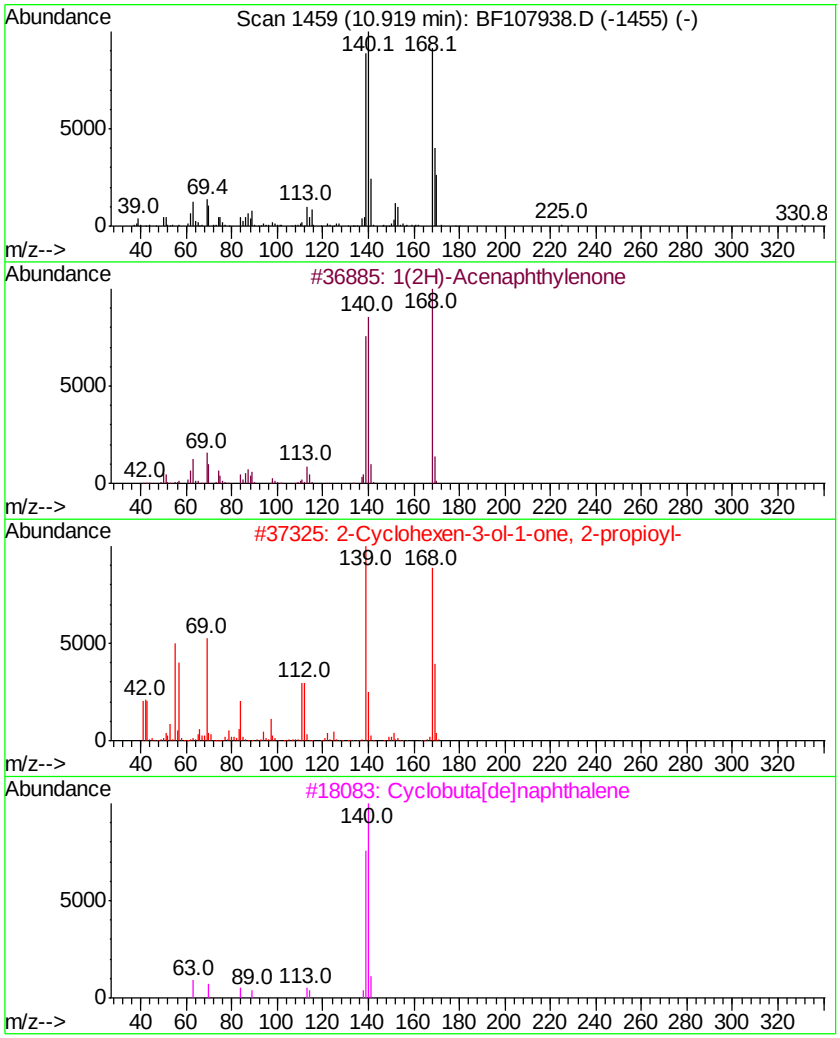
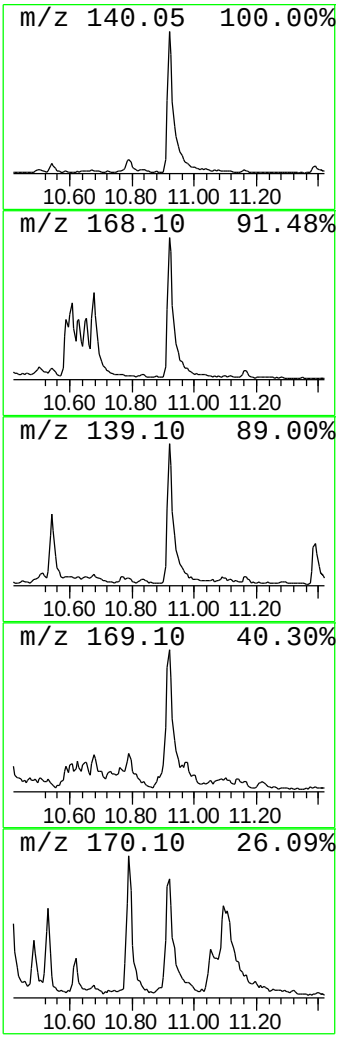
Peak Number 13 1(2H)-Acenaphthylenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	8.54 ng	431639	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	2-Cyclohexen-3-ol-1-one, 2-propi...	168	C9H12O3	062847-90-9	47
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	45
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	38
5	Dibenzofuran	168	C12H8O	000132-64-9	38





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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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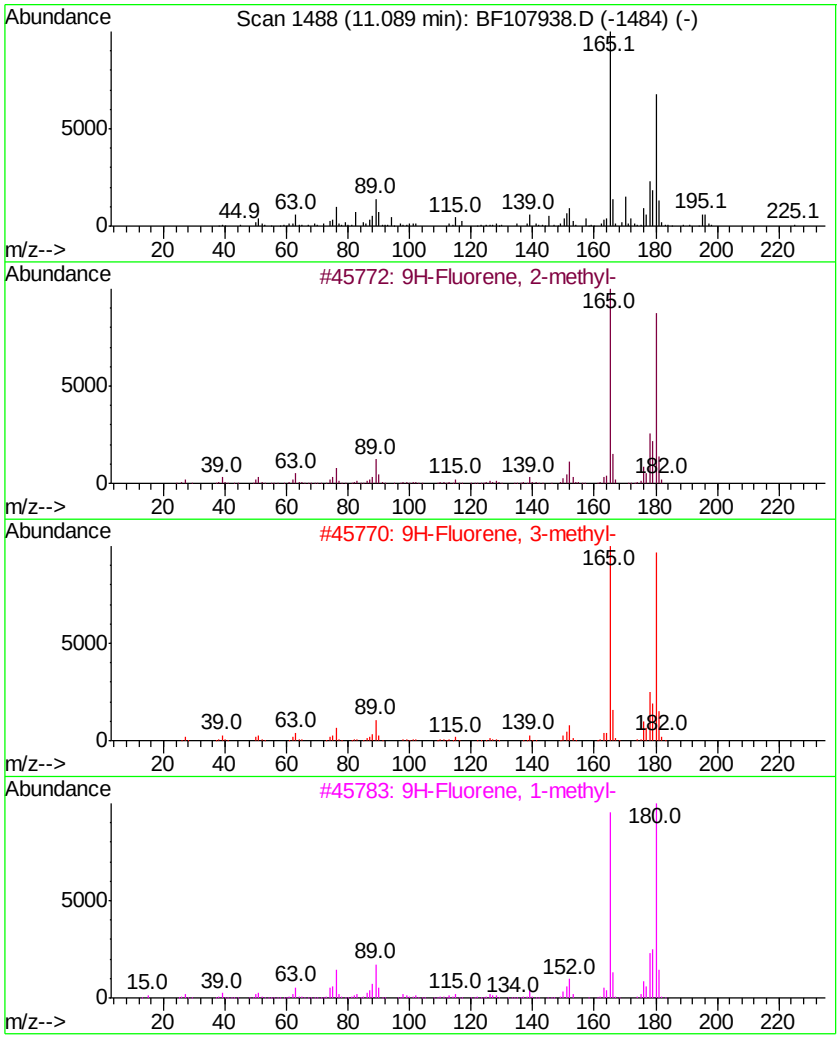
