LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092760.D
Acq On : 3 Feb 2017 2:43
Operator : SJ/MA
Sample : I1646-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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-BF013017.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	5.116	262	265	268	rBV	437511	619267	13.89%	1.123%
2	5.207	270	273	275	rVB	1388587	1443373	32.38%	2.618%
3	5.539	300	302	305	rVB	1992004	1742901	39.10%	3.161%
4	5.939	334	337	341	rBV4	41839	86786	1.95%	0.157%
5	6.087	348	350	352	rVB2	162479	181729	4.08%	0.330%
6	6.384	375	376	378	rVB	142600	112285	2.52%	0.204%
7	6.453	381	382	385	rBV2	38386	45851	1.03%	0.083%
8	6.567	390	392	395	rBV	1266411	1182207	26.52%	2.144%
9	6.704	401	404	406	rBV	3293472	3077532	69.04%	5.582%
10	6.773	408	410	412	rVB3	35472	50787	1.14%	0.092%
11	6.887	416	420	422	rBV2	96982	187827	4.21%	0.341%
12	6.933	422	424	428	rVB2	1082680	1073671	24.09%	1.947%
13	7.093	435	438	439	rBV	3222030	3204354	71.89%	5.812%
14	7.184	444	446	448	rBV	332100	285273	6.40%	0.517%
15	7.276	451	454	456	rBV	333536	371435	8.33%	0.674%
16	7.333	457	459	461	rBV	88919	104118	2.34%	0.189%
17	7.367	461	462	466	rVB3	54007	82845	1.86%	0.150%
18	7.470	466	471	472	rBV2	989137	1206681	27.07%	2.189%
19	7.504	472	474	477	rVB2	2869025	3210446	72.02%	5.823%
20	7.573	479	480	482	rVB	184526	240042	5.39%	0.435%
21	7.619	482	484	488	rBV2	151807	301865	6.77%	0.547%
22	7.710	488	492	493	rVB2	507185	731258	16.41%	1.326%
23	7.756	493	496	497	rVB2	84523	123870	2.78%	0.225%
24	7.779	497	498	500	rBV	64869	112456	2.52%	0.204%
25	7.824	500	502	504	rVB2	119144	121227	2.72%	0.220%
26	7.870	504	506	511	rVB3	451186	806066	18.08%	1.462%
27	7.962	511	514	515	rBV	427719	564402	12.66%	1.024%
28	7.984	515	516	518	rVB	85270	116026	2.60%	0.210%
29	8.042	518	521	524	rBV3	205296	434337	9.74%	0.788%
30	8.087	524	525	527	rBV	205455	175251	3.93%	0.318%
31	8.156	527	531	533	rBV4	238710	337599	7.57%	0.612%
32	8.225	533	537	540	rBV3	1304099	2176359	48.83%	3.947%
33	8.270	540	541	542	rVB	340816	233800	5.25%	0.424%
34	8.305	542	544	546	rBV2	157935	184568	4.14%	0.335%

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-01

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.350	546	548	549	rVB	89674	75081	1.68%	0.136%
36	8.373	549	550	551	rBV	160233	121372	2.72%	0.220%
37	8.419	553	554	557	rVB2	229967	185726	4.17%	0.337%
38	8.465	557	558	560	rBV	315596	309439	6.94%	0.561%
39	8.499	560	561	564	rVB3	156570	249676	5.60%	0.453%
40	8.567	564	567	568	rBV2	103253	242081	5.43%	0.439%
41	8.602	568	570	572	rVB	339037	329494	7.39%	0.598%
42	8.693	572	578	580	rBV4	431242	791595	17.76%	1.436%
43	8.750	582	583	585	rBV2	58051	109794	2.46%	0.199%
44	8.785	585	586	587	rVB	124262	85244	1.91%	0.155%
45	8.819	587	589	590	rBV2	79146	120963	2.71%	0.219%
46	8.876	591	594	596	rVB3	327278	514075	11.53%	0.932%
47	8.910	596	597	600	rBV	202855	274757	6.16%	0.498%
48	9.002	600	605	606	rBV4	357199	637547	14.30%	1.156%
49	9.047	606	609	611	rVB4	202711	361426	8.11%	0.656%
50	9.116	614	615	617	rVB2	125449	128336	2.88%	0.233%
51	9.162	617	619	621	rBV2	237406	277521	6.23%	0.503%
52	9.207	621	623	625	rVB3	94931	110958	2.49%	0.201%
53	9.242	625	626	629	rBV3	379744	610831	13.70%	1.108%
54	9.299	629	631	637	rVB	4193673	4457461	100.00%	8.084%
55	9.425	637	642	643	rBV5	225648	616716	13.84%	1.119%
56	9.493	647	648	651	rVB2	240201	306524	6.88%	0.556%
57	9.562	651	654	656	rBV	537010	787015	17.66%	1.427%
58	9.642	656	661	663	rBV3	889820	1641365	36.82%	2.977%
59	9.756	668	671	676	rVV2	619583	1643857	36.88%	2.981%
60	9.836	676	678	680	rVV2	362228	487889	10.95%	0.885%
61	9.882	680	682	687	rVV7	187027	553874	12.43%	1.005%
62	9.973	687	690	695	rVV	1385146	2366933	53.10%	4.293%
63	10.076	697	699	702	rVV2	141452	254878	5.72%	0.462%
64	10.122	702	703	704	rVV	89136	92531	2.08%	0.168%
65	10.179	706	708	709	rVV	296688	312662	7.01%	0.567%
66	10.213	709	711	713	rVV2	283037	339753	7.62%	0.616%
67	10.293	716	718	723	rVV	526906	1178421	26.44%	2.137%
68	10.408	726	728	730	rVB2	375016	451613	10.13%	0.819%
69	10.522	736	738	743	rBV4	141428	287822	6.46%	0.522%
70	10.728	754	756	757	rBV	251849	305823	6.86%	0.555%
71	10.773	757	760	762	rVB	1742593	2226444	49.95%	4.038%

LSC Area Percent Report

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Operator : SJ/MA
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Instrument : BNA_F
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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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.888	768	770	774	rVB4	165797	275355	6.18%	0.499%
73	11.322	806	808	814	rBV5	83941	224591	5.04%	0.407%
74	11.459	818	820	823	rVV	1132492	1096840	24.61%	1.989%
75	11.676	837	839	842	rVB2	36892	56091	1.26%	0.102%
76	13.048	956	959	961	rBV	3079858	2912691	65.34%	5.283%
77	13.939	1035	1037	1040	rBV	47679	74542	1.67%	0.135%
78	14.099	1048	1051	1053	rBV	839372	820476	18.41%	1.488%
79	15.562	1176	1179	1184	rVB	629402	900700	20.21%	1.634%

