LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106521.D
Acq On : 16 Jun 2018 5:11
Operator : JU/SJ
Sample : J3447-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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	3.201	134	147	152	rBV3	19066	45184	1.63%	0.183%
2	3.595	204	214	221	rBV2	28235	52037	1.87%	0.211%
3	3.743	230	239	245	rBV5	23918	47350	1.70%	0.192%
4	4.001	275	283	288	rVB2	24452	37094	1.34%	0.150%
5	4.072	288	295	304	rBV3	51161	86392	3.11%	0.350%
6	4.331	335	339	344	rBV3	34994	49768	1.79%	0.202%
7	4.478	358	364	369	rBV2	119801	157120	5.66%	0.637%
8	4.590	380	383	389	rVB2	22661	28732	1.03%	0.116%
9	4.660	389	395	403	rBV	258988	310318	11.17%	1.258%
10	4.748	403	410	415	rBV2	332532	389139	14.01%	1.578%
11	4.895	431	435	440	rBV3	29062	40803	1.47%	0.165%
12	4.990	447	451	454	rBV	72165	77589	2.79%	0.315%
13	5.019	454	456	461	rVB2	61794	65919	2.37%	0.267%
14	5.101	466	470	474	rVV	96706	108630	3.91%	0.440%
15	5.195	482	486	492	rBV2	140218	169436	6.10%	0.687%
16	5.260	492	497	500	rVB2	52986	72462	2.61%	0.294%
17	5.295	500	503	506	rBV	41831	39830	1.43%	0.161%
18	5.395	512	520	522	rBV2	43051	56928	2.05%	0.231%
19	5.431	522	526	529	rVV	85684	94845	3.41%	0.384%
20	5.466	529	532	535	rVV	88951	83727	3.01%	0.339%
21	5.525	538	542	546	rBV3	50303	59412	2.14%	0.241%
22	5.578	546	551	554	rBV	153252	212445	7.65%	0.861%
23	5.613	554	557	563	rVV	1269258	1330141	47.89%	5.392%
24	5.672	563	567	569	rVV2	56573	62984	2.27%	0.255%
25	5.701	569	572	576	rVV2	100725	106565	3.84%	0.432%
26	5.760	579	582	584	rVV	54203	60738	2.19%	0.246%
27	5.789	584	587	590	rVB2	29013	30021	1.08%	0.122%
28	5.854	596	598	600	rBV	68124	66042	2.38%	0.268%
29	5.872	600	601	606	rVB2	79418	68208	2.46%	0.277%
30	5.972	616	618	619	rBV	47479	36782	1.32%	0.149%
31	5.995	619	622	625	rVB	151817	138905	5.00%	0.563%
32	6.131	642	645	647	rBV	156405	130312	4.69%	0.528%
33	6.154	647	649	653	rVB2	46652	40858	1.47%	0.166%
34	6.278	666	670	672	rBV4	32999	42189	1.52%	0.171%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3447-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.319	675	677	680	rVB2	92196	79191	2.85%	0.321%
36	6.354	680	683	686	rBV3	27221	32079	1.16%	0.130%
37	6.384	686	688	690	rVV	115048	99001	3.56%	0.401%
38	6.407	690	692	695	rVB	85532	71410	2.57%	0.289%
39	6.501	704	708	710	rBV	43644	46433	1.67%	0.188%
40	6.607	723	726	733	rVB	976817	932779	33.59%	3.781%
41	6.742	745	749	752	rBV	2377714	2202365	79.30%	8.928%
42	6.766	752	753	756	rVB2	56818	34549	1.24%	0.140%
43	6.931	778	781	783	rVB3	47643	40337	1.45%	0.164%
44	6.966	783	787	790	rBV	846637	680713	24.51%	2.760%
45	7.036	796	799	804	rVB	81196	66578	2.40%	0.270%
46	7.089	806	808	810	rVV	107006	98633	3.55%	0.400%
47	7.125	810	814	817	rVB	2321656	2145922	77.27%	8.699%
48	7.278	836	840	844	rBV4	77966	87029	3.13%	0.353%
49	7.360	850	854	858	rBV4	47118	48962	1.76%	0.198%
50	7.442	864	868	871	rVB2	32667	32092	1.16%	0.130%
51	7.531	878	883	886	rBV	1785514	1708284	61.51%	6.925%
52	7.589	889	893	894	rBV	65735	53693	1.93%	0.218%
53	7.607	894	896	899	rVB2	74239	72970	2.63%	0.296%
54	7.648	901	903	908	rVB	108127	90594	3.26%	0.367%
55	7.701	908	912	915	rVB3	40726	50581	1.82%	0.205%
56	7.748	915	920	922	rBV3	34536	45629	1.64%	0.185%
57	7.778	922	925	927	rVB	46907	37782	1.36%	0.153%
58	7.807	927	930	932	rBV	187783	133903	4.82%	0.543%
59	7.831	932	934	941	rBV5	29336	38576	1.39%	0.156%
60	7.889	941	944	947	rBV	130392	93941	3.38%	0.381%
61	7.931	947	951	953	rVB	178853	150059	5.40%	0.608%
62	8.048	967	971	974	rBV2	50921	60481	2.18%	0.245%
63	8.248	1001	1005	1011	rBV	924038	940020	33.85%	3.811%
64	8.301	1011	1014	1021	rVB5	27316	45314	1.63%	0.184%
65	8.489	1041	1046	1050	rVB4	42704	51261	1.85%	0.208%
66	8.930	1115	1121	1124	rBV5	23007	32520	1.17%	0.132%
67	9.325	1183	1188	1191	rBV	2781036	2671413	96.19%	10.829%
68	9.713	1250	1254	1259	rBV	124451	111442	4.01%	0.452%
69	9.919	1285	1289	1293	rBV	49498	38248	1.38%	0.155%
70	10.007	1300	1304	1311	rVB	804333	685836	24.69%	2.780%
71	10.419	1372	1374	1377	rVB	64421	46004	1.66%	0.186%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3447-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.801	1434	1439	1442	rBV	1566857	1488615	53.60%	6.035%
73	10.895	1452	1455	1465	rVB	45824	54265	1.95%	0.220%
74	11.495	1554	1557	1561	rBV	777302	661225	23.81%	2.681%
75	13.083	1823	1827	1830	rBV	2838714	2777312	100.00%	11.259%
76	13.965	1973	1977	1984	rBV	48386	64039	2.31%	0.260%
77	14.142	2003	2007	2011	rBV	803189	719956	25.92%	2.919%
78	14.995	2148	2152	2157	rBV	158642	167138	6.02%	0.678%
79	15.677	2262	2268	2275	rBV	356988	479892	17.28%	1.945%

Sum of corrected areas: 24667971

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
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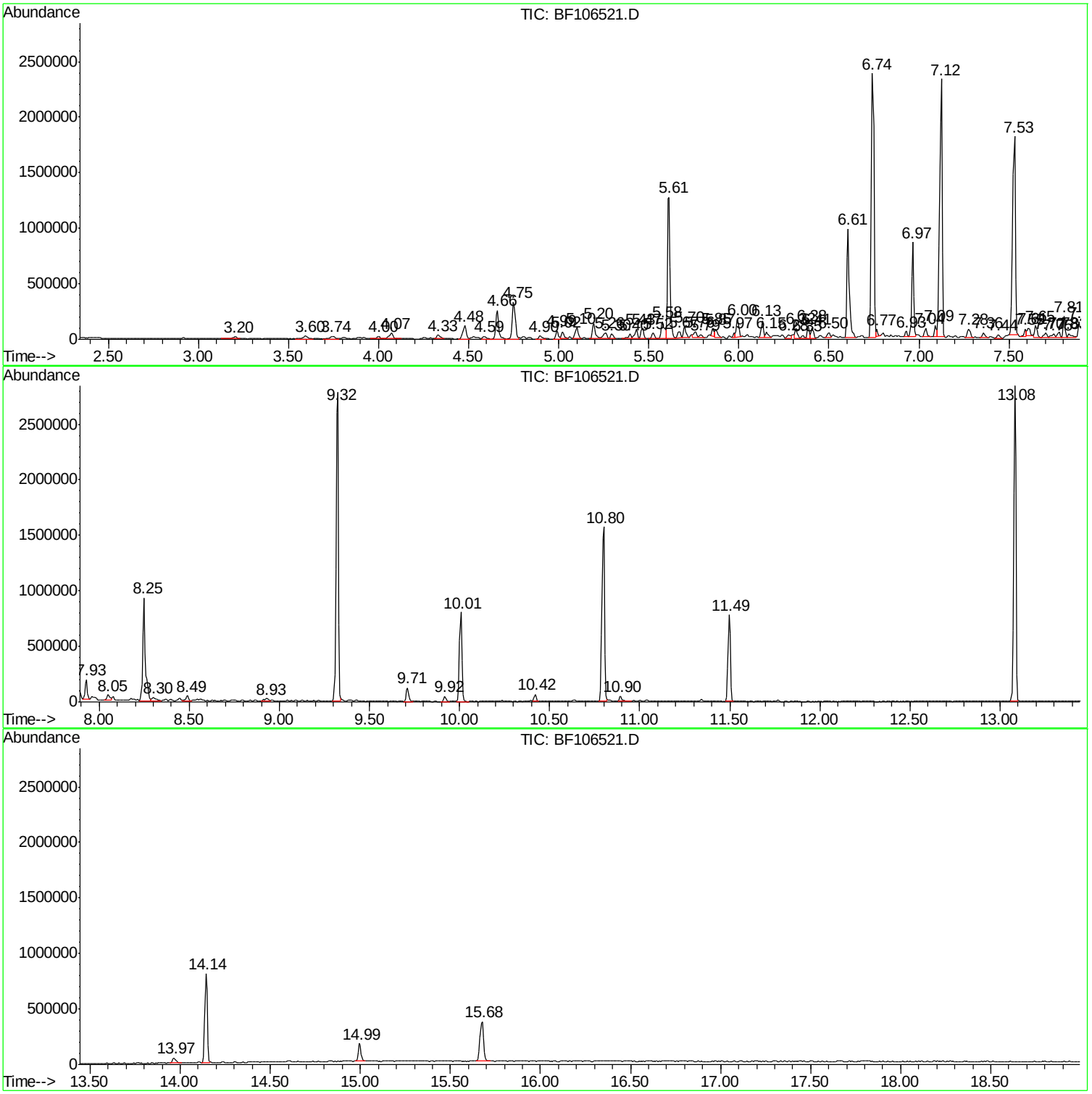
Sample : J3447-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106521.D
Acq On : 16 Jun 2018 5:11
Operator : JU/SJ
Sample : J3447-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

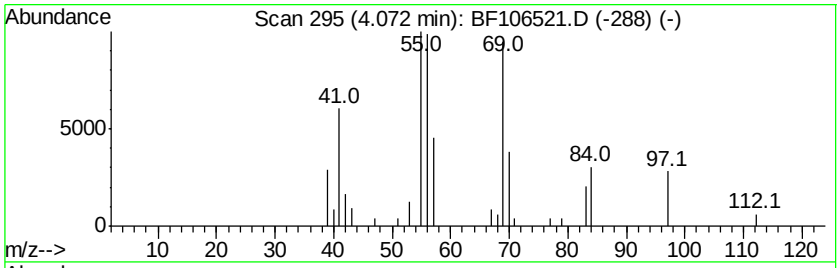
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

