LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091153.D
Acq On : 11 Nov 2016 21:13
Operator : UM/SJ
Sample : H5609-09
Misc :
ALS Vial : 17 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-BF110316.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	1.744	3	5	41	rVB	3540584	8844813	100.00%	13.196%
2	4.076	206	209	220	rVB	59082	108635	1.23%	0.162%
3	4.773	268	270	274	rBV	230269	405157	4.58%	0.604%
4	4.830	274	275	280	rVV4	64602	118500	1.34%	0.177%
5	5.230	308	310	318	rBV	1936411	2202646	24.90%	3.286%
6	5.504	332	334	341	rVB3	45511	124244	1.40%	0.185%
7	5.664	347	348	355	rVB2	88934	130770	1.48%	0.195%
8	5.962	371	374	376	rVB3	79462	114317	1.29%	0.171%
9	6.156	387	391	394	rBV4	72069	138114	1.56%	0.206%
10	6.225	394	397	399	rBV2	64107	144649	1.64%	0.216%
11	6.305	402	404	411	rVB	1073862	1439097	16.27%	2.147%
12	6.419	411	414	416	rBV	3415978	4318681	48.83%	6.443%
13	6.636	432	433	436	rBV	826530	1083239	12.25%	1.616%
14	6.693	436	438	442	rVB3	491471	826999	9.35%	1.234%
15	6.796	444	447	451	rBV	3728310	3970870	44.89%	5.924%
16	6.899	451	456	457	rVV4	160280	481959	5.45%	0.719%
17	6.933	457	459	460	rVV2	292339	504699	5.71%	0.753%
18	6.967	460	462	467	rVB3	377070	768014	8.68%	1.146%
19	7.116	473	475	476	rBV	126545	114151	1.29%	0.170%
20	7.219	480	484	485	rBV	2933841	3666999	41.46%	5.471%
21	7.276	485	489	490	rVV2	424589	1269019	14.35%	1.893%
22	7.310	490	492	495	rVB2	580304	959510	10.85%	1.431%
23	7.413	500	501	505	rVB3	120393	220269	2.49%	0.329%
24	7.505	505	509	510	rBV2	429970	831542	9.40%	1.241%
25	7.539	510	512	514	rBV2	117655	158854	1.80%	0.237%
26	7.596	514	517	519	rVB3	76845	147970	1.67%	0.221%
27	7.676	521	524	528	rBV5	48725	106392	1.20%	0.159%
28	7.779	530	533	535	rBV	212903	244717	2.77%	0.365%
29	7.882	538	542	544	rBV3	122295	217083	2.45%	0.324%
30	7.928	544	546	550	rBV	1636509	1624418	18.37%	2.423%
31	7.996	550	552	556	rVB2	135066	192863	2.18%	0.288%
32	8.053	556	557	558	rBV	128789	152295	1.72%	0.227%
33	8.145	564	565	566	rBV	115436	127280	1.44%	0.190%
34	8.179	566	568	569	rVB2	124730	136407	1.54%	0.204%

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Sample : H5609-09
Misc :
ALS Vial : 17 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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.362	582	584	585	rBV	79364	123105	1.39%	0.184%
36	8.396	585	587	592	rVB6	110182	295282	3.34%	0.441%
37	8.522	596	598	601	rBV	414453	584201	6.61%	0.872%
38	8.602	601	605	606	rBV3	131338	219072	2.48%	0.327%
39	8.670	610	611	614	rVB	358548	408058	4.61%	0.609%
40	8.739	614	617	620	rBV	901132	1427360	16.14%	2.129%
41	8.819	620	624	627	rVB2	268659	595735	6.74%	0.889%
42	8.888	627	630	631	rBV2	205572	298174	3.37%	0.445%
43	8.933	633	634	638	rVB3	169897	195329	2.21%	0.291%
44	9.013	638	641	643	rBV	5505359	5828372	65.90%	8.695%
45	9.093	646	648	649	rBV2	94499	106526	1.20%	0.159%
46	9.128	649	651	653	rVB	153327	176625	2.00%	0.264%
47	9.173	653	655	658	rVB3	164140	203158	2.30%	0.303%
48	9.253	658	662	663	rBV2	270025	601663	6.80%	0.898%
49	9.276	663	664	667	rVB3	286946	362364	4.10%	0.541%
50	9.333	667	669	674	rVB2	710950	1317019	14.89%	1.965%
51	9.413	674	676	677	rBV2	72898	127843	1.45%	0.191%
52	9.448	677	679	680	rBV2	186058	244261	2.76%	0.364%
53	9.539	685	687	689	rVV	329647	416869	4.71%	0.622%
54	9.573	689	690	693	rVV2	170241	275769	3.12%	0.411%
55	9.631	693	695	697	rVV3	113816	216111	2.44%	0.322%
56	9.676	697	699	704	rVV	2025870	2082623	23.55%	3.107%
57	9.791	704	709	713	rVV2	496643	1123386	12.70%	1.676%
58	9.848	713	714	716	rVV2	197198	231026	2.61%	0.345%
59	9.928	718	721	722	rVV2	123216	204850	2.32%	0.306%
60	9.985	722	726	727	rVV3	83698	195557	2.21%	0.292%
61	10.042	729	731	736	rVV5	223943	526355	5.95%	0.785%
62	10.122	736	738	741	rVV3	143351	284132	3.21%	0.424%
63	10.168	741	742	745	rVB3	81722	102831	1.16%	0.153%
64	10.282	750	752	755	rVB3	90416	129303	1.46%	0.193%
65	10.465	766	768	771	rBV2	2516652	3753049	42.43%	5.599%
66	10.591	778	779	784	rVB	103313	154172	1.74%	0.230%
67	11.151	826	828	831	rBV2	1172057	1447050	16.36%	2.159%
68	11.699	874	876	884	rBV3	71622	190381	2.15%	0.284%
69	12.739	964	967	970	rBV	4142418	4650274	52.58%	6.938%
70	13.780	1056	1058	1061	rBV	1001225	1100227	12.44%	1.641%
71	15.151	1175	1178	1189	rVB	684286	935200	10.57%	1.395%

LSC Area Percent Report

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Sample : H5609-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 67028484

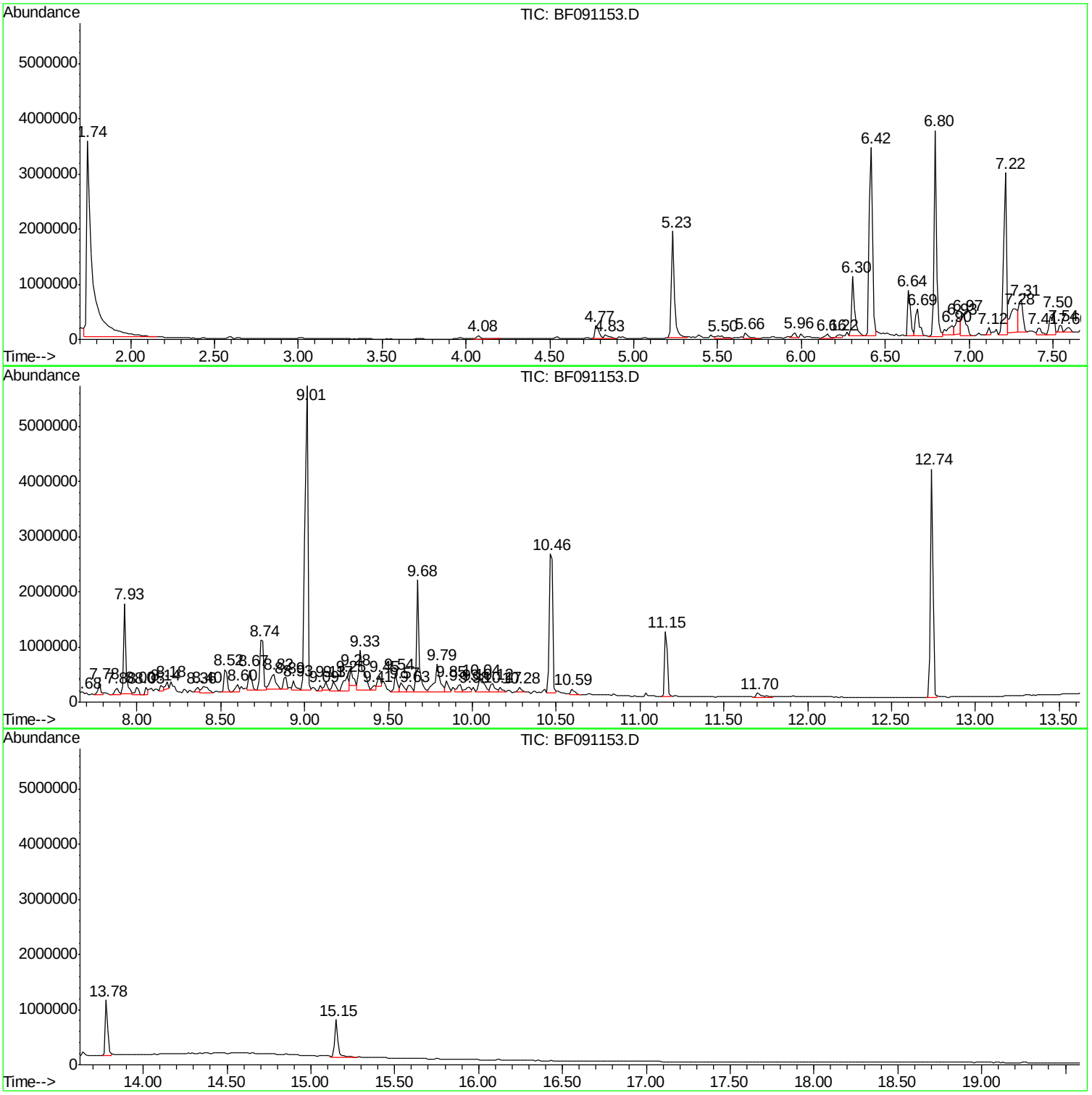
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091153.D
Acq On : 11 Nov 2016 21:13
Operator : UM/SJ
Sample : H5609-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091153.D
Acq On : 11 Nov 2016 21:13
Operator : UM/SJ
Sample : H5609-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

