LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF113040.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.345	549	554	557	rBV	2899213	3026544	67.07%	6.010%
2	6.375	724	729	732	rBV	3260456	3317097	73.51%	6.587%
3	6.498	746	750	754	rBV	3561289	3391440	75.15%	6.735%
4	6.728	785	789	792	rBV	1076222	872755	19.34%	1.733%
5	6.887	812	816	819	rBV	2973273	2681115	59.41%	5.324%
6	7.287	875	884	887	rBV	2417646	2243057	49.71%	4.454%
7	7.510	916	922	925	rBV2	80649	125484	2.78%	0.249%
8	7.651	945	946	951	rVB2	83275	111089	2.46%	0.221%
9	7.839	974	978	982	rBV2	87789	124281	2.75%	0.247%
10	7.922	987	992	995	rVV3	84674	131527	2.91%	0.261%
11	8.010	1002	1007	1011	rBV	1359121	1404470	31.12%	2.789%
12	8.086	1018	1020	1022	rVB	519482	370758	8.22%	0.736%
13	8.110	1022	1024	1027	rBV2	106480	134607	2.98%	0.267%
14	8.186	1032	1037	1039	rBV2	160556	220967	4.90%	0.439%
15	8.222	1041	1043	1045	rBV3	106560	109304	2.42%	0.217%
16	8.251	1045	1048	1051	rVB4	109621	122735	2.72%	0.244%
17	8.310	1053	1058	1061	rVB3	551663	593190	13.15%	1.178%
18	8.339	1061	1063	1065	rBV	176217	184778	4.09%	0.367%
19	8.363	1065	1067	1071	rVB4	146164	132692	2.94%	0.263%
20	8.410	1071	1075	1077	rBV3	241868	298389	6.61%	0.593%
21	8.445	1078	1081	1085	rBV	939163	1236800	27.41%	2.456%
22	8.516	1090	1093	1096	rBV3	231059	288128	6.38%	0.572%
23	8.563	1098	1101	1102	rBV2	214892	213934	4.74%	0.425%
24	8.610	1106	1109	1111	rBV	459674	497201	11.02%	0.987%
25	8.657	1114	1117	1118	rBV3	244956	258586	5.73%	0.513%
26	8.710	1123	1126	1129	rVB2	872807	1167682	25.88%	2.319%
27	8.757	1132	1134	1139	rBV4	362914	496634	11.01%	0.986%
28	8.828	1142	1146	1149	rBV4	362648	504631	11.18%	1.002%
29	8.881	1152	1155	1156	rBV2	512386	509818	11.30%	1.012%
30	8.898	1156	1158	1160	rVV2	384163	396293	8.78%	0.787%
31	8.928	1160	1163	1167	rVB	1147491	1347333	29.86%	2.676%
32	9.051	1179	1184	1186	rBV	2427271	2505899	55.53%	4.976%
33	9.086	1186	1190	1194	rVB	3887302	4087901	90.59%	8.118%
34	9.175	1202	1205	1207	rBV2	978354	1100195	24.38%	2.185%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
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Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.198	1207	1209	1211	rVV2	850253	682019	15.11%	1.354%
36	9.380	1237	1240	1242	rBV	1007992	944012	20.92%	1.875%
37	9.404	1242	1244	1246	rBV2	669482	718370	15.92%	1.427%
38	9.486	1255	1258	1259	rBV2	1432648	1285222	28.48%	2.552%
39	9.516	1259	1263	1265	rVV2	3817170	4512653	100.00%	8.961%
40	9.539	1265	1267	1272	rVB3	1567634	1663575	36.86%	3.304%
41	9.692	1290	1293	1296	rVB	2286321	2237622	49.59%	4.443%
42	9.763	1302	1305	1311	rBV6	1753343	3310363	73.36%	6.574%
43	15.286	2241	2244	2247	rVB	750355	796782	17.66%	1.582%

Sum of corrected areas: 50357932

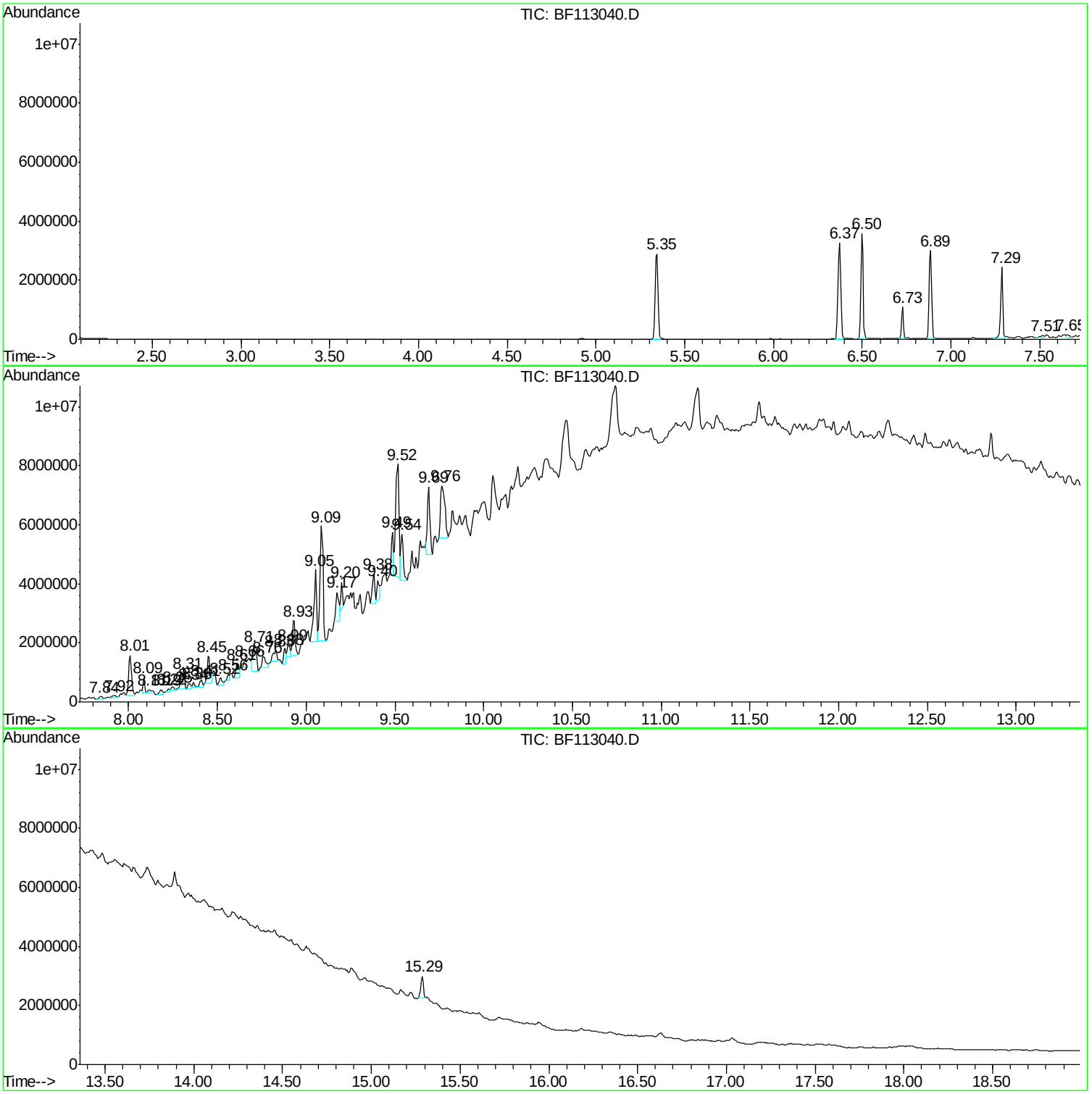
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

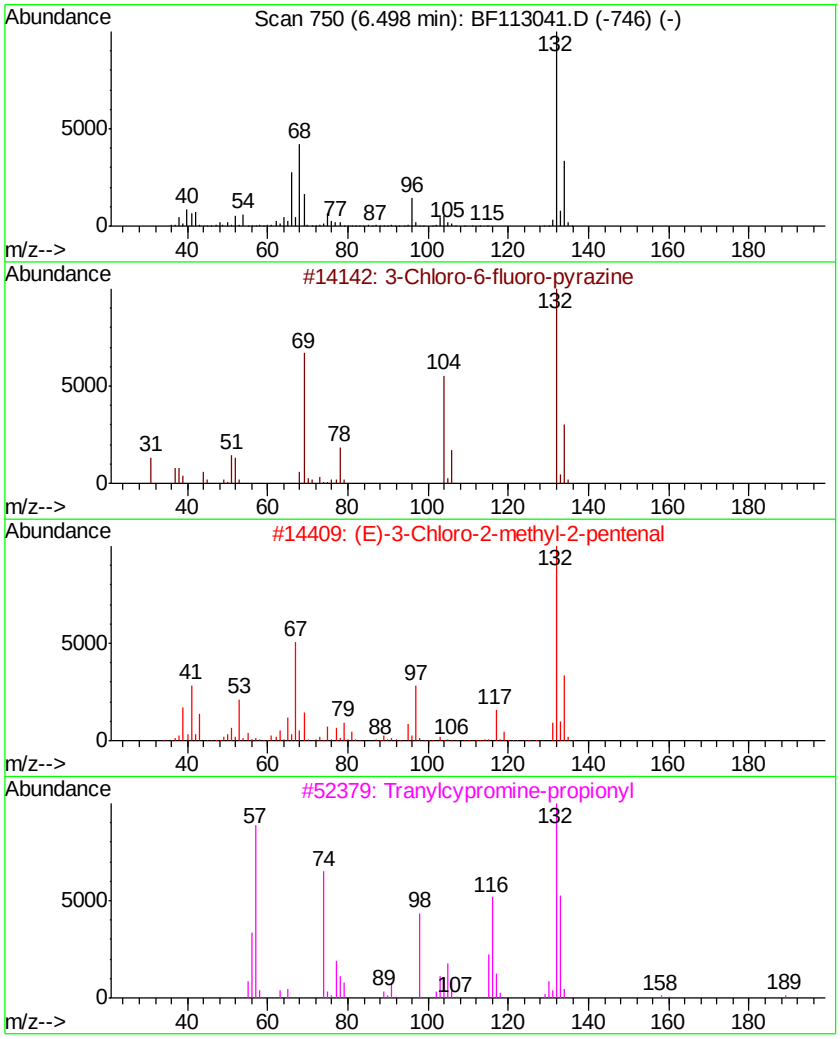
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

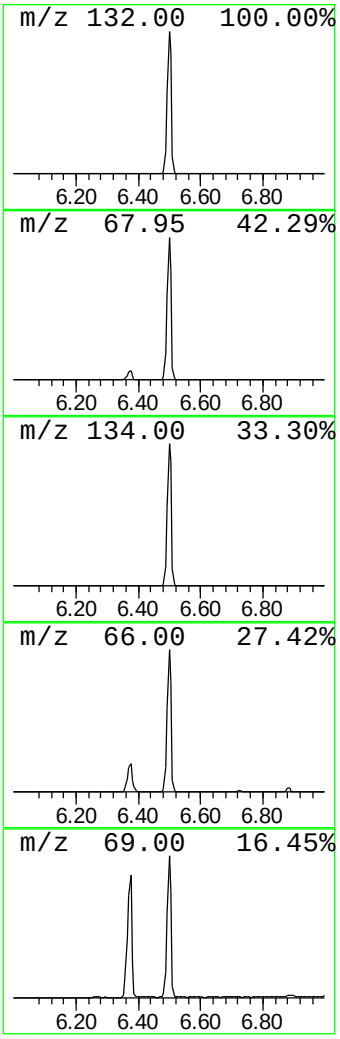
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	77.72 ng	3391440	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