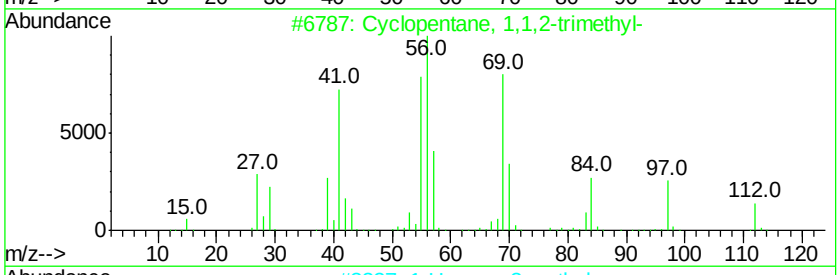
****

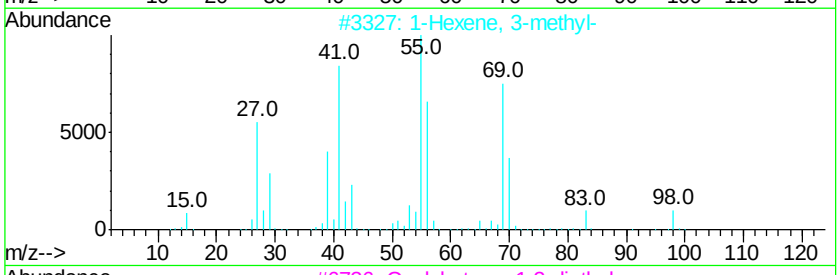
Peak Number 1 Cyclopentane, 1,1,2-trimethyl- Concentration Rank 18

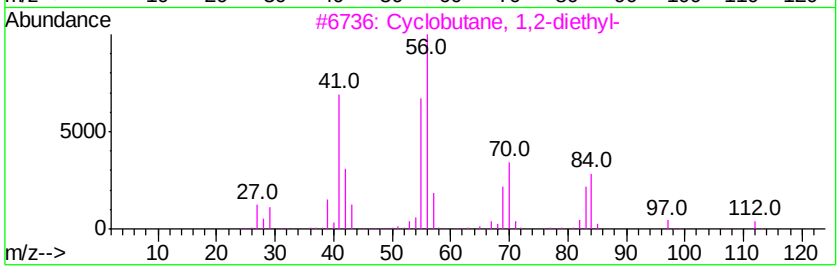
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	2.54 ng	86392	1,4-Dichlorobenzene-d4	6.97

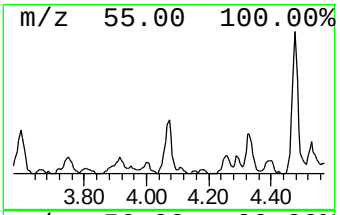
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	91
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47
3	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	47
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	43

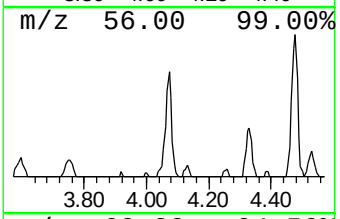


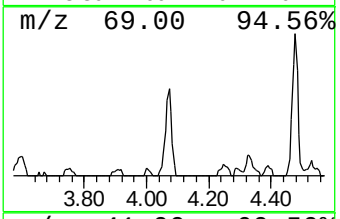


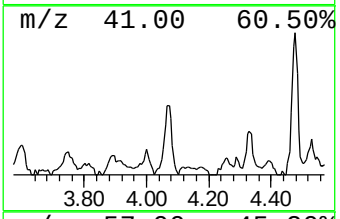


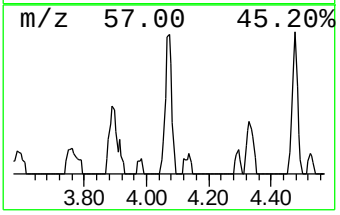












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106521.D
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Operator : JU/SJ
Sample : J3447-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

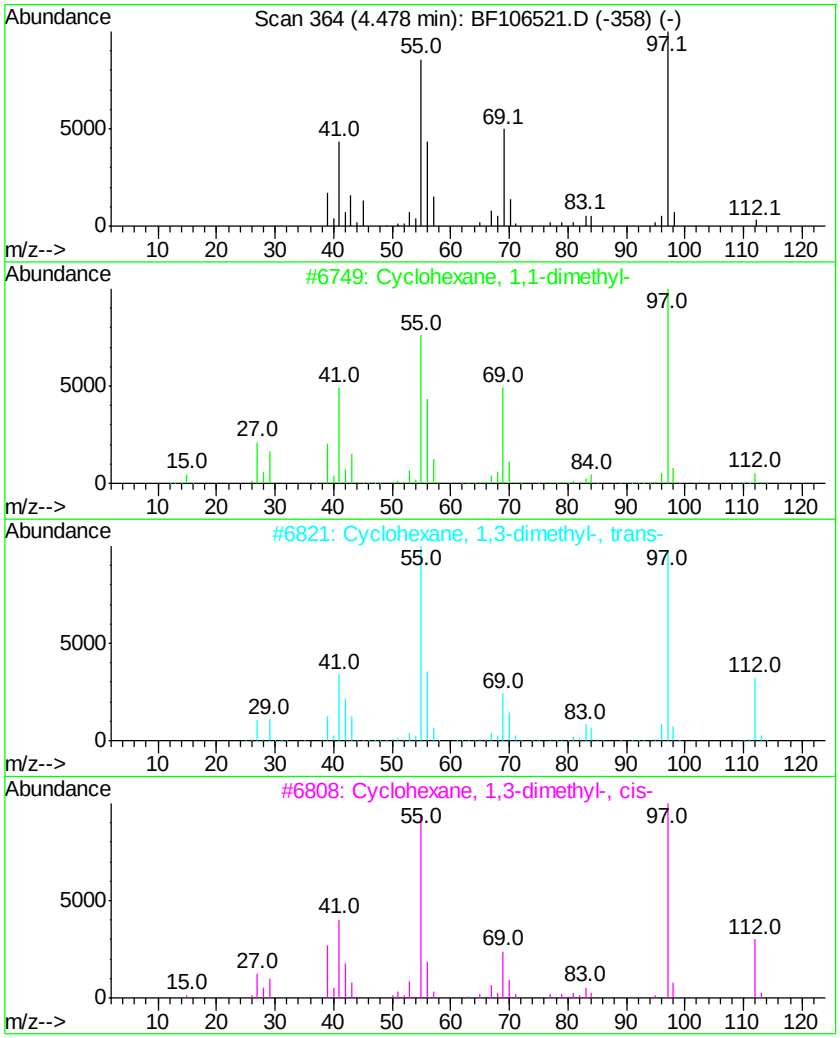
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

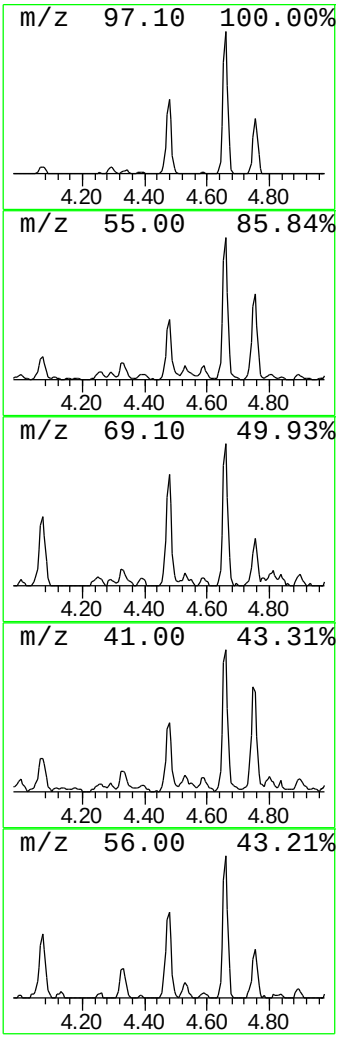
****

Peak Number 2 Cyclohexane, 1,1-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	4.62 ng	157120	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	95
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50





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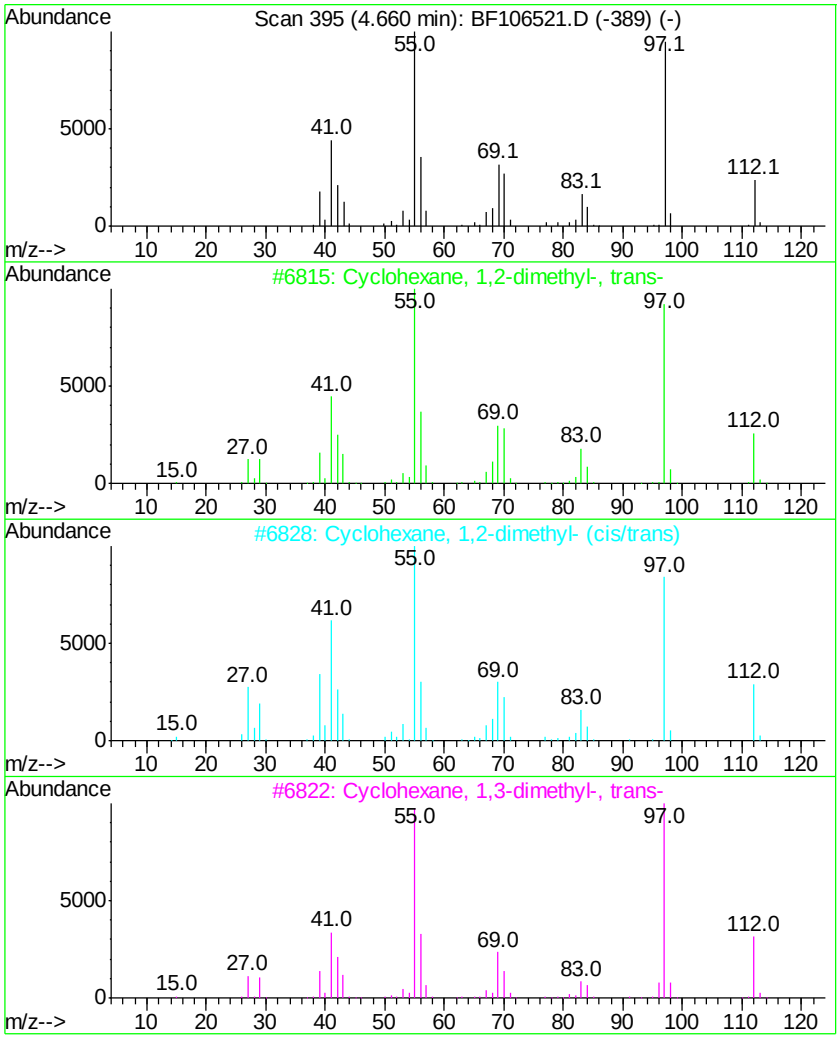
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

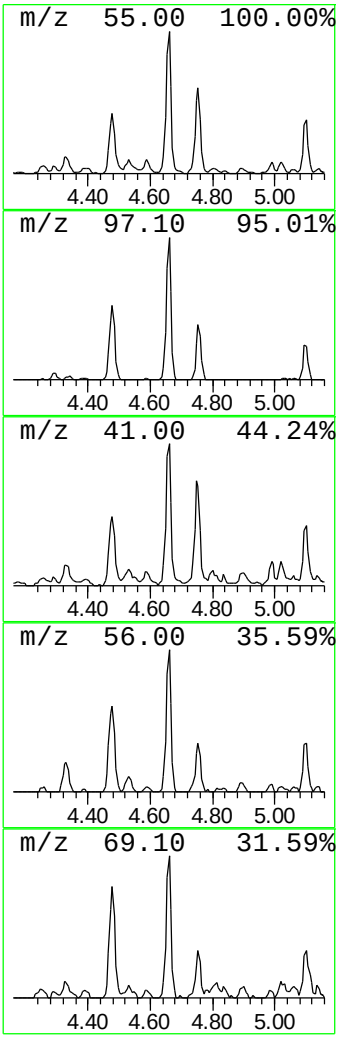
****

Peak Number 3 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	9.12 ng	310318	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	96
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	83
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	80





