LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085348.D
Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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-BF030316.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	5.133	246	249	253	rVB	80124	107204	2.66%	0.244%
2	5.533	282	284	287	rBV	1276699	1741154	43.20%	3.957%
3	5.819	304	309	314	rVB2	35623	54580	1.35%	0.124%
4	6.104	331	334	336	rBV	45412	48911	1.21%	0.111%
5	6.401	357	360	362	rVB	66211	71501	1.77%	0.162%
6	6.447	362	364	367	rBV	47235	64402	1.60%	0.146%
7	6.561	371	374	376	rBV	1256885	1178876	29.25%	2.679%
8	6.710	384	387	389	rBV	2934195	3437396	85.29%	7.812%
9	6.939	405	407	409	rBV	1050254	878017	21.79%	1.995%
10	6.973	409	410	411	rVB	74126	51569	1.28%	0.117%
11	7.099	418	421	422	rBV	3562723	3315197	82.26%	7.534%
12	7.122	422	423	425	rVV	136238	96058	2.38%	0.218%
13	7.190	427	429	433	rVB5	21715	42613	1.06%	0.097%
14	7.282	433	437	439	rBV	90937	104181	2.58%	0.237%
15	7.339	439	442	444	rBV3	52628	63135	1.57%	0.143%
16	7.384	444	446	451	rVB3	38554	78994	1.96%	0.180%
17	7.499	451	456	459	rBV	2049231	3073389	76.26%	6.984%
18	7.590	462	464	465	rVB	81483	94103	2.33%	0.214%
19	7.636	465	468	471	rVB2	86225	119781	2.97%	0.272%
20	7.693	471	473	475	rBV	56682	60969	1.51%	0.139%
21	7.750	477	478	480	rBV2	31152	43445	1.08%	0.099%
22	7.784	480	481	483	rBV2	35141	43032	1.07%	0.098%
23	7.876	486	489	491	rBV2	150155	174967	4.34%	0.398%
24	7.910	491	492	494	rVB	93189	70917	1.76%	0.161%
25	7.956	494	496	500	rBV4	66477	121425	3.01%	0.276%
26	8.036	500	503	504	rBV2	81458	140306	3.48%	0.319%
27	8.127	507	511	512	rBV3	26160	51755	1.28%	0.118%
28	8.162	512	514	517	rBV3	48950	81364	2.02%	0.185%
29	8.219	517	519	523	rBV	968401	1631631	40.48%	3.708%
30	8.276	523	524	525	rVB	138261	94778	2.35%	0.215%
31	8.356	528	531	532	rBV2	83419	135648	3.37%	0.308%
32	8.379	532	533	534	rVB	87172	59756	1.48%	0.136%
33	8.470	538	541	543	rBV2	305746	401984	9.97%	0.914%
34	8.527	543	546	549	rVB4	76206	162434	4.03%	0.369%

LSC Area Percent Report

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Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.585	549	551	552	rVB2	42504	46599	1.16%	0.106%
36	8.607	552	553	554	rVB	86834	59568	1.48%	0.135%
37	8.699	556	561	563	rBV4	216336	432491	10.73%	0.983%
38	8.745	563	565	566	rVB	52053	63173	1.57%	0.144%
39	8.813	569	571	573	rVV	1579501	1532369	38.02%	3.482%
40	8.859	573	575	577	rVV	152957	238234	5.91%	0.541%
41	8.893	577	578	579	rVB	233437	160021	3.97%	0.364%
42	8.916	579	580	583	rBV2	143238	115074	2.86%	0.262%
43	8.962	583	584	588	rVB3	96275	93922	2.33%	0.213%
44	9.030	588	590	591	rBV	359842	356795	8.85%	0.811%
45	9.065	591	593	596	rVB2	134764	243403	6.04%	0.553%
46	9.145	596	600	601	rBV2	133282	275231	6.83%	0.625%
47	9.167	601	602	603	rVB	164365	112672	2.80%	0.256%
48	9.225	603	607	609	rBV4	133897	182901	4.54%	0.416%
49	9.259	609	610	611	rVV	118129	89913	2.23%	0.204%
50	9.305	611	614	615	rVV	4101680	4030272	100.00%	9.159%
51	9.327	615	616	618	rVB2	140551	127223	3.16%	0.289%
52	9.419	620	624	625	rBV3	89237	174600	4.33%	0.397%
53	9.442	625	626	630	rVV2	147023	270278	6.71%	0.614%
54	9.545	632	635	638	rBV2	333215	728684	18.08%	1.656%
55	9.613	638	641	646	rVV5	135741	472010	11.71%	1.073%
56	9.693	646	648	649	rVV	141051	161646	4.01%	0.367%
57	9.739	649	652	654	rVV	368659	413256	10.25%	0.939%
58	9.796	655	657	658	rVB	64916	67705	1.68%	0.154%
59	9.830	658	660	662	rBV3	49199	93337	2.32%	0.212%
60	9.876	662	664	666	rBV3	83305	100774	2.50%	0.229%
61	9.933	666	669	671	rBV4	64540	83127	2.06%	0.189%
62	9.979	671	673	676	rVV	1179509	1257770	31.21%	2.858%
63	10.036	676	678	679	rVV	60387	72459	1.80%	0.165%
64	10.059	679	680	682	rVV2	137374	155738	3.86%	0.354%
65	10.105	682	684	685	rVB	78162	86249	2.14%	0.196%
66	10.139	685	687	690	rBV3	167658	182572	4.53%	0.415%
67	10.299	698	701	703	rBV3	139779	238470	5.92%	0.542%
68	10.356	703	706	709	rVV3	155654	280000	6.95%	0.636%
69	10.402	709	710	713	rVV2	104876	165840	4.11%	0.377%
70	10.459	713	715	719	rVV2	345352	464540	11.53%	1.056%
71	10.516	719	720	722	rVV2	67455	90114	2.24%	0.205%

LSC Area Percent Report

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Data File : BF085348.D
Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.596	724	727	732	rVV	469365	667558	16.56%	1.517%
73	10.676	732	734	739	rVV2	242194	537843	13.35%	1.222%
74	10.768	739	742	745	rVV	1852201	2194984	54.46%	4.988%
75	10.813	745	746	749	rVV2	142645	147687	3.66%	0.336%
76	10.893	749	753	756	rVV2	314233	502919	12.48%	1.143%
77	10.973	757	760	761	rVV2	84959	169037	4.19%	0.384%
78	11.008	761	763	765	rVV3	75394	146621	3.64%	0.333%
79	11.111	769	772	775	rVV3	121497	378962	9.40%	0.861%
80	11.156	775	776	777	rVV	170821	153078	3.80%	0.348%
81	11.213	780	781	783	rVV2	96802	133965	3.32%	0.304%
82	11.271	783	786	789	rVV4	63639	189330	4.70%	0.430%
83	11.339	789	792	795	rVV5	65438	179134	4.44%	0.407%
84	11.396	795	797	799	rVV2	95047	166889	4.14%	0.379%
85	11.465	801	803	805	rVV	981506	882475	21.90%	2.005%
86	11.522	806	808	811	rVV2	145243	208382	5.17%	0.474%
87	11.579	811	813	816	rVB2	239119	285040	7.07%	0.648%
88	11.671	819	821	824	rVB4	33442	47712	1.18%	0.108%
89	11.842	833	836	839	rBV3	191065	337473	8.37%	0.767%
90	11.991	847	849	854	rVB4	173920	268492	6.66%	0.610%
91	12.071	854	856	858	rBV2	48612	46614	1.16%	0.106%
92	12.242	869	871	873	rVB3	33497	46091	1.14%	0.105%
93	12.345	878	880	882	rVB2	41312	46082	1.14%	0.105%
94	12.596	900	902	905	rVB3	34010	48393	1.20%	0.110%
95	12.768	915	917	922	rBV	92393	156286	3.88%	0.355%
96	13.054	939	942	944	rBV	2963273	2935749	72.84%	6.672%
97	13.945	1018	1020	1023	rBV	64828	78993	1.96%	0.180%
98	14.105	1031	1034	1036	rBV	597019	680759	16.89%	1.547%
99	15.568	1159	1162	1171	rVB	550738	752089	18.66%	1.709%

Sum of corrected areas: 44003139

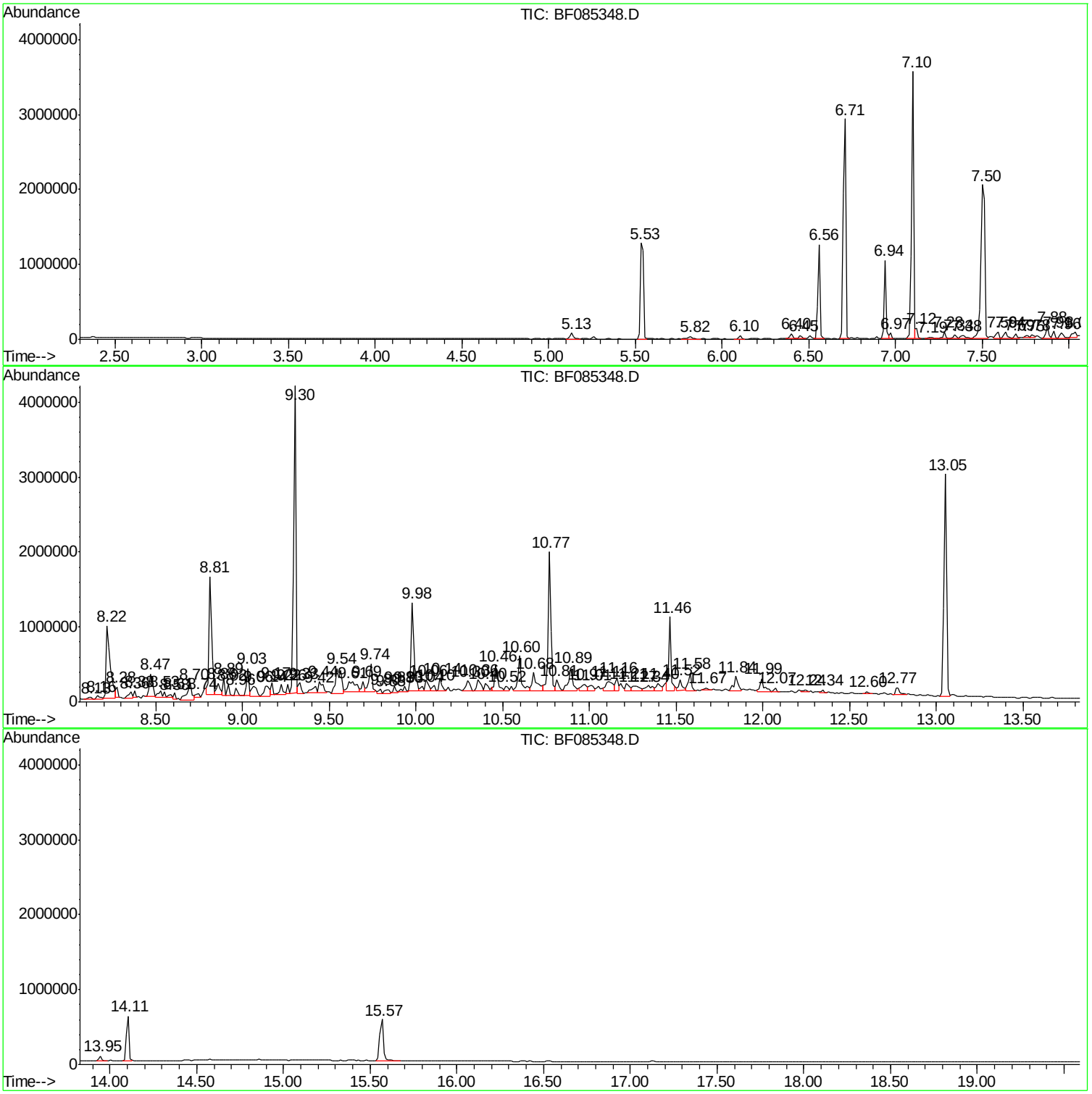
LSC Report - Integrated Chromatogram

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085348.D
Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085348.D
Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

