LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.934	4	8	29	rVB	1528202	2337091	2.90%	0.620%
2	3.181	46	50	59	rVB	54460	82837	0.10%	0.022%
3	3.693	129	137	145	rVB2	59075	122518	0.15%	0.032%
4	5.681	468	475	481	rBV	55932	108268	0.13%	0.029%
5	6.375	587	593	598	rBV2	91607	161923	0.20%	0.043%
6	6.446	600	605	610	rVB	65274	106311	0.13%	0.028%
7	6.711	644	650	657	rVB4	72483	166111	0.21%	0.044%
8	6.834	657	671	685	rBV3	1315629	2793774	3.47%	0.741%
9	6.999	687	699	707	rBV	879398	1674491	2.08%	0.444%
10	7.069	707	711	715	rVB3	130963	172700	0.21%	0.046%
11	7.116	715	719	723	rBV4	121578	232881	0.29%	0.062%
12	7.193	723	732	737	rBV	1617506	2742119	3.41%	0.727%
13	7.269	737	745	752	rVB6	388477	897235	1.11%	0.238%
14	7.346	752	758	764	rVB7	116634	311516	0.39%	0.083%
15	7.416	764	770	774	rVB4	211497	356827	0.44%	0.095%
16	7.499	774	784	792	rBV6	442847	1196016	1.49%	0.317%
17	7.610	792	803	806	rBV4	835862	1937888	2.41%	0.514%
18	7.658	806	811	817	rVB2	1615274	2778791	3.45%	0.737%
19	7.710	817	820	823	rVB2	110524	117827	0.15%	0.031%
20	7.758	823	828	832	rBV5	276540	535813	0.67%	0.142%
21	7.805	832	836	839	rBV3	255884	398659	0.50%	0.106%
22	7.852	840	844	846	rBV3	409043	619992	0.77%	0.164%
23	7.916	852	855	857	rBV2	219208	277924	0.35%	0.074%
24	7.952	857	861	866	rVV4	528358	897800	1.12%	0.238%
25	8.046	873	877	880	rBV4	312786	437162	0.54%	0.116%
26	8.081	880	883	887	rVB3	429611	597207	0.74%	0.158%
27	8.128	887	891	896	rBV2	469280	834896	1.04%	0.221%
28	8.234	904	909	918	rVB2	1770664	3243057	4.03%	0.860%
29	8.316	918	923	925	rBV2	215205	380606	0.47%	0.101%
30	8.363	926	931	936	rBV2	815372	1337167	1.66%	0.355%
31	8.434	938	943	947	rBV5	597669	1236260	1.54%	0.328%
32	8.493	951	953	957	rVV2	589259	707678	0.88%	0.188%
33	8.557	957	964	968	rVV3	1569189	3122491	3.88%	0.828%
34	8.652	977	980	988	rVB5	974222	2052341	2.55%	0.544%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

35	8.769	988	1000	1003	rBV4	2480132	6945612	8.63%	1.842%
36	9.022	1034	1043	1050	rVB4	1625343	3845696	4.78%	1.020%
37	9.087	1050	1054	1057	rBV4	519772	878149	1.09%	0.233%
38	9.140	1058	1063	1068	rVB4	748495	1322147	1.64%	0.351%
39	9.199	1068	1073	1079	rBV5	638049	1671185	2.08%	0.443%
40	9.322	1090	1094	1098	rVB2	960112	1456916	1.81%	0.386%
41	9.381	1098	1104	1110	rBV2	2861465	4710514	5.85%	1.249%
42	9.534	1122	1130	1136	rBV2	2453299	5794615	7.20%	1.537%
43	9.640	1142	1148	1156	rBV2	5149440	11239579	13.97%	2.980%
44	9.710	1156	1160	1163	rVB3	543921	705980	0.88%	0.187%
45	9.916	1190	1195	1200	rBV4	1020926	1927613	2.40%	0.511%
46	10.057	1215	1219	1230	rVB4	1965191	3839912	4.77%	1.018%
47	10.163	1232	1237	1241	rBV4	1022407	2055311	2.55%	0.545%
48	10.210	1241	1245	1249	rBV4	881394	1753207	2.18%	0.465%
49	10.322	1261	1264	1267	rBV2	797710	1133539	1.41%	0.301%
50	10.434	1276	1283	1287	rBV2	2719832	7102227	8.82%	1.883%
51	10.540	1296	1301	1303	rBV4	797729	1534400	1.91%	0.407%
52	10.575	1304	1307	1313	rVB	1848764	3139141	3.90%	0.832%
53	10.646	1314	1319	1323	rBV	2085839	3957748	4.92%	1.049%
54	10.863	1352	1356	1361	rBV	1828687	2820685	3.50%	0.748%
55	10.957	1367	1372	1375	rBV2	1817640	3045490	3.78%	0.808%
56	10.993	1376	1378	1382	rVB	1278168	1569235	1.95%	0.416%
57	11.069	1388	1391	1394	rBV	844283	1024232	1.27%	0.272%
58	11.146	1400	1404	1411	rVB4	4335679	8257866	10.26%	2.190%
59	11.216	1411	1416	1419	rBV4	1408989	2902123	3.61%	0.770%
60	11.510	1460	1466	1469	rBV5	3763803	8133093	10.11%	2.157%
61	11.651	1486	1490	1494	rBV	2174278	3175387	3.95%	0.842%
62	12.204	1579	1584	1592	rBV4	5118361	12182225	15.14%	3.230%
63	12.751	1673	1677	1682	rVB3	7608620	12201077	15.16%	3.235%
64	12.881	1696	1699	1702	rBV	4509229	6165301	7.66%	1.635%
65	13.104	1733	1737	1741	rBV	7955930	12923239	16.06%	3.427%
66	13.651	1827	1830	1833	rBV3	3565958	5964991	7.41%	1.582%
67	13.763	1842	1849	1853	rVB2	15927008	33998310	42.24%	9.015%
68	13.851	1860	1864	1875	rVB5	8186240	21571953	26.80%	5.720%
69	14.245	1927	1931	1935	rBV4	5331122	10111363	12.56%	2.681%
70	15.122	2076	2080	2087	rVB2	7330752	16575488	20.60%	4.395%
71	16.781	2350	2362	2372	rVB4	19652524	80481315	100.00%	21.341%

LSC Area Percent Report

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Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

72	18.898	2718	2722	2726	rVB3	6734164	8615133	10.70%	2.284%
73	19.451	2812	2816	2824	rVB3	8097457	15354116	19.08%	4.071%
74	19.969	2901	2904	2907	rBV	4254530	4598573	5.71%	1.219%
75	20.222	2944	2947	2950	rVB	4726385	5458309	6.78%	1.447%

Sum of corrected areas: 377119172

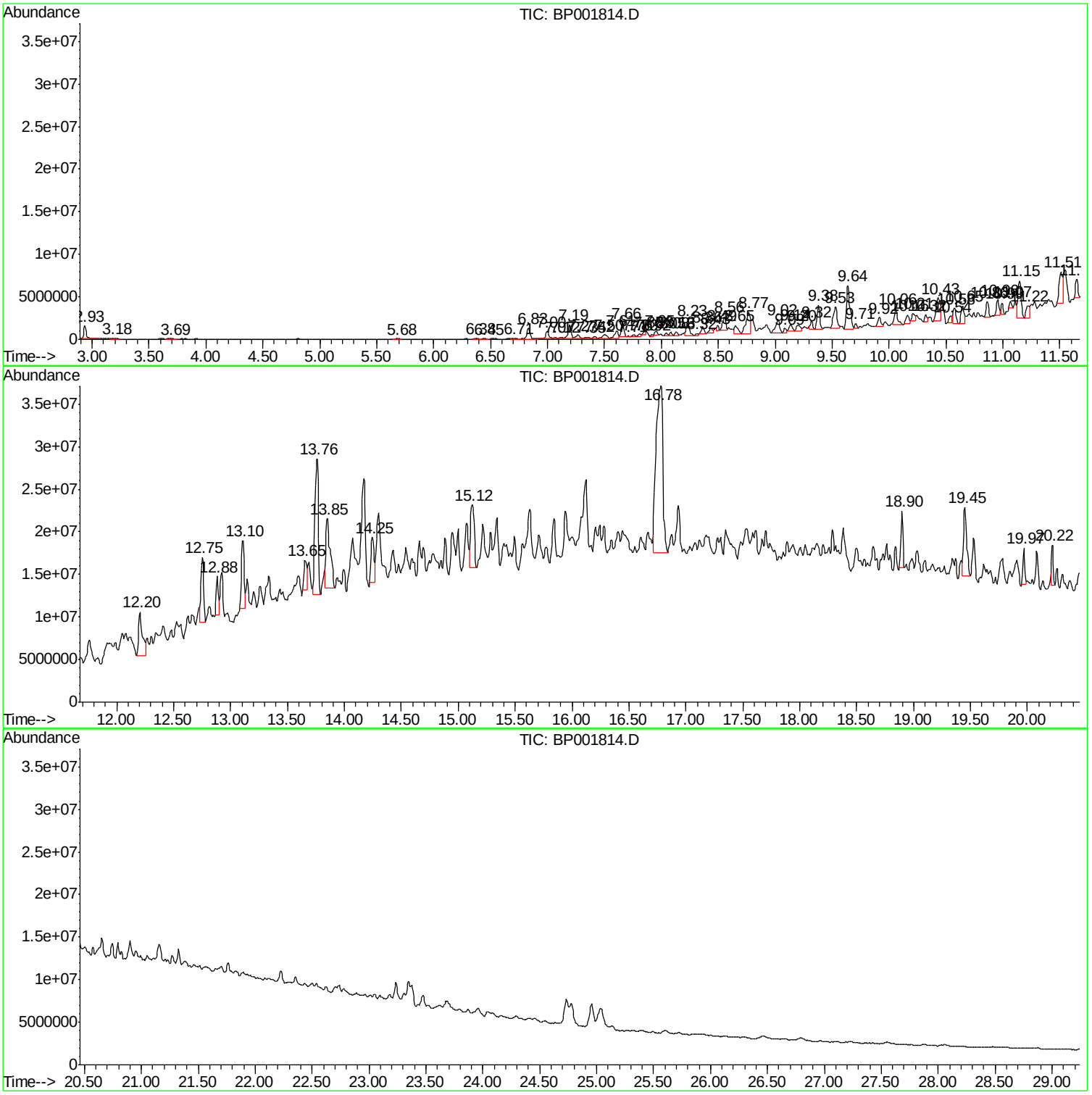
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