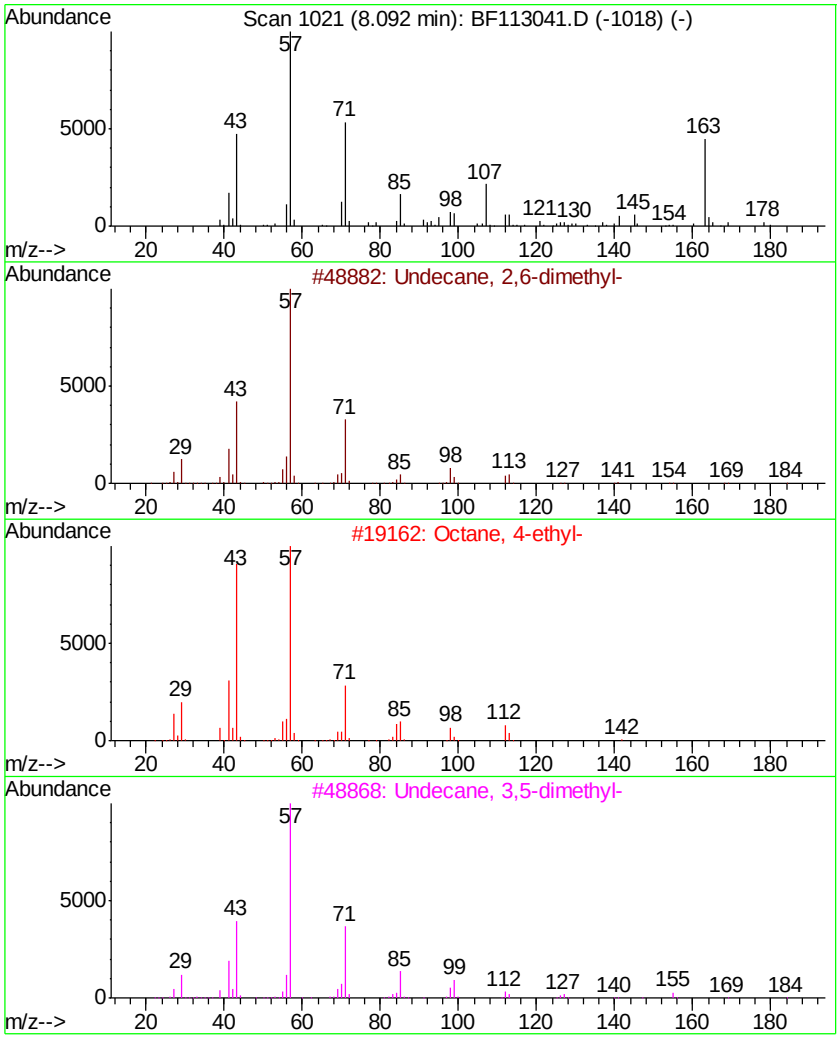
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

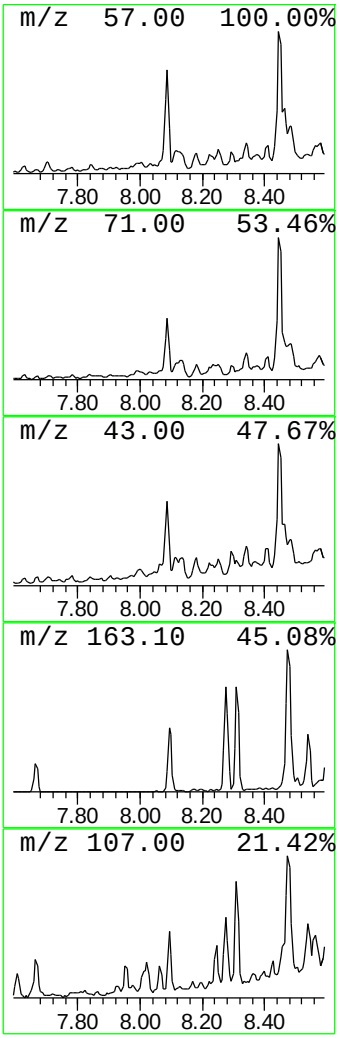
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	5.28 ng	370758	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	78
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	70
5	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

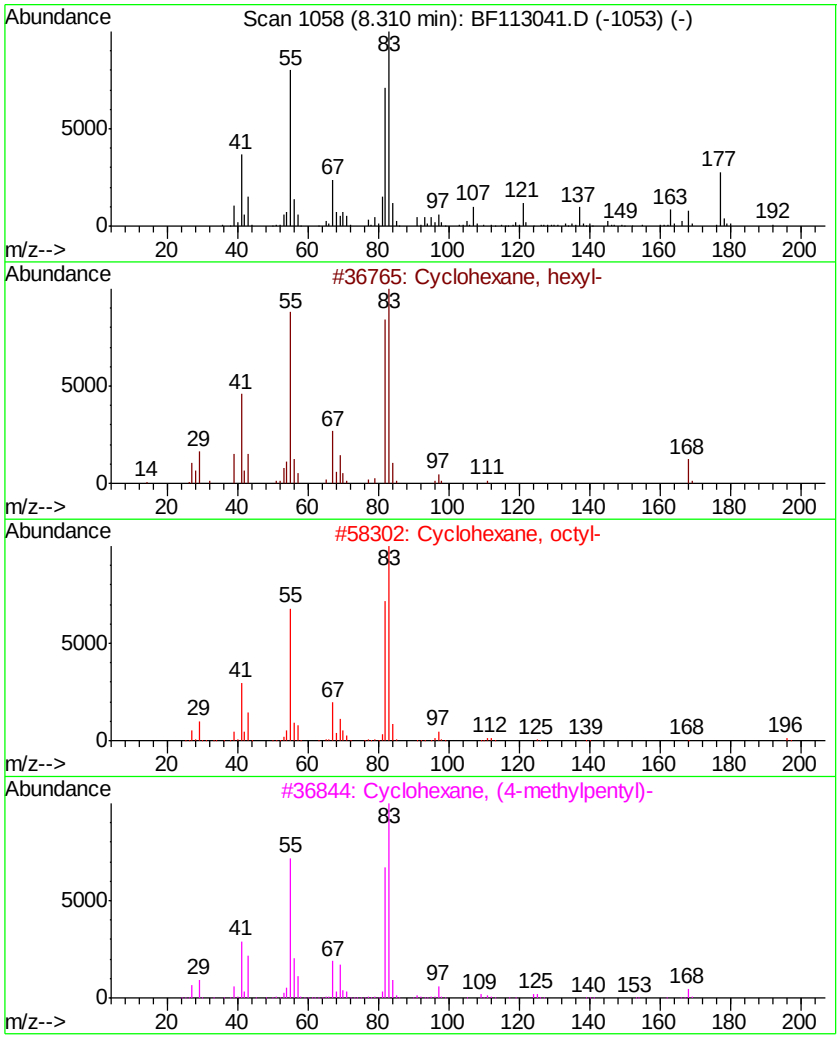
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

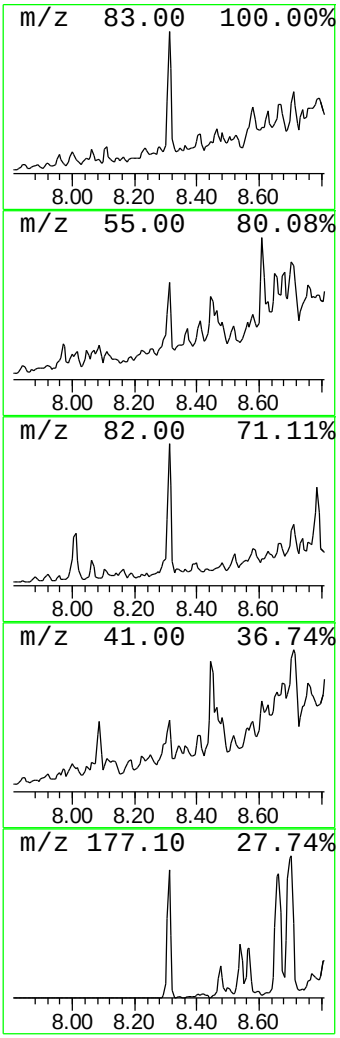
****

Peak Number 4 Cyclohexane, hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	8.45 ng	593190	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	68
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

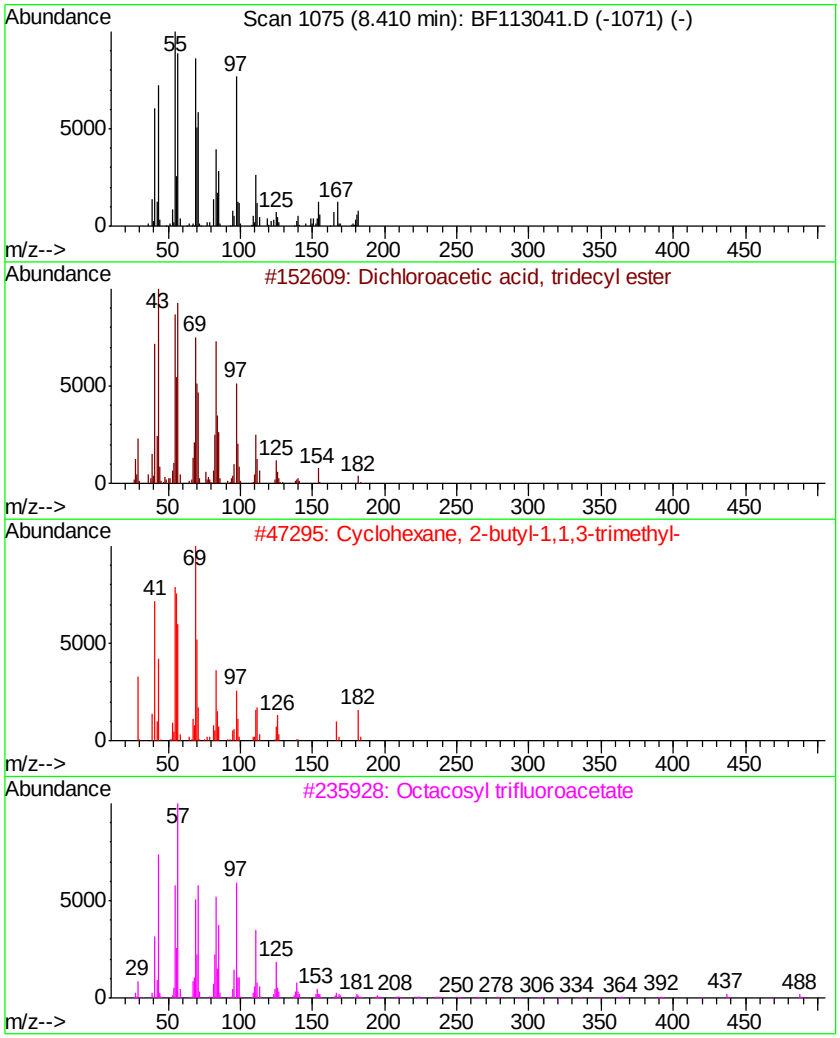
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

