LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086101.D
Acq On : 6 Apr 2016 16:27
Operator : UM/SJ
Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

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-BF040216.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	4.898	245	246	253	rVB	108048	194478	4.36%	0.502%
2	5.333	282	284	287	rBV	1932619	2111416	47.36%	5.448%
3	5.721	315	318	321	rBV2	84657	147666	3.31%	0.381%
4	5.870	329	331	334	rVB	64344	74886	1.68%	0.193%
5	5.927	334	336	337	rBV	41934	70217	1.57%	0.181%
6	5.996	339	342	344	rVB2	91817	182416	4.09%	0.471%
7	6.030	344	345	346	rBV	98010	94964	2.13%	0.245%
8	6.064	346	348	354	rVB3	82765	205788	4.62%	0.531%
9	6.167	354	357	358	rBV	84770	117787	2.64%	0.304%
10	6.259	363	365	370	rVB2	265120	373305	8.37%	0.963%
11	6.384	374	376	379	rVB	1668959	2199208	49.33%	5.674%
12	6.430	379	380	382	rVB	110399	110658	2.48%	0.286%
13	6.510	385	387	390	rVB	2386104	2284630	51.25%	5.894%
14	6.590	392	394	396	rVB2	143144	198066	4.44%	0.511%
15	6.659	396	400	401	rBV4	99974	283034	6.35%	0.730%
16	6.704	401	404	406	rBV4	207125	312883	7.02%	0.807%
17	6.739	406	407	411	rVB2	781854	1101632	24.71%	2.842%
18	6.796	411	412	414	rBV2	140556	236655	5.31%	0.611%
19	6.830	414	415	417	rVB	147518	137073	3.07%	0.354%
20	6.864	417	418	419	rBV	164133	181413	4.07%	0.468%
21	6.899	419	421	425	rVB	2088668	2097325	47.04%	5.411%
22	6.967	425	427	429	rBV3	108495	191053	4.29%	0.493%
23	7.013	429	431	434	rVB3	305565	418241	9.38%	1.079%
24	7.059	434	435	436	rBV	89649	63166	1.42%	0.163%
25	7.139	436	442	443	rBV4	390123	1010281	22.66%	2.607%
26	7.162	443	444	447	rBV2	290339	490558	11.00%	1.266%
27	7.219	447	449	451	rVB2	131461	186300	4.18%	0.481%
28	7.264	451	453	456	rBV4	486903	972067	21.80%	2.508%
29	7.310	456	457	462	rVB	1246408	1540949	34.56%	3.976%
30	7.390	462	464	466	rVB3	375483	512190	11.49%	1.321%
31	7.447	466	469	470	rBV2	252669	447363	10.03%	1.154%
32	7.516	473	475	477	rBV2	233049	442559	9.93%	1.142%
33	7.550	477	478	482	rVB3	725589	804167	18.04%	2.075%
34	7.619	482	484	487	rBV2	540908	919205	20.62%	2.372%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086101.D
Acq On : 6 Apr 2016 16:27
Operator : UM/SJ
Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.664	487	488	493	rVB3	1082251	1505410	33.77%	3.884%
36	7.744	493	495	497	rBV2	158009	305491	6.85%	0.788%
37	7.790	497	499	502	rBV2	378390	703290	15.78%	1.815%
38	7.870	503	506	507	rBV3	228900	479345	10.75%	1.237%
39	8.030	516	520	525	rBV3	1212105	3442428	77.22%	8.882%
40	8.110	525	527	534	rVV4	491873	2157385	48.39%	5.566%
41	8.499	557	561	565	rBV2	1416464	4458233	100.00%	11.502%
42	12.865	941	943	947	rVB	1357846	1943234	43.59%	5.014%
43	13.745	1019	1020	1027	rVB	332263	646837	14.51%	1.669%
44	13.905	1032	1034	1037	rVB	923676	873830	19.60%	2.255%
45	14.065	1046	1048	1060	rVB2	135146	416629	9.35%	1.075%
46	14.362	1073	1074	1076	rBV	56745	63325	1.42%	0.163%
47	15.299	1153	1156	1163	rVB	728227	905812	20.32%	2.337%
48	17.277	1325	1329	1335	rVB5	20590	64495	1.45%	0.166%
49	19.140	1487	1492	1502	rBV5	11368	79789	1.79%	0.206%

Sum of corrected areas: 38759132

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086101.D
Acq On : 6 Apr 2016 16:27
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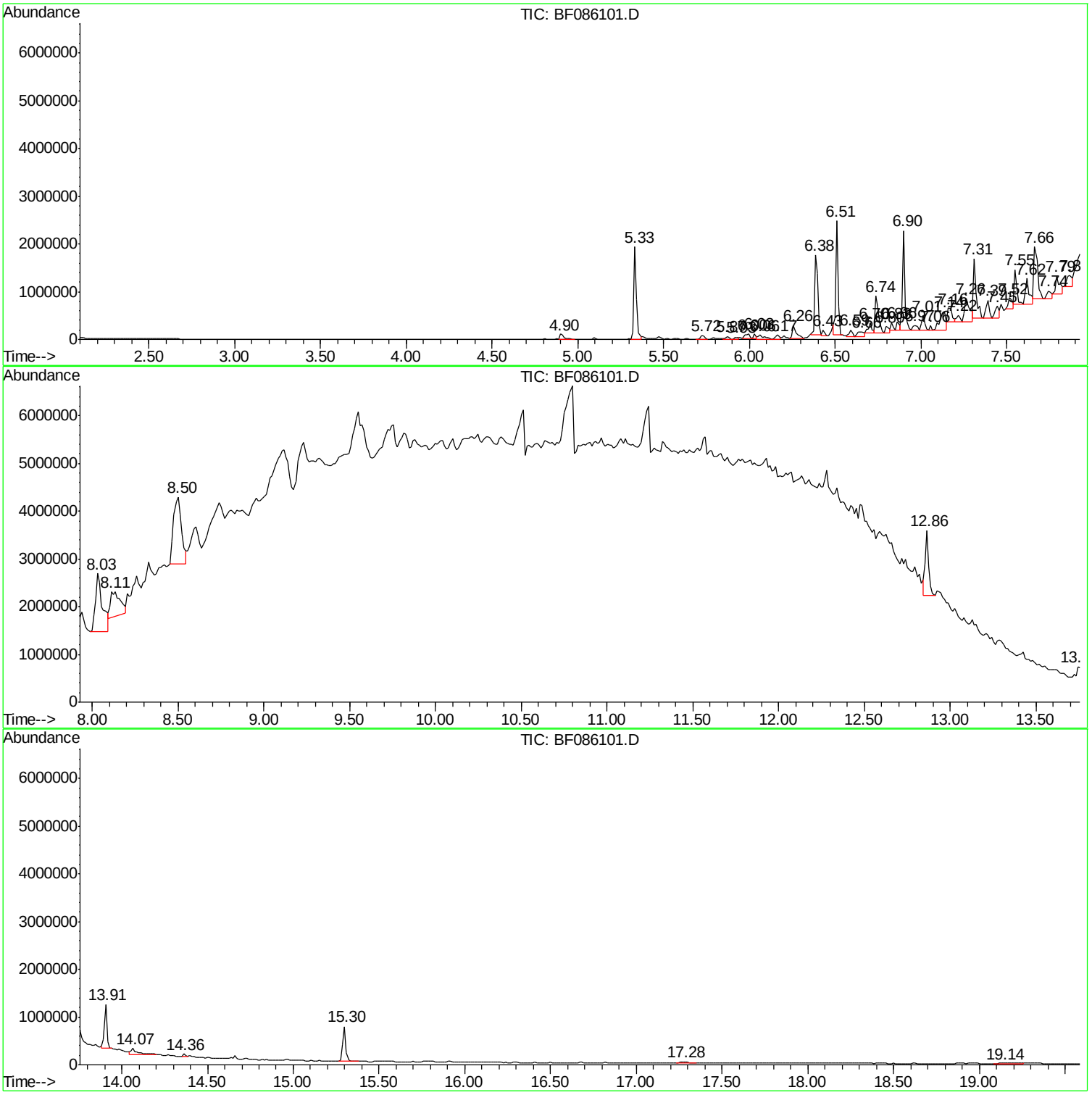
Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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\BF040616\
Data File : BF086101.D
Acq On : 6 Apr 2016 16:27
Operator : UM/SJ
Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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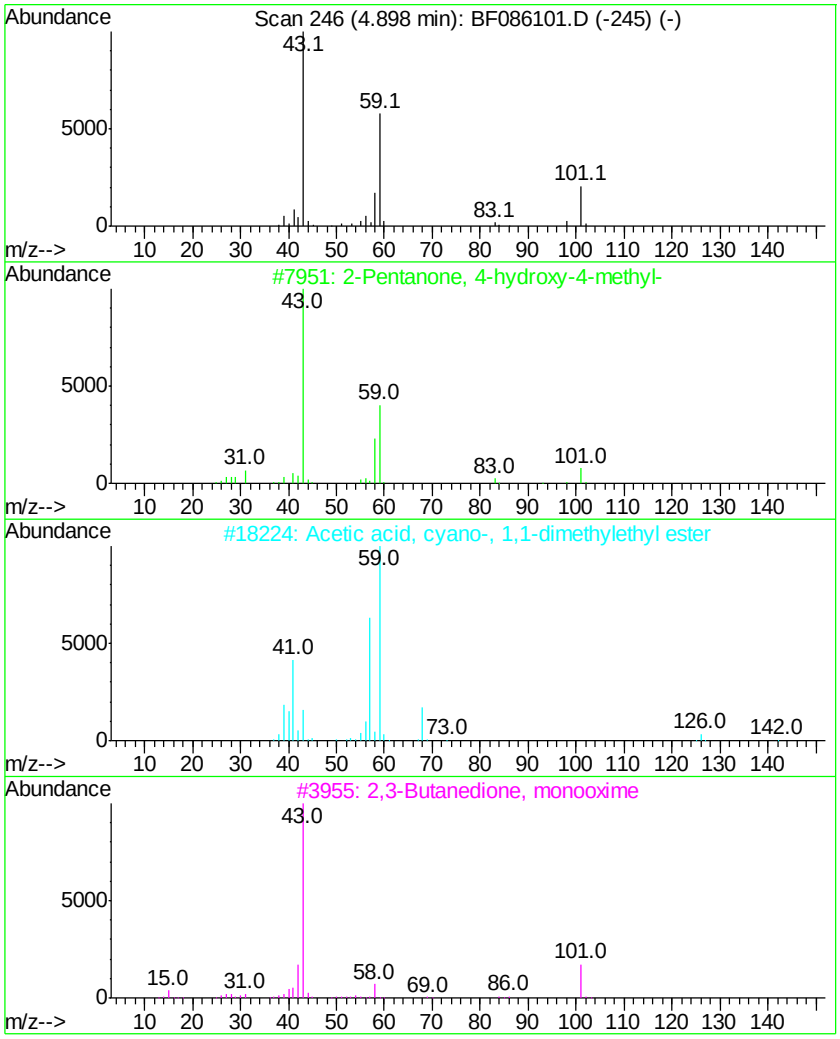
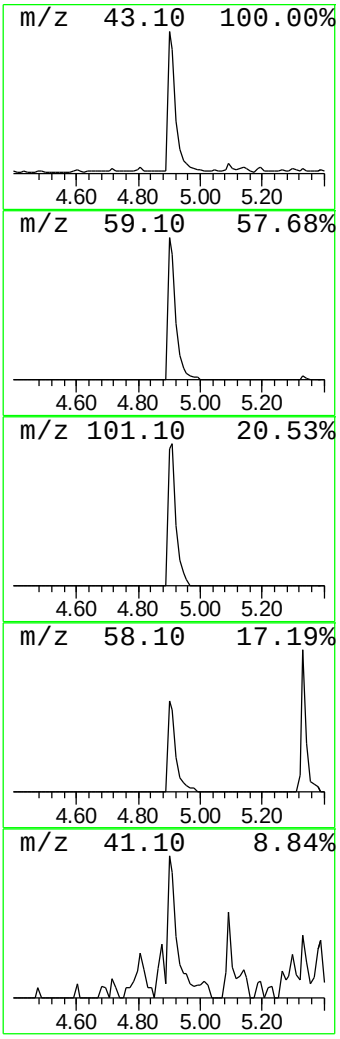
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	3.53 ng	194478	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086101.D
Acq On : 6 Apr 2016 16:27
Operator : UM/SJ
Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