Sum of corrected areas: 55137277

LSC Report - Integrated Chromatogram

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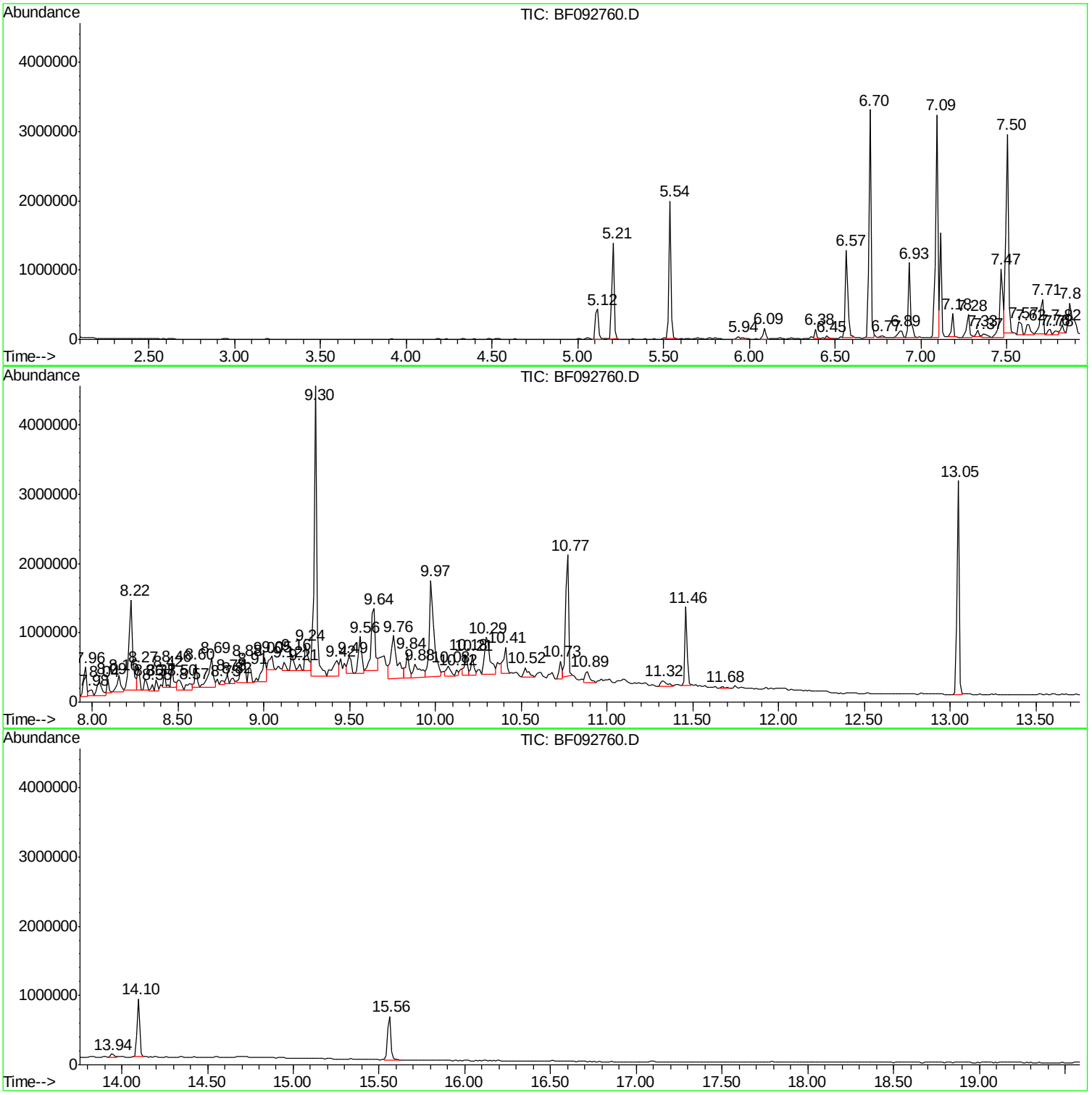
Sample : I1646-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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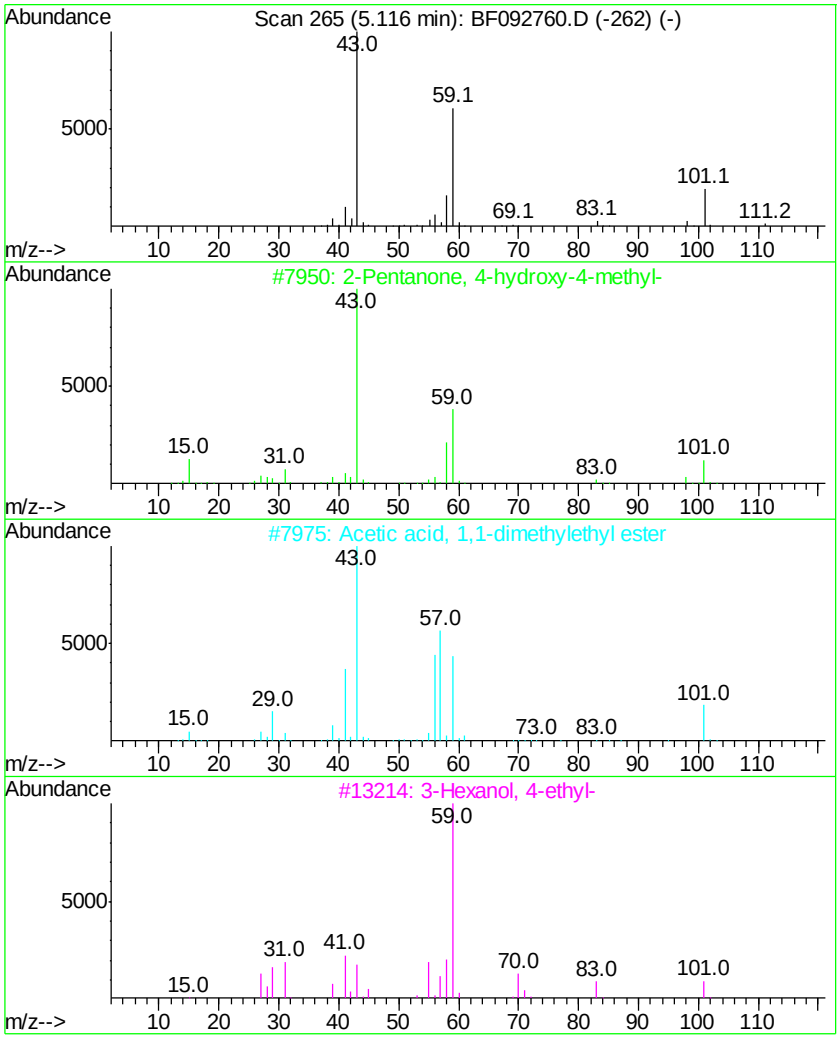
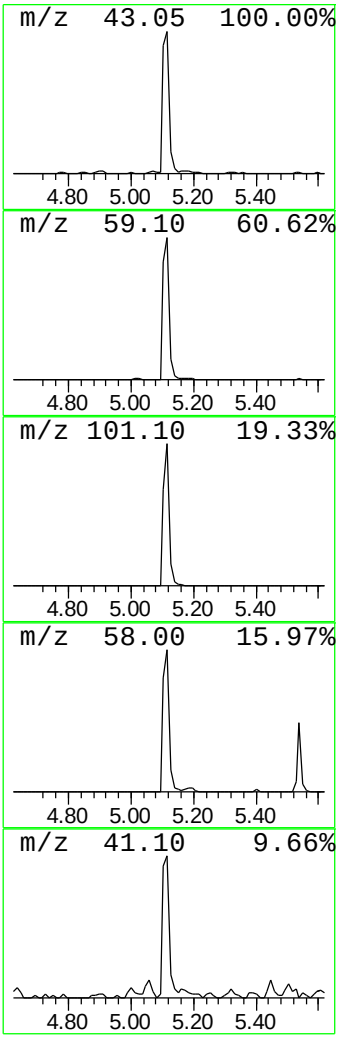
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	11.54 ng	619267	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092760.D
Acq On : 3 Feb 2017 2:43
Operator : SJ/MA
Sample : I1646-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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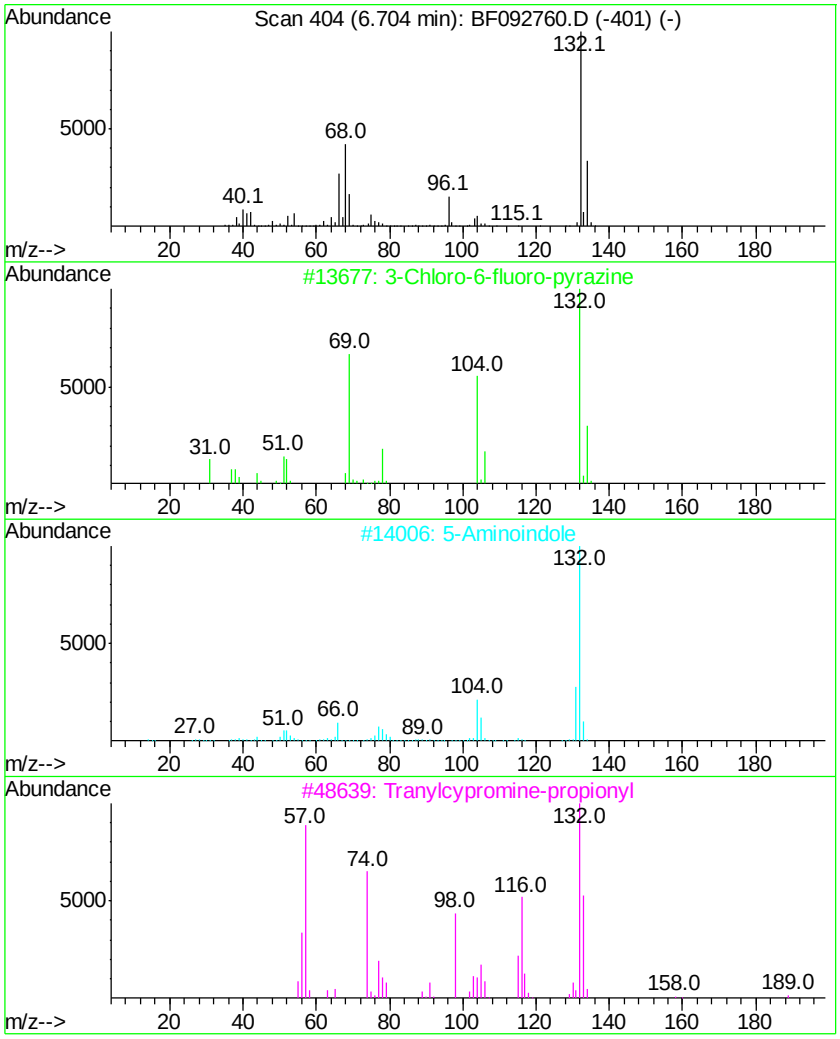
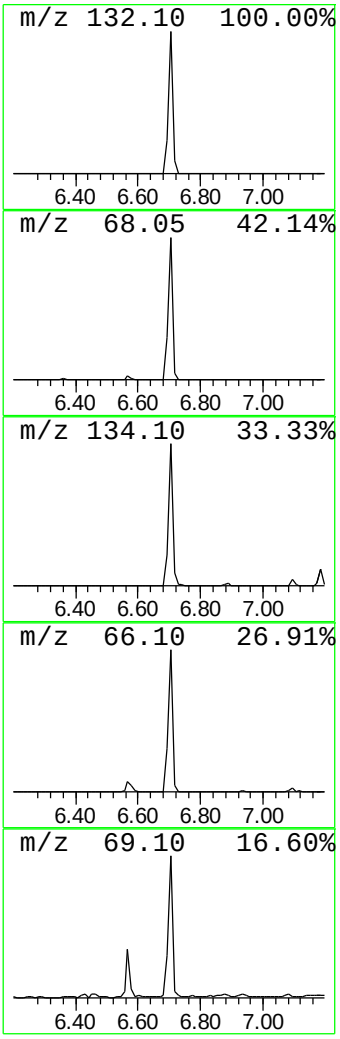
****

Peak Number 3 unknown6.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	57.33 ng	3077530	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
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Acq On : 3 Feb 2017 2:43
Operator : SJ/MA
Sample : I1646-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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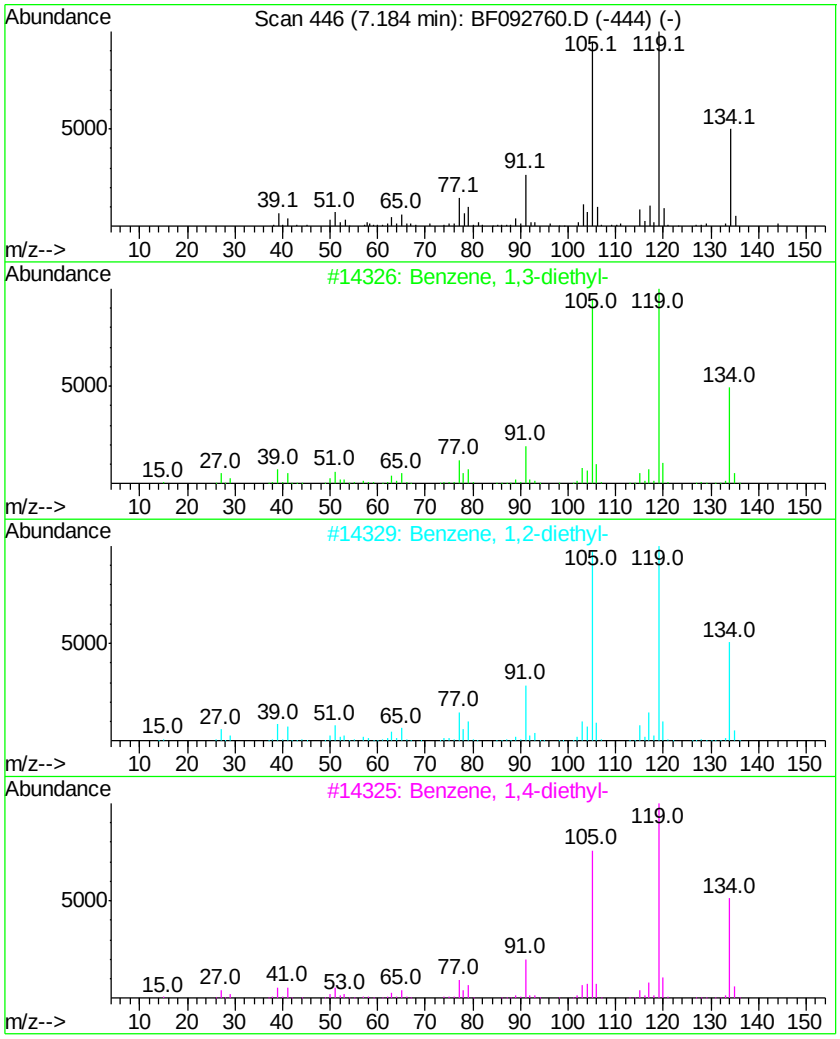
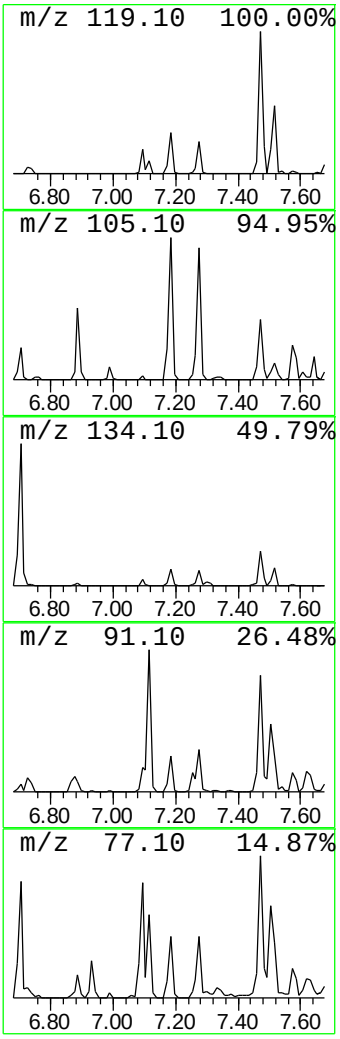
Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	5.31 ng	285273	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