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

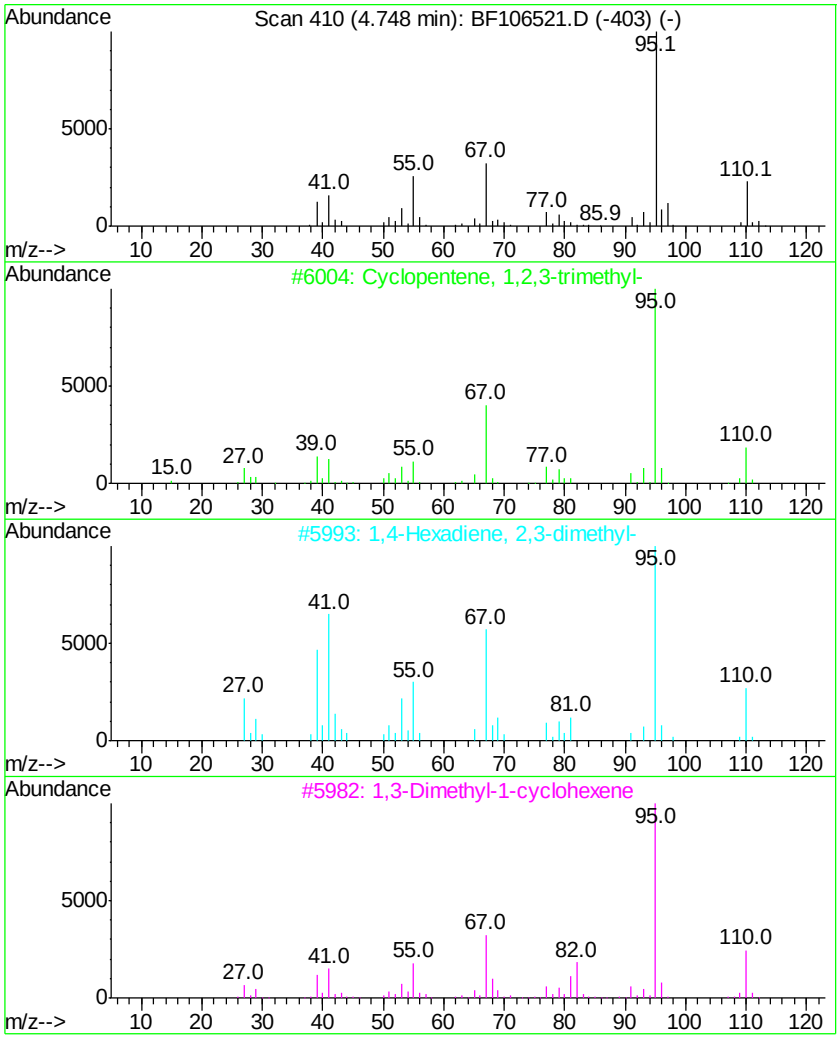
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

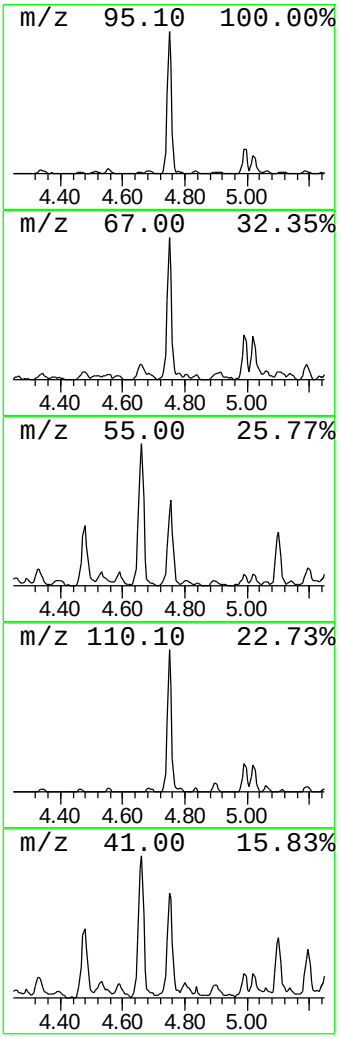
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	11.43 ng	389139	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
2	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	87
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	87
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	72
5	1-(3H-Imidazol-4-yl)-ethanone	110	C5H6N2O	061985-25-9	64





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Instrument : BNA_F
ClientSampleId : W-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

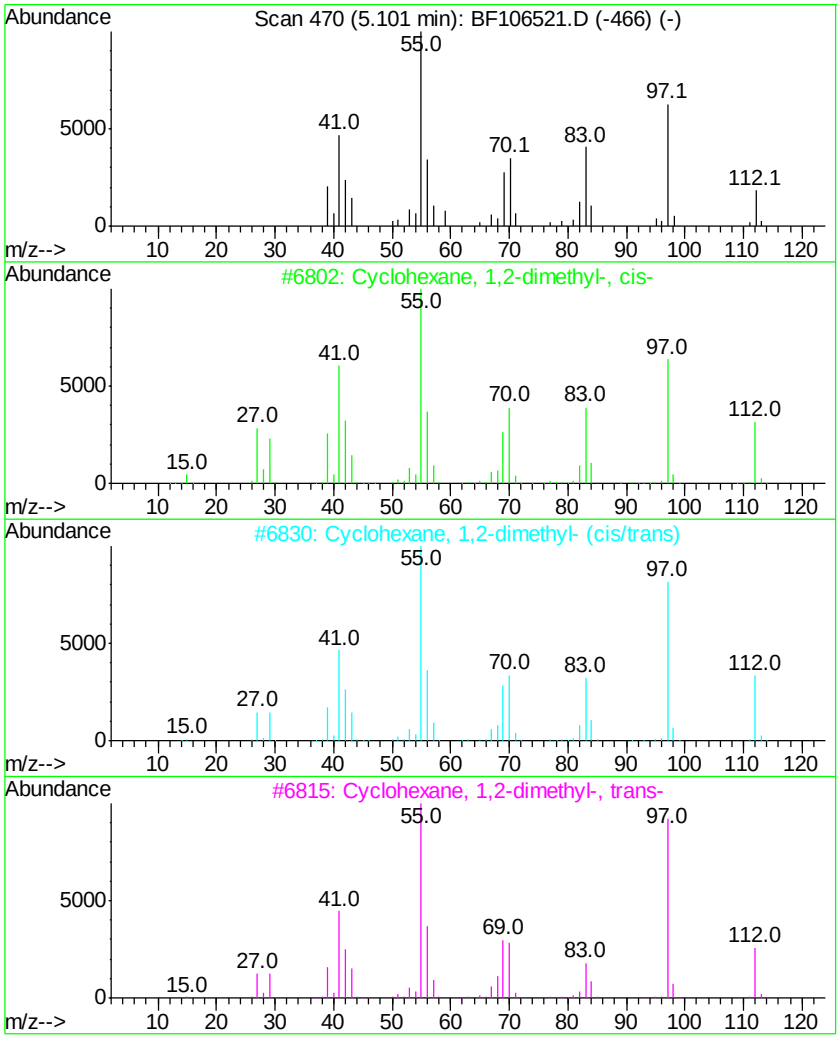
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

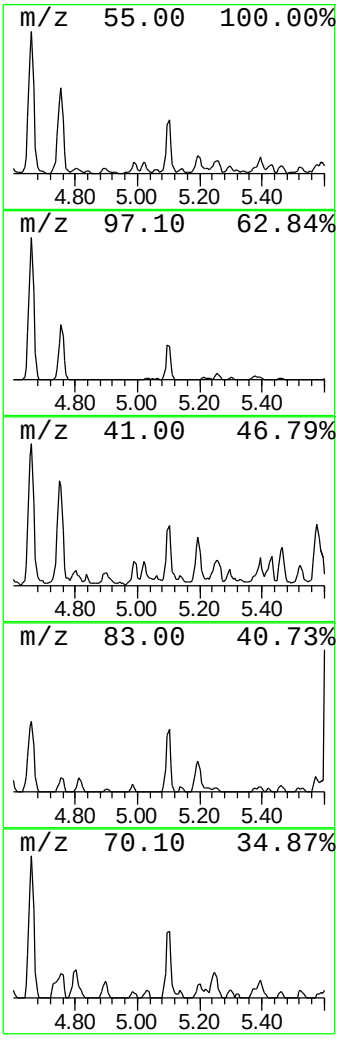
****

Peak Number 5 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	3.19 ng	108630	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	96
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
4	4-Octene, (E)-	112	C8H16	014850-23-8	53
5	2-Octene, (Z)-	112	C8H16	007642-04-8	50





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Operator : JU/SJ
Sample : J3447-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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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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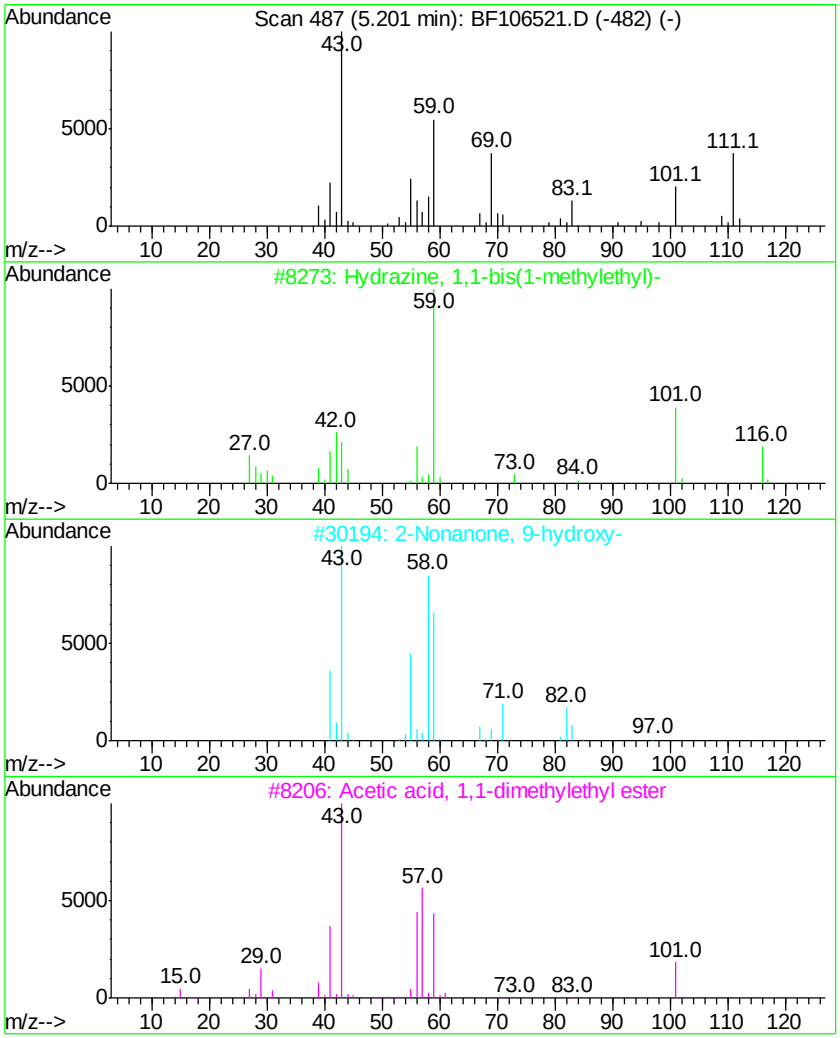
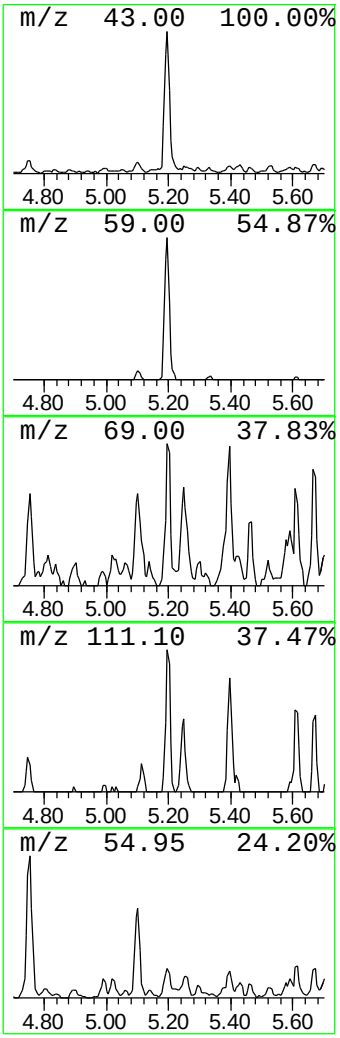
Peak Number 6 unknown5.20 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	4.98 ng	169436	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	25
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	17
5	1-[1,2,4]Triazol-1-ylethanone	111	C4H5N3O	015625-88-4	14





