LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099010.D
Acq On : 2 Oct 2017 20:06
Operator : SJ/JU
Sample : I5531-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-63A-3-6

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-BF092317.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	2.152	6	11	18	rVB	142684	192156	2.20%	0.221%
2	3.952	309	317	326	rBV3	107909	218578	2.51%	0.252%
3	4.093	334	341	347	rVB	105313	170370	1.95%	0.196%
4	4.240	356	366	370	rBV2	193692	291965	3.35%	0.336%
5	4.287	370	374	379	rVV	92679	121706	1.40%	0.140%
6	4.381	383	390	394	rBV	76651	120392	1.38%	0.139%
7	4.434	394	399	407	rVB3	61070	113388	1.30%	0.131%
8	4.569	415	422	428	rVB2	236136	318089	3.65%	0.367%
9	4.669	431	439	445	rBV	167947	213921	2.45%	0.247%
10	4.816	459	464	468	rBV	95780	110056	1.26%	0.127%
11	4.857	468	471	475	rVB	150438	153409	1.76%	0.177%
12	4.963	485	489	495	rVB	435153	510566	5.85%	0.588%
13	5.046	495	503	505	rBV2	551803	849278	9.74%	0.979%
14	5.069	505	507	512	rVB	658617	739574	8.48%	0.852%
15	5.122	512	516	521	rBV	1256661	1549423	17.76%	1.786%
16	5.187	522	527	530	rVB2	205459	342826	3.93%	0.395%
17	5.251	536	538	541	rVB	160786	130908	1.50%	0.151%
18	5.322	545	550	554	rBV2	1060417	1487309	17.05%	1.714%
19	5.351	554	555	559	rVB2	287369	270928	3.11%	0.312%
20	5.404	559	564	566	rBV	967219	1086069	12.45%	1.252%
21	5.428	566	568	571	rVB	748437	588676	6.75%	0.678%
22	5.475	573	576	578	rBV	241266	238664	2.74%	0.275%
23	5.522	578	584	588	rVB2	2824812	4561175	52.28%	5.257%
24	5.569	588	592	595	rVB3	94652	142176	1.63%	0.164%
25	5.604	595	598	601	rBV	486150	498000	5.71%	0.574%
26	5.646	601	605	607	rVB3	90580	138074	1.58%	0.159%
27	5.681	607	611	616	rBV2	776398	1358569	15.57%	1.566%
28	5.728	616	619	622	rVB	1469333	1249398	14.32%	1.440%
29	5.769	622	626	629	rBV	1018373	1153526	13.22%	1.329%
30	5.834	634	637	642	rVB	365802	351514	4.03%	0.405%
31	5.934	647	654	657	rBV4	1696855	2666819	30.57%	3.073%
32	5.981	657	662	669	rBV3	982178	1910357	21.90%	2.202%
33	6.034	669	671	672	rBV2	203518	157755	1.81%	0.182%
34	6.069	672	677	681	rVB4	1806440	2775894	31.82%	3.199%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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Acq On : 2 Oct 2017 20:06
Operator : SJ/JU
Sample : I5531-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-63A-3-6

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.110	681	684	687	rBV2	783019	804822	9.23%	0.928%
36	6.157	687	692	699	rBV4	3513839	7468983	85.61%	8.608%
37	6.216	699	702	704	rVB2	1650359	1616542	18.53%	1.863%
38	6.251	704	708	710	rBV4	377981	464477	5.32%	0.535%
39	6.275	710	712	714	rVB	592353	473690	5.43%	0.546%
40	6.298	714	716	719	rVB2	564940	587192	6.73%	0.677%
41	6.351	719	725	727	rBV2	2454019	3634462	41.66%	4.189%
42	6.387	729	731	732	rBV2	439008	322126	3.69%	0.371%
43	6.410	732	735	737	rVB	2164982	2059828	23.61%	2.374%
44	6.445	737	741	747	rBV4	1925145	3717305	42.61%	4.284%
45	6.498	747	750	752	rBV	1409439	1141319	13.08%	1.315%
46	6.534	752	756	759	rVB	2261590	2671654	30.62%	3.079%
47	6.563	759	761	763	rBV	735696	629311	7.21%	0.725%
48	6.587	763	765	767	rVB3	997595	753569	8.64%	0.868%
49	6.610	767	769	772	rVB	595346	494046	5.66%	0.569%
50	6.681	772	781	788	rBV6	2814936	8723933	100.00%	10.054%
51	6.751	788	793	794	rBV2	737874	799514	9.16%	0.921%
52	6.769	794	796	799	rVB2	986856	829089	9.50%	0.955%
53	6.798	799	801	803	rVB2	311705	237874	2.73%	0.274%
54	6.875	803	814	815	rBV5	1603900	4063994	46.58%	4.684%
55	6.928	819	823	828	rVB2	2022944	3108966	35.64%	3.583%
56	6.969	828	830	834	rVB2	924779	940271	10.78%	1.084%
57	7.028	837	840	842	rBV	670505	755241	8.66%	0.870%
58	7.063	842	846	849	rBV4	2107546	3469145	39.77%	3.998%
59	7.140	857	859	860	rBV	513185	414907	4.76%	0.478%
60	7.187	864	867	870	rVV	1416764	1880519	21.56%	2.167%
61	7.316	886	889	891	rBV	934788	1136959	13.03%	1.310%
62	7.451	907	912	915	rBV4	2490824	5143899	58.96%	5.928%
63	14.080	2036	2039	2042	rBV2	527130	593997	6.81%	0.685%
64	15.568	2288	2292	2308	rVB	608935	1051549	12.05%	1.212%