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Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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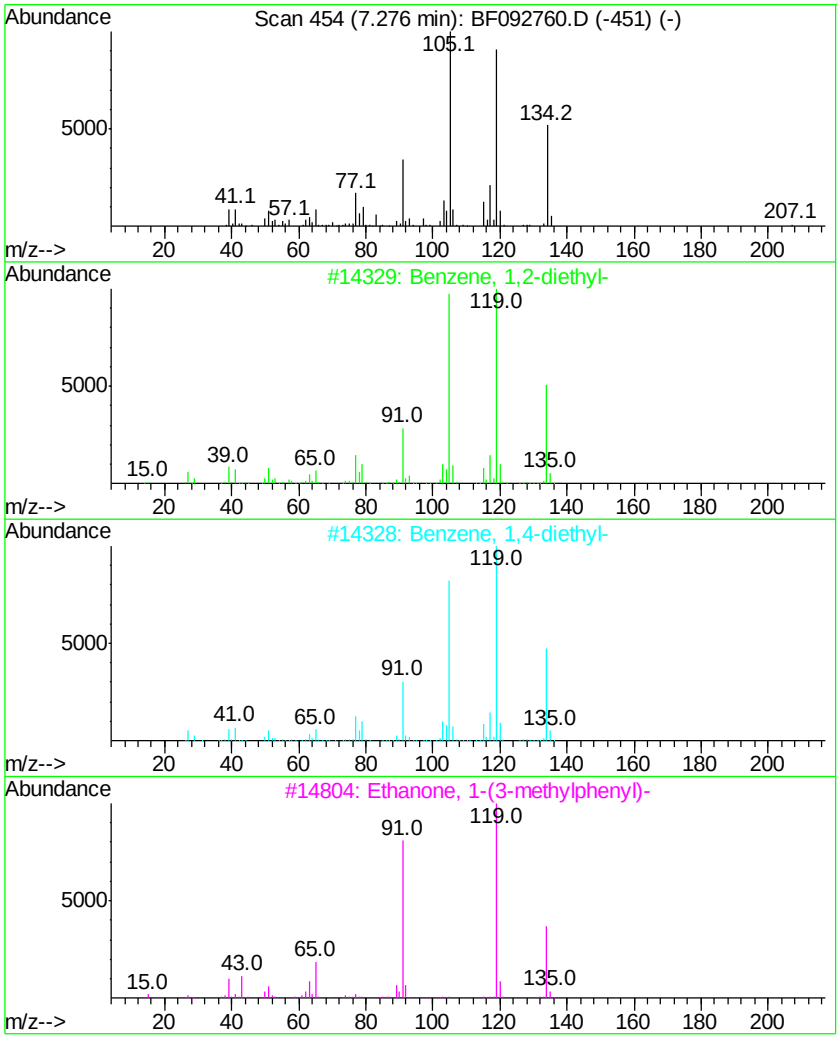
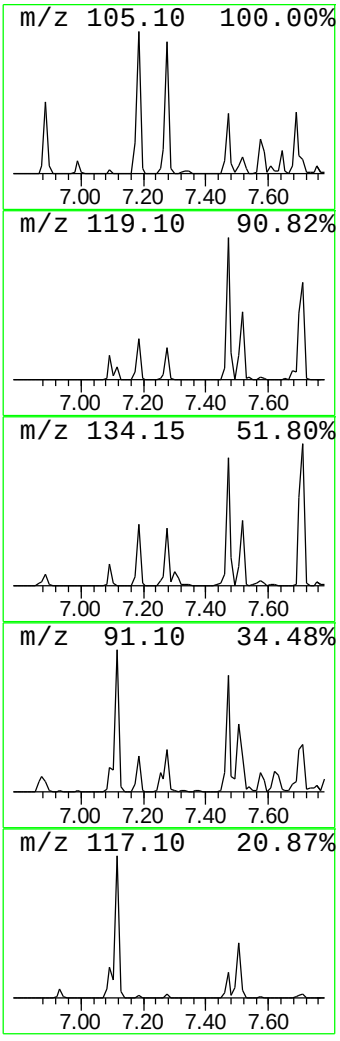
Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	6.92 ng	371435	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	91
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83





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Sample : I1646-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

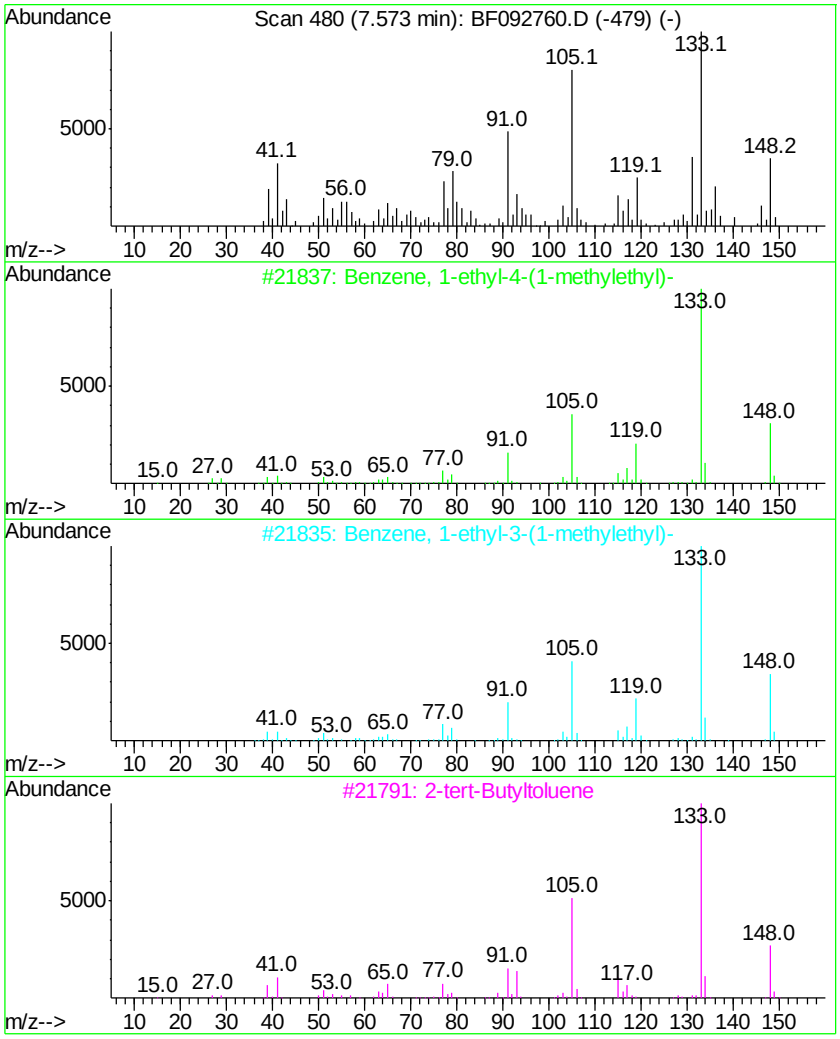
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