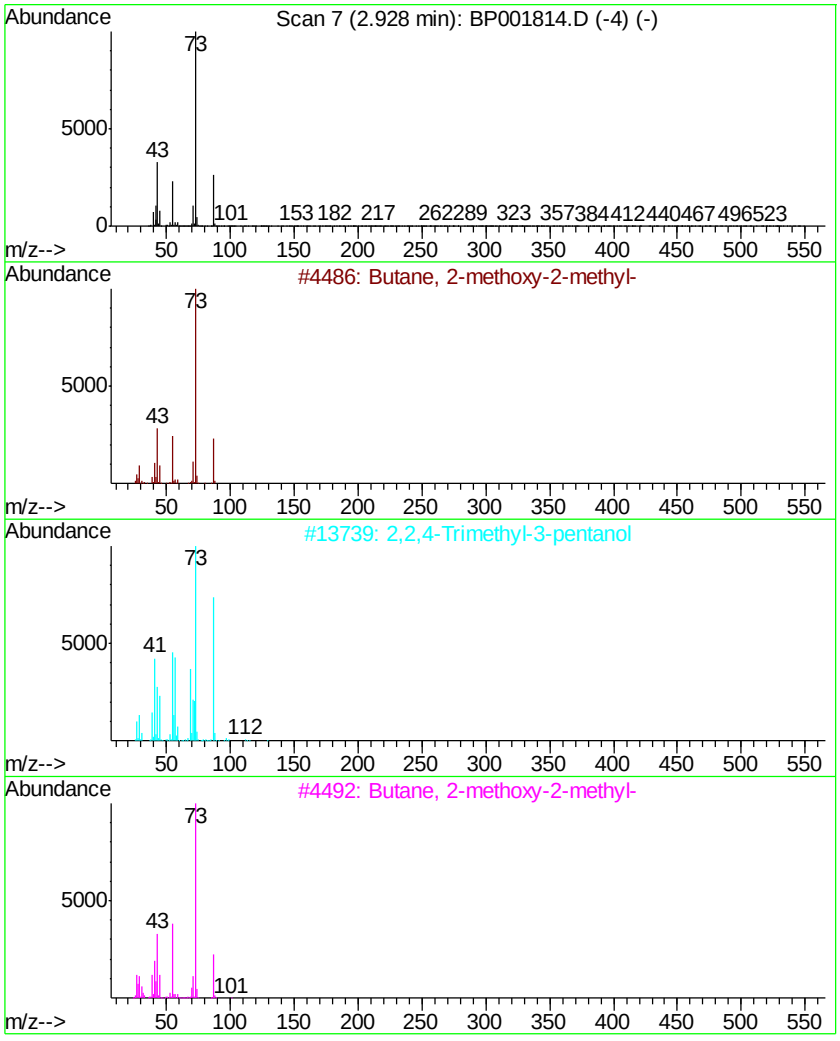
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

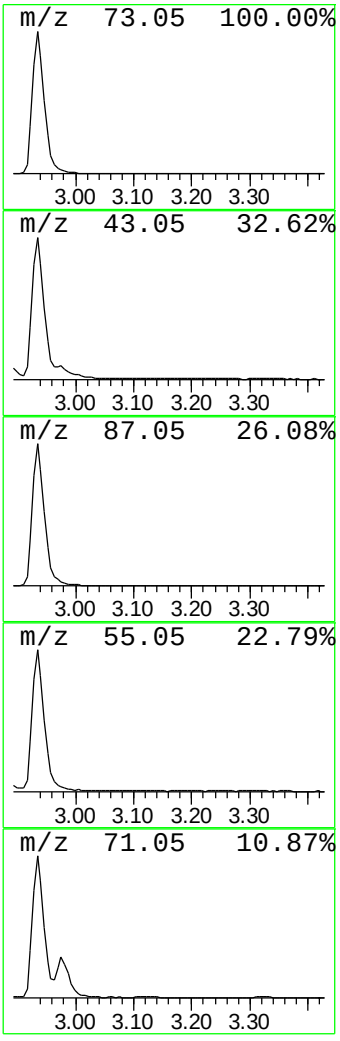
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	16.82 ng/ul	2337090	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

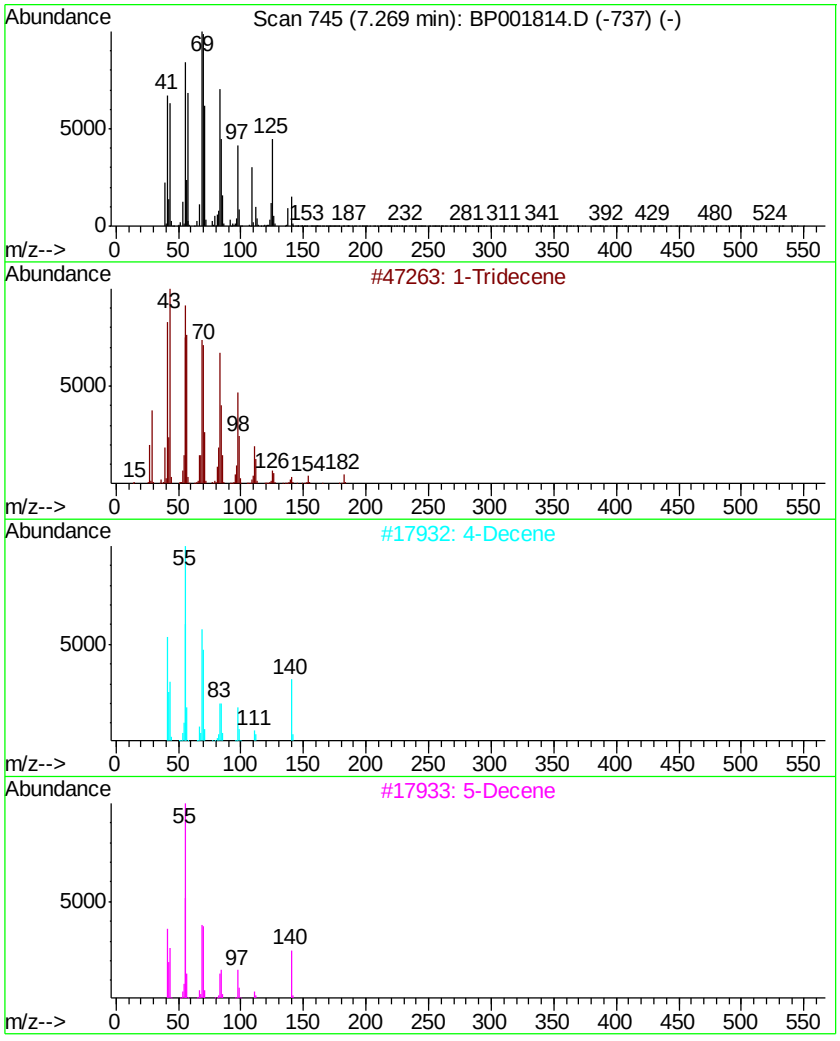
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

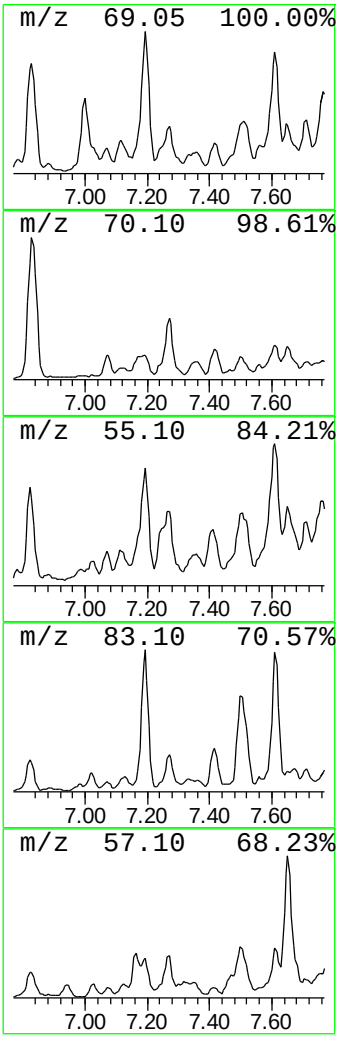
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	6.46 ng/ul	897235	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	64
2	4-Decene	140	C10H20	019689-18-0	58
3	5-Decene	140	C10H20	019689-19-1	52
4	1-Tridecene	182	C13H26	002437-56-1	38
5	1-Tridecene	182	C13H26	002437-56-1	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

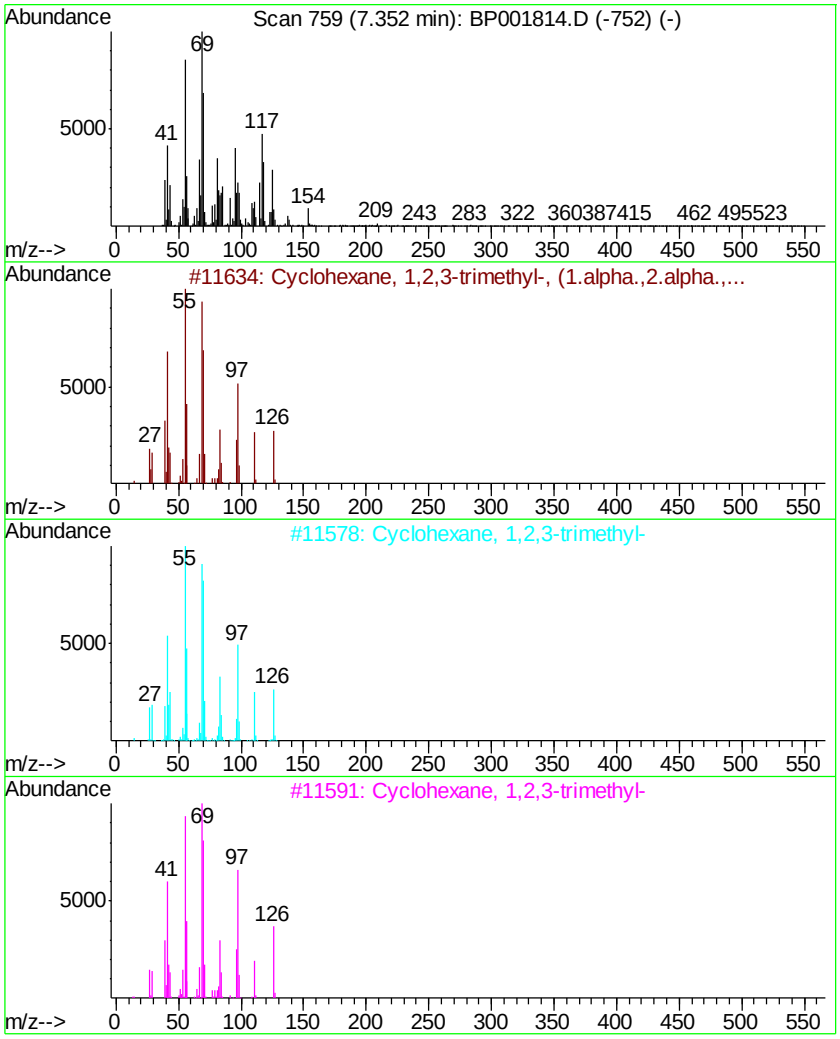
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

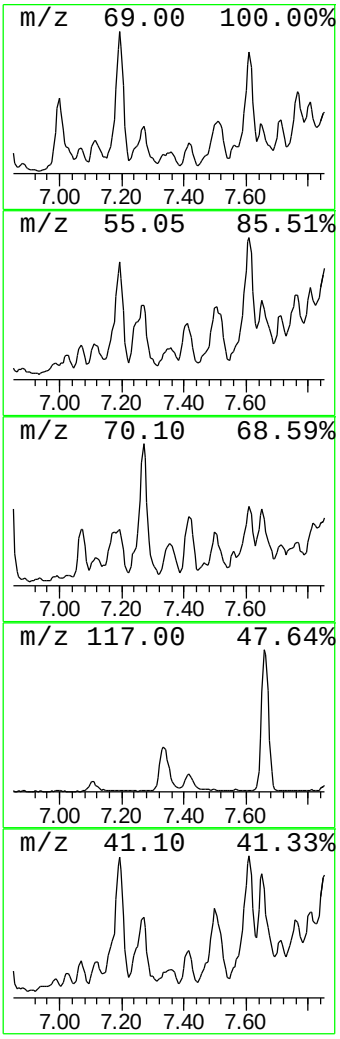
****

Peak Number 3 (DEL) Alkane: Cyclic7.35 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	2.24 ng/ul	311516	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	64
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	46
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	42
4	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	38
5	Disparlure	282	C19H38O	029804-22-6	38