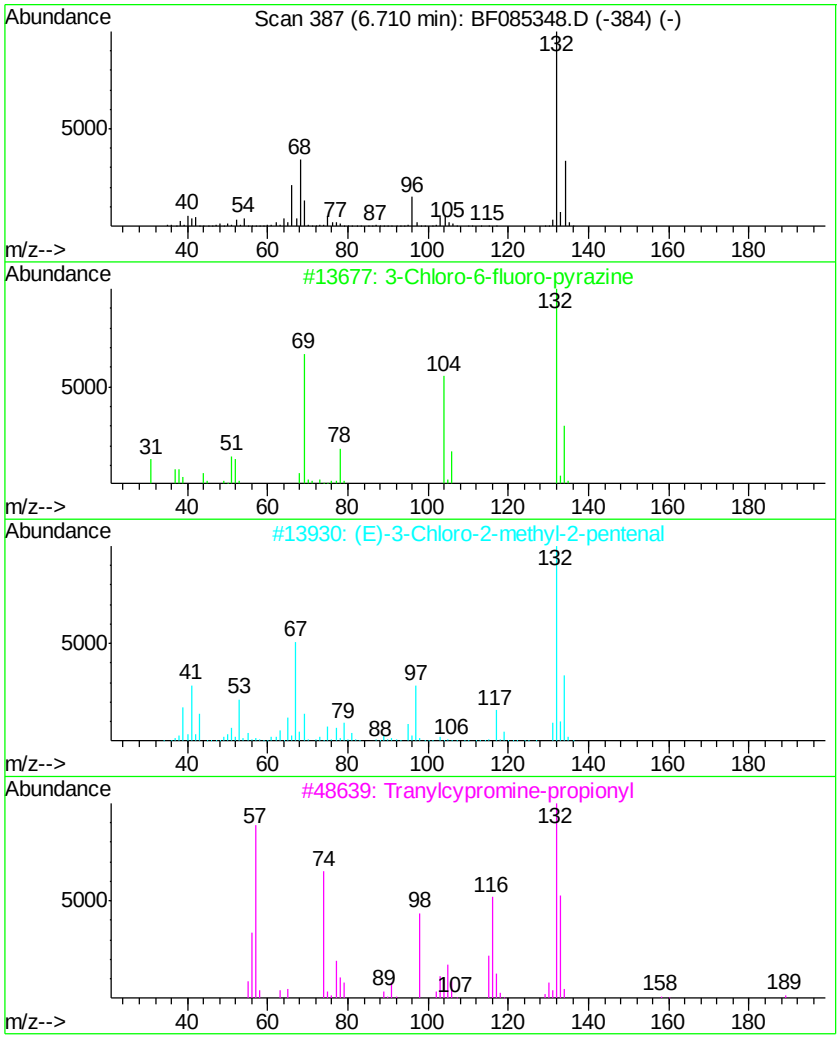
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

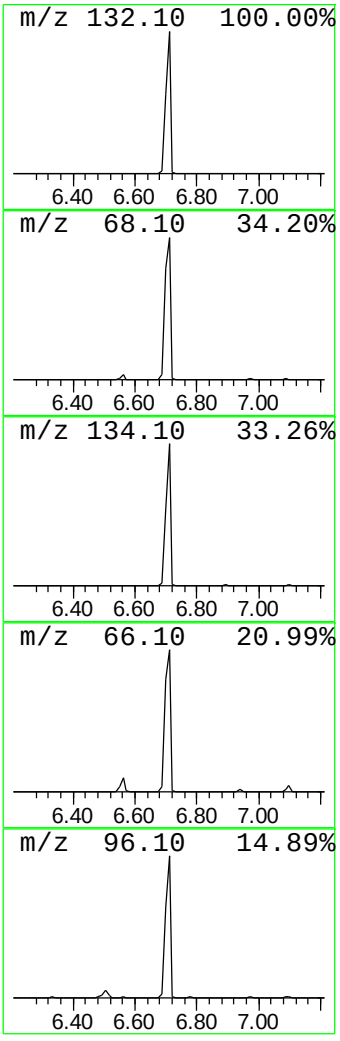
****

Peak Number 1 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	78.30 ng	3437400	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085348.D
Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

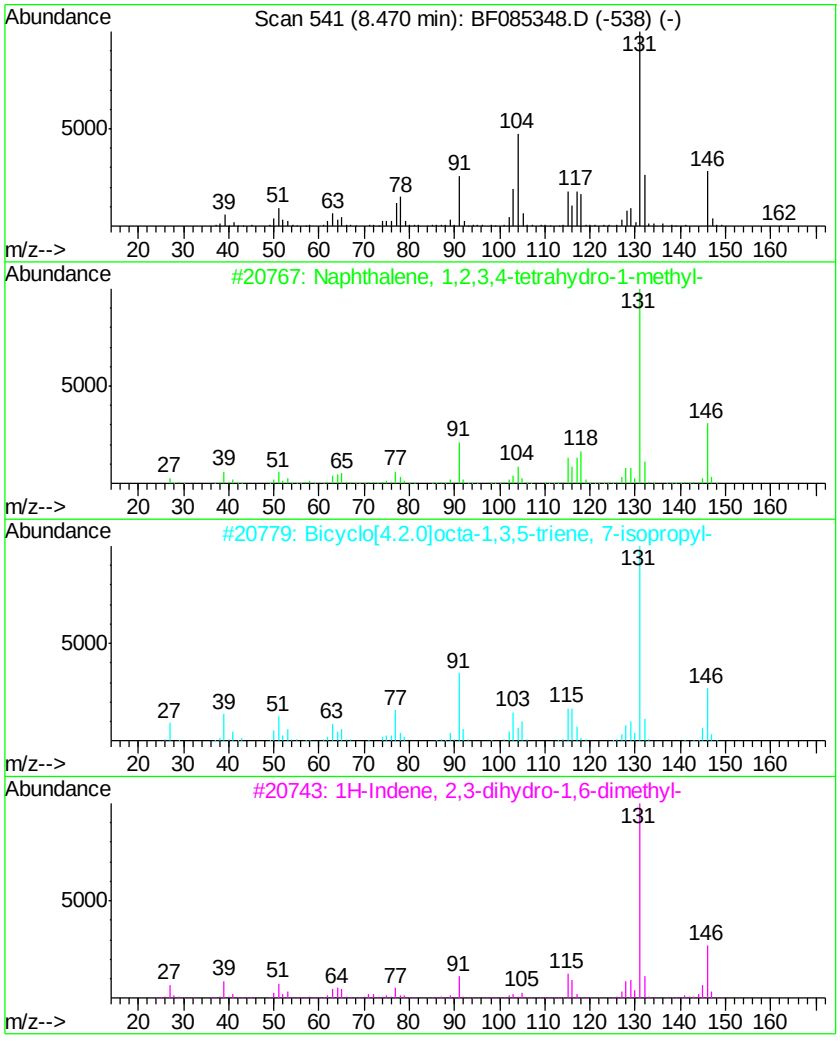
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

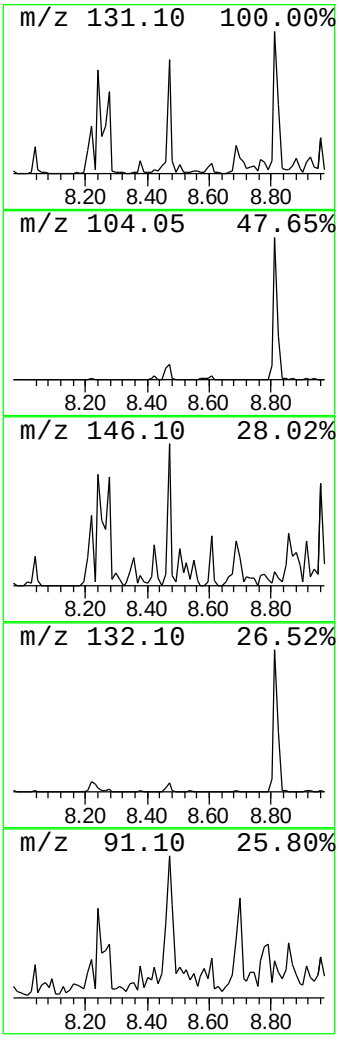
****

Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	4.93 ng	401984	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	52
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	49
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	49
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46





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Data File : BF085348.D
Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

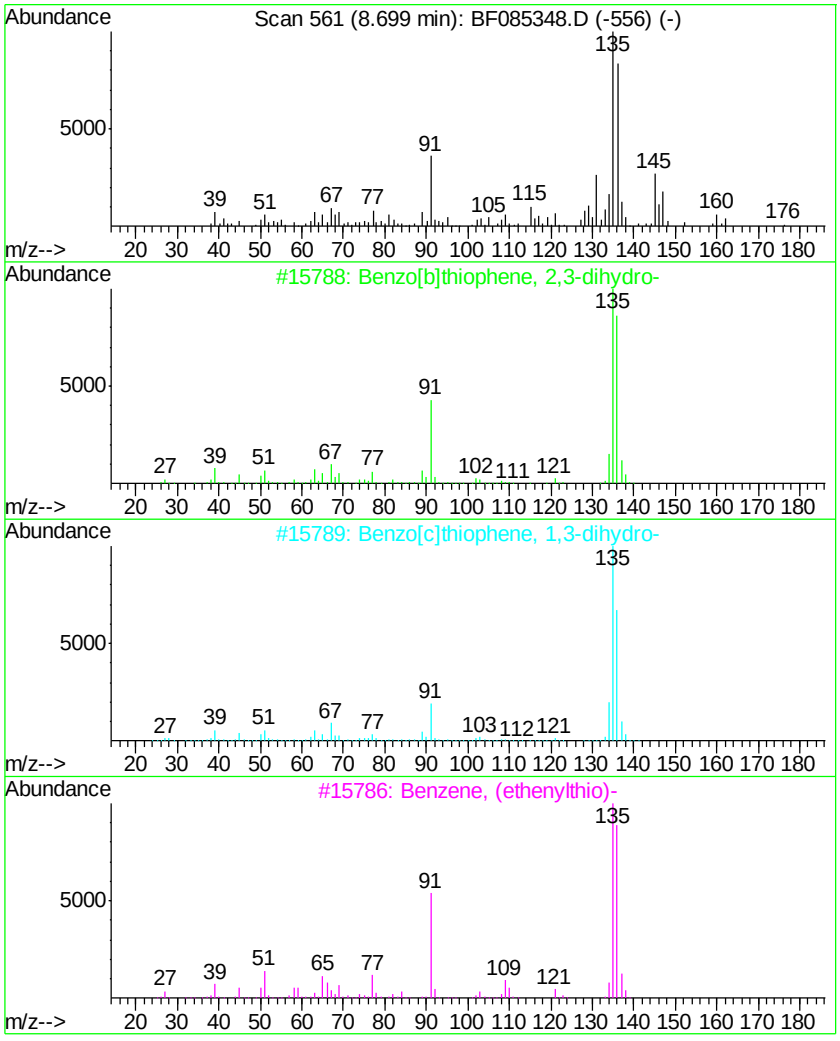
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

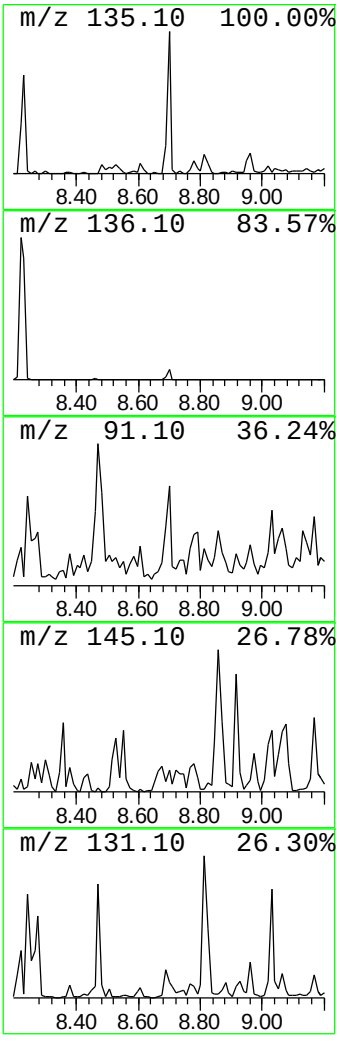
****

Peak Number 4 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	5.30 ng	432491	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	70
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	64
3	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	58
4	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	52
5	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	52





Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085348.D
Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

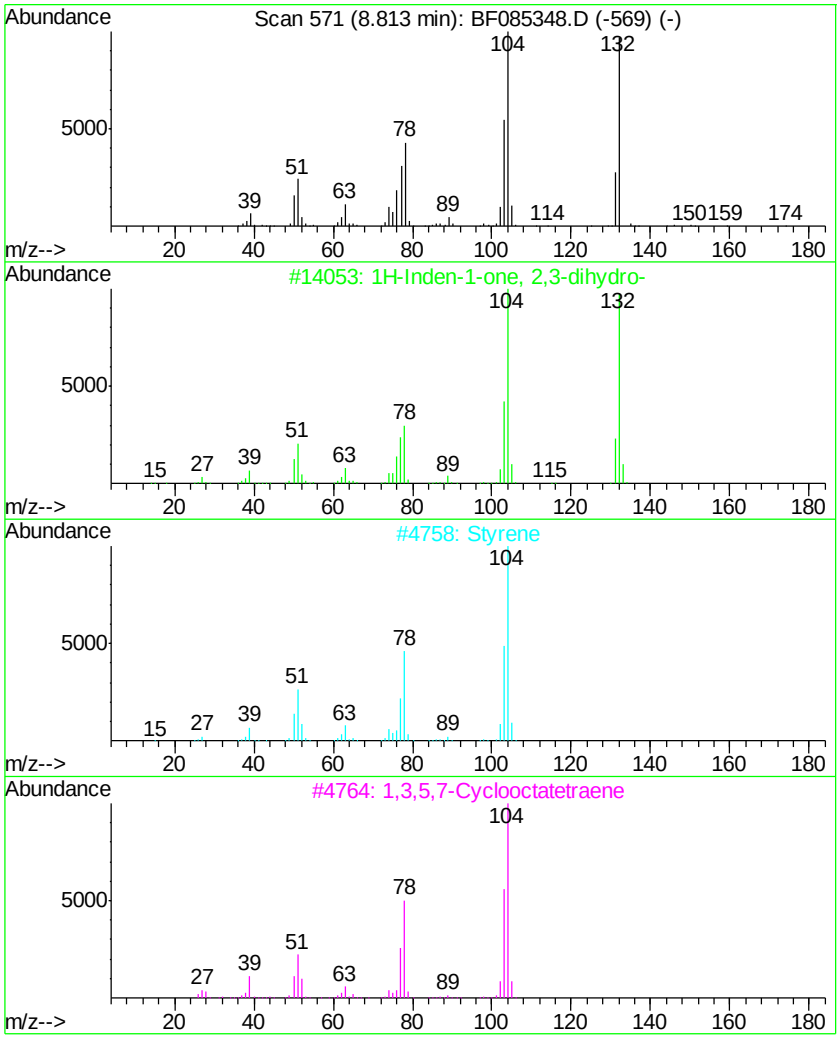
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

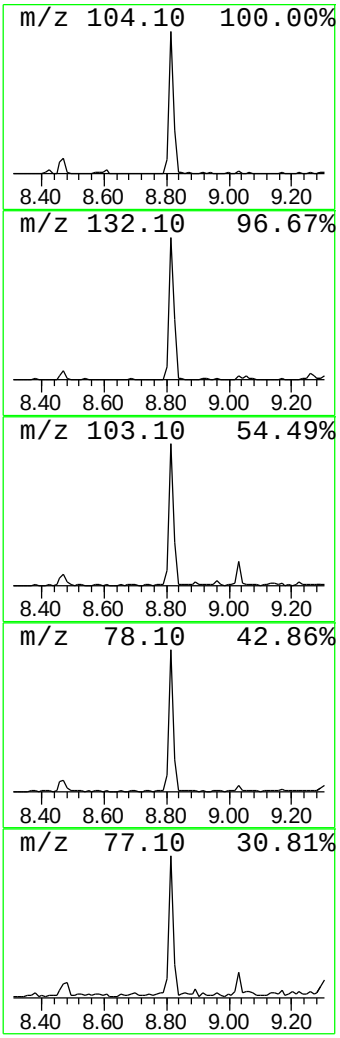
****

Peak Number 5 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	18.78 ng	1532370	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	Styrene	104	C8H8	000100-42-5	91
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64
4	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	64
5	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	64





Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085348.D
Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

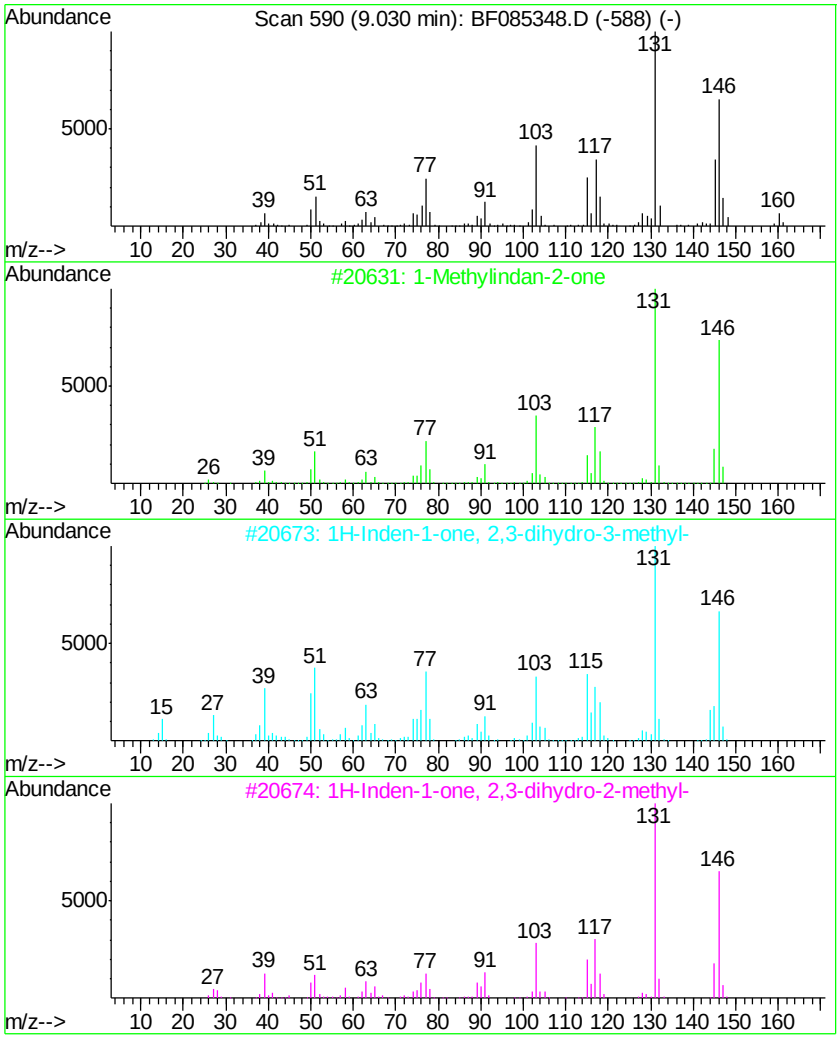
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

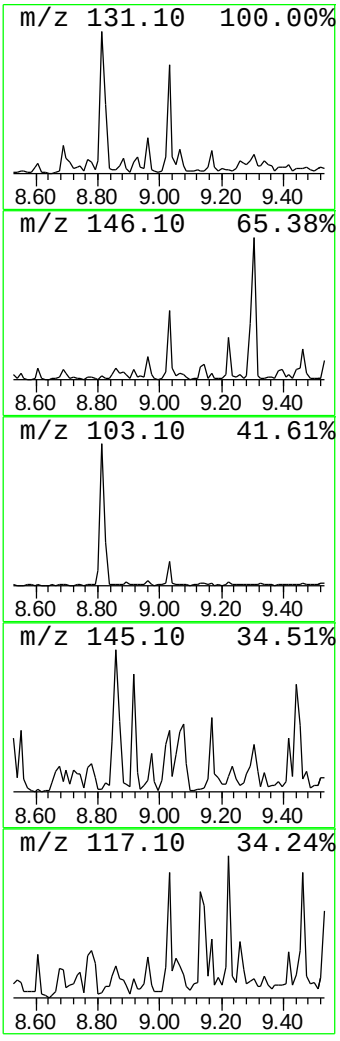
****

Peak Number 6 1-Methylindan-2-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	4.37 ng	356795	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	96
2	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	87
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	81
4	1-Decen-3-one, 5-hydroxy-4-penty...	316	C21H32O2	1000115-33-2	59
5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	53





Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085348.D
Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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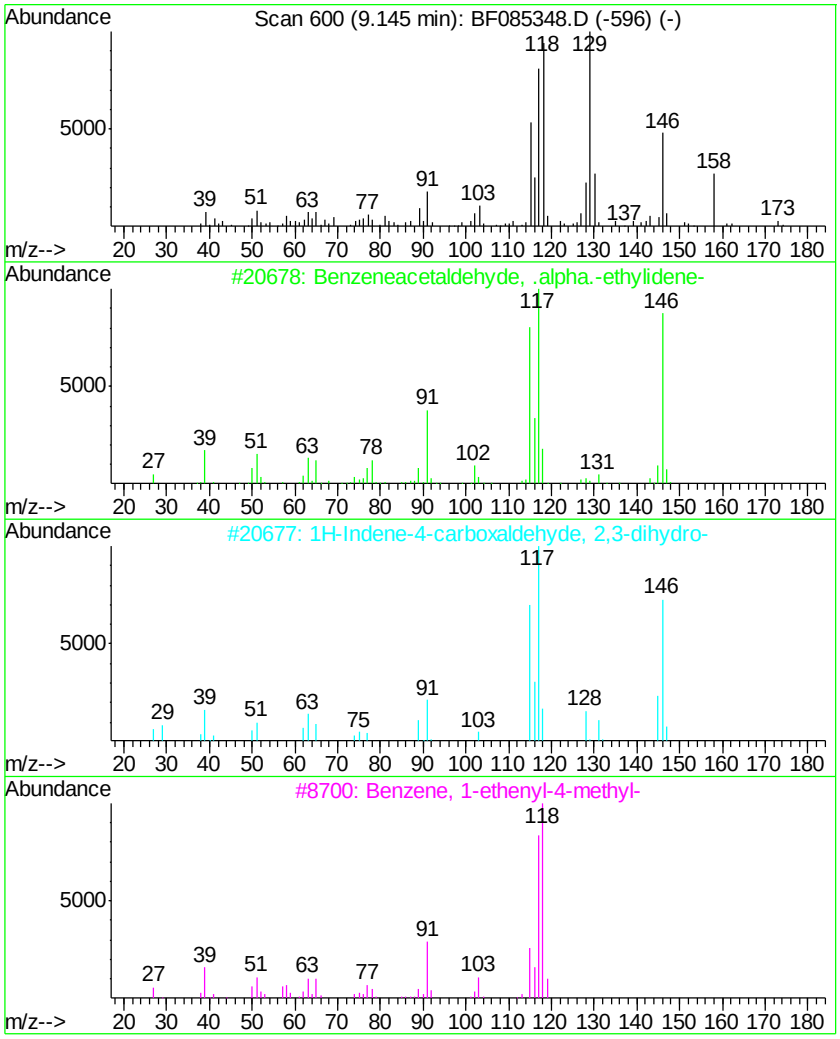
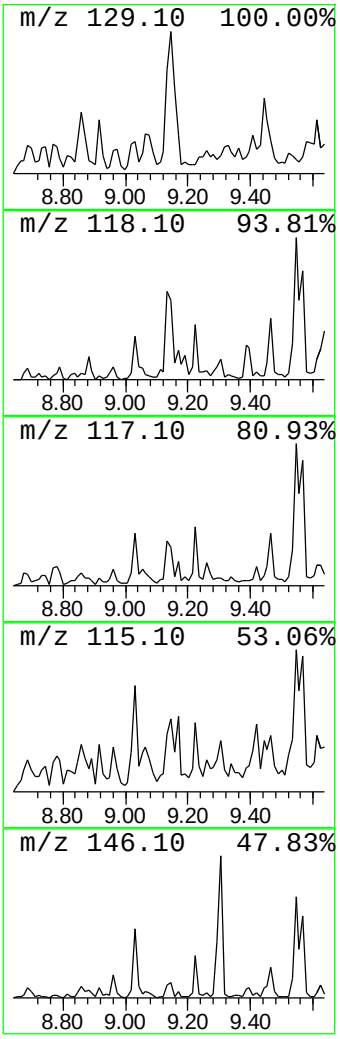
Peak Number 7 unknown9.14 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	4.38 ng	275231	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	46
2	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	45
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	30
4	1-Naphthol, 1,2,3,4-tetrahydro-2...	226	C11H14O3S	163010-44-4	27
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	27