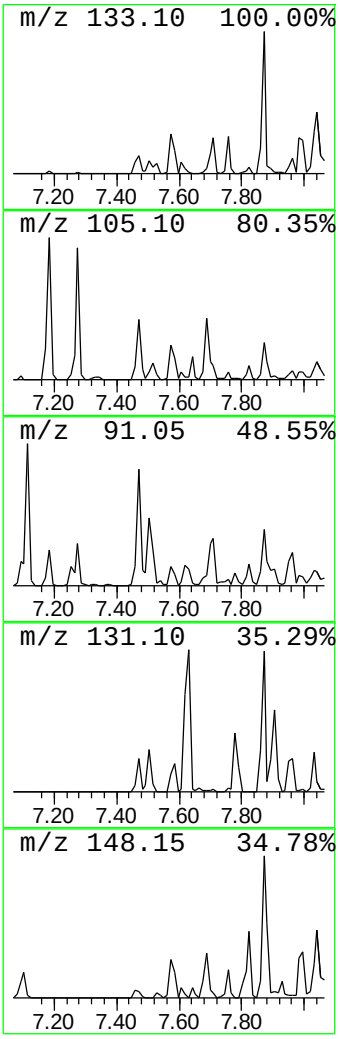
****

Peak Number 7 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	4.47 ng	240042	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	93
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	86
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	64
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	60
5	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092760.D
Acq On : 3 Feb 2017 2:43
Operator : SJ/MA
Sample : I1646-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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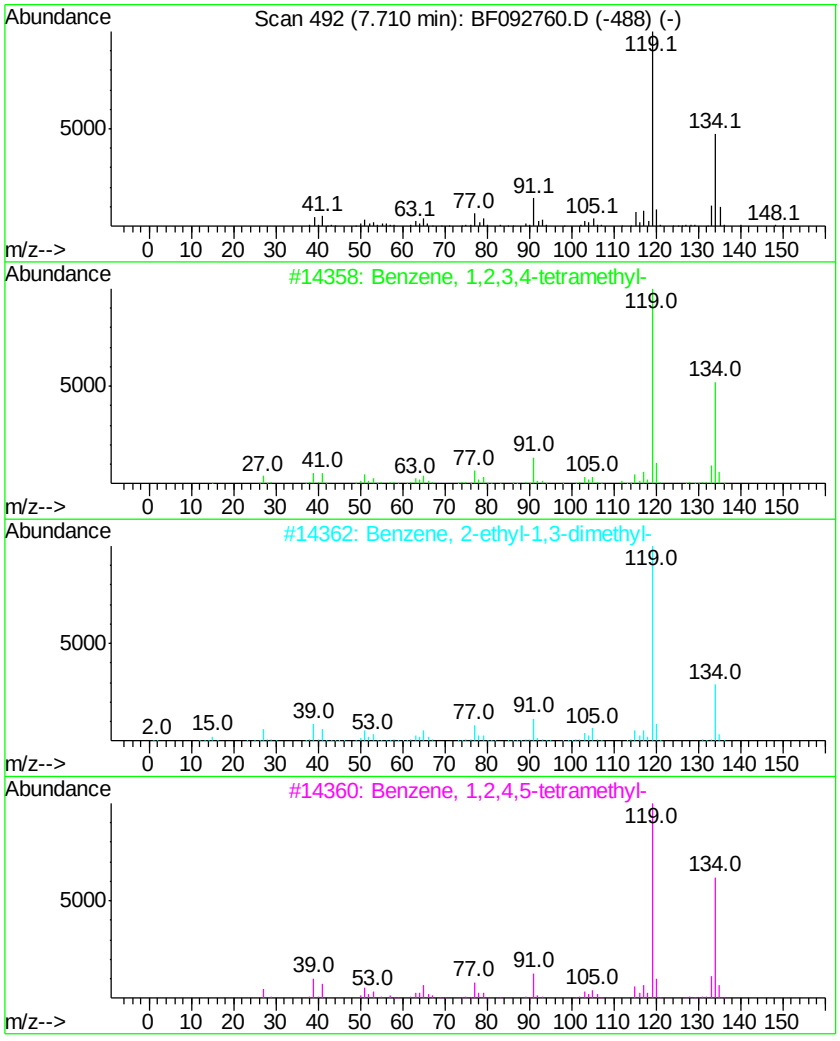
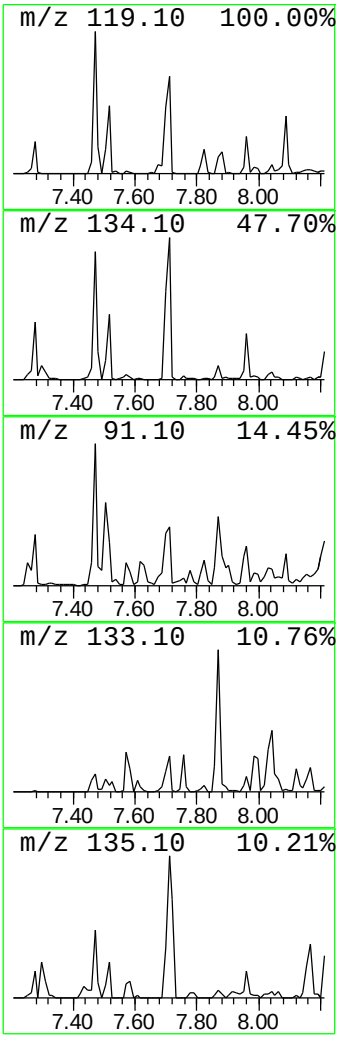
Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	6.72 ng	731258	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Instrument : BNA_F
ClientSampleId : MW-01

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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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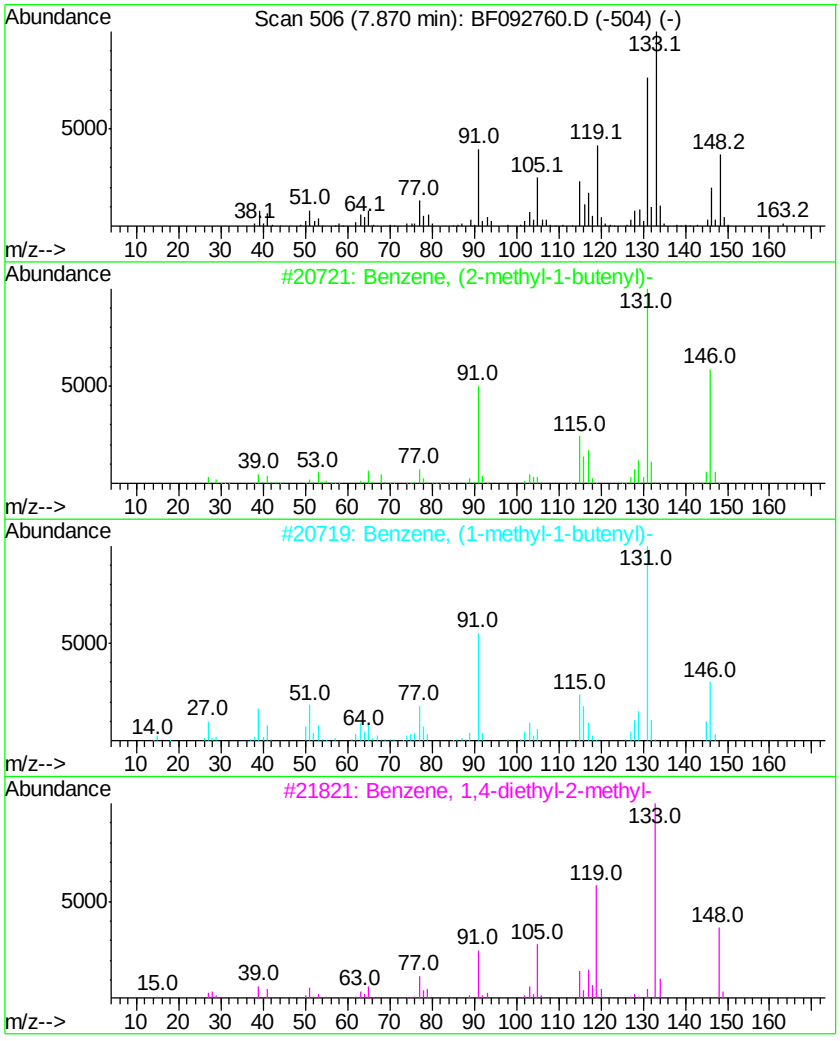
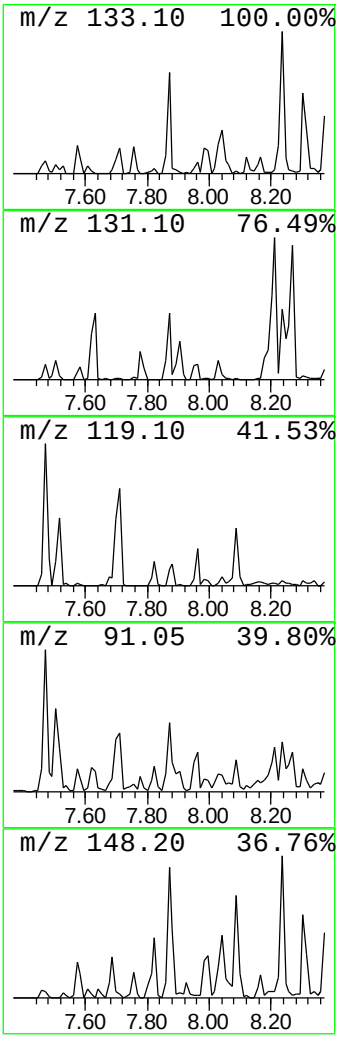
Peak Number 9 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	7.41 ng	806066	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	46





Library Search Compound Report

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Acq On : 3 Feb 2017 2:43
Operator : SJ/MA
Sample : I1646-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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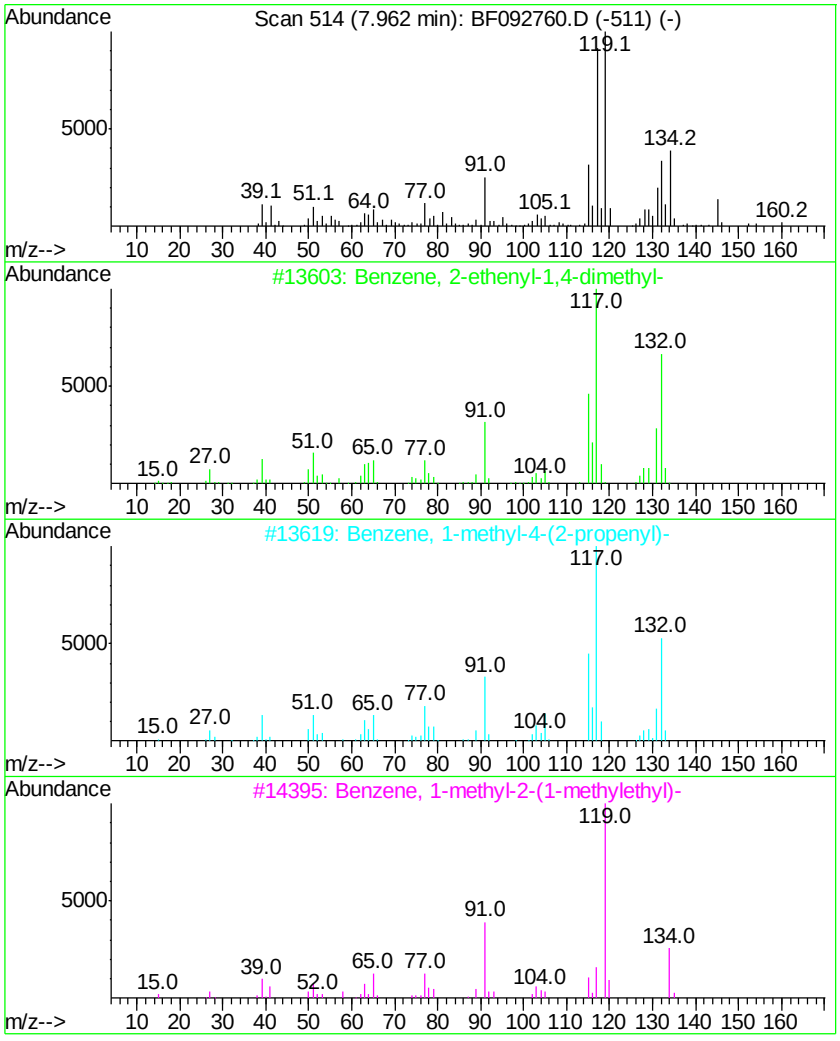
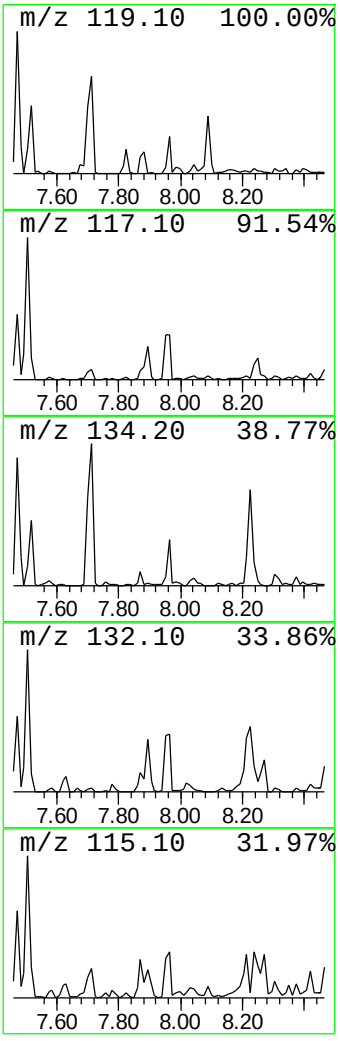
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	5.19 ng	564402	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	74
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	50
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50





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Sample : I1646-07
Misc :
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Instrument : BNA_F
ClientSampleId : MW-01