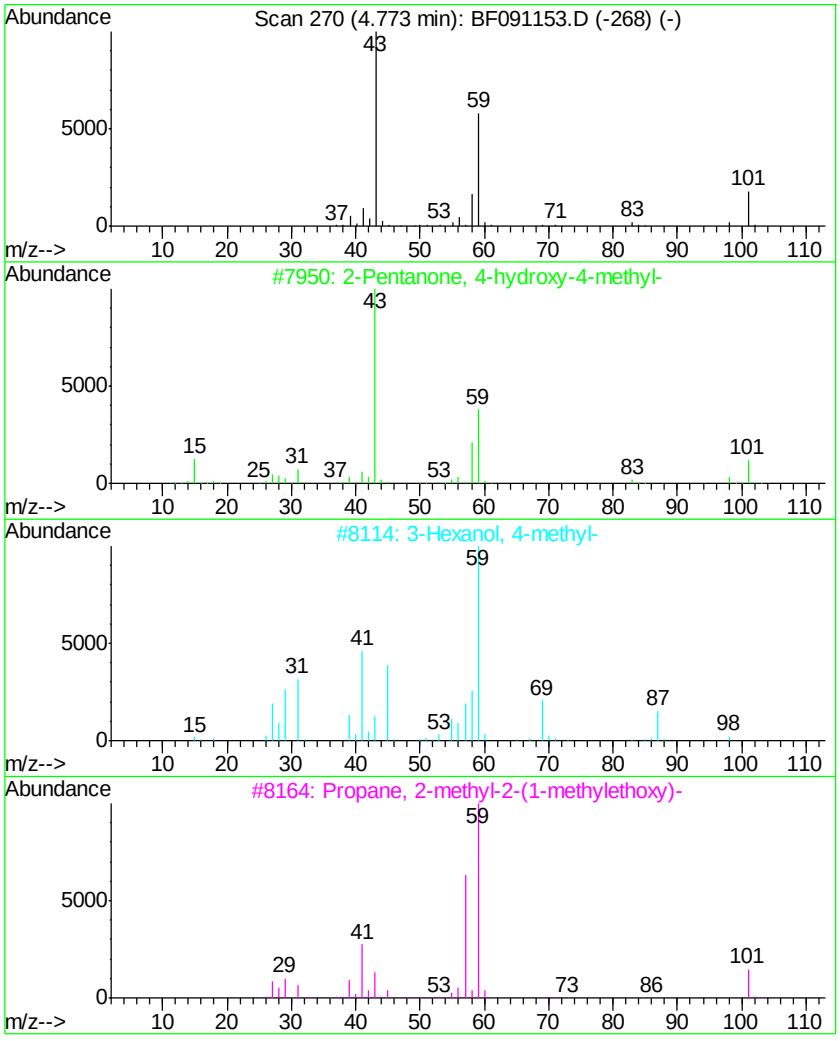
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

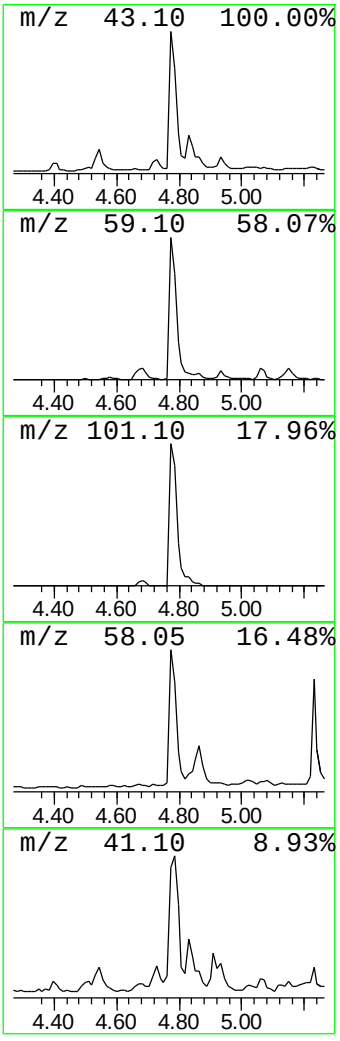
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	7.48 ng	405157	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091153.D
Acq On : 11 Nov 2016 21:13
Operator : UM/SJ
Sample : H5609-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

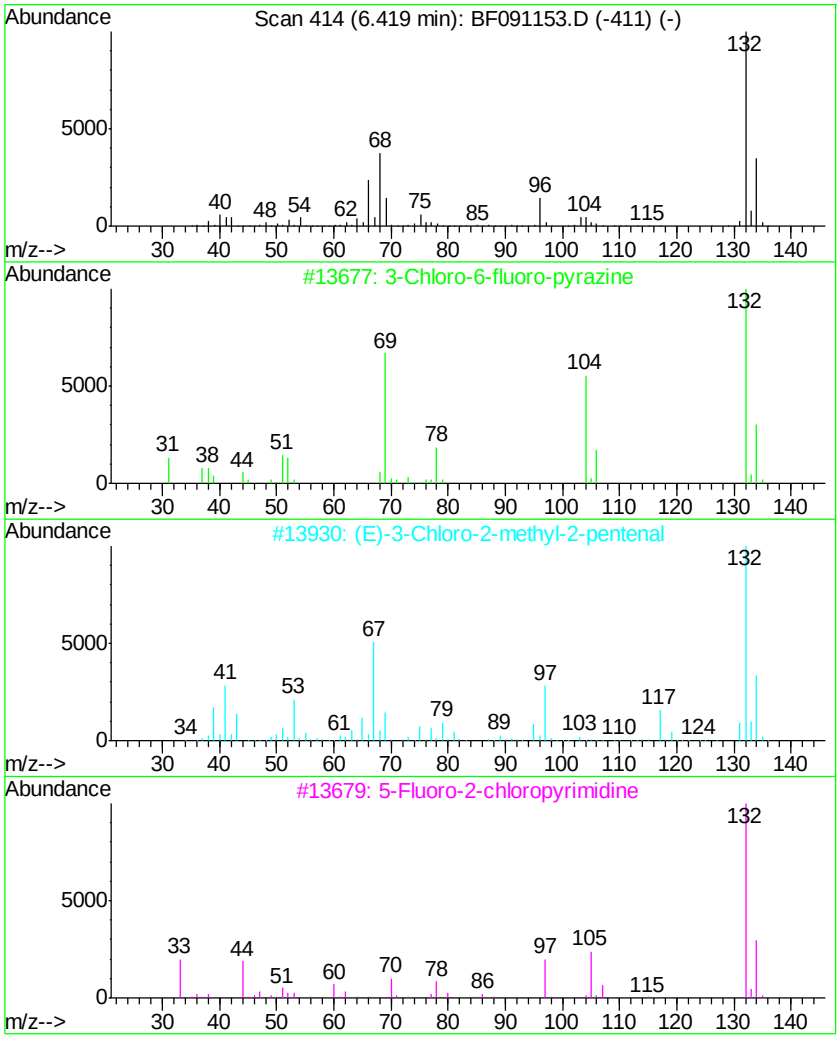
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

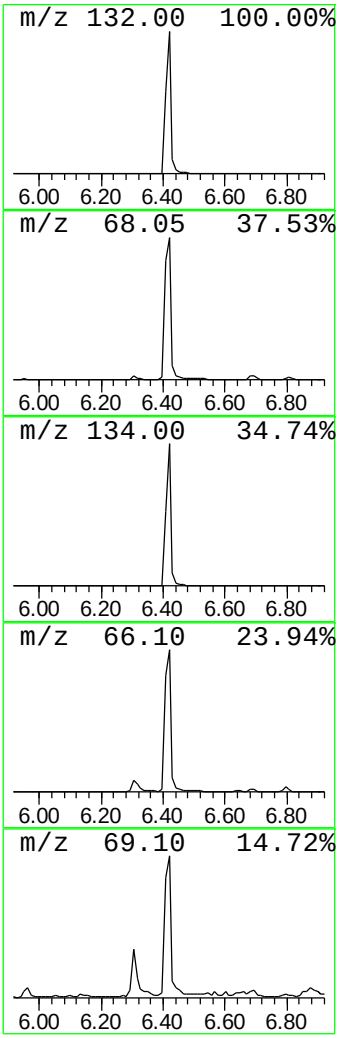
****

Peak Number 3 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	79.74 ng	4318680	1,4-Dichlorobenzene-d4	6.64

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	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091153.D
Acq On : 11 Nov 2016 21:13
Operator : UM/SJ
Sample : H5609-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

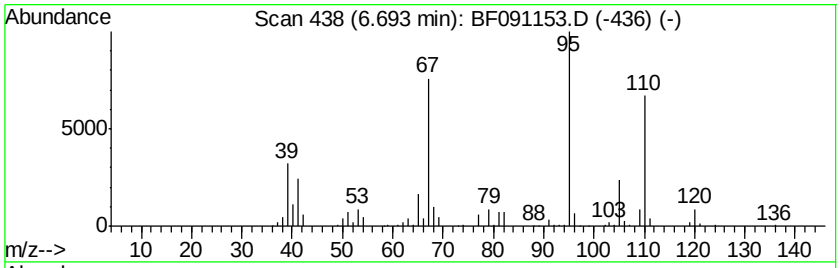
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

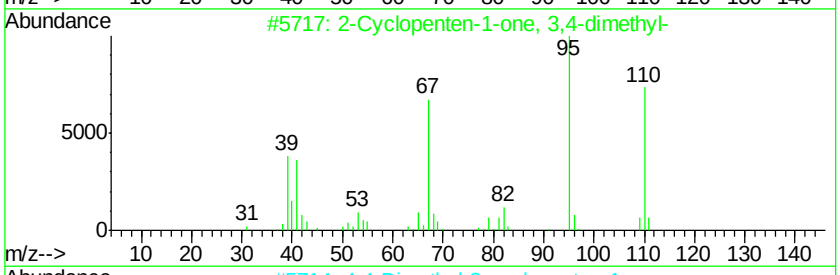
****

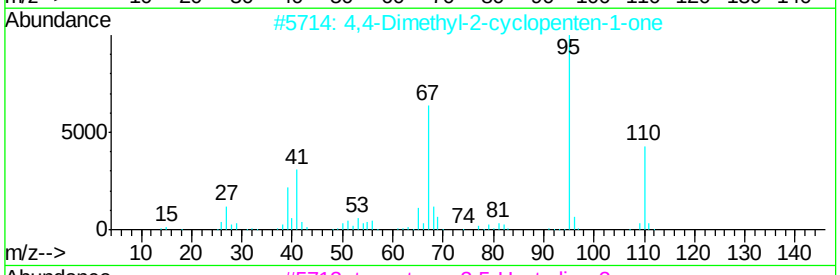
Peak Number 4 2-Cyclopenten-1-one, 3,4-di... Concentration Rank 6

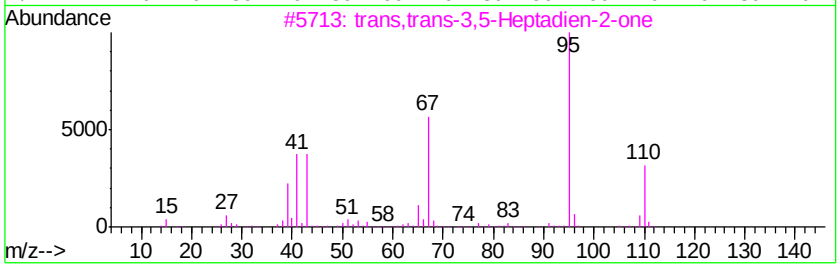
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	15.27 ng	826999	1,4-Dichlorobenzene-d4	6.64

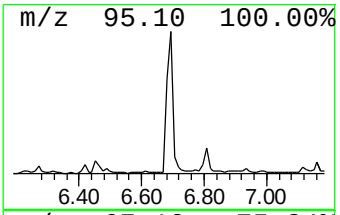
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	83
2	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	78
3	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	59
4	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	50
5	1-(3H-Imidazol-4-yl)-ethanone	110	C5H6N2O	061985-25-9	47