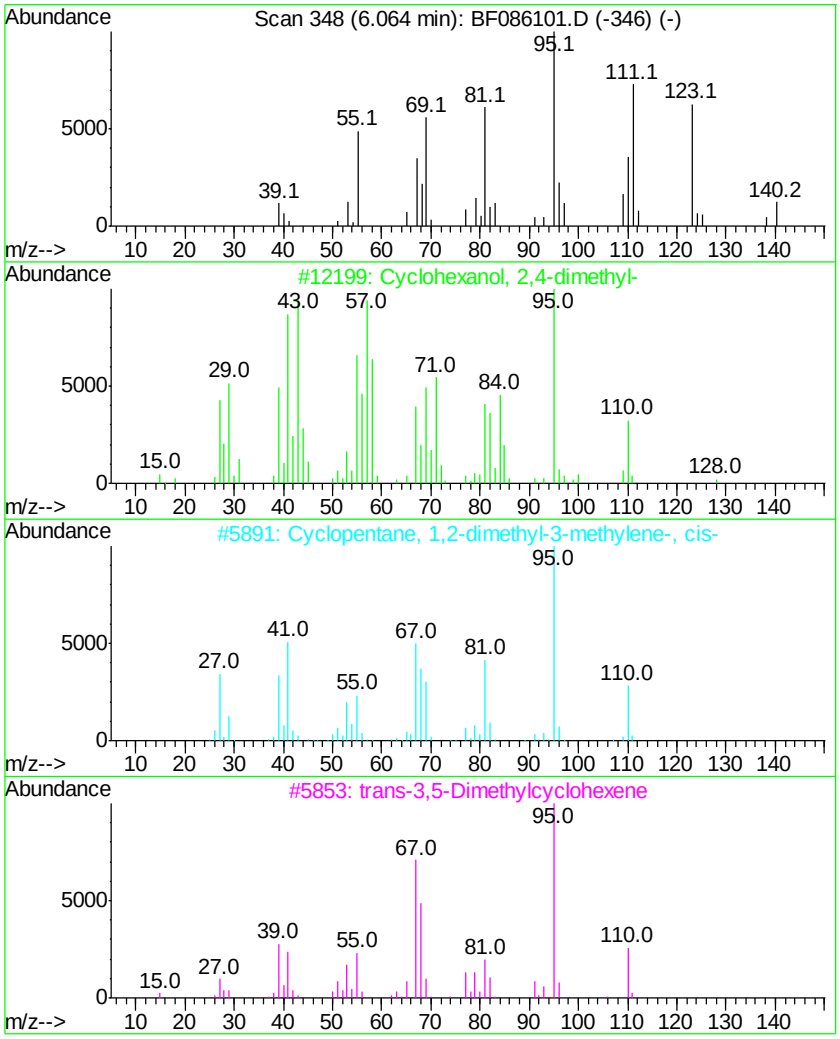
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

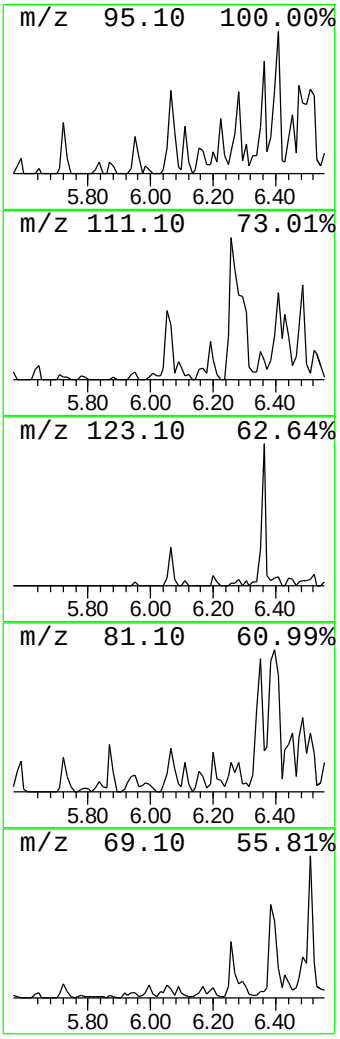
****

Peak Number 2 unknown6.06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	3.74 ng	205788	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2,4-dimethyl-	128	C8H16O	069542-91-2	45
2	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	43
3	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	43
4	1,2-Cyclohexanedimethanol	144	C8H16O2	003971-29-7	35
5	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086101.D
Acq On : 6 Apr 2016 16:27
Operator : UM/SJ
Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

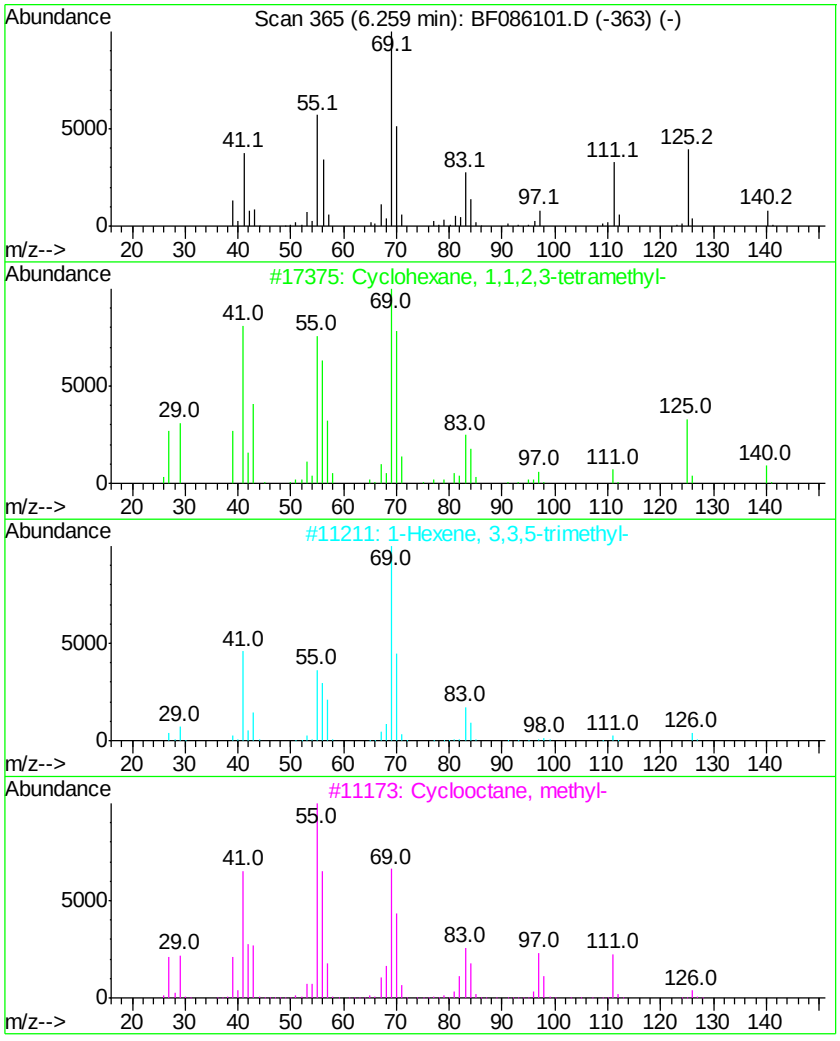
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