Sum of corrected areas: 86770691

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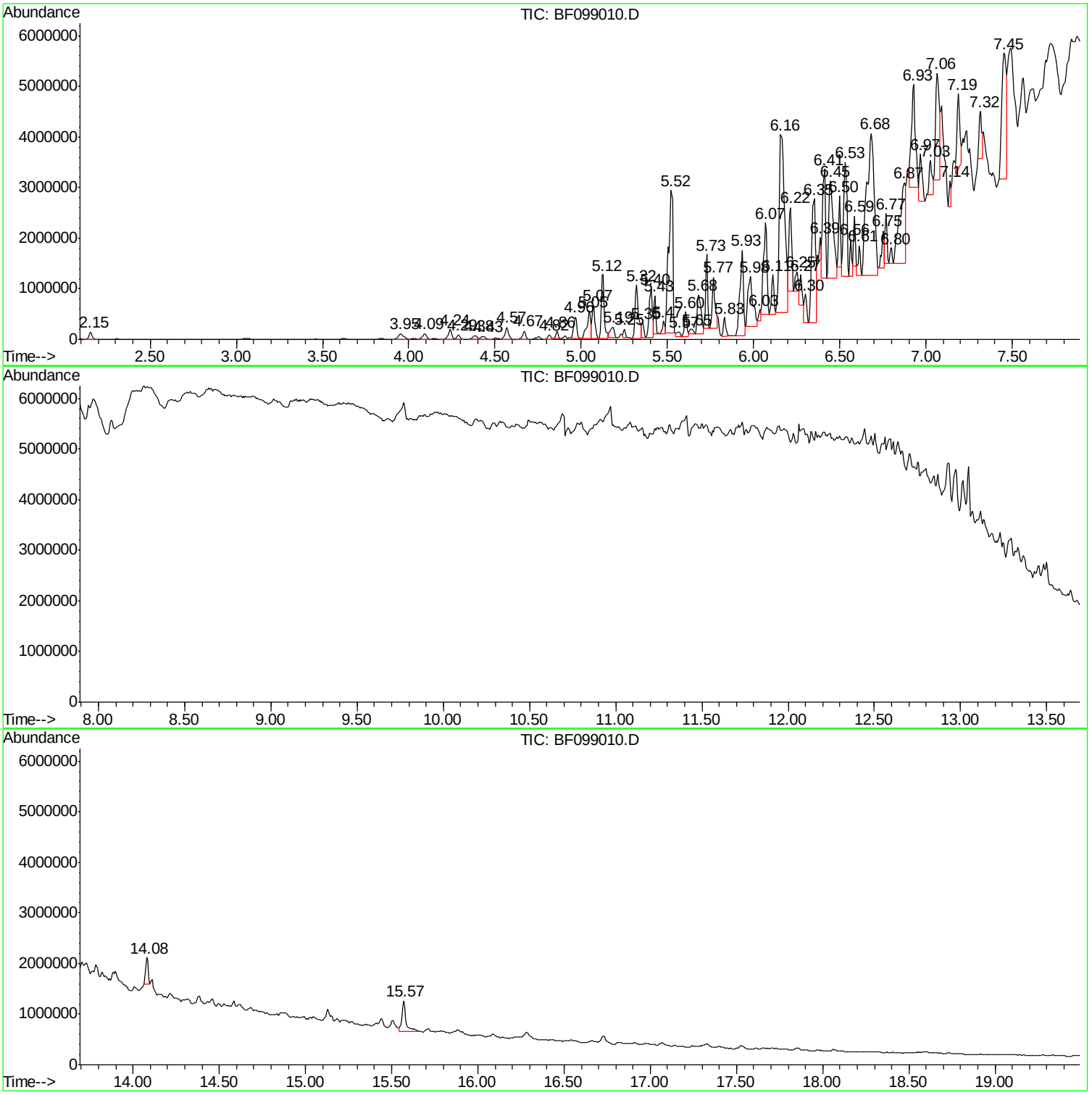
Instrument : BNA_F
ClientSampleId : G-63A-3-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : I5531-15
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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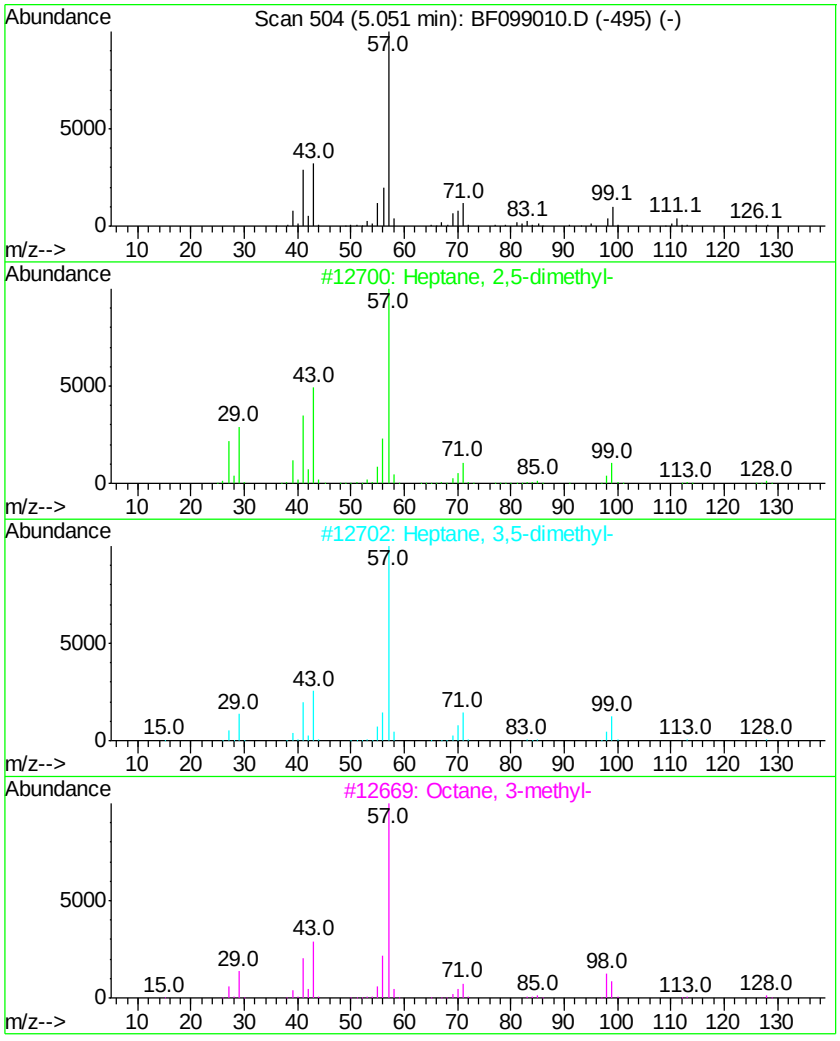
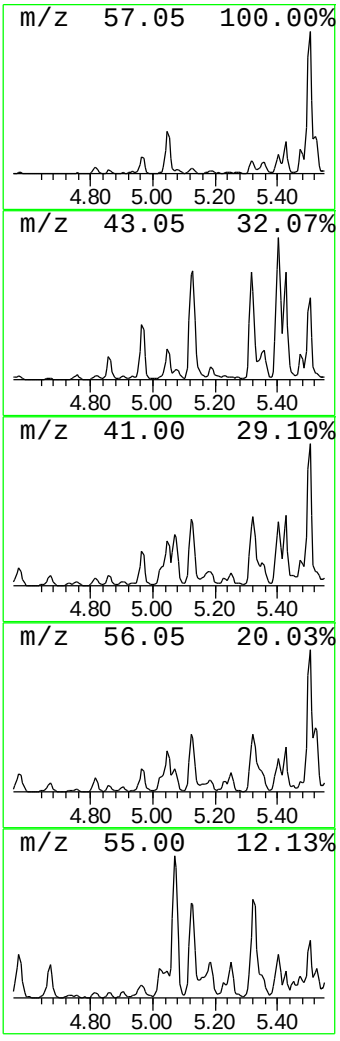
Peak Number 1 Heptane, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	5.46 ng	849278	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	62
3	Octane, 3-methyl-	128	C9H20	002216-33-3	50
4	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	47
5	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099010.D
Acq On : 2 Oct 2017 20:06
Operator : SJ/JU
Sample : I5531-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-63A-3-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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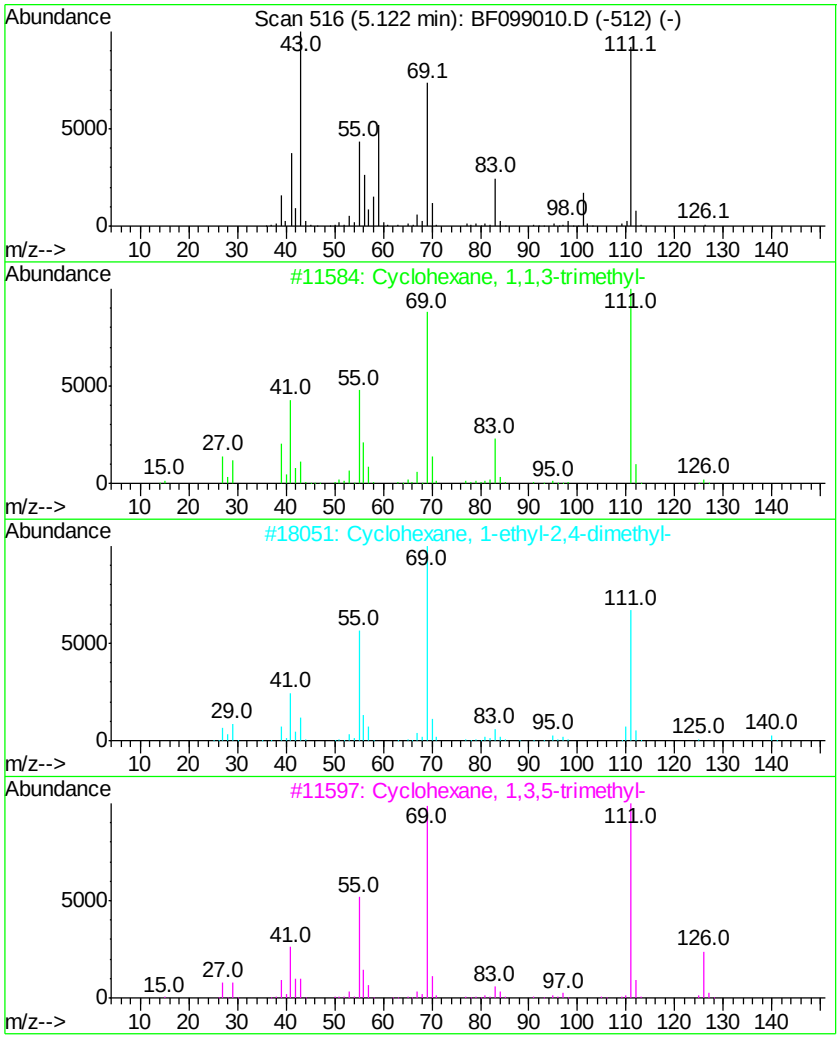
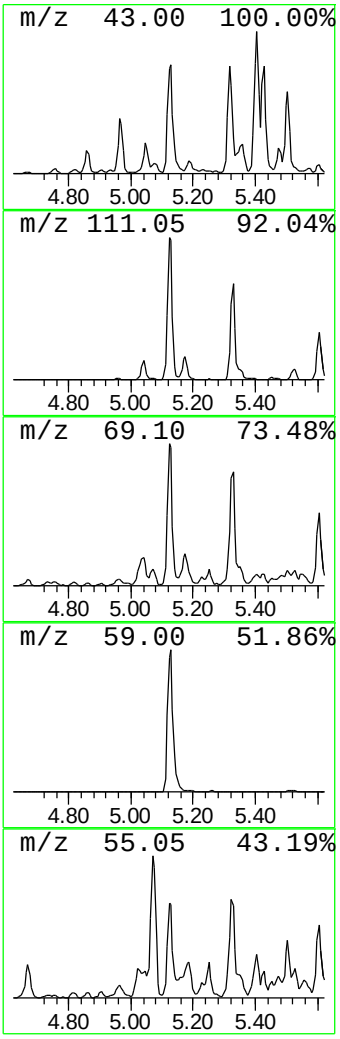
Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	9.97 ng	1549420	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	53
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	50
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099010.D
Acq On : 2 Oct 2017 20:06
Operator : SJ/JU
Sample : I5531-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-63A-3-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

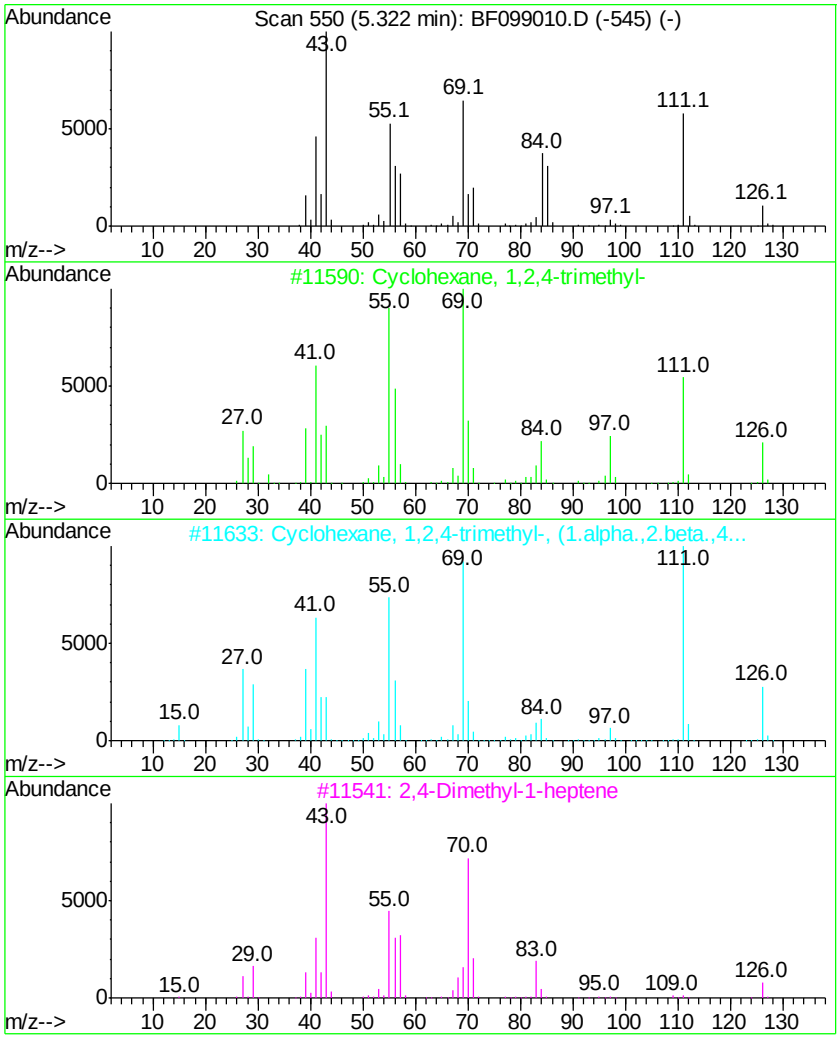
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

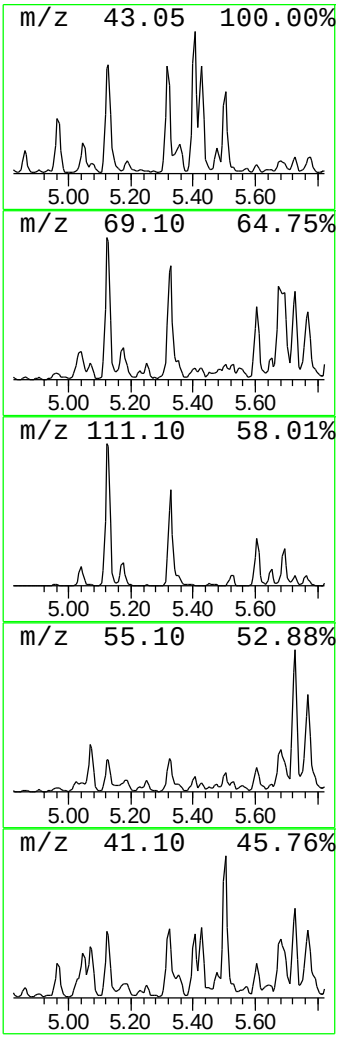
****

Peak Number 3 unknown5.32 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	9.57 ng	1487310	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	46
3	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	38
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	30
5	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099010.D
Acq On : 2 Oct 2017 20:06
Operator : SJ/JU
Sample : I5531-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-63A-3-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