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

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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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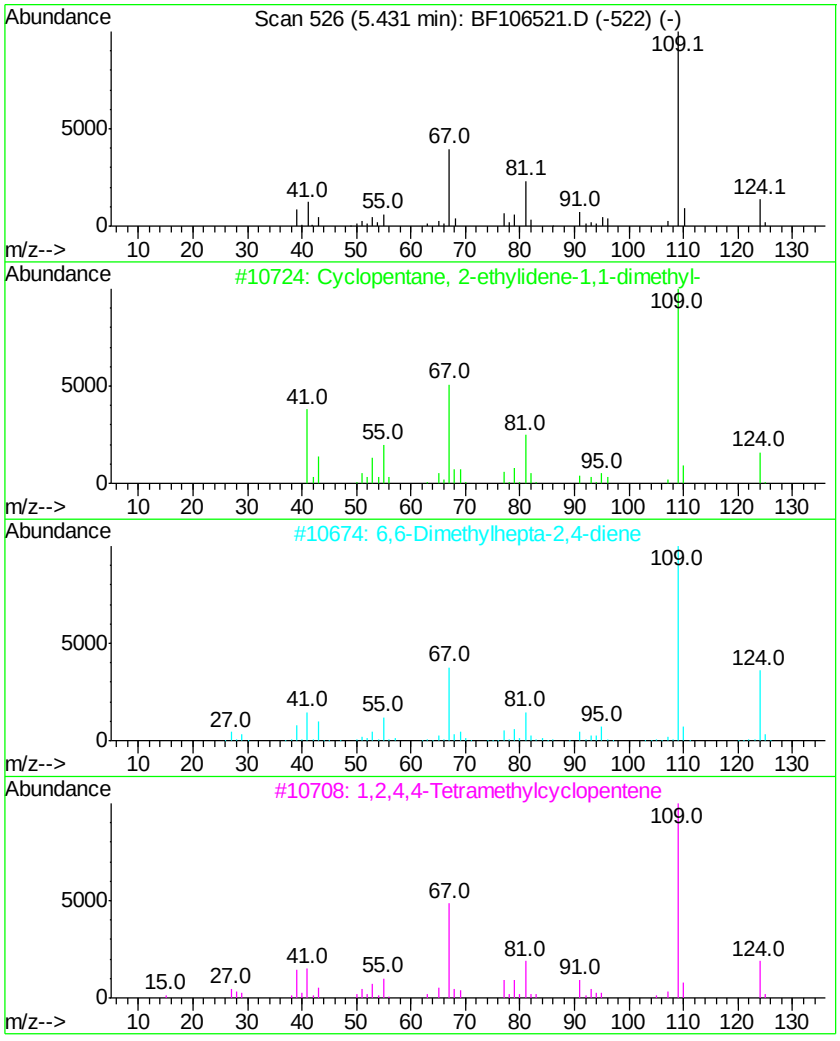
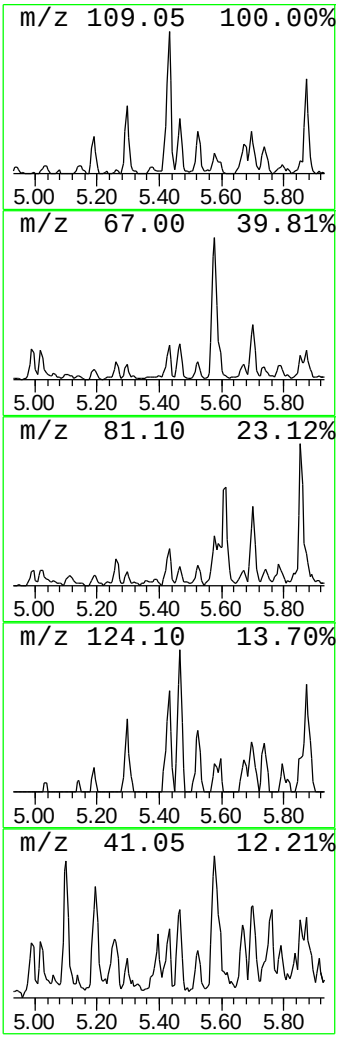
Peak Number 7 Cyclopentane, 2-ethylidene-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	2.79 ng	94845	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	91
2	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	86
3	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	86
4	Ketone, isopropylidenecyclopropy...	124	C8H12O	029765-67-1	53
5	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	52





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ClientSampleId : W-19

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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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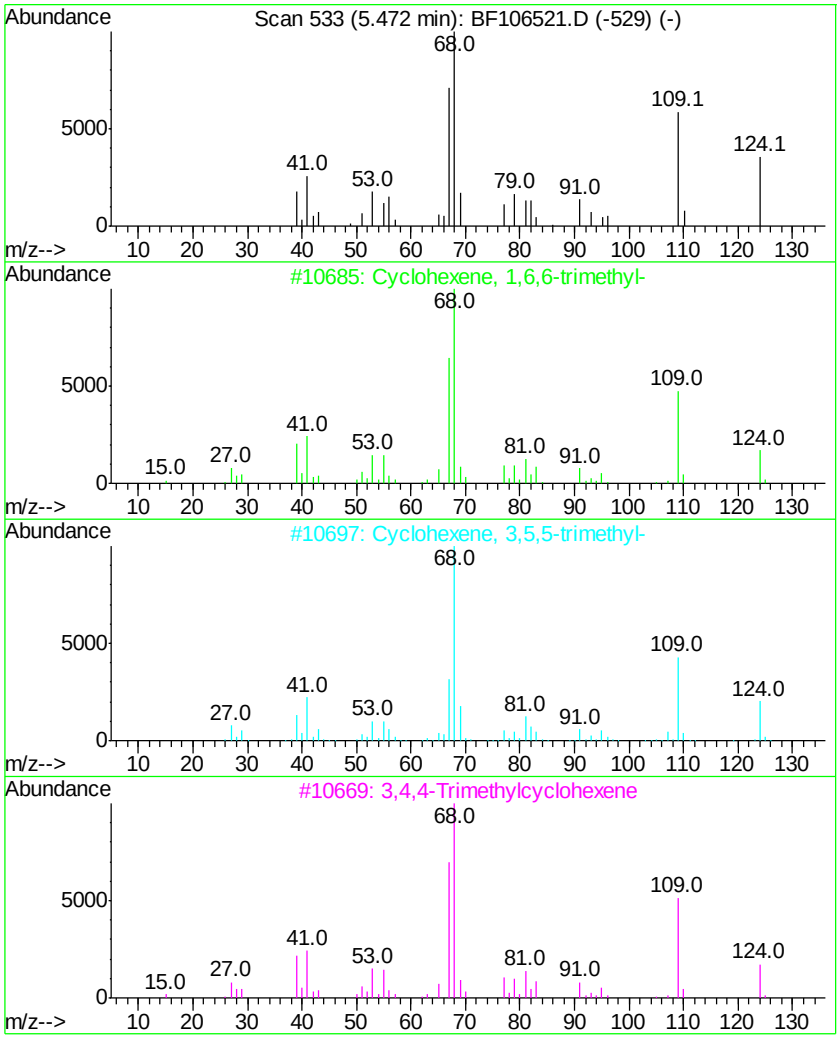
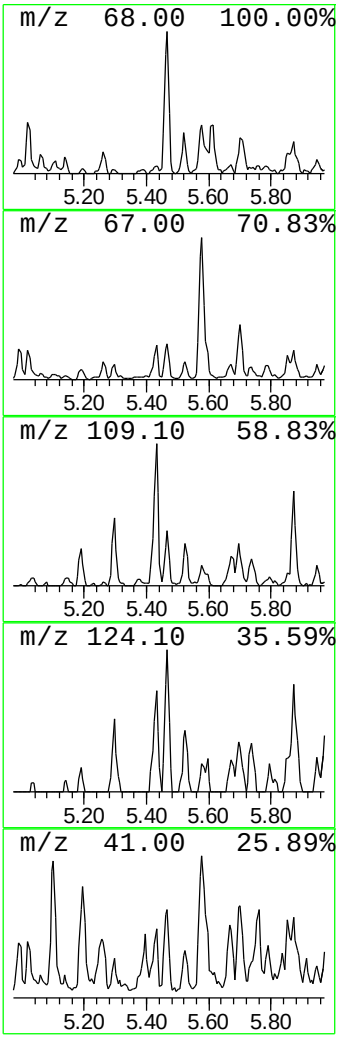
Peak Number 8 Cyclohexene, 1,6,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	2.46 ng	83727	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,6,6-trimethyl-	124	C9H16	069745-49-9	90
2	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	87
3	3,4,4-Trimethylcyclohexene	124	C9H16	1000113-50-1	87
4	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	46
5	1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	46





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Instrument : BNA_F
ClientSampleId : W-19