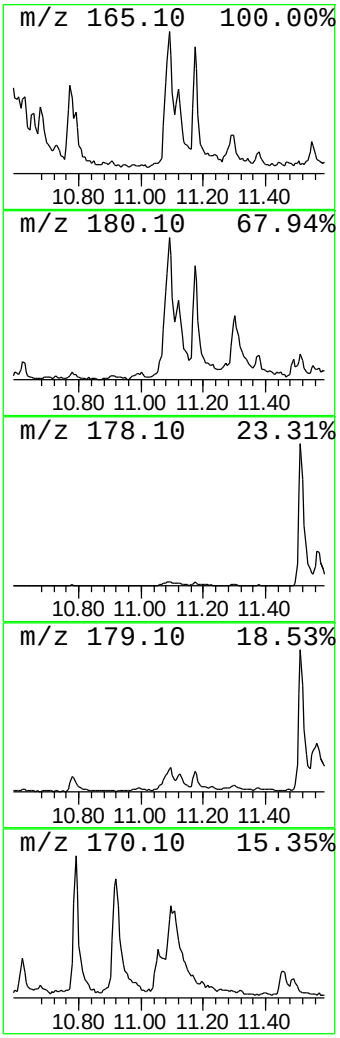
Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	5.01 ng	253179	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	76





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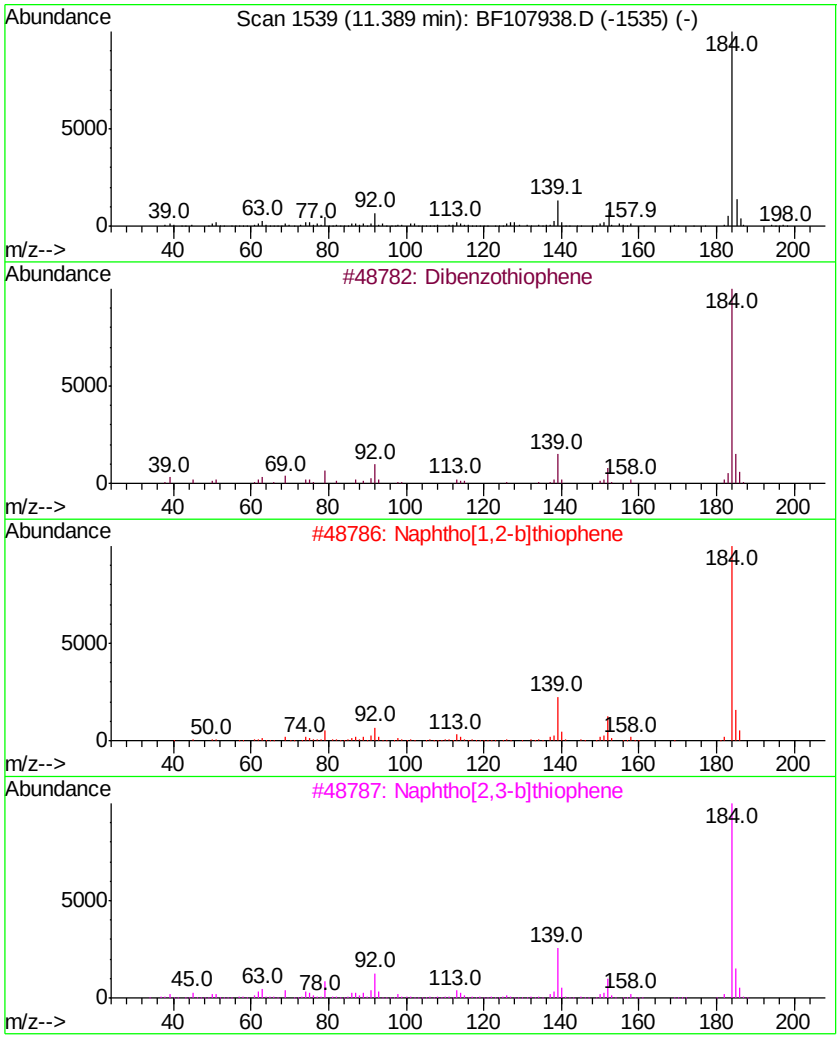
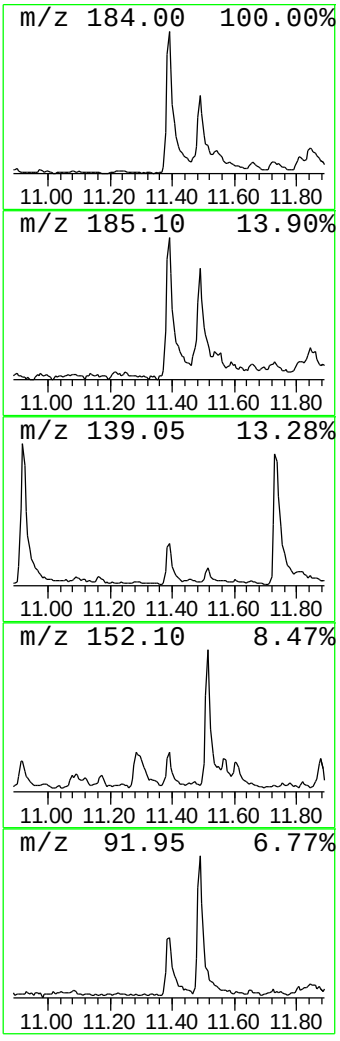
Peak Number 15 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	8.56 ng	432888	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91





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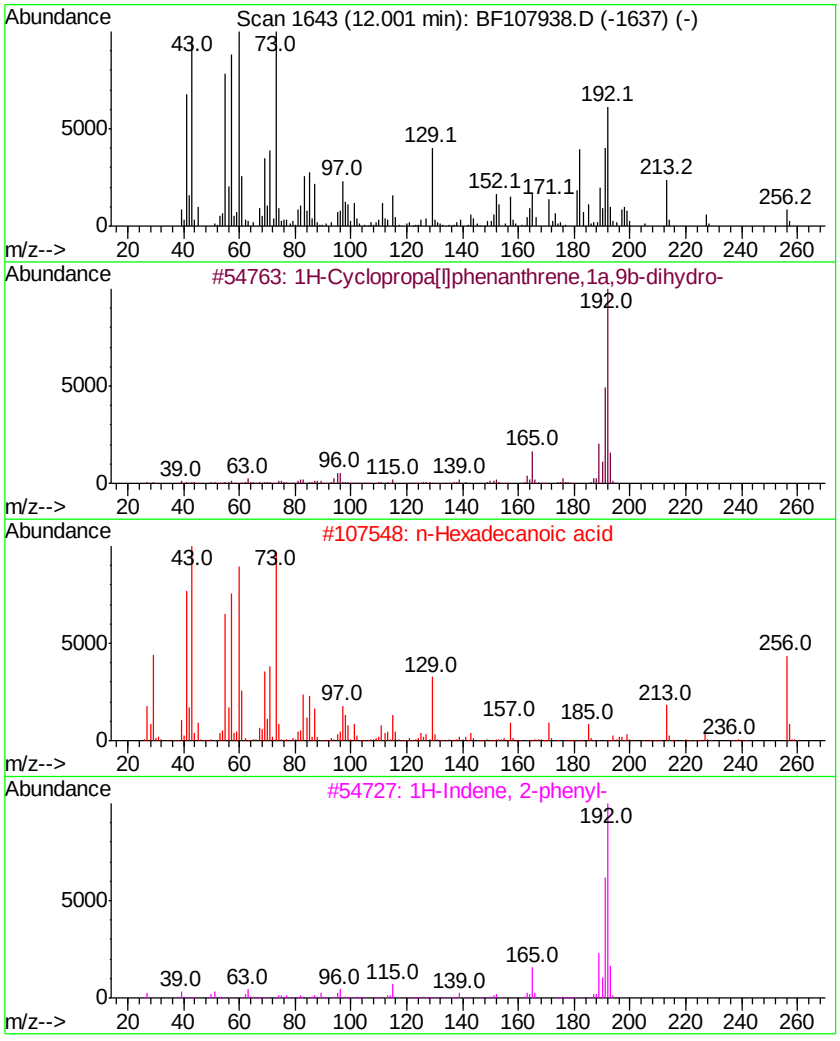