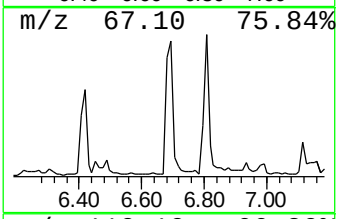


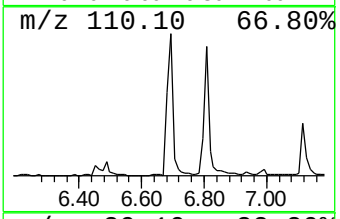


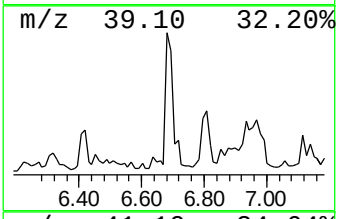


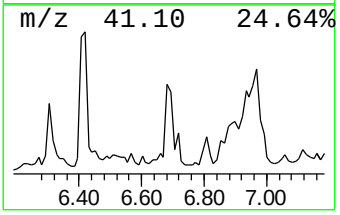












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ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

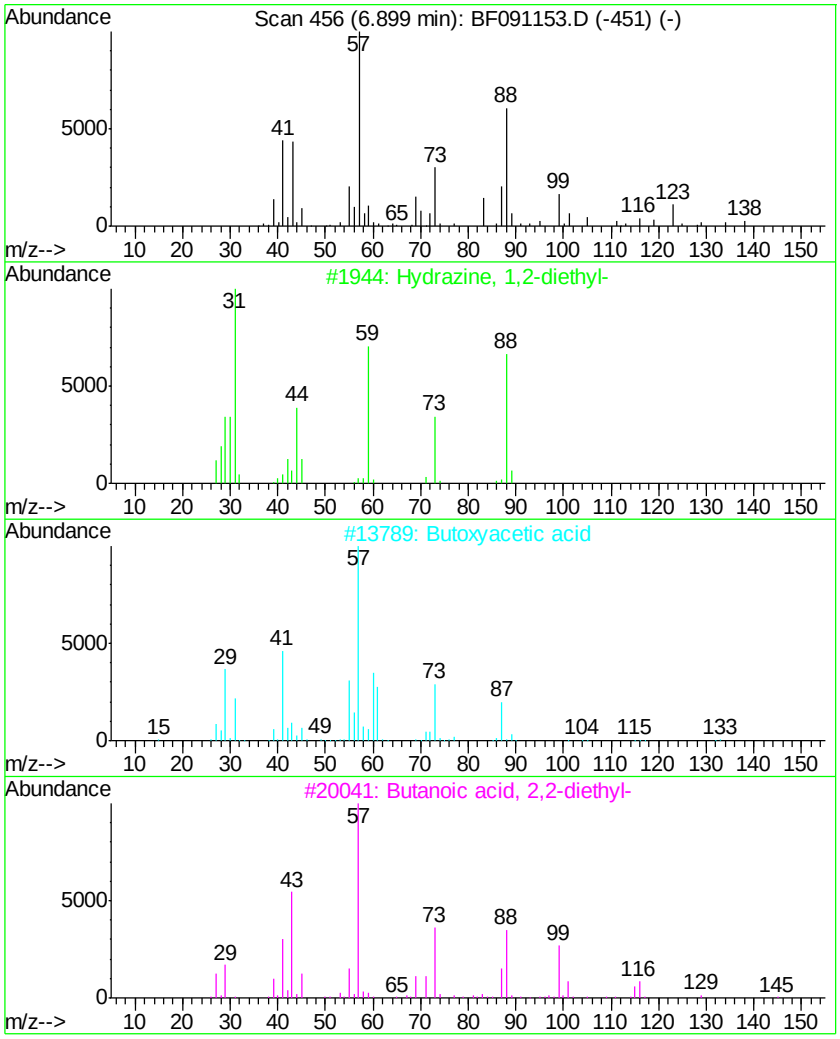
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

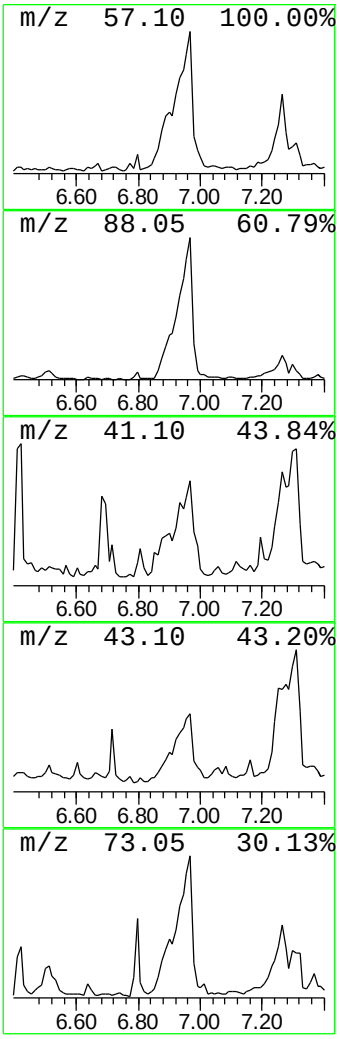
****

Peak Number 6 unknown6.90 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	8.90 ng	481959	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	35
2	Butoxyacetic acid	132	C6H12O3	002516-93-0	35
3	Butanoic acid, 2,2-diethyl-	144	C8H16O2	000813-58-1	32
4	3-Furanol, tetrahydro-	88	C4H8O2	000453-20-3	23
5	Malic acid, 2-ethyl-, dimethyl e...	190	C8H14O5	1000153-26-0	22





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Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

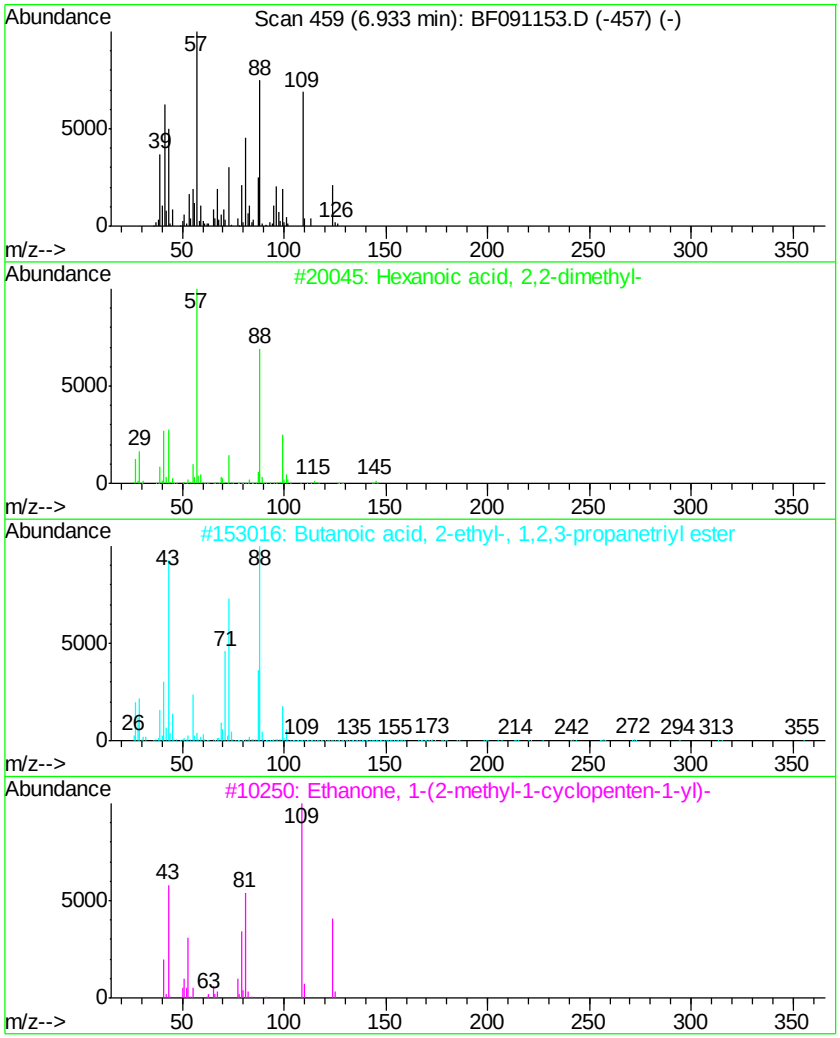
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