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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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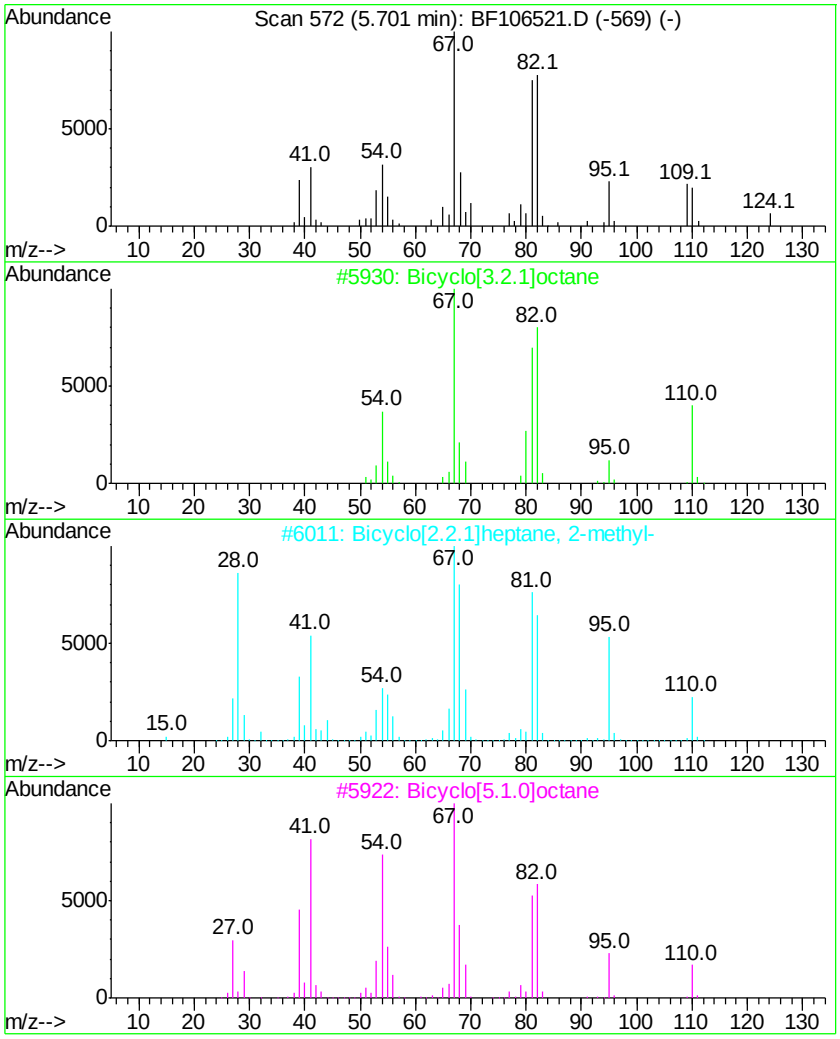
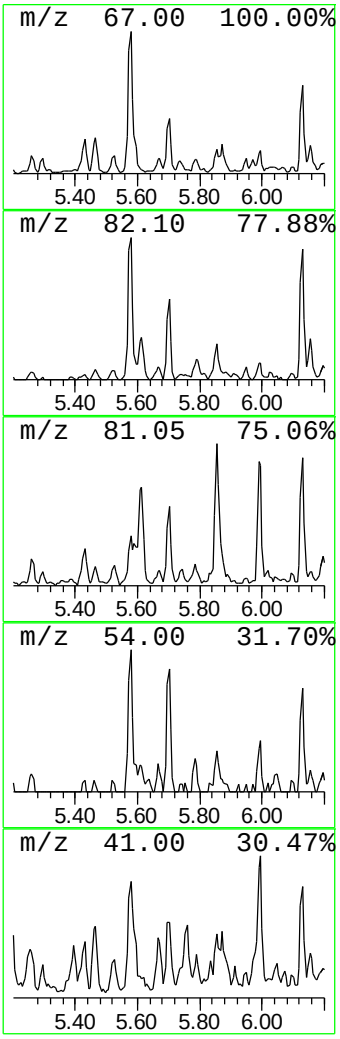
Peak Number 9 Bicyclo[3.2.1]octane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	3.13 ng	106565	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	87
2	Bicyclo[2.2.1]heptane, 2-methyl-	110	C8H14	015185-11-2	74
3	Bicyclo[5.1.0]octane	110	C8H14	000286-43-1	72
4	Bicyclo[2.2.1]heptane, 2-methyl-...	110	C8H14	000872-78-6	72
5	3-Hexyne	82	C6H10	000928-49-4	49





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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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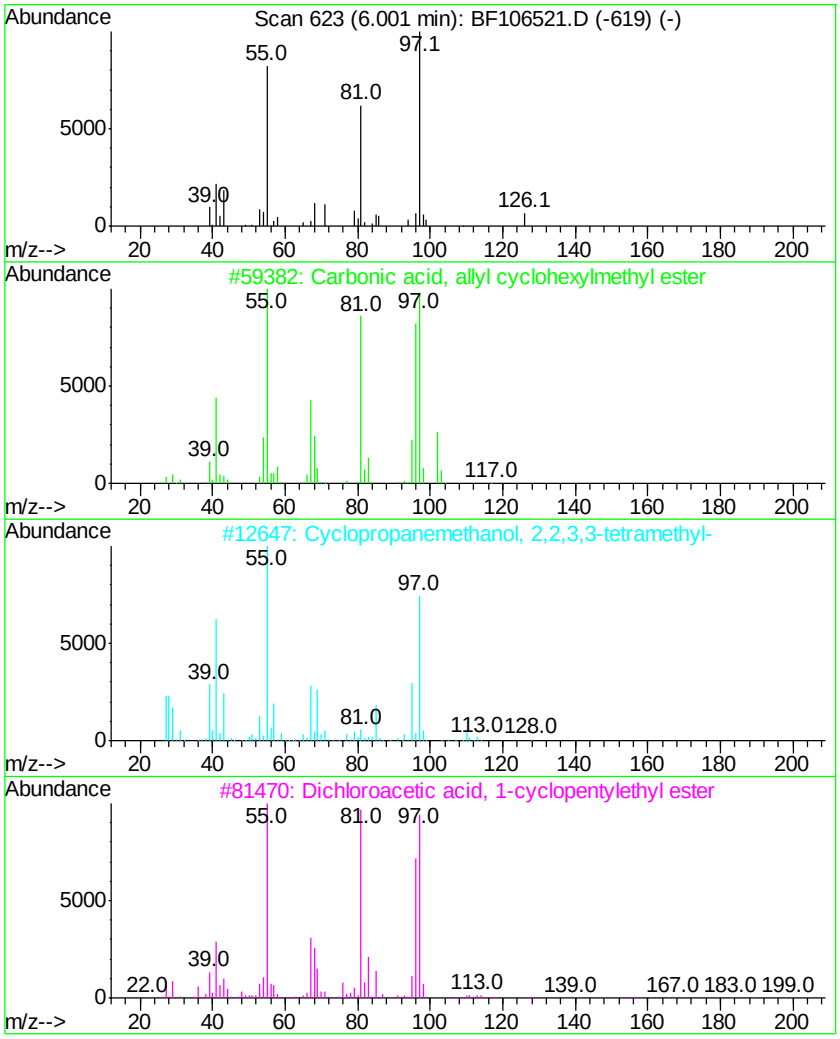
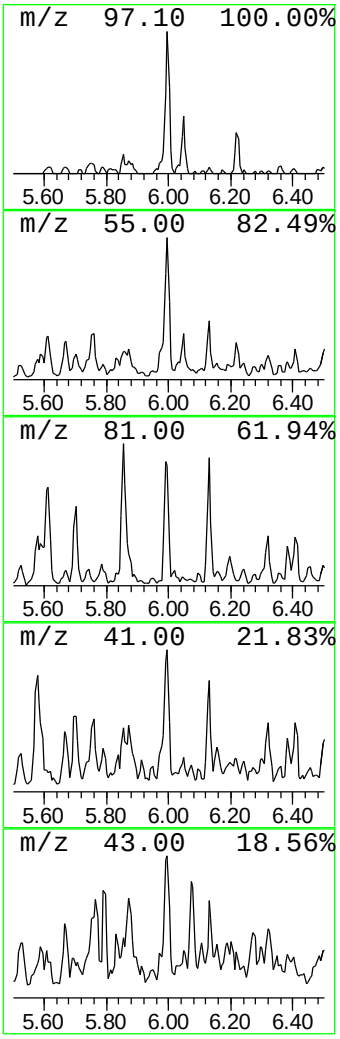
Peak Number 10 Carbonic acid, allyl cycloh... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	4.08 ng	138905	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, allyl cyclohexylm...	198	C11H18O3	1000357-80-7	53
2	Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	43
3	Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1000282-56-3	40
4	trans-4-Methylcyclohexanol, chlo...	226	C9H13ClF2O2	1000376-26-1	40
5	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	38





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ClientSampleId : W-19

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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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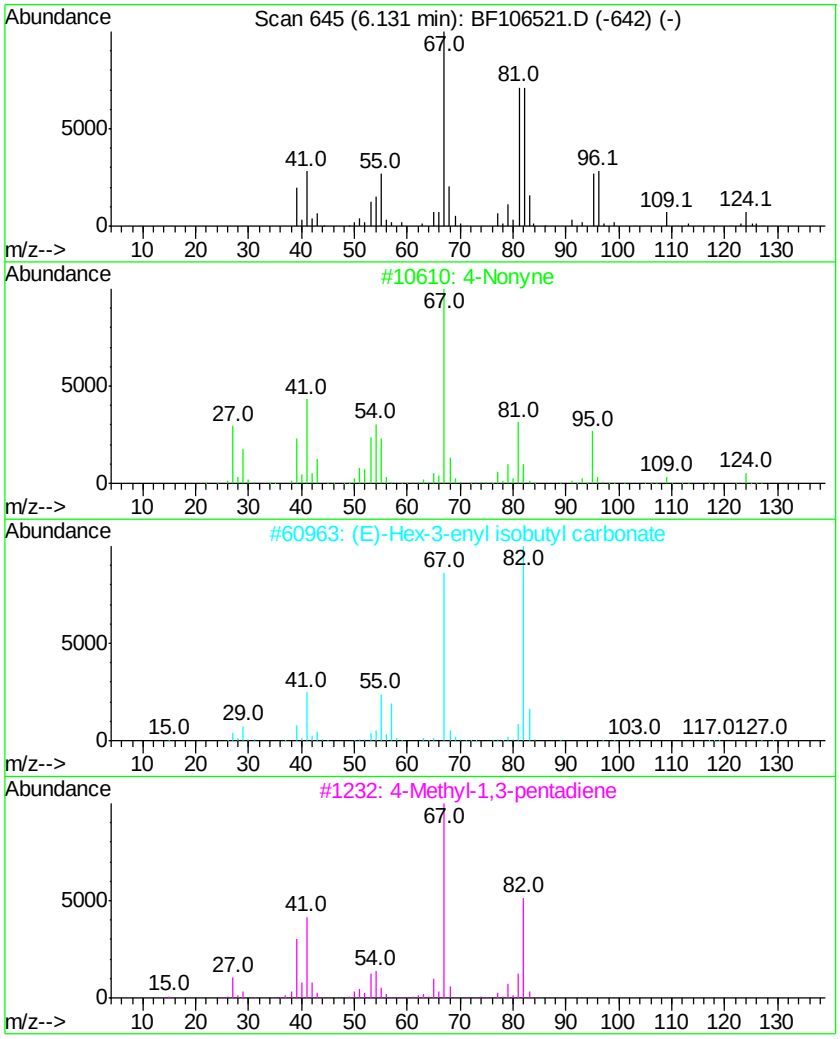
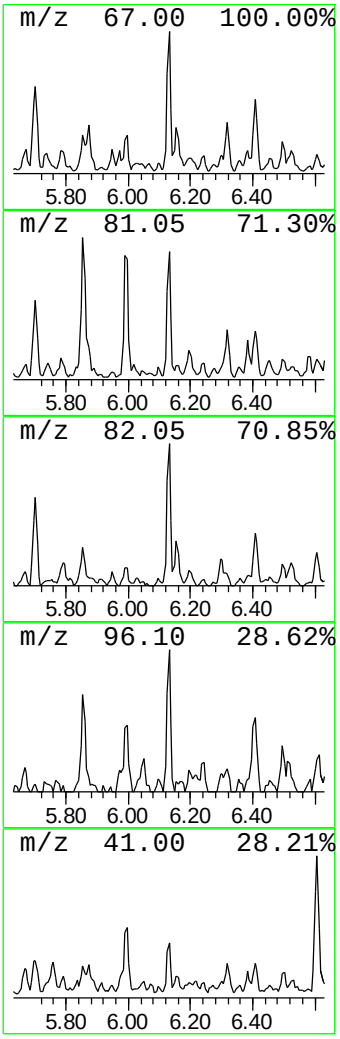
Peak Number 11 4-Nonyne Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	3.83 ng	130312	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonyne	124	C9H16	020184-91-2	52
2	(E)-Hex-3-enyl isobutyl carbonate	200	C11H20O3	1000372-74-9	50
3	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	50
4	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	49
5	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	46





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Misc :
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Instrument : BNA_F
ClientSampleId : W-19

