LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

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-BF112916.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	5.019	236	239	244	rBV	805894	1336332	10.73%	1.312%
2	5.441	273	276	279	rBV	2726884	3088775	24.79%	3.033%
3	6.482	364	367	369	rBV	2827074	3784372	30.37%	3.716%
4	6.607	375	378	381	rBV	3016560	3130714	25.13%	3.074%
5	6.836	396	398	401	rVB	775435	858123	6.89%	0.843%
6	6.996	409	412	414	rVB	2605498	2434558	19.54%	2.391%
7	7.122	420	423	425	rBV2	107904	169701	1.36%	0.167%
8	7.270	434	436	438	rBV2	72187	153859	1.23%	0.151%
9	7.407	445	448	449	rVB	2066023	2223788	17.85%	2.184%
10	7.430	449	450	454	rVB2	158944	229763	1.84%	0.226%
11	7.499	454	456	459	rBV4	75355	146986	1.18%	0.144%
12	7.544	459	460	463	rBV3	112300	191275	1.54%	0.188%
13	7.624	463	467	469	rBV3	123707	252747	2.03%	0.248%
14	7.716	473	475	479	rBV4	173637	423025	3.40%	0.415%
15	7.785	479	481	484	rVB	185231	359401	2.88%	0.353%
16	7.899	484	491	492	rBV3	356284	1101620	8.84%	1.082%
17	7.967	495	497	498	rBV2	130329	245051	1.97%	0.241%
18	8.025	498	502	503	rBV3	246462	558326	4.48%	0.548%
19	8.127	508	511	514	rBV	1546527	1869838	15.01%	1.836%
20	8.185	514	516	517	rBV	391374	546523	4.39%	0.537%
21	8.219	517	519	522	rBV2	796066	1371784	11.01%	1.347%
22	8.310	522	527	528	rBV4	577344	1760301	14.13%	1.729%
23	8.345	528	530	531	rBV	1900150	1592405	12.78%	1.564%
24	8.425	533	537	539	rBV3	1089732	2503768	20.09%	2.459%
25	8.505	541	544	545	rBV	940640	1564172	12.55%	1.536%
26	8.585	549	551	555	rBV3	1802660	2692870	21.61%	2.644%
27	8.642	555	556	557	rBV	843191	678731	5.45%	0.667%
28	8.687	557	560	562	rVV	3767571	4103560	32.93%	4.030%
29	8.813	568	571	572	rBV3	779570	1682502	13.50%	1.652%
30	8.893	575	578	579	rBV2	2077425	3037680	24.38%	2.983%
31	8.927	579	581	584	rVV3	1278472	2255798	18.10%	2.215%
32	9.030	588	590	592	rBV2	1053446	1535886	12.33%	1.508%
33	9.145	597	600	601	rBV	3328548	3952303	31.72%	3.881%
34	9.225	604	607	610	rBV	2900935	4866471	39.06%	4.779%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.316	611	615	617	rBV2	7108039	12459681	100.00%	12.236%
36	9.362	617	619	622	rVV3	1065037	2155253	17.30%	2.117%
37	9.625	639	642	645	rBV2	4024945	6614076	53.08%	6.495%
38	9.796	654	657	658	rBV2	3053712	5749427	46.14%	5.646%
39	9.830	658	660	662	rVB2	4035860	6206256	49.81%	6.095%
40	9.910	664	667	669	rVB3	2572326	5064538	40.65%	4.974%
41	10.333	702	704	705	rVB	1702400	1691326	13.57%	1.661%
42	12.974	933	935	939	rVB	2018142	2315104	18.58%	2.274%
43	14.002	1023	1025	1030	rVB	775170	1198910	9.62%	1.177%
44	14.299	1049	1051	1054	rVB2	351692	468543	3.76%	0.460%
45	15.420	1146	1149	1152	rVB	758986	893585	7.17%	0.878%
46	16.254	1219	1222	1226	rVB4	76224	149699	1.20%	0.147%
47	16.574	1248	1250	1258	rVB7	55630	159853	1.28%	0.157%

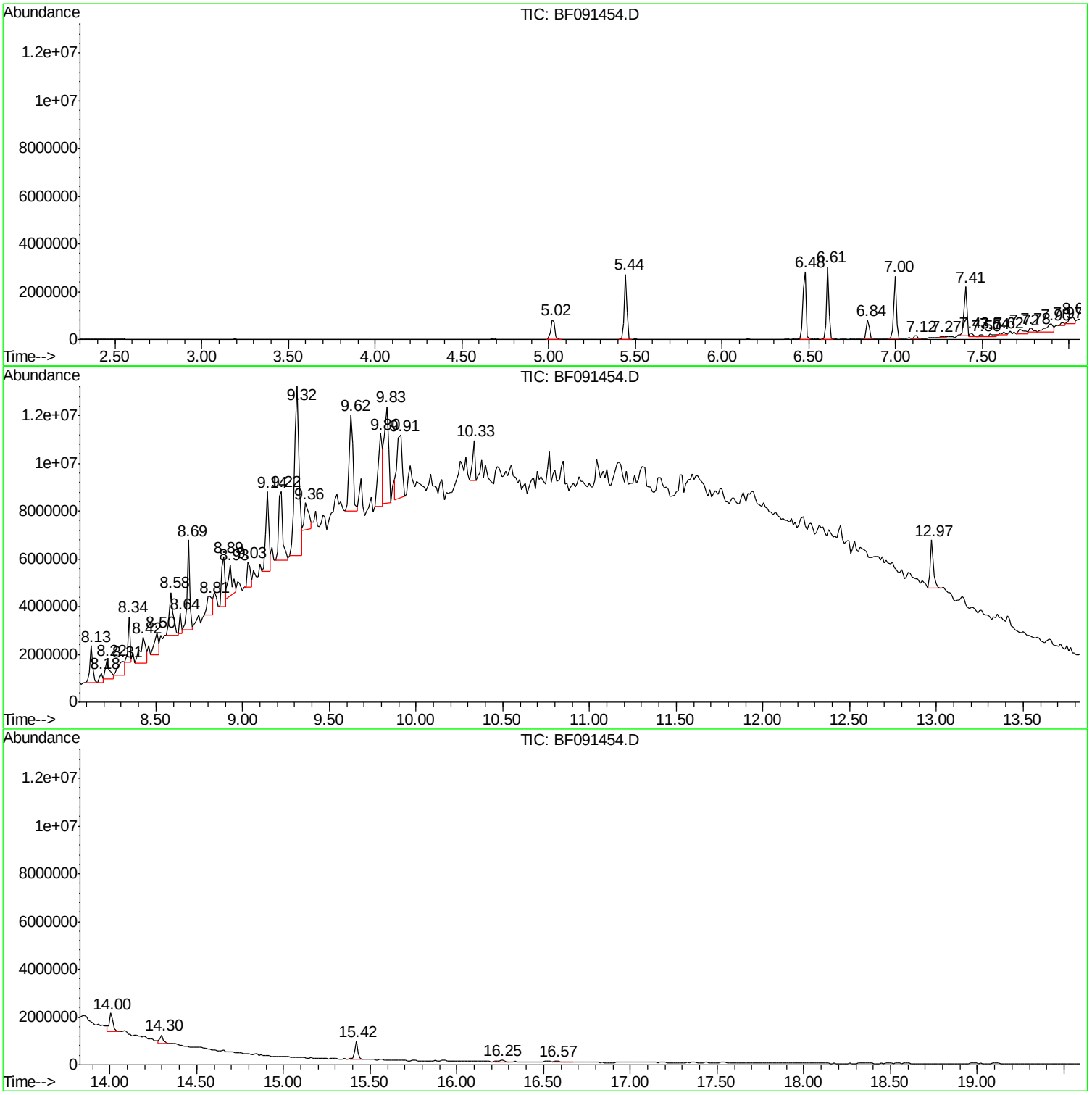
Sum of corrected areas: 101829259

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

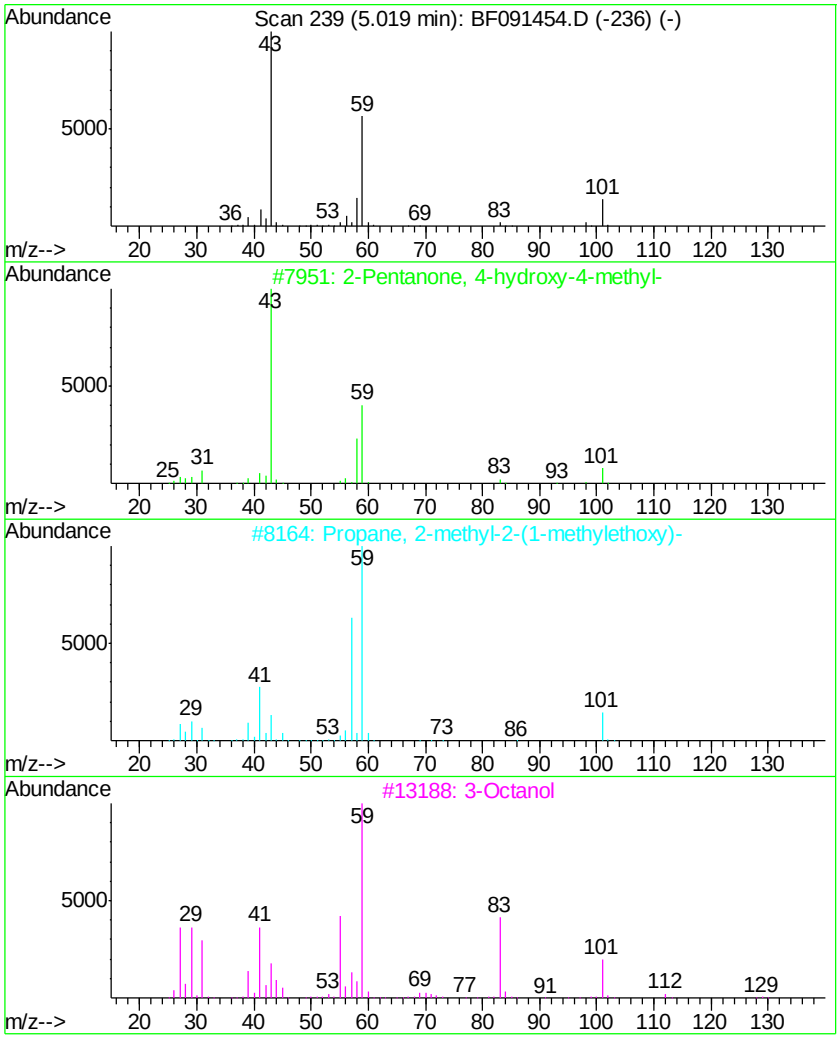
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