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Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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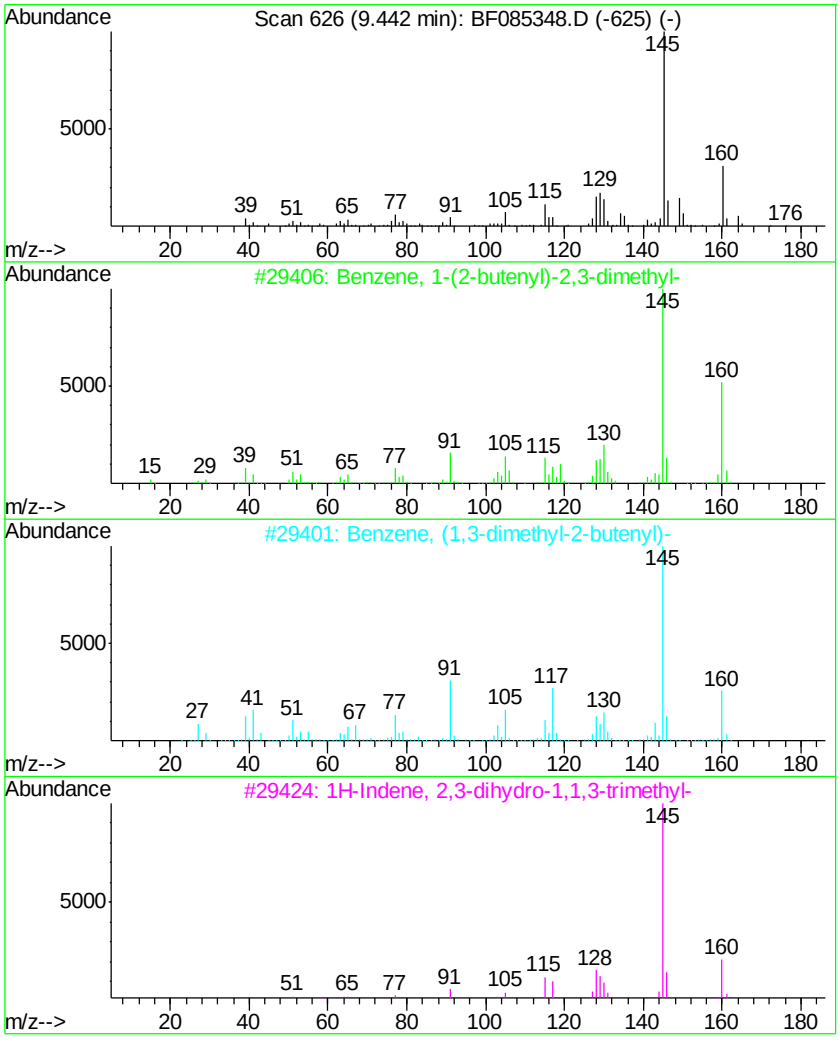
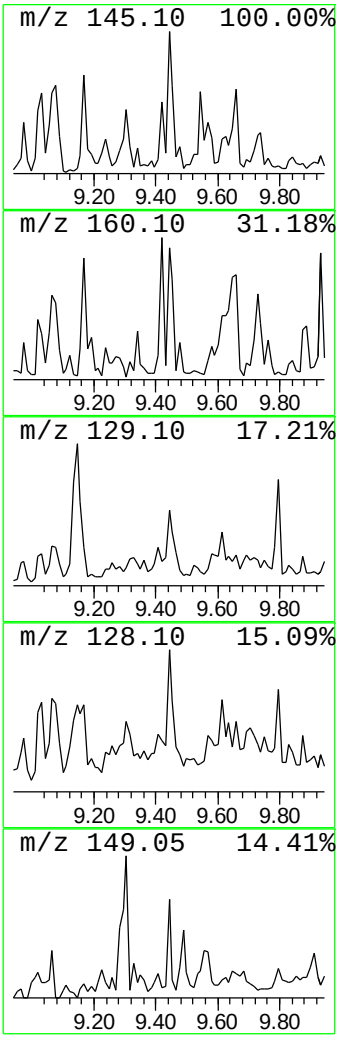
Peak Number 8 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	4.30 ng	270278	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
2	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	87
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	83





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ClientSampleId : MW-2

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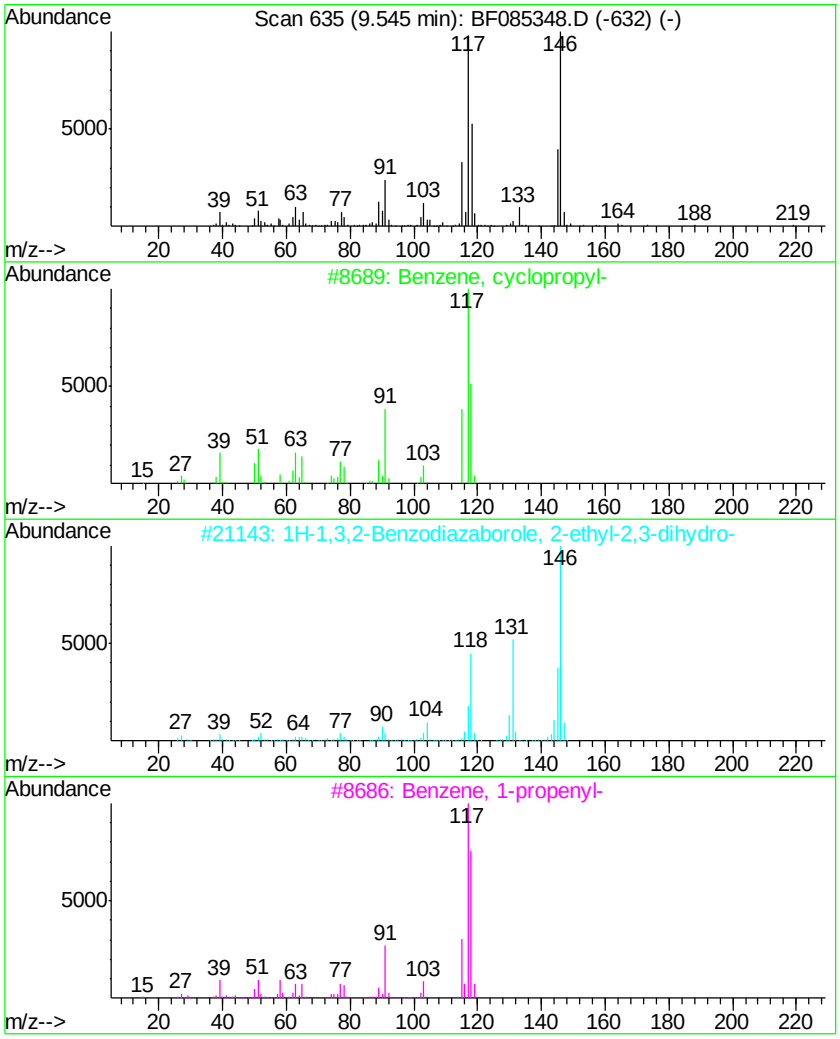
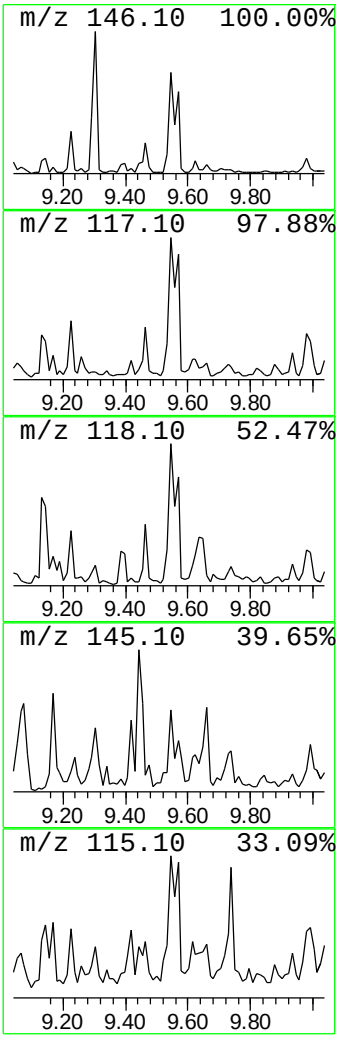
Peak Number 9 Benzene, cyclopropyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	11.59 ng	728684	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	52
2	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	49
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	46
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	46
5	Indane	118	C9H10	000496-11-7	41