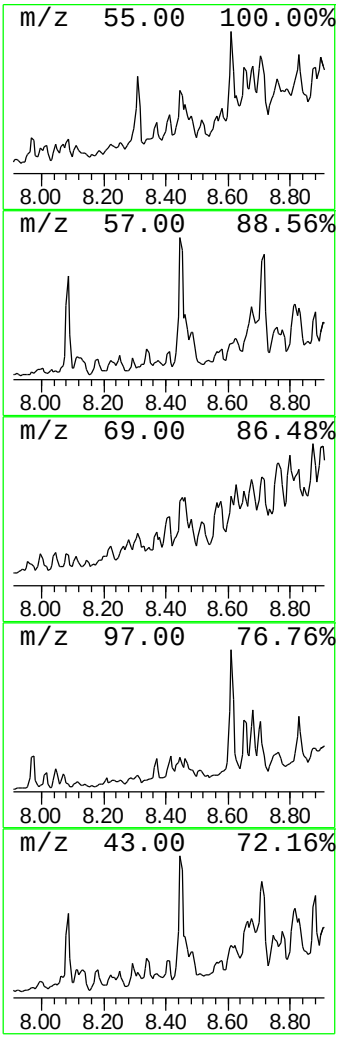
****

Peak Number 5 Dichloroacetic acid, tridec... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	4.25 ng	298389	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	59
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	46
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	38
4	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	38
5	3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

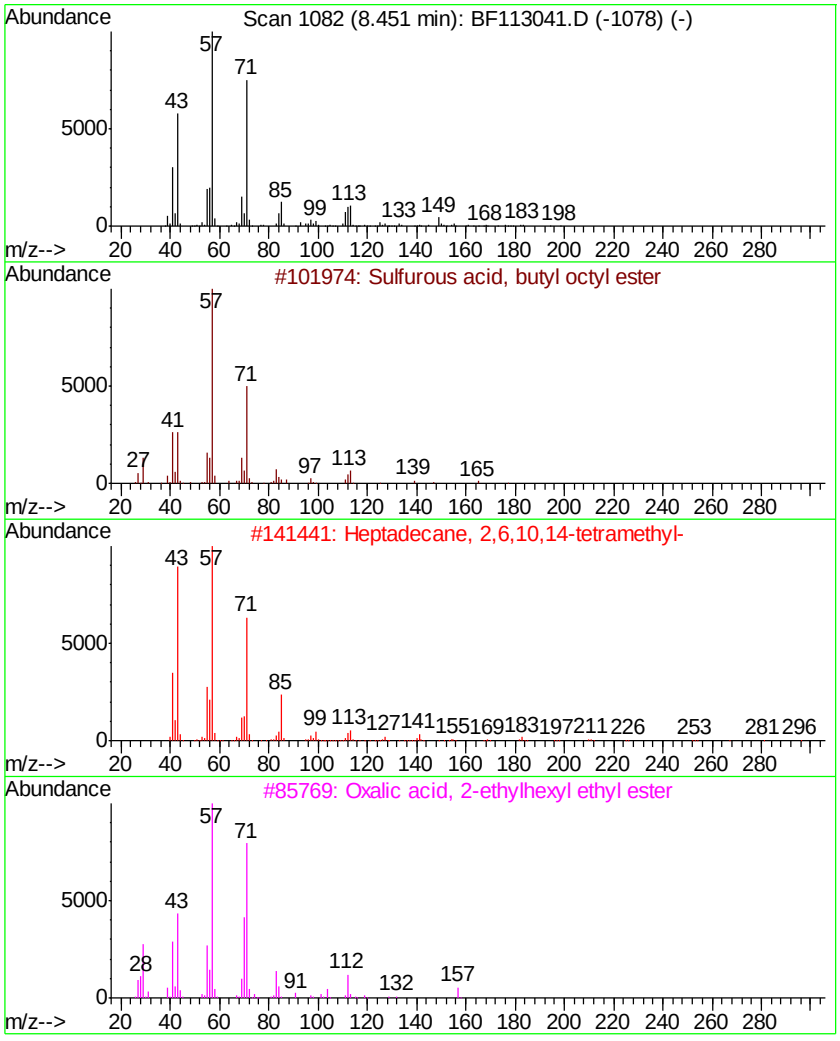
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

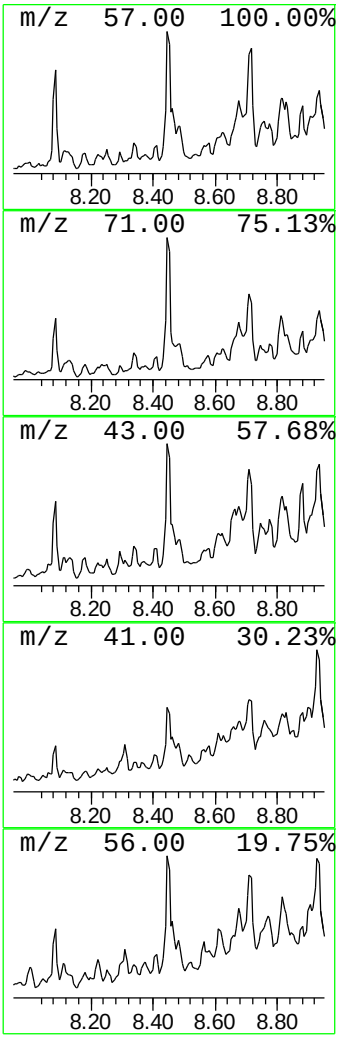
****

Peak Number 6 Sulfurous acid, butyl octyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	17.61 ng	1236800	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	78
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
3	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	59
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53
5	Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

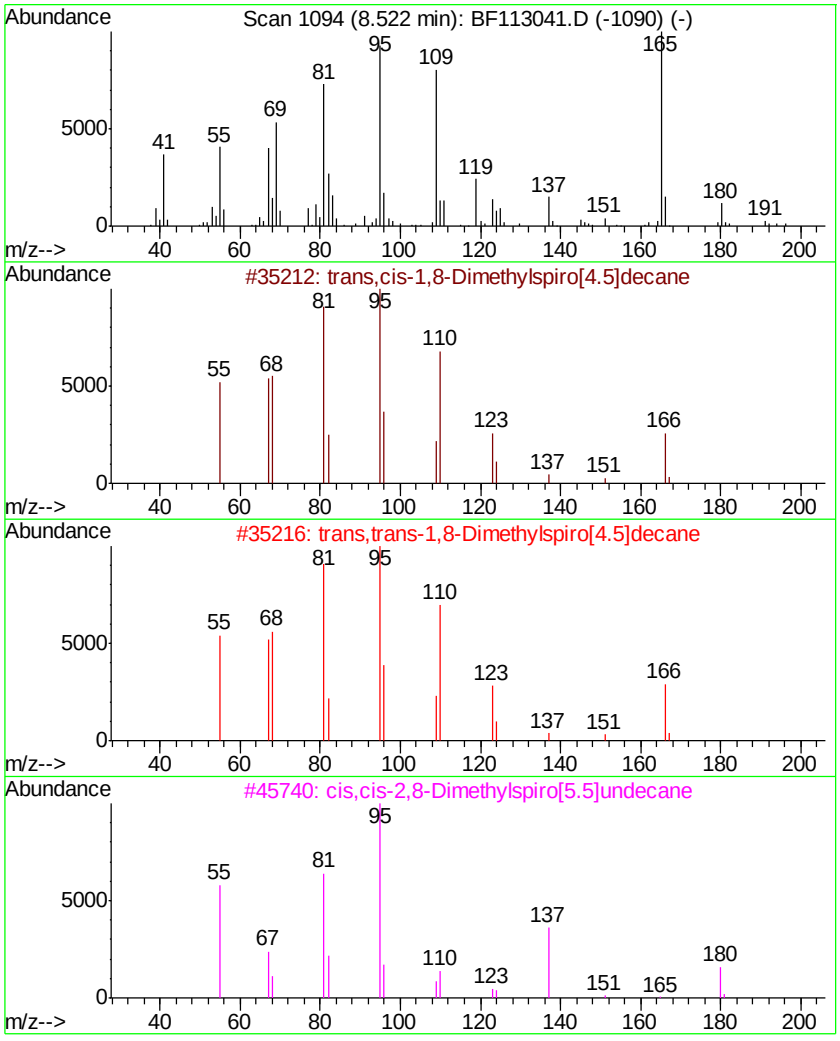
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

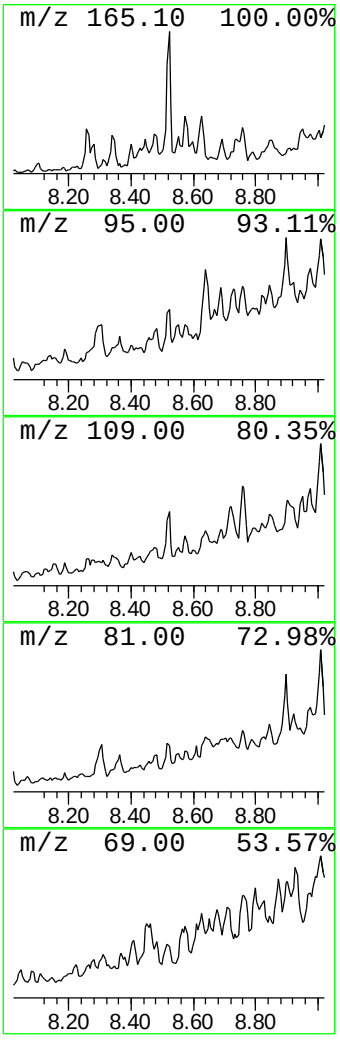
****

Peak Number 7 trans,cis-1,8-Dimethylspiro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	4.10 ng	288128	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	55
2	trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	55
3	cis,cis-2,8-Dimethylspiro[5.5]un...	180	C13H24	095530-75-9	35
4	2,6-Dimethyl-7-oxo-4,7-dihydro-t...	165	C6H7N5O	057250-40-5	25
5	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	22