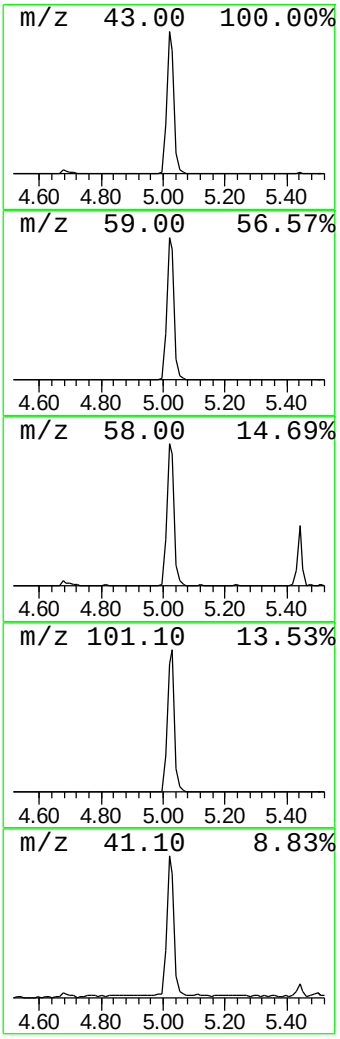
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	31.15 ng	1336330	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	33