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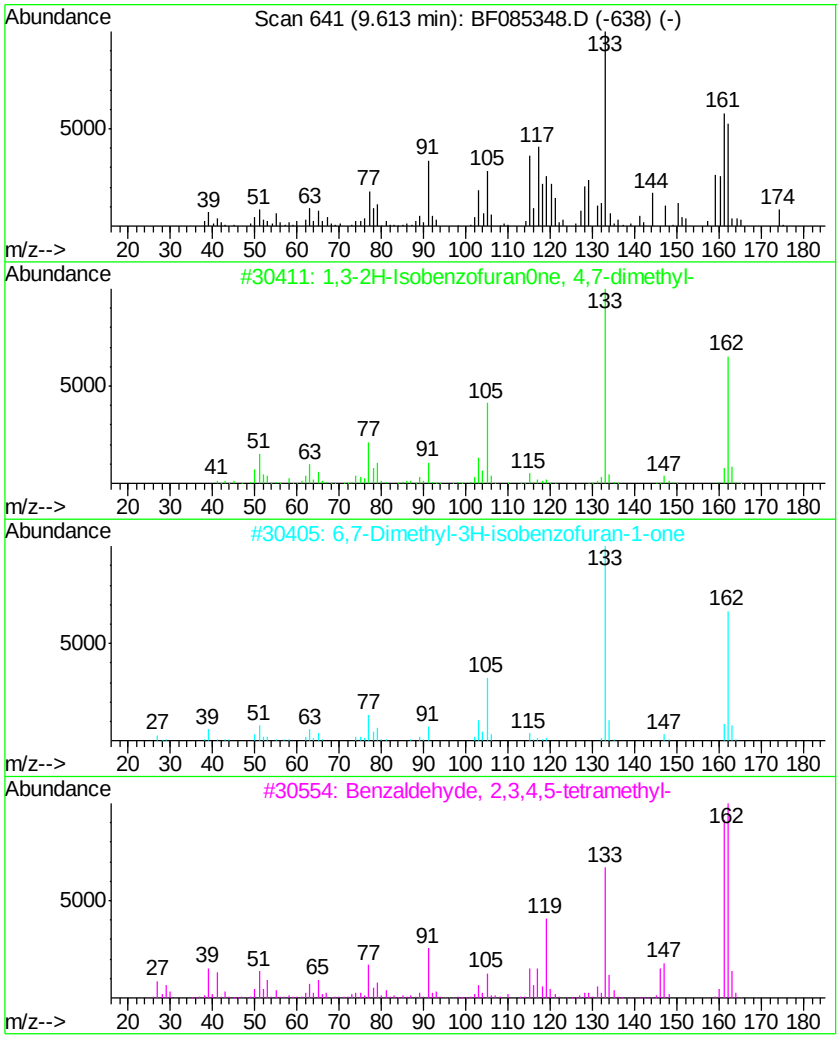
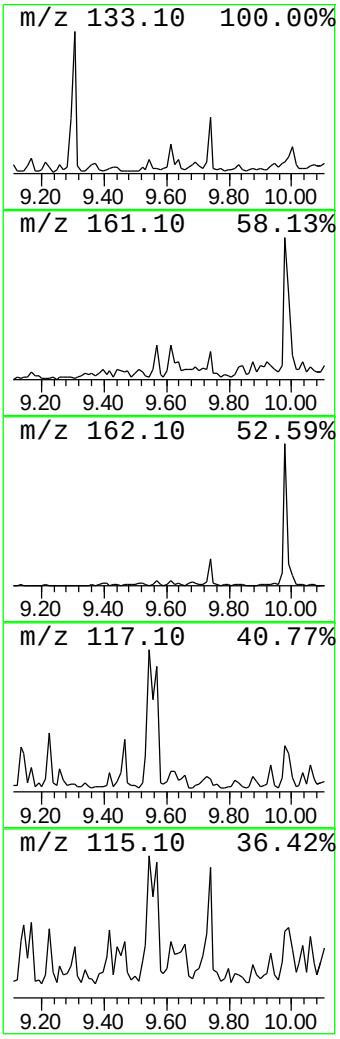
Peak Number 10 unknown9.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	7.51 ng	472010	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-2H-Isobenzofuran0ne, 4,7-dim...	162	C10H10O2	054598-91-3	42
2	6,7-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	343852-50-6	27
3	Benzaldehyde, 2,3,4,5-tetramethyl-	162	C11H14O	029344-95-4	27
4	2-(4-Methylphenyl)-1,3,2-dioxabo...	162	C9H11BO2	069519-10-4	18
5	4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	16





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TIC Library : C:\DATABASE\NIST02.L
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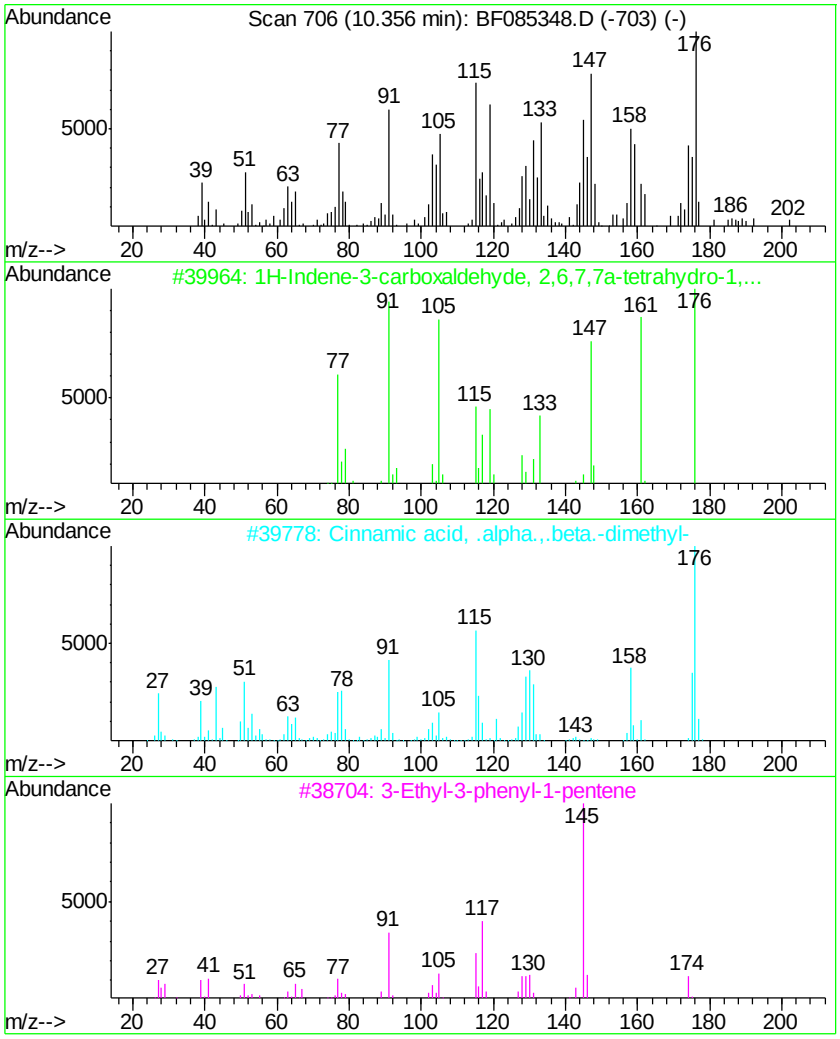
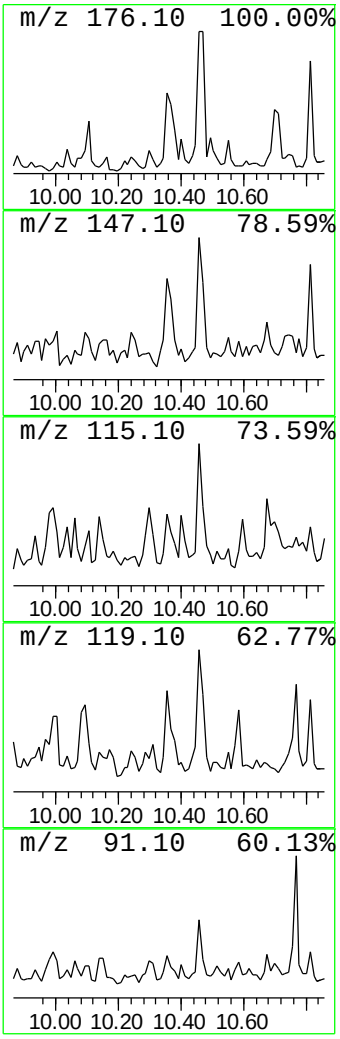
Peak Number 11 unknown10.36 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	4.45 ng	280000	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-3-carboxaldehyde, 2,6,...	176	C12H16O	063767-07-7	49
2	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	38
3	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	25
4	3-Benzofurancarboxaldehyde, 2-me...	176	C10H8O3	040800-89-3	25
5	2(3H)-Benzofuranone, 3-(methoxym...	176	C10H8O3	040800-90-6	25





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TIC Library : C:\DATABASE\NIST02.L
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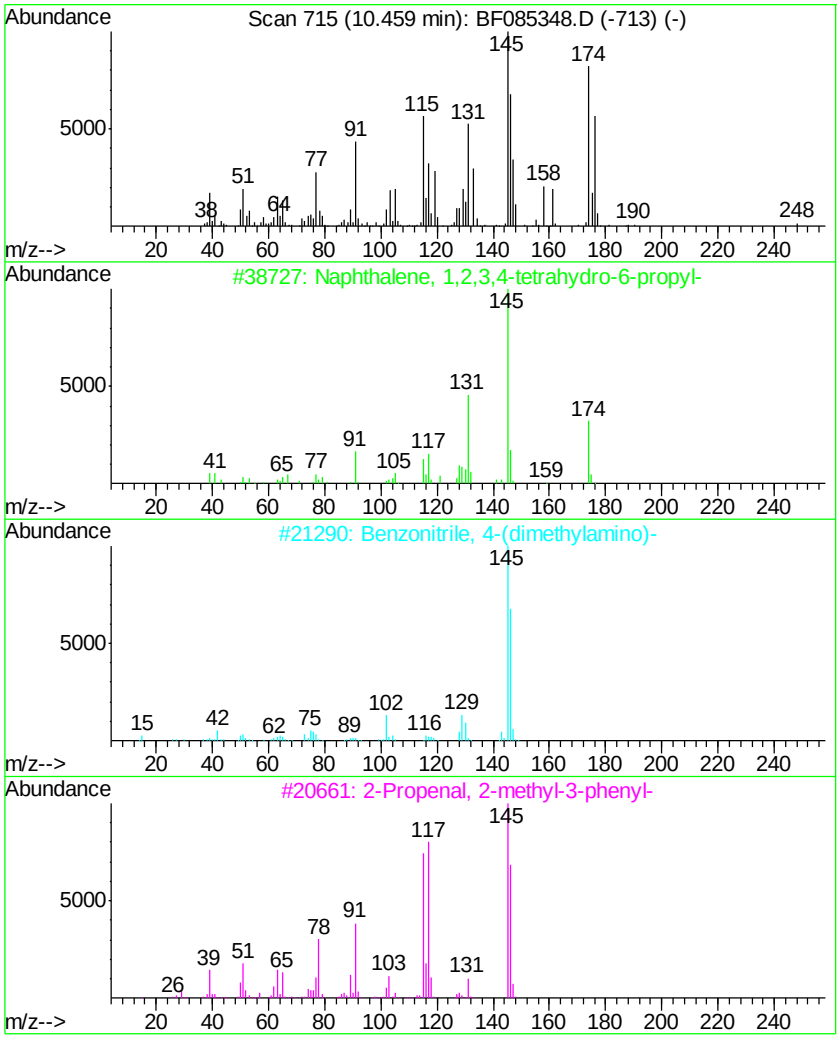
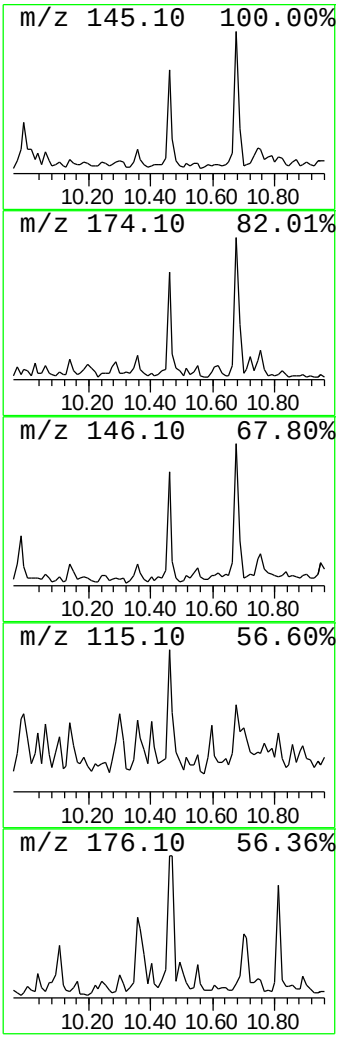
Peak Number 12 unknown10.46 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	7.39 ng	464540	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	46
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	30
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	25
4	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	25
5	3-Ethyl-1,2-dihydro-2-oxoquinoxa...	174	C10H10N2O	013297-35-3	25