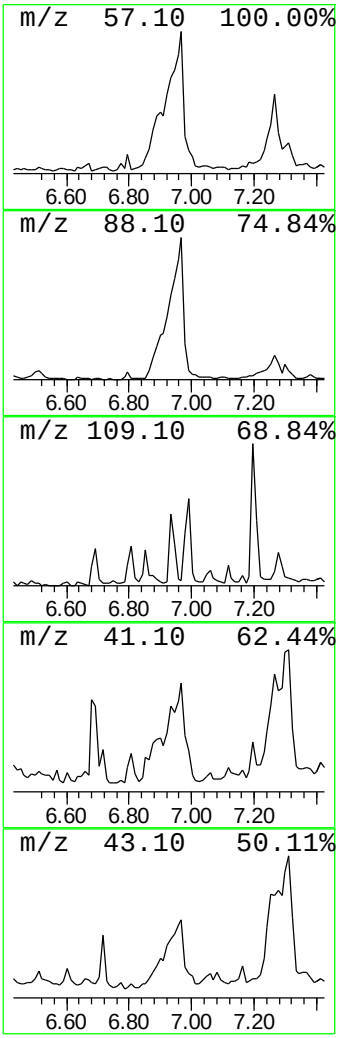
****

Peak Number 7 unknown6.93 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	9.32 ng	504699	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2,2-dimethyl-	144	C8H16O2	000813-72-9	35
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	32
3	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	18
4	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	16
5	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091153.D
Acq On : 11 Nov 2016 21:13
Operator : UM/SJ
Sample : H5609-09
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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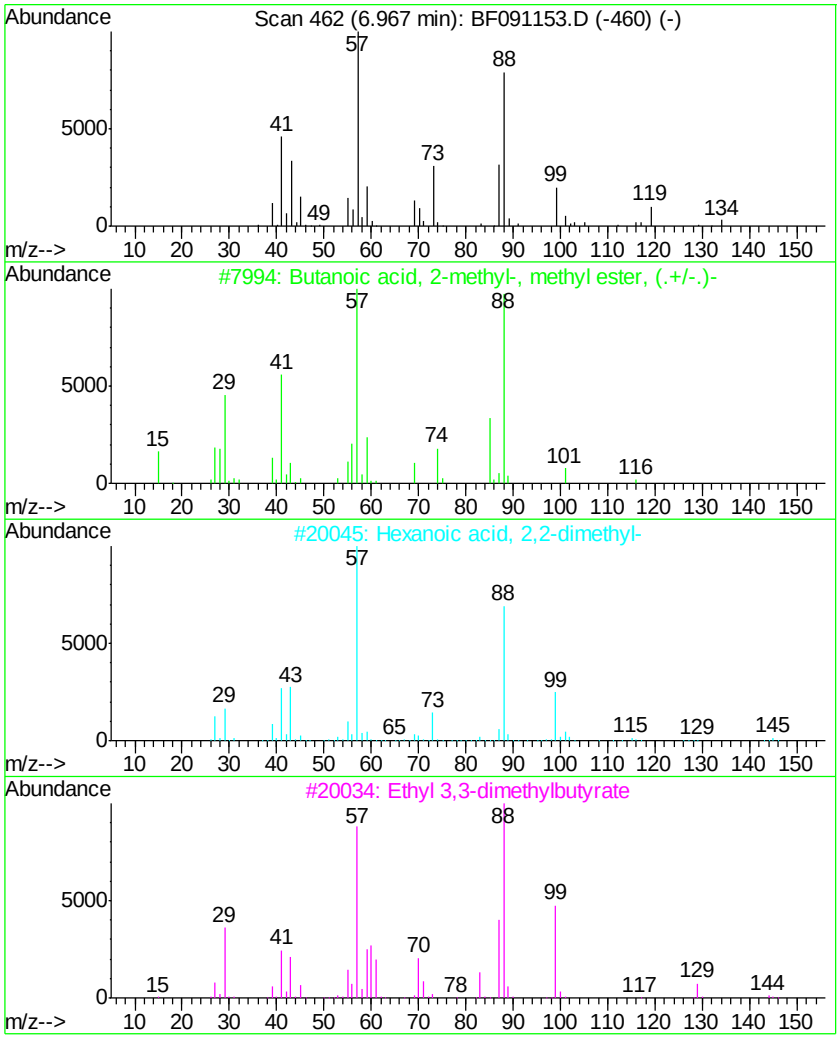
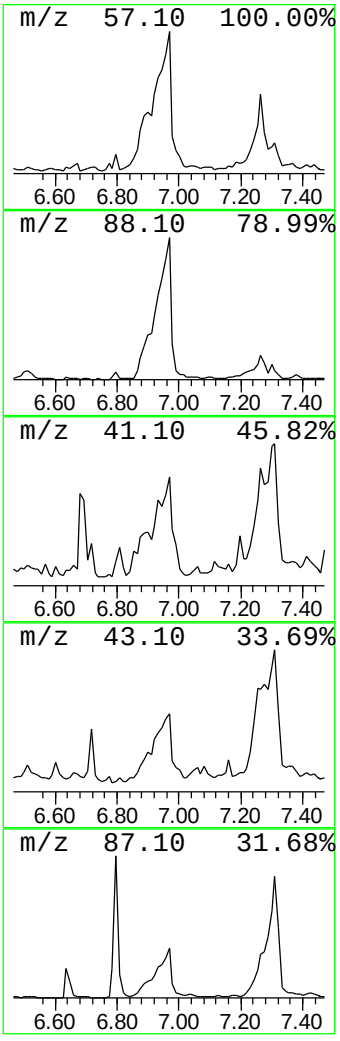
Peak Number 8 Butanoic acid, 2-methyl-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	14.18 ng	768014	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	053955-81-0	58
2	Hexanoic acid, 2,2-dimethyl-	144	C8H16O2	000813-72-9	42
3	Ethyl 3,3-dimethylbutyrate	144	C8H16O2	005340-78-3	38
4	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	35
5	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	28





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Acq On : 11 Nov 2016 21:13
Operator : UM/SJ
Sample : H5609-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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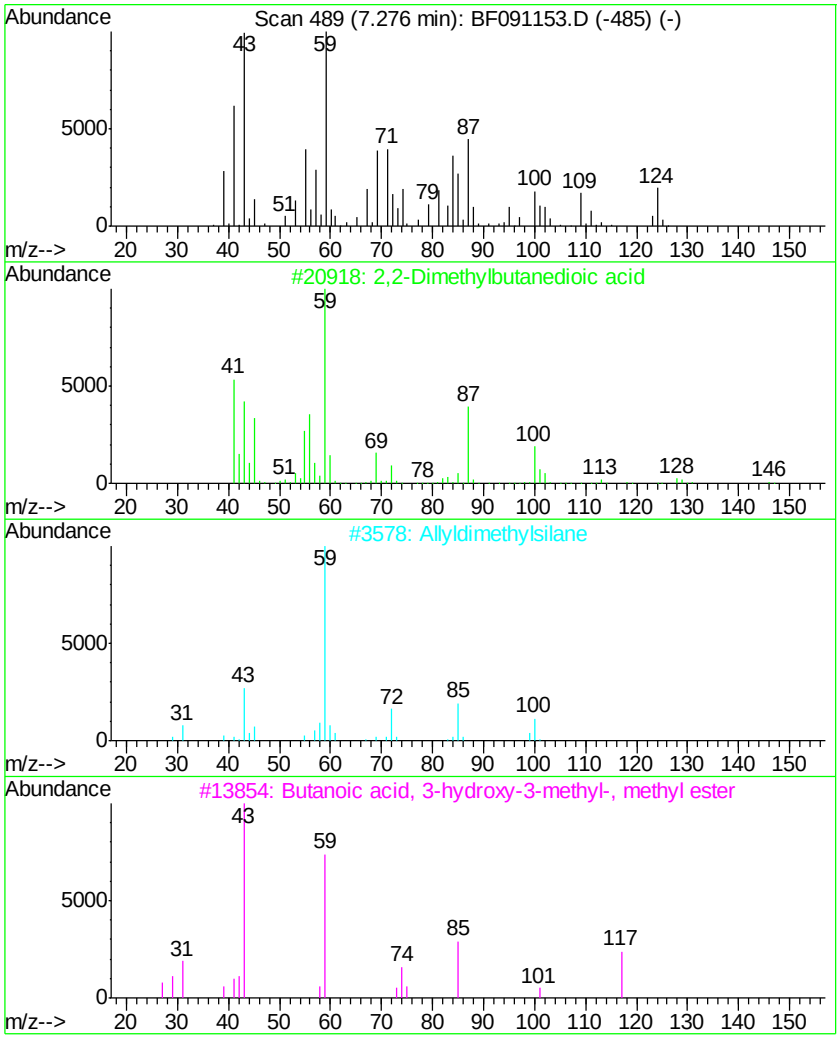
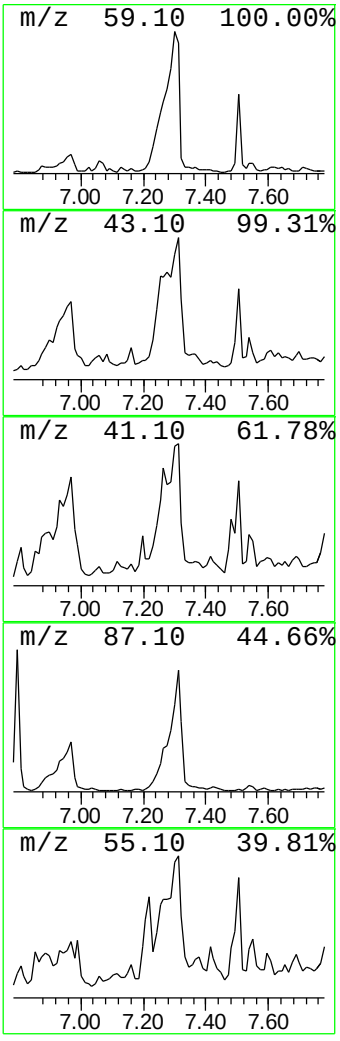
Peak Number 9 unknown7.28 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	23.43 ng	1269020	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	43
2	Allyldimethylsilane	100	C5H12Si	003937-30-2	27
3	Butanoic acid, 3-hydroxy-3-methy...	132	C6H12O3	006149-45-7	27
4	3-Heptanol	116	C7H16O	000589-82-2	17
5	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	17





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Sample : H5609-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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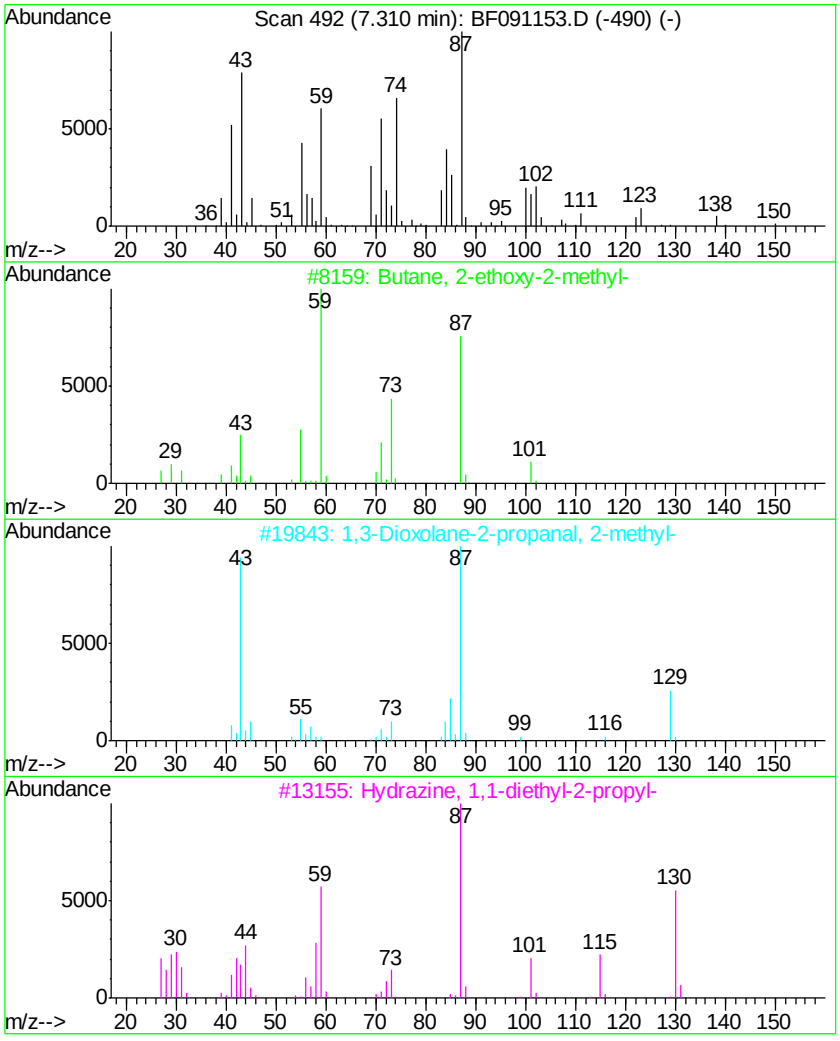
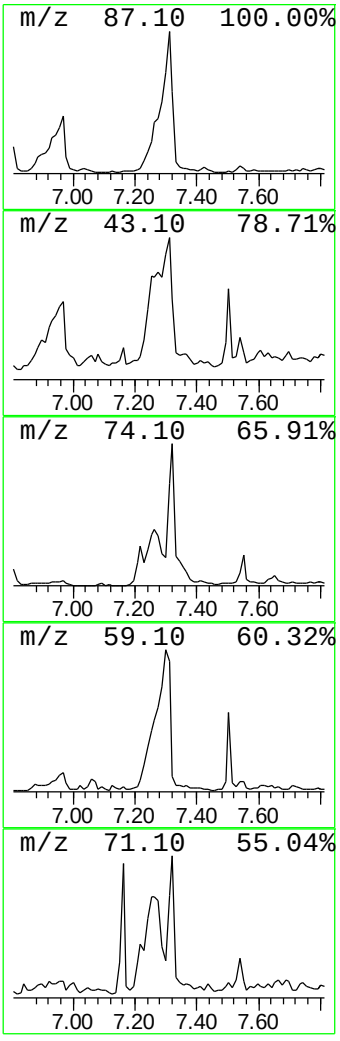
Peak Number 10 unknown7.31 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	11.81 ng	959510	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-ethoxy-2-methyl-	116	C7H16O	000919-94-8	25
2	1,3-Dioxolane-2-propanal, 2-methyl-	144	C7H12O3	024108-29-0	22
3	Hydrazine, 1,1-diethyl-2-propyl-	130	C7H18N2	067398-38-3	16
4	Ethanol, 2-(2-butoxyethoxy)-, ac...	204	C10H20O4	000124-17-4	12
5	Epoxy-linalooloxide	186	C10H18O3	1000007-96-5	12