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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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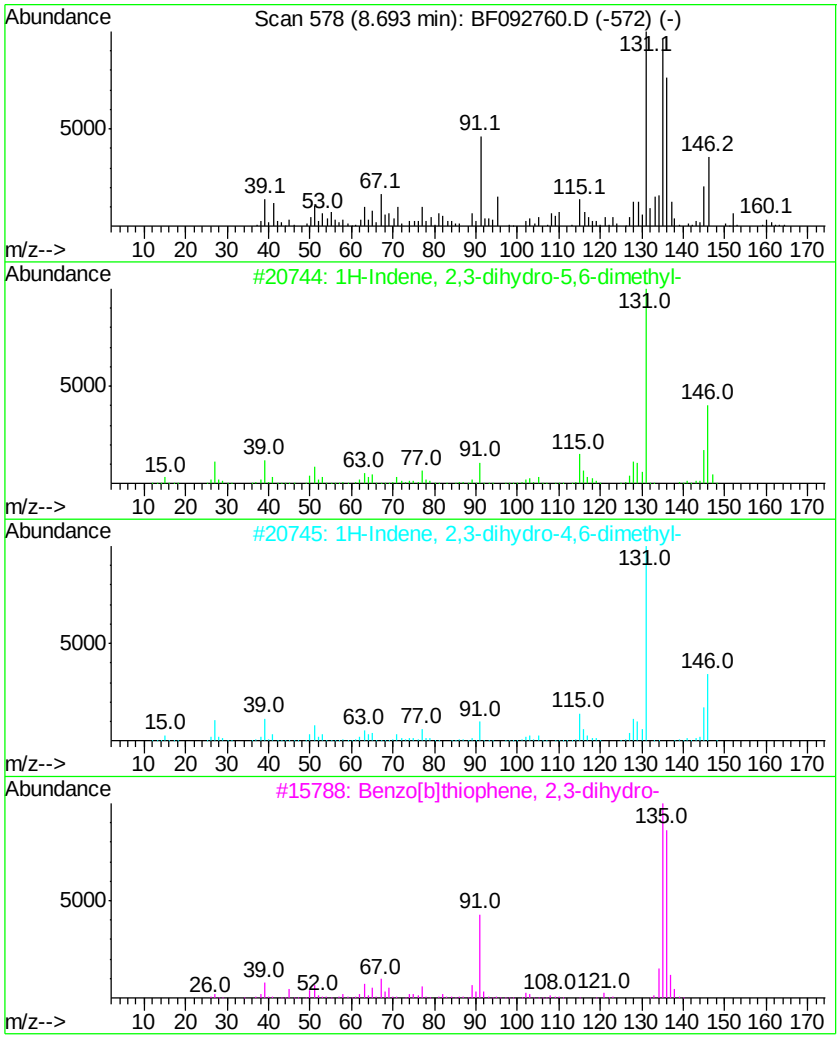
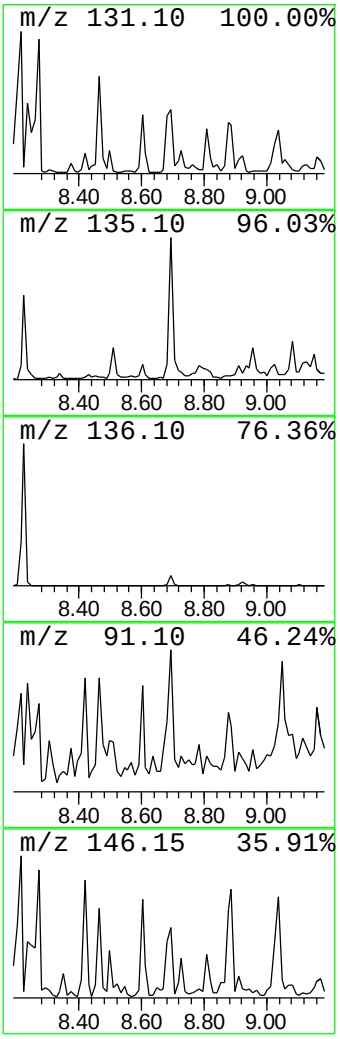
Peak Number 11 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	7.27 ng	791595	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	83
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	80
3	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	55
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	50
5	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	50





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

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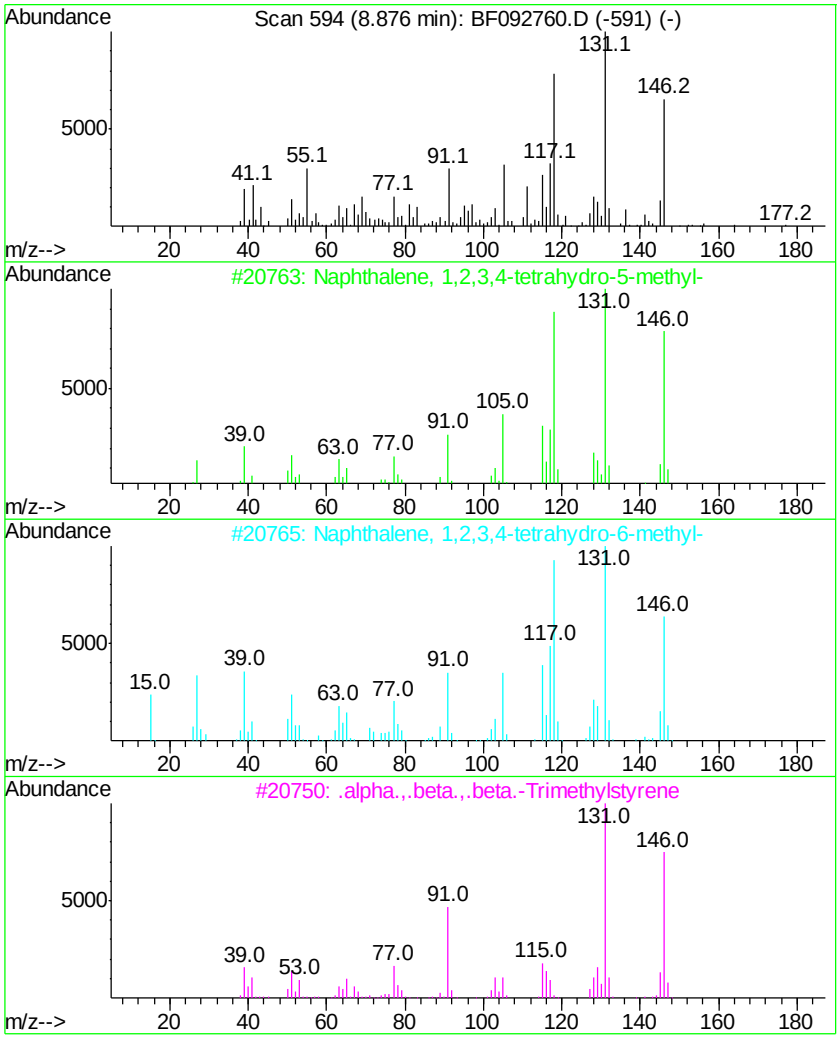
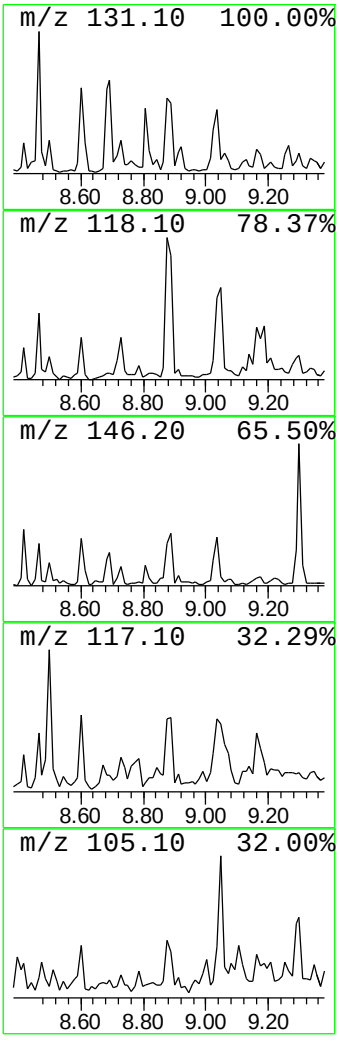
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	4.72 ng	514075	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
3	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	90
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	72
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	49





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ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId : MW-01

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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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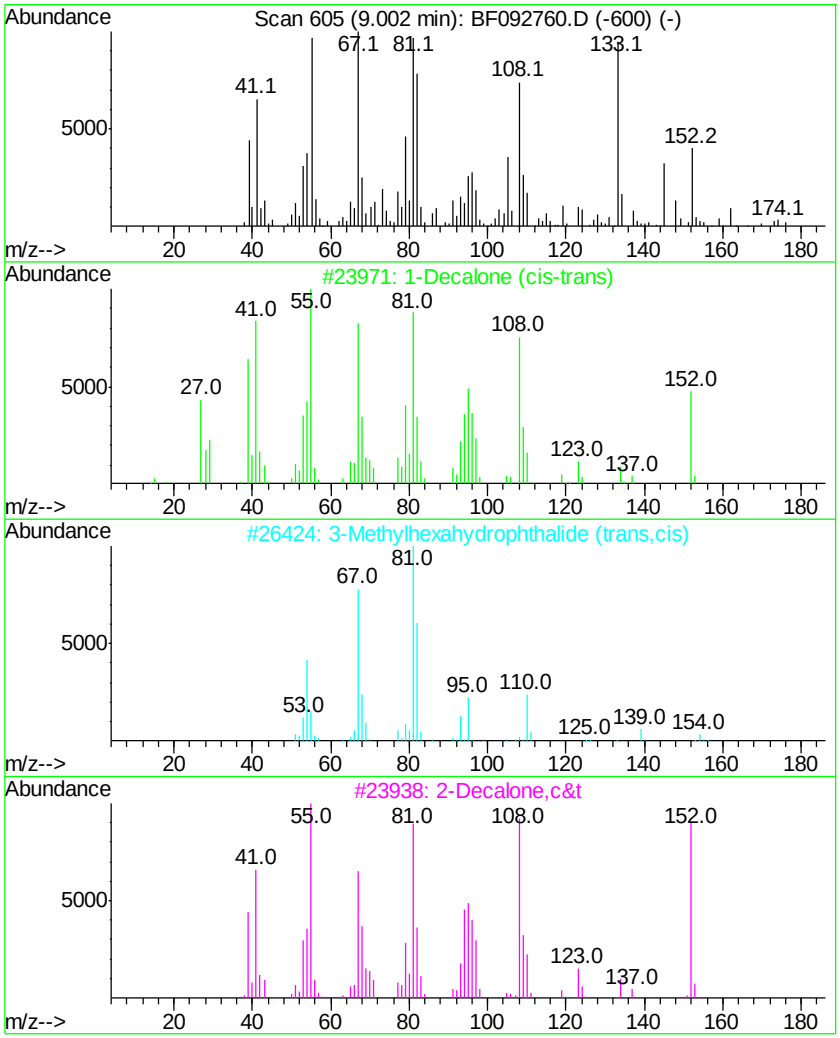
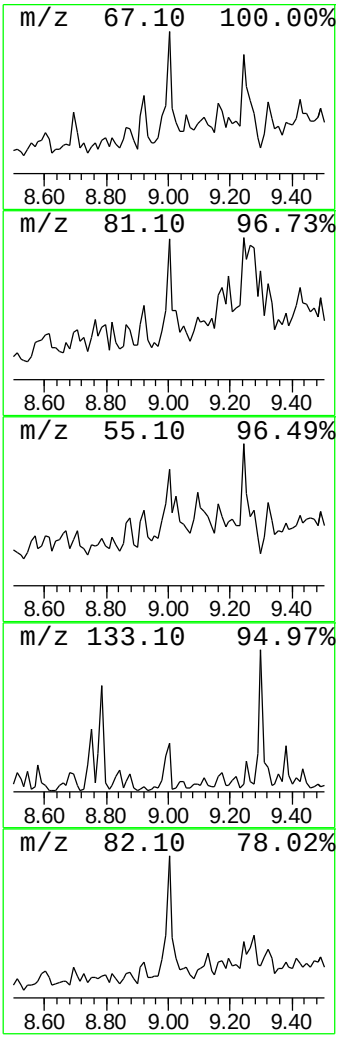
Peak Number 13 1-Decalone (cis-trans) Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	5.86 ng	637547	Naphthalene-d8	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	64
2	3-Methylhexahydrophthalide (tran...	154	C9H14O2	1000280-18-3	50
3	2-Decalone,c&t	152	C10H16O	004832-17-1	49
4	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	49
5	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	45