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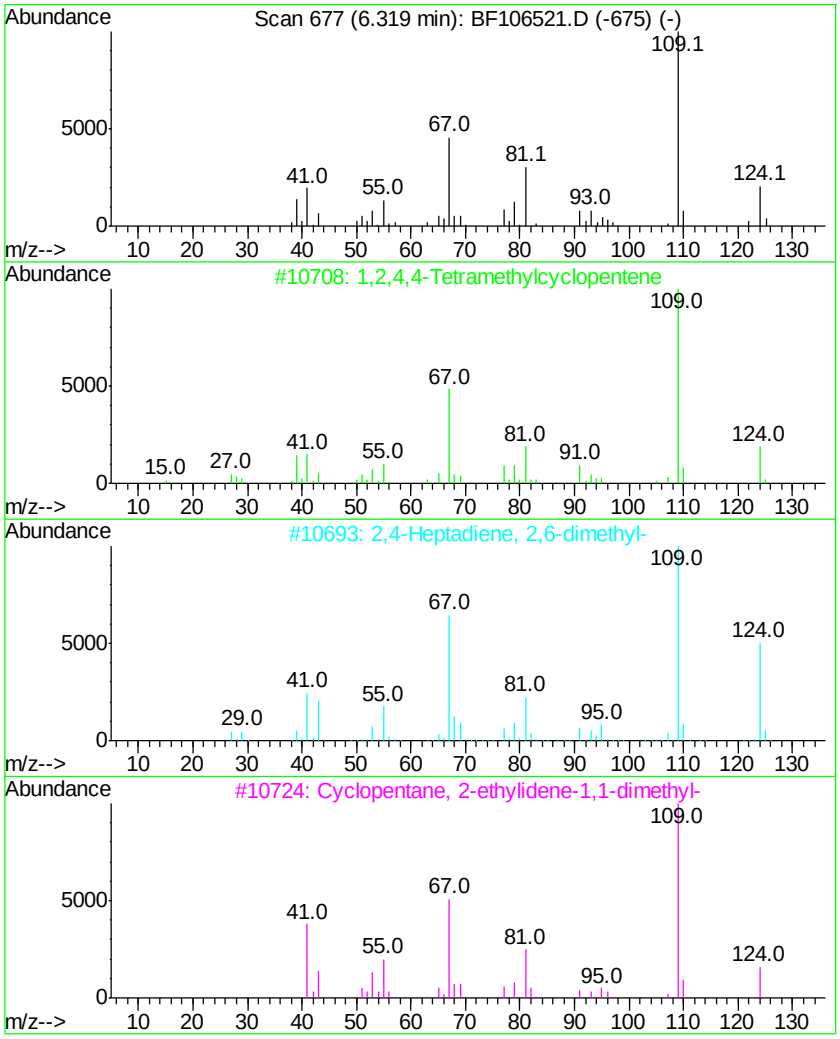
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

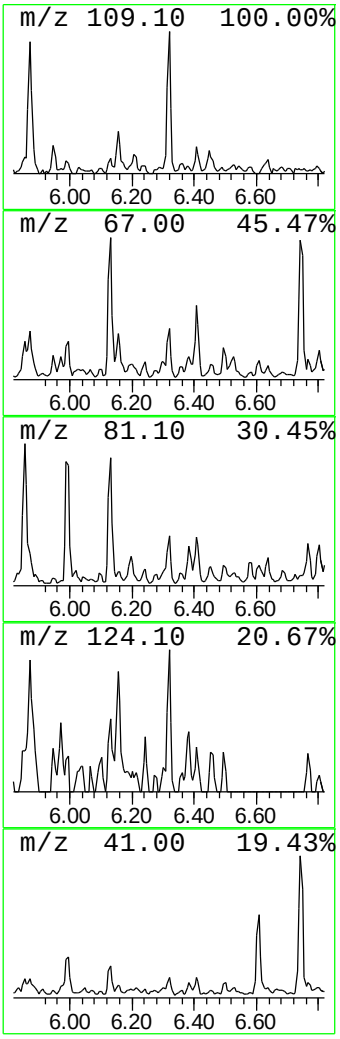
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,2,4,4-Tetramethylcyclopen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	2.33 ng	79191	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	90
2	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	86
3	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	86
4	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	64
5	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	59





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Instrument : BNA_F
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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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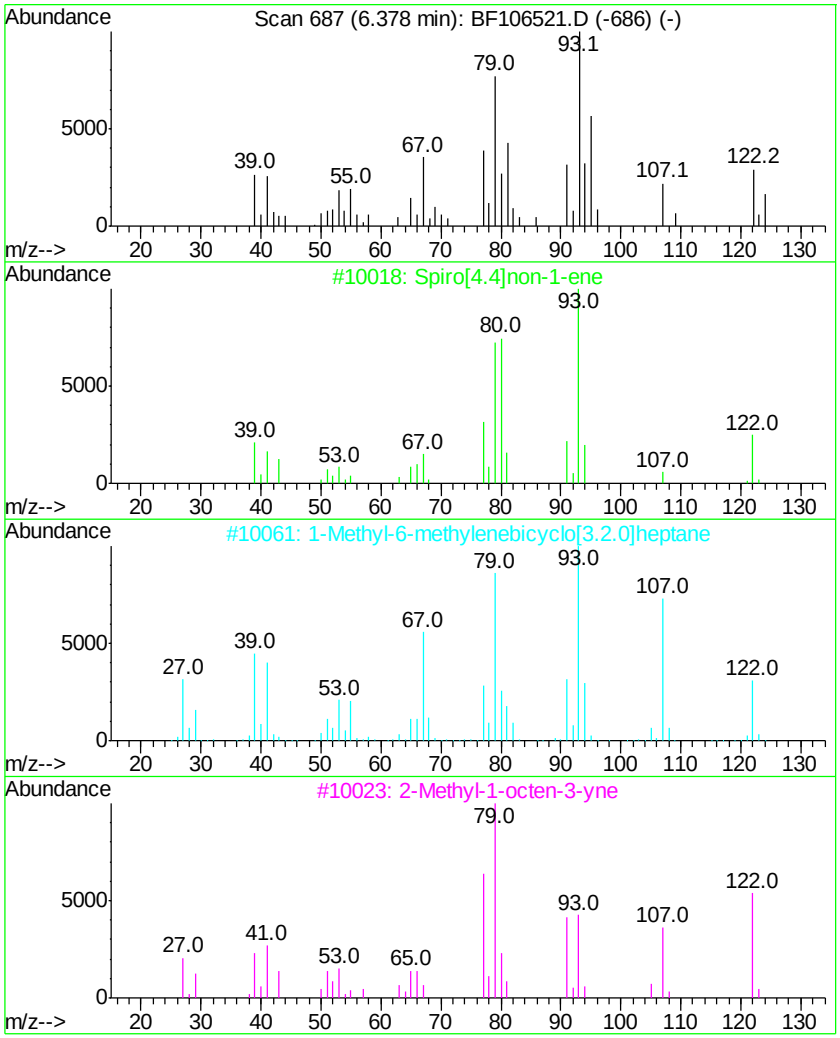
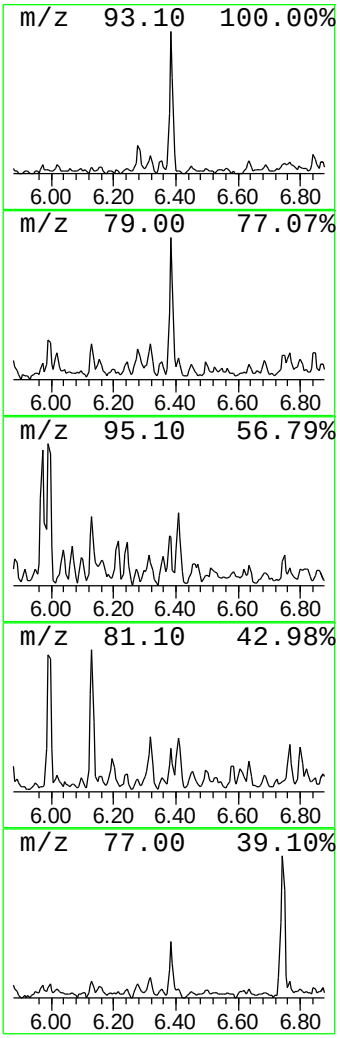
Peak Number 13 Spiro[4.4]non-1-ene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	2.91 ng	99001	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]non-1-ene	122	C9H14	000873-12-1	76
2	1-Methyl-6-methylenebicyclo[3.2....	122	C9H14	1000210-90-0	64
3	2-Methyl-1-octen-3-yne	122	C9H14	017603-76-8	55
4	1-Nonen-4-yne	122	C9H14	031508-12-0	50
5	3-Ethylidenecycloheptene	122	C9H14	1000211-16-7	49