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

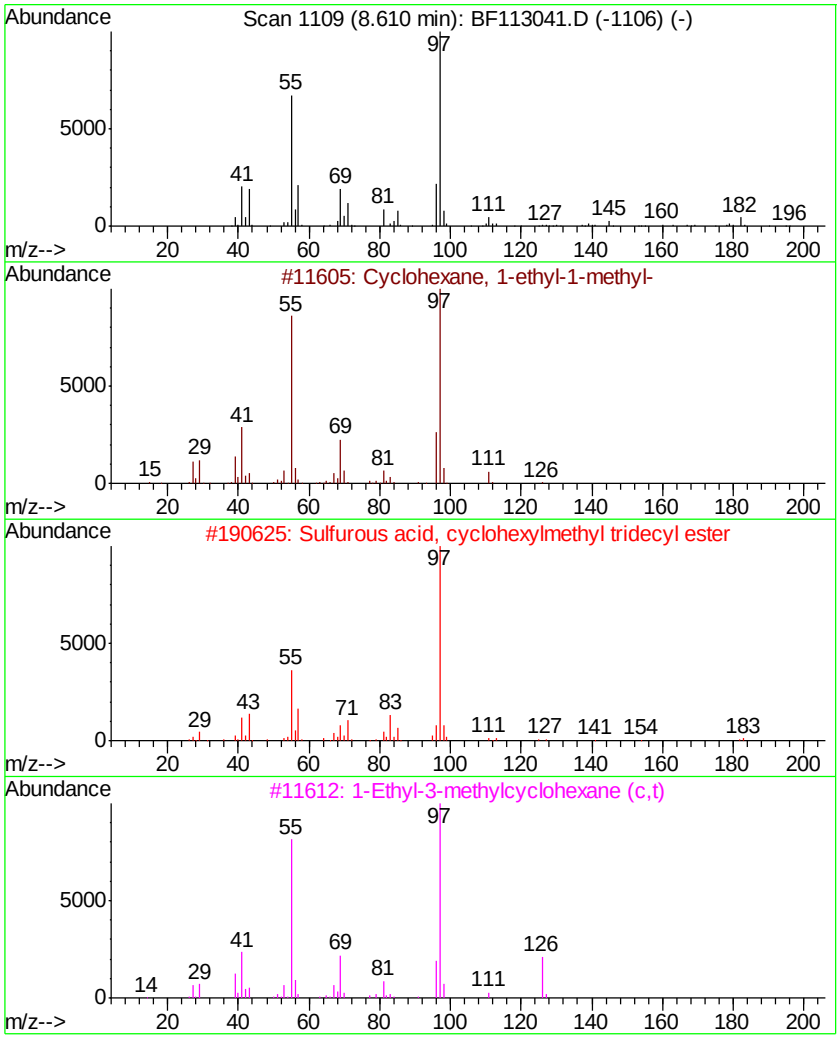
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

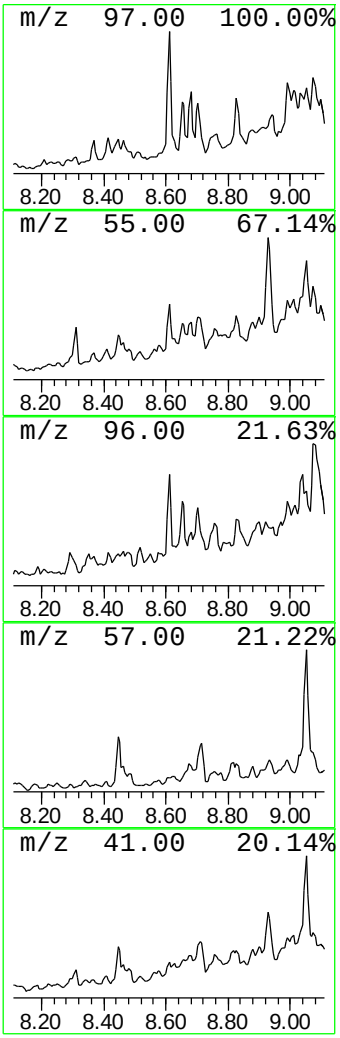
****

Peak Number 8 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	7.08 ng	497201	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	81
2	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	64
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

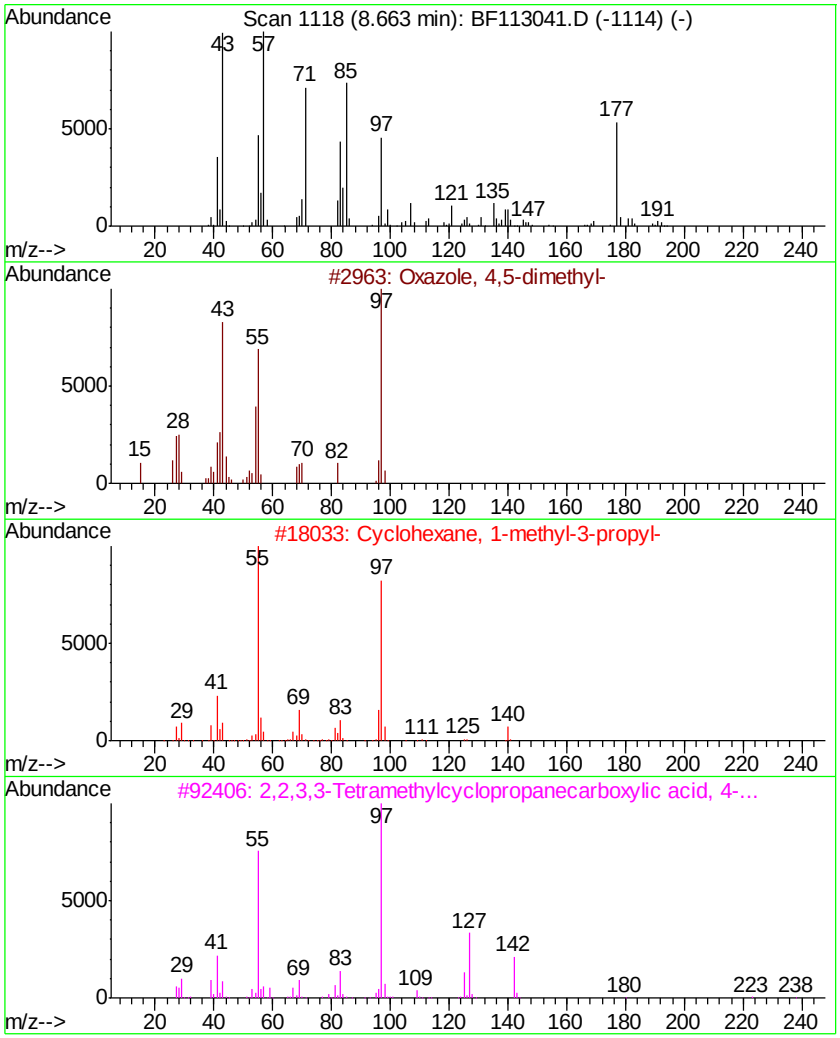
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

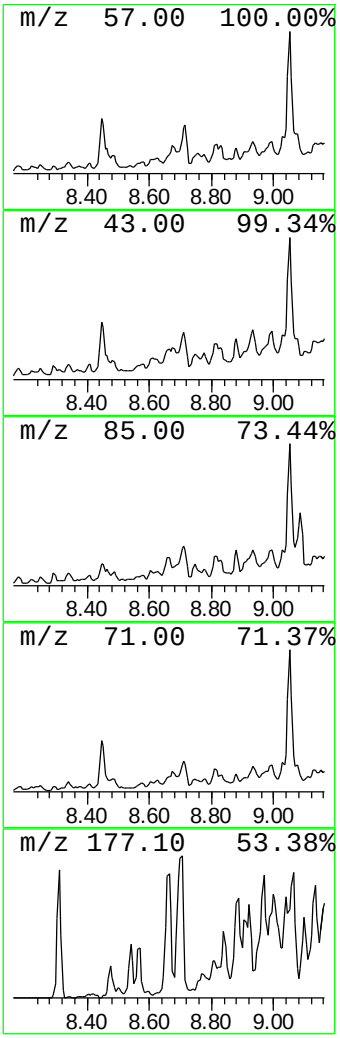
****

Peak Number 9 unknown8.66 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	3.68 ng	258586	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	22
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	22
3	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	22
4	Heptane, 1,7-dibromo-	256	C7H14Br2	004549-31-9	22
5	Oxalic acid, monoamide, N-cycloh...	255	C14H25NO3	1000309-48-3	22





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Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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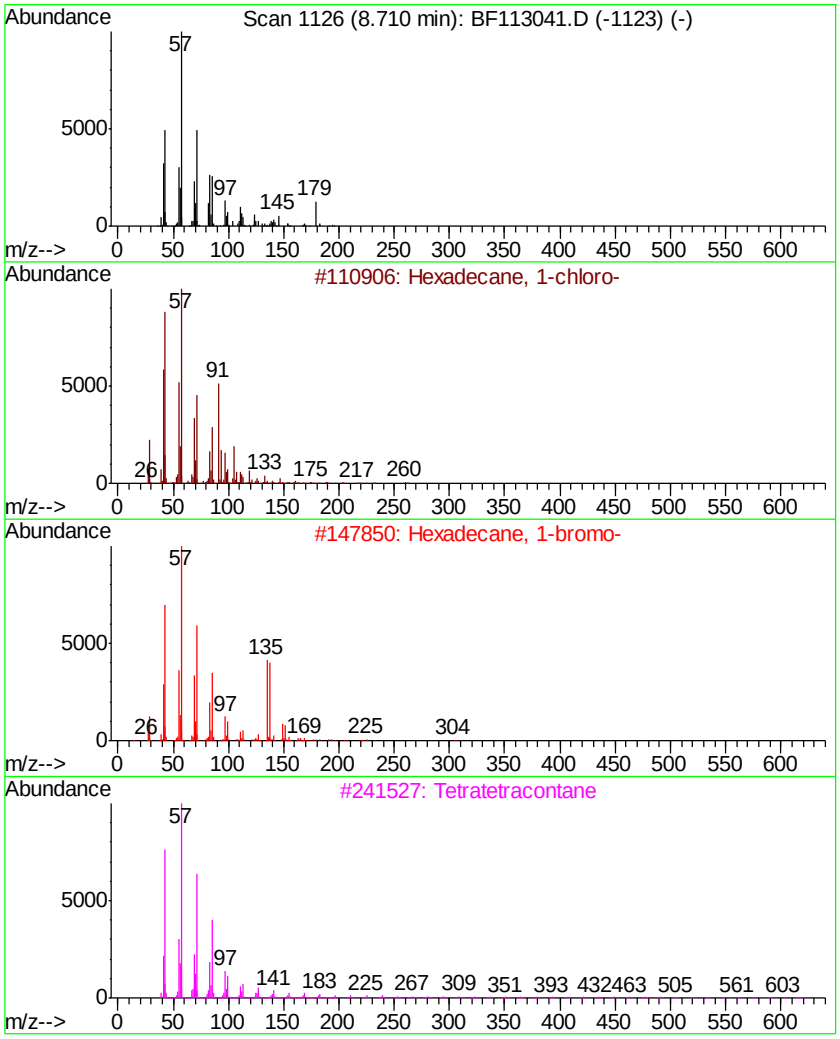
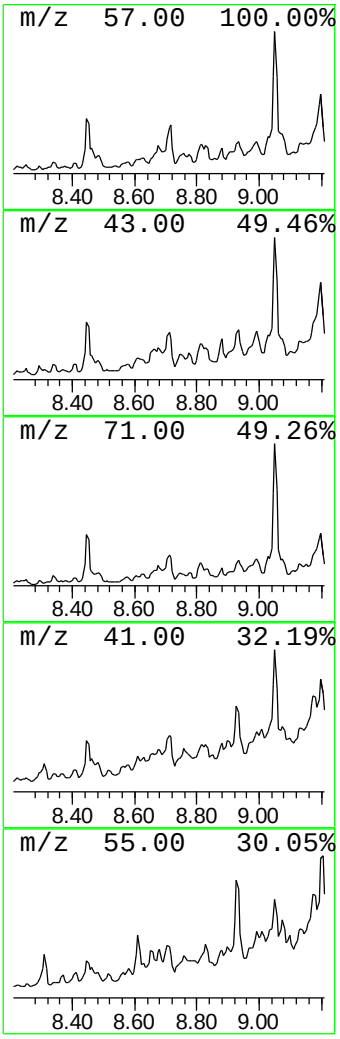
Peak Number 10 Hexadecane, 1-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	16.63 ng	1167680	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	64
2	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	53
3	Tetratetracontane	619	C44H90	007098-22-8	52
4	Tritetracontane	605	C43H88	007098-21-7	50
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	50