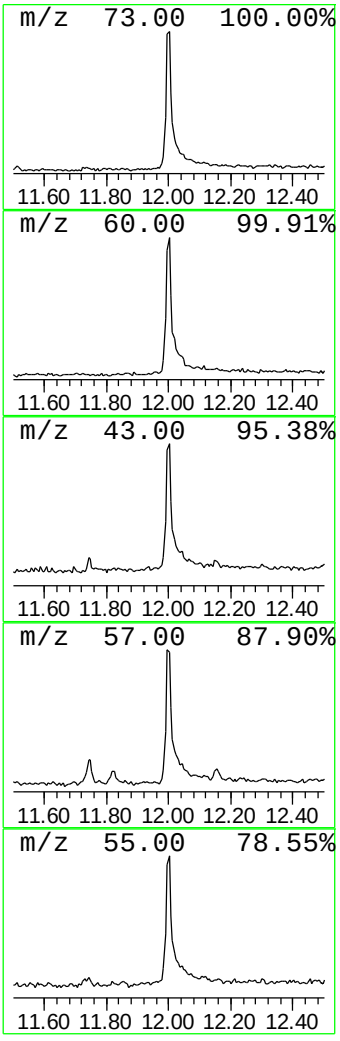
Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	12.65 ng	639529	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	49
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





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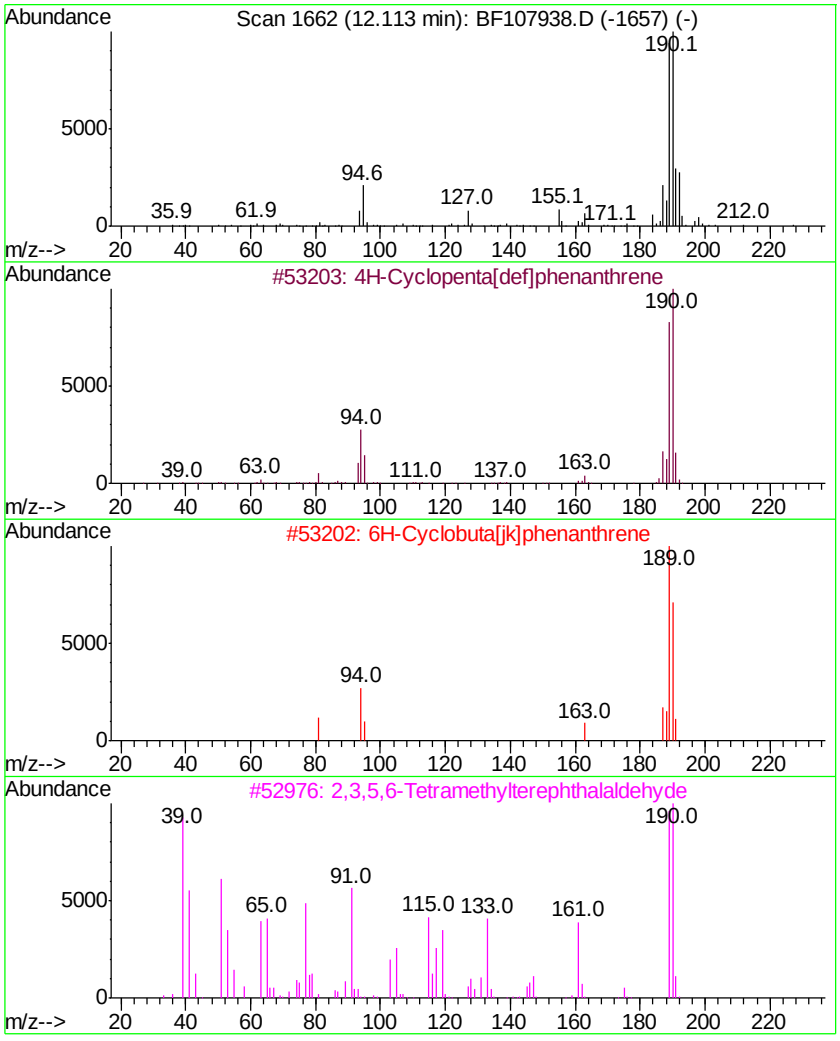
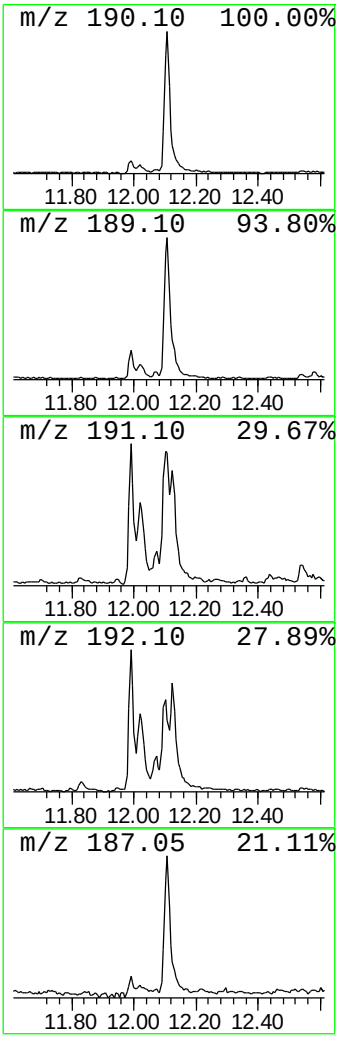
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	12.57 ng	635271	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
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	25