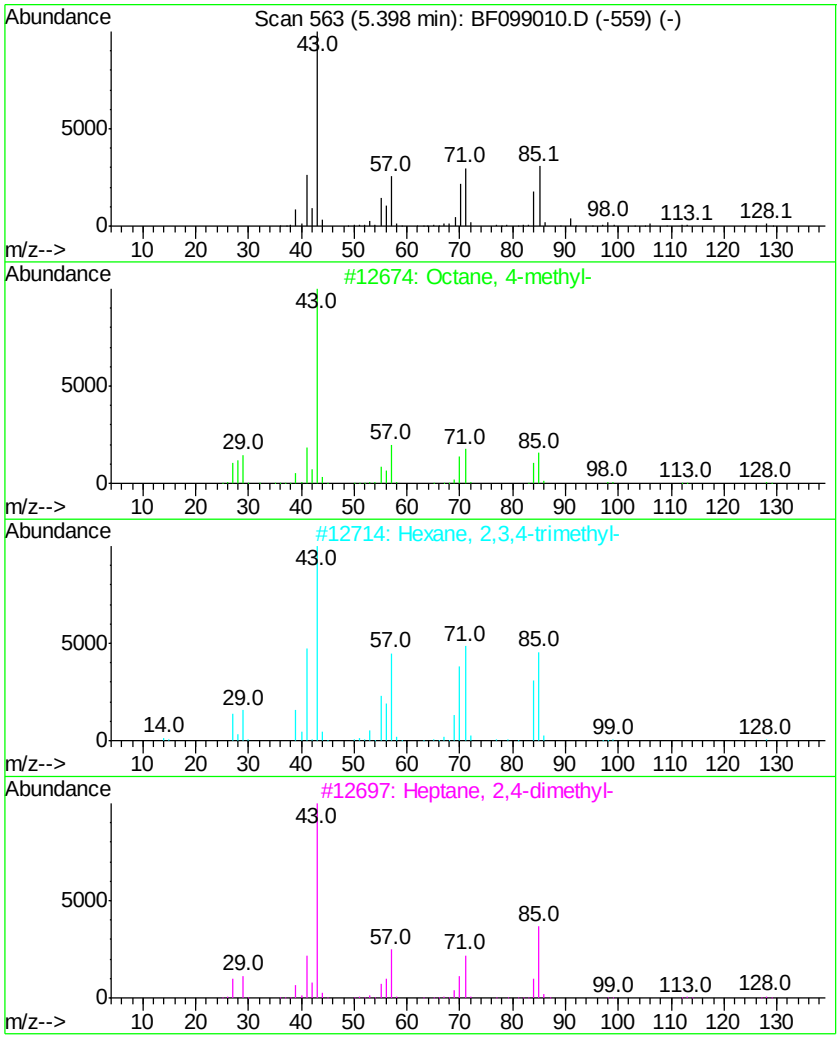
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

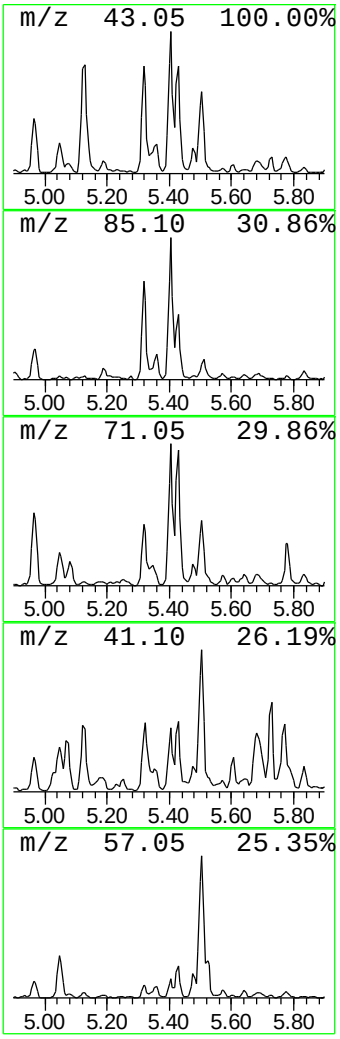
****

Peak Number 4 Octane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	6.99 ng	1086070	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	91
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	90
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	74
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099010.D
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Operator : SJ/JU
Sample : I5531-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-63A-3-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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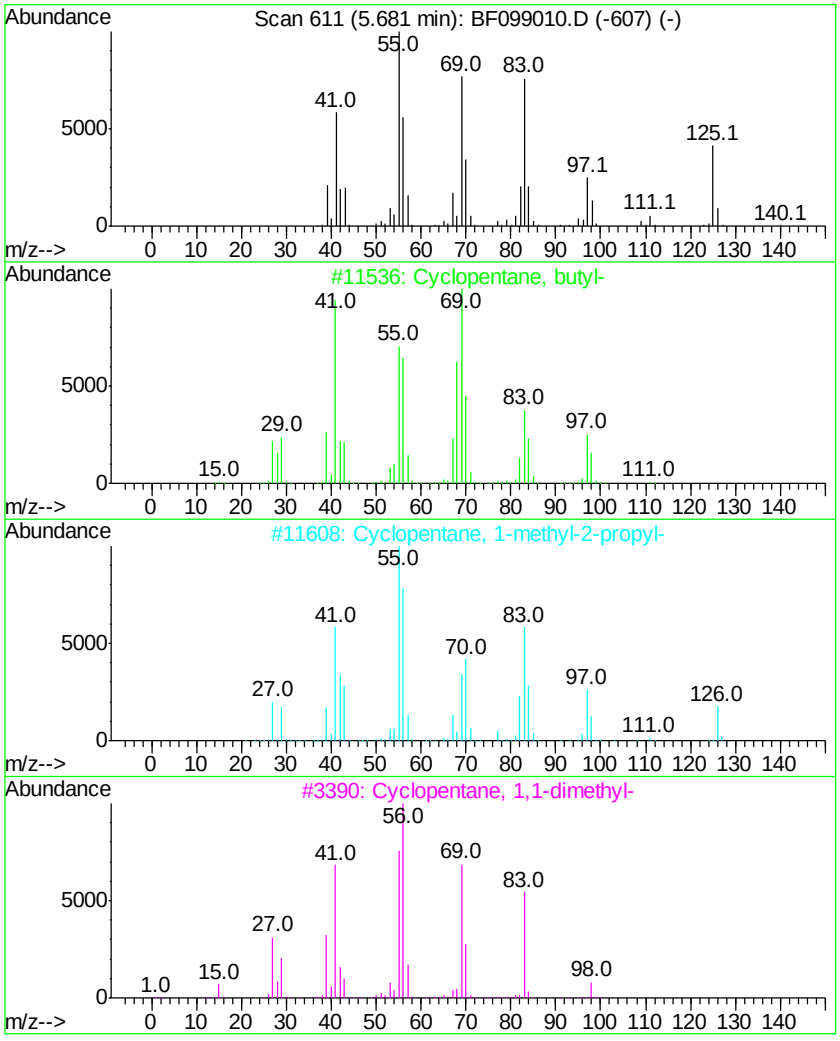
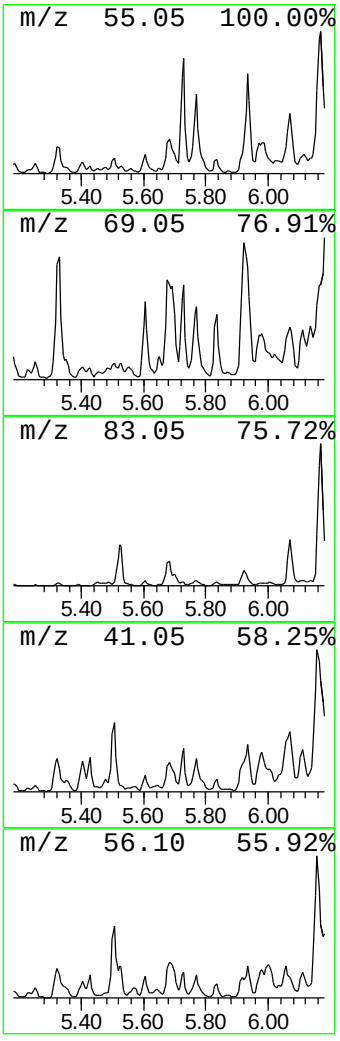
Peak Number 5 Cyclopentane, butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	8.74 ng	1358570	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	52
2	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	50
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	46
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
5	3-Nonene, (E)-	126	C9H18	020063-92-7	43





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Acq On : 2 Oct 2017 20:06
Operator : SJ/JU
Sample : I5531-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-63A-3-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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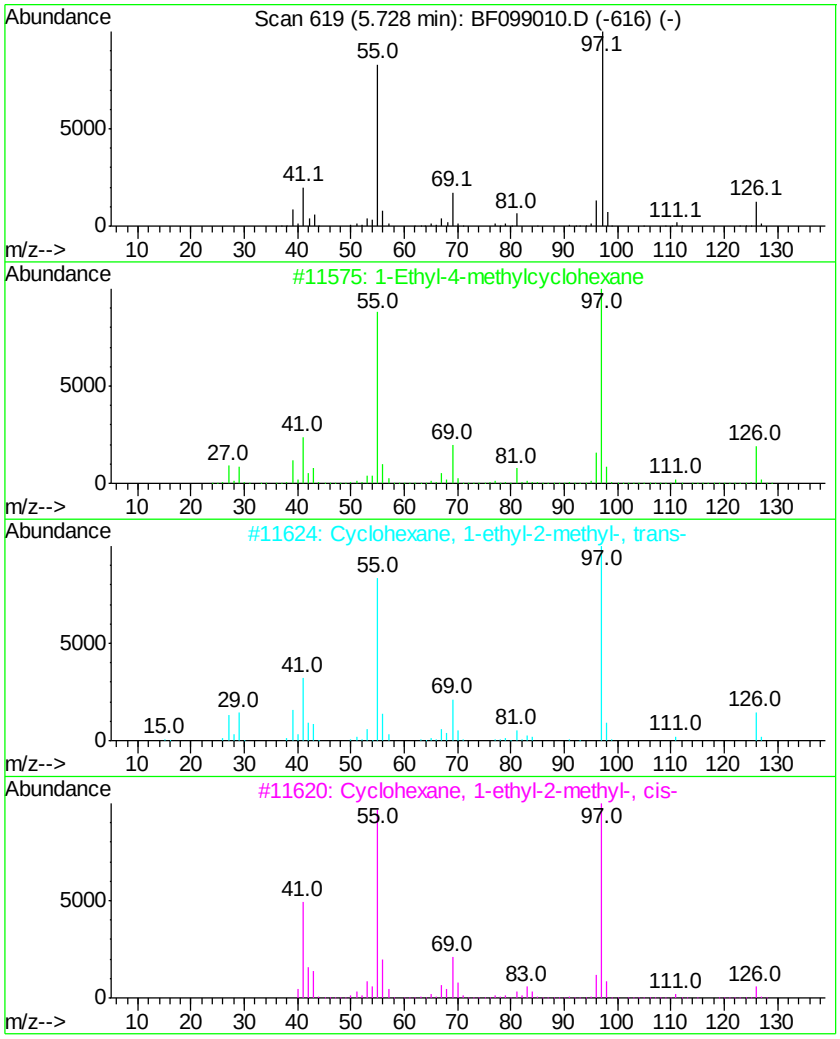
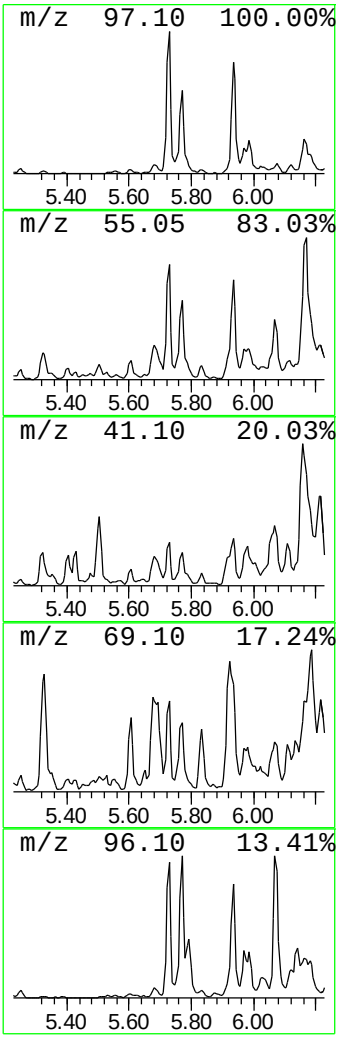
Peak Number 6 1-Ethyl-4-methylcyclohexane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	8.04 ng	1249400	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	86
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	78
4	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	78
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	72