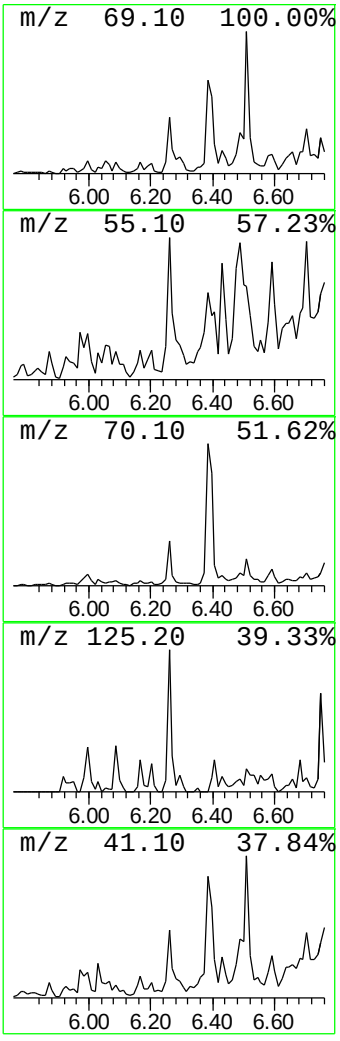
****

Peak Number 3 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	6.78 ng	373305	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	60
2	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	52
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	50
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086101.D
Acq On : 6 Apr 2016 16:27
Operator : UM/SJ
Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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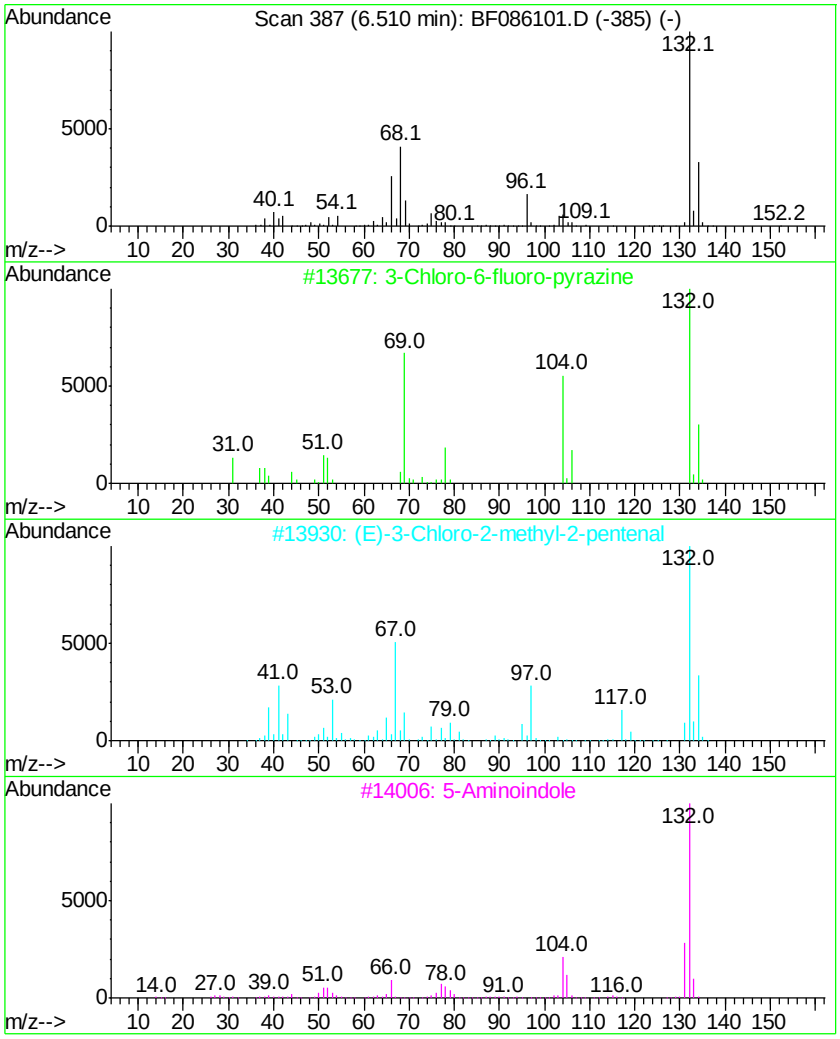
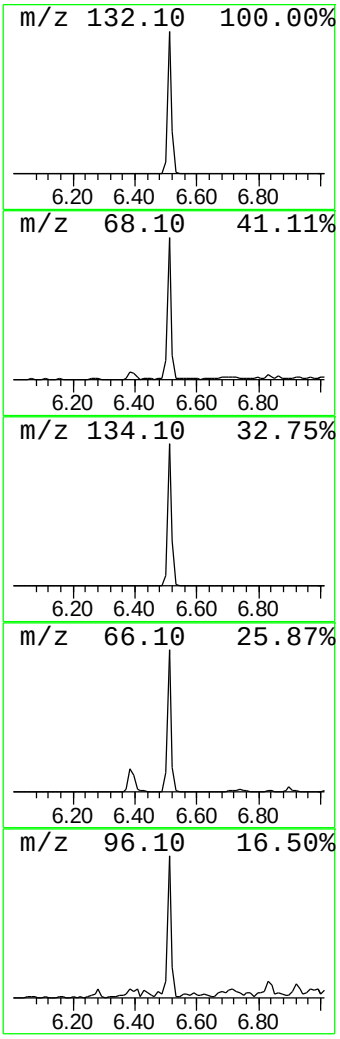
Peak Number 4 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	41.48 ng	2284630	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086101.D
Acq On : 6 Apr 2016 16:27
Operator : UM/SJ
Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

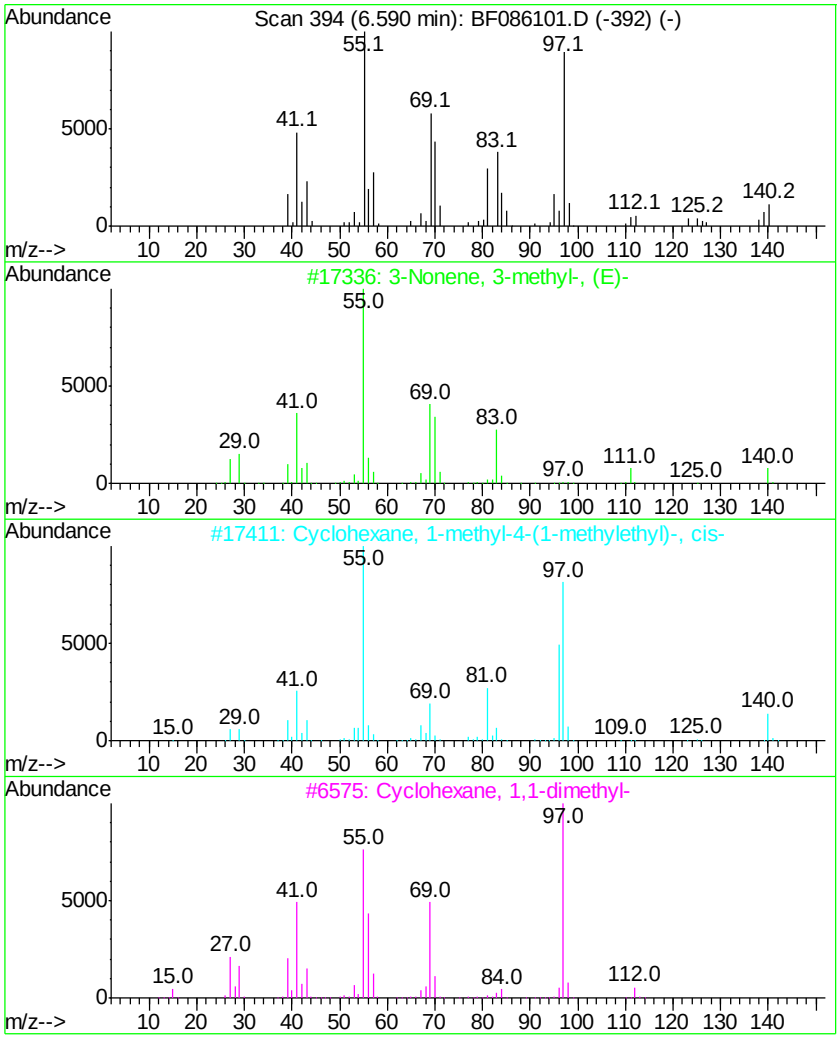
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