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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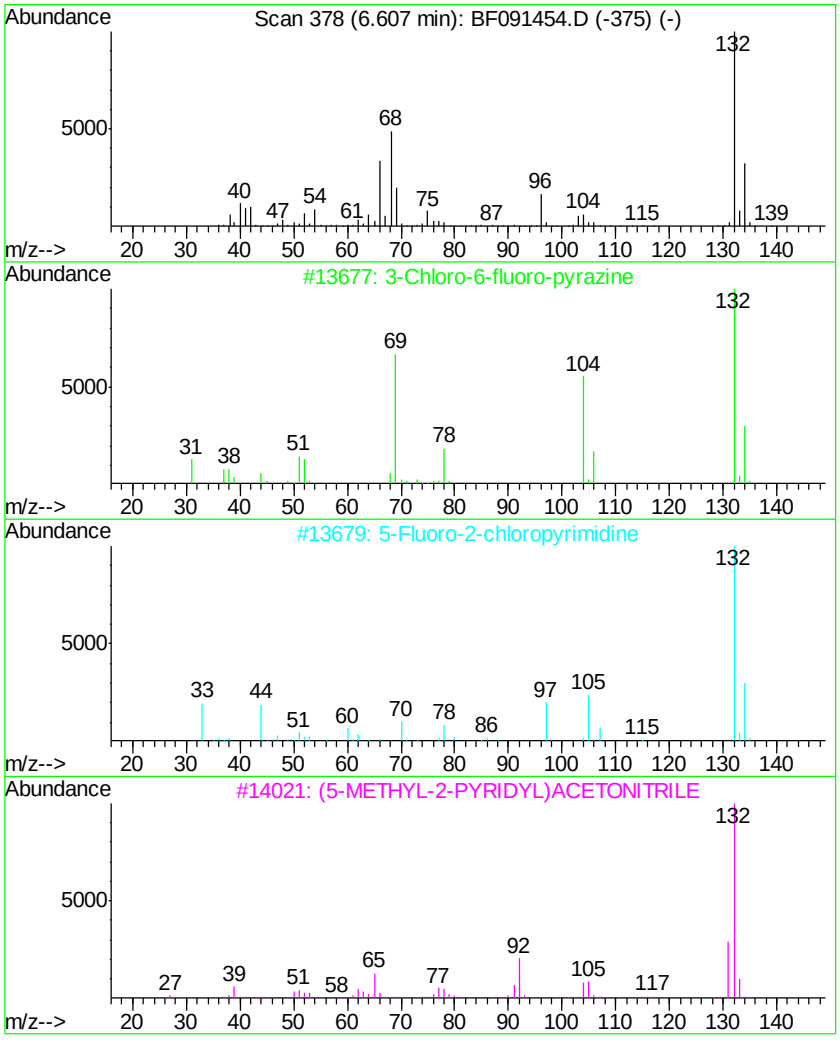
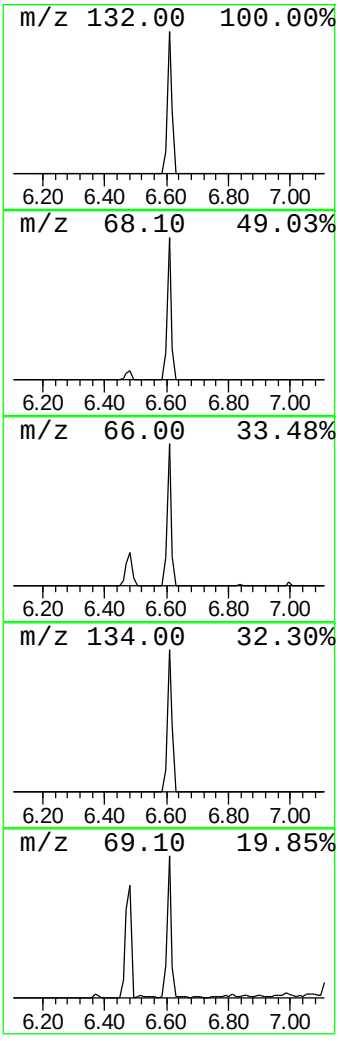
Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	72.97 ng	3130710	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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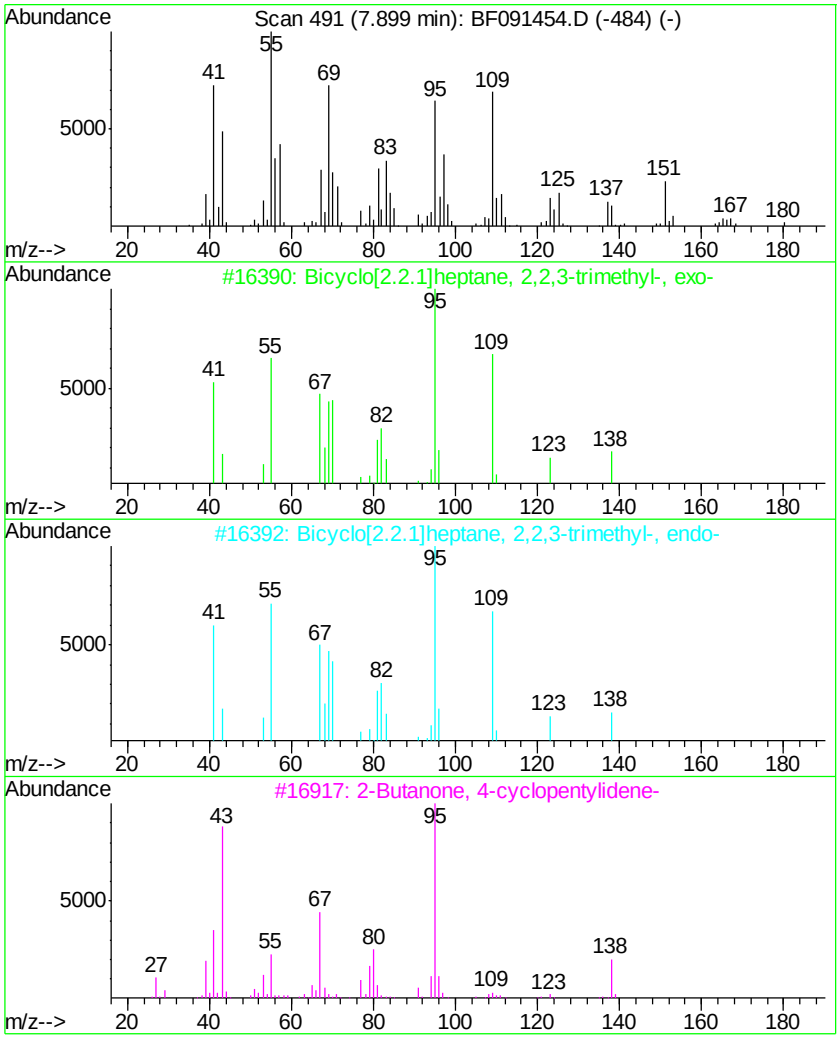
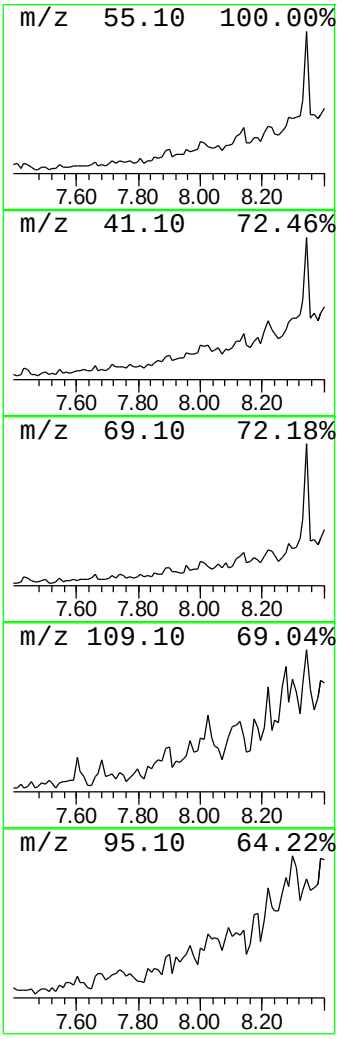
Peak Number 4 unknown7.90 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	11.78 ng	1101620	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	49
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	49
3	2-Butanone, 4-cyclopentylidene-	138	C9H14O	051004-21-8	35
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	25
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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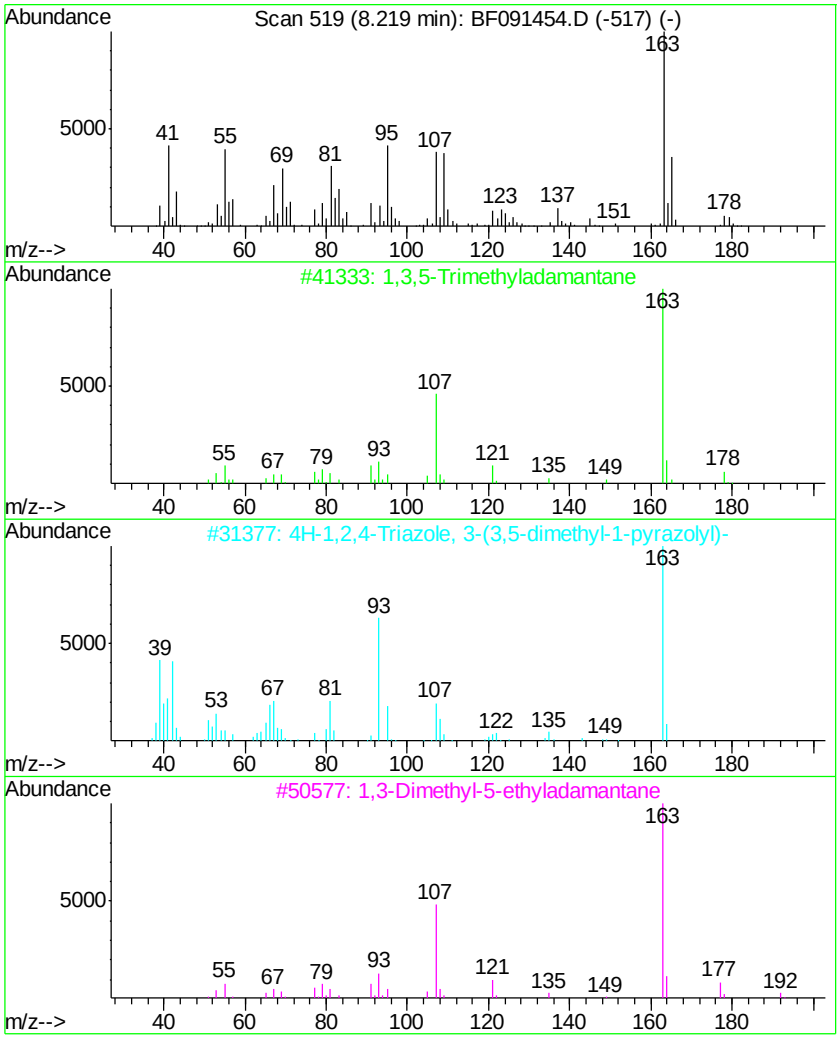
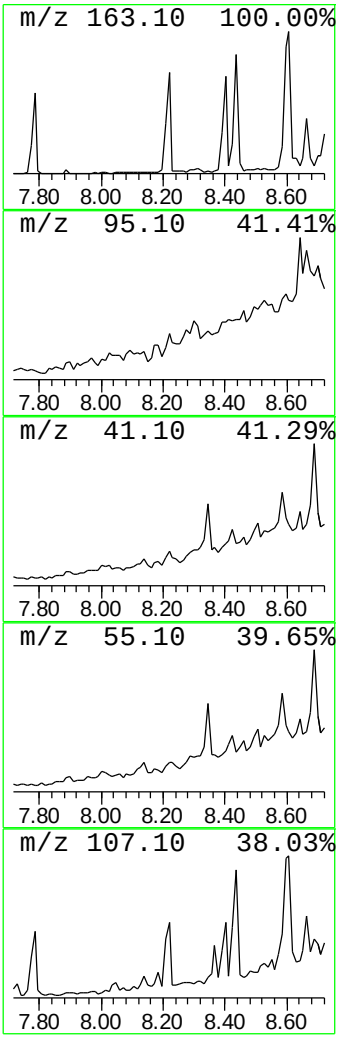
Peak Number 5 unknown8.22 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	14.67 ng	1371780	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	46
2	4H-1,2,4-Triazole, 3-(3,5-dimeth...	163	C7H9N5	003310-78-9	37
3	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	35
4	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	35
5	1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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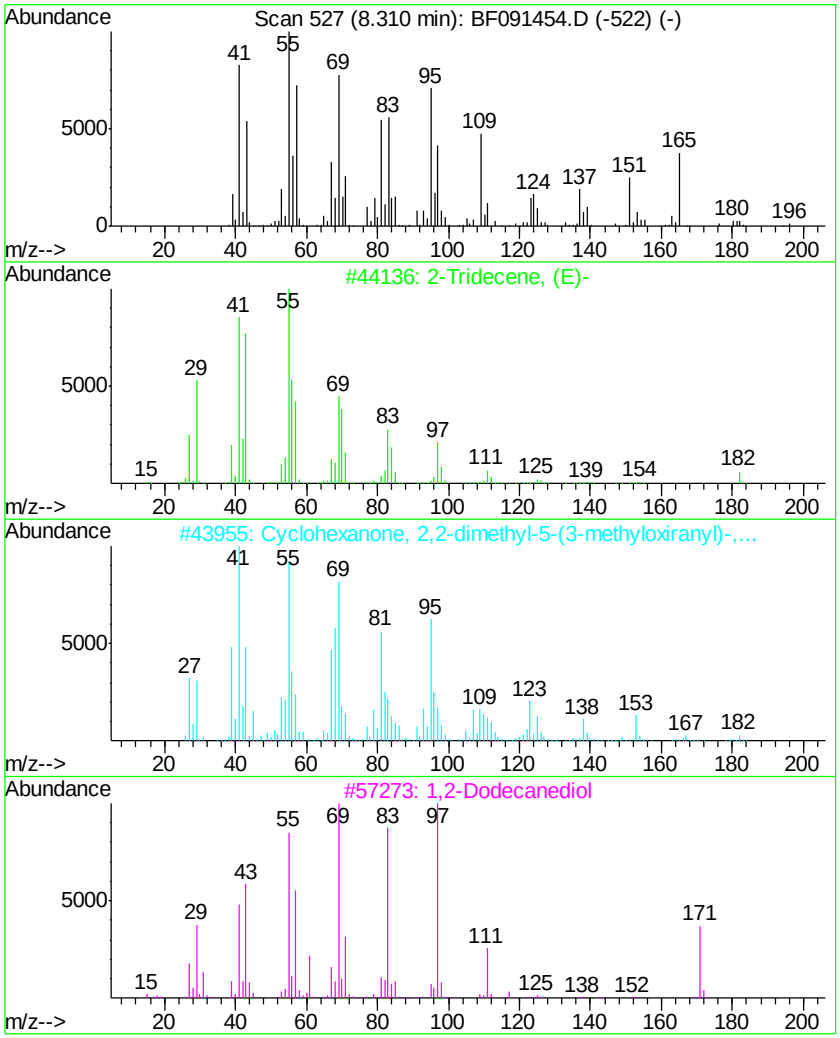
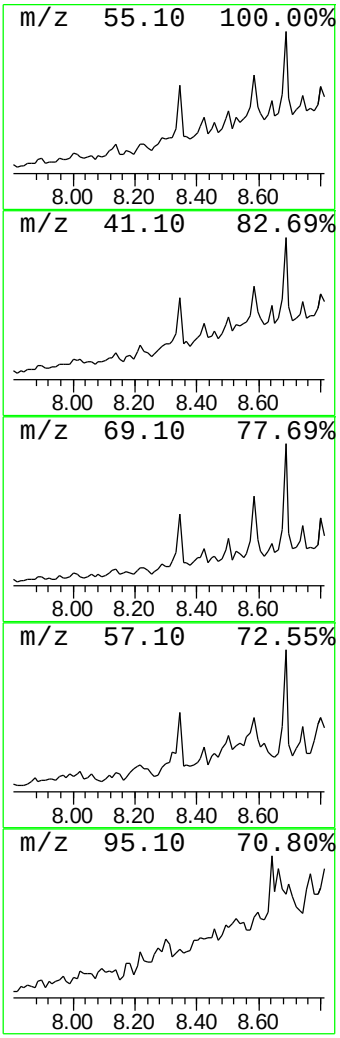
Peak Number 6 unknown8.31 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	18.83 ng	1760300	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tridecene, (E)-	182	C13H26	041446-58-6	43
2	Cyclohexanone, 2,2-dimethyl-5-(3...	182	C11H18O2	141033-65-0	41
3	1,2-Dodecanediol	202	C12H26O2	001119-87-5	38
4	Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	000465-29-2	38
5	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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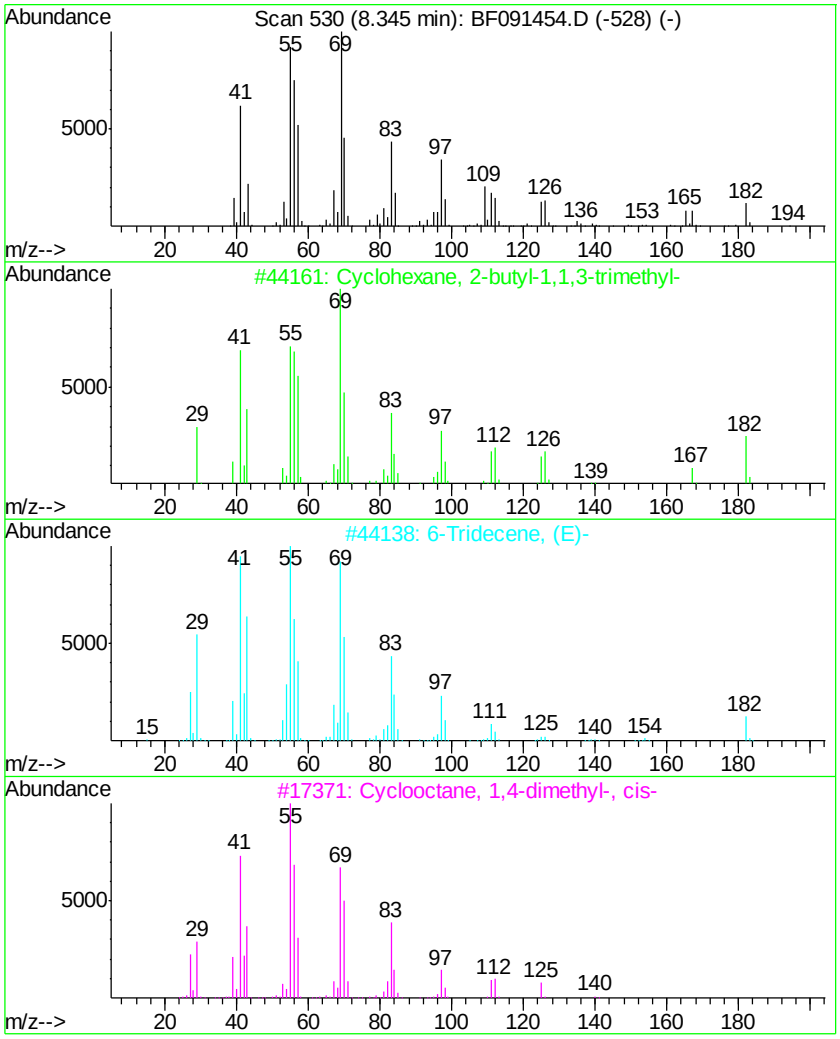
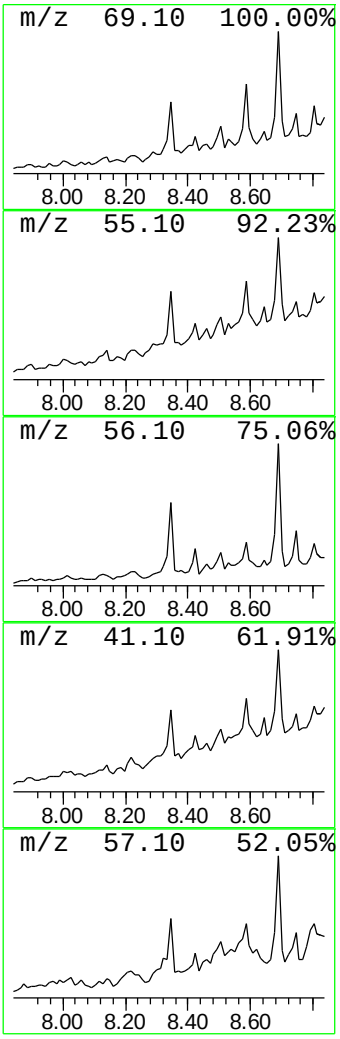
Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	17.03 ng	1592410	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	97
2	6-Tridecene, (E)-	182	C13H26	006434-76-0	83
3	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	60
4	2-Tridecene, (E)-	182	C13H26	041446-58-6	52
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	52