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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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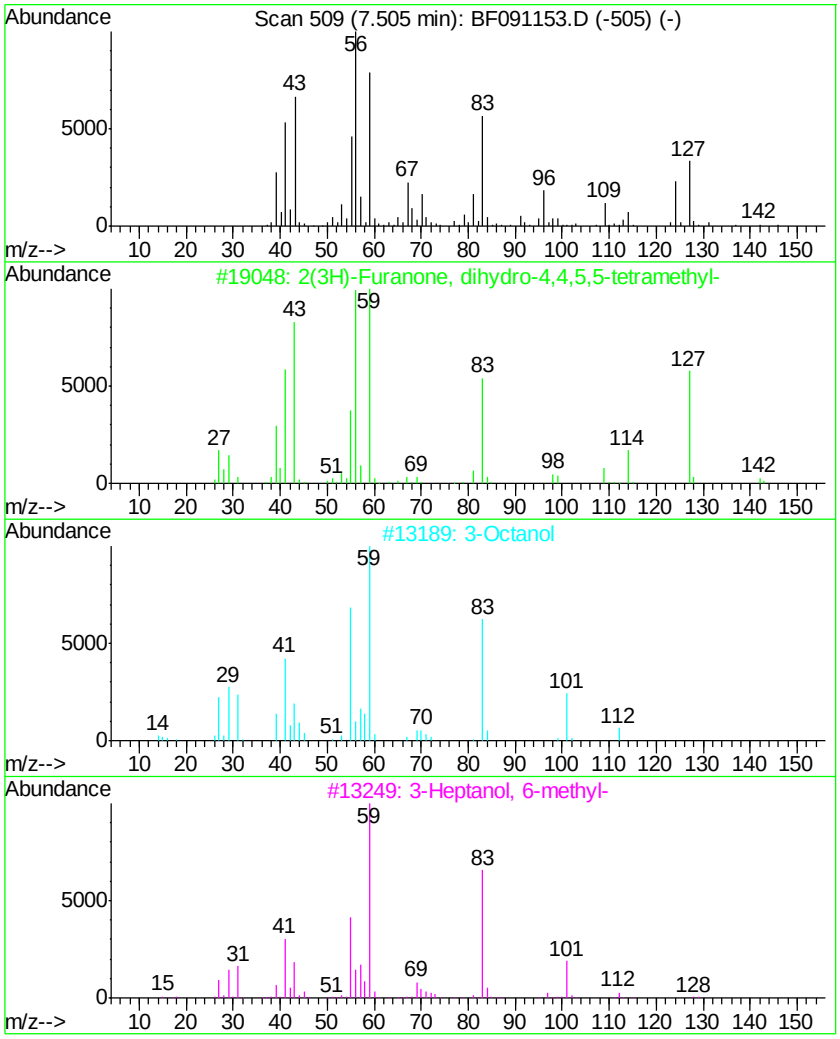
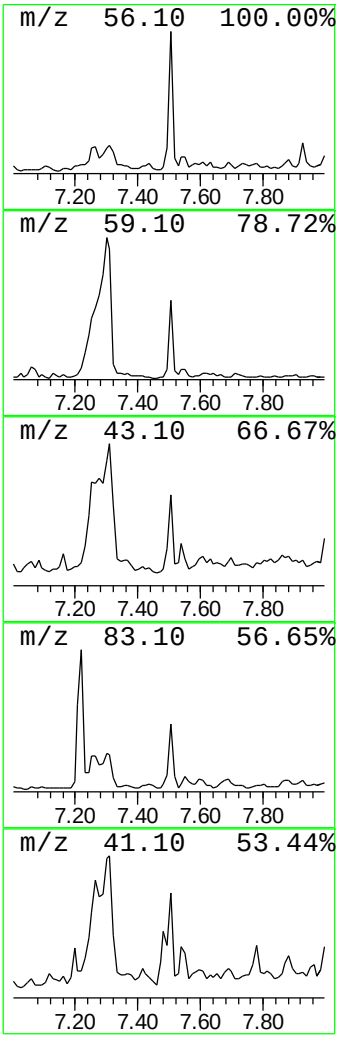
Peak Number 11 2(3H)-Furanone, dihydro-4,4... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	10.24 ng	831542	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-4,4,5,5-...	142	C8H14O2	016466-24-3	81
2	3-Octanol	130	C8H18O	000589-98-0	27
3	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	25
4	3-Octanol	130	C8H18O	020296-29-1	16
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	16





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Misc :
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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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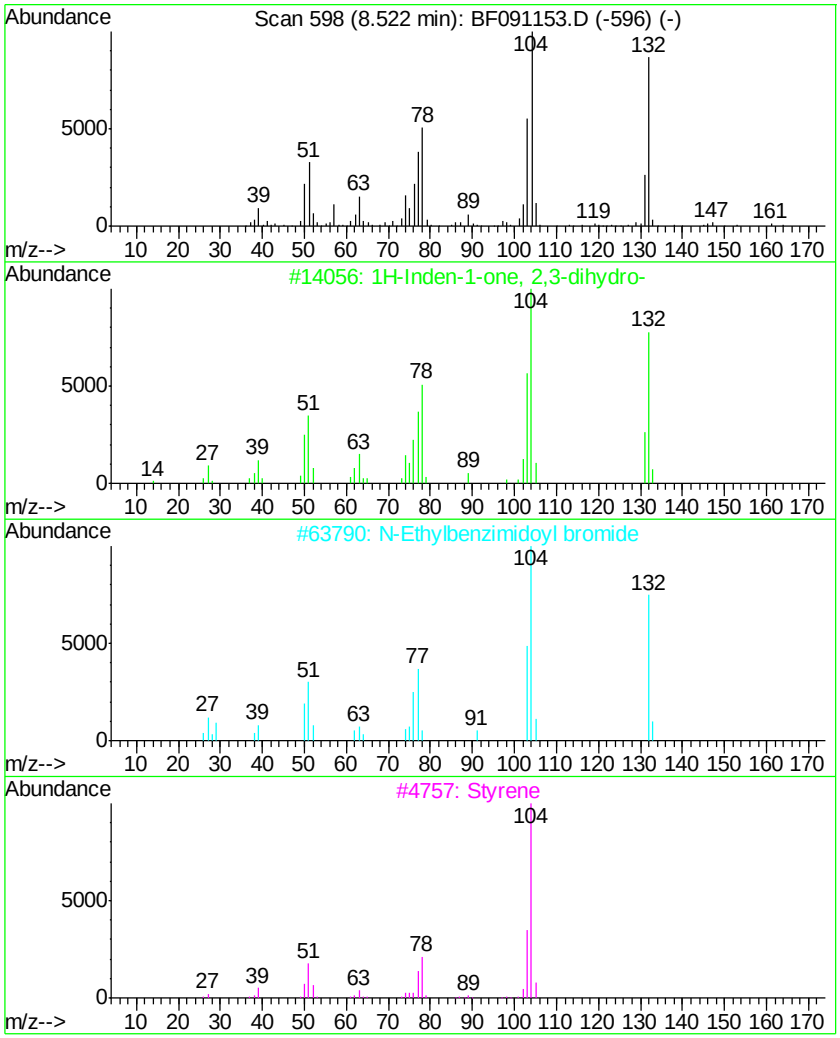
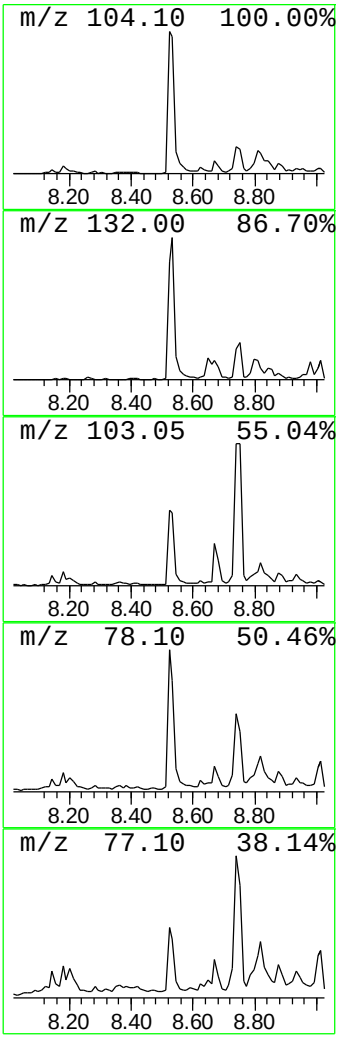
Peak Number 12 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	7.19 ng	584201	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
2	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	72
3	Styrene	104	C8H8	000100-42-5	64
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53





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Operator : UM/SJ
Sample : H5609-09
Misc :
ALS Vial : 17 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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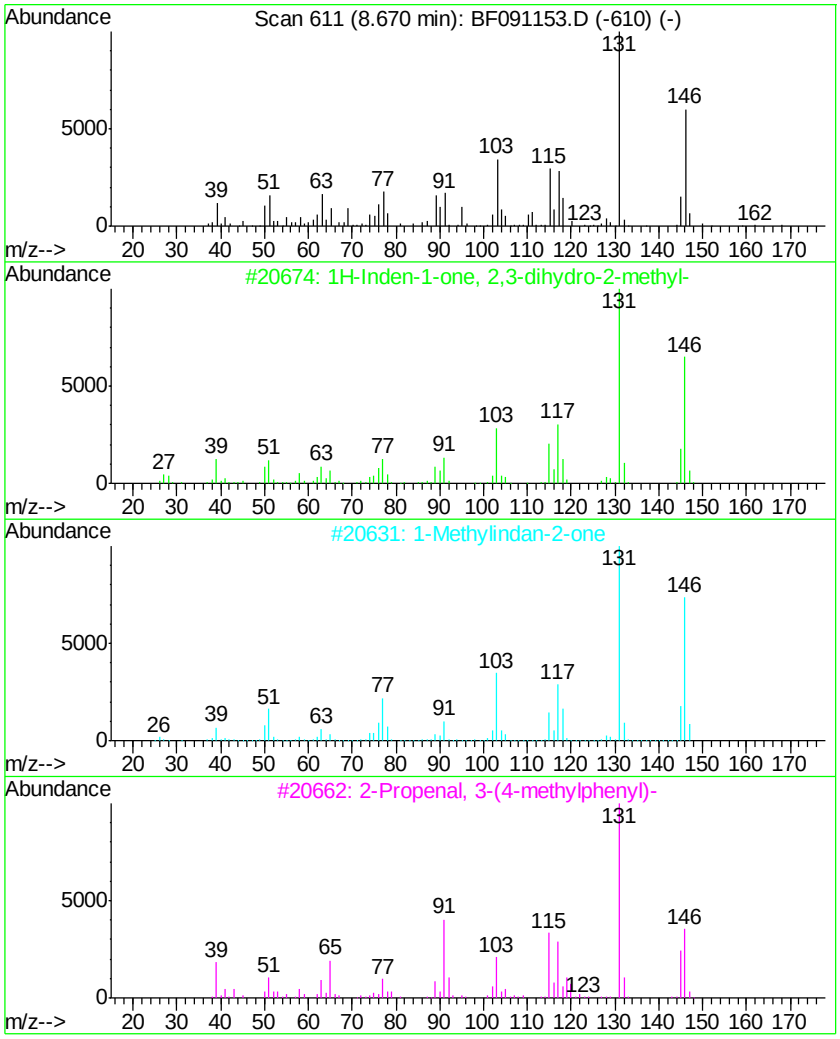
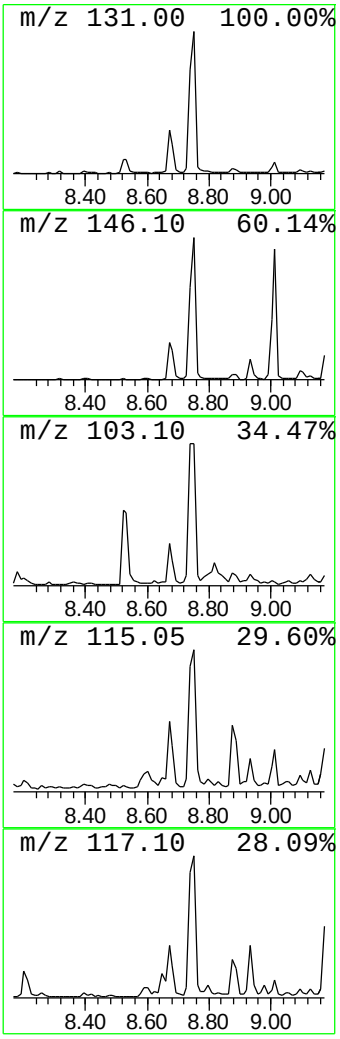
Peak Number 13 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	5.02 ng	408058	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	93
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	90
3	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	59
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	53