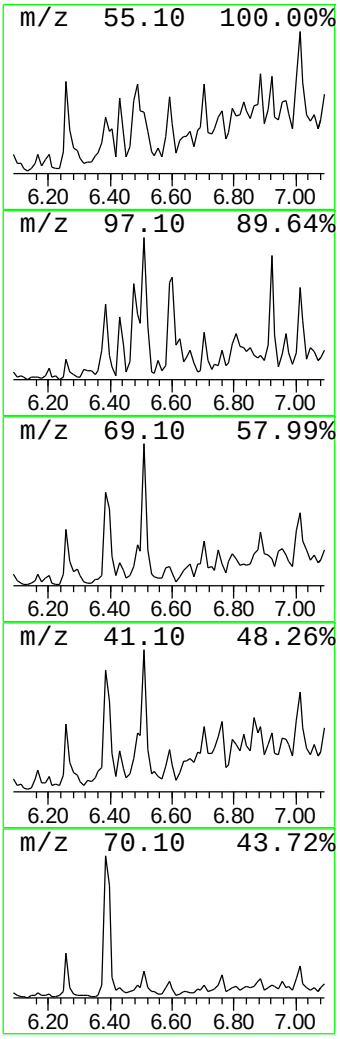
****

Peak Number 5 unknown6.59 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	3.60 ng	198066	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonene, 3-methyl-, (E)-	140	C10H20	069405-42-1	49
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	43
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086101.D
Acq On : 6 Apr 2016 16:27
Operator : UM/SJ
Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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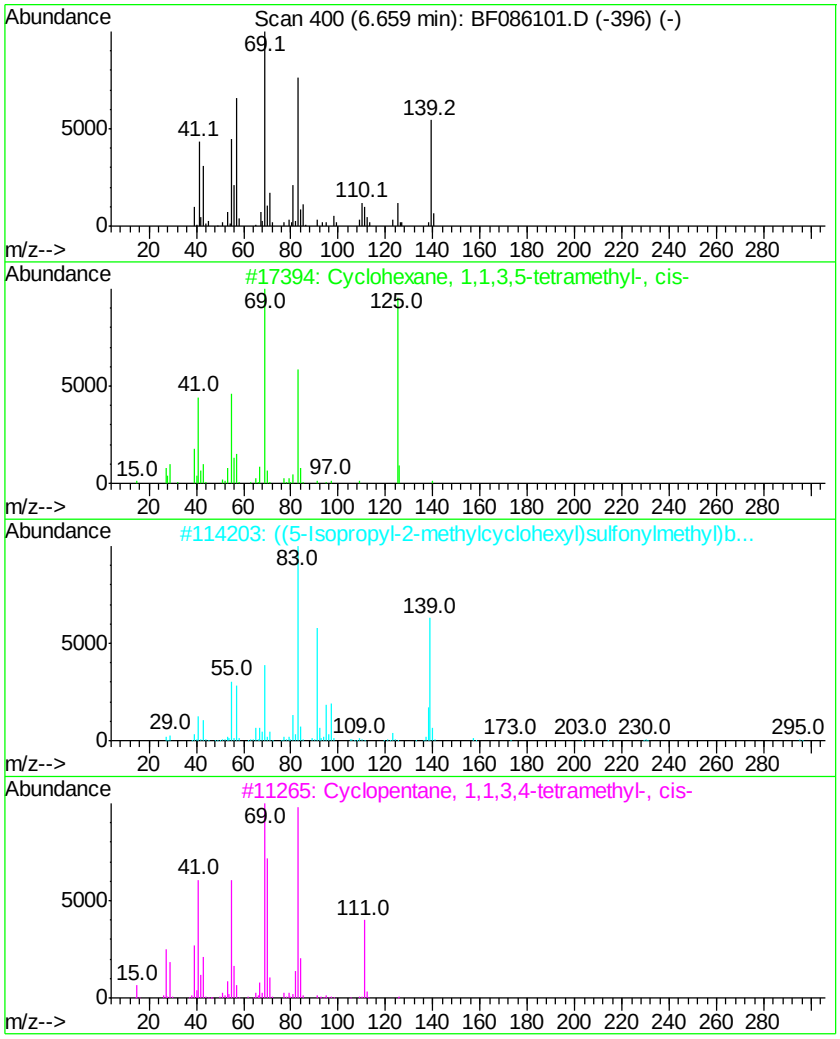
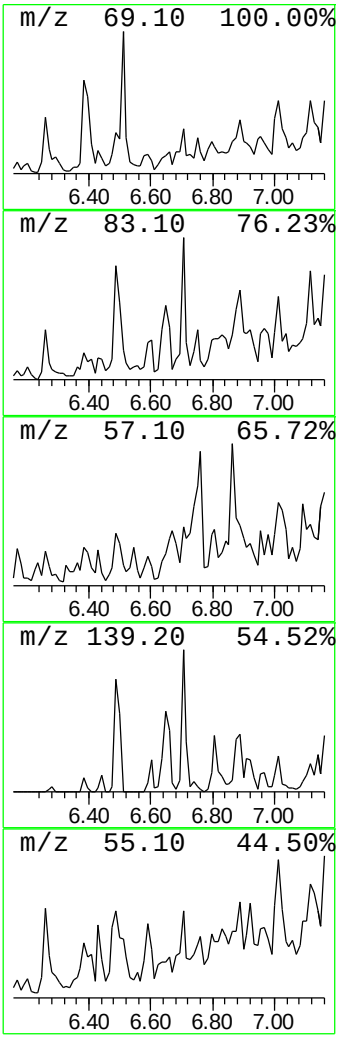
Peak Number 6 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	5.14 ng	283034	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	50
2	((5-Isopropyl-2-methylcyclohexyl...	294	C17H26O2S	093542-25-7	45
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	40
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
5	3-Heptene, 2,2,3,5,5,6,6-heptame...	196	C14H28	054845-26-0	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086101.D
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Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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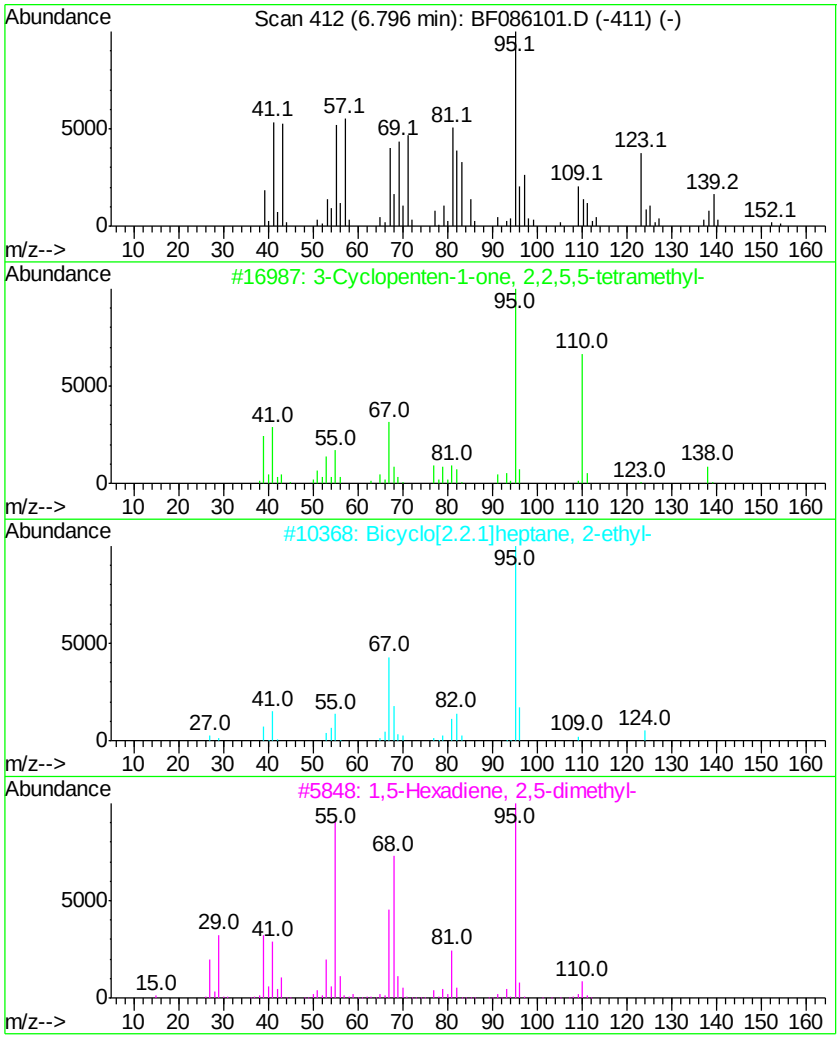
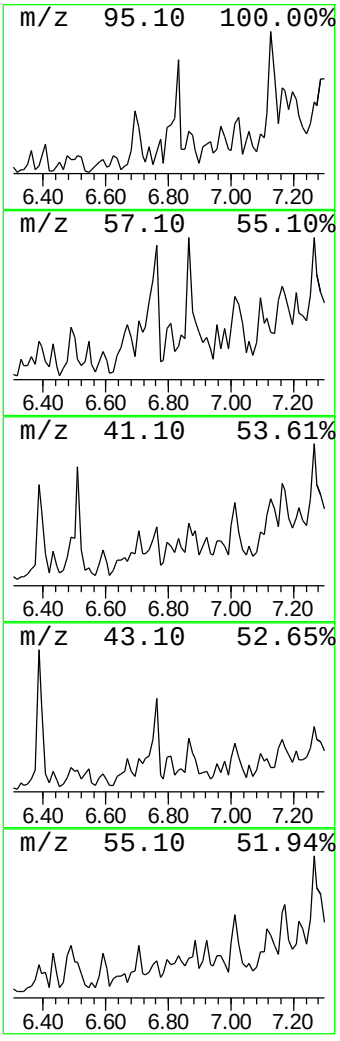
Peak Number 7 unknown6.80 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	4.30 ng	236655	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	38
2	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	38
3	1,5-Hexadiene, 2,5-dimethyl-	110	C8H14	000627-58-7	35
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	30
5	R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086101.D
Acq On : 6 Apr 2016 16:27
Operator : UM/SJ
Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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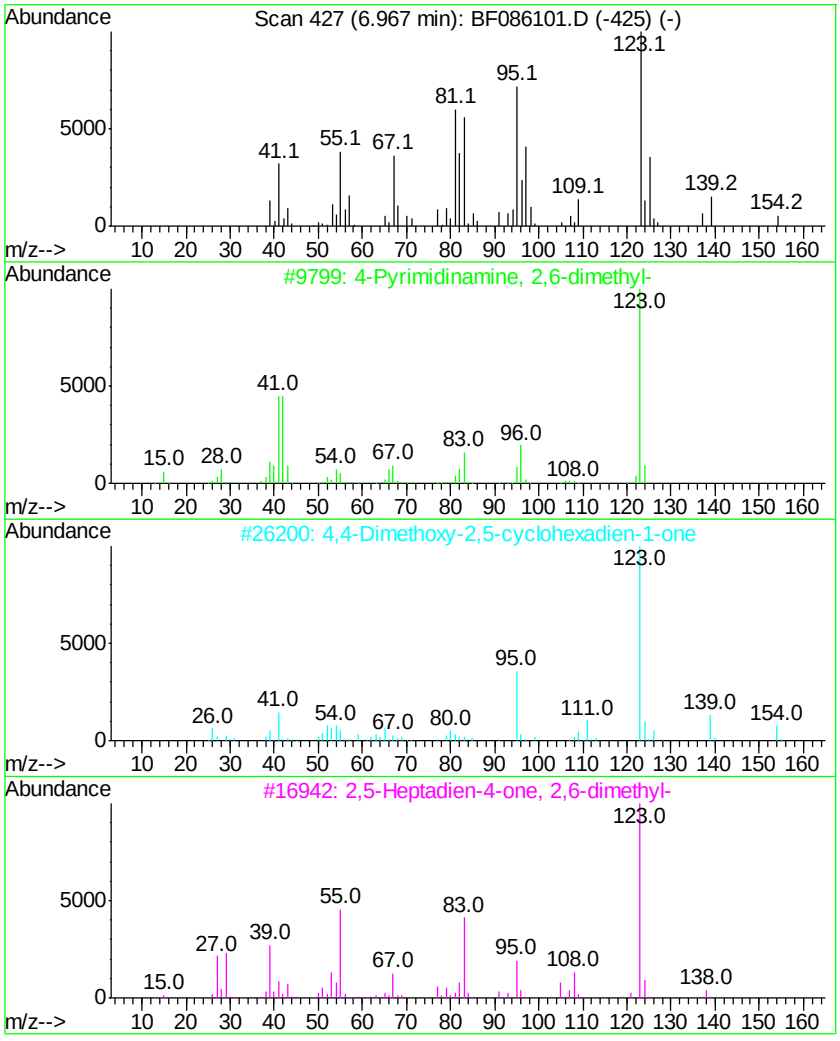
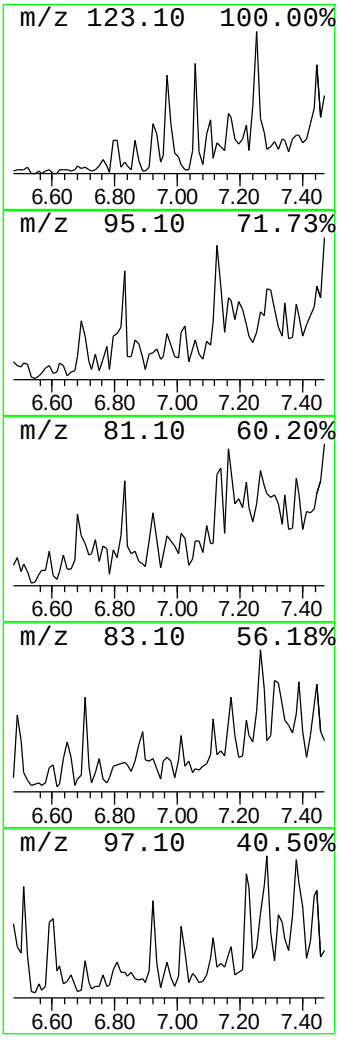
Peak Number 9 unknown6.97 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	3.47 ng	191053	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	43
2	4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	43
3	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	43
4	Hexahydroindole	123	C8H13N	018159-32-5	38
5	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	27





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Operator : UM/SJ
Sample : H2167-01
Misc :
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Instrument : BNA_F
ClientSampleId : GRID-J3

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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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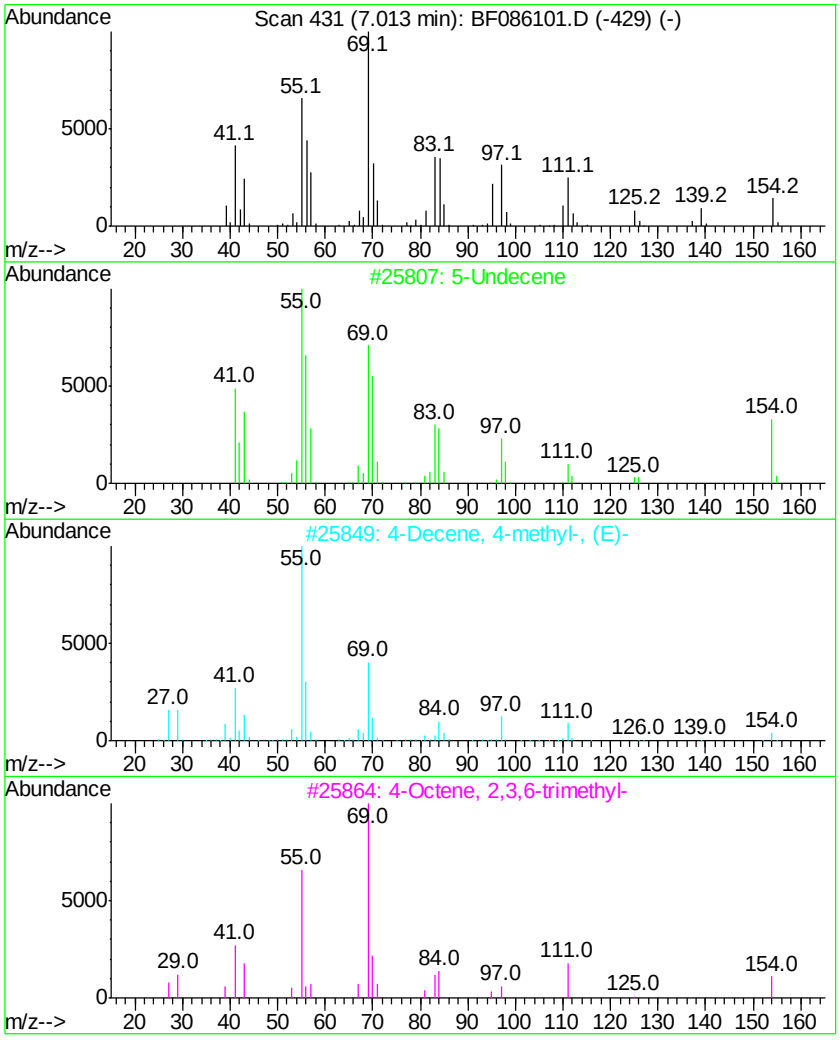
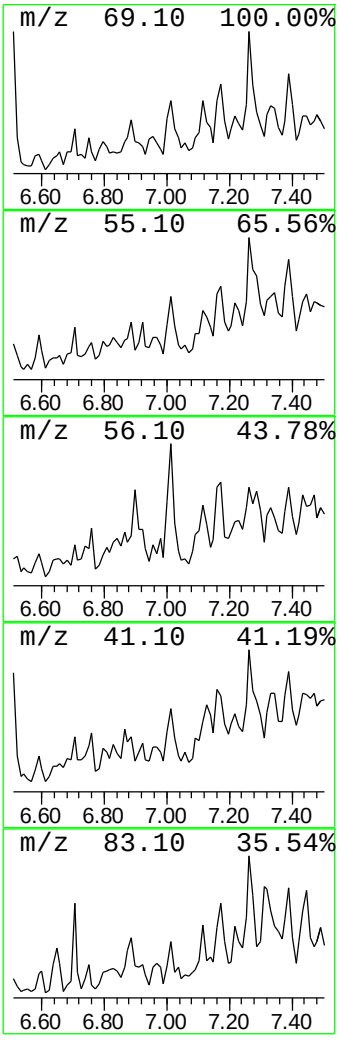
Peak Number 10 5-Undecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	7.59 ng	418241	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene	154	C11H22	004941-53-1	74
2	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	52
3	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	49
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	47
5	Cyclopropane, 1,2-dibutyl-	154	C11H22	041977-32-6	45