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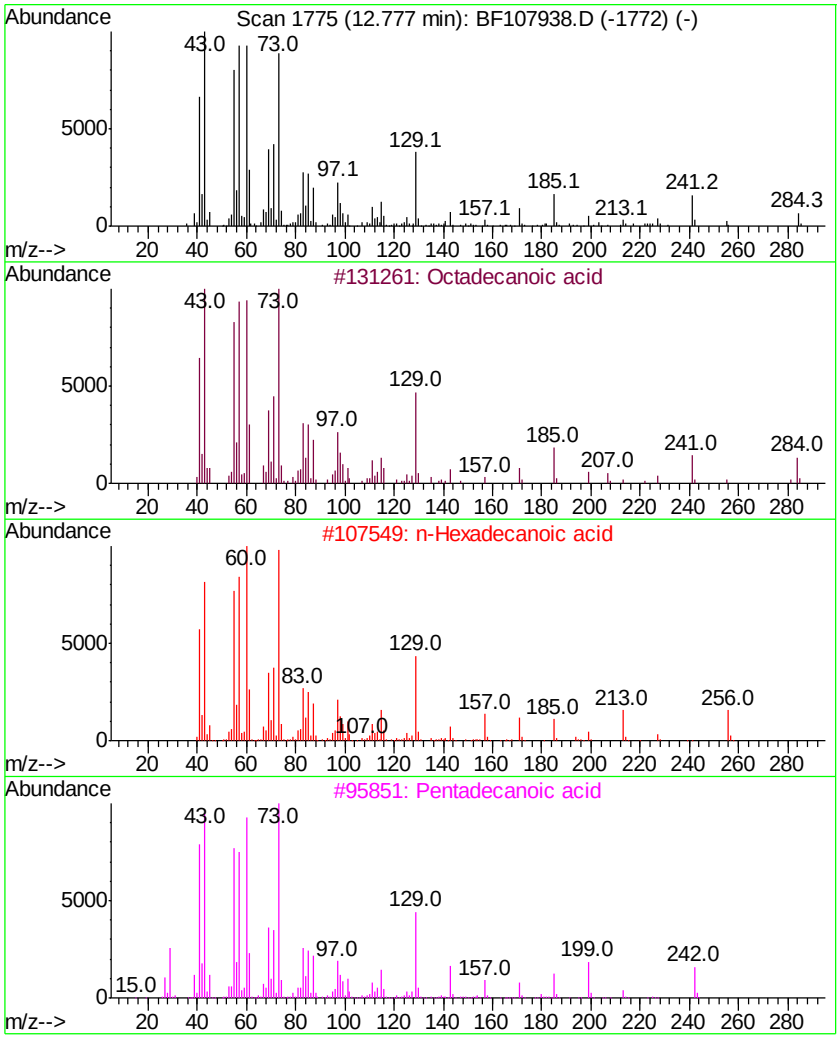
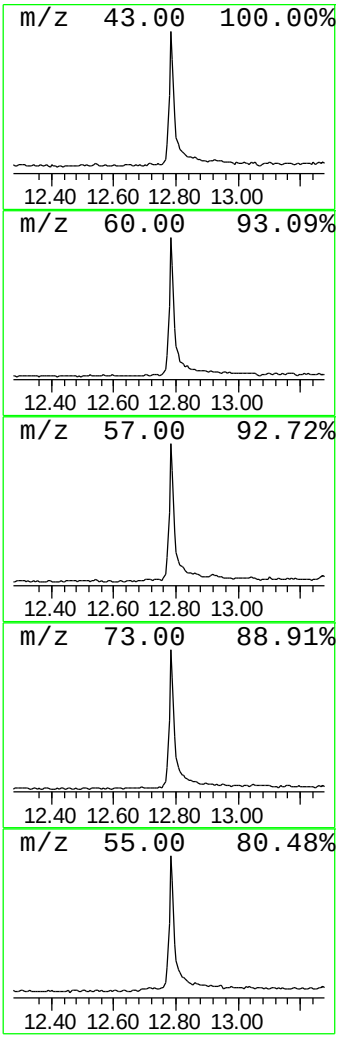
Peak Number 18 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	19.91 ng	1006450	Phenanthrene-d10	11.49

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Acq On : 3 Aug 2018 15:29
Operator : JU/SJ
Sample : J4262-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-073118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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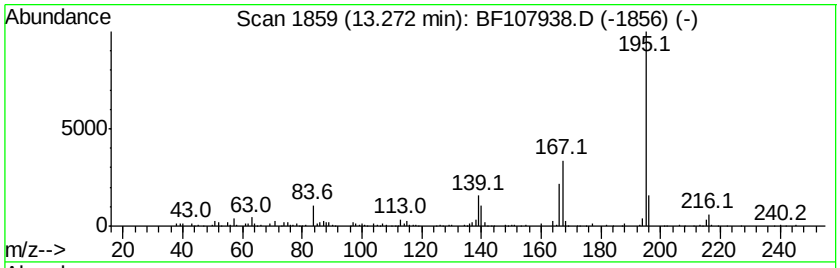
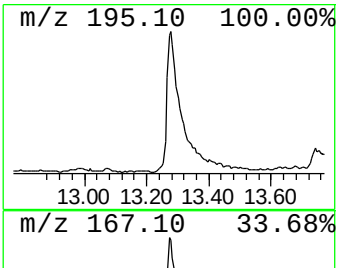