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Data File : BF099010.D
Acq On : 2 Oct 2017 20:06
Operator : SJ/JU
Sample : I5531-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-63A-3-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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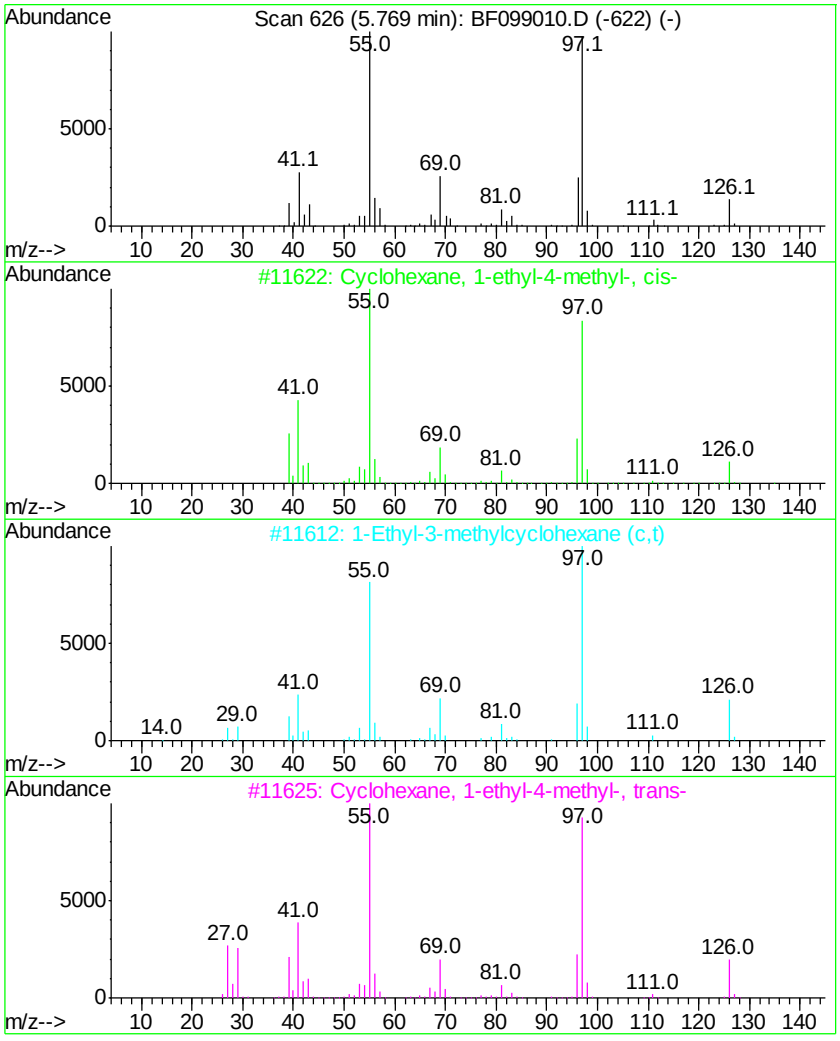
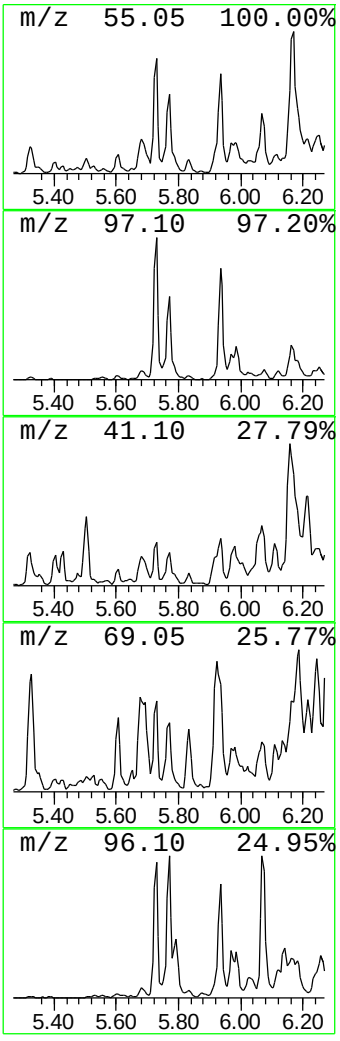
Peak Number 7 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	7.42 ng	1153530	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099010.D
Acq On : 2 Oct 2017 20:06
Operator : SJ/JU
Sample : I5531-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-63A-3-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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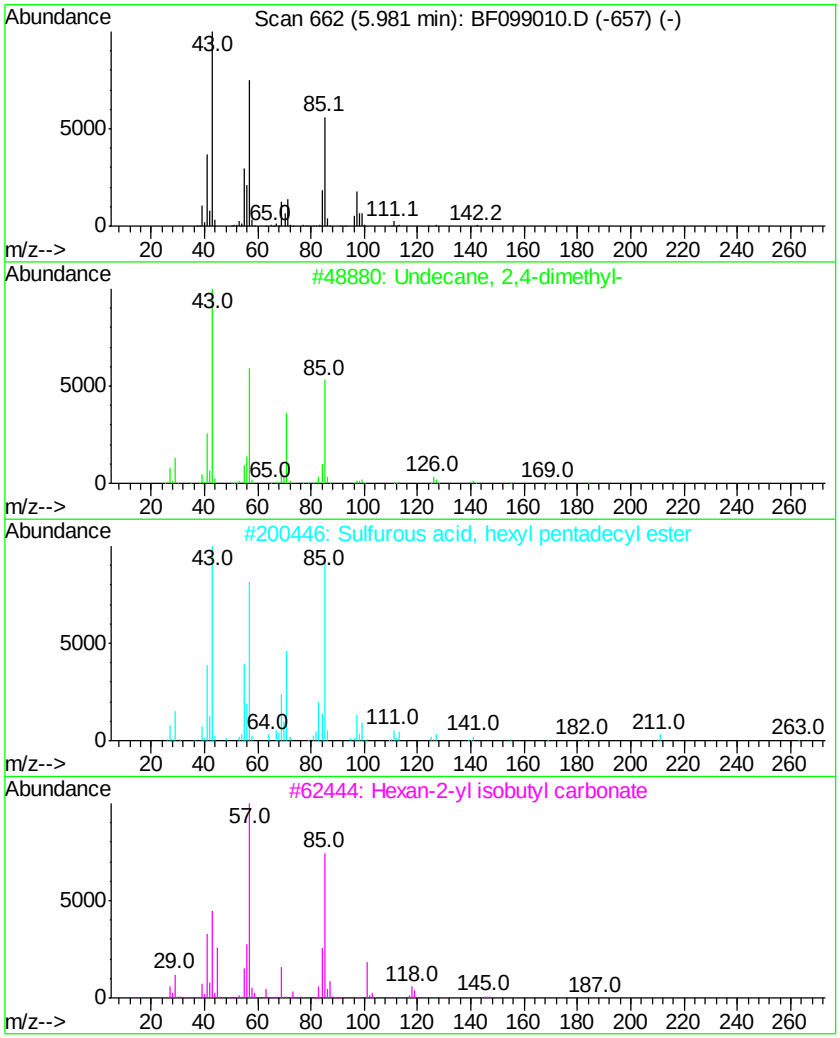
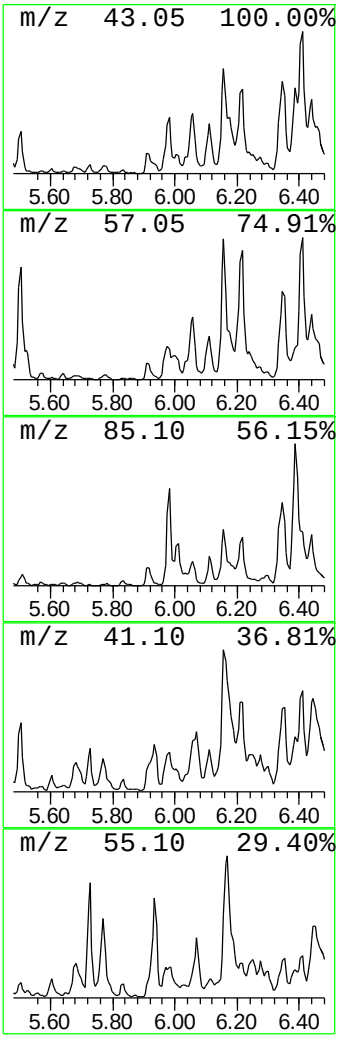
Peak Number 9 Undecane, 2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	12.29 ng	1910360	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
2	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	59
3	Hexan-2-yl isobutyl carbonate	202	C11H22O3	1000372-75-5	53
4	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47
5	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	47





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Sample : I5531-15
Misc :
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Instrument : BNA_F
ClientSampleId : G-63A-3-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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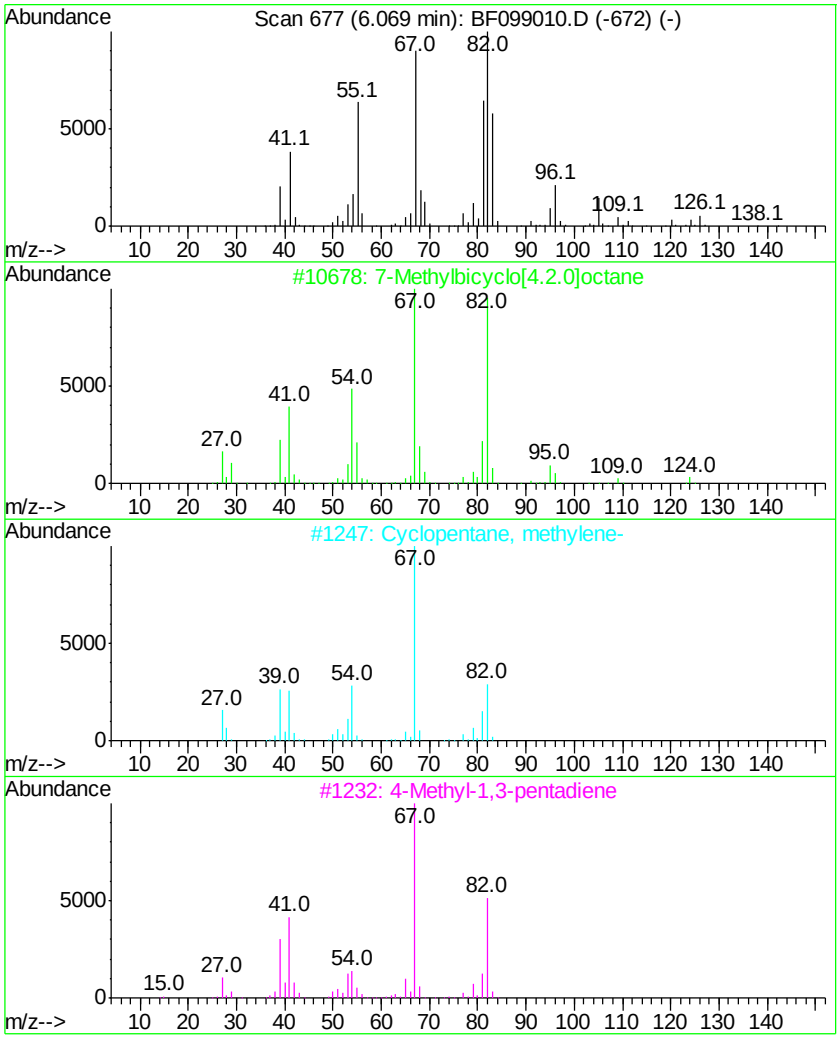
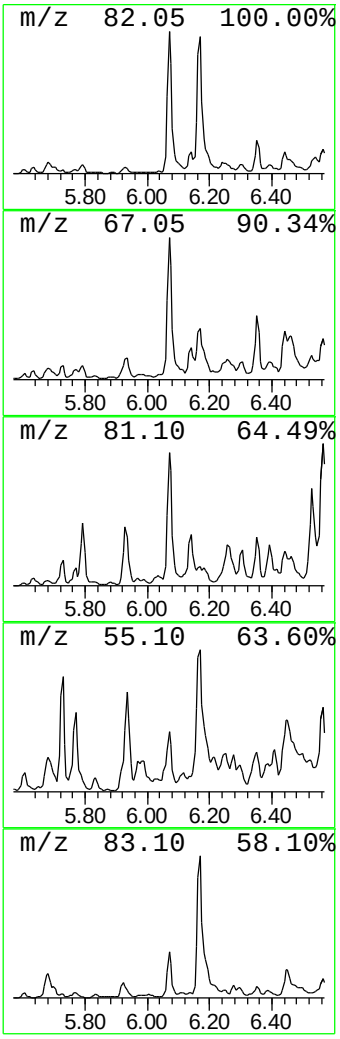
Peak Number 10 7-Methylbicyclo[4.2.0]octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	17.86 ng	2775890	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	58
2	Cyclopentane, methylene-	82	C6H10	001528-30-9	52
3	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	52
4	Carbonic acid, 3-hexenyl methyl ...	158	C8H14O3	067633-96-9	50
5	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	50