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ClientSampleId : MW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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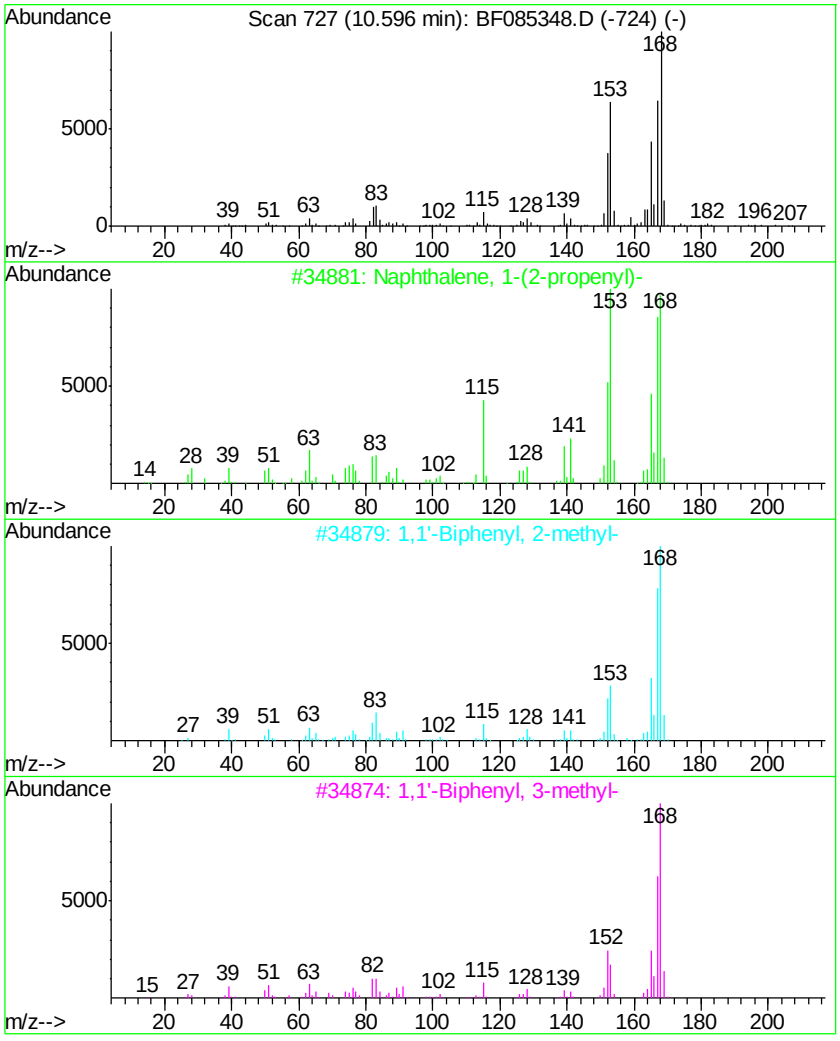
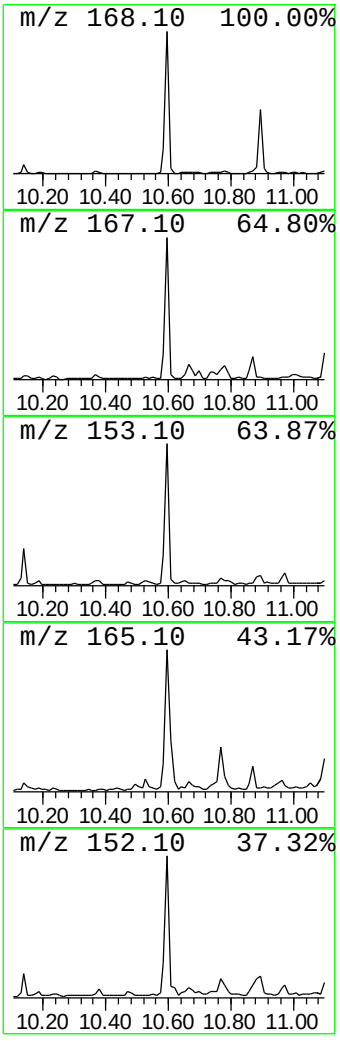
Peak Number 13 Naphthalene, 1-(2-propenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	10.61 ng	667558	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	90
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	52
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50





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TIC Integration Parameters: LSCINT.P

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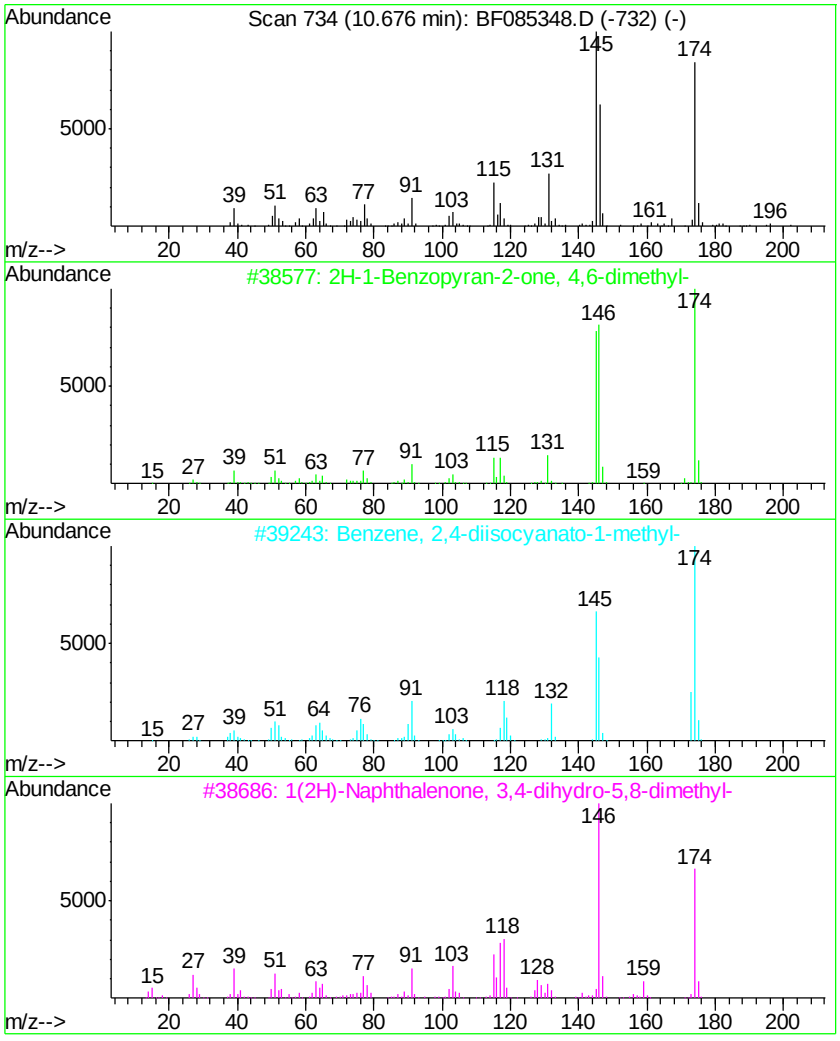
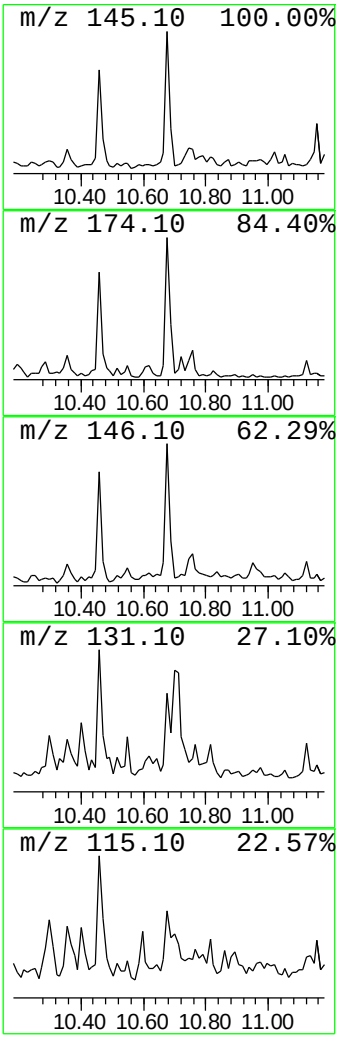
Peak Number 14 2H-1-Benzopyran-2-one, 4,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	8.55 ng	537843	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 4,6-dimet...	174	C11H10O2	014002-89-2	76
2	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	64
3	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	005037-63-8	55
4	1,2-Dihydro-1,3-dimethyl-2-oxoqu...	174	C10H10N2O	003149-25-5	46
5	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	46





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ClientSampleId : MW-2

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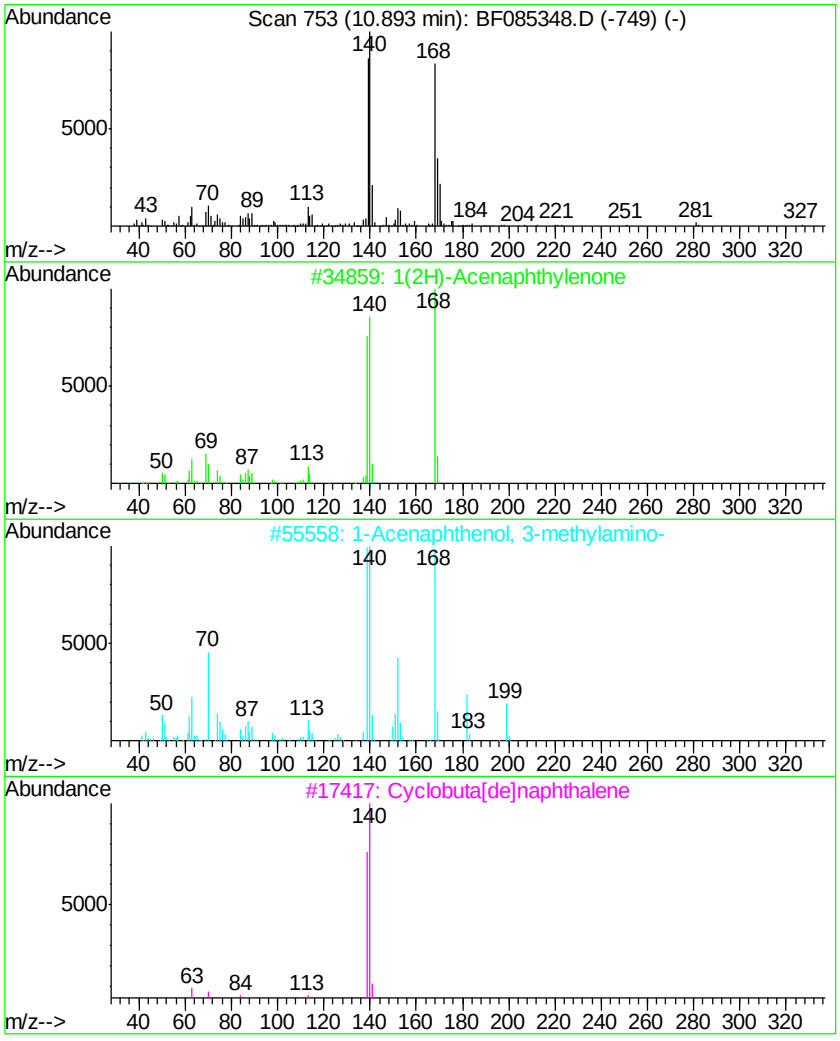
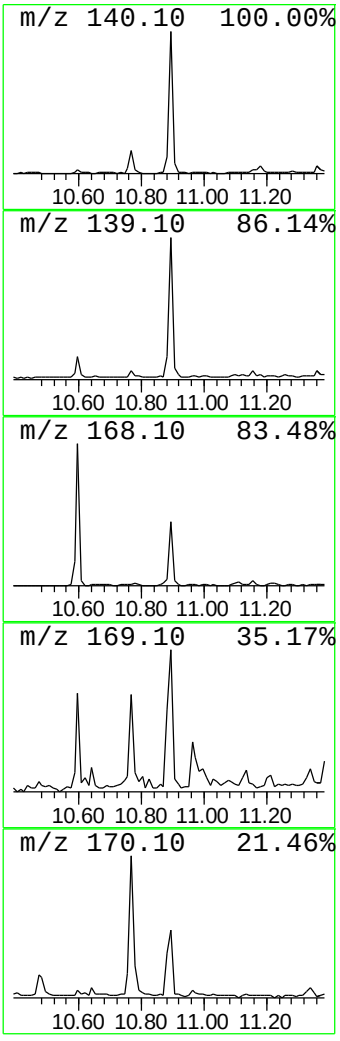
Peak Number 15 1(2H)-Acenaphthylenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	11.40 ng	502919	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	70
2	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	64
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
4	2-Cyclohexen-3-ol-1-one, 2-propi...	168	C9H12O3	062847-90-9	47
5	Dibenzofuran	168	C12H8O	000132-64-9	43