Peak Number 19 6(5H)-Phenanthridinone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.06 ng	194448	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	93
2	3-Acridinol	195	C13H9NO	007132-70-9	93
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	90
4	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	90
5	Dibenz[b,f]][1,4]oxazepine	195	C13H9NO	000257-07-8	87





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Data File : BF107938.D
Acq On : 3 Aug 2018 15:29
Operator : JU/SJ
Sample : J4262-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-073118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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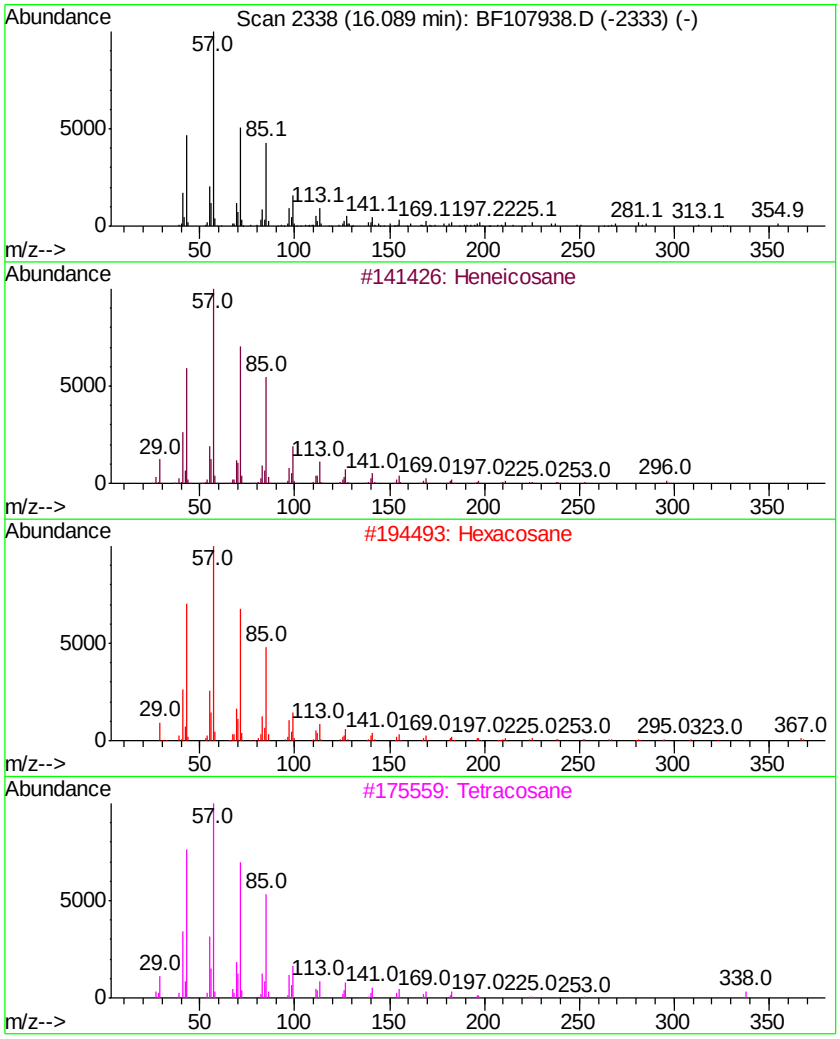
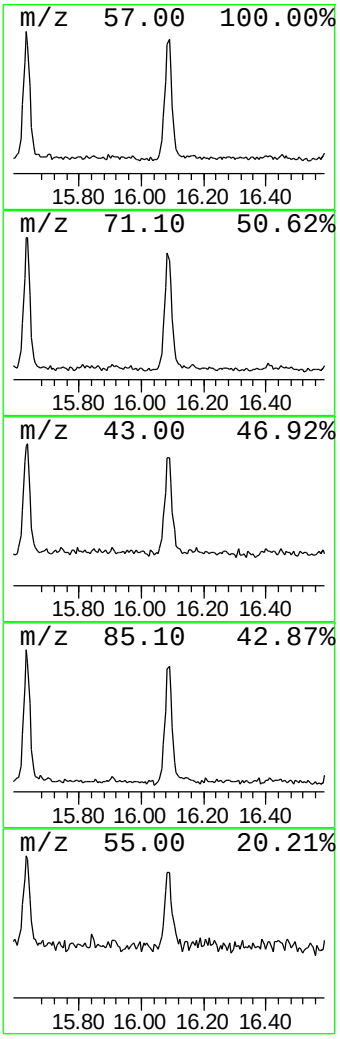
Peak Number 20 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	4.92 ng	231724	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptadecane	240	C17H36	000629-78-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
Data File : BF107938.D
Acq On : 3 Aug 2018 15:29
Operator : JU/SJ
Sample : J4262-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-073118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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