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Sample : I1646-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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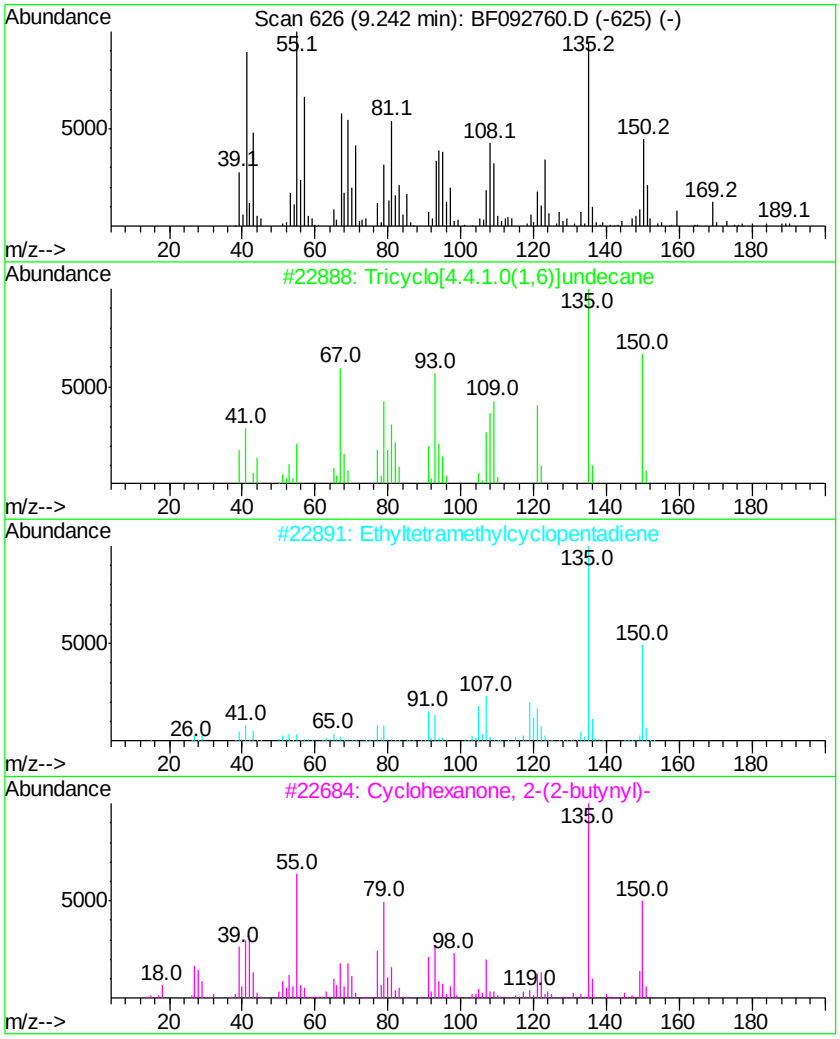
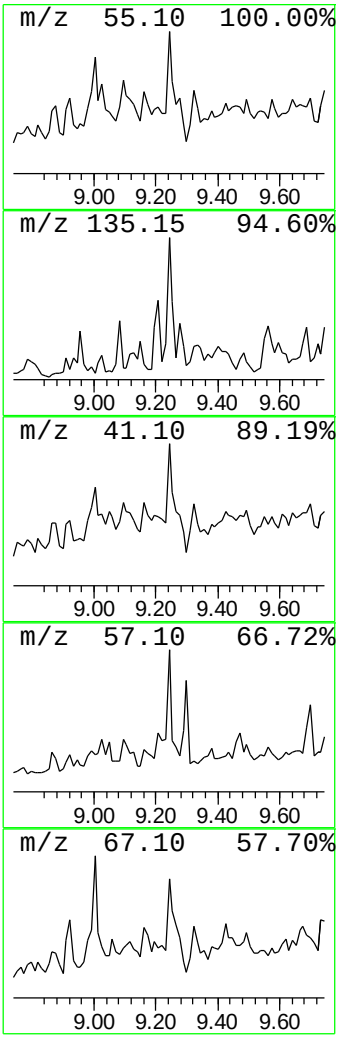
Peak Number 14 Tricyclo[4.4.1.0(1,6)]undecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	5.16 ng	610831	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	64
2	Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	30
3	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	30
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	27
5	5-Cyano-1,2,3,4-tetrahydro-4,6-d...	150	C8H10N2O	027036-93-7	27





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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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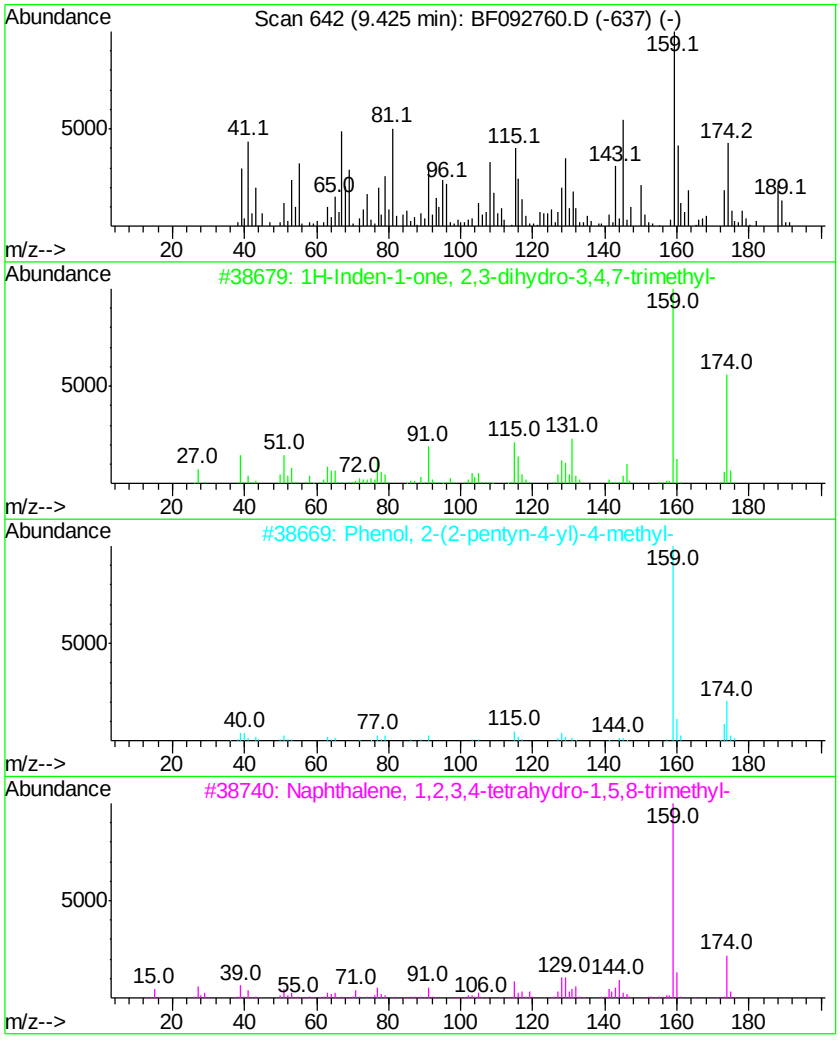
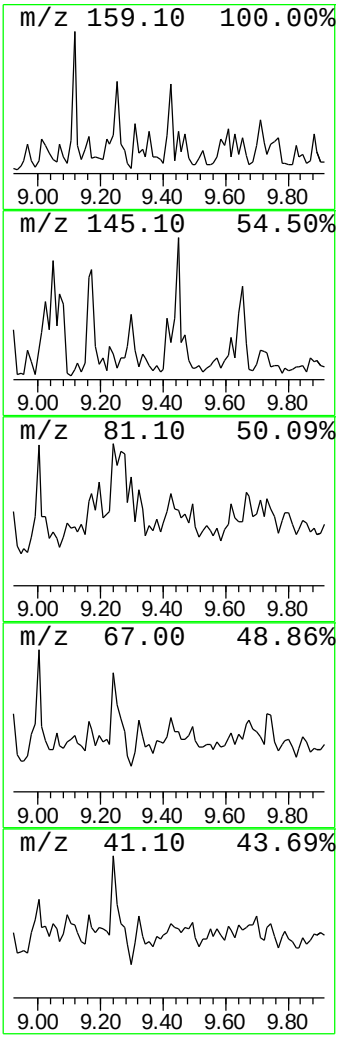
Peak Number 15 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	5.21 ng	616716	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	55
2	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174	C12H14O	1000258-83-7	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	45
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	45