Library Search Compound Report

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Data File : BP001814.D
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Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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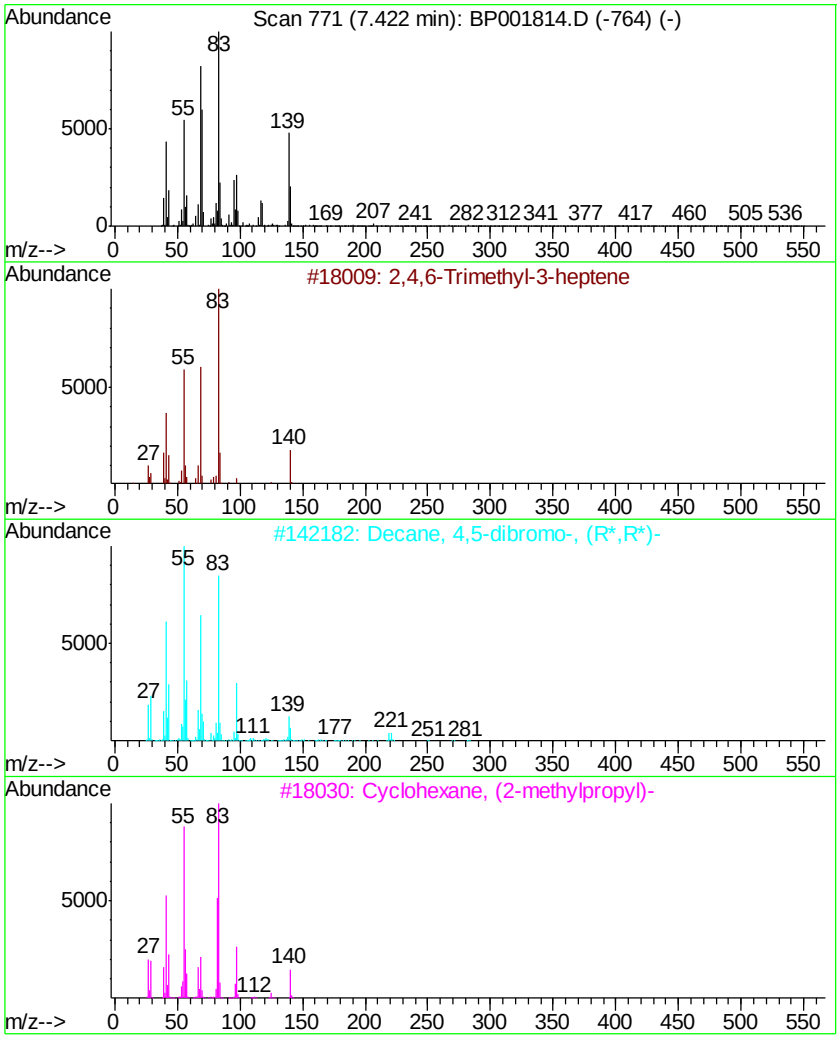
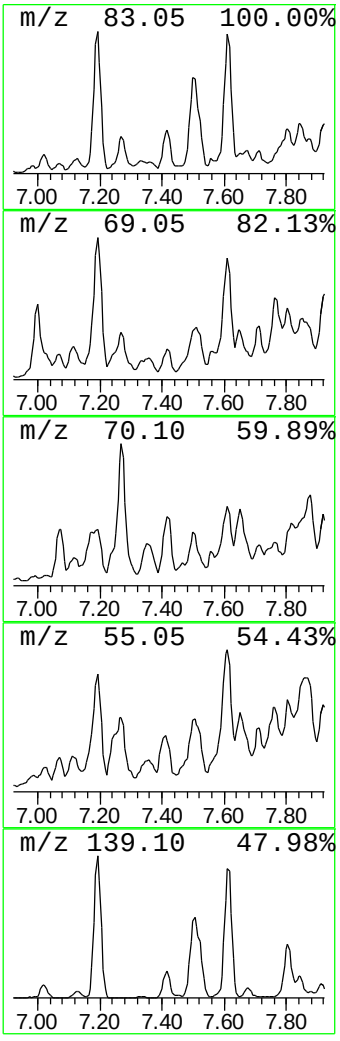
Peak Number 4 unknown-01 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	2.57 ng/ul	356827	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	46
2	Decane, 4,5-dibromo-, (R*,R*)-	298	C10H20Br2	061141-70-6	43
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	35
4	Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	22
5	2,6-Octadiene, 2,4-dimethyl-	138	C10H18	063843-03-8	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

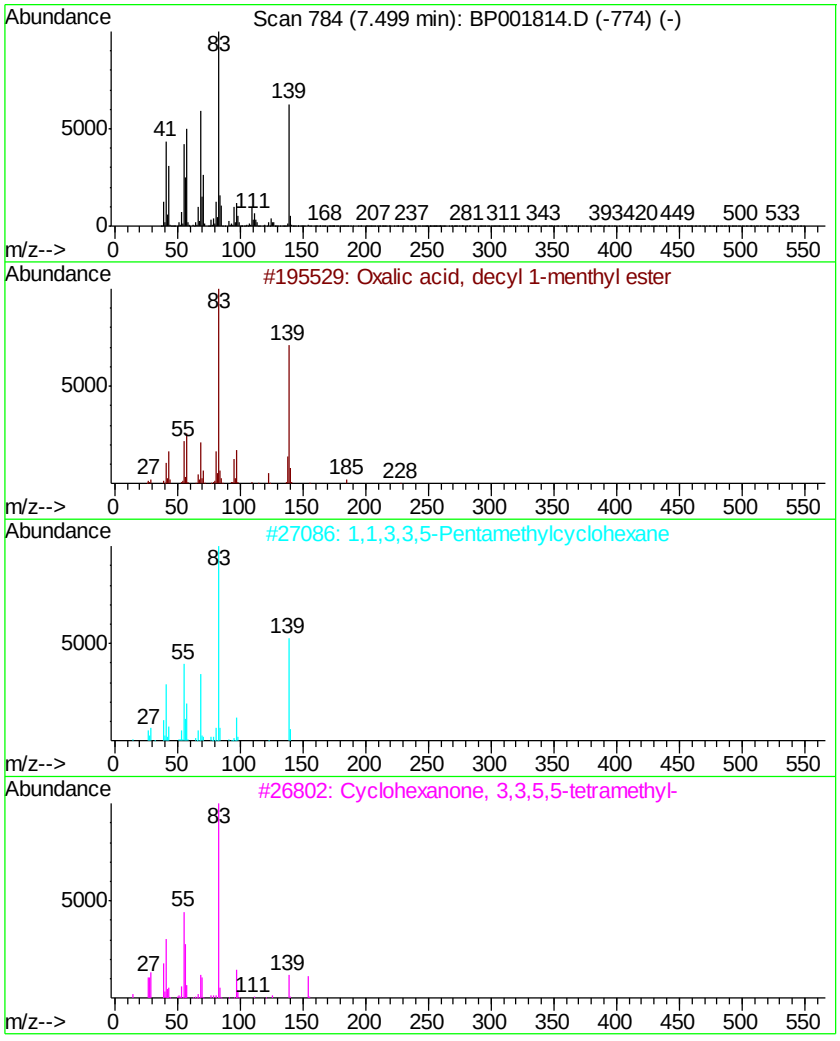
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

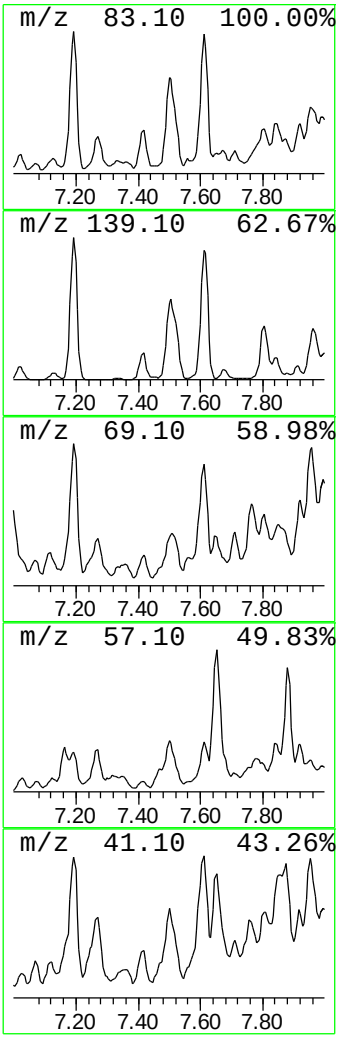
****

Peak Number 5 Oxalic acid, decyl 1-menthy... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	8.61 ng/ul	1196020	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, decyl 1-menthyl ester	368	C22H40O4	1000314-97-8	59
2	1,1,3,3,5-Pentamethylcyclohexane	154	C11H22	070810-19-4	53
3	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	47
4	Oxalic acid, heptyl 1-menthyl ester	326	C19H34O4	1000314-97-5	45
5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

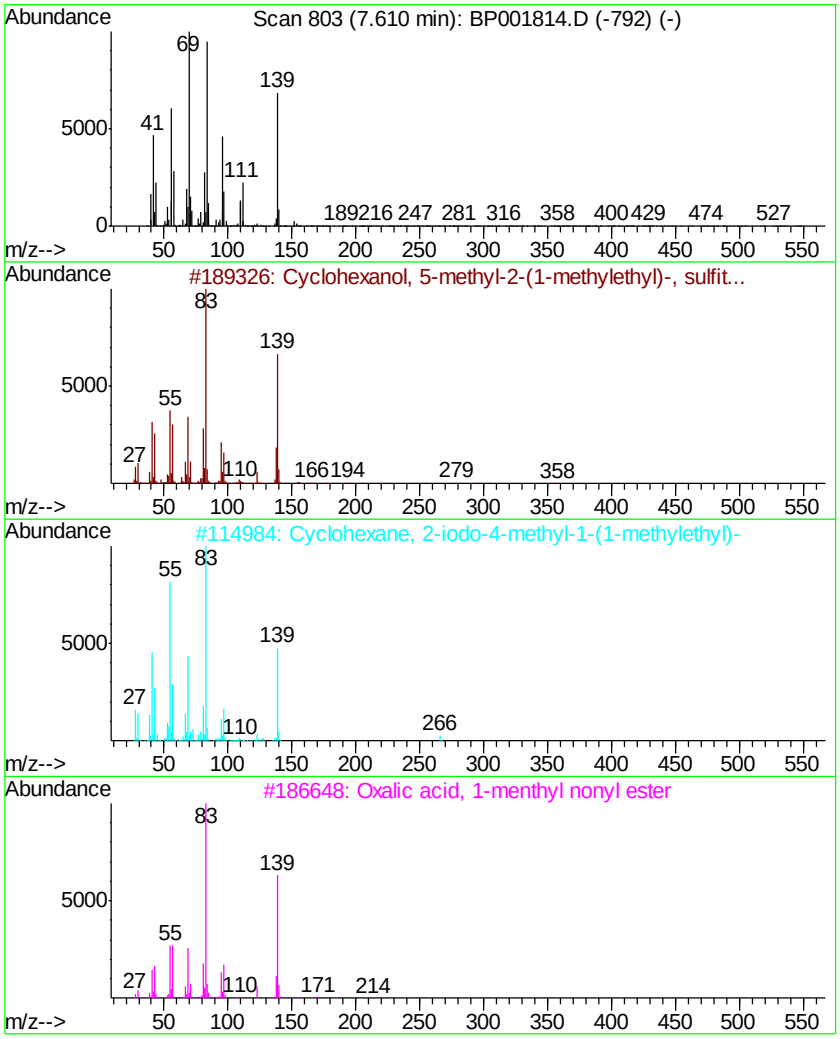
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