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
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Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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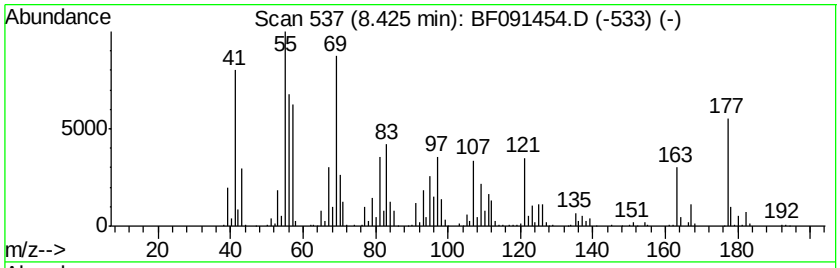
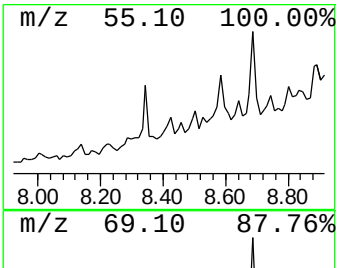
Peak Number 8 unknown8.42 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	26.78 ng	2503770	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	46
2	Cyclopentane, 3-hexyl-1,1-dimethyl-	182	C13H26	061142-65-2	41
3	Cyclohexanepropanol, 2,2-dimethy...	182	C12H22O	095452-04-3	38
4	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	30
5	2-Dodecene, 2-methyl-	182	C13H26	055103-82-7	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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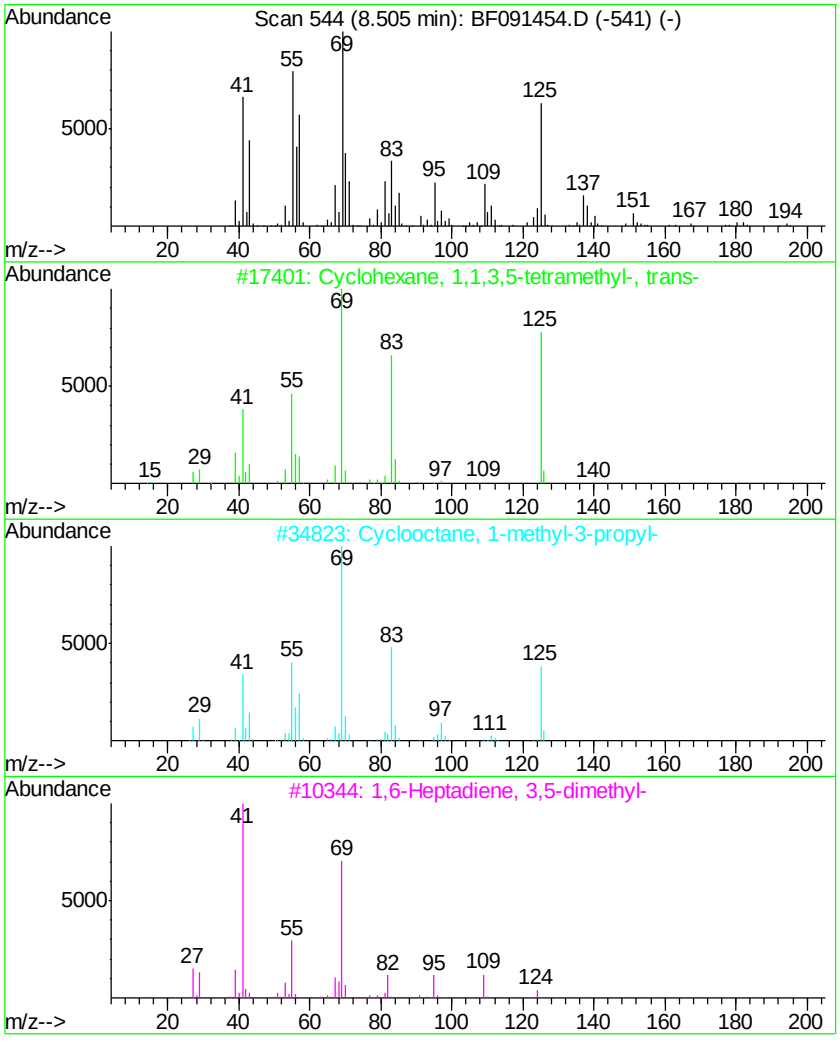
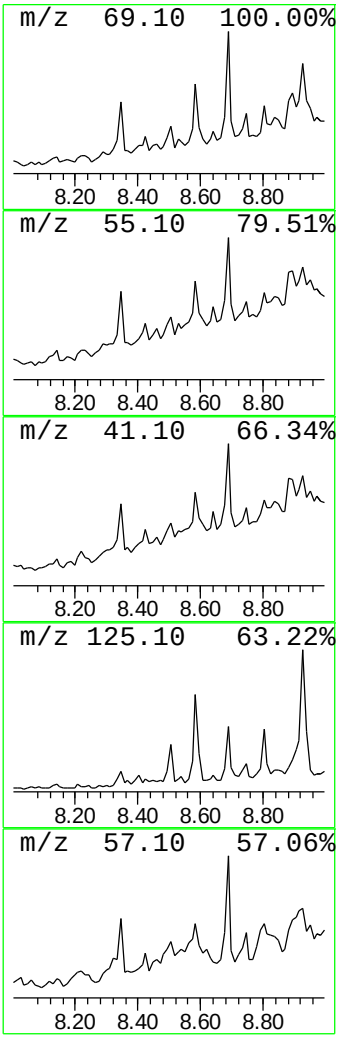
Peak Number 9 unknown8.50 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	16.73 ng	1564170	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	35
3	1,6-Heptadiene, 3,5-dimethyl-	124	C9H16	068701-99-5	35
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
5	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	30





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Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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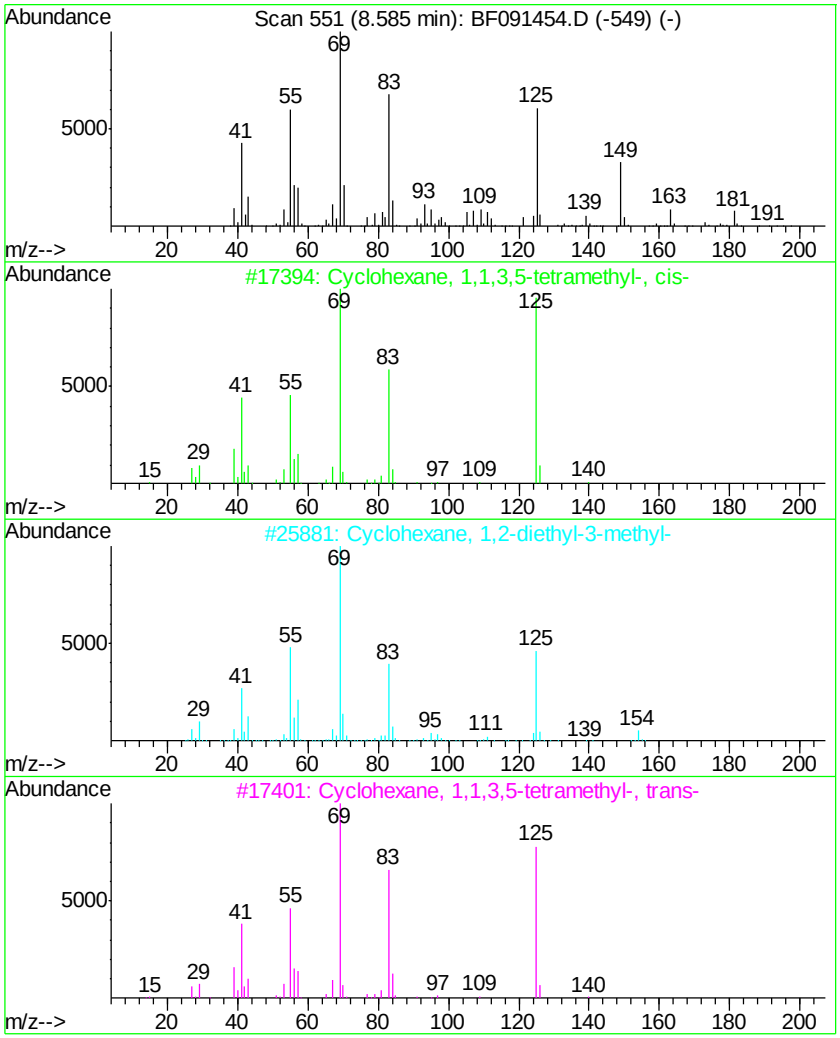
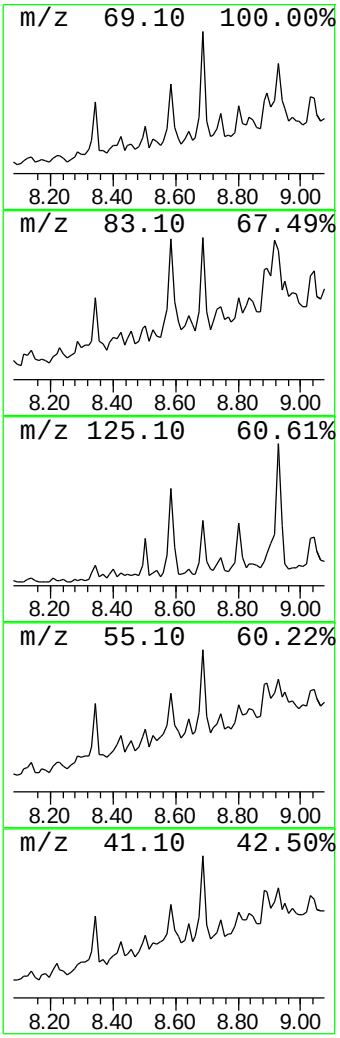
Peak Number 10 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	28.80 ng	2692870	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	81
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	64
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	49
4	2-Dodecene, 2-methyl-	182	C13H26	055103-82-7	49
5	2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	35