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Sample : H2167-01
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Instrument : BNA_F
ClientSampleId : GRID-J3

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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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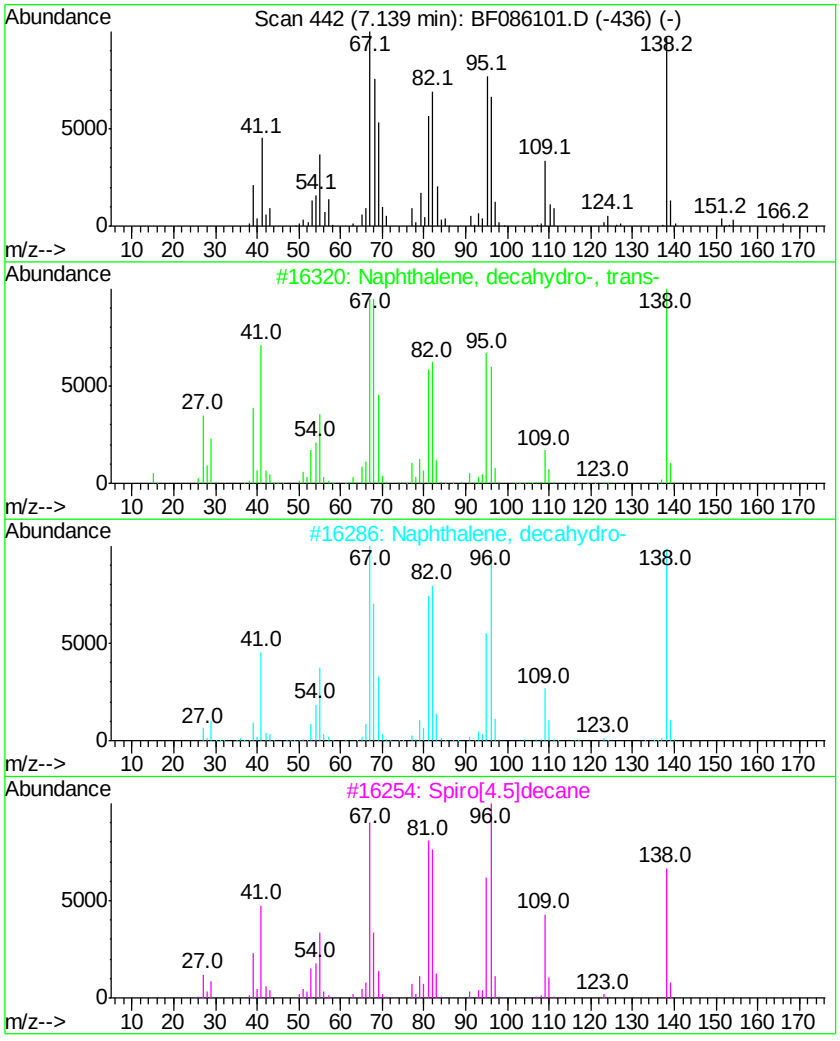
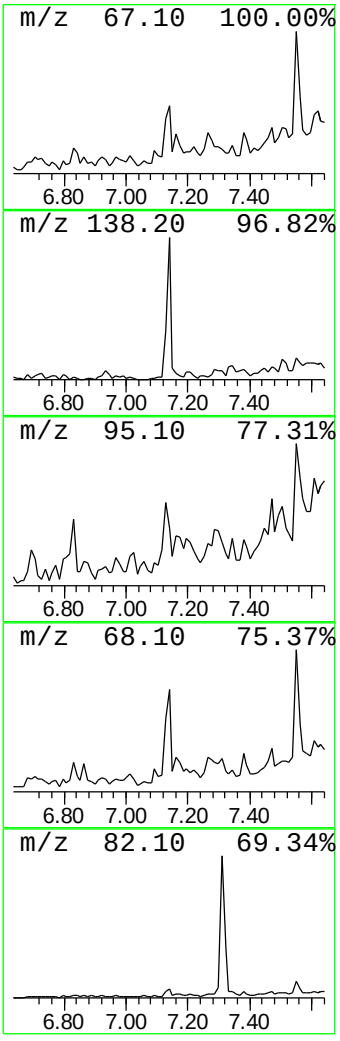
Peak Number 11 Naphthalene, decahydro-, tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	18.34 ng	1010280	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	Spiro[4.5]decane	138	C10H18	000176-63-6	89
4	Cyclodecene	138	C10H18	003618-12-0	83
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74





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Instrument : BNA_F
ClientSampleId : GRID-J3

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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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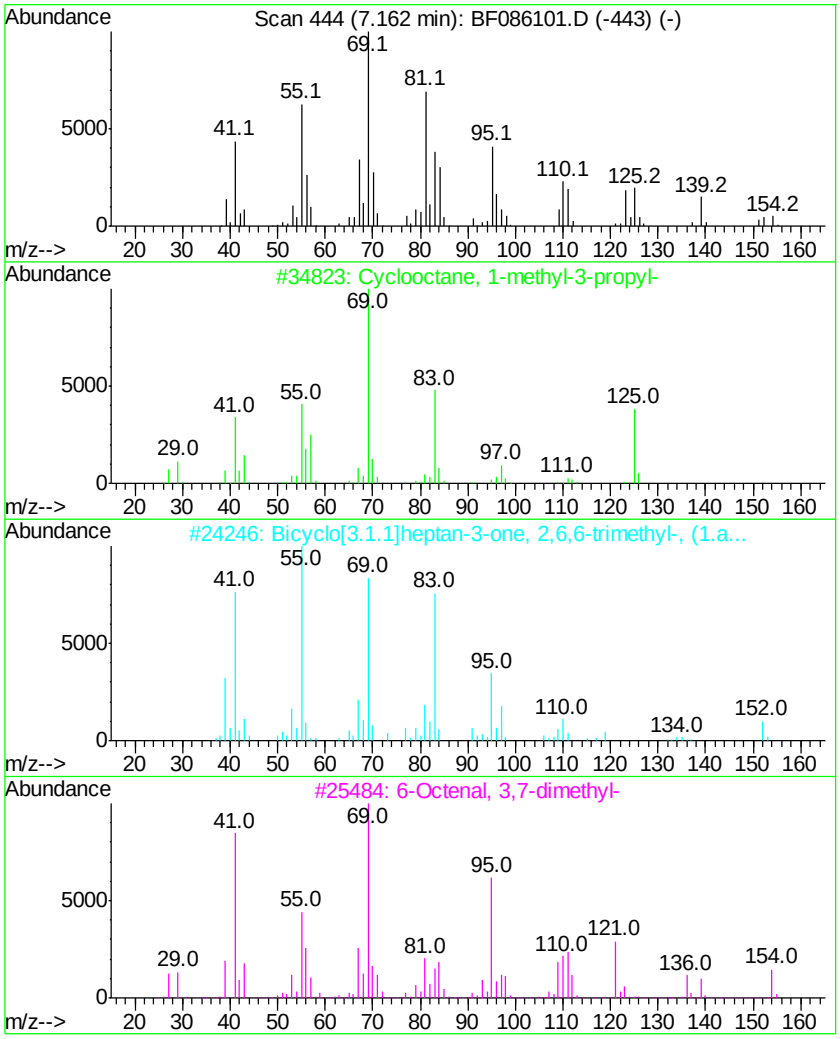
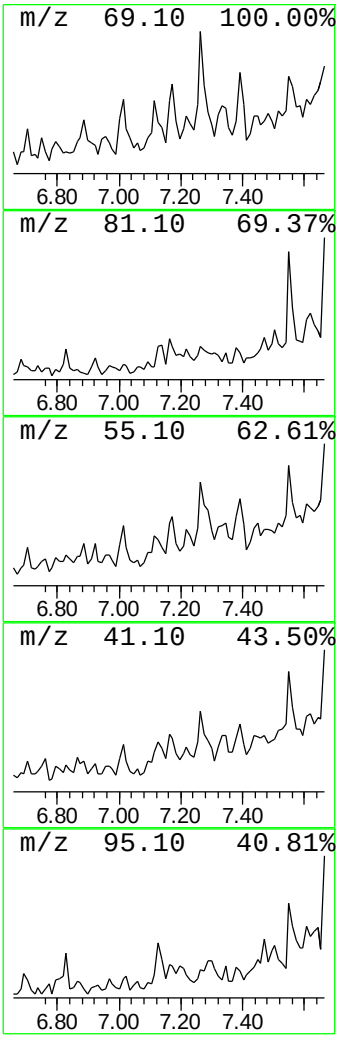
Peak Number 12 unknown7.16 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	8.91 ng	490558	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	43
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
3	6-Octenal, 3,7-dimethyl-	154	C10H18O	000106-23-0	43
4	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	43
5	6-Octen-1-ol, 3,7-dimethyl-, for...	184	C11H20O2	000105-85-1	43





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Sample : H2167-01
Misc :
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Instrument : BNA_F
ClientSampleId : GRID-J3