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ClientSampleId : G-63A-3-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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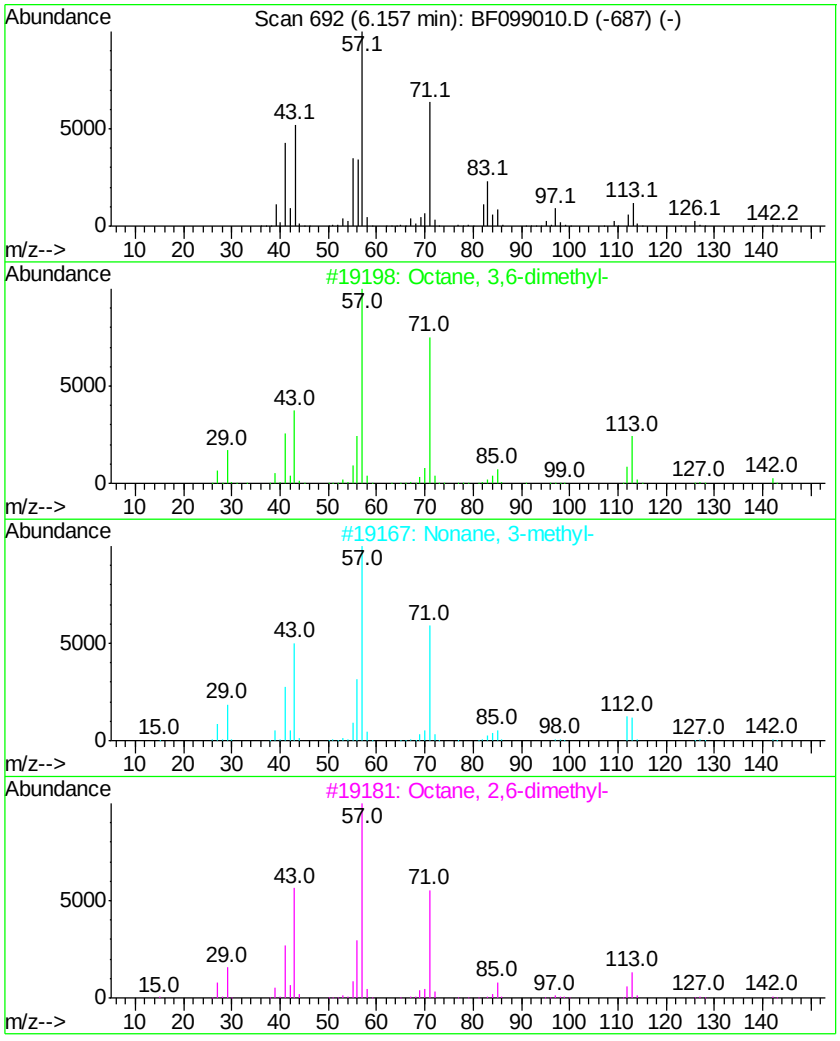
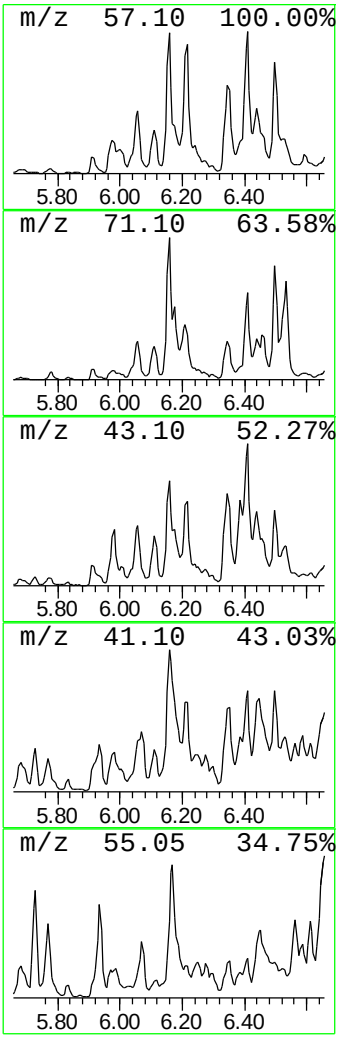
Peak Number 11 Octane, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	48.05 ng	7468980	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	81
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53





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Instrument : BNA_F
ClientSampleId : G-63A-3-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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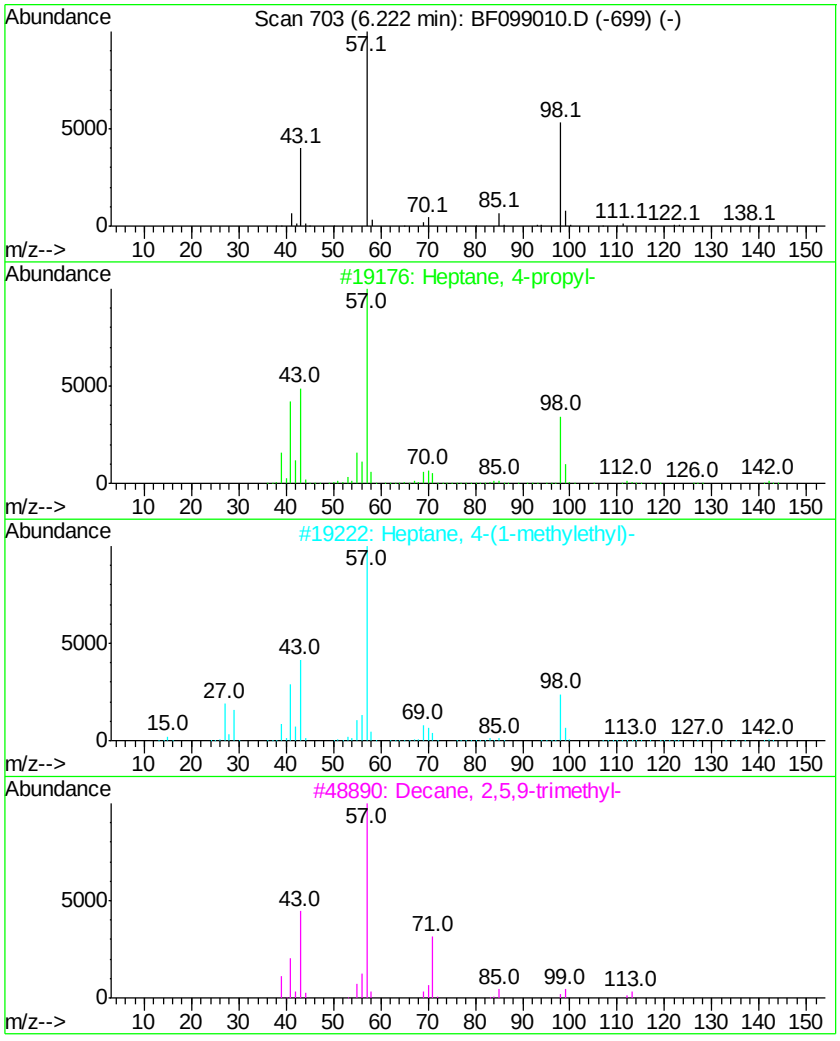
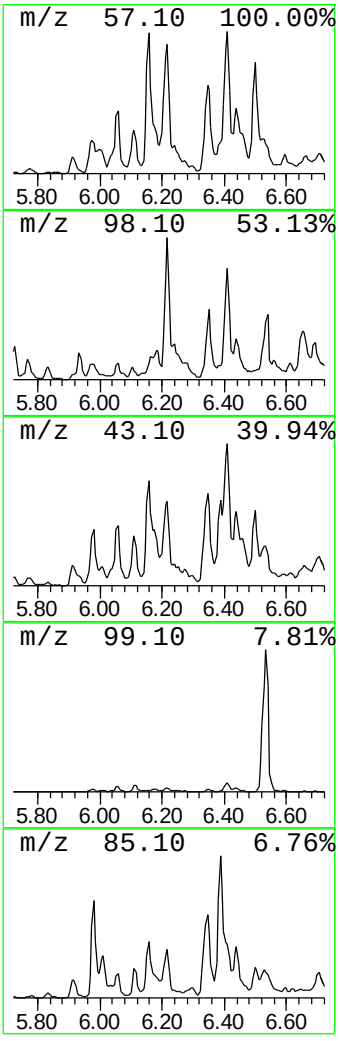
Peak Number 12 Heptane, 4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	10.40 ng	1616540	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-propyl-	142	C10H22	003178-29-8	64
2	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	47
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	47
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	45
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	42