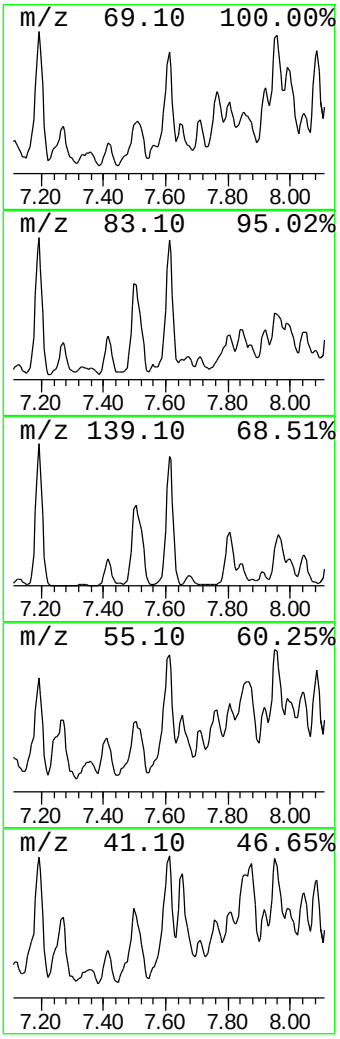
****

Peak Number 6 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	13.95 ng/ul	1937890	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	358	C20H38O3S	026510-92-9	41
2	Cyclohexane, 2-iodo-4-methyl-1-(...	266	C10H19I	064240-81-9	38
3	Oxalic acid, 1-menthyl nonyl ester	354	C21H38O4	1000314-97-7	38
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	35
5	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	30





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Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

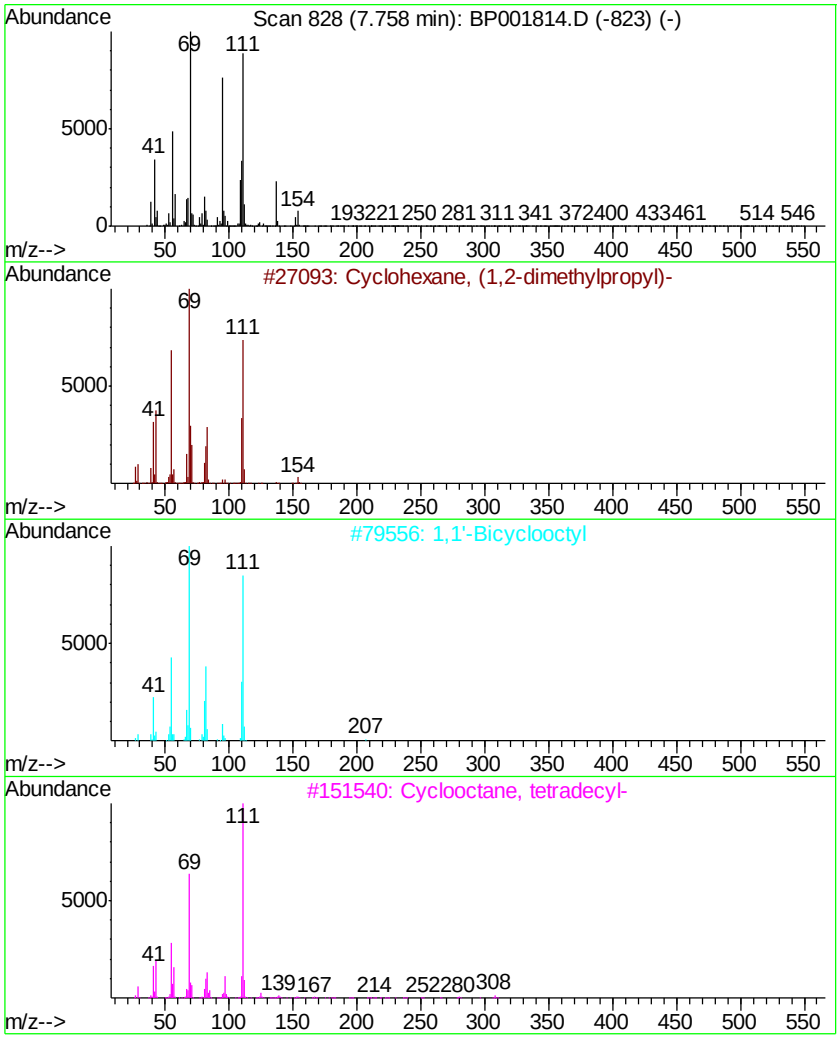
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

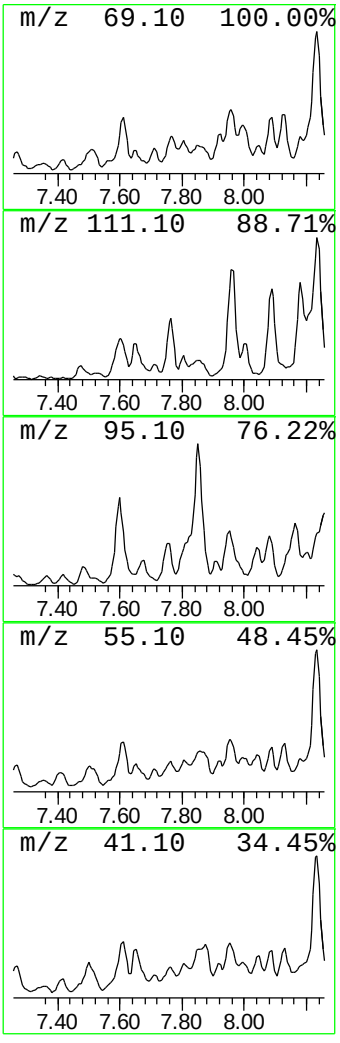
****

Peak Number 7 (DEL) Alkane: Cyclic7.76 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	3.86 ng/ul	535813	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	47
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47
3	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	43
4	2-Furanecarboxylic acid, 3,5-dim...	222	C13H18O3	1000278-87-2	22
5	5-Amino-1,3-dimethylpyrazole	111	C5H9N3	003524-32-1	22





Library Search Compound Report

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Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

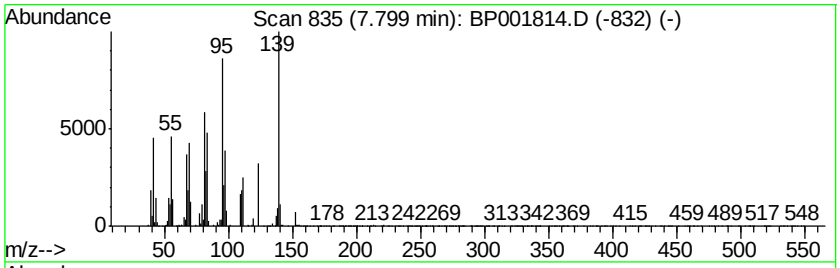
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

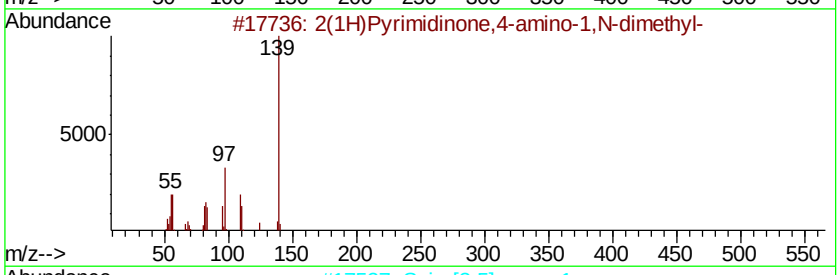
****

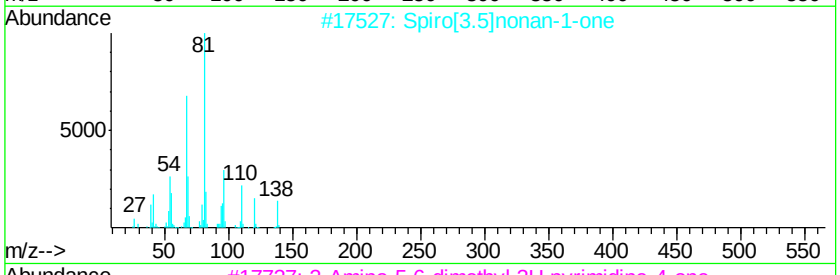
Peak Number 8 unknown-03 Concentration Rank 45

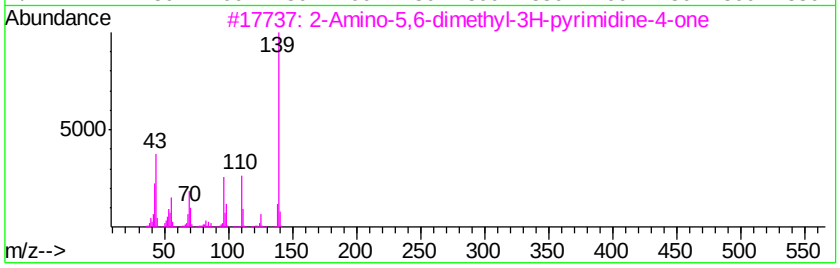
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	2.87 ng/ul	398659	1,4-Dichlorobenzene-d4	7.66

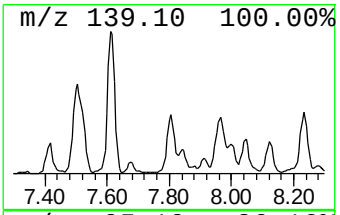
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)Pyrimidinone,4-amino-1,N-di...	139	C6H9N3O	006220-49-1	38
2	Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	35
3	2-Amino-5,6-dimethyl-3H-pyrimidi...	139	C6H9N3O	1000372-55-6	18
4	Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	18
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	15

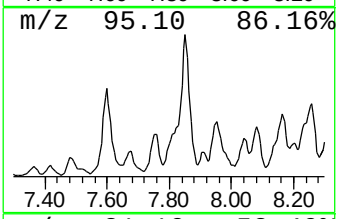


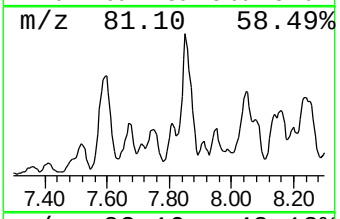


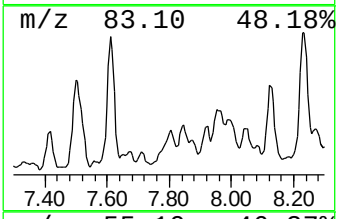


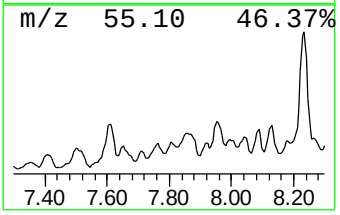












Library Search Compound Report

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Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