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Sample : H5609-09
Misc :
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Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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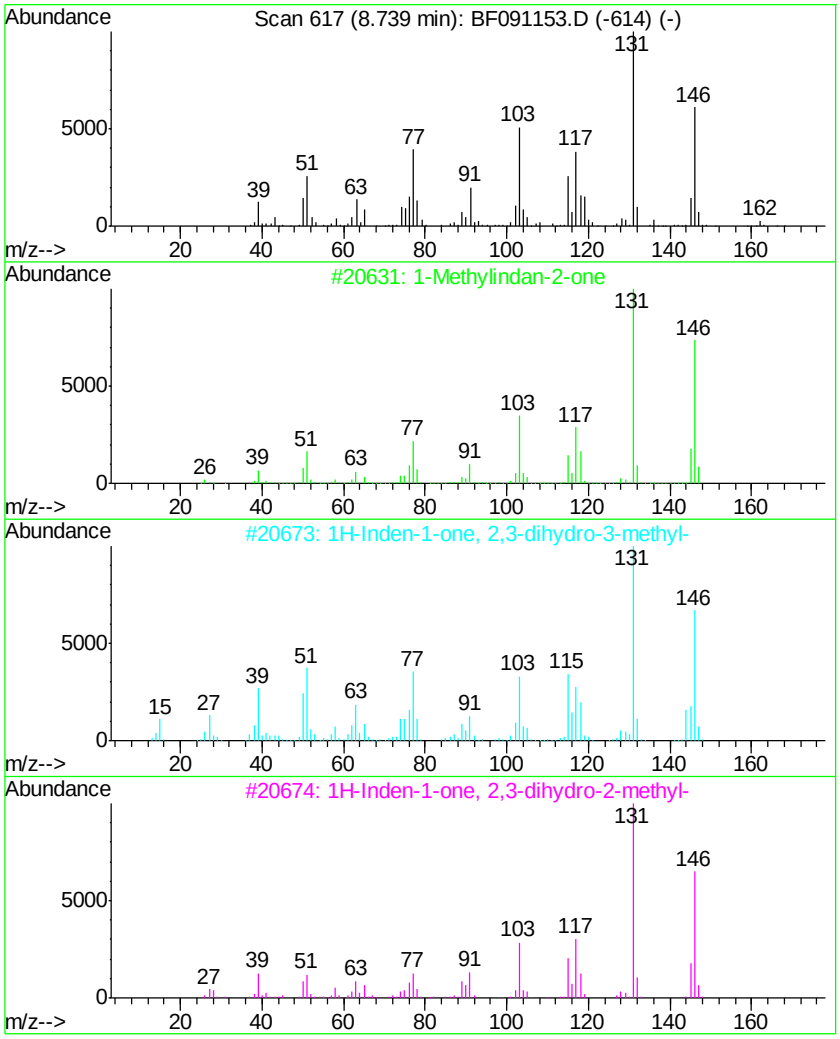
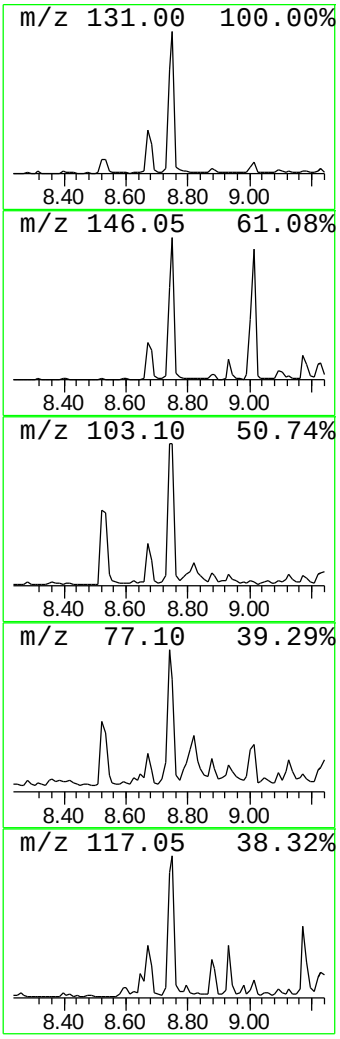
Peak Number 14 1-Methylindan-2-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	17.57 ng	1427360	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	95
2	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	81
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	81
4	1-(2-Vinylphenyl)ethanone	146	C10H10O	052095-40-6	55
5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	52





Library Search Compound Report

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Operator : UM/SJ
Sample : H5609-09
Misc :
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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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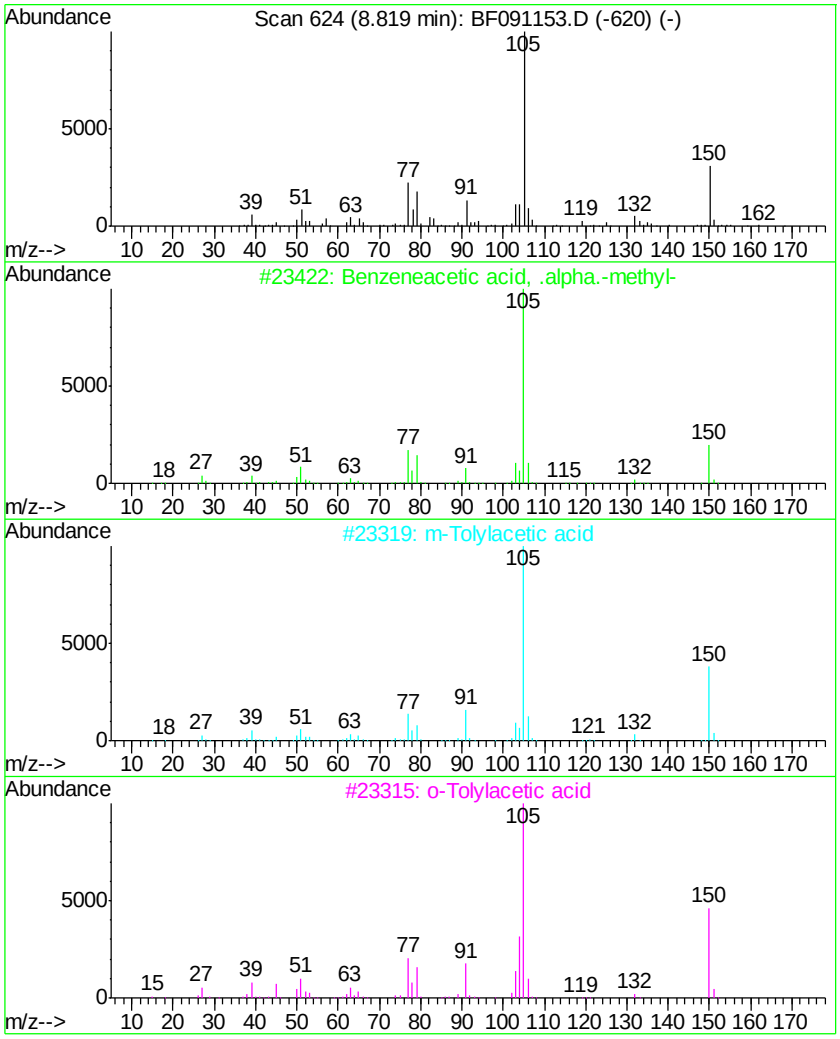
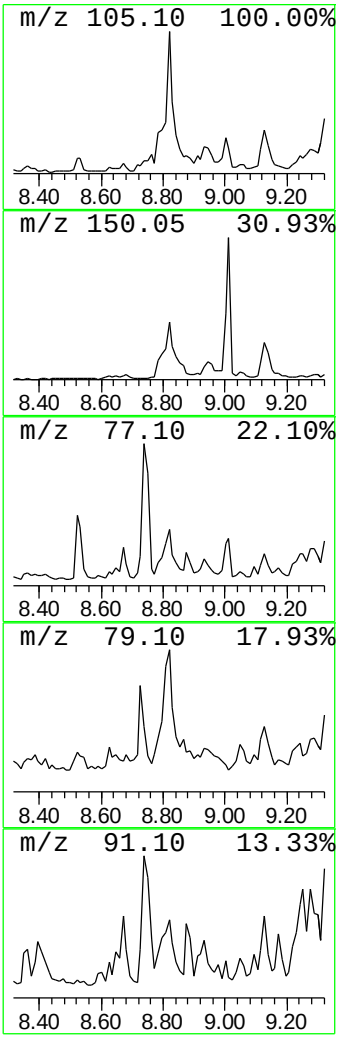
Peak Number 15 Benzeneacetic acid, .alpha.... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	5.72 ng	595735	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	91
2	m-Tolylacetic acid	150	C9H10O2	000621-36-3	90
3	o-Tolylacetic acid	150	C9H10O2	000644-36-0	87
4	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	83
5	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	83