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Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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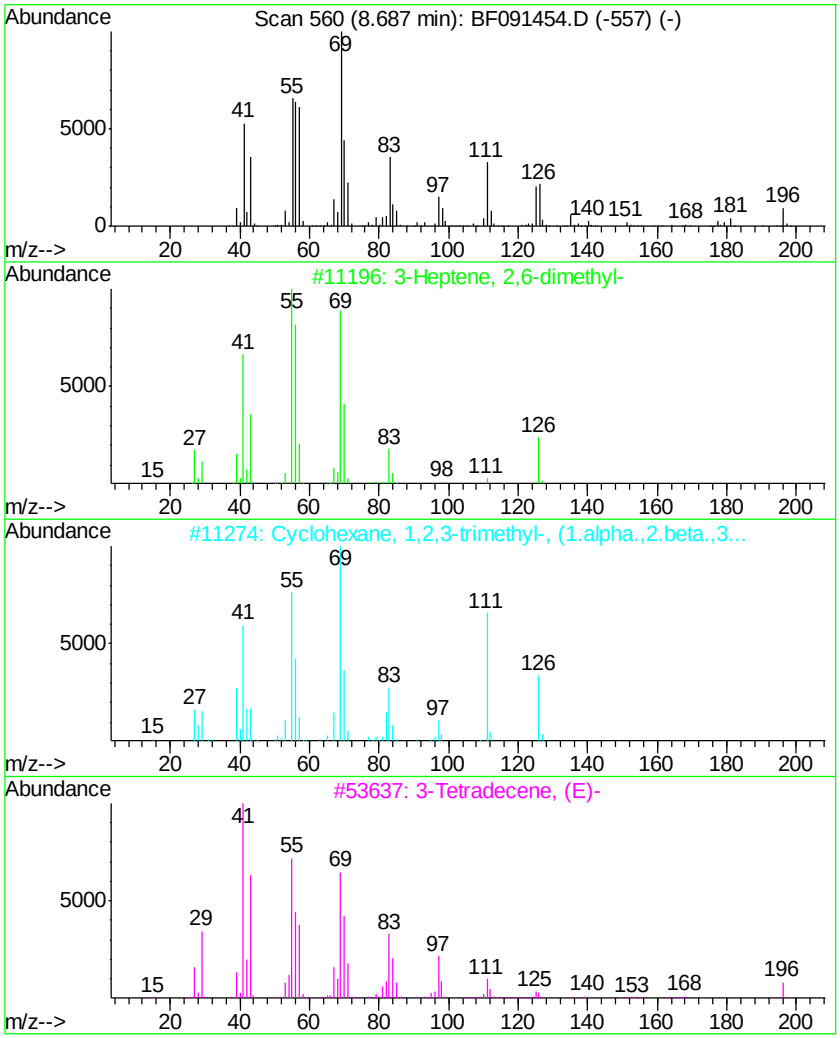
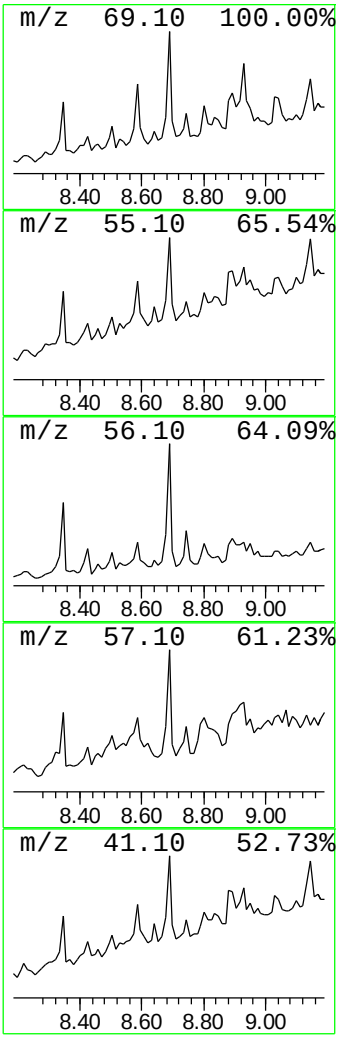
Peak Number 11 3-Heptene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	43.89 ng	4103560	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	64
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	62
3	3-Tetradecene, (E)-	196	C14H28	041446-68-8	58
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
5	4-Undecene, 2-methyl-, (E)-	168	C12H24	028665-57-8	55





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

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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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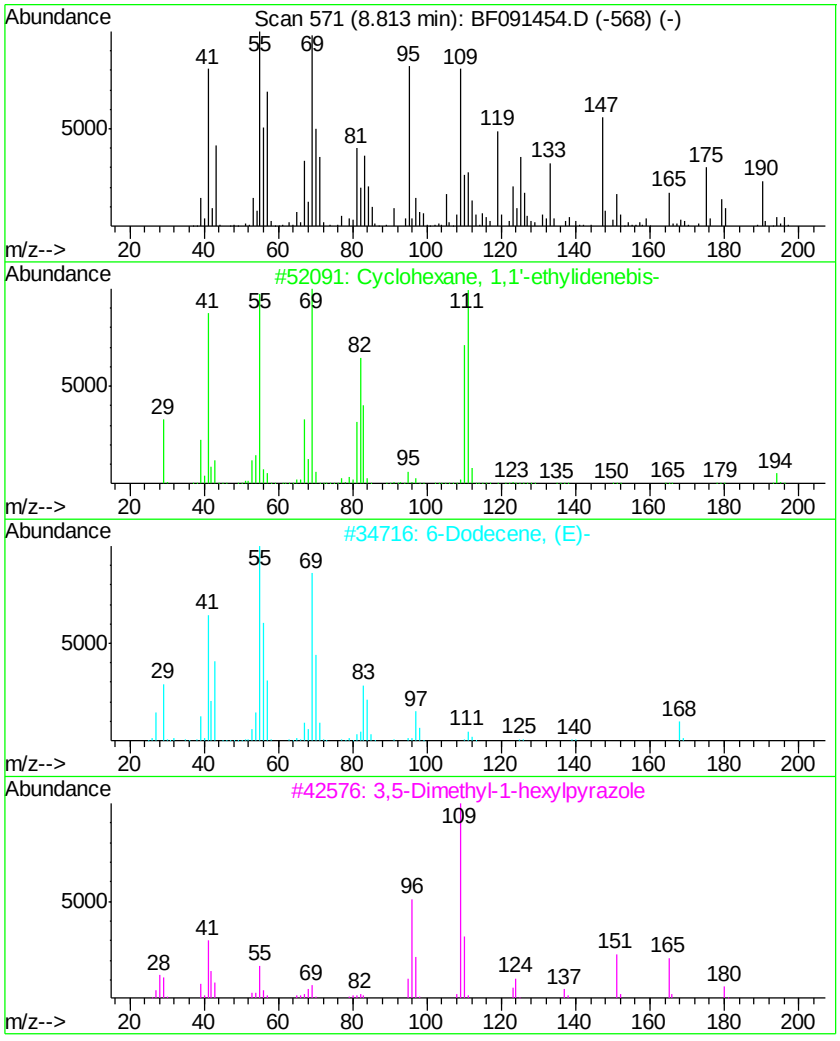
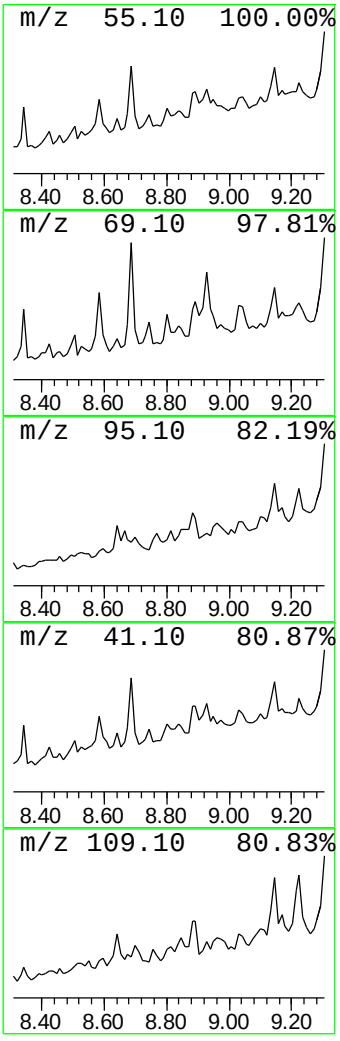
Peak Number 12 unknown8.81 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	18.00 ng	1682500	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-ethylidenebis-	194	C14H26	002319-61-1	25
2	6-Dodecene, (E)-	168	C12H24	007206-17-9	25
3	3,5-Dimethyl-1-hexylpyrazole	180	C11H20N2	024475-41-0	25
4	Benzeneethanal, 4-[1,1-dimethyle...	190	C13H18O	061307-73-1	15
5	1-Undecene, 10-methyl-	168	C12H24	022370-55-4	15





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Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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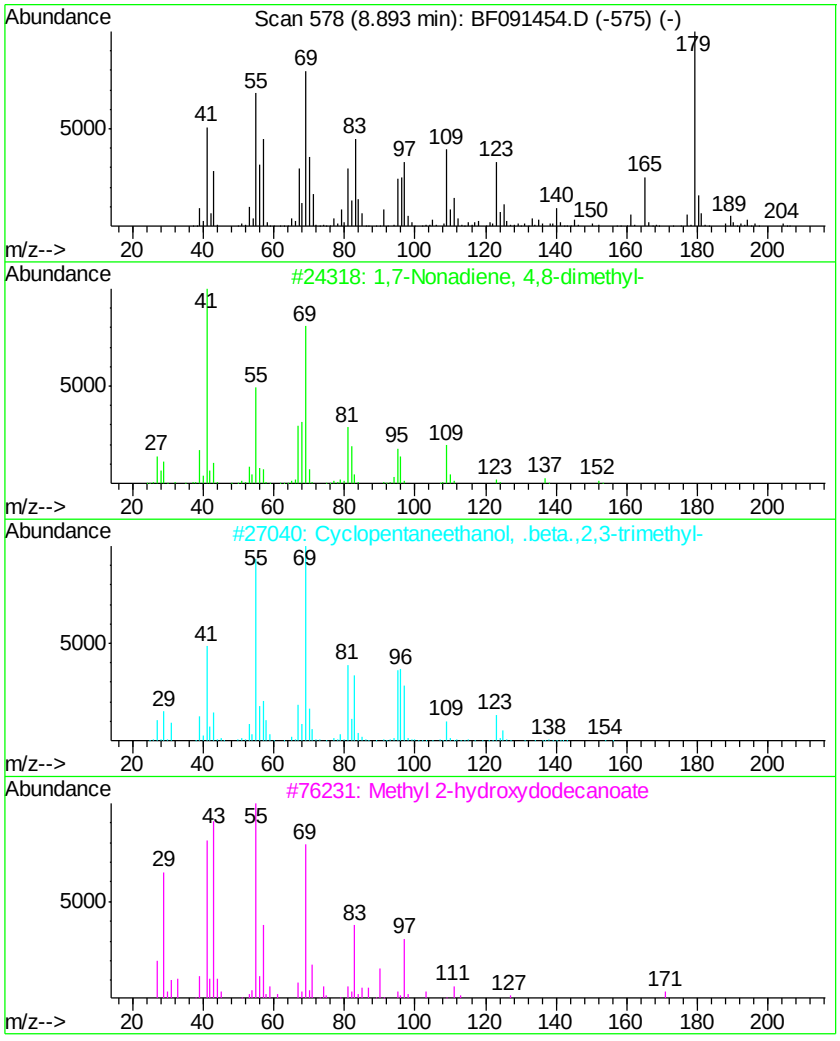
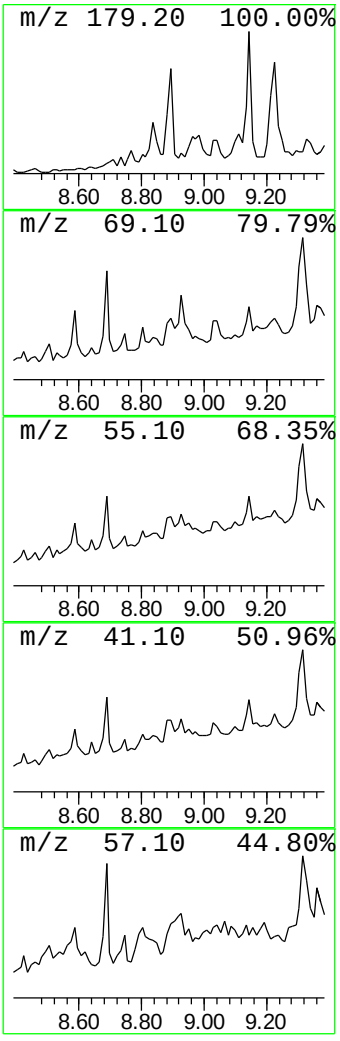
Peak Number 13 unknown8.89 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	32.49 ng	3037680	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	35
2	Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	35
3	Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	27
4	4,8-Dimethylbicyclo[3.3.1]nonane...	180	C11H16O2	139914-54-8	27
5	p-Menthon-8-thiol	186	C10H18OS	033281-91-3	27