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ClientSampleId : G-63A-3-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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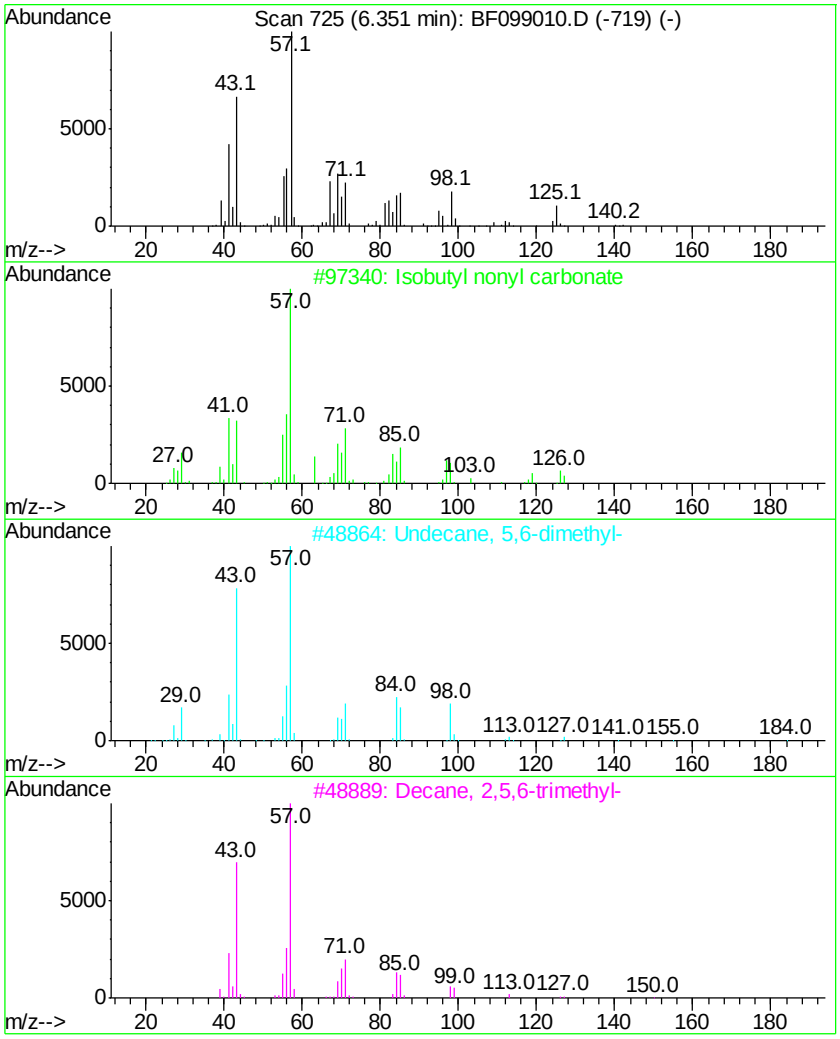
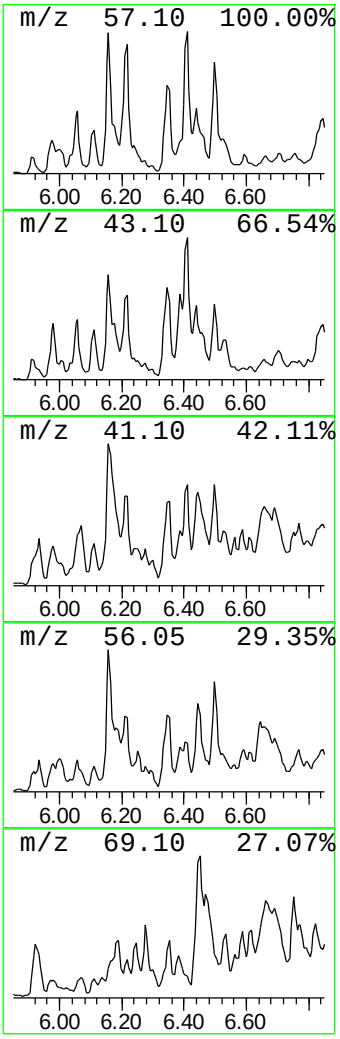
Peak Number 13 Isobutyl nonyl carbonate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	23.38 ng	3634460	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	53
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
5	Decane, 5-methyl-	156	C11H24	013151-35-4	38





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

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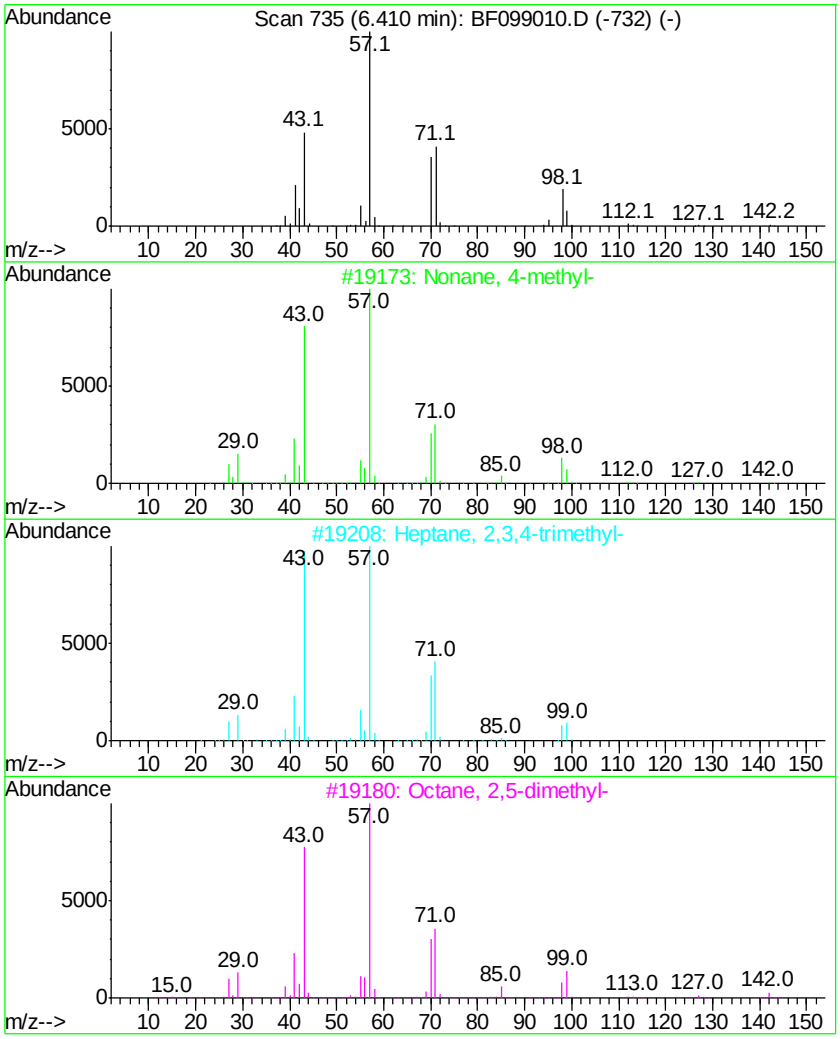
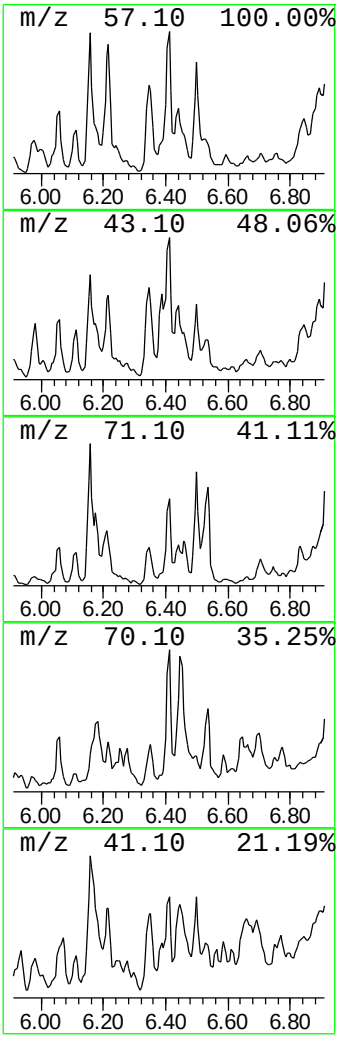
Peak Number 14 Nonane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	13.25 ng	2059830	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	78
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	78
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59





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

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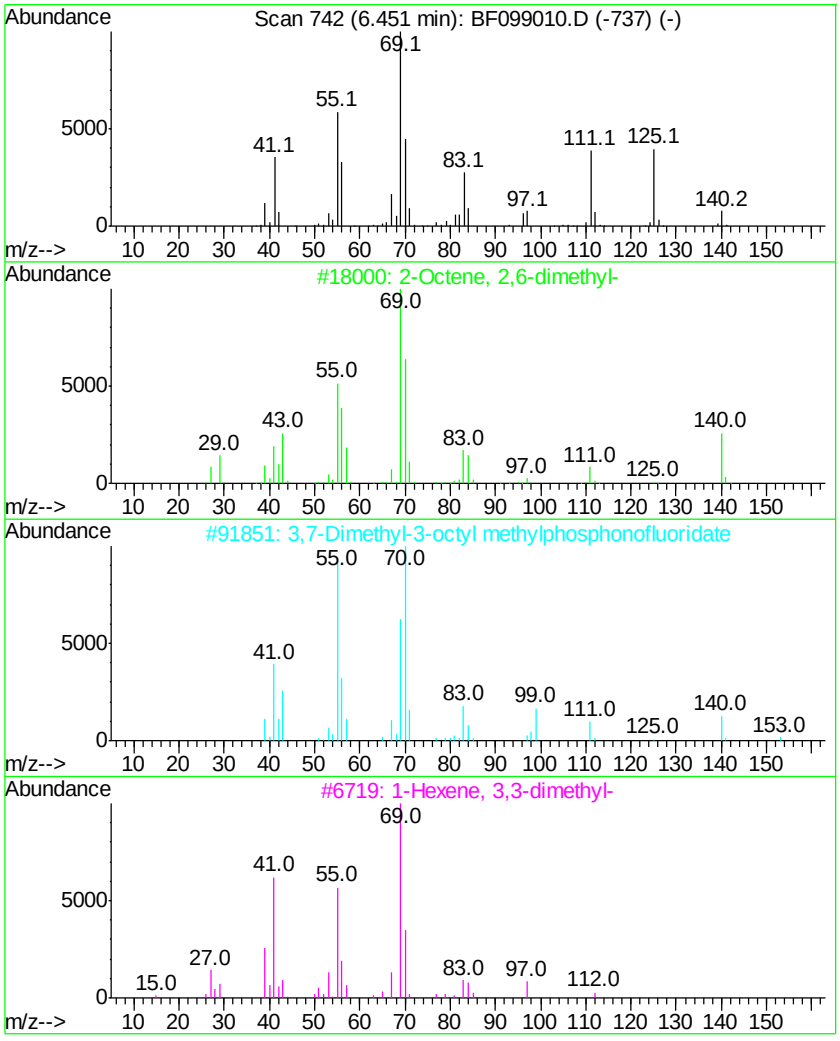
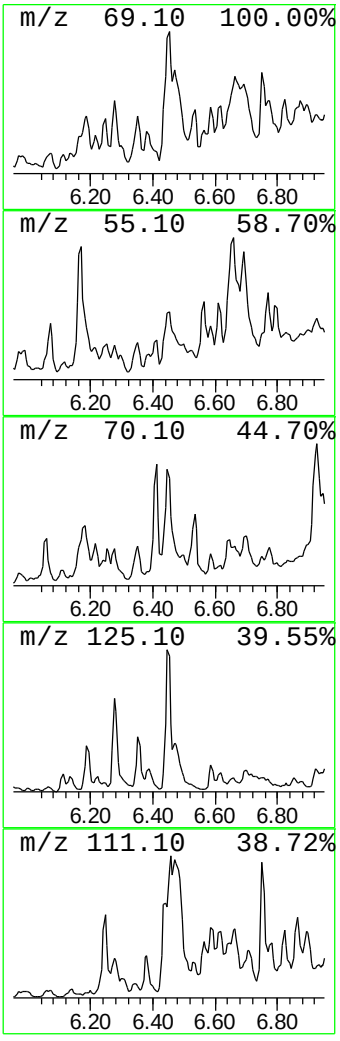
Peak Number 15 2-Octene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	23.91 ng	3717310	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
2	3,7-Dimethyl-3-octyl methylphosp...	238	C11H24FO2P	159395-79-6	47
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
4	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43
5	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	35