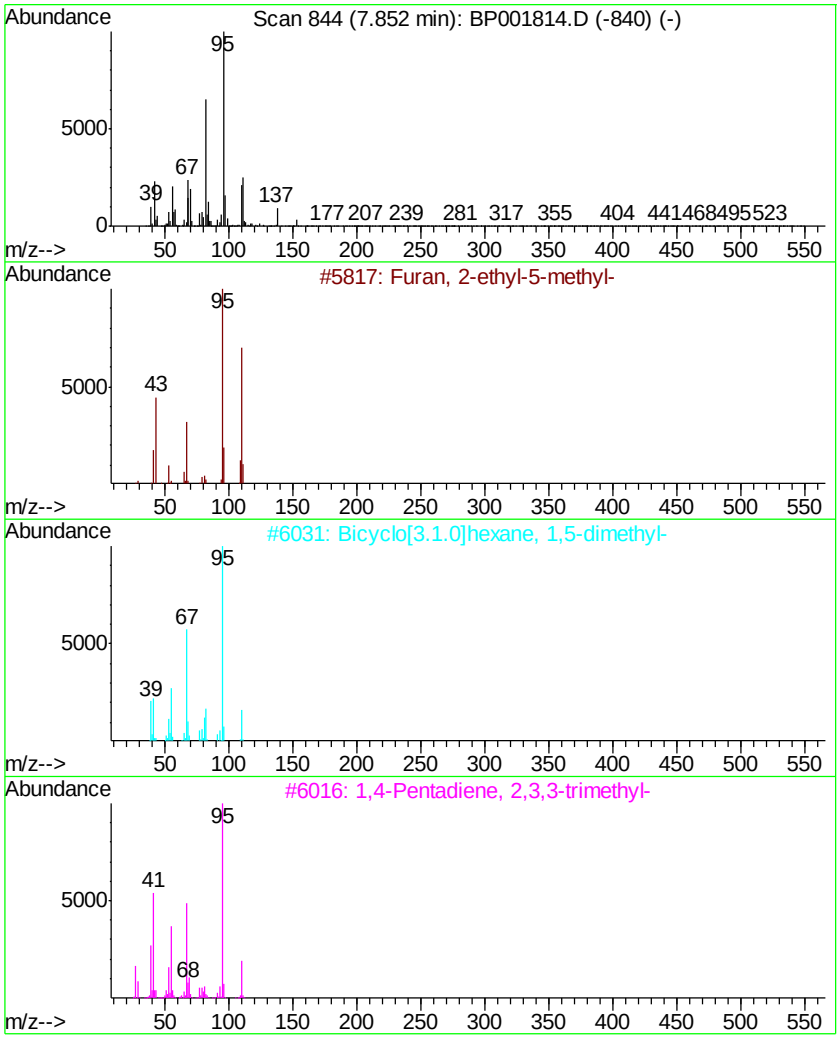
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

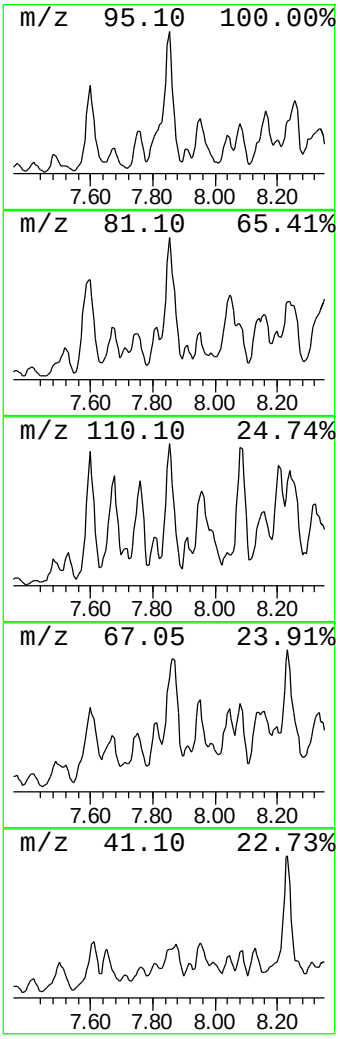
****

Peak Number 9 Furan, 2-ethyl-5-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	4.46 ng/ul	619992	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	64
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	52
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	50
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	50
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	50





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Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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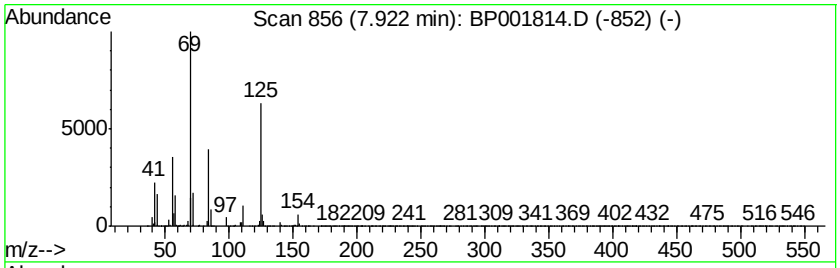
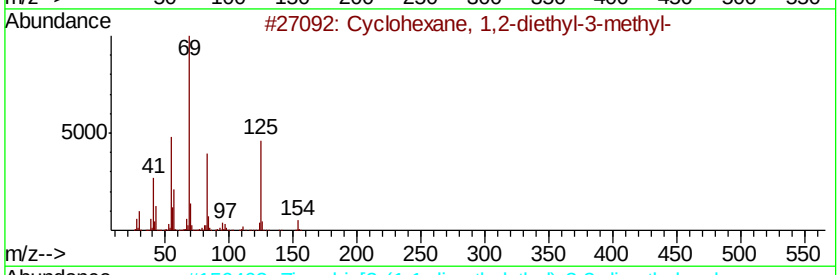
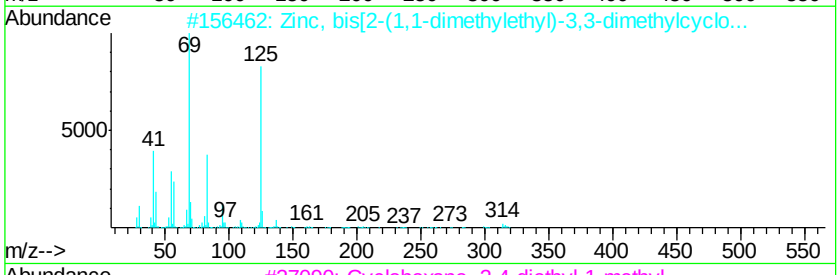
Peak Number 10 (DEL) Alkane: Cyclic7.92 Concentration Rank 50

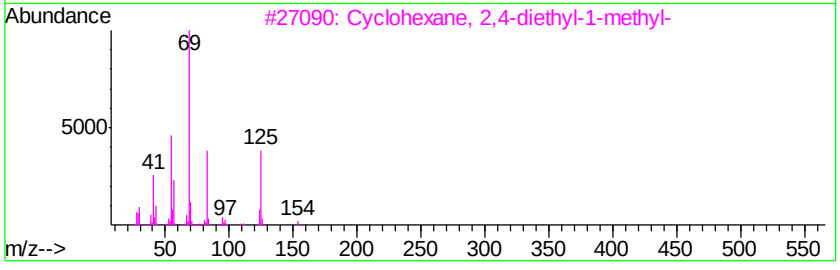
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.00 ng/ul	277924	1,4-Dichlorobenzene-d4	7.66

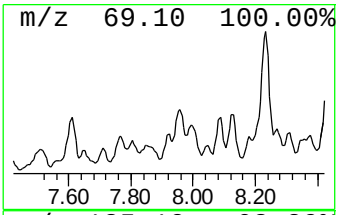
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	80
2	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
3	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	45
4	1-Dodecyn-4-ol	182	C12H22O	074646-36-9	43
5	1-Isopropyl-1,4,5-trimethylcyclo...	168	C12H24	219783-06-9	40

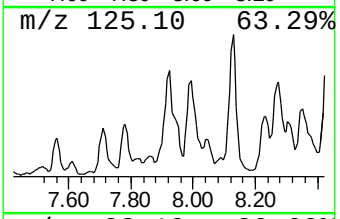


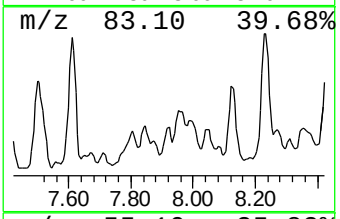


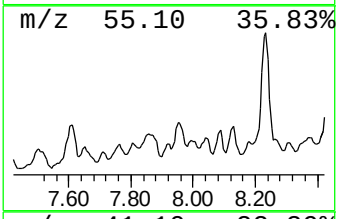


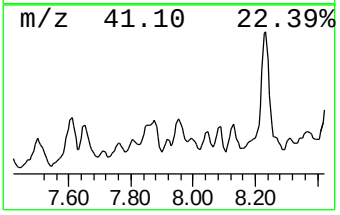












Library Search Compound Report

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Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

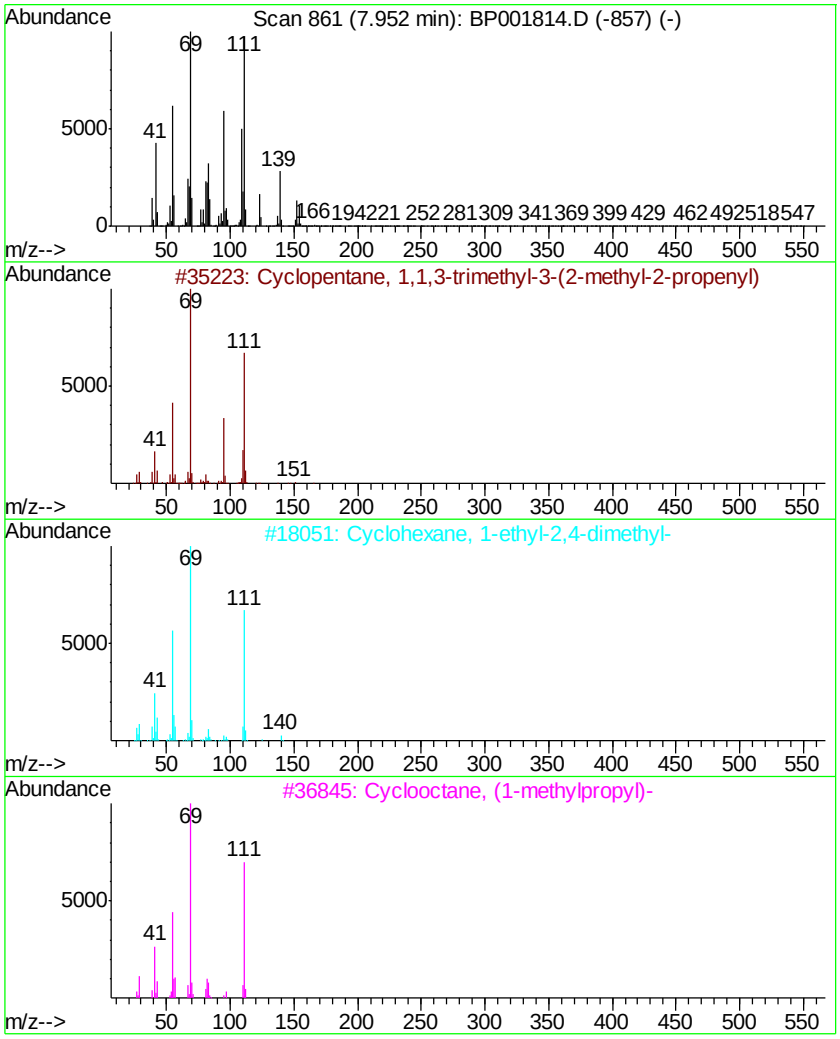
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

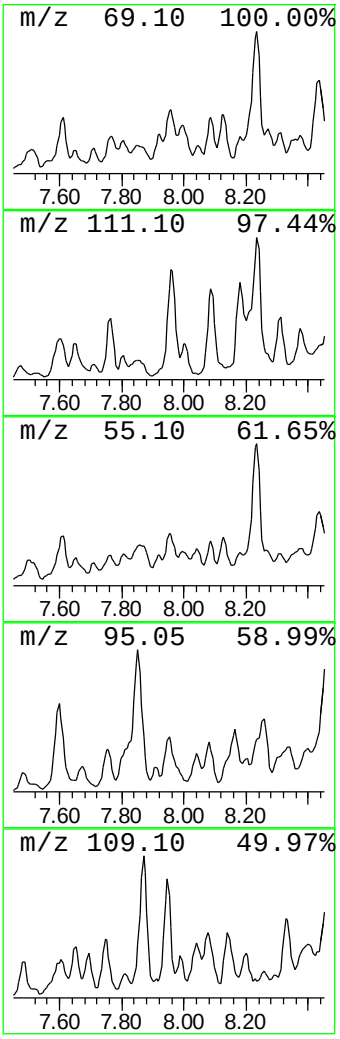
****

Peak Number 11 unknown-04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	6.46 ng/ul	897800	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	47
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	46
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	43
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	43
5	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	43