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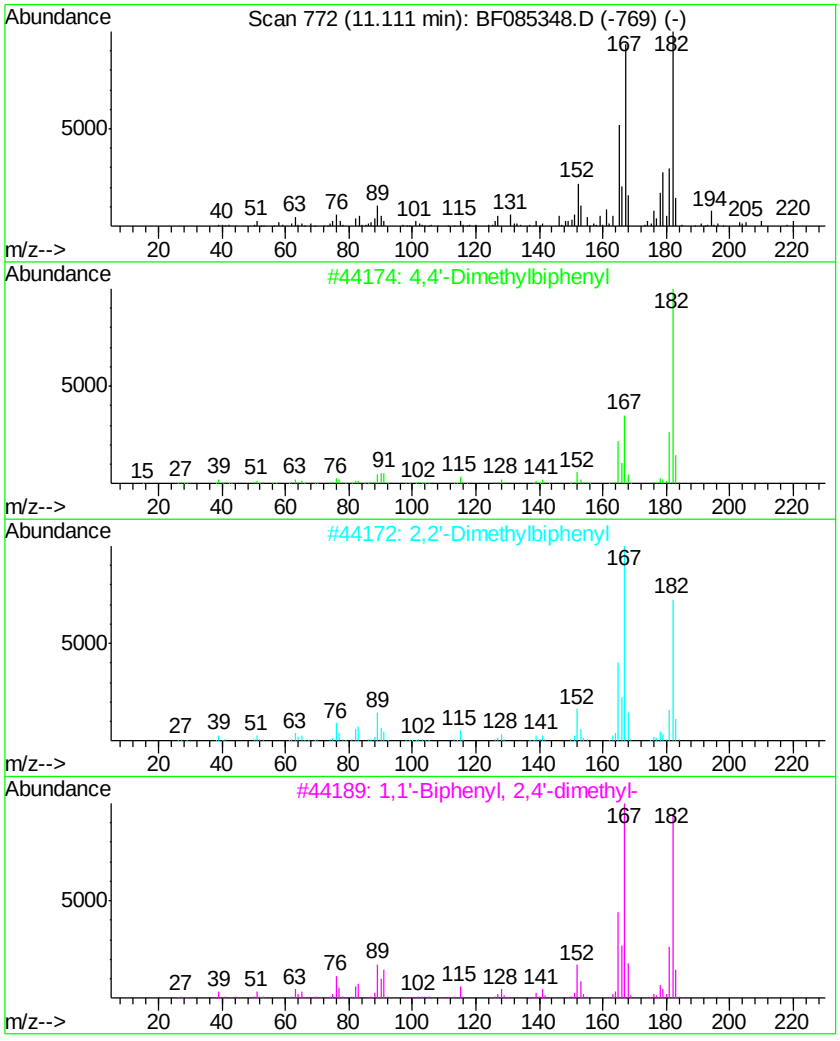
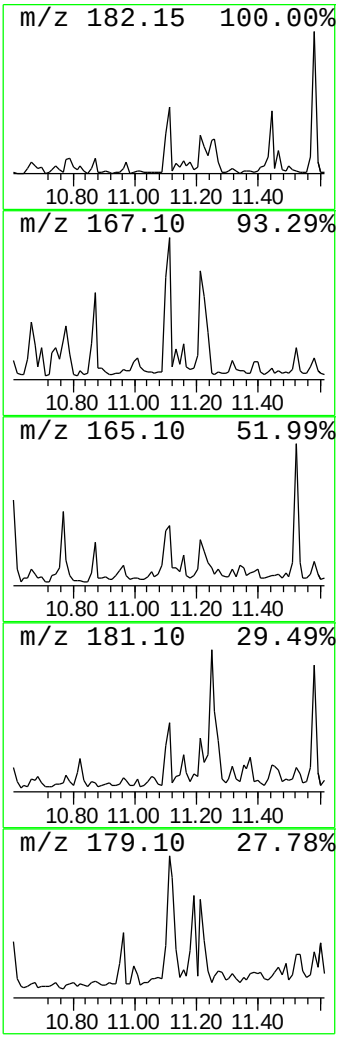
Peak Number 16 4,4'-Dimethylbiphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	8.59 ng	378962	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	93
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	83
3	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	81
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	76
5	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	76





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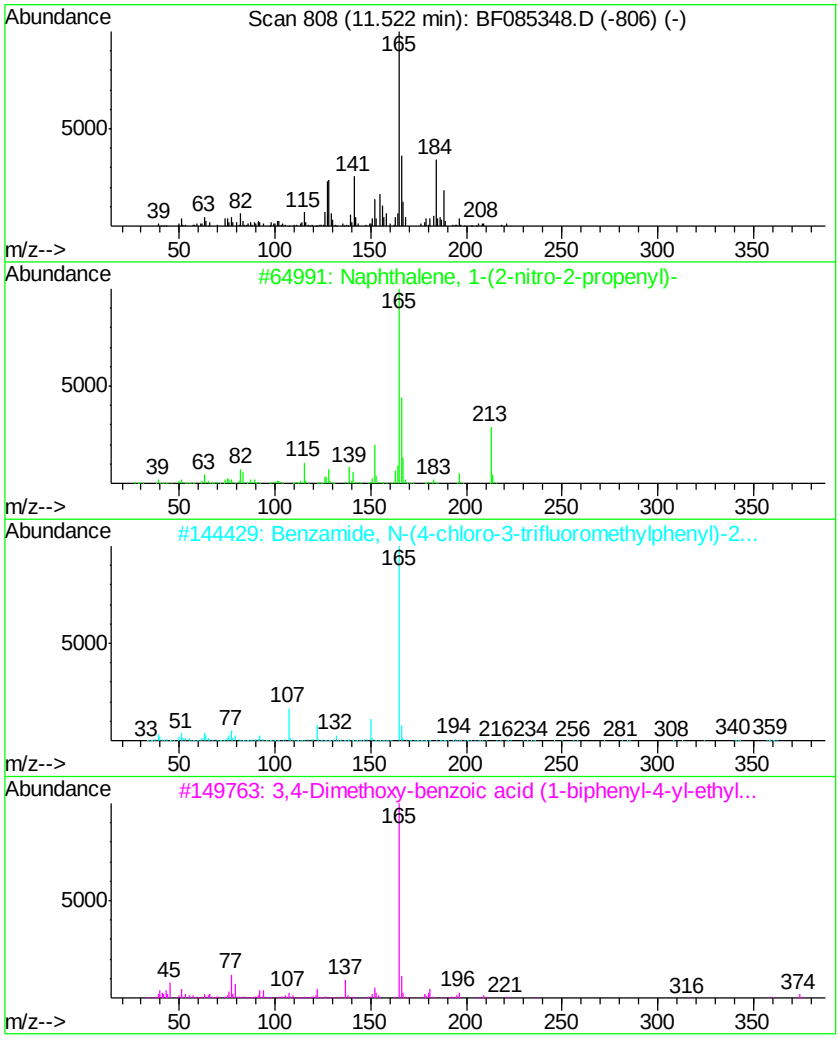
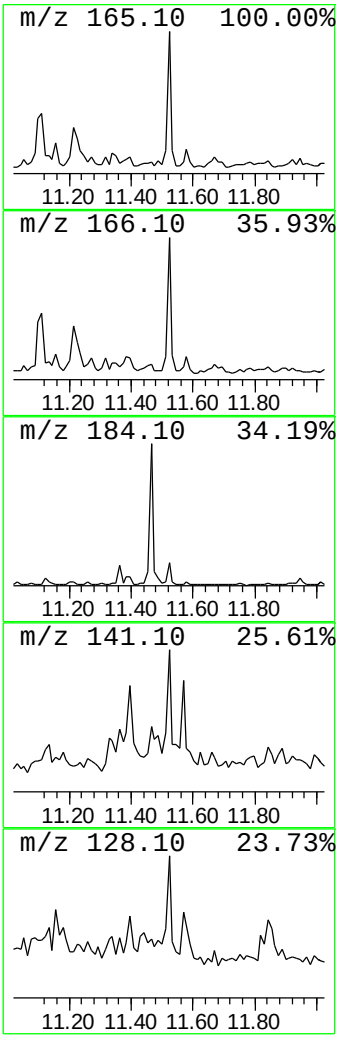
Peak Number 17 unknown11.52 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	4.72 ng	208382	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-nitro-2-propen...	213	C13H11NO2	080255-13-6	46
2	Benzamide, N-(4-chloro-3-trifluo...	359	C16H13ClF3NO3	316128-21-9	27
3	3,4-Dimethoxy-benzoic acid (1-bi...	374	C23H22N2O3	1000294-73-7	17
4	9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	17
5	2H-Cyclodeca[b]pyran, 3,4,5,6,7,...	208	C14H24O	074685-51-1	16





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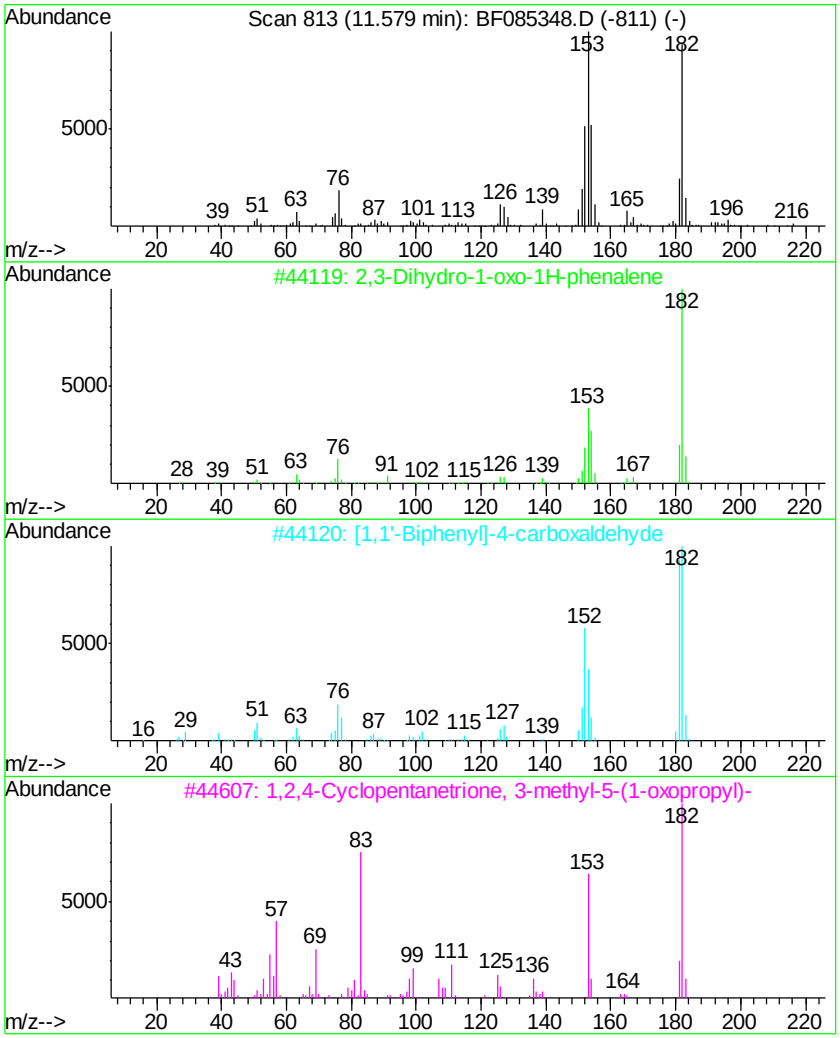
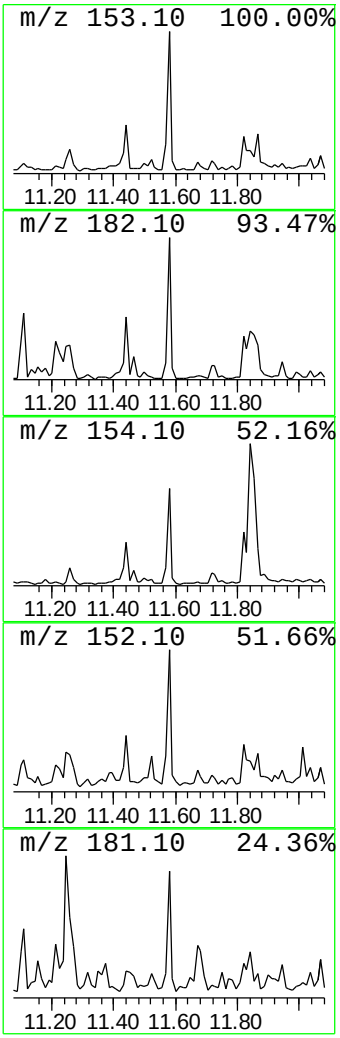
Peak Number 18 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	6.46 ng	285040	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
3	1,2,4-Cyclopentanetrione, 3-meth...	182	C9H10O4	057174-14-8	50
4	1,2,3,4-Tetrahydro-1,7-dimethyl-...	182	C6H10N6O	116471-31-9	45
5	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	43