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Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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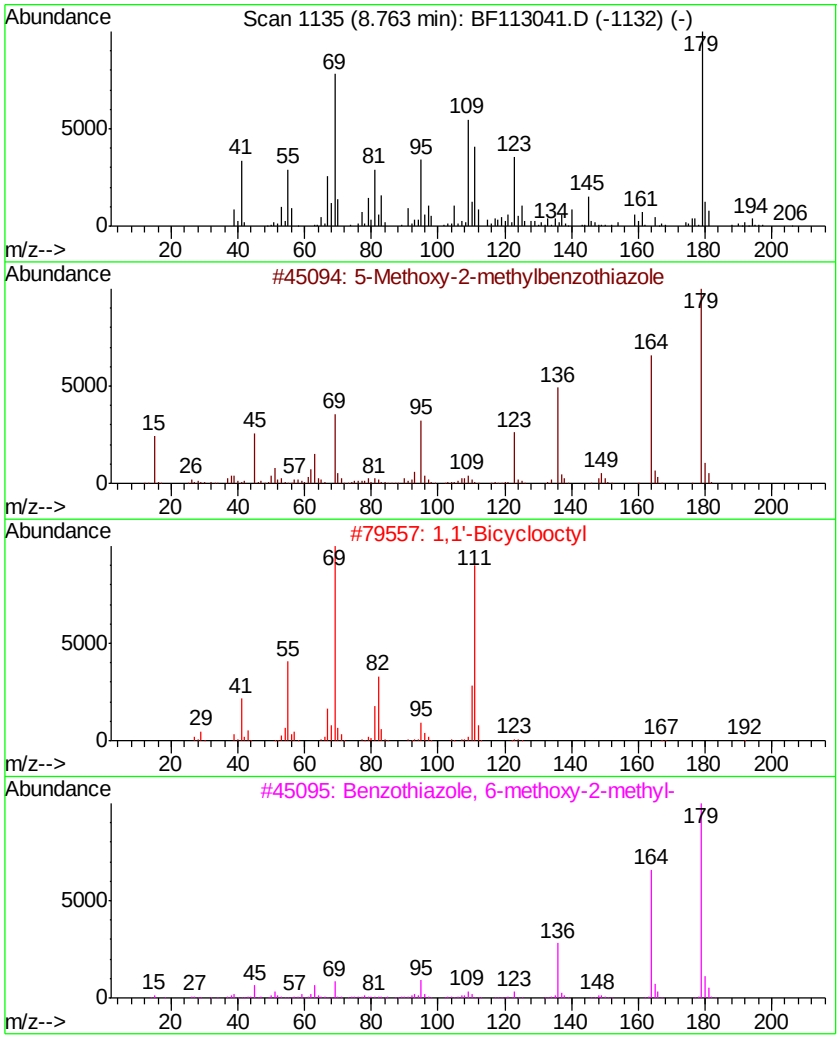
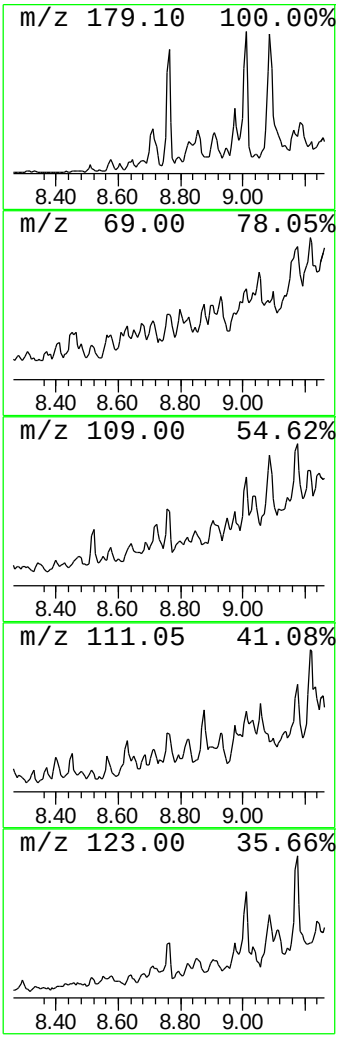
Peak Number 11 unknown8.76 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	7.07 ng	496634	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methoxy-2-methylbenzothiazole	179	C9H9NOS	1000342-71-0	27
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	27
3	Benzothiazole, 6-methoxy-2-methyl-	179	C9H9NOS	002941-72-2	27
4	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	25
5	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	22





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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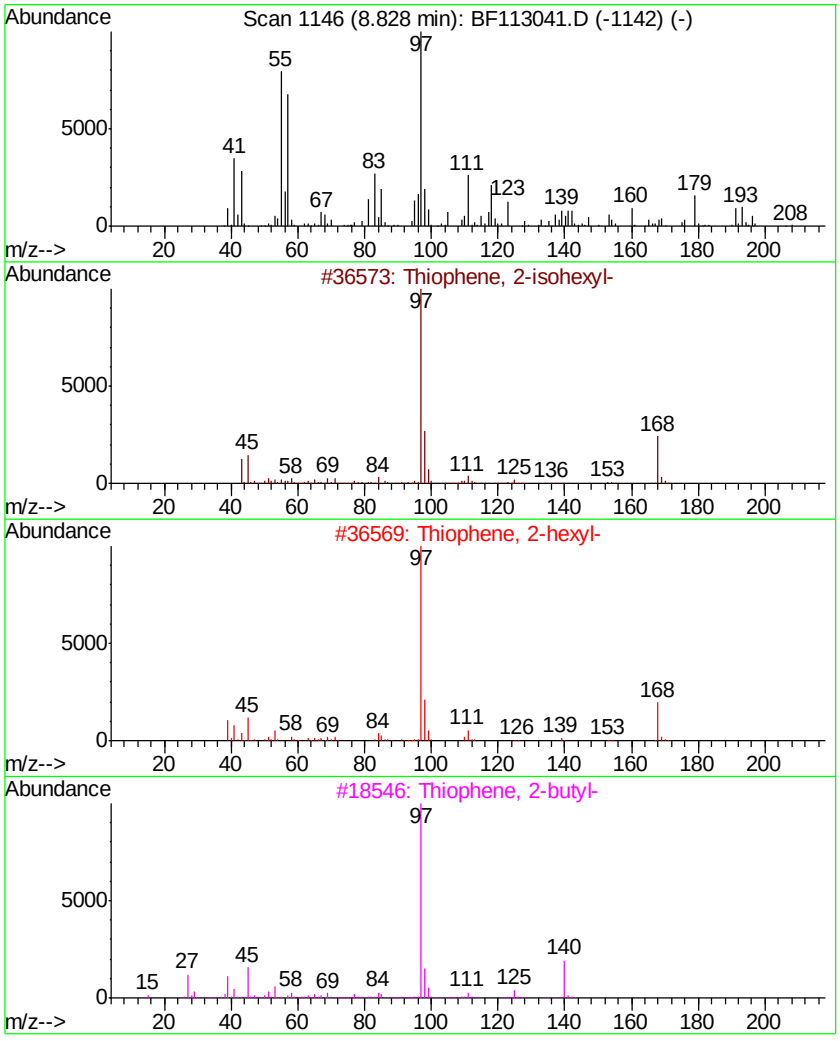
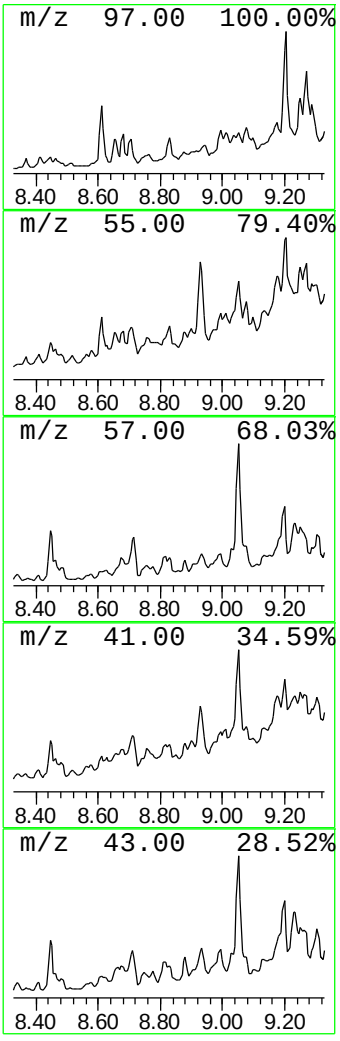
Peak Number 12 unknown8.83 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	7.19 ng	504631	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-isohexyl-	168	C10H16S	004861-59-0	43
2	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	43
3	Thiophene, 2-butyl-	140	C8H12S	001455-20-5	38
4	Triallylmethylsilane	166	C10H18Si	001112-91-0	32
5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	30





Library Search Compound Report

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Operator : JU/SJ
Sample : K1871-05
Misc :
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ClientSampleId : TP-2

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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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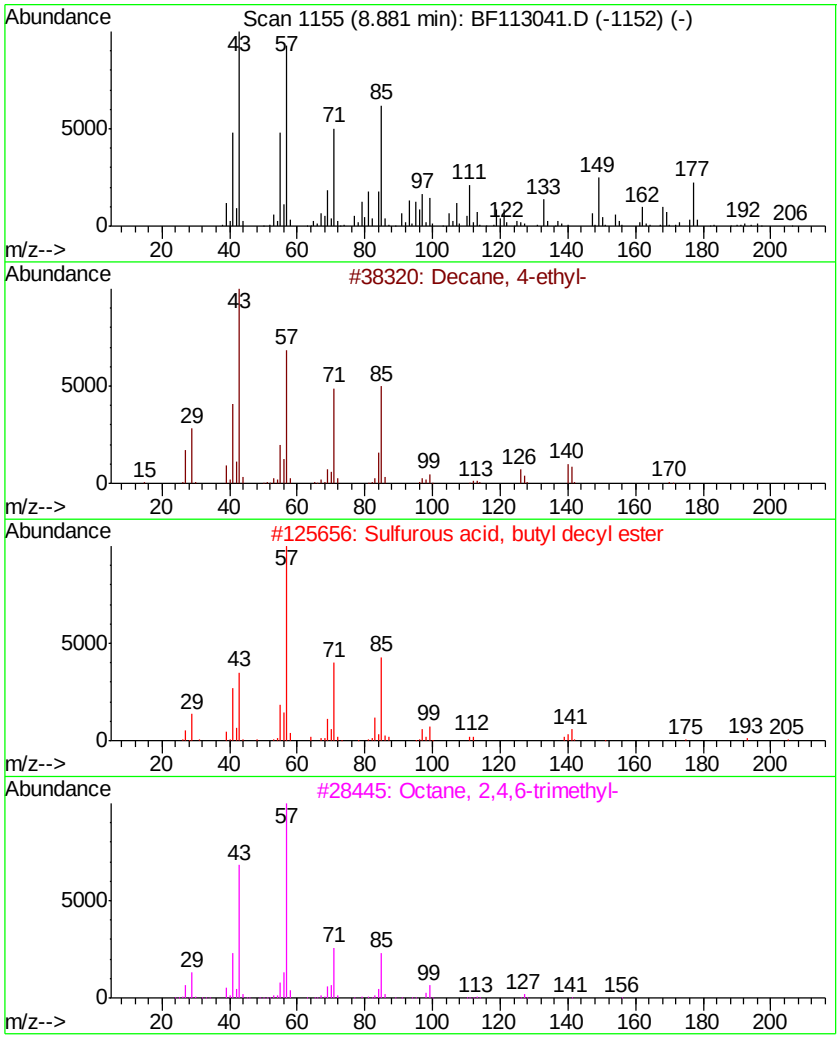
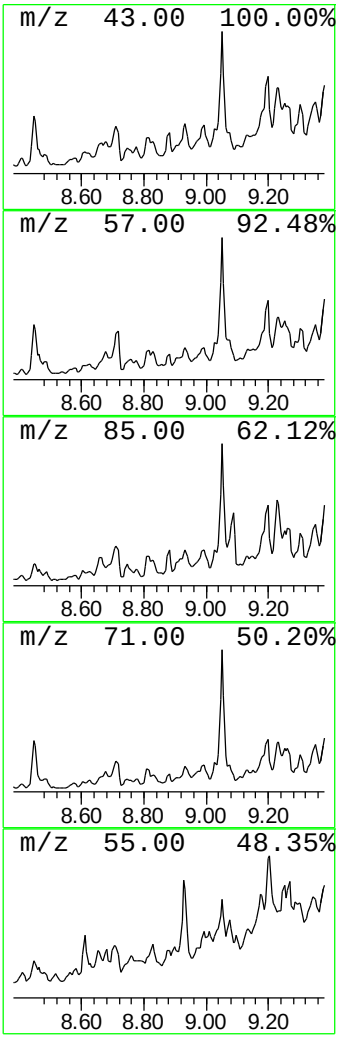
Peak Number 13 unknown8.88 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	7.26 ng	509818	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-	170	C12H26	001636-44-8	38
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	35
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	27
5	1-Iodoundecane	282	C11H23I	004282-44-4	22