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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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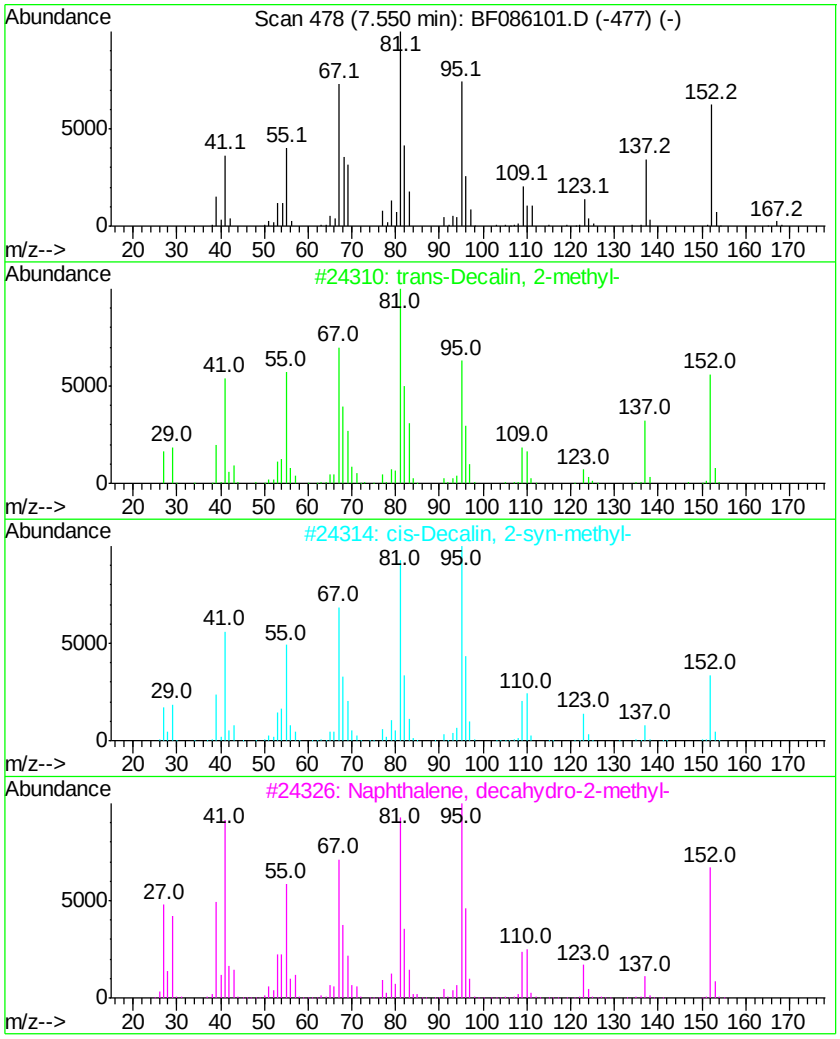
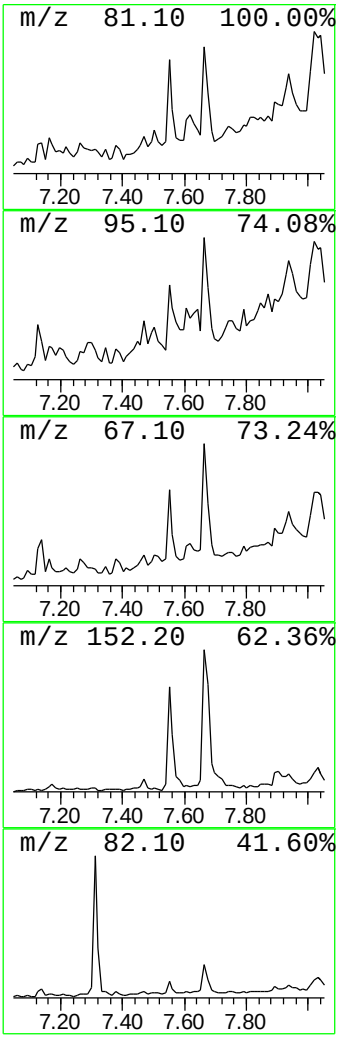
Peak Number 13 trans-Decalin, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	4.67 ng	804167	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	83
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	72
4	Cyclopentane, 1-methyl-3-(2-meth...	138	C10H18	075873-01-7	64
5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	58





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ClientSampleId : GRID-J3

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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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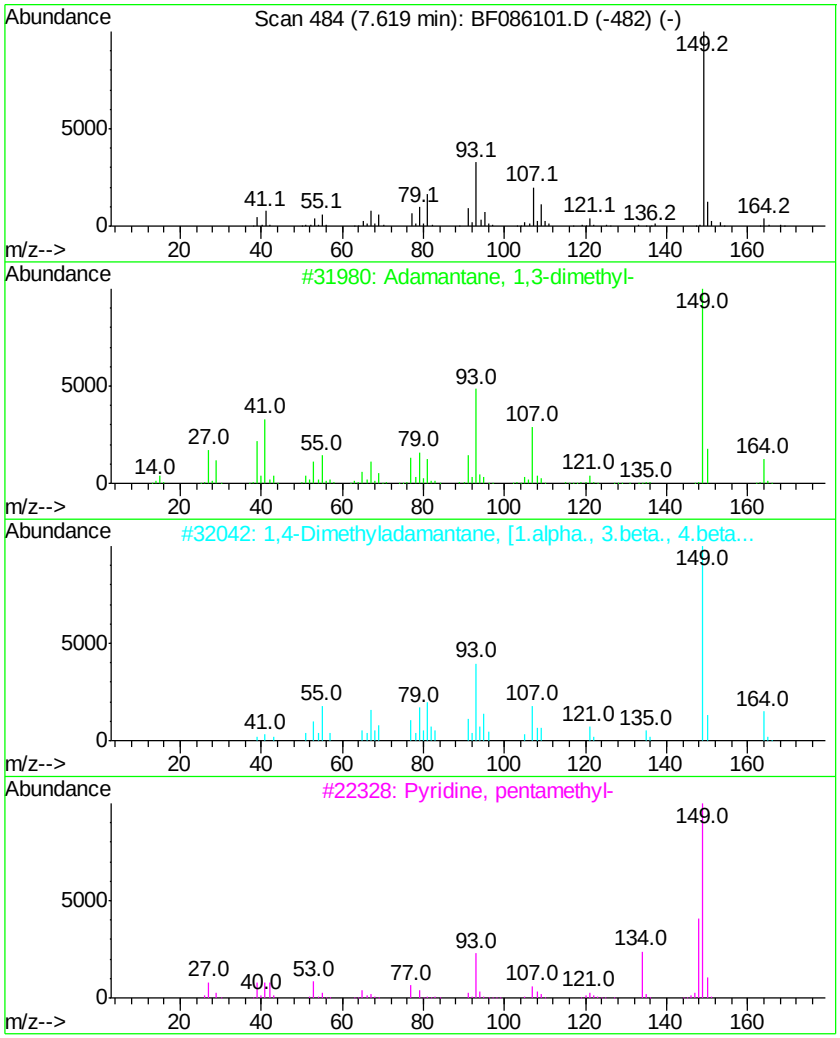
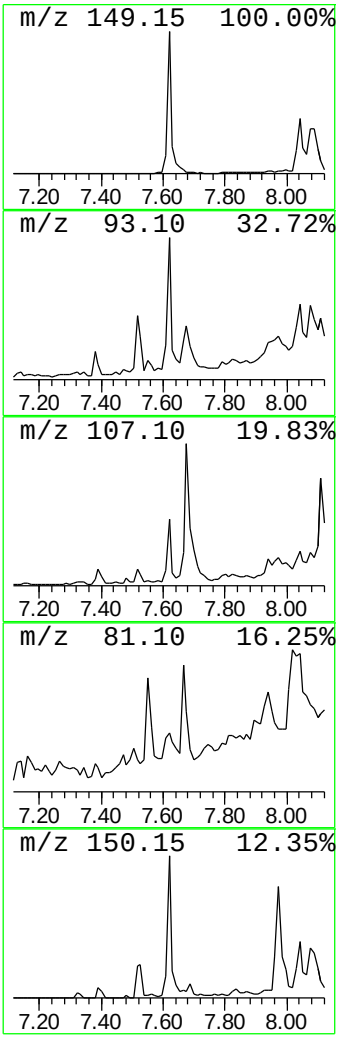
Peak Number 14 Adamantane, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	5.34 ng	919205	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	56
2	1,4-Dimethyladamantane, [1.alpha...	164	C12H20	024145-88-8	56
3	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	53
4	Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	50
5	1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	43





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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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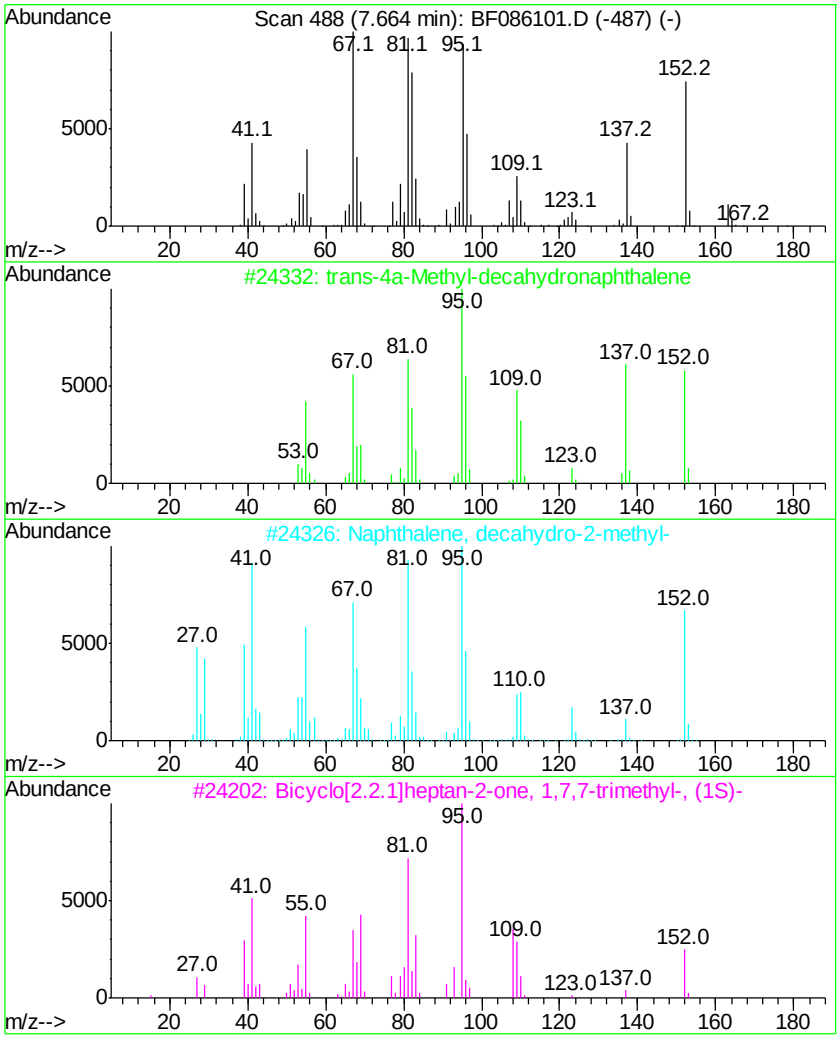
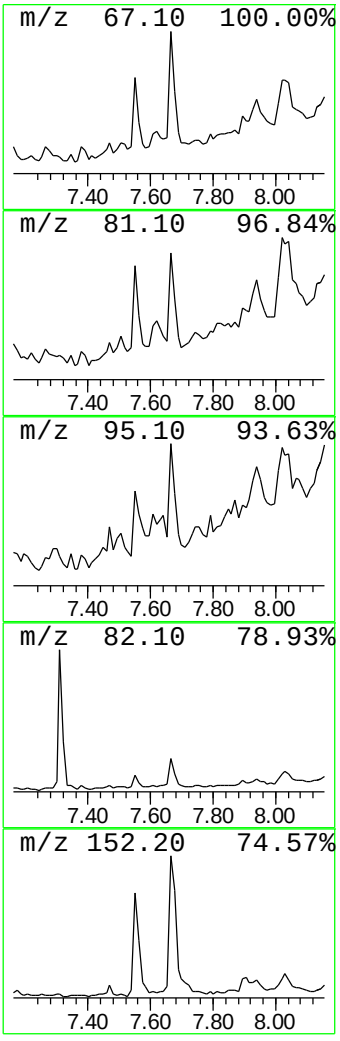
Peak Number 15 trans-4a-Methyl-decahydrona... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	8.75 ng	1505410	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62
4	Cyclopentene,1-hexyl-	152	C11H20	004291-99-0	46
5	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	46





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Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