Library Search Compound Report

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Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

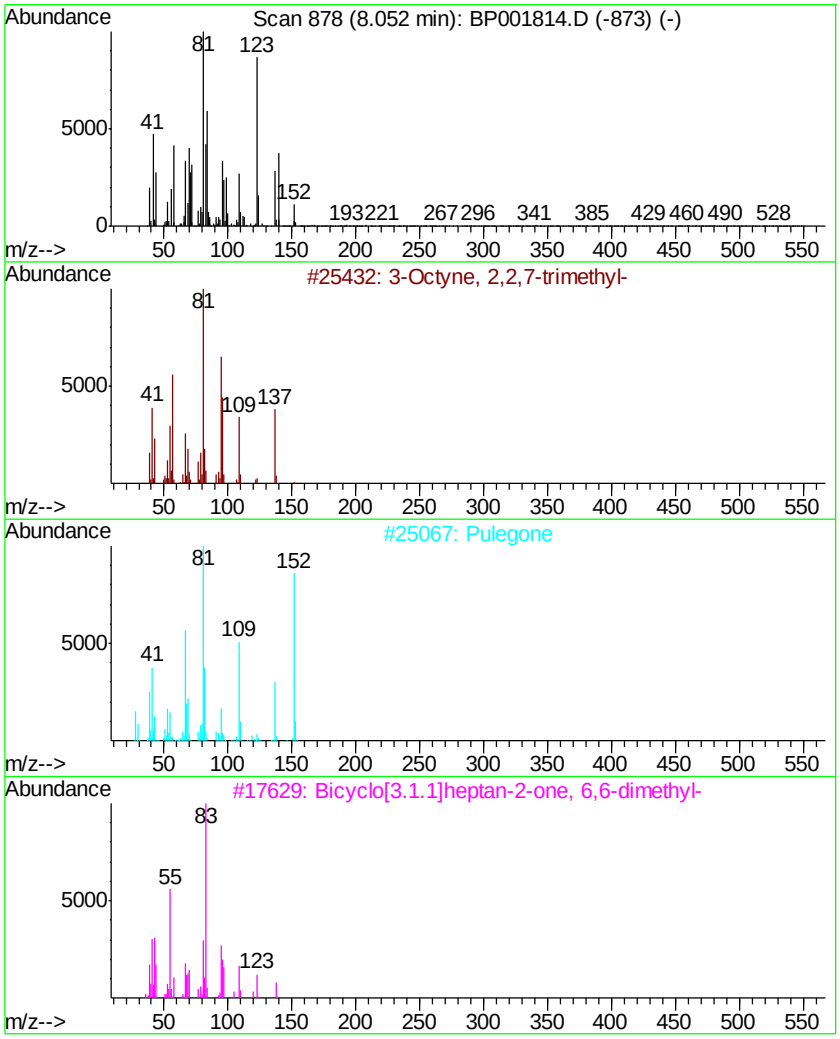
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

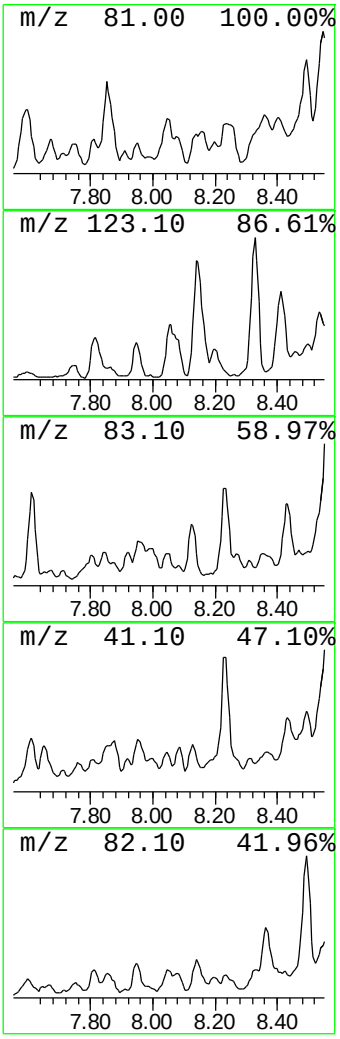
****

Peak Number 12 unknown-05 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	3.15 ng/ul	437162	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	27
2	Pulegone	152	C10H16O	000089-82-7	27
3	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	22
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	22
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	18





Library Search Compound Report

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Acq On : 20 Feb 2020 21:48
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Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

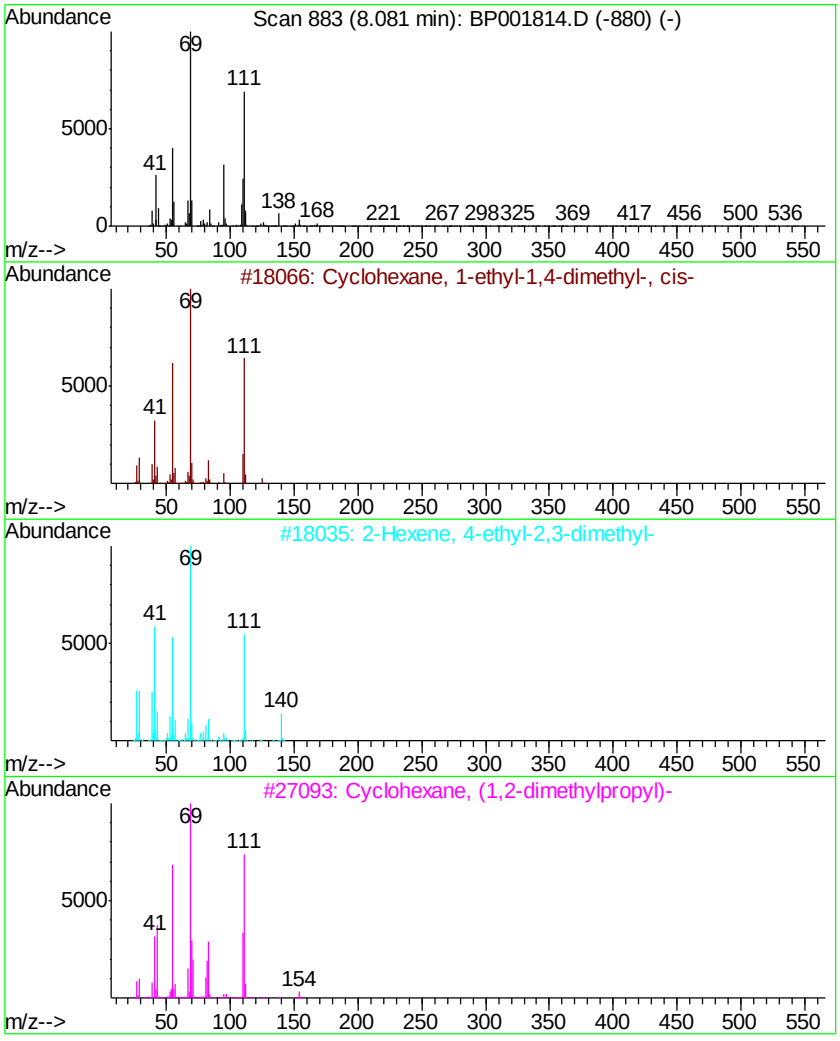
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

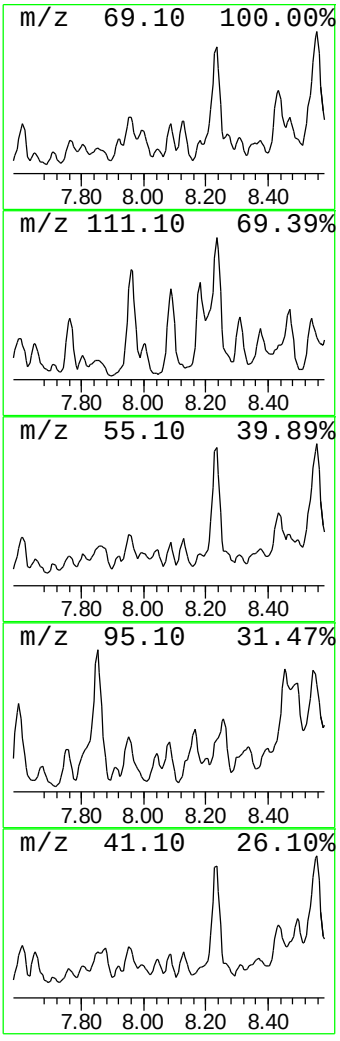
****

Peak Number 13 (DEL) Alkane: Cyclic8.08 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	4.30 ng/ul	597207	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	59
2	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	53
3	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	53
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	53
5	Cyclooctane, ethyl-	140	C10H20	013152-02-8	53





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Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

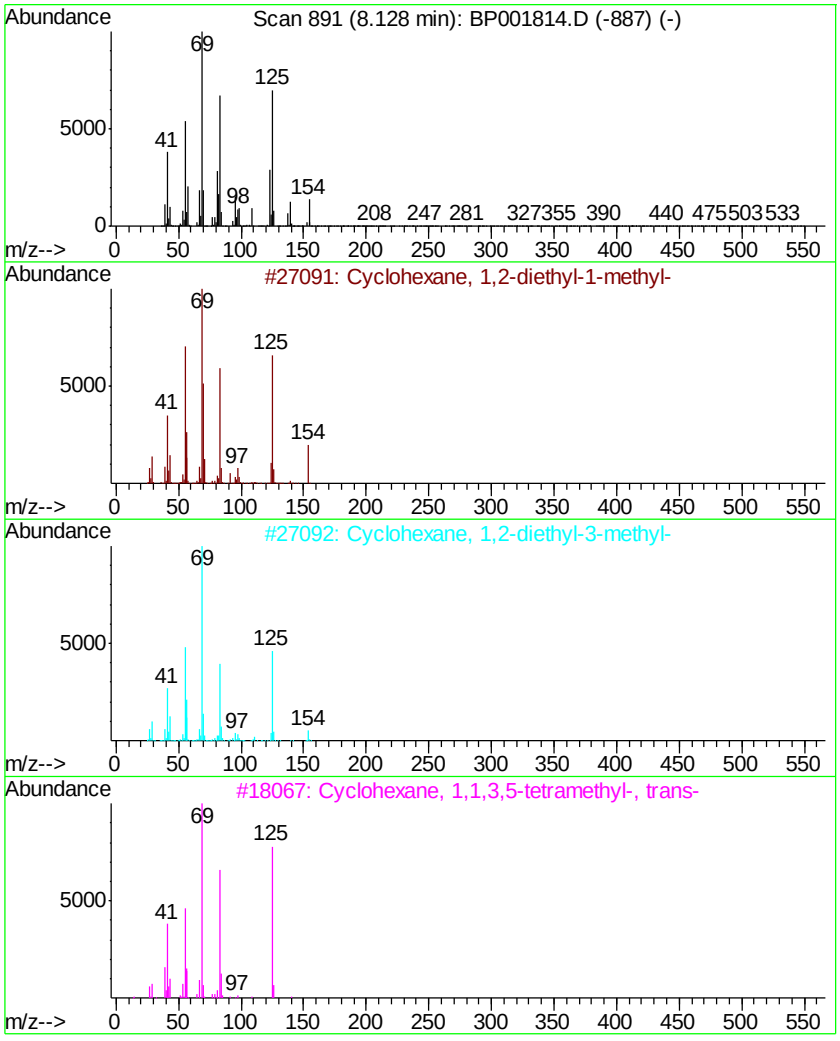
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