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

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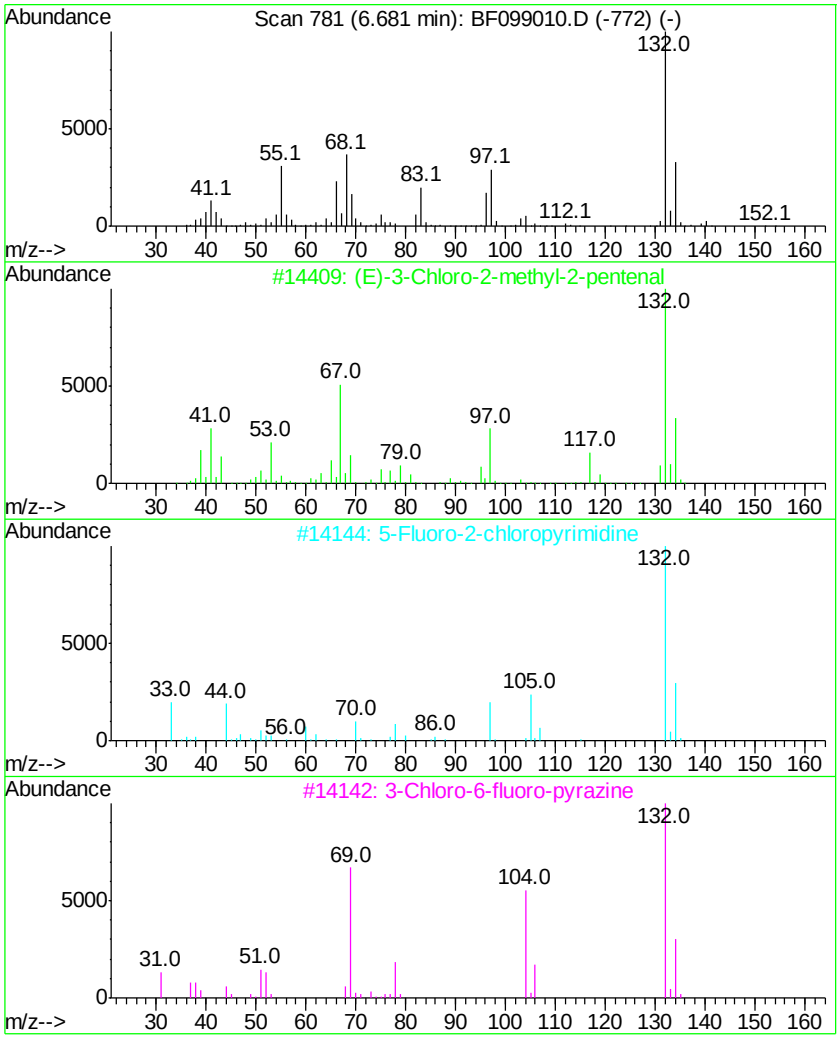
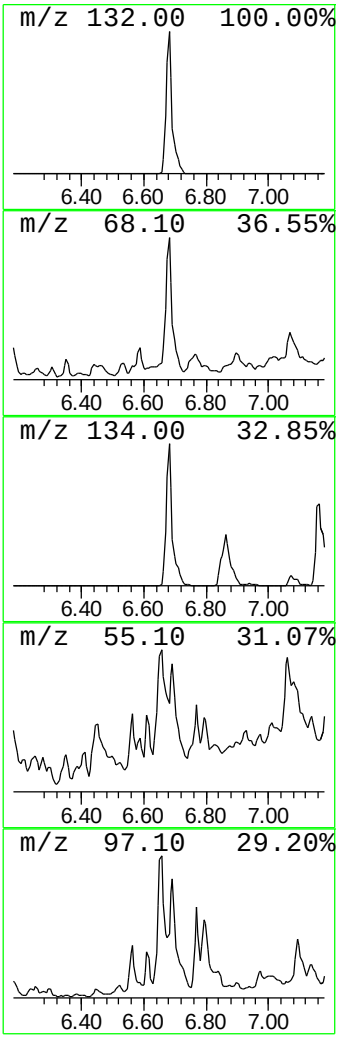
Peak Number 16 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	56.12 ng	8723930	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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TIC Library : C:\DATABASE\NIST11.L
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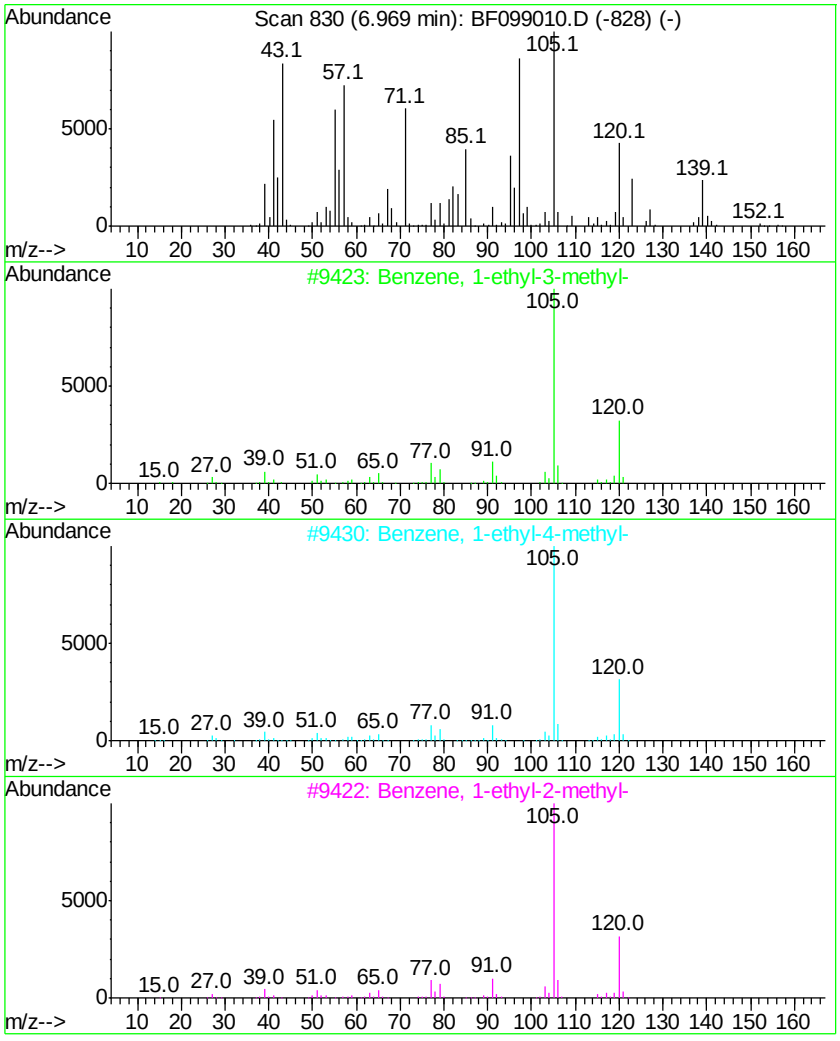
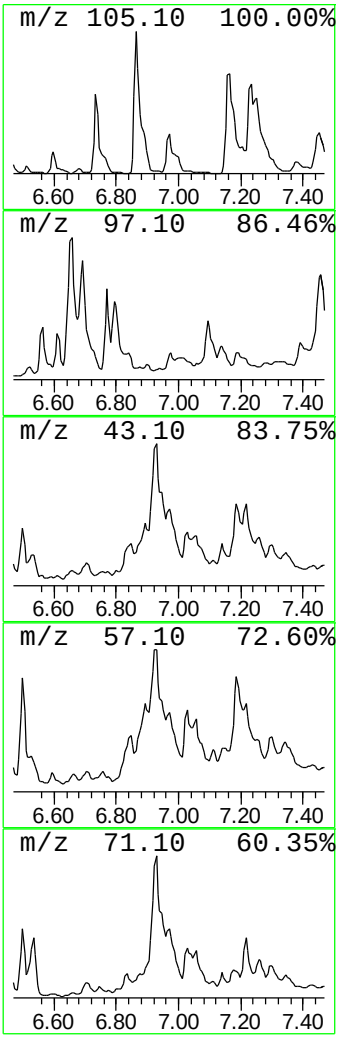
Peak Number 17 unknown6.97 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	6.05 ng	940271	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	44
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	25
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	25
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	25
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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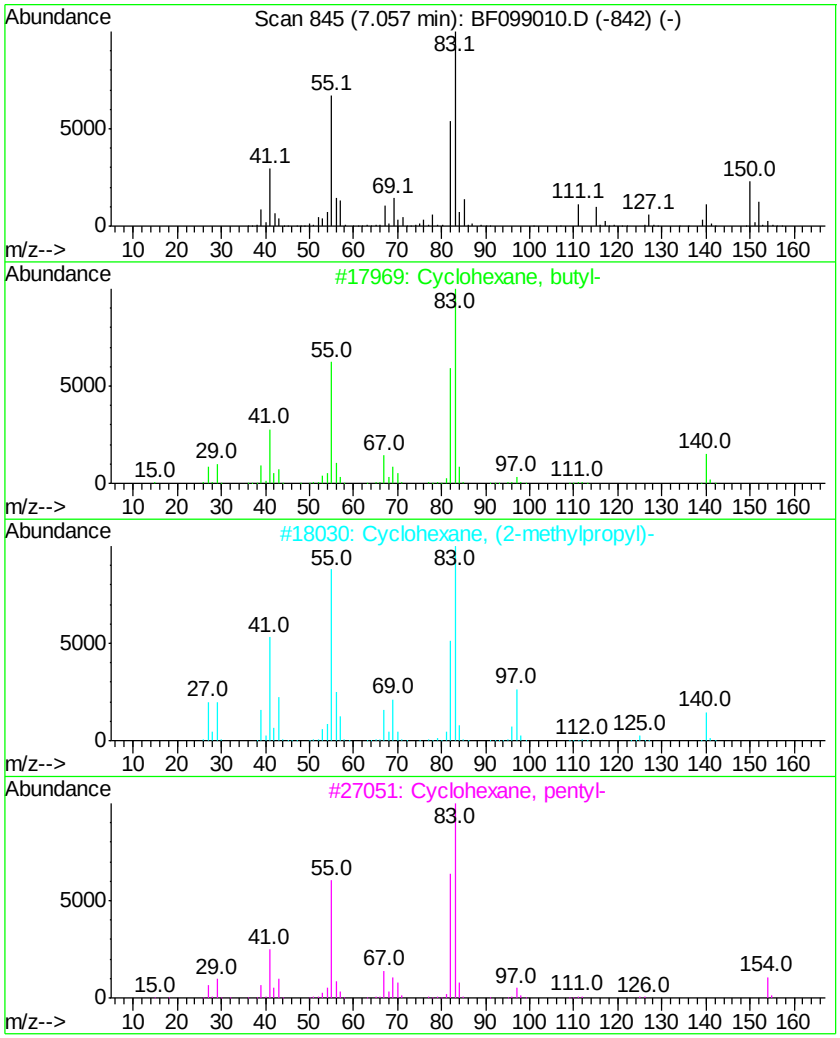
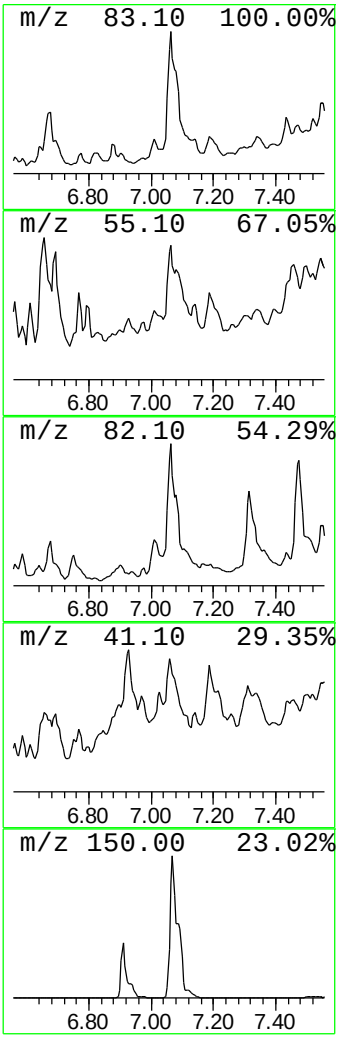
Peak Number 18 Cyclohexane, butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	22.32 ng	3469150	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	55
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	46
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	38