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Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

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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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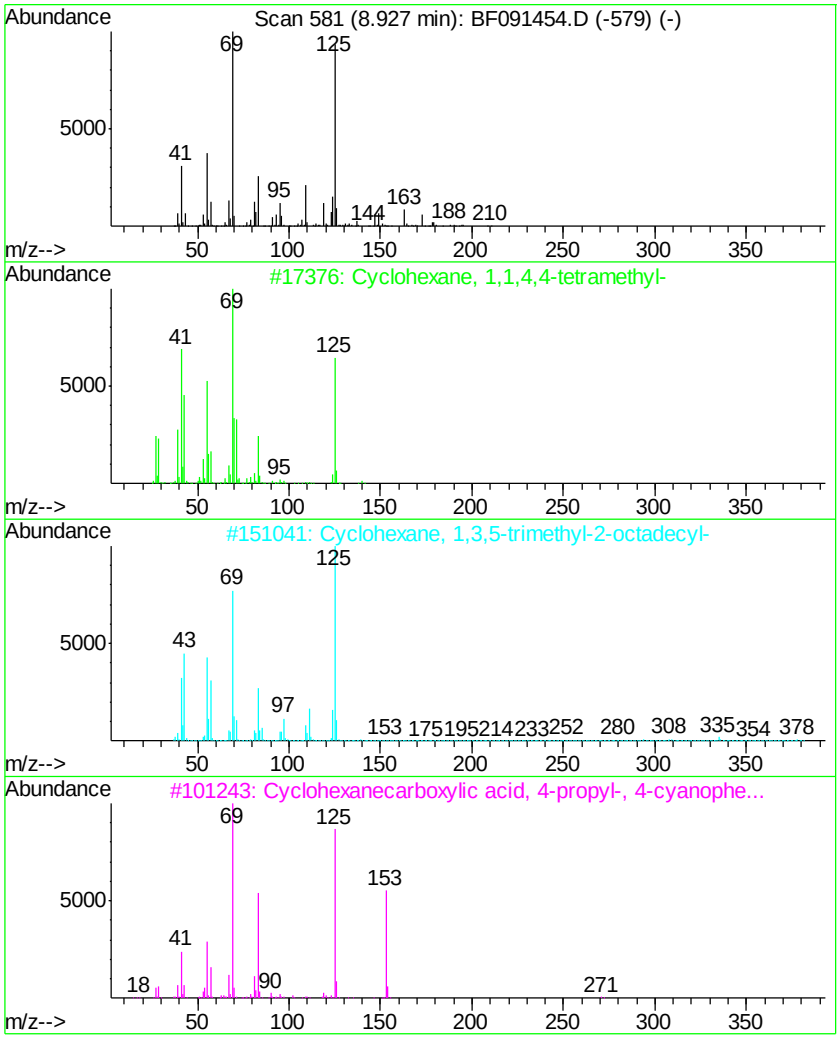
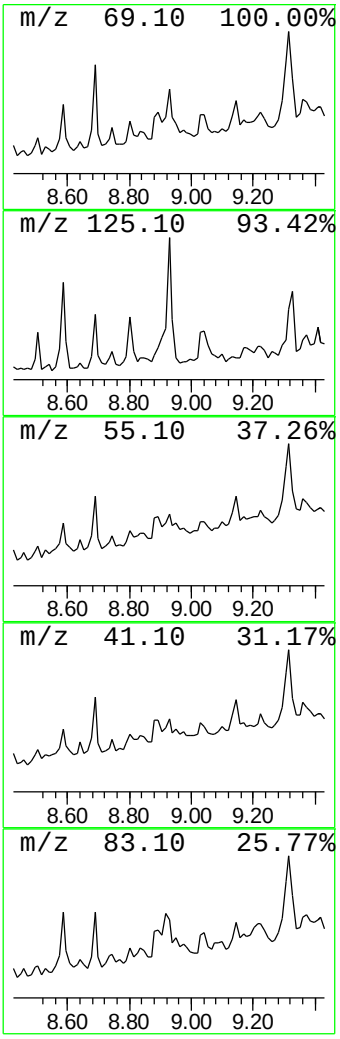
Peak Number 14 Cyclohexane, 1,1,4,4-tetram... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	24.13 ng	2255800	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	59
2	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	45
3	Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	42
4	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	40
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	40





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Acq On : 6 Dec 2016 12:56
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Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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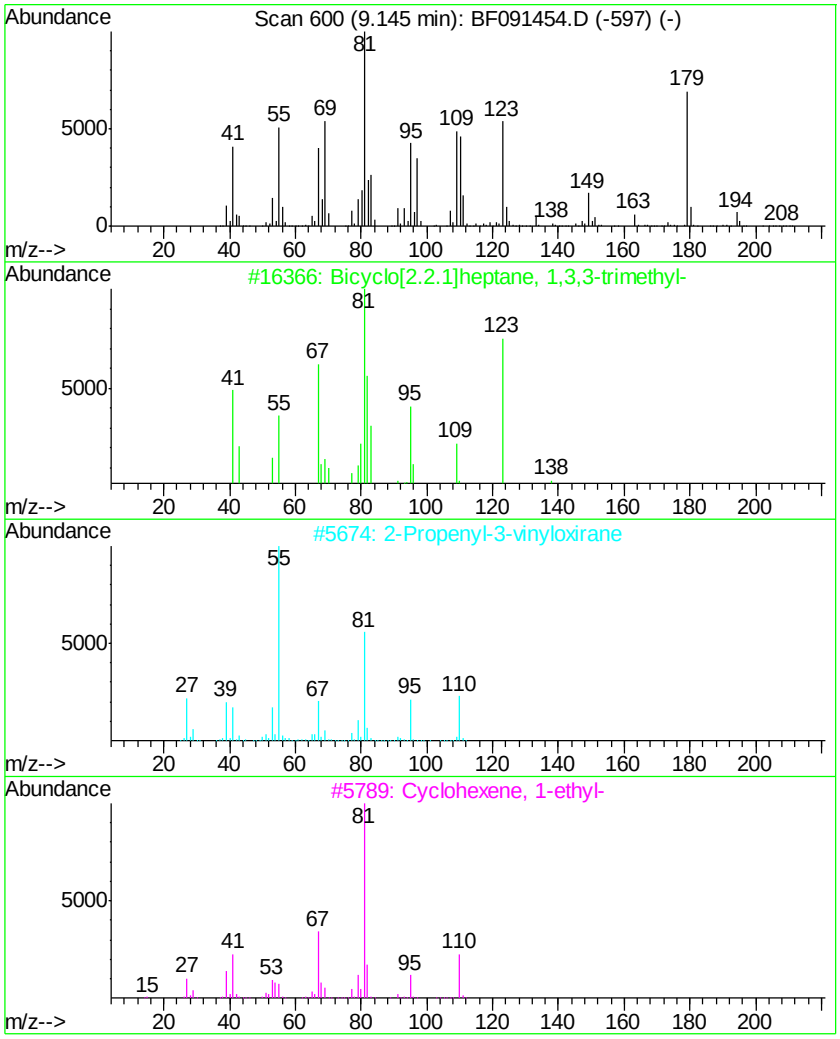
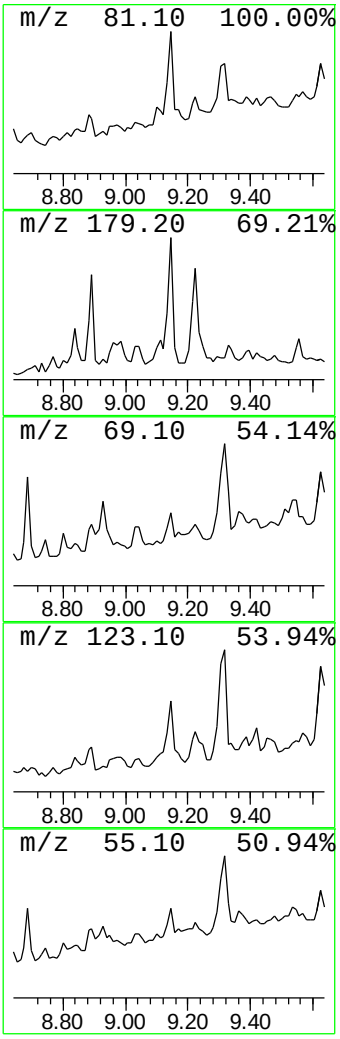
Peak Number 15 unknown9.14 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	15.61 ng	3952300	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	49
2	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	43
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
4	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	38
5	2,5,9-Tetradecatriene, 3,12-diet...	248	C18H32	074685-87-3	38