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Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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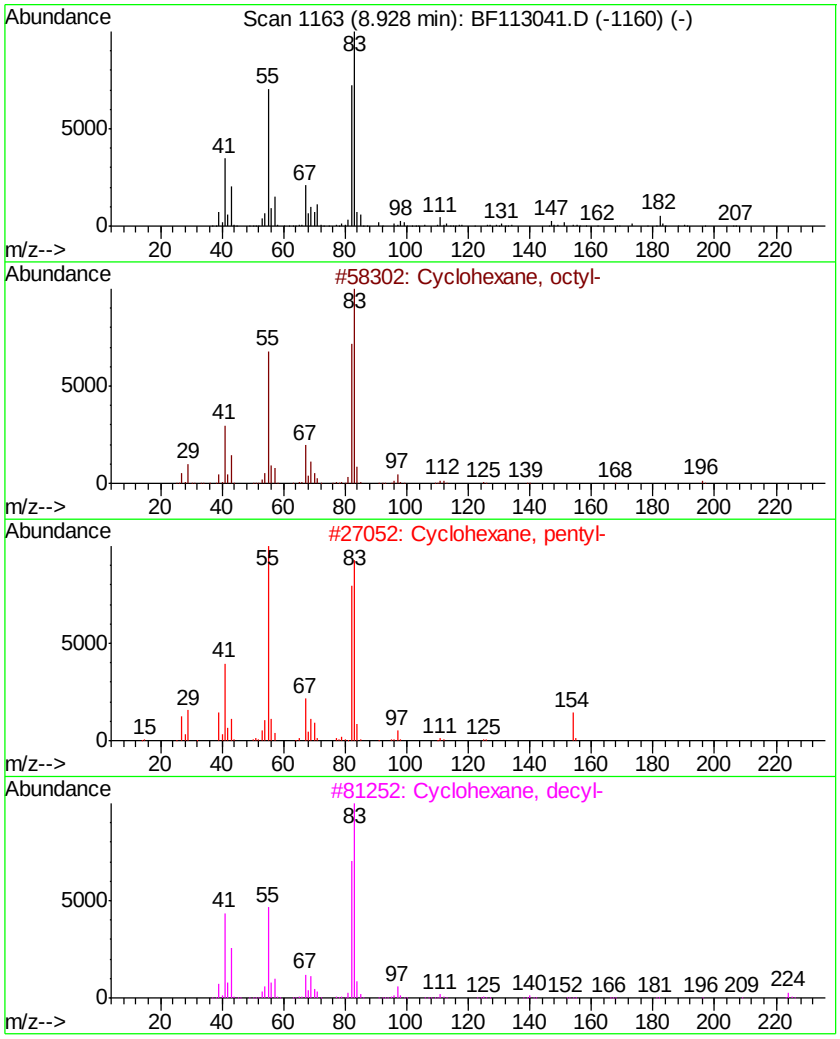
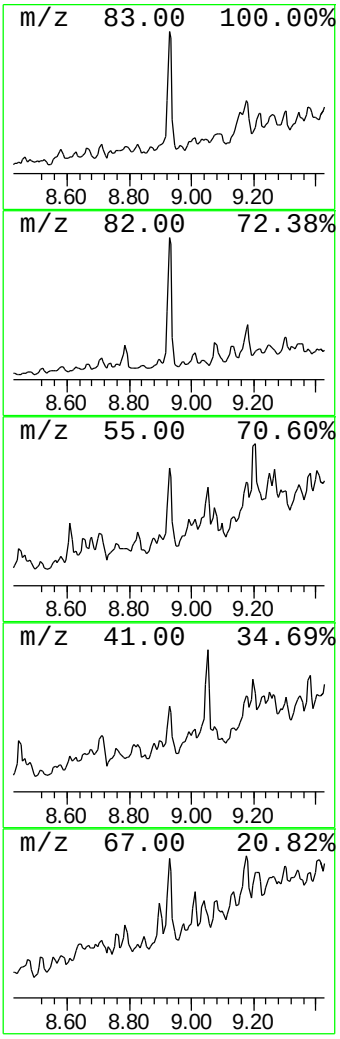
Peak Number 14 Cyclohexane, octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	8.14 ng	1347330	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	80
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	72
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
5	Heptylcyclohexane	182	C13H26	005617-41-4	72





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Sample : K1871-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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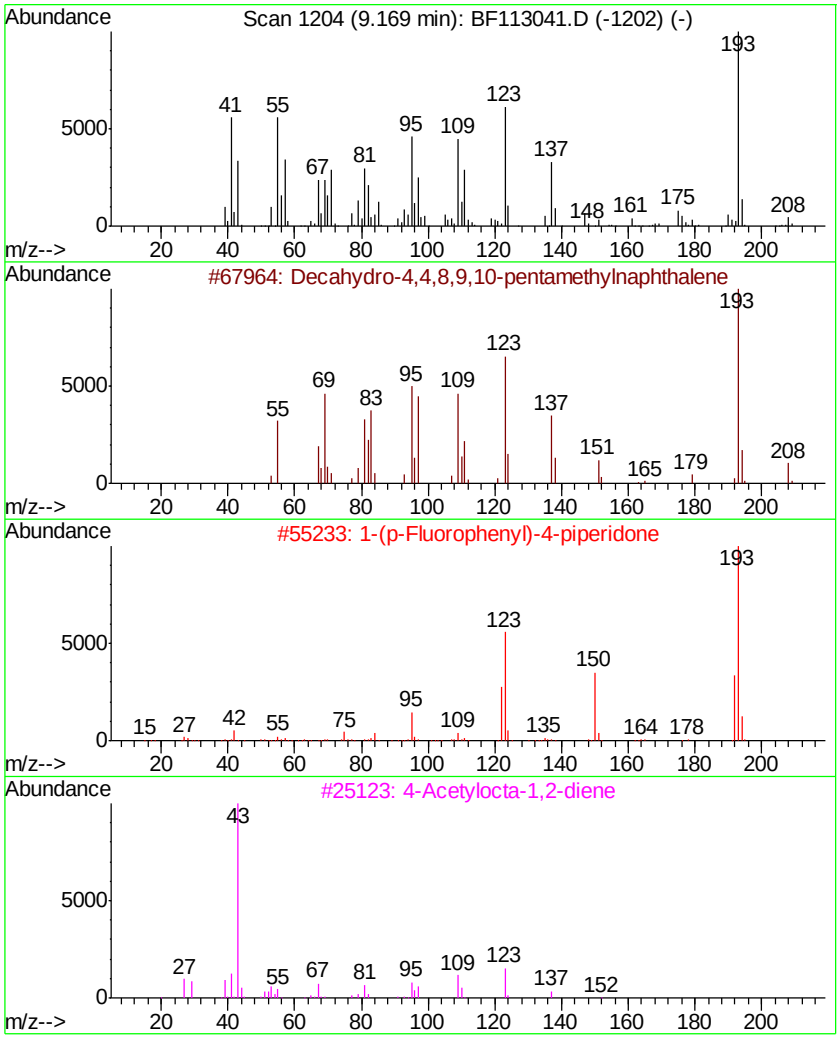
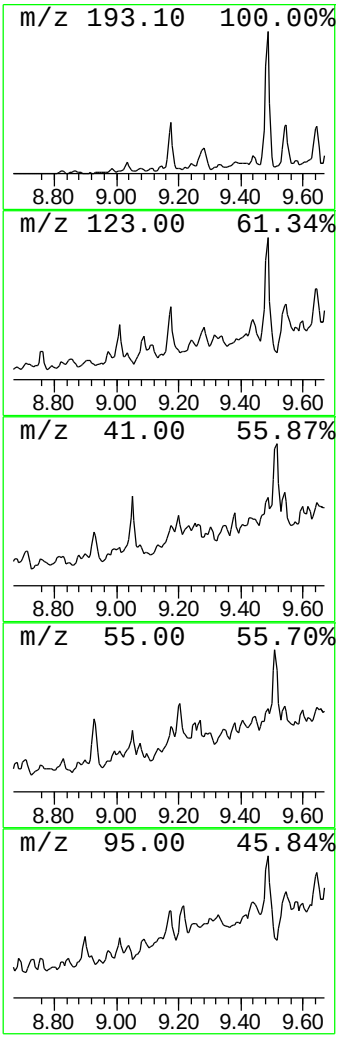
Peak Number 15 unknown9.17 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	6.65 ng	1100200	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	4-Acetylocta-1,2-diene	152	C10H16O	1000250-44-5	22
4	2-Anthracenamine	193	C14H11N	000613-13-8	18
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	14