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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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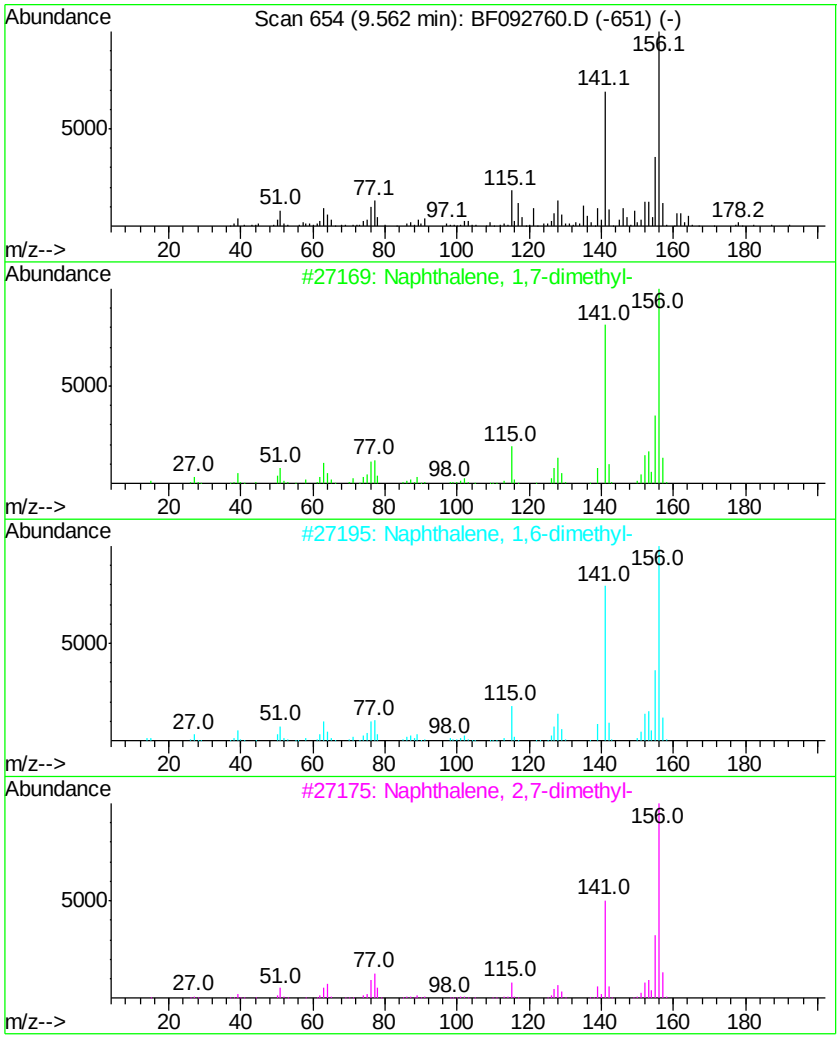
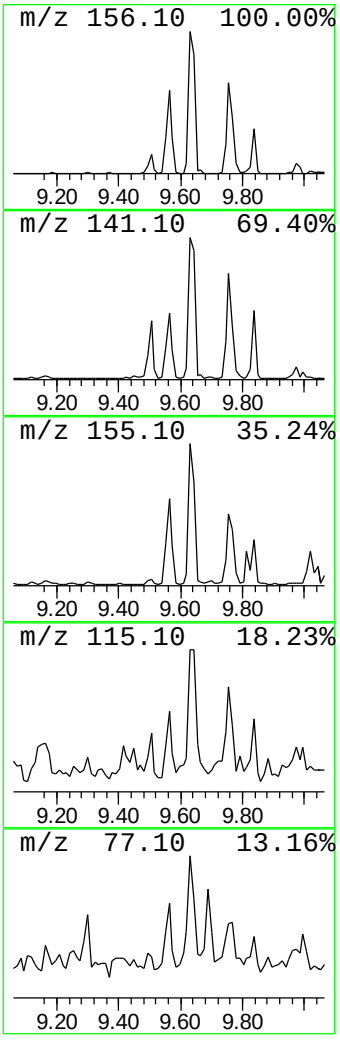
Peak Number 16 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	6.65 ng	787015	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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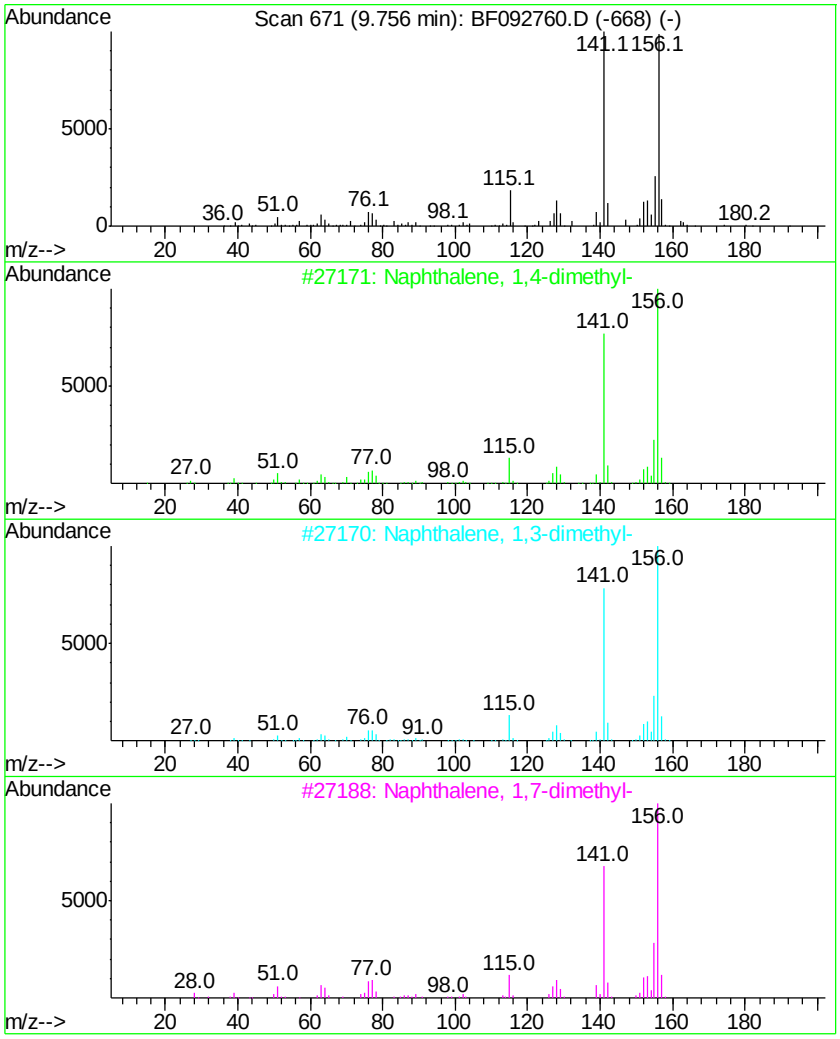
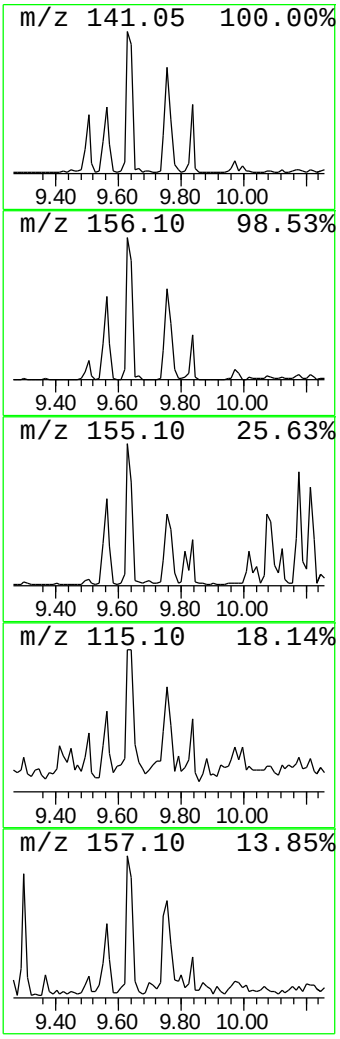
Peak Number 17 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	13.89 ng	1643860	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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TIC Library : C:\DATABASE\NIST02.L
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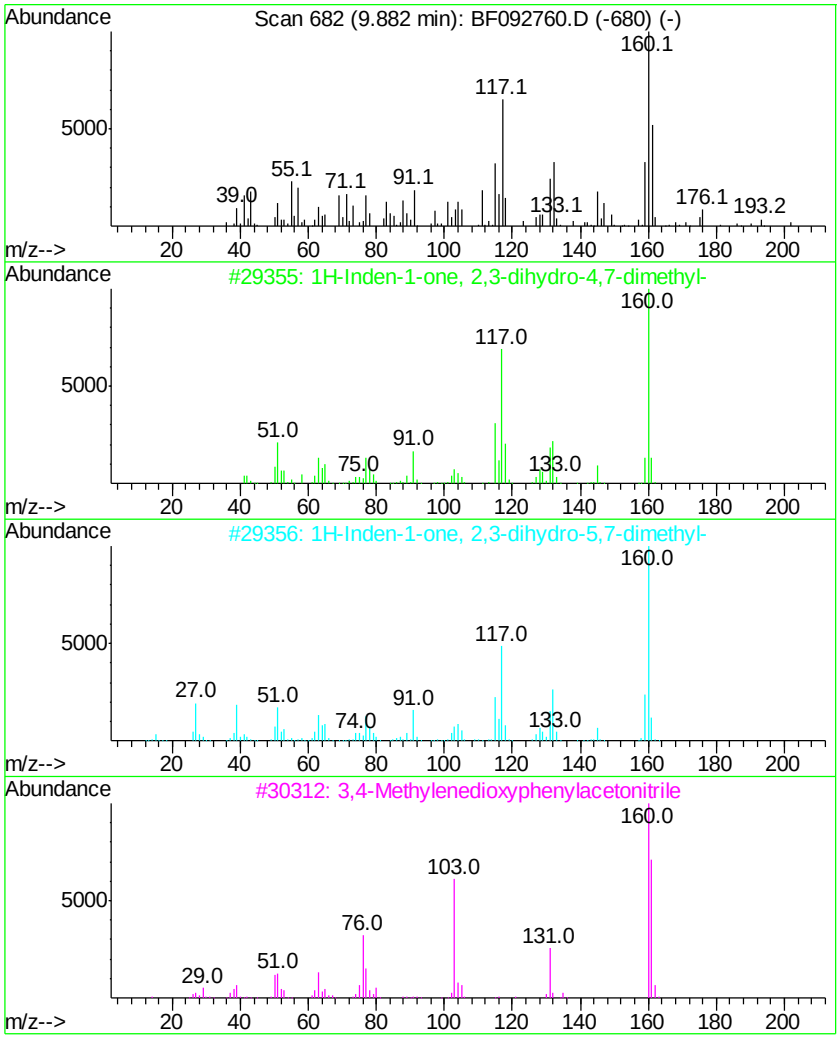
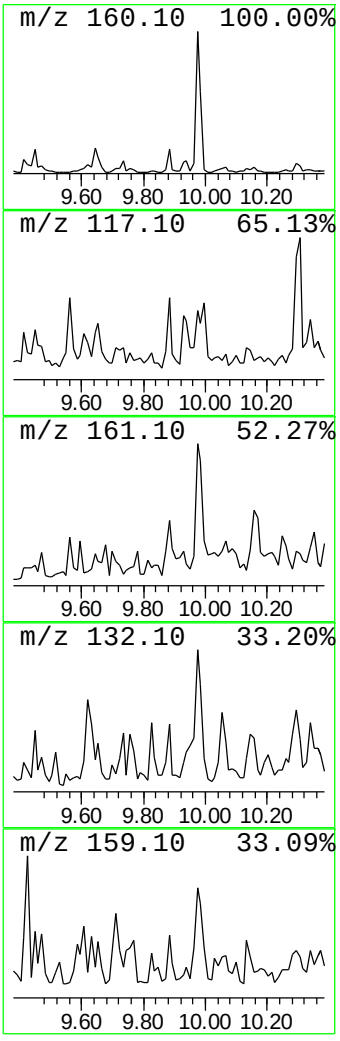
Peak Number 18 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	4.68 ng	553874	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	68
2	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	64
3	3,4-Methylenedioxyphenylacetonit...	161	C9H7NO2	004439-02-5	46
4	2,6-Dihydroxynaphthalene	160	C10H8O2	000581-43-1	43
5	2H-1-Benzopyran-2-one, 7-methyl-	160	C10H8O2	002445-83-2	41