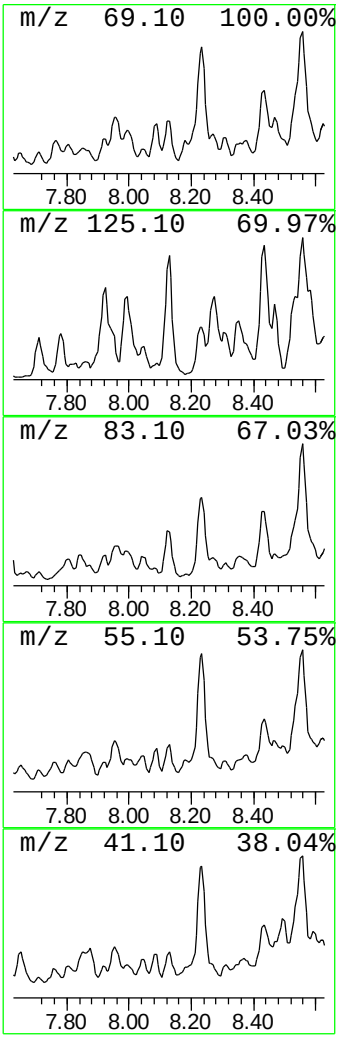
****

Peak Number 14 (DEL) Alkane: Cyclic8.13 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	6.01 ng/ul	834896	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	64
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	64
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	58
4	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	58
5	Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

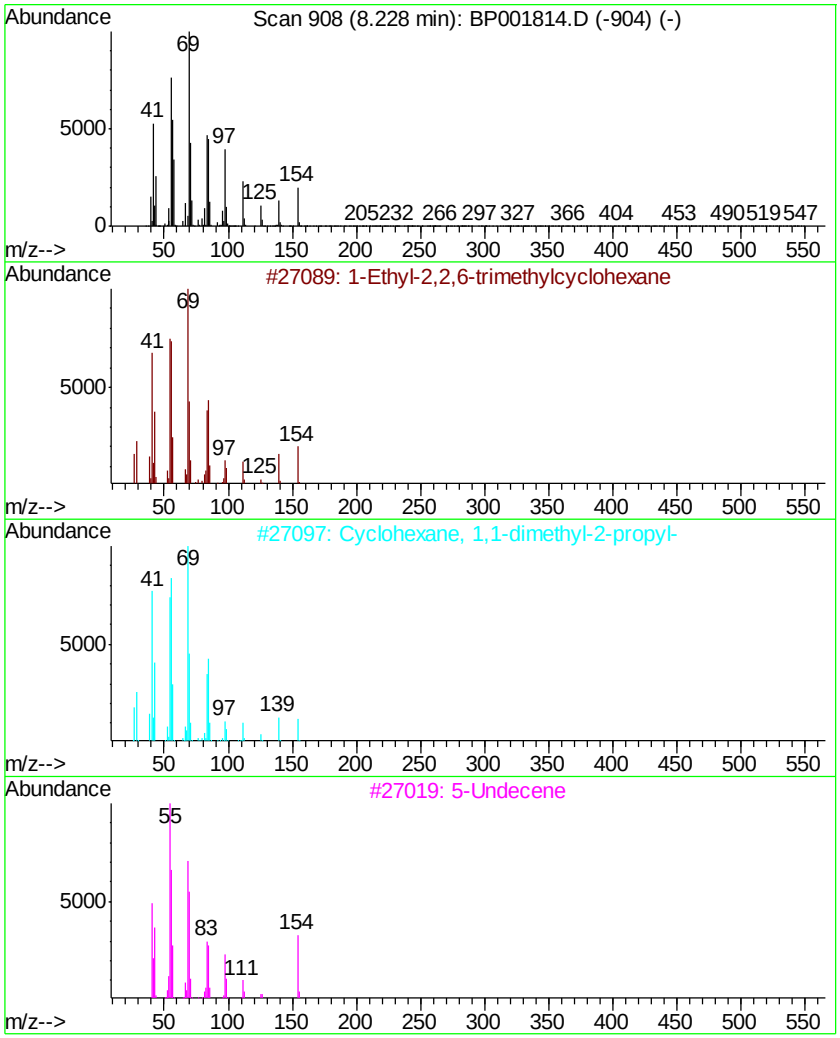
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

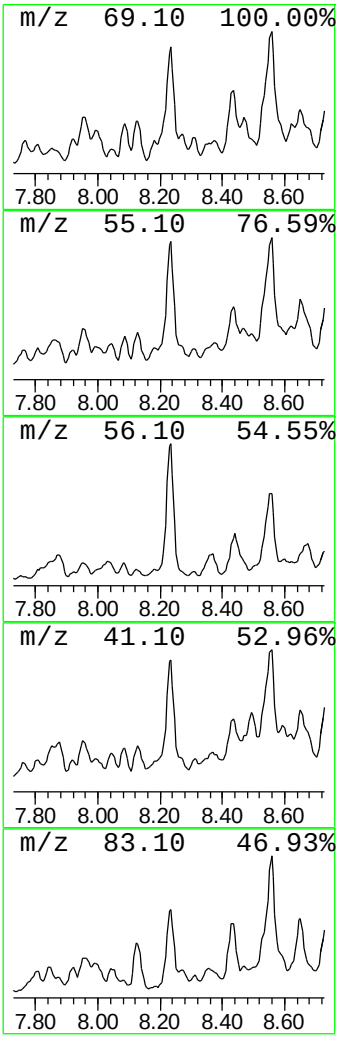
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	23.34 ng/ul	3243060	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	94
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	68
3	5-Undecene	154	C11H22	004941-53-1	64
4	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	59
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	53





Library Search Compound Report

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Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

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Quant Title : SVOA CALIBRATION

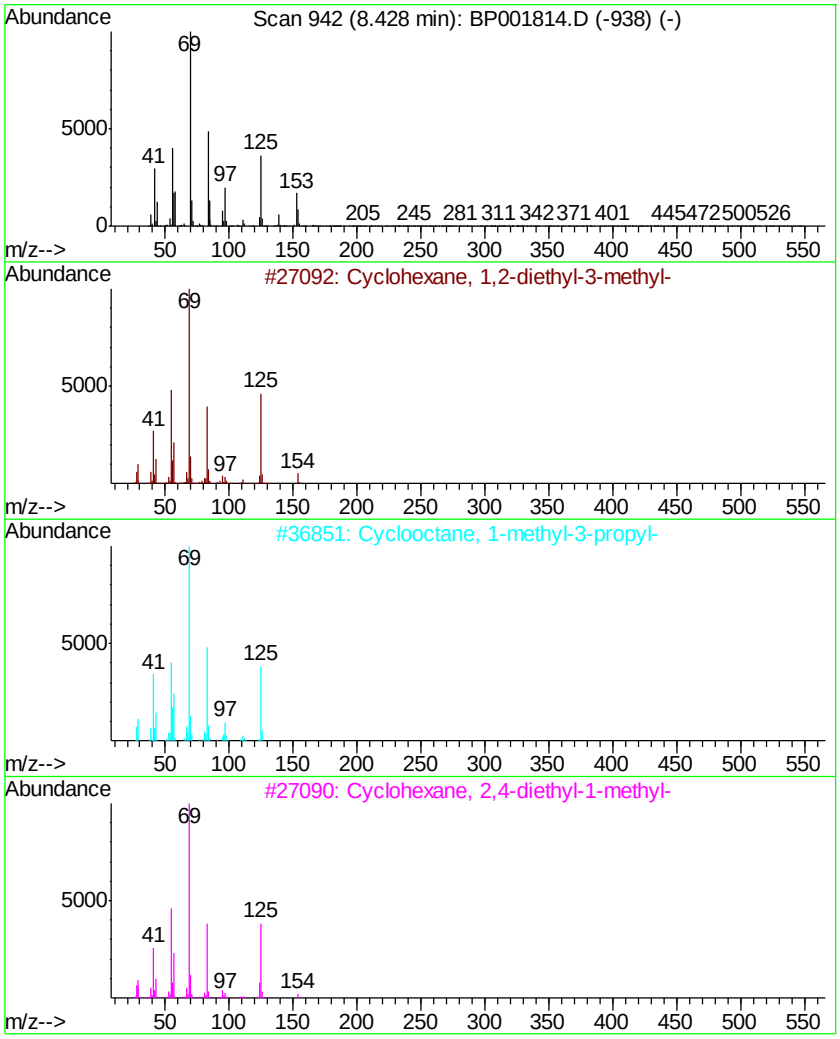
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

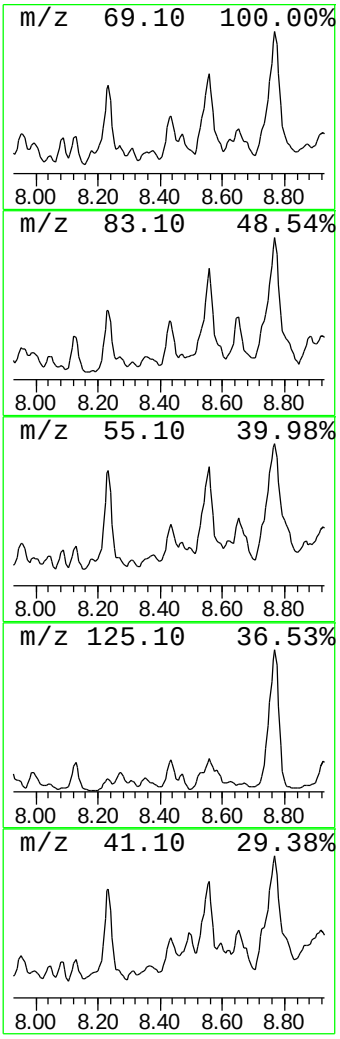
****

Peak Number 16 (DEL) Alkane: Cyclic8.43 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	8.90 ng/ul	1236260	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	64
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	59
3	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	50
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	45
5	Citronellal	154	C10H18O	000106-23-0	43