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

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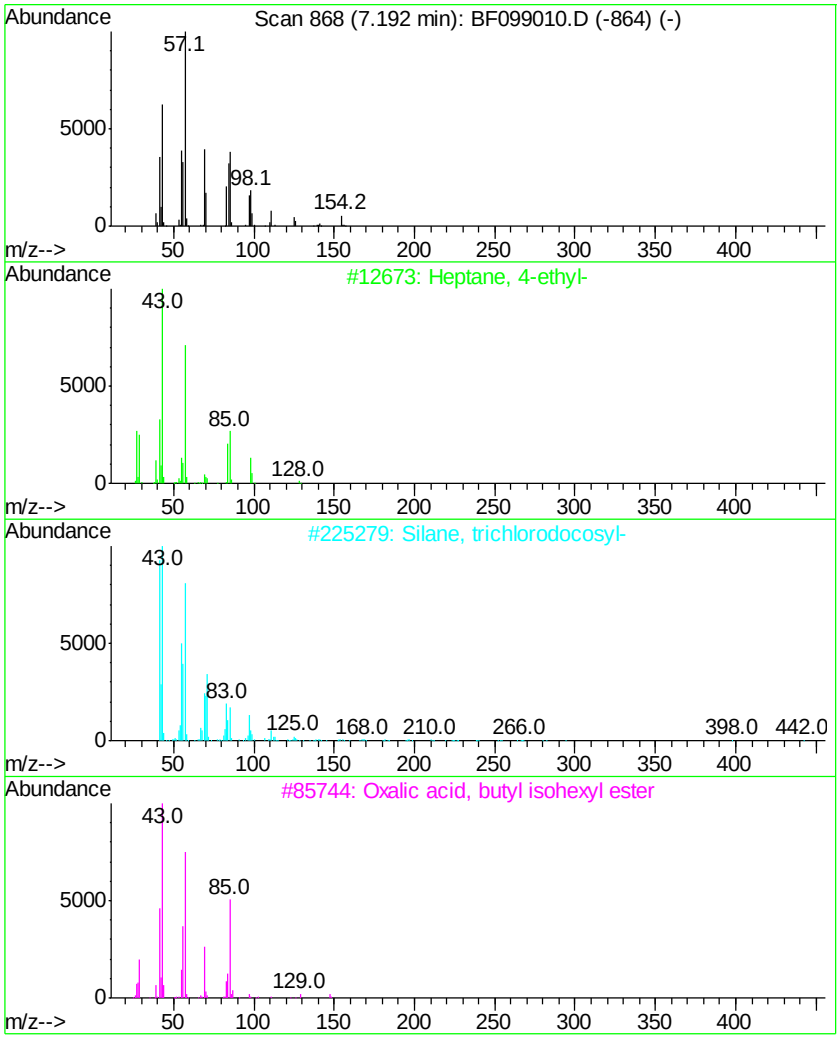
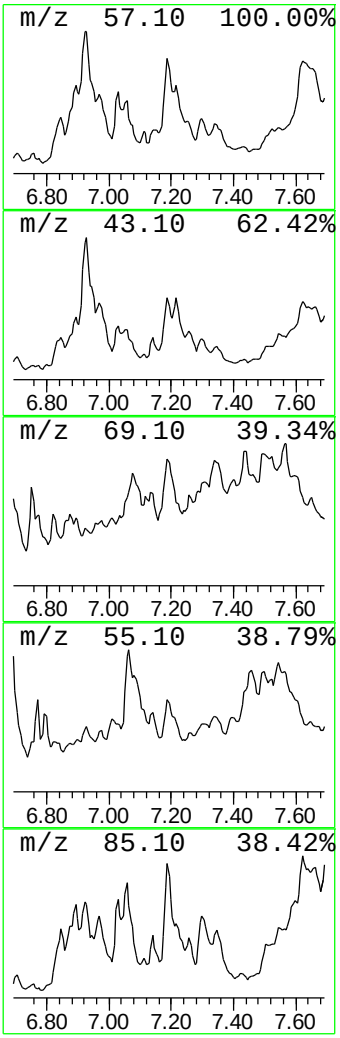
Peak Number 19 Heptane, 4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	12.10 ng	1880520	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	52
2	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	47
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	47
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47
5	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	47





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

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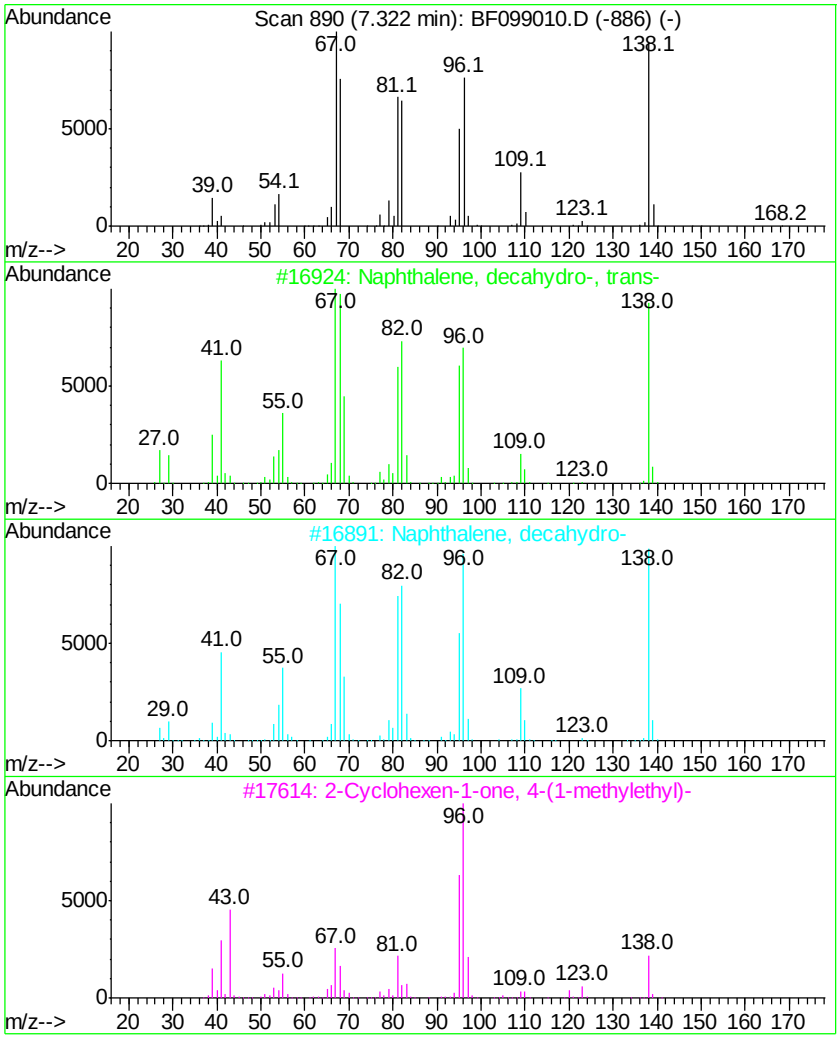
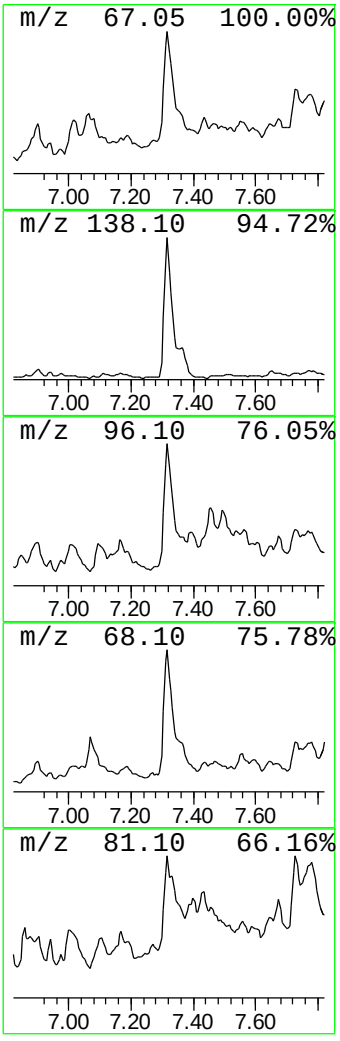
Peak Number 20 Naphthalene, decahydro-, tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	7.31 ng	1136960	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	2-Cyclohexen-1-one, 4-(1-methyle...	138	C9H14O	000500-02-7	80
4	Spiro[4.5]decane	138	C10H18	000176-63-6	74
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099010.D
Acq On : 2 Oct 2017 20:06
Operator : SJ/JU
Sample : I5531-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-63A-3-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane, 2,5-dime...	5.05	5.5	ng	849278	1	6.91	3108970	20.0
Cyclohexane, 1,1,...	5.12	10.0	ng	1549420	1	6.91	3108970	20.0
unknown5.32	5.32	9.6	ng	1487310	1	6.91	3108970	20.0
Octane, 4-methyl-	5.40	7.0	ng	1086070	1	6.91	3108970	20.0
Cyclopentane, butyl-	5.68	8.7	ng	1358570	1	6.91	3108970	20.0
1-Ethyl-4-methylc...	5.73	8.0	ng	1249400	1	6.91	3108970	20.0
Cyclohexane, 1-et...	5.77	7.4	ng	1153530	1	6.91	3108970	20.0
Undecane, 2,4-dim...	5.98	12.3	ng	1910360	1	6.91	3108970	20.0
7-Methylbicyclo[4...	6.07	17.9	ng	2775890	1	6.91	3108970	20.0
Octane, 3,6-dimet...	6.16	48.0	ng	7468980	1	6.91	3108970	20.0
Heptane, 4-propyl-	6.22	10.4	ng	1616540	1	6.91	3108970	20.0
Isobutyl nonyl ca...	6.35	23.4	ng	3634460	1	6.91	3108970	20.0
Nonane, 4-methyl-	6.41	13.3	ng	2059830	1	6.91	3108970	20.0
2-Octene, 2,6-dim...	6.45	23.9	ng	3717310	1	6.91	3108970	20.0
unknown6.68	6.68	56.1	ng	8723930	1	6.91	3108970	20.0
unknown6.97	6.97	6.0	ng	940271	1	6.91	3108970	20.0
Cyclohexane, butyl-	7.06	22.3	ng	3469150	1	6.91	3108970	20.0
Heptane, 4-ethyl-	7.19	12.1	ng	1880520	1	6.91	3108970	20.0
Naphthalene, deca...	7.32	7.3	ng	1136960	1	6.91	3108970	20.0