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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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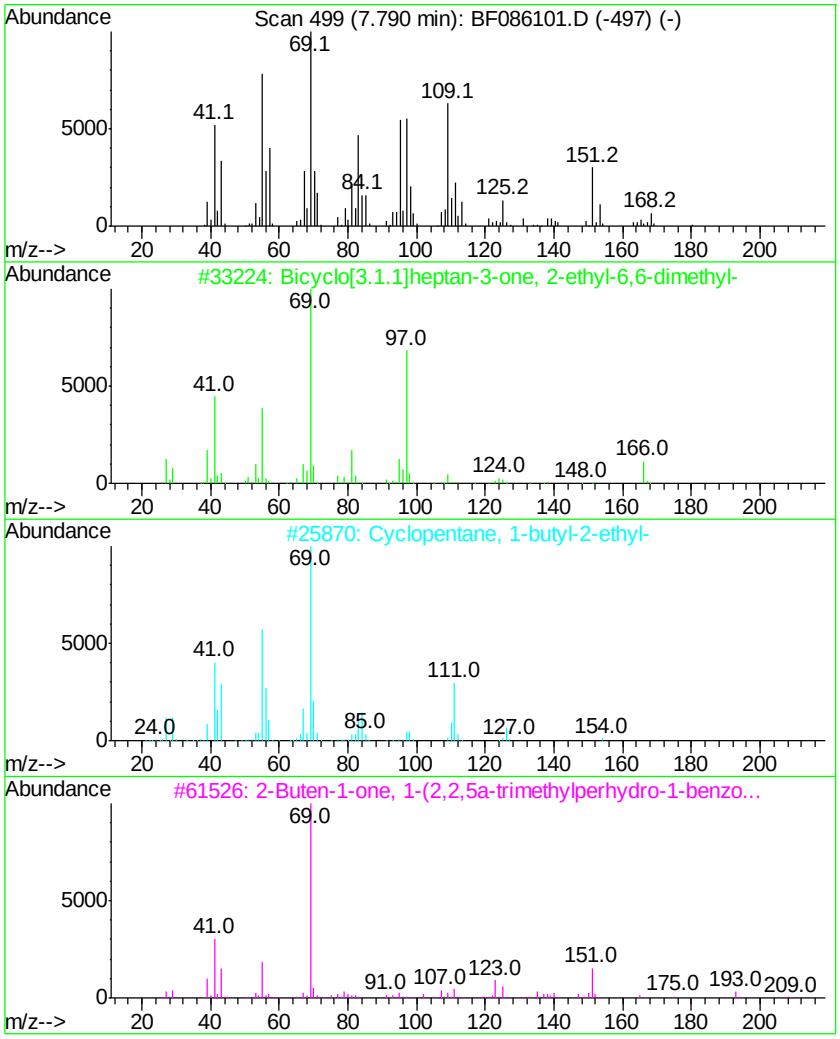
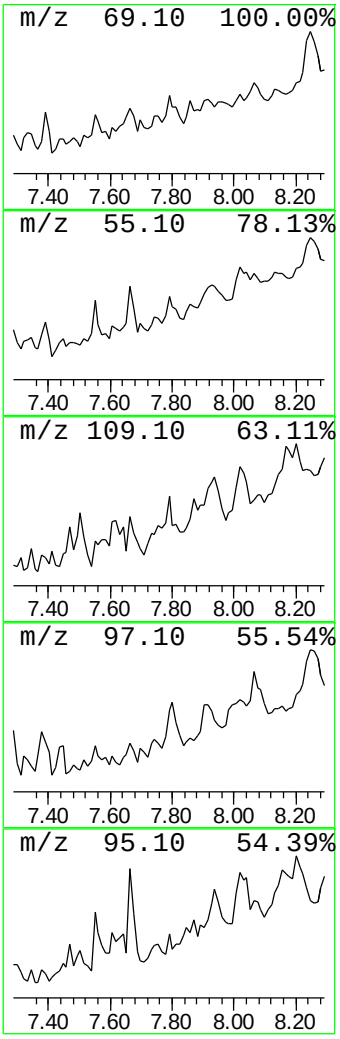
Peak Number 16 unknown7.79 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	4.09 ng	703290	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	27
2	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	25
3	2-Buten-1-one, 1-(2,2,5a-trimeth...	208	C13H20O2	1000196-77-5	22
4	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	22
5	Oxirane, (1,1-dimethylbutyl)-	128	C8H16O	053907-76-9	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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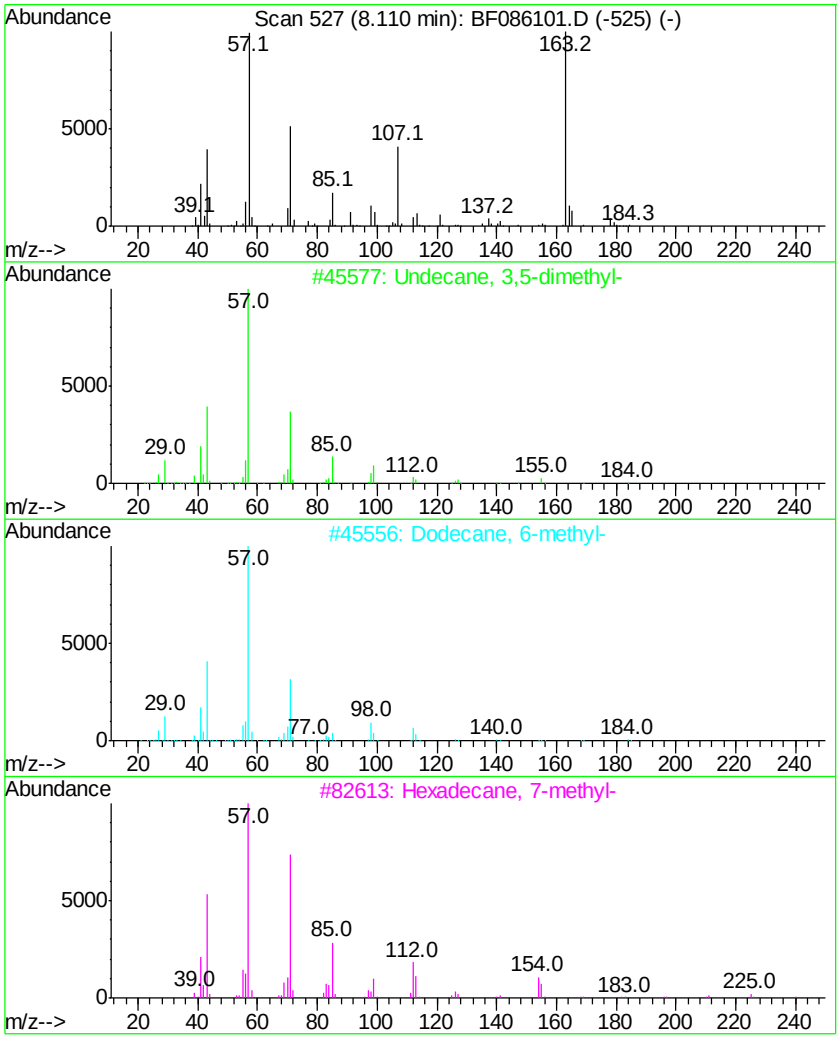
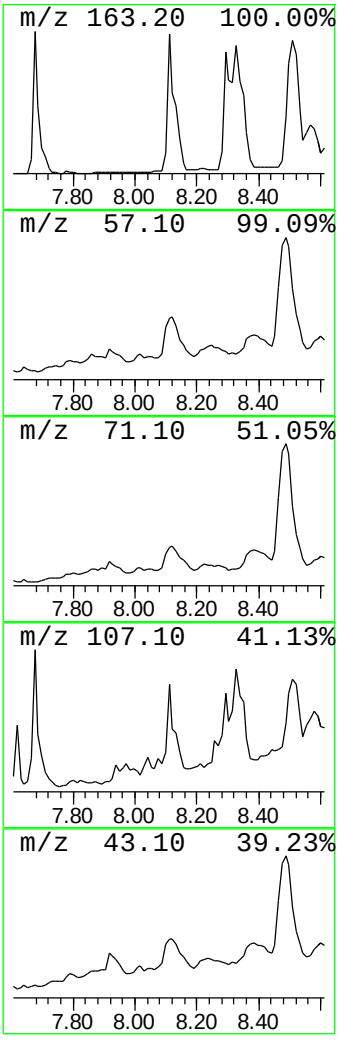
Peak Number 17 unknown8.11 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	12.53 ng	2157390	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	30
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	15
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	14
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	14
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	14





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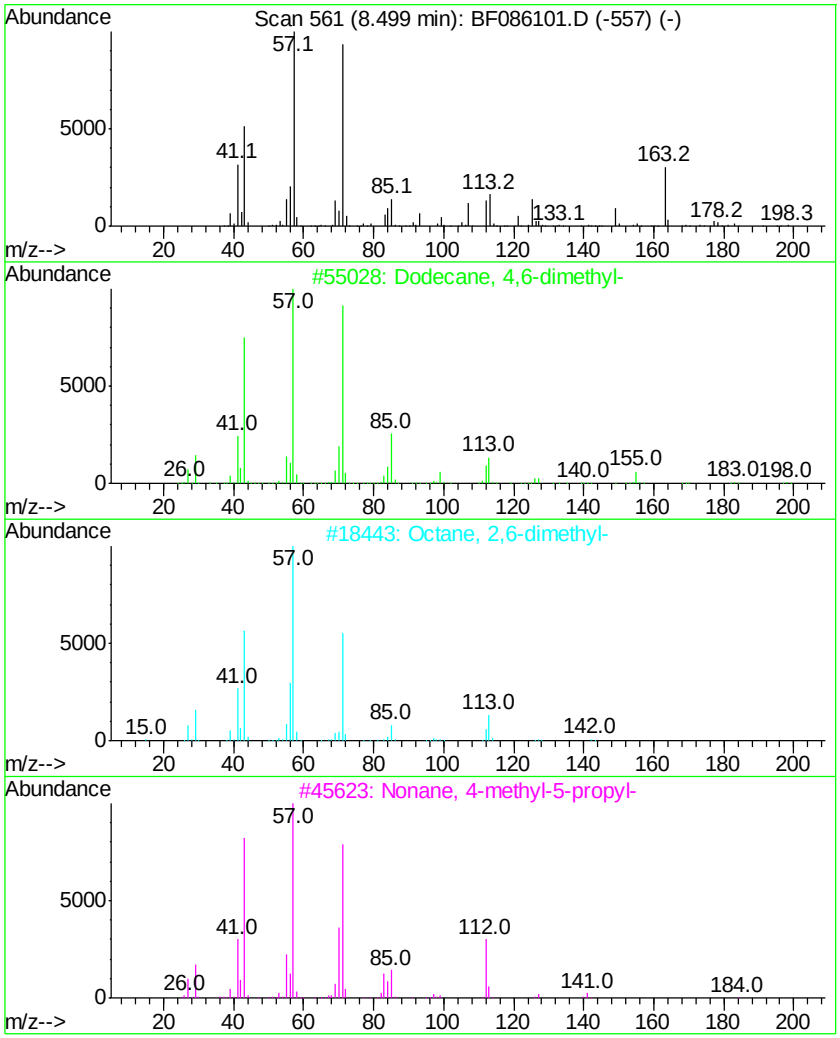
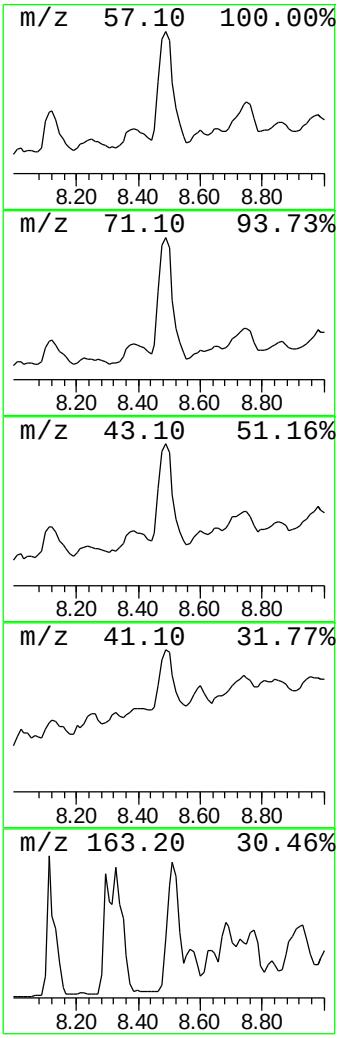
Peak Number 18 Dodecane, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	25.90 ng	4458230	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	50
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	50
5	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	50