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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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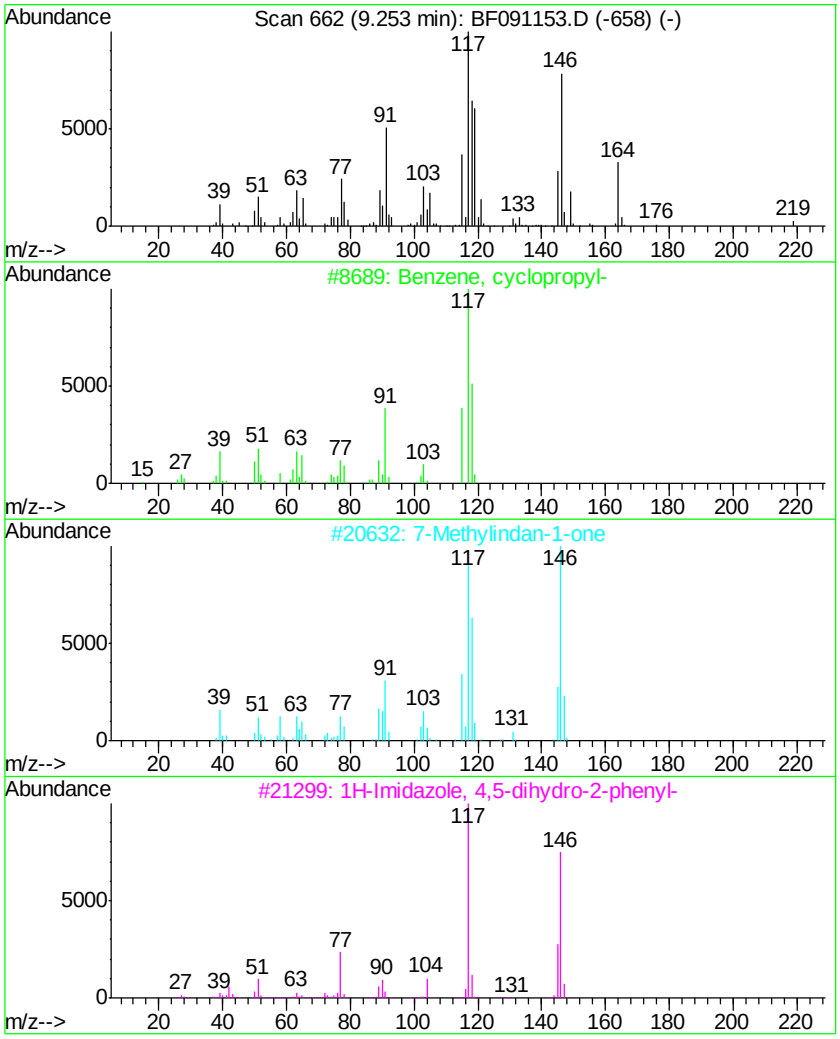
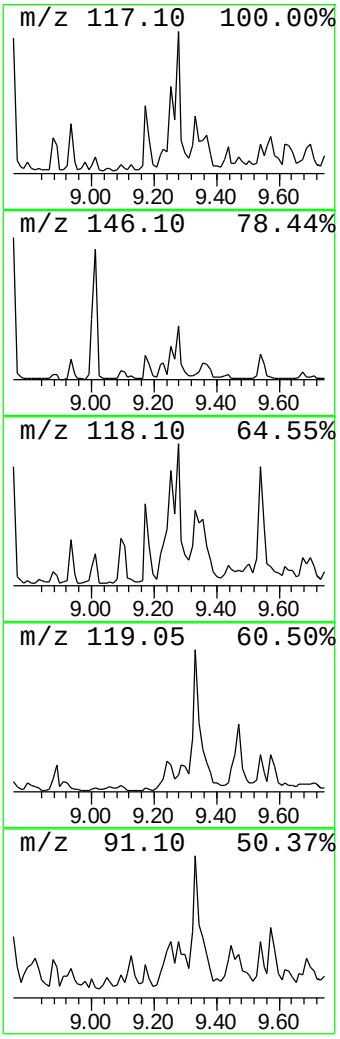
Peak Number 16 Benzene, cyclopropyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	5.78 ng	601663	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	62
3	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	55
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	42
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	42





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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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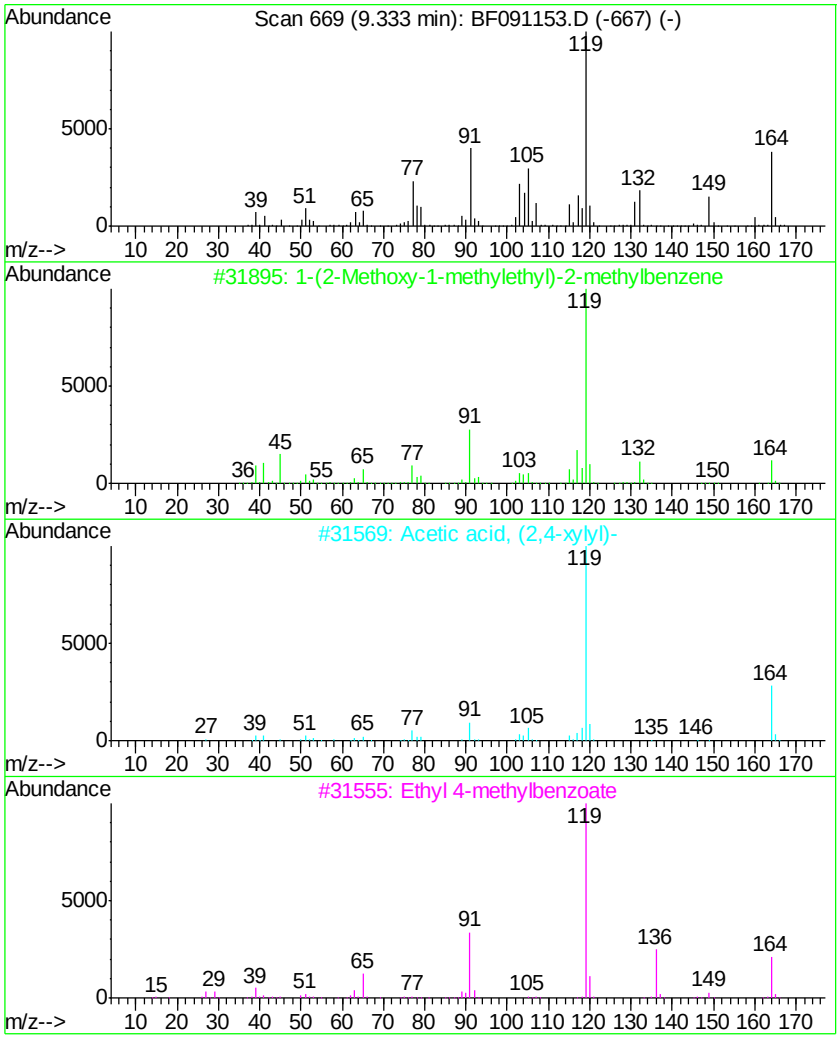
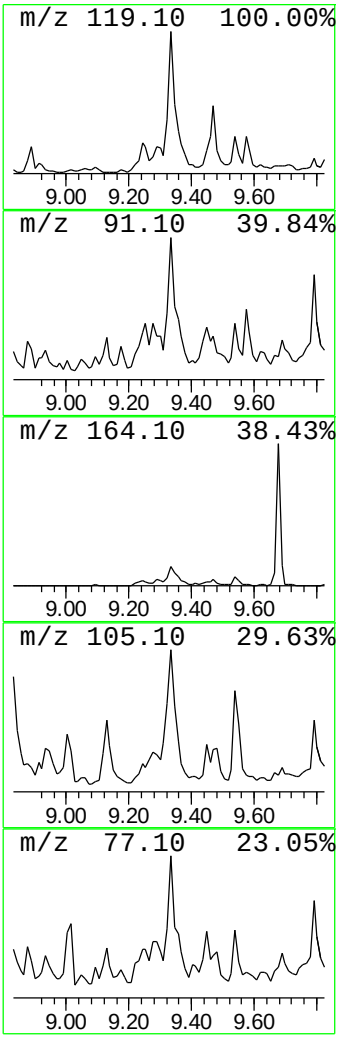
Peak Number 17 1-(2-Methoxy-1-methylethyl)... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	12.65 ng	1317020	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	76
2	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	58
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	47
4	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	43
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43





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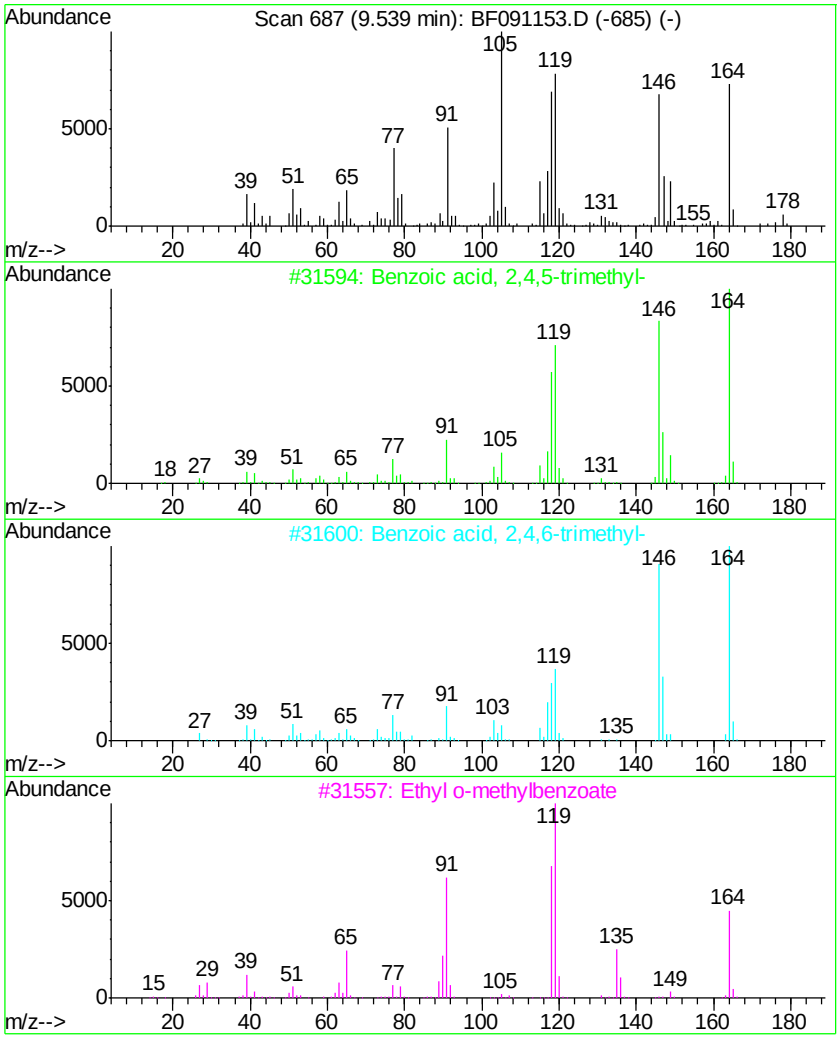
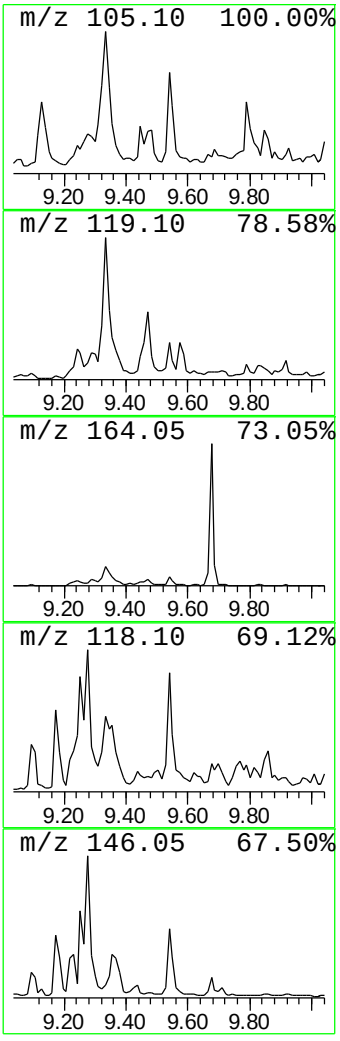
Peak Number 18 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	4.00 ng	416869	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	93
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	81
3	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	45
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	30
5	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	30