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

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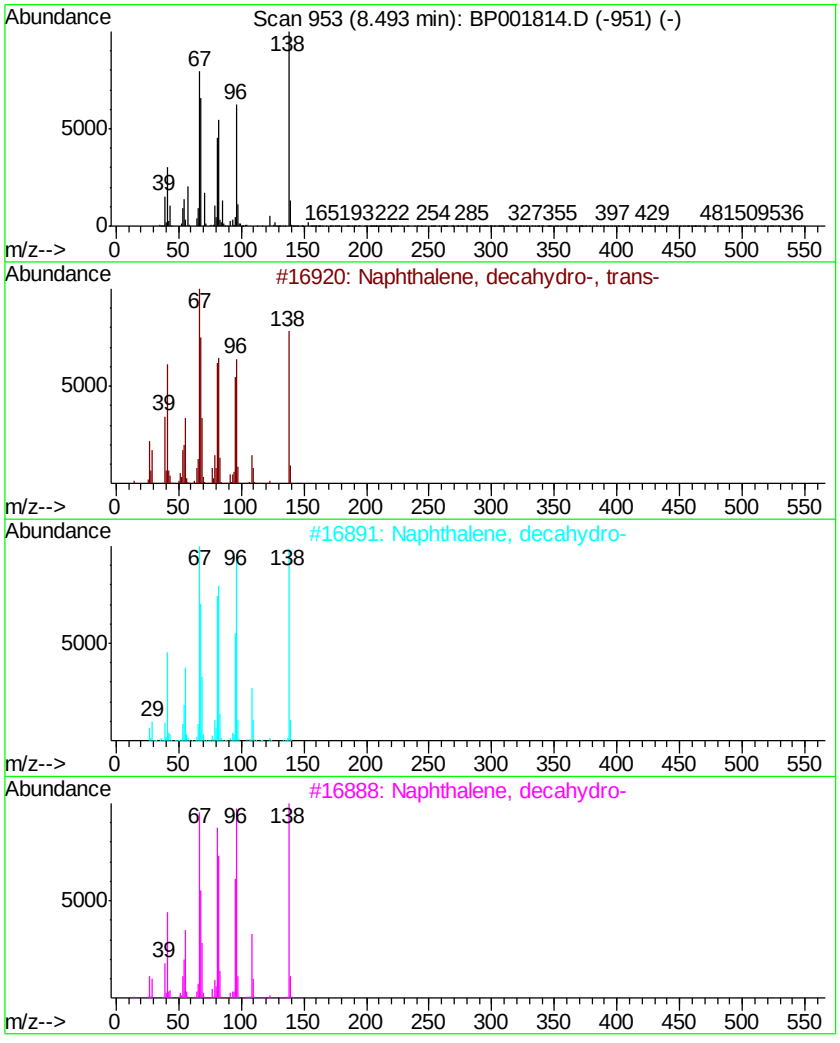
Quant Title : SVOA CALIBRATION

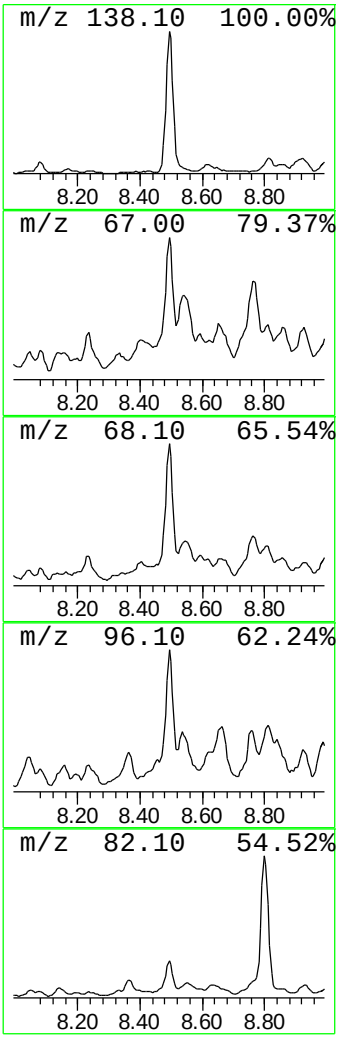
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, decahydro-, tr... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	5.09 ng/ul	707678	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	90
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	87
5	Naphthalene, decahydro-	138	C10H18	000091-17-8	87





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ClientSampleId : C5AT6

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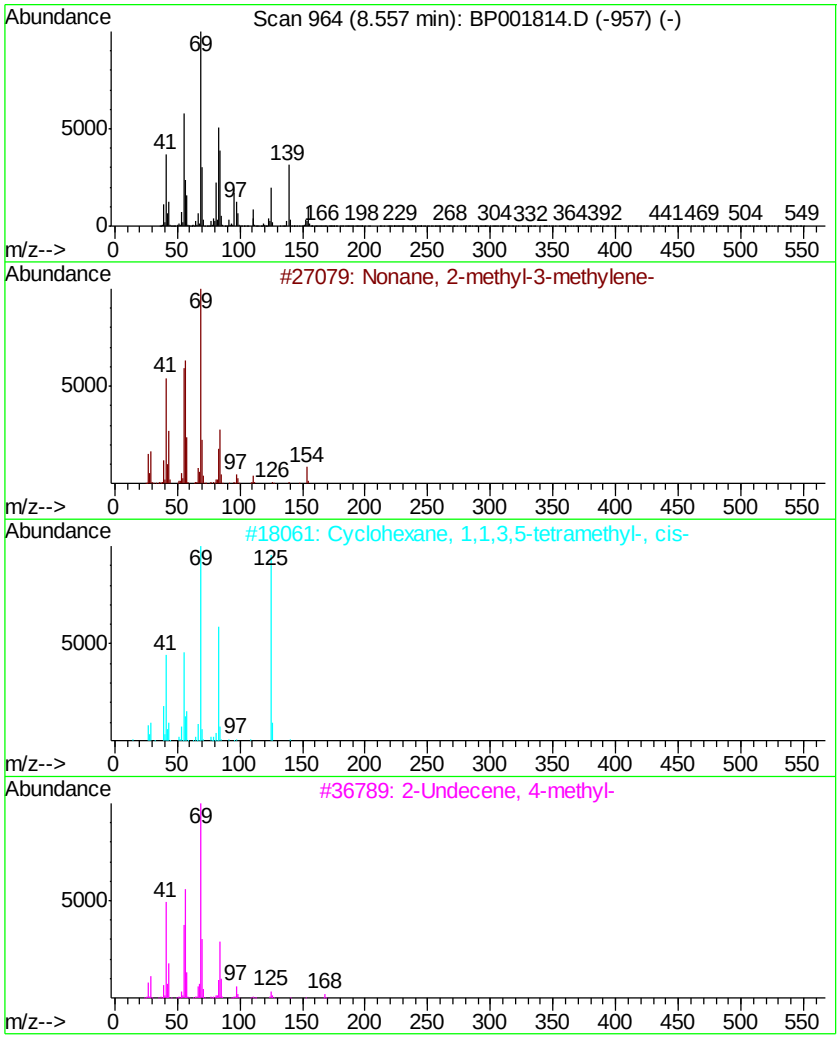
Quant Title : SVOA CALIBRATION

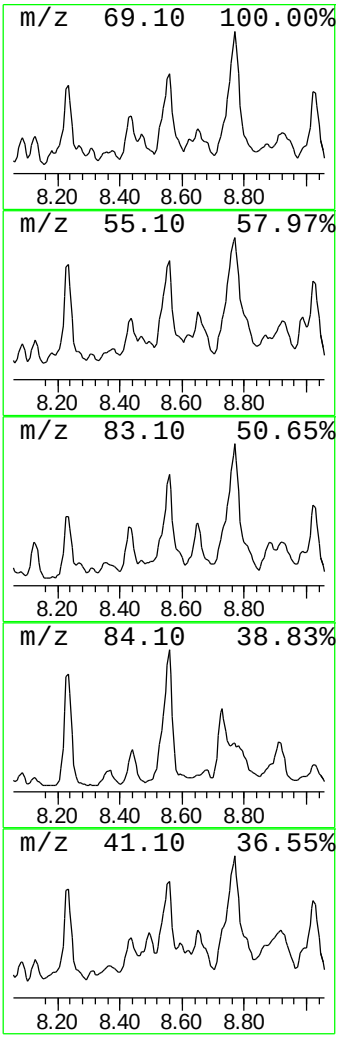
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	22.47 ng/ul	3122490	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47
3	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	47
4	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	47
5	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	43





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Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

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Quant Title : SVOA CALIBRATION

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

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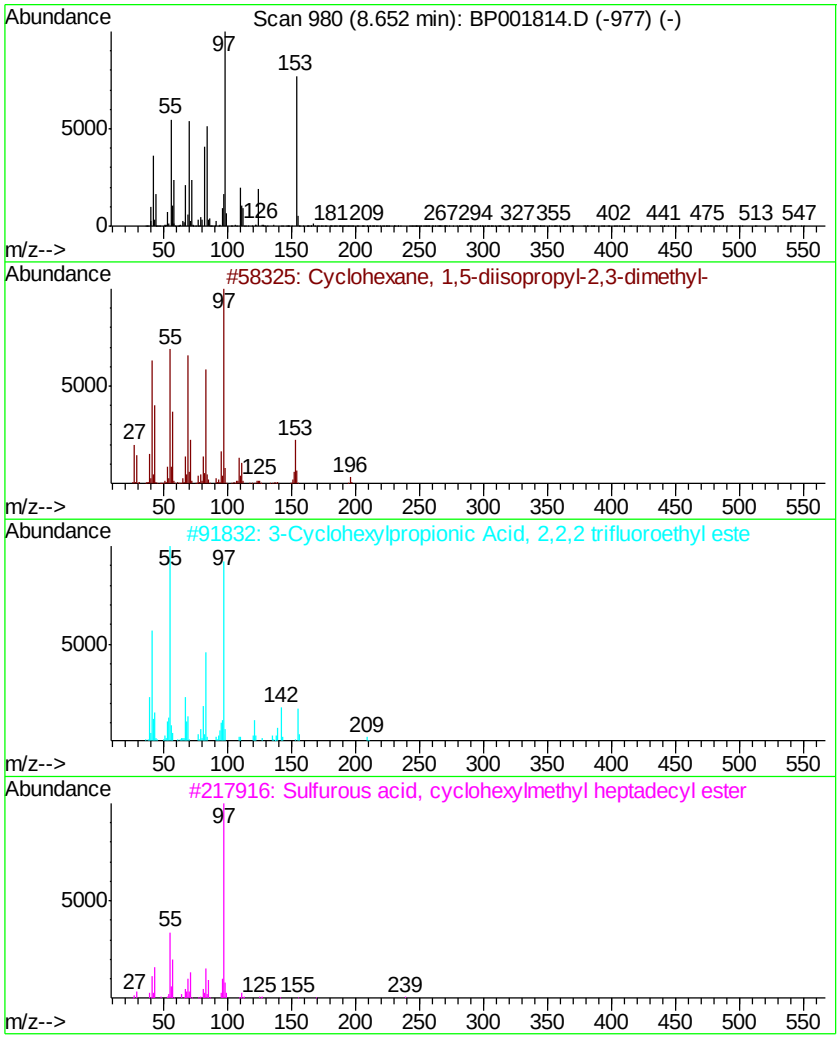
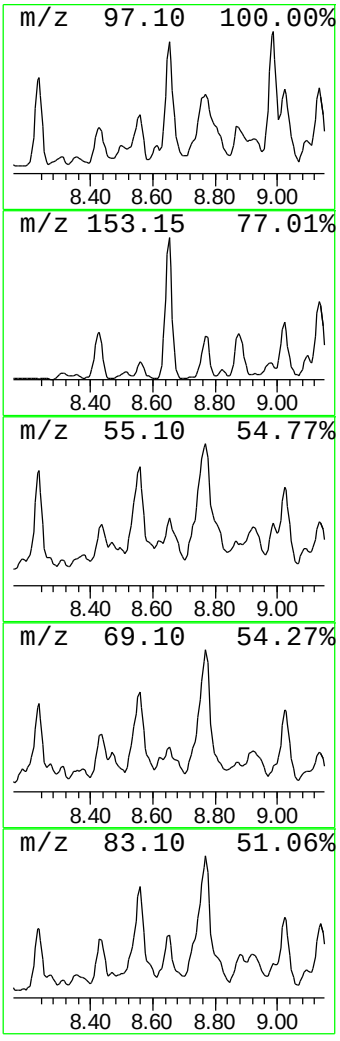
Peak Number 19 (DEL) Alkane: Cyclic8.65 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	14.77 ng/ul	2052340	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	38
2	3-Cyclohexylpropionic Acid, 2,2,...	238	C11H17F3O2	1000376-54-1	38
3	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	35
4	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	27
5	Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	25





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Quant Title : SVOA CALIBRATION

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

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