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Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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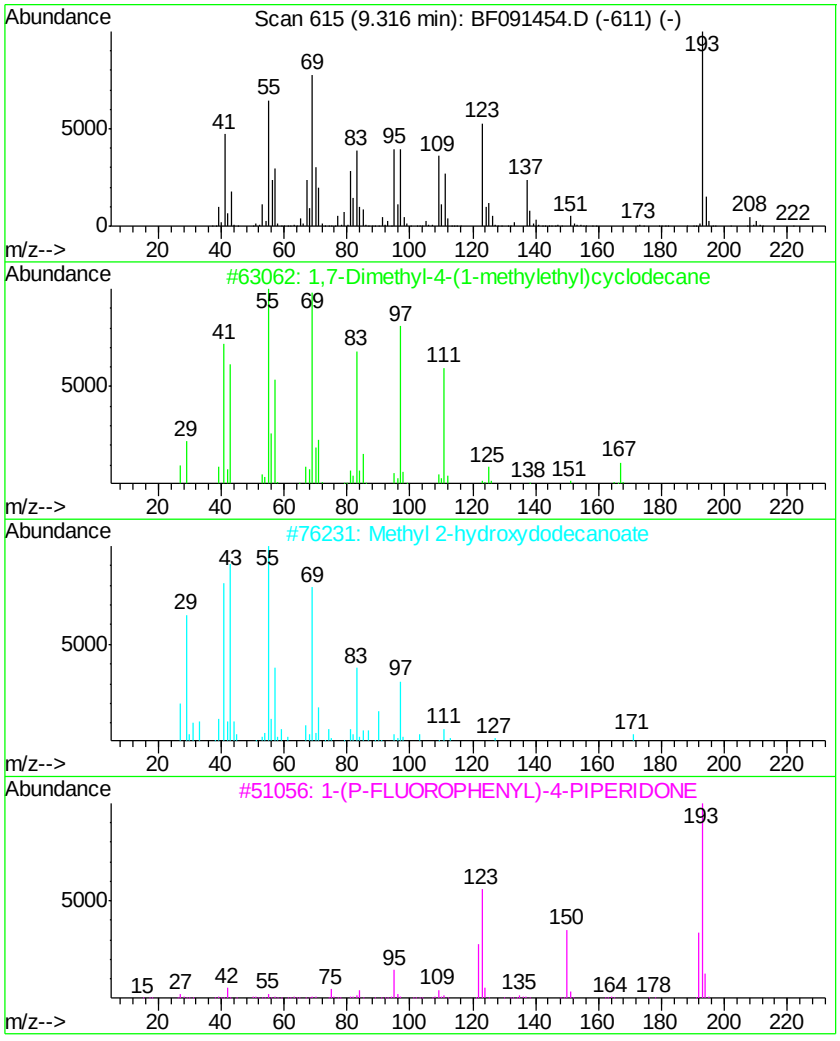
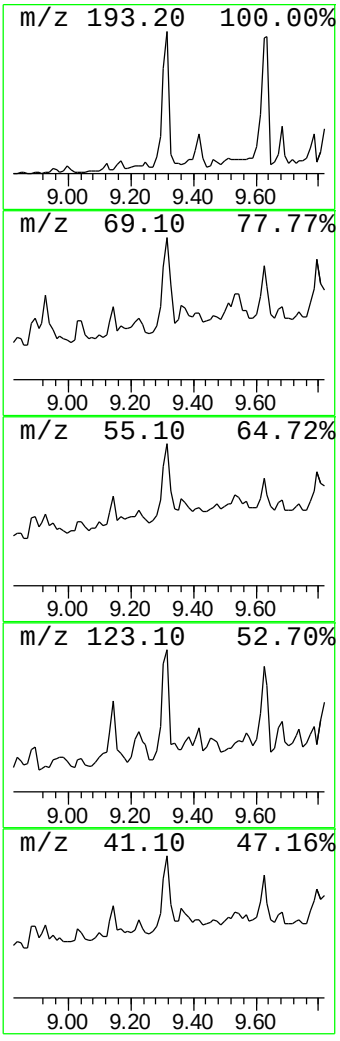
Peak Number 16 unknown9.32 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	49.20 ng	12459700	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	35
2	Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	27
3	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	25
4	Triallylsilane	152	C9H16Si	001116-62-7	25
5	Pyrimido(5,4-e)-as-triazine-5,7(...	193	C7H7N5O2	000084-82-2	25





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Sample : H5825-03
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

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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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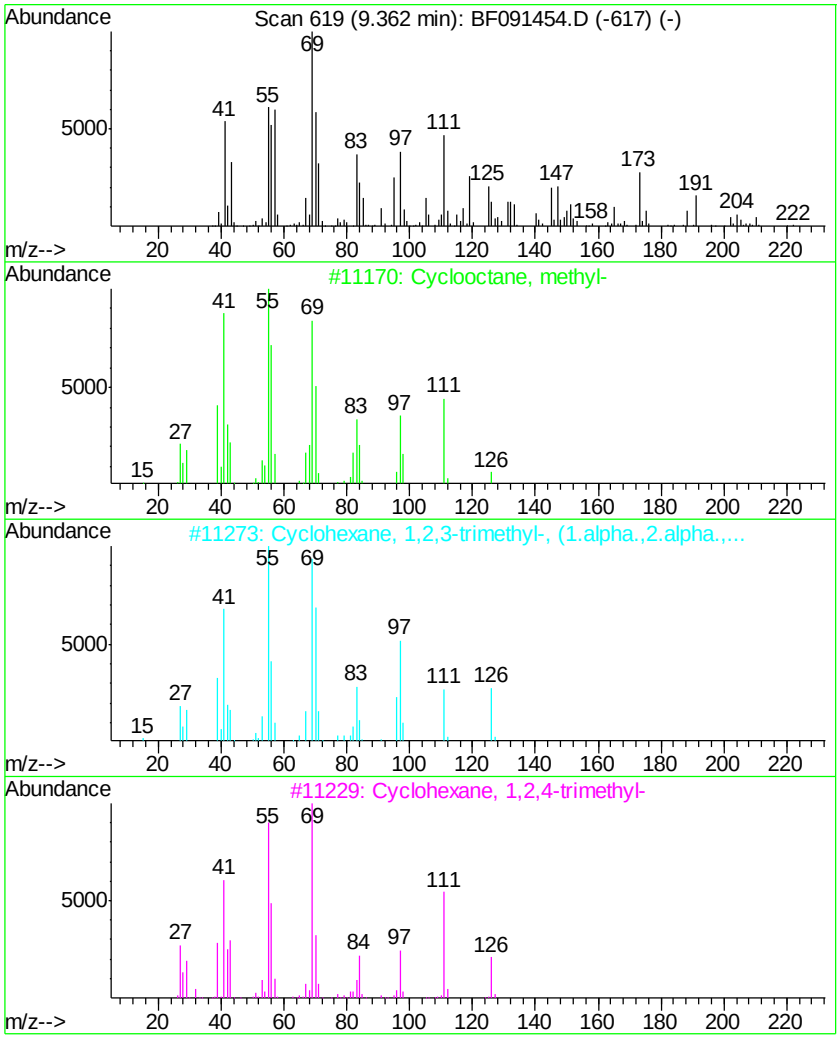
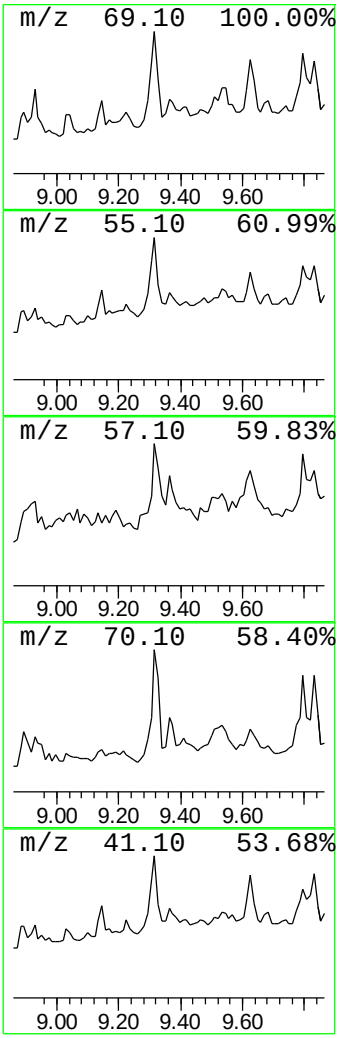
Peak Number 17 unknown9.36 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	8.51 ng	2155250	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	49
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	38
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30
5	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	27





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Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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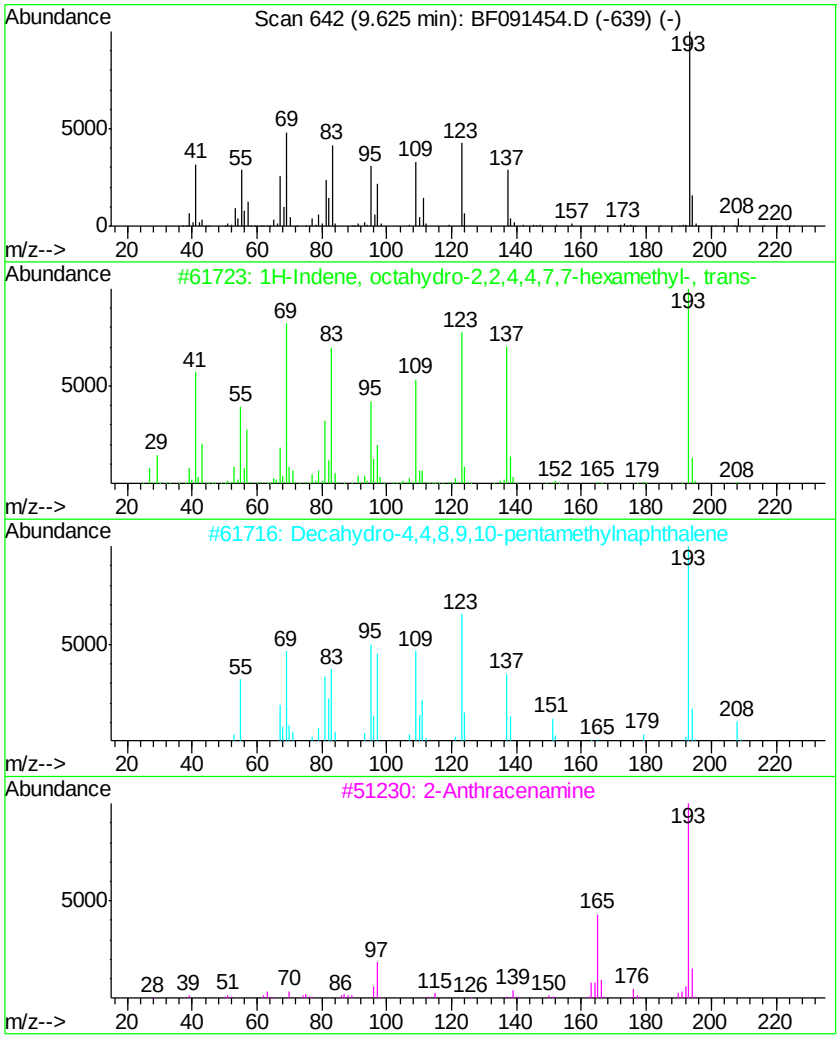
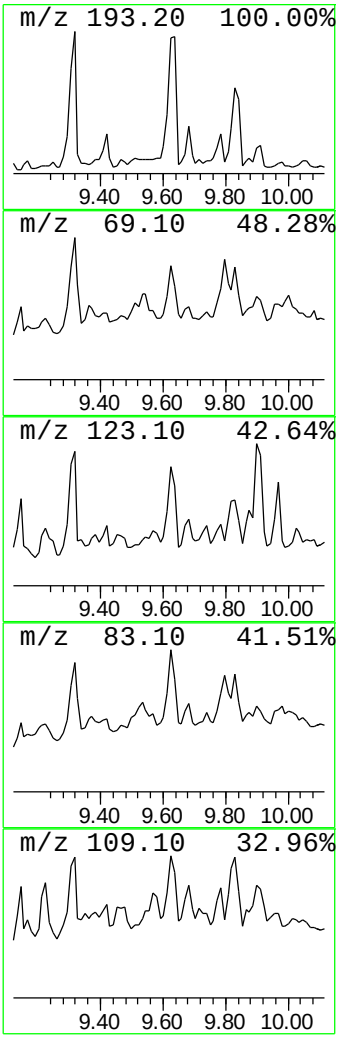
Peak Number 18 1H-Indene, octahydro-2,2,4,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	26.12 ng	6614080	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	72
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	35
3	2-Anthracenamine	193	C14H11N	000613-13-8	30
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	27
5	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	23