2-Pentanone, 4-hy...	5.18	8.3	ng	241955	1	6.95	580110	20.0
Benzene, (1-methy...	6.11	11.9	ng	344656	1	6.95	580110	20.0
unknown6.72	6.72	113.5	ng	3291130	1	6.95	580110	20.0
Indane	7.13	204.2	ng	5921930	1	6.95	580110	20.0
Benzofuran, 7-met...	7.59	12.4	ng	359185	1	6.95	580110	20.0
Naphthalene, 2-me...	9.04	5.6	ng	1787930	2	8.24	6348910	20.0
unknown9.15	9.15	5.7	ng	313334	3	9.99	1105560	20.0
Naphthalene, 1-et...	9.51	5.3	ng	290642	3	9.99	1105560	20.0
Naphthalene, 2,7-...	9.58	7.1	ng	393741	3	9.99	1105560	20.0
Naphthalene, 1,6-...	9.65	10.5	ng	580813	3	9.99	1105560	20.0
Naphthalene, 2,6-...	9.77	6.4	ng	353599	3	9.99	1105560	20.0
1(2H)-Acenaphthyl...	10.92	8.5	ng	431639	4	11.49	1011000	20.0
9H-Fluorene, 2-me...	11.09	5.0	ng	253179	4	11.49	1011000	20.0
Dibenzothiophene	11.39	8.6	ng	432888	4	11.49	1011000	20.0
1H-Cyclopropa[l]p...	12.00	12.7	ng	639529	4	11.49	1011000	20.0
4H-Cyclopenta[def...	12.11	12.6	ng	635271	4	11.49	1011000	20.0
Octadecanoic acid	12.78	19.9	ng	1006450	4	11.49	1011000	20.0
6(5H)-Phenanthrid...	13.27	4.1	ng	194448	5	14.14	958000	20.0
Heneicosane	16.09	4.9	ng	231724	6	15.67	942373	20.0