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ClientSampleId : MW-2

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

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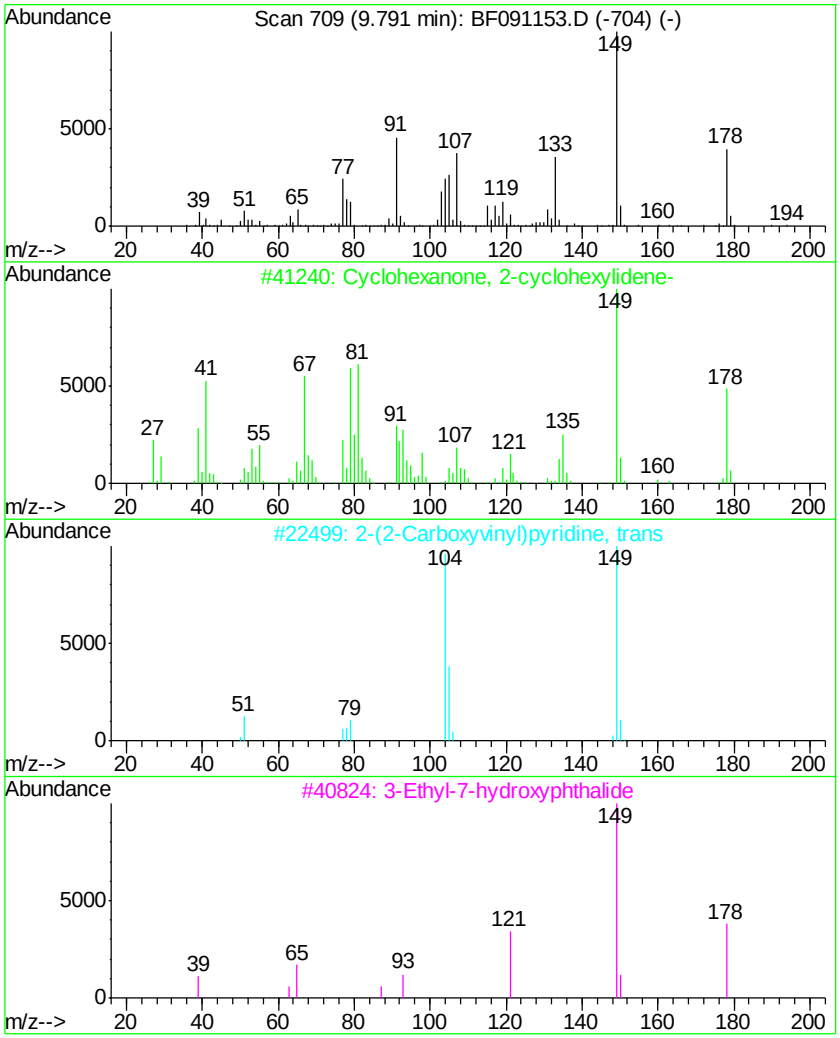
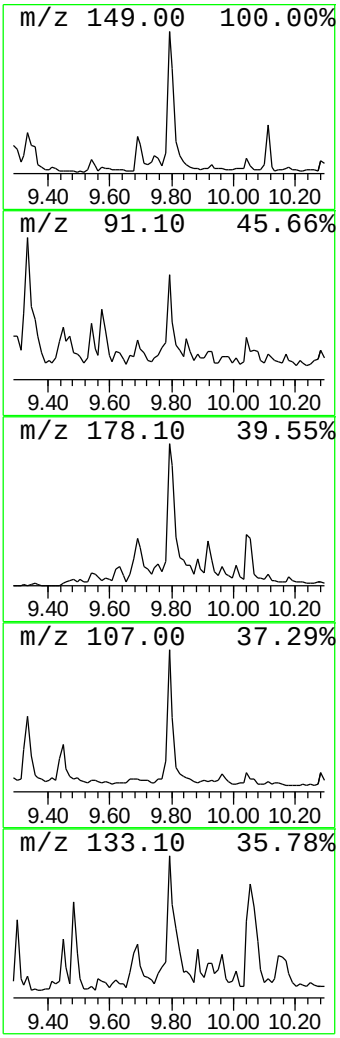
Peak Number 19 unknown9.79 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	10.79 ng	1123390	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	43
2	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	38
3	3-Ethyl-7-hydroxyphthalide	178	C10H10O3	000485-26-7	37
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	35
5	2-t-Butyl-6-[2-hydroxy-2-(2,4,6-...	318	C19H26O4	1000192-88-0	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091153.D
Acq On : 11 Nov 2016 21:13
Operator : UM/SJ
Sample : H5609-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

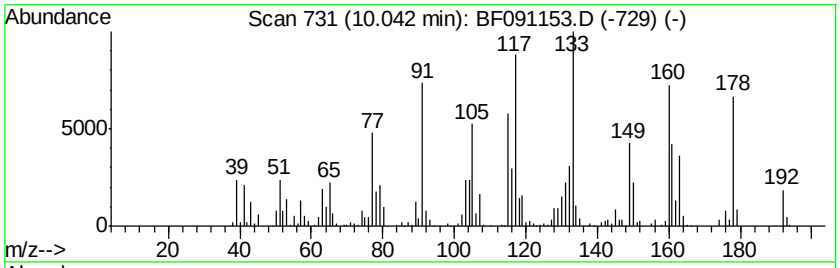
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

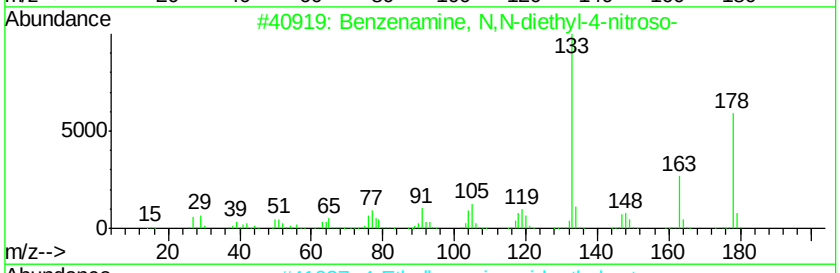
****

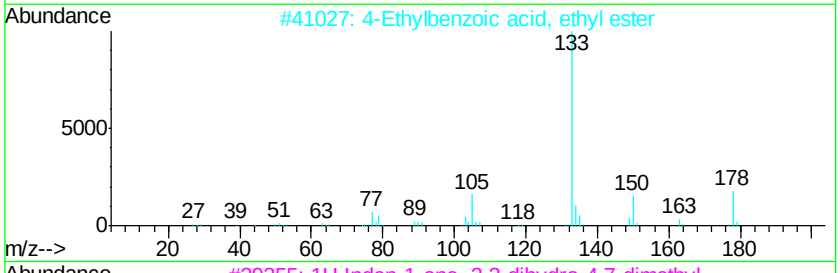
Peak Number 20 unknown10.04 Concentration Rank 18

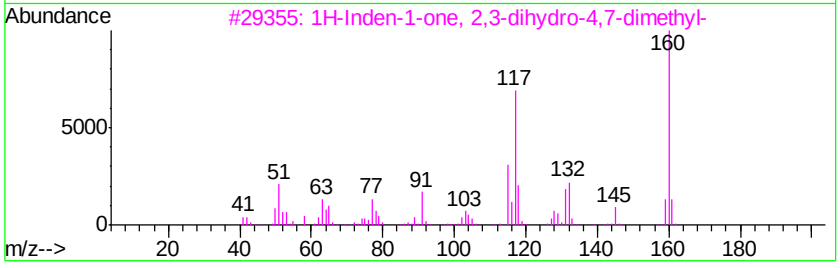
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	5.05 ng	526355	Acenaphthene-d10	9.68

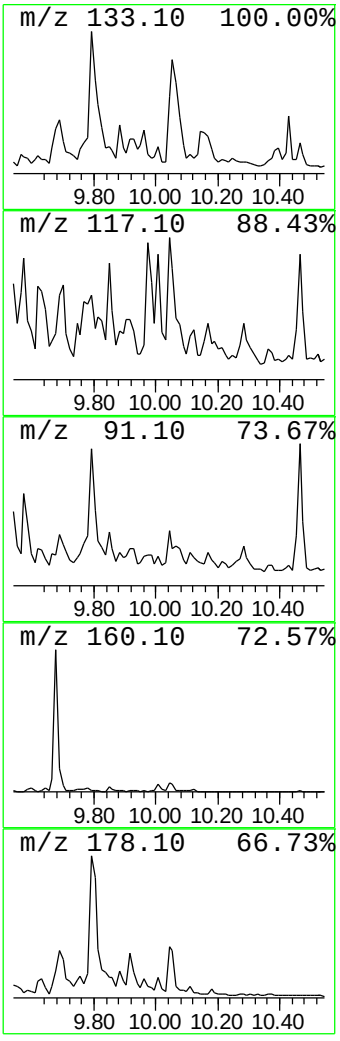
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-diethyl-4-nitroso-	178	C10H14N2O	000120-22-9	38
2	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	38
3	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	30
4	1,3,5,7-Cyclooctatetraene-1-prop...	162	C11H14O	054365-73-0	25
5	Phthalimidine	133	C8H7NO	000480-91-1	25











Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
Data File : BF091153.D
Acq On : 11 Nov 2016 21:13
Operator : UM/SJ
Sample : H5609-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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...	4.77	7.5	ng	405157	1	6.64	1083240	20.0
unknown6.42	6.42	79.7	ng	4318680	1	6.64	1083240	20.0
2-Cyclopenten-1-o...	6.69	15.3	ng	826999	1	6.64	1083240	20.0
unknown6.90	6.90	8.9	ng	481959	1	6.64	1083240	20.0
unknown6.93	6.93	9.3	ng	504699	1	6.64	1083240	20.0
Butanoic acid, 2-...	6.97	14.2	ng	768014	1	6.64	1083240	20.0
unknown7.28	7.28	23.4	ng	1269020	1	6.64	1083240	20.0
unknown7.31	7.31	11.8	ng	959510	2	7.93	1624420	20.0
2(3H)-Furanone, d...	7.50	10.2	ng	831542	2	7.93	1624420	20.0
1H-Inden-1-one, 2...	8.52	7.2	ng	584201	2	7.93	1624420	20.0
1H-Inden-1-one, 2...	8.67	5.0	ng	408058	2	7.93	1624420	20.0
1-Methylindan-2-one	8.74	17.6	ng	1427360	2	7.93	1624420	20.0
Benzeneacetic aci...	8.82	5.7	ng	595735	3	9.68	2082620	20.0
Benzene, cyclopro...	9.25	5.8	ng	601663	3	9.68	2082620	20.0
1-(2-Methoxy-1-me...	9.33	12.7	ng	1317020	3	9.68	2082620	20.0
Benzoic acid, 2,4...	9.54	4.0	ng	416869	3	9.68	2082620	20.0
unknown9.79	9.79	10.8	ng	1123390	3	9.68	2082620	20.0
unknown10.04	10.04	5.0	ng	526355	3	9.68	2082620	20.0