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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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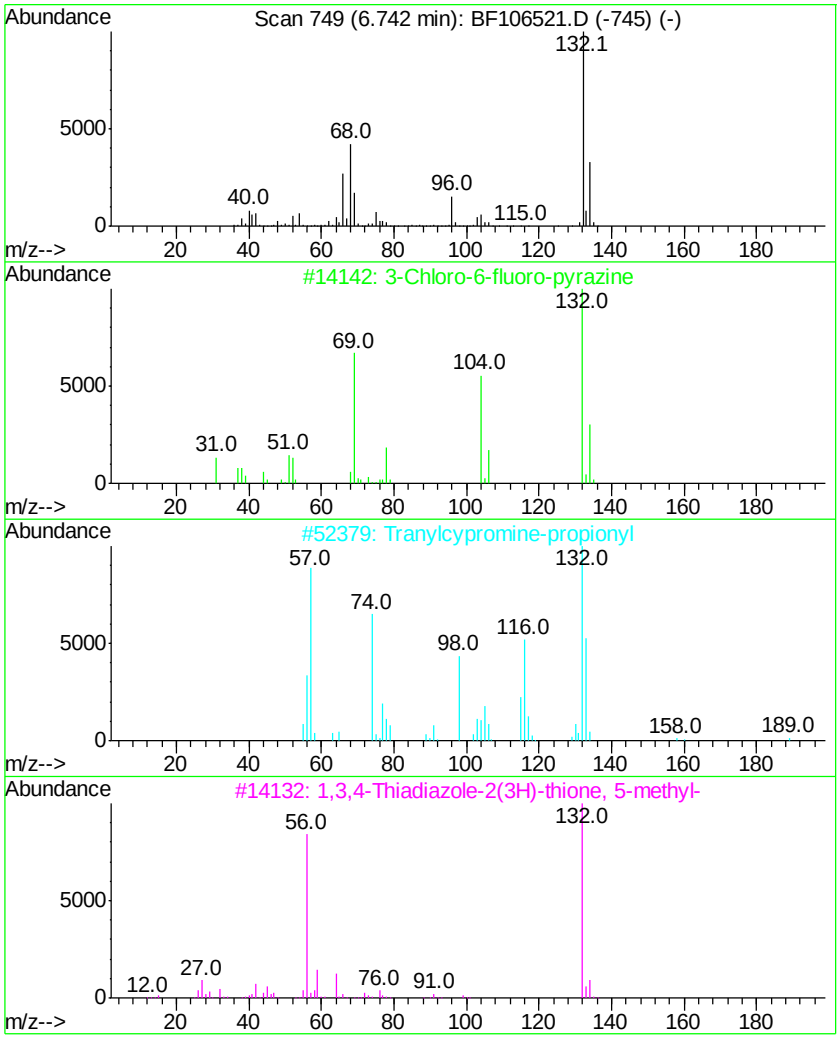
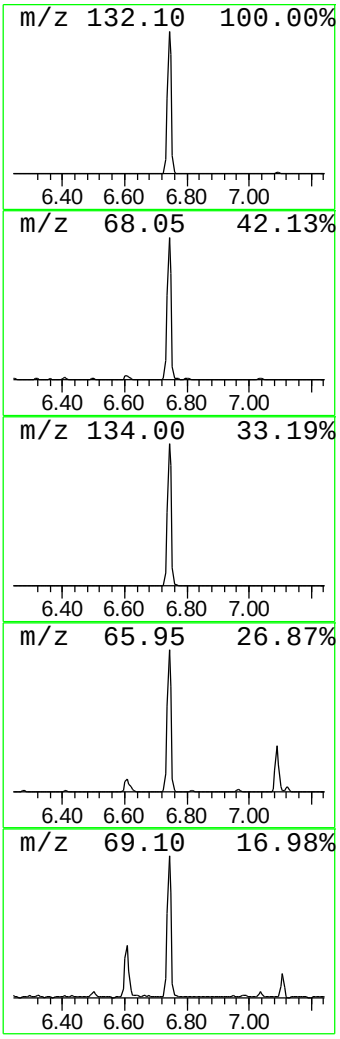
Peak Number 14 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	64.71 ng	2202370	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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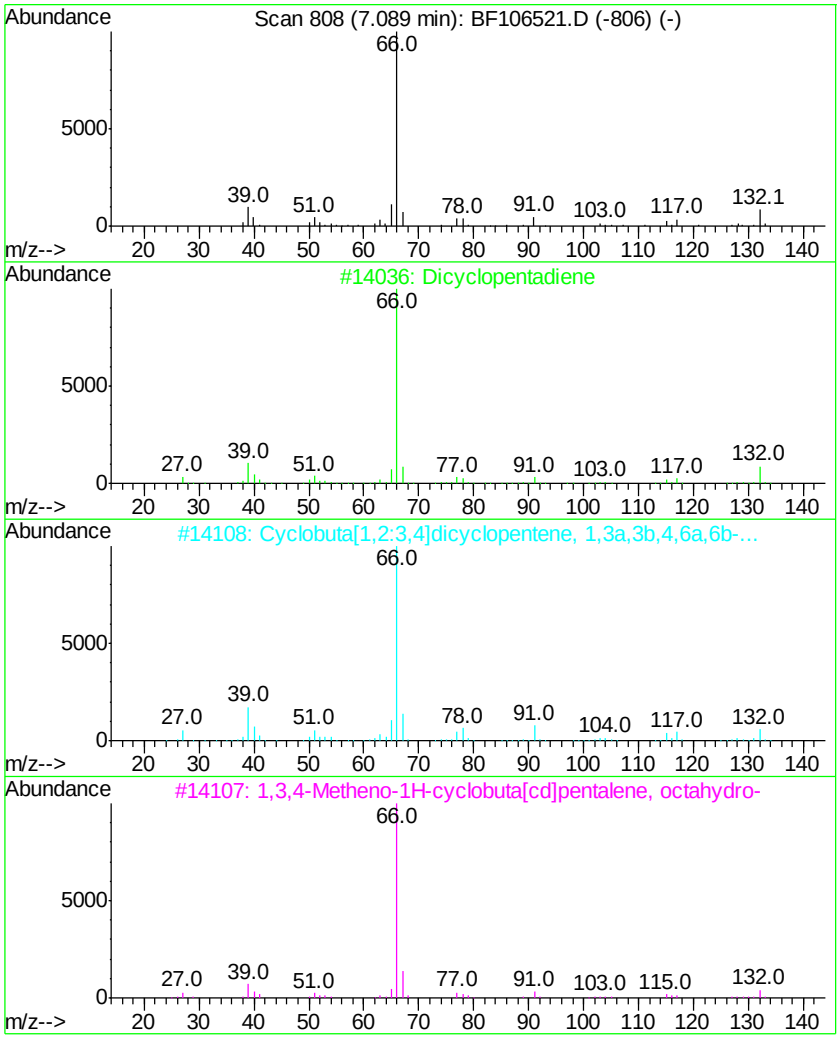
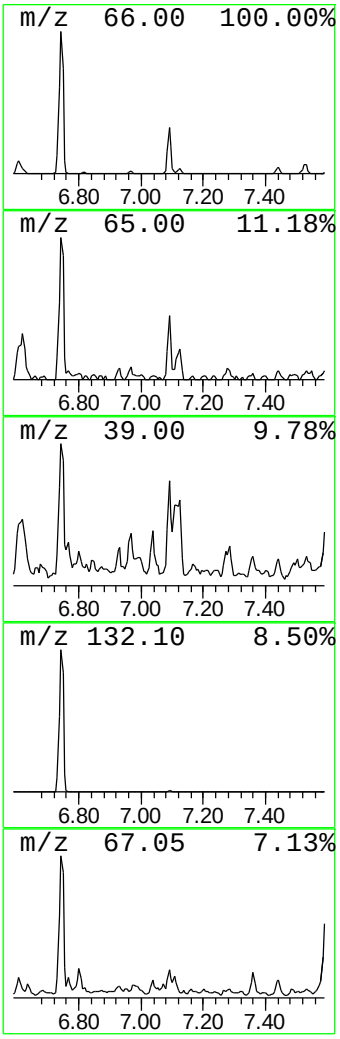
Peak Number 15 Dicyclopentadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	2.90 ng	98633	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopentadiene	132	C10H12	000077-73-6	91
2	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	91
3	1,3,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-88-6	83
4	2-Methylbicyclo[2.2.1]-5-heptene...	152	C9H12O2	000825-03-6	78
5	Bicyclo[2.2.1]hept-2-ene, 5-ethe...	120	C9H12	003048-64-4	78