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Sample : K1871-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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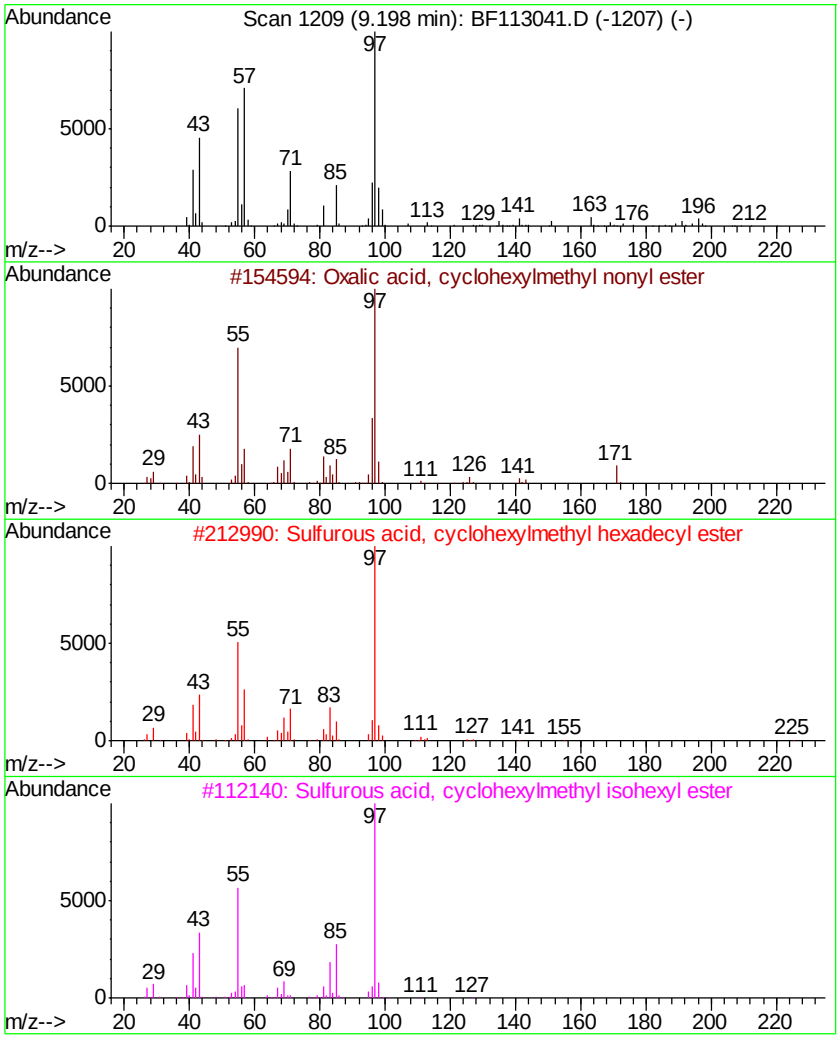
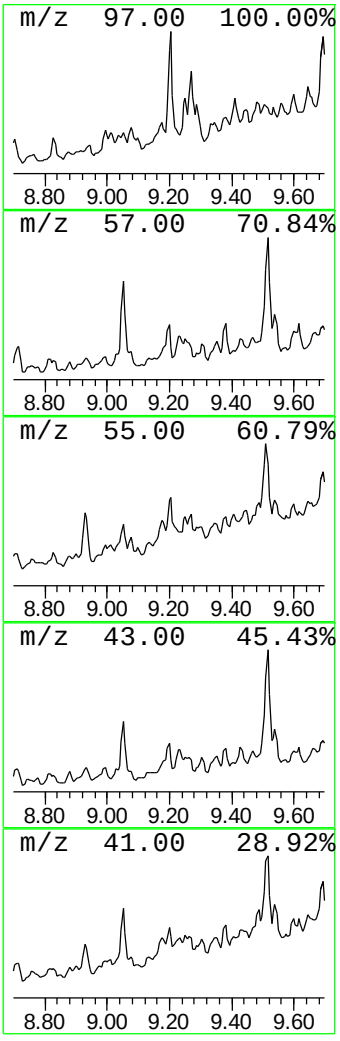
Peak Number 16 Oxalic acid, cyclohexylmeth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	4.12 ng	682019	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	50
2	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	50
3	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	47
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	37
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	37





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Sample : K1871-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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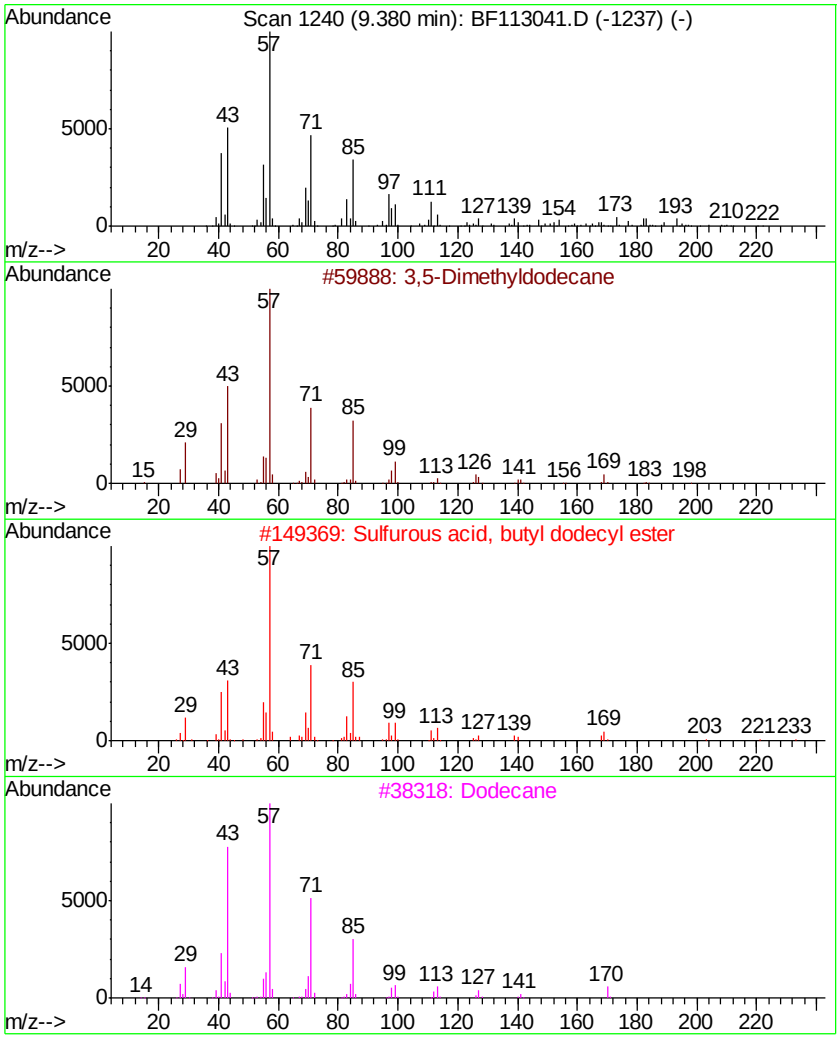
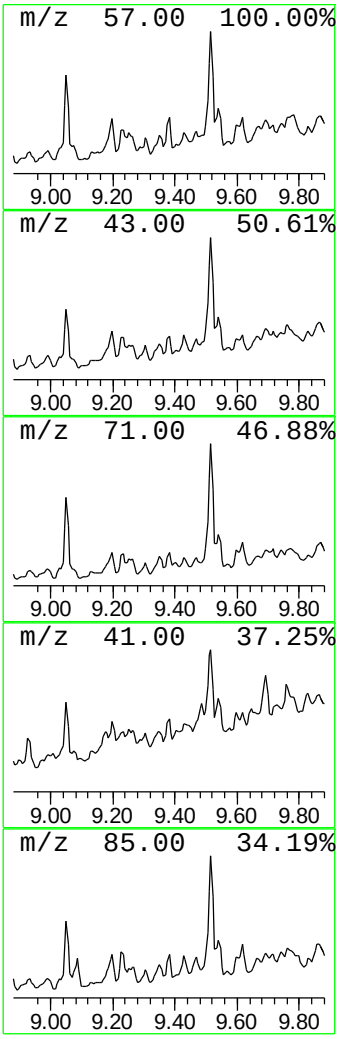
Peak Number 17 3,5-Dimethyldodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	5.70 ng	944012	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
3	Dodecane	170	C12H26	000112-40-3	68
4	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	59





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Acq On : 13 Mar 2019 21:16
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Sample : K1871-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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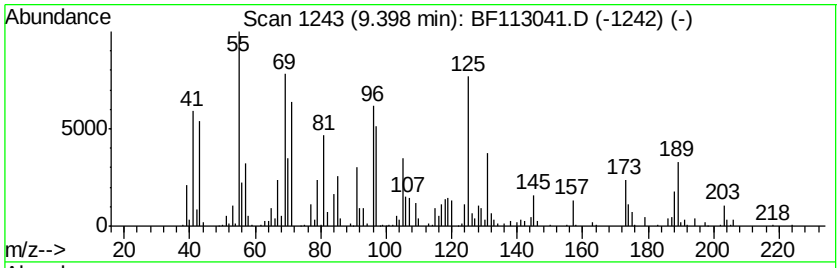
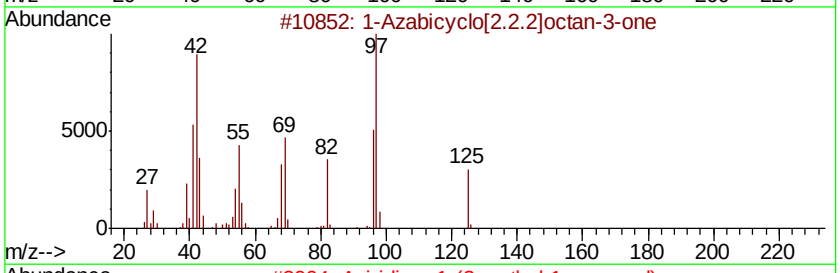
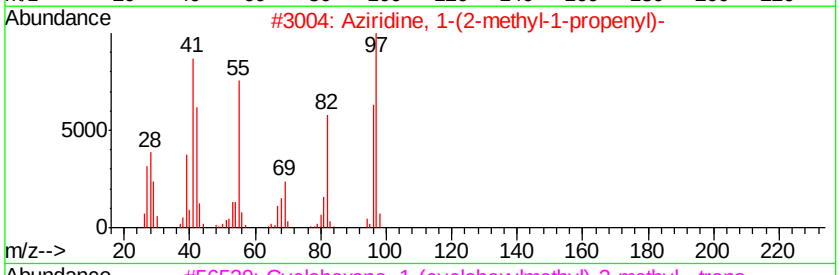
Peak Number 18 unknown9.40 Concentration Rank 16

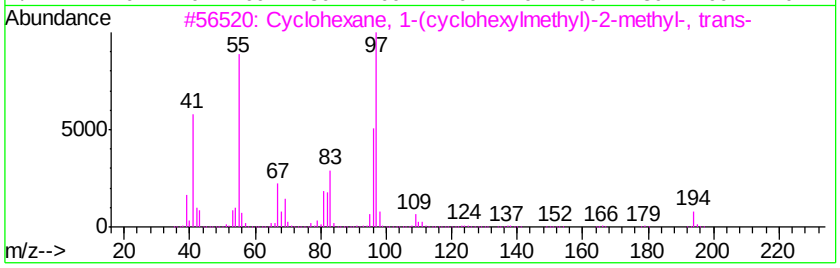
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.34 ng	718370	Acenaphthene-d10	9.77

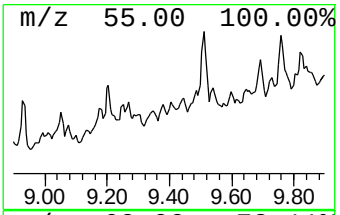
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Azabicyclo[2.2.2]octan-3-one	125	C7H11NO	003731-38-2	38
2	Aziridine, 1-(2-methyl-1-propenyl)-	97	C6H11N	080839-93-6	35
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-94-8	35
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	22
5	Diborane(6), tetrapropyl-	196	C12H30B2	022784-01-6	22