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ClientSampleId : GRID-J3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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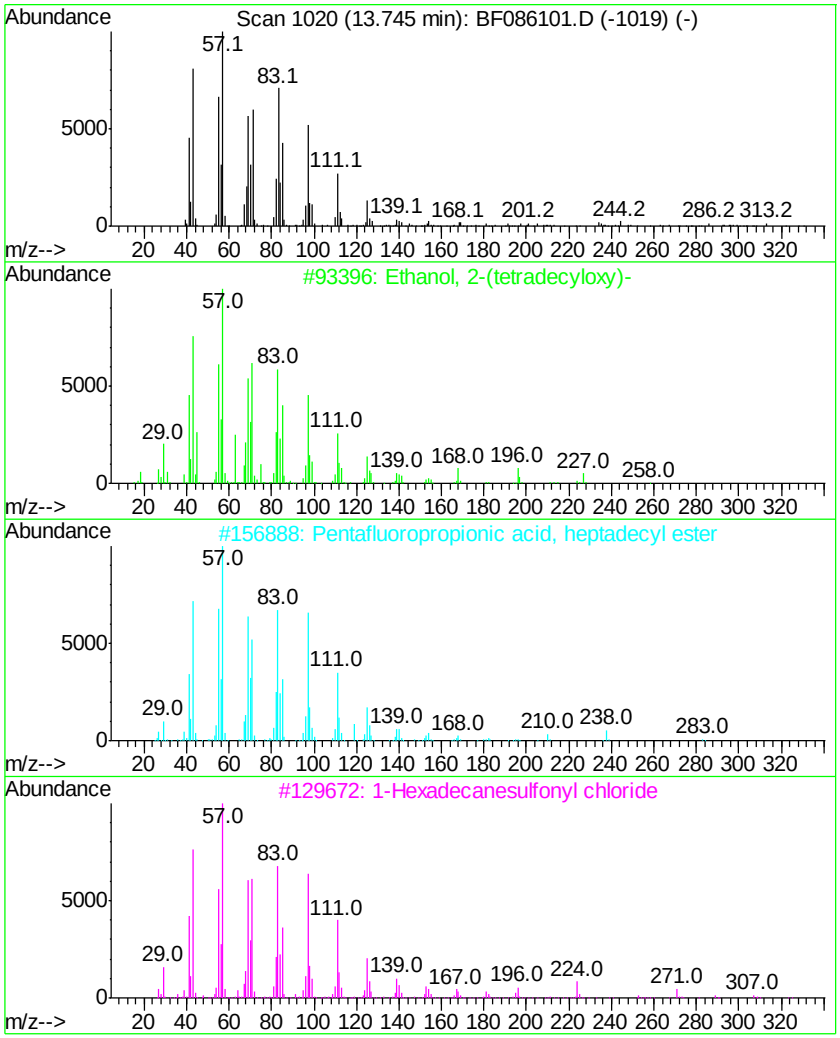
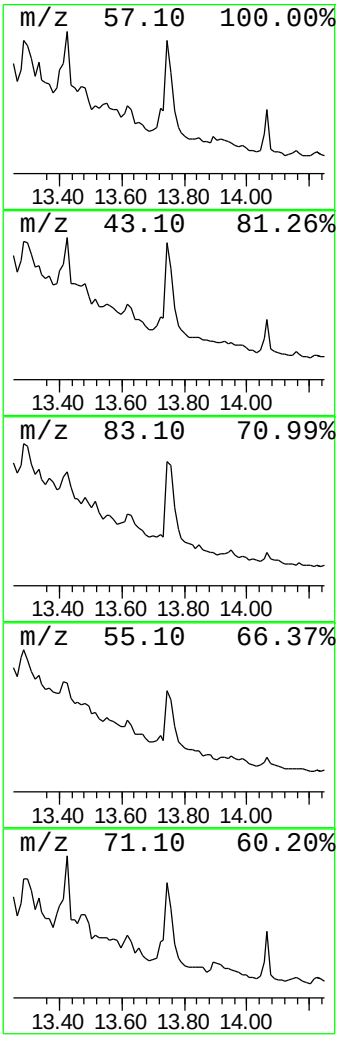
Peak Number 19 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	14.80 ng	646837	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
4	1-Nonadecene	266	C19H38	018435-45-5	76
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	74





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TIC Library : C:\DATABASE\NIST02.L
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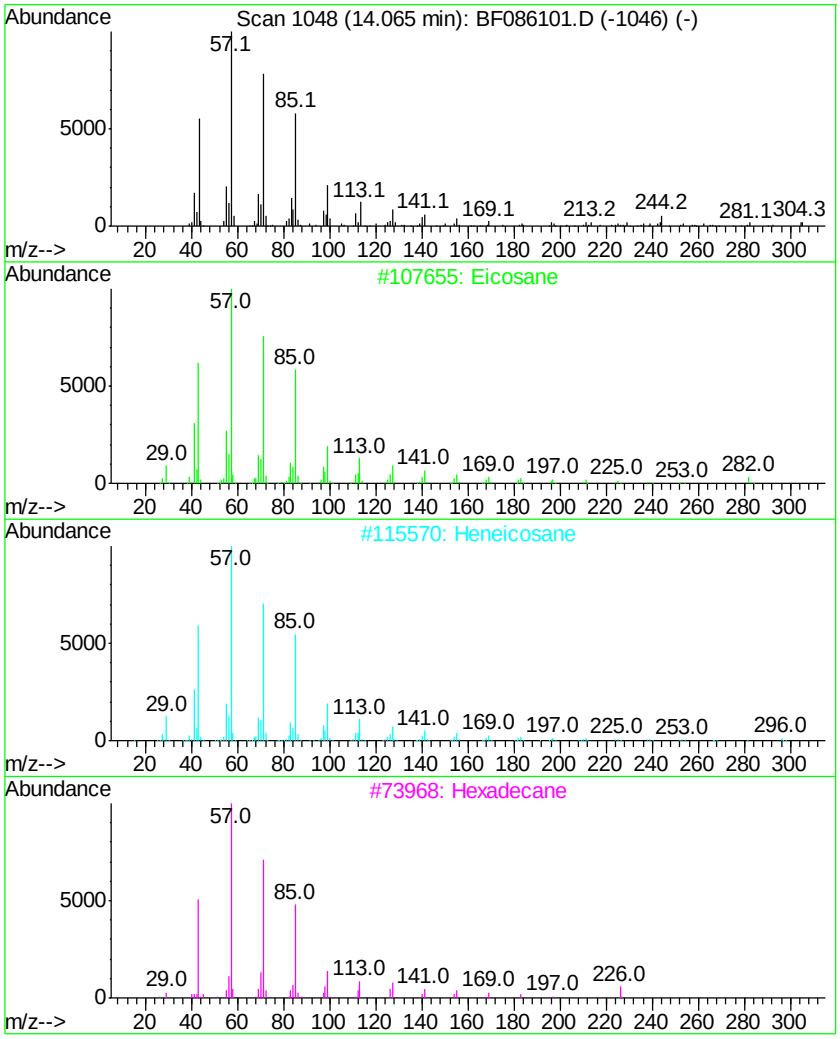
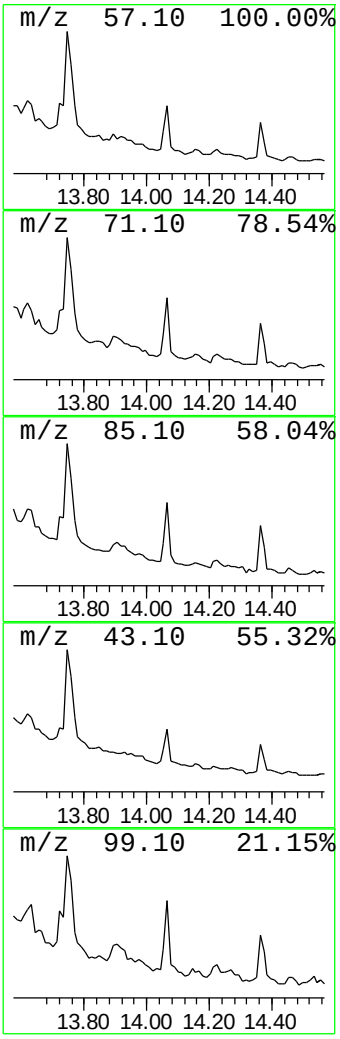
Peak Number 20 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	9.54 ng	416629	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86





Tentatively Identified Compound (LSC) summary

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Sample : H2167-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-J3

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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...	4.90	3.5	ng	194478	1	6.74	1101630	20.0
unknown6.06	6.06	3.7	ng	205788	1	6.74	1101630	20.0
Cyclohexane, 1,1,...	6.26	6.8	ng	373305	1	6.74	1101630	20.0
unknown6.51	6.51	41.5	ng	2284630	1	6.74	1101630	20.0
unknown6.59	6.59	3.6	ng	198066	1	6.74	1101630	20.0
Cyclohexane, 1,1,...	6.66	5.1	ng	283034	1	6.74	1101630	20.0
unknown6.80	6.80	4.3	ng	236655	1	6.74	1101630	20.0
unknown6.97	6.97	3.5	ng	191053	1	6.74	1101630	20.0
5-Undecene	7.01	7.6	ng	418241	1	6.74	1101630	20.0
Naphthalene, deca...	7.14	18.3	ng	1010280	1	6.74	1101630	20.0
unknown7.16	7.16	8.9	ng	490558	1	6.74	1101630	20.0
trans-Decalin, 2-...	7.55	4.7	ng	804167	2	8.03	3442430	20.0
Adamantane, 1,3-d...	7.62	5.3	ng	919205	2	8.03	3442430	20.0
trans-4a-Methyl-d...	7.66	8.8	ng	1505410	2	8.03	3442430	20.0
unknown7.79	7.79	4.1	ng	703290	2	8.03	3442430	20.0
unknown8.11	8.11	12.5	ng	2157390	2	8.03	3442430	20.0
Dodecane, 4,6-dim...	8.50	25.9	ng	4458230	2	8.03	3442430	20.0
Ethanol, 2-(tetra...	13.75	14.8	ng	646837	5	13.90	873830	20.0
Eicosane	14.07	9.5	ng	416629	5	13.90	873830	20.0