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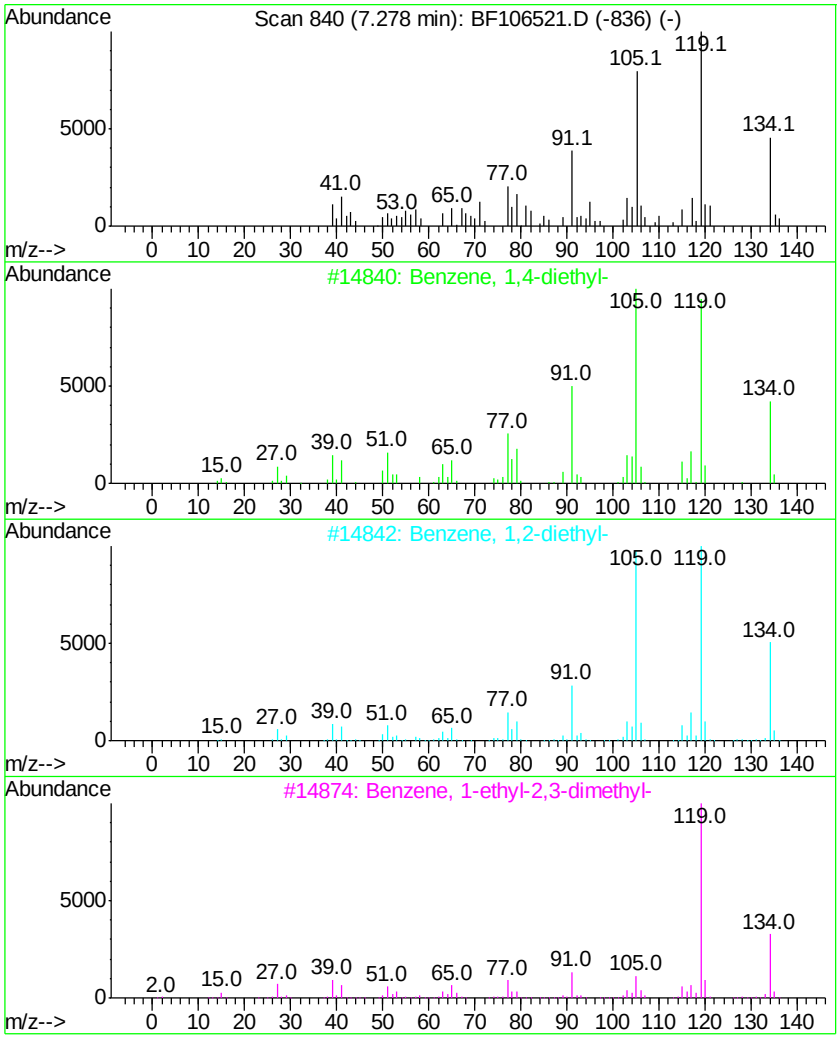
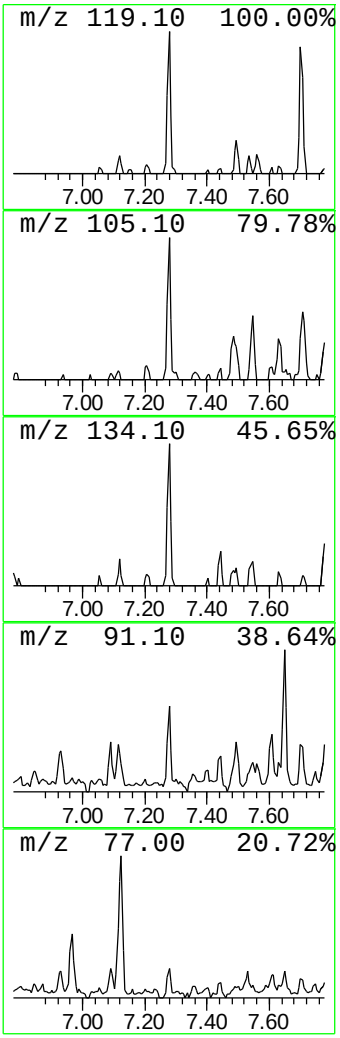
Peak Number 17 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	2.56 ng	87029	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106521.D
Acq On : 16 Jun 2018 5:11
Operator : JU/SJ
Sample : J3447-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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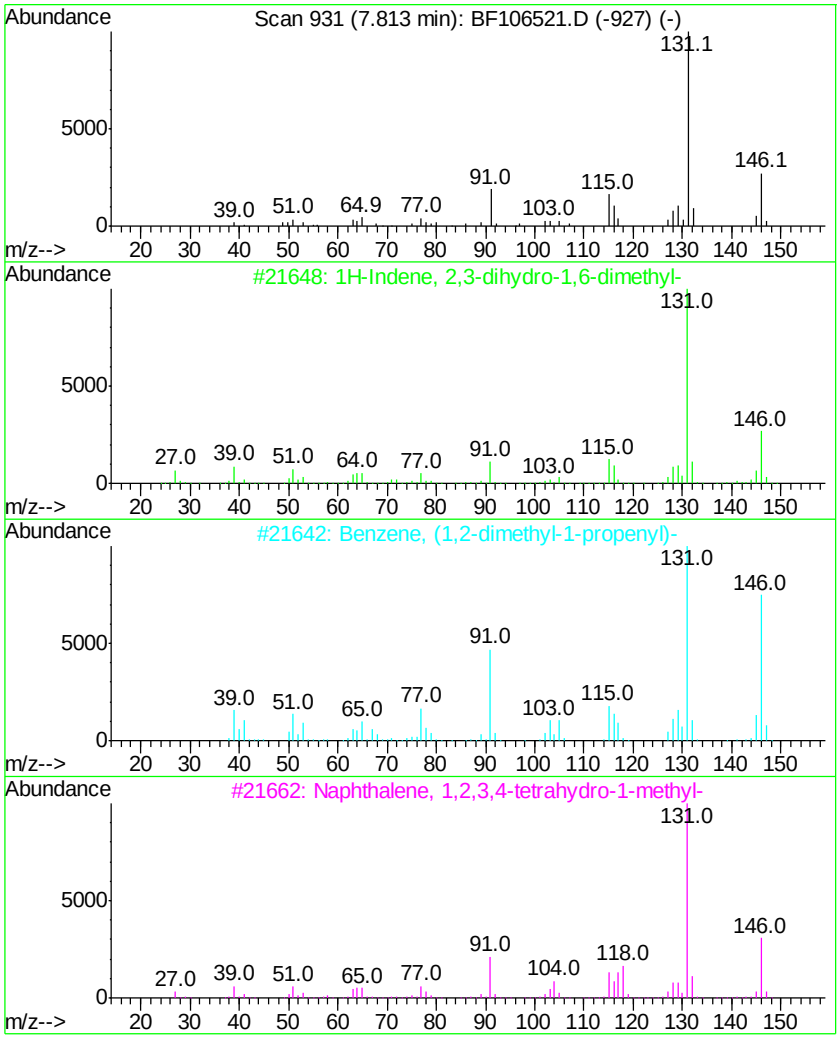
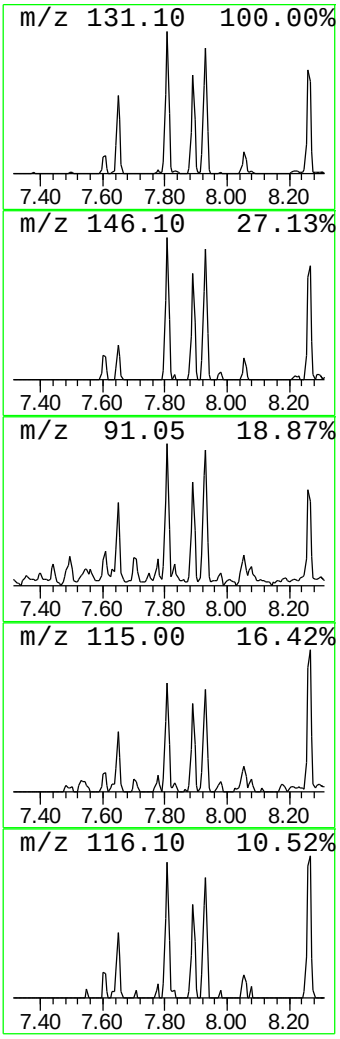
Peak Number 18 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	2.85 ng	133903	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106521.D
Acq On : 16 Jun 2018 5:11
Operator : JU/SJ
Sample : J3447-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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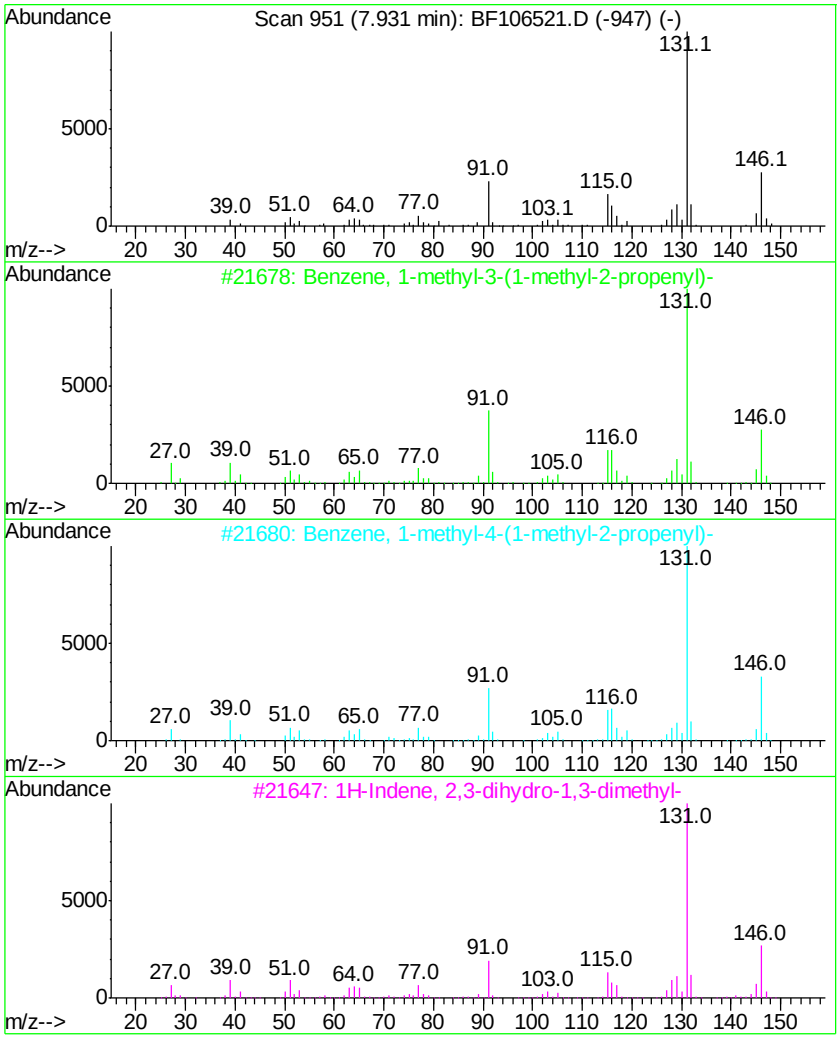
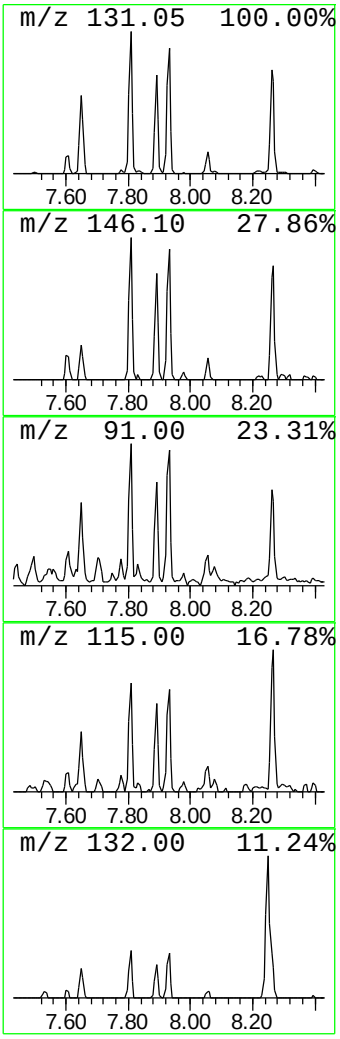
Peak Number 19 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	3.19 ng	150059	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	95
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106521.D
Acq On : 16 Jun 2018 5:11
Operator : JU/SJ
Sample : J3447-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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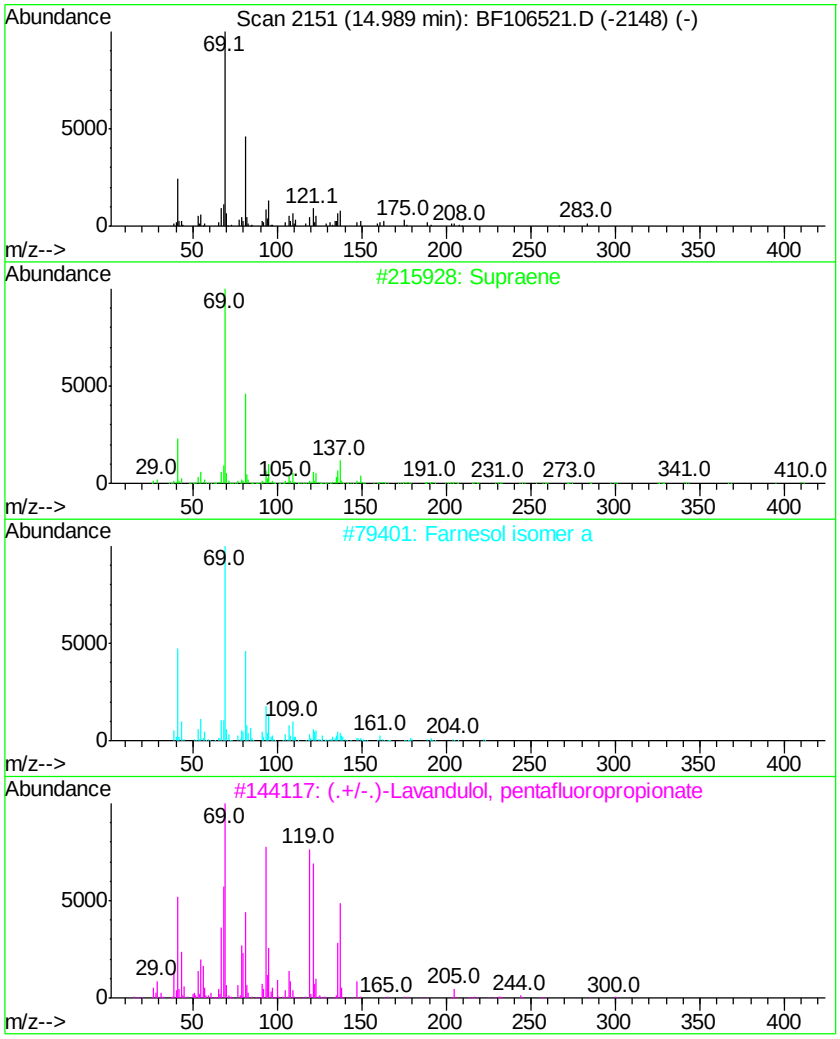
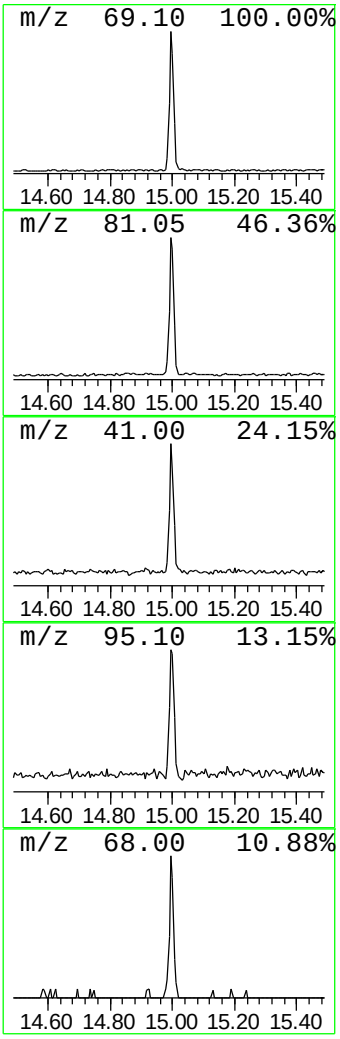
Peak Number 20 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	6.97 ng	167138	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Farnesol isomer a	222	C15H26O	1000108-92-4	72
3	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
Data File : BF106521.D
Acq On : 16 Jun 2018 5:11
Operator : JU/SJ
Sample : J3447-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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
Cyclopentane, 1,1...	4.07	2.5	ng	86392	1	6.97	680713	20.0
Cyclohexane, 1,1-...	4.48	4.6	ng	157120	1	6.97	680713	20.0
Cyclohexane, 1,2-...	4.66	9.1	ng	310318	1	6.97	680713	20.0
Cyclopentene, 1,2...	4.75	11.4	ng	389139	1	6.97	680713	20.0
Cyclohexane, 1,2-...	5.10	3.2	ng	108630	1	6.97	680713	20.0
unknown5.20	5.20	5.0	ng	169436	1	6.97	680713	20.0
Cyclopentane, 2-e...	5.43	2.8	ng	94845	1	6.97	680713	20.0
Cyclohexene, 1,6,...	5.47	2.5	ng	83727	1	6.97	680713	20.0
Bicyclo[3.2.1]octane	5.70	3.1	ng	106565	1	6.97	680713	20.0
Carbonic acid, al...	6.00	4.1	ng	138905	1	6.97	680713	20.0
4-Nonyne	6.13	3.8	ng	130312	1	6.97	680713	20.0
1,2,4,4-Tetrameth...	6.32	2.3	ng	79191	1	6.97	680713	20.0
Spiro[4.4]non-1-ene	6.38	2.9	ng	99001	1	6.97	680713	20.0
unknown6.74	6.74	64.7	ng	2202370	1	6.97	680713	20.0
Dicyclopentadiene	7.09	2.9	ng	98633	1	6.97	680713	20.0
Benzene, 1,4-diet...	7.28	2.6	ng	87029	1	6.97	680713	20.0
1H-Indene, 2,3-di...	7.81	2.9	ng	133903	2	8.25	940020	20.0
Benzene, 1-methyl...	7.93	3.2	ng	150059	2	8.25	940020	20.0
Supraene	14.99	7.0	ng	167138	6	15.68	479892	20.0