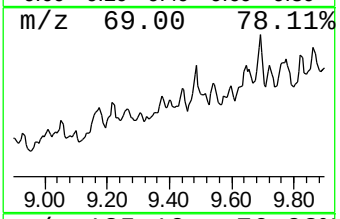


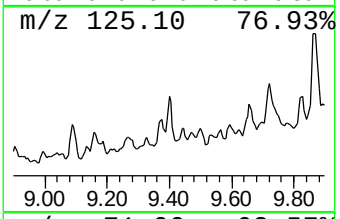


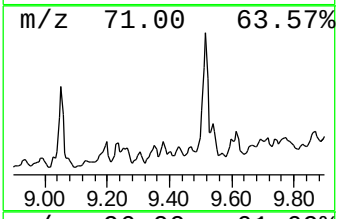


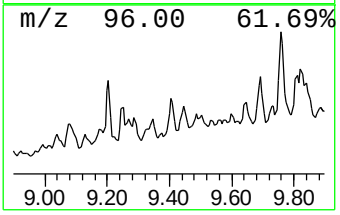












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Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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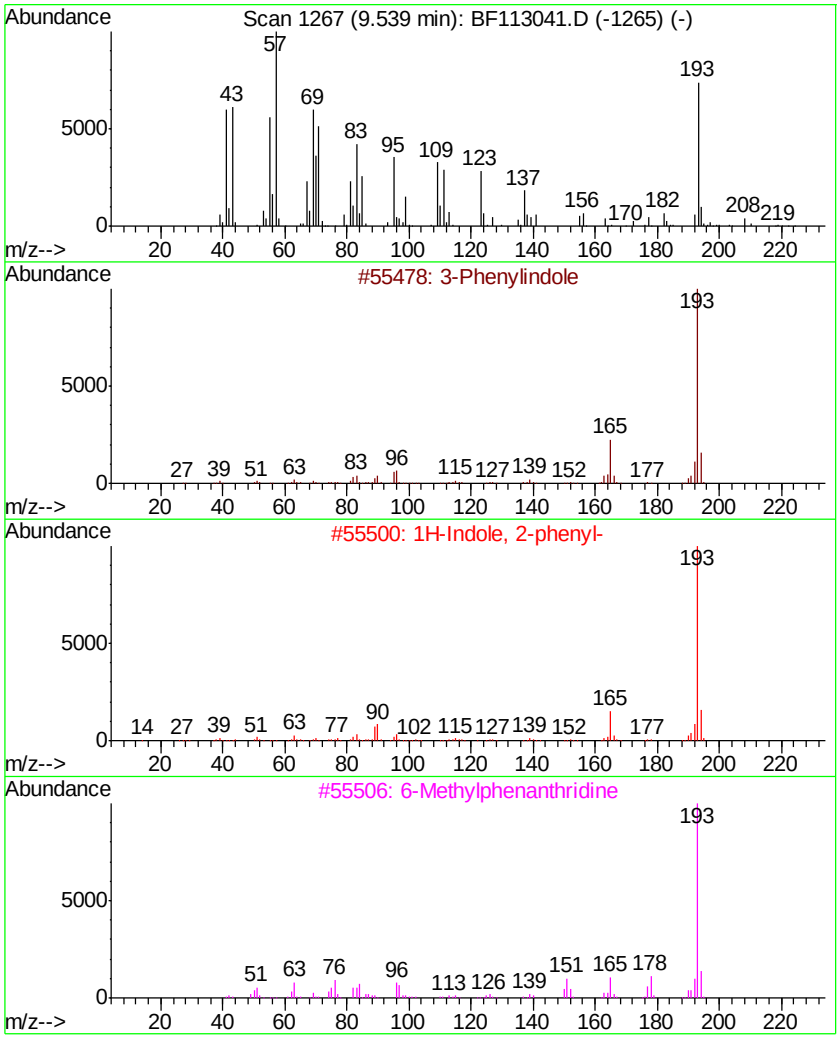
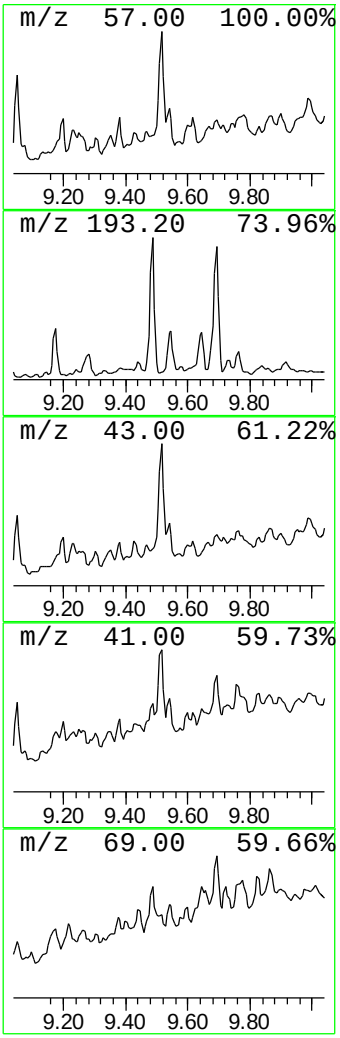
Peak Number 19 unknown9.54 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	10.05 ng	1663580	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylindole	193	C14H11N	001504-16-1	22
2	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	22
3	6-Methylphenanthridine	193	C14H11N	003955-65-5	18
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	18
5	3-Aminophenanthrene	193	C14H11N	001892-54-2	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

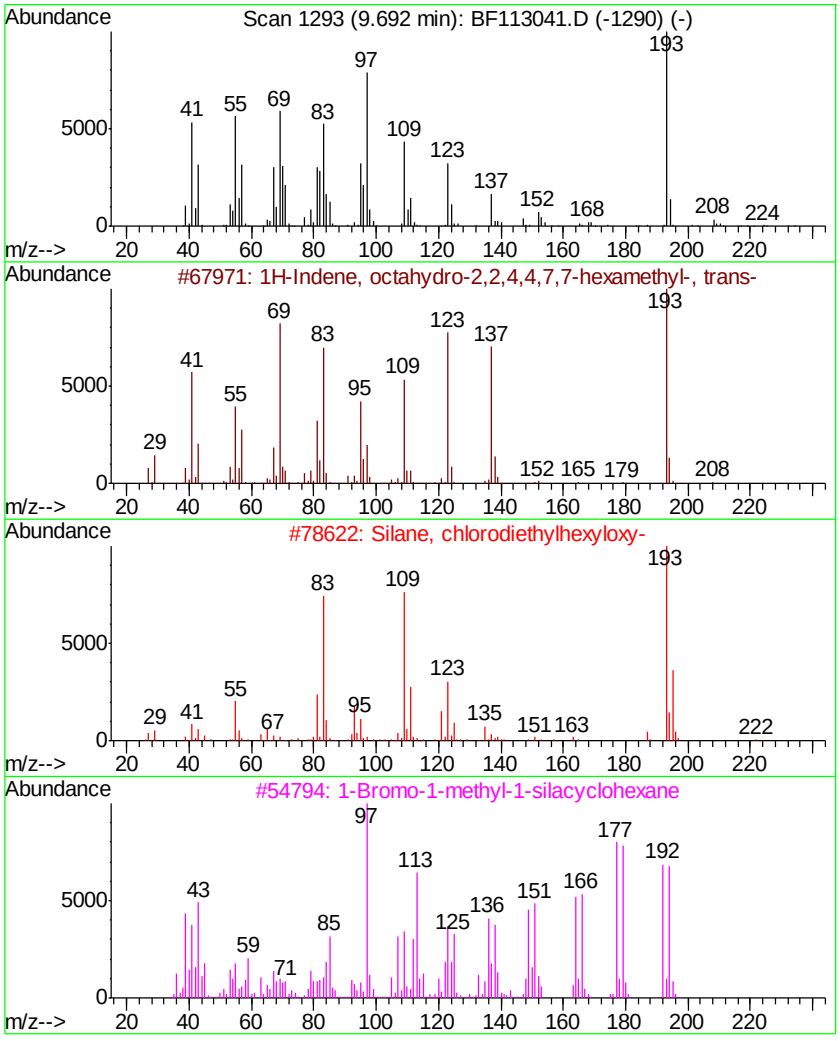
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

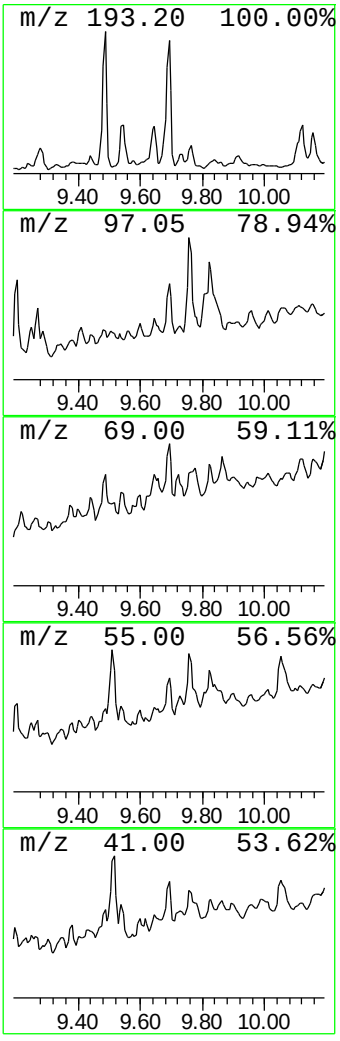
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, octahydro-2,2,4,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	13.52 ng	2237620	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	50
2	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	43
3	1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	38
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	38
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031319\
Data File : BF113041.D
Acq On : 13 Mar 2019 21:16
Operator : JU/SJ
Sample : K1871-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	77.7	ng	3391440	1	6.73	872755	20.0
Undecane, 2,6-dim...	8.09	5.3	ng	370758	2	8.01	1404470	20.0
Cyclohexane, hexyl-	8.31	8.4	ng	593190	2	8.01	1404470	20.0
Dichloroacetic ac...	8.41	4.3	ng	298389	2	8.01	1404470	20.0
Sulfurous acid, b...	8.45	17.6	ng	1236800	2	8.01	1404470	20.0
trans,cis-1,8-Dim...	8.52	4.1	ng	288128	2	8.01	1404470	20.0
Cyclohexane, 1-et...	8.61	7.1	ng	497201	2	8.01	1404470	20.0
unknown8.66	8.66	3.7	ng	258586	2	8.01	1404470	20.0
Hexadecane, 1-chl...	8.71	16.6	ng	1167680	2	8.01	1404470	20.0
unknown8.76	8.76	7.1	ng	496634	2	8.01	1404470	20.0
unknown8.83	8.83	7.2	ng	504631	2	8.01	1404470	20.0
unknown8.88	8.88	7.3	ng	509818	2	8.01	1404470	20.0
Cyclohexane, octyl-	8.93	8.1	ng	1347330	3	9.77	3310360	20.0
unknown9.17	9.17	6.7	ng	1100200	3	9.77	3310360	20.0
Oxalic acid, cycl...	9.20	4.1	ng	682019	3	9.77	3310360	20.0
3,5-Dimethyldodecane	9.38	5.7	ng	944012	3	9.77	3310360	20.0
unknown9.40	9.40	4.3	ng	718370	3	9.77	3310360	20.0
unknown9.54	9.54	10.1	ng	1663580	3	9.77	3310360	20.0
1H-Indene, octahy...	9.69	13.5	ng	2237620	3	9.77	3310360	20.0