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Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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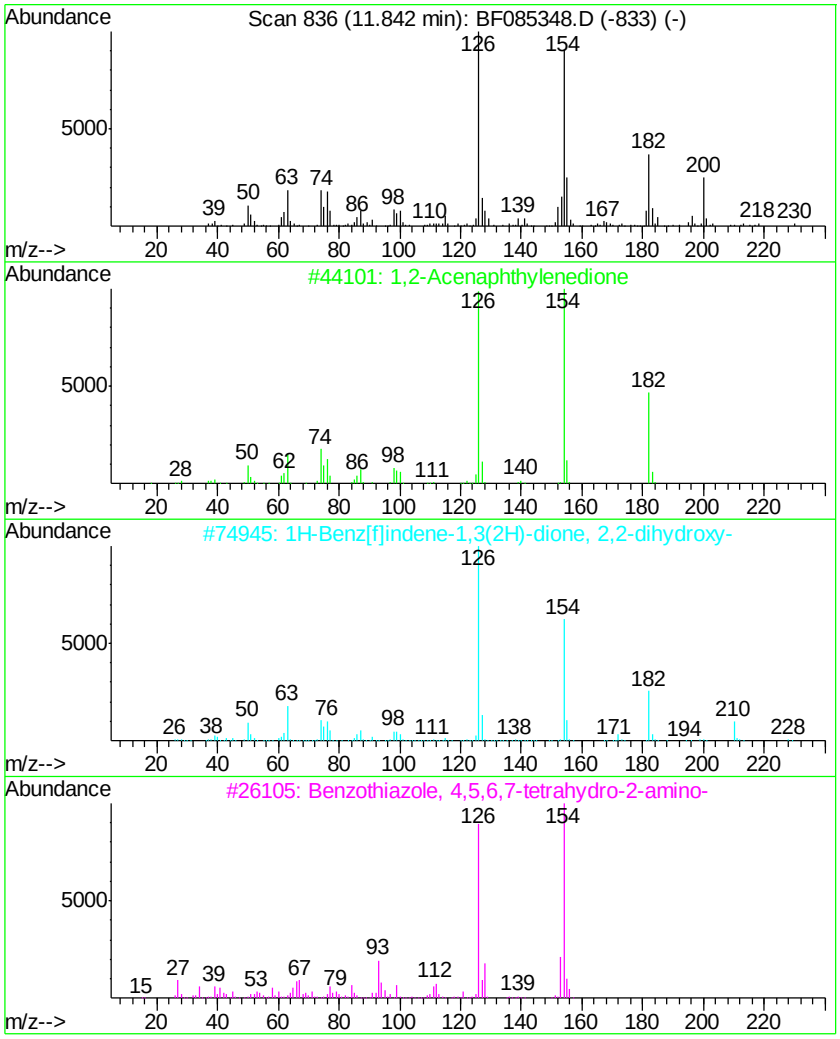
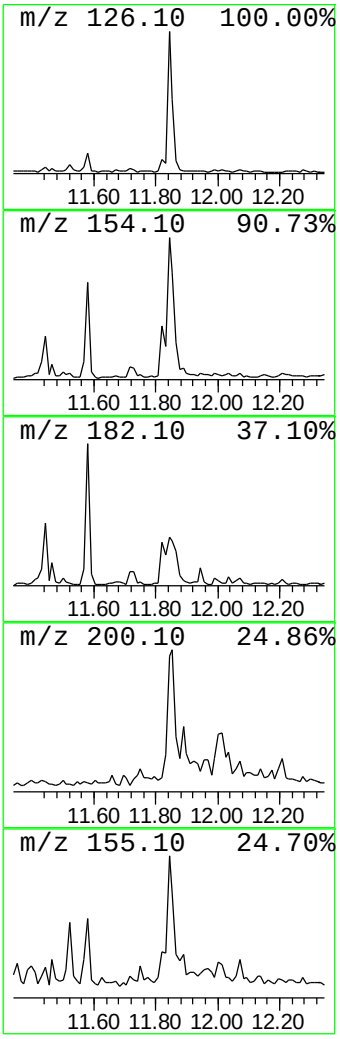
Peak Number 19 1,2-Acenaphthylenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	7.65 ng	337473	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	96
2	1H-Benz[f]indene-1,3(2H)-dione, ...	228	C13H8O4	038627-57-5	64
3	Benzothiazole, 4,5,6,7-tetrahydr...	154	C7H10N2S	002933-29-1	53
4	1H-Benz[f]indene-1,2,3-trione	210	C13H6O3	020927-01-9	53
5	Benzene,1,4-diethynyl-	126	C10H6	000935-14-8	43





Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085348.D
Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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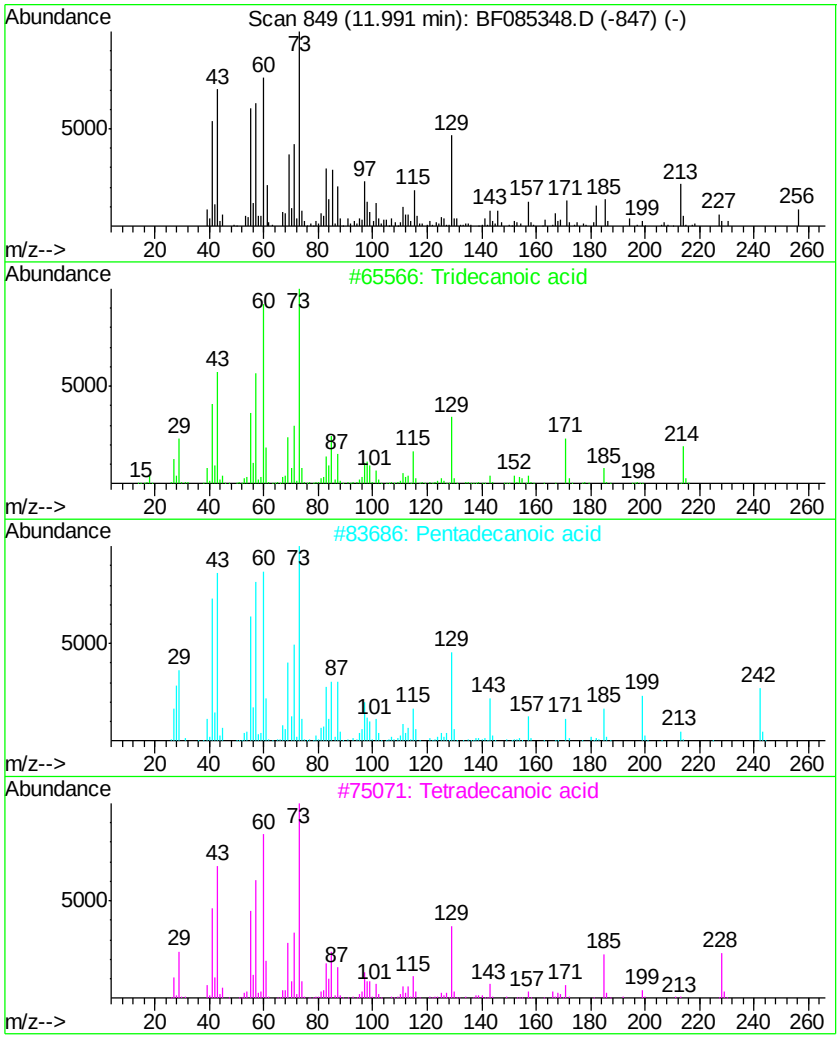
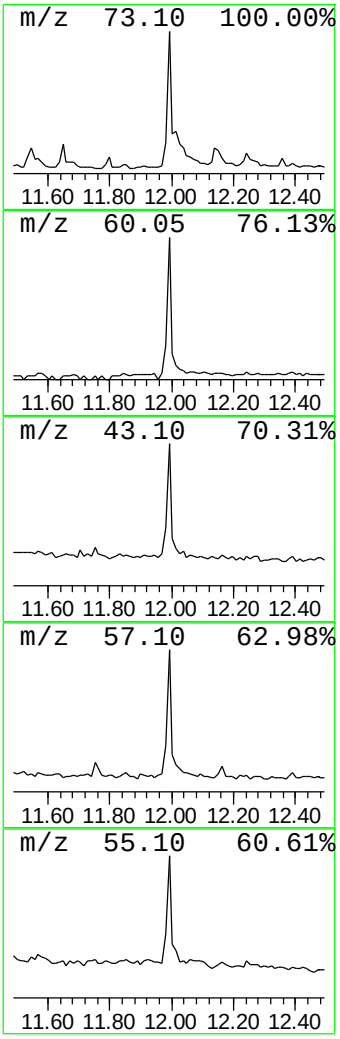
Peak Number 20 Tridecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.08 ng	268492	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	87
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38





Tentatively Identified Compound (LSC) summary

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085348.D
Acq On : 10 Mar 2016 22:23
Operator : UM/SJ
Sample : H1744-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.71	6.71	78.3	ng	3437400	1	6.94	878017	20.0
Naphthalene, 1,2,...	8.47	4.9	ng	401984	2	8.22	1631630	20.0
Benzo[b]thiophene...	8.70	5.3	ng	432491	2	8.22	1631630	20.0
1H-Inden-1-one, 2...	8.81	18.8	ng	1532370	2	8.22	1631630	20.0
1-Methylindan-2-one	9.03	4.4	ng	356795	2	8.22	1631630	20.0
unknown9.14	9.14	4.4	ng	275231	3	9.98	1257770	20.0
Benzene, 1-(2-but...	9.44	4.3	ng	270278	3	9.98	1257770	20.0
Benzene, cyclopro...	9.54	11.6	ng	728684	3	9.98	1257770	20.0
unknown9.61	9.61	7.5	ng	472010	3	9.98	1257770	20.0
unknown10.36	10.36	4.5	ng	280000	3	9.98	1257770	20.0
unknown10.46	10.46	7.4	ng	464540	3	9.98	1257770	20.0
Naphthalene, 1-(2...	10.60	10.6	ng	667558	3	9.98	1257770	20.0
2H-1-Benzopyran-2...	10.68	8.6	ng	537843	3	9.98	1257770	20.0
1(2H)-Acenaphthyl...	10.89	11.4	ng	502919	4	11.46	882475	20.0
4,4'-Dimethylbiph...	11.11	8.6	ng	378962	4	11.46	882475	20.0
unknown11.52	11.52	4.7	ng	208382	4	11.46	882475	20.0
2,3-Dihydro-1-oxo...	11.58	6.5	ng	285040	4	11.46	882475	20.0
1,2-Acenaphthylen...	11.84	7.7	ng	337473	4	11.46	882475	20.0
Tridecanoic acid	11.99	6.1	ng	268492	4	11.46	882475	20.0