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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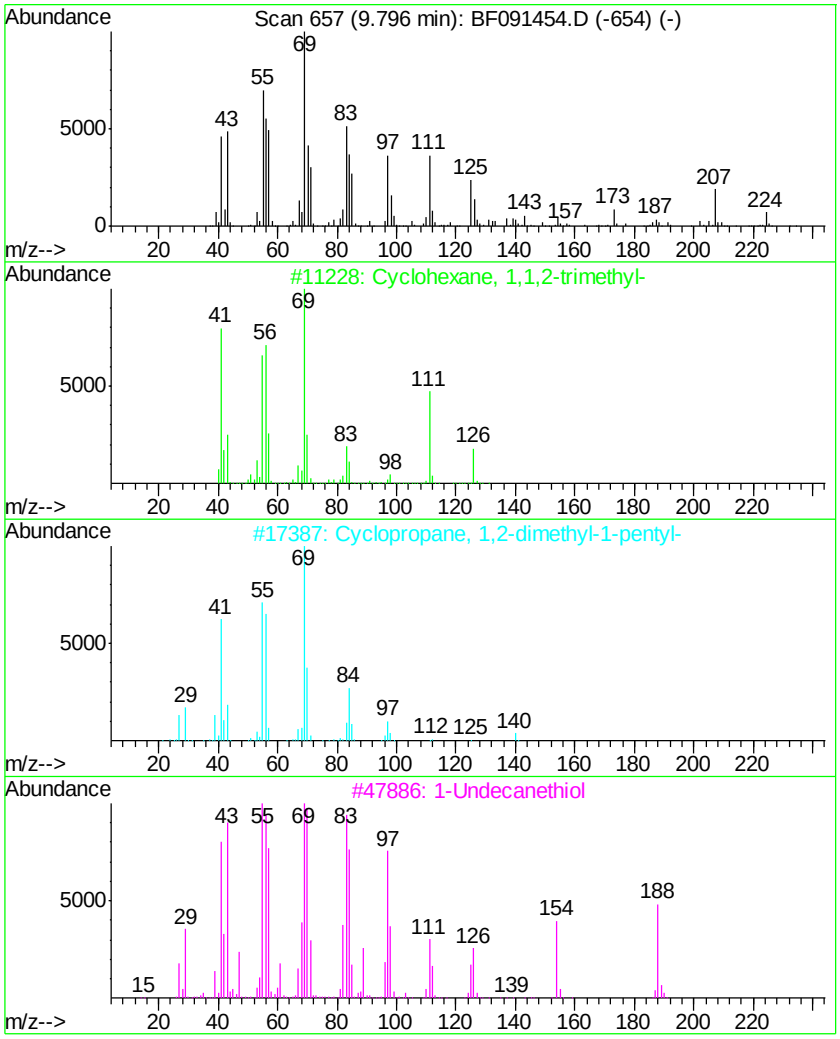
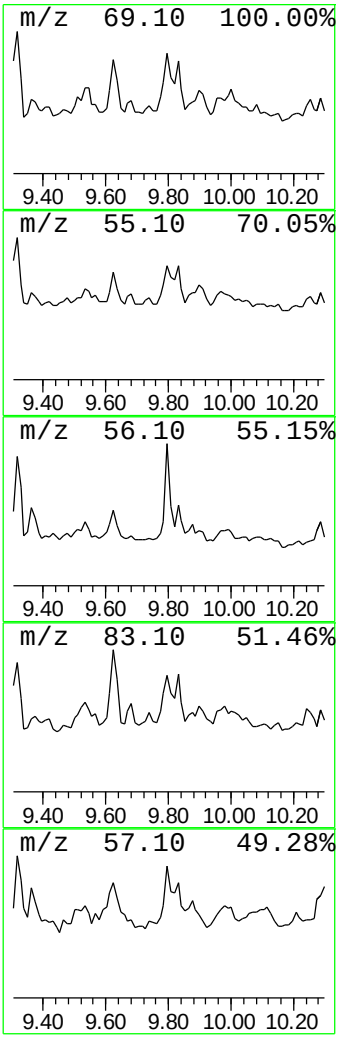
Peak Number 19 unknown9.80 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	22.70 ng	5749430	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
3	1-Undecanethiol	188	C11H24S	005332-52-5	49
4	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	49
5	Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	49





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ClientSampleId : S120116SF-S-3

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

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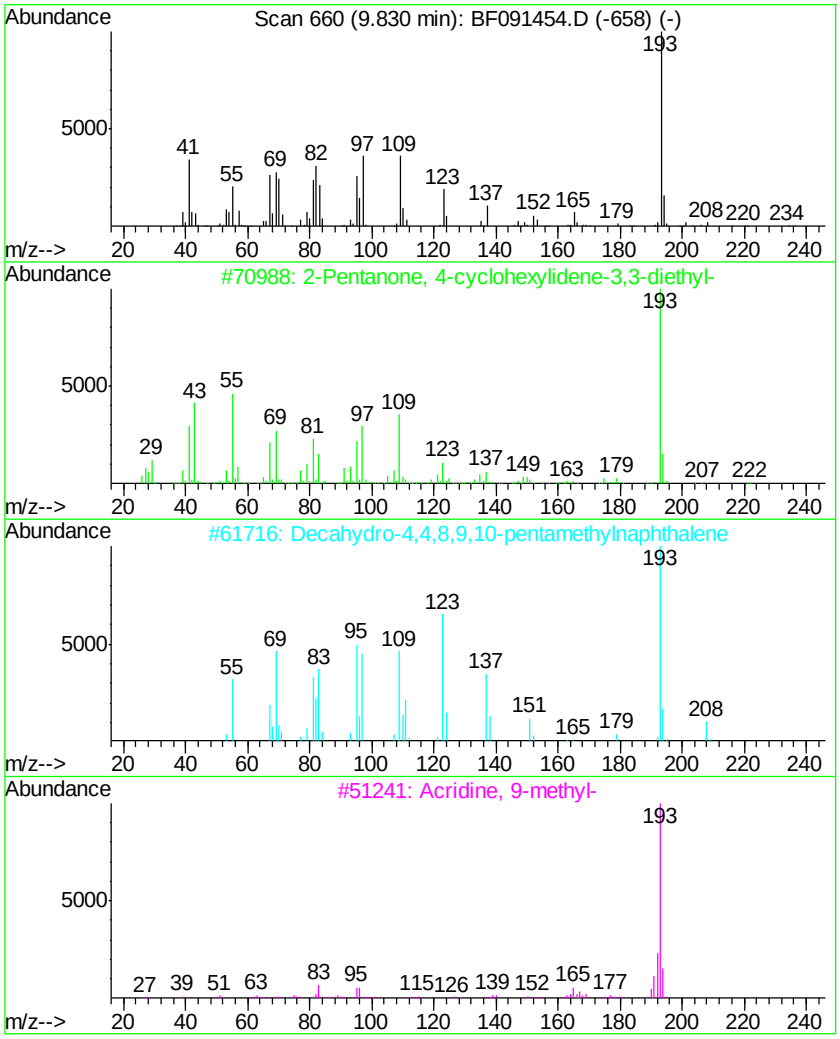
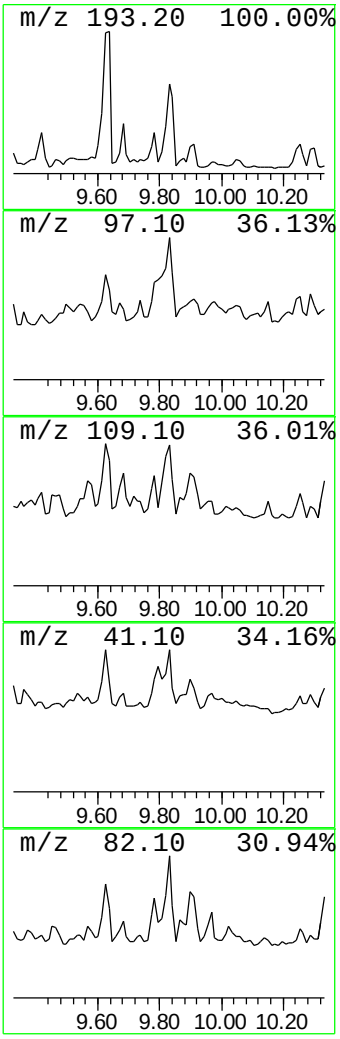
Peak Number 20 2-Pentanone, 4-cyclohexylid... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	24.51 ng	6206260	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	64
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	40
3	Acridine, 9-methyl-	193	C14H11N	000611-64-3	38
4	2-Phenylindolizine	193	C14H11N	025379-20-8	38
5	2-Anthracenamine	193	C14H11N	000613-13-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091454.D
Acq On : 6 Dec 2016 12:56
Operator : UM/SJ
Sample : H5825-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S120116SF-S-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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...	5.02	31.1	ng	1336330	1	6.84	858123	20.0
unknown6.61	6.61	73.0	ng	3130710	1	6.84	858123	20.0
unknown7.90	7.90	11.8	ng	1101620	2	8.13	1869840	20.0
unknown8.22	8.22	14.7	ng	1371780	2	8.13	1869840	20.0
unknown8.31	8.31	18.8	ng	1760300	2	8.13	1869840	20.0
Cyclohexane, 2-bu...	8.34	17.0	ng	1592410	2	8.13	1869840	20.0
unknown8.42	8.42	26.8	ng	2503770	2	8.13	1869840	20.0
unknown8.50	8.50	16.7	ng	1564170	2	8.13	1869840	20.0
Cyclohexane, 1,1,...	8.58	28.8	ng	2692870	2	8.13	1869840	20.0
3-Heptene, 2,6-di...	8.69	43.9	ng	4103560	2	8.13	1869840	20.0
unknown8.81	8.81	18.0	ng	1682500	2	8.13	1869840	20.0
unknown8.89	8.89	32.5	ng	3037680	2	8.13	1869840	20.0
Cyclohexane, 1,1,...	8.93	24.1	ng	2255800	2	8.13	1869840	20.0
unknown9.14	9.14	15.6	ng	3952300	3	9.91	5064540	20.0
unknown9.32	9.32	49.2	ng	12459700	3	9.91	5064540	20.0
unknown9.36	9.36	8.5	ng	2155250	3	9.91	5064540	20.0
1H-Indene, octahy...	9.62	26.1	ng	6614080	3	9.91	5064540	20.0
unknown9.80	9.80	22.7	ng	5749430	3	9.91	5064540	20.0
2-Pentanone, 4-cy...	9.83	24.5	ng	6206260	3	9.91	5064540	20.0