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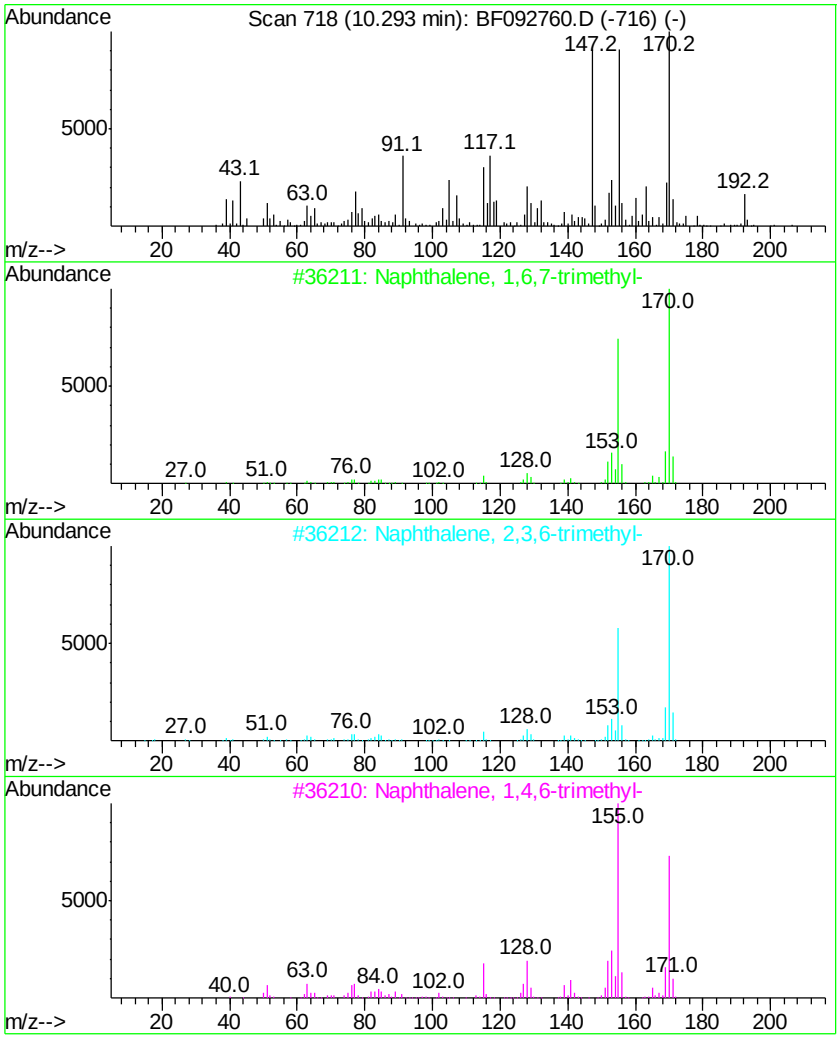
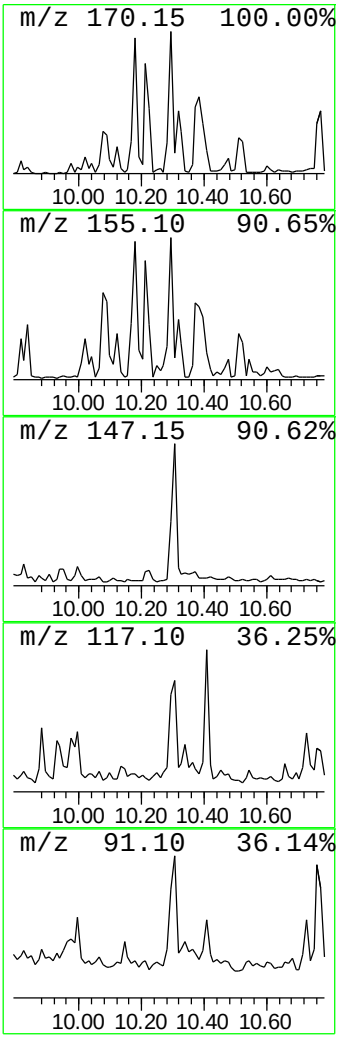
Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	9.96 ng	1178420	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90





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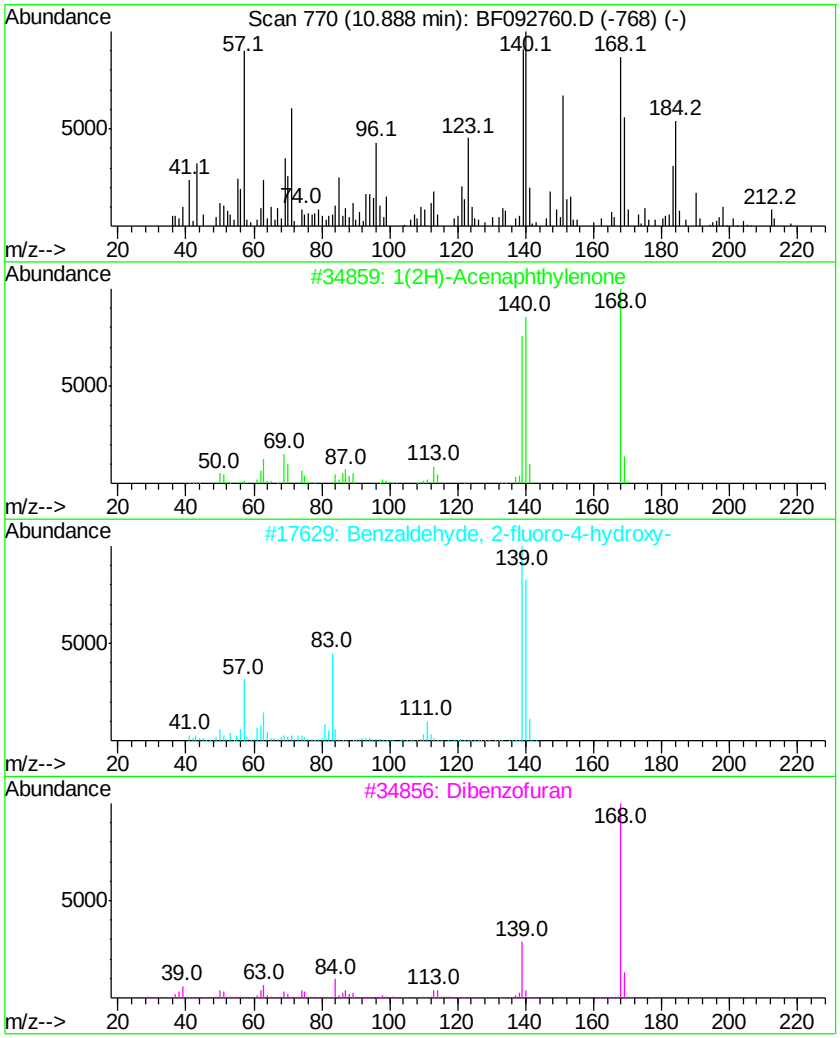
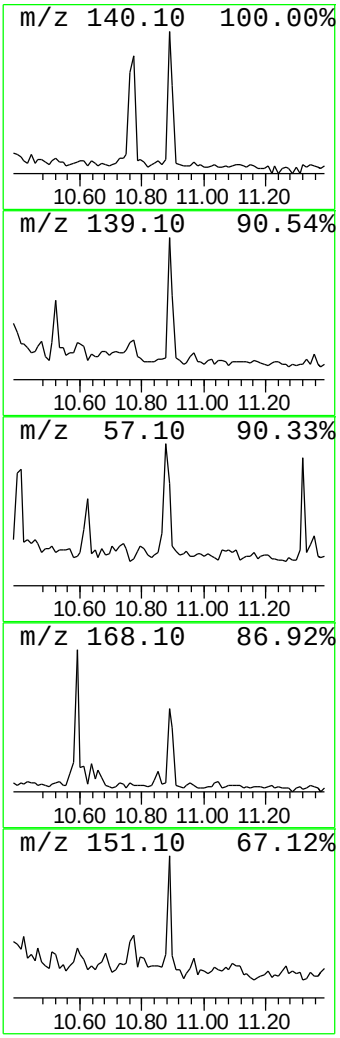
Peak Number 20 1(2H)-Acenaphthylenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	5.02 ng	275355	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
2	Benzaldehyde, 2-fluoro-4-hydroxy-	140	C7H5FO2	000348-27-6	27
3	Dibenzofuran	168	C12H8O	000132-64-9	25
4	3,5-Difluorocinnamic acid	184	C9H6F2O2	084315-23-1	25
5	2,4-Dimethoxybenzyl alcohol	168	C9H12O3	007314-44-5	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
Data File : BF092760.D
Acq On : 3 Feb 2017 2:43
Operator : SJ/MA
Sample : I1646-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
2-Pentanone, 4-hy...	5.12	11.5	ng	619267	1	6.93	1073670	20.0
unknown6.70	6.70	57.3	ng	3077530	1	6.93	1073670	20.0
Benzene, 1,3-diet...	7.18	5.3	ng	285273	1	6.93	1073670	20.0
Benzene, 1,2-diet...	7.28	6.9	ng	371435	1	6.93	1073670	20.0
Benzene, 1-ethyl-...	7.57	4.5	ng	240042	1	6.93	1073670	20.0
Benzene, 1,2,3,4-...	7.71	6.7	ng	731258	2	8.22	2176360	20.0
Benzene, (2-methy...	7.87	7.4	ng	806066	2	8.22	2176360	20.0
Benzene, 2-etheny...	7.96	5.2	ng	564402	2	8.22	2176360	20.0
1H-Indene, 2,3-di...	8.69	7.3	ng	791595	2	8.22	2176360	20.0
Naphthalene, 1,2,...	8.88	4.7	ng	514075	2	8.22	2176360	20.0
1-Decalone (cis-t...	9.00	5.9	ng	637547	2	8.22	2176360	20.0
Tricyclo[4.4.1.0(...	9.24	5.2	ng	610831	3	9.97	2366930	20.0
1H-Inden-1-one, 2...	9.42	5.2	ng	616716	3	9.97	2366930	20.0
Naphthalene, 1,7-...	9.56	6.7	ng	787015	3	9.97	2366930	20.0
Naphthalene, 1,4-...	9.76	13.9	ng	1643860	3	9.97	2366930	20.0
1H-Inden-1-one, 2...	9.88	4.7	ng	553874	3	9.97	2366930	20.0
Naphthalene, 1,6,...	10.29	10.0	ng	1178420	3	9.97	2366930	20.0
1(2H)-Acenaphthyl...	10.89	5.0	ng	275355	4	11.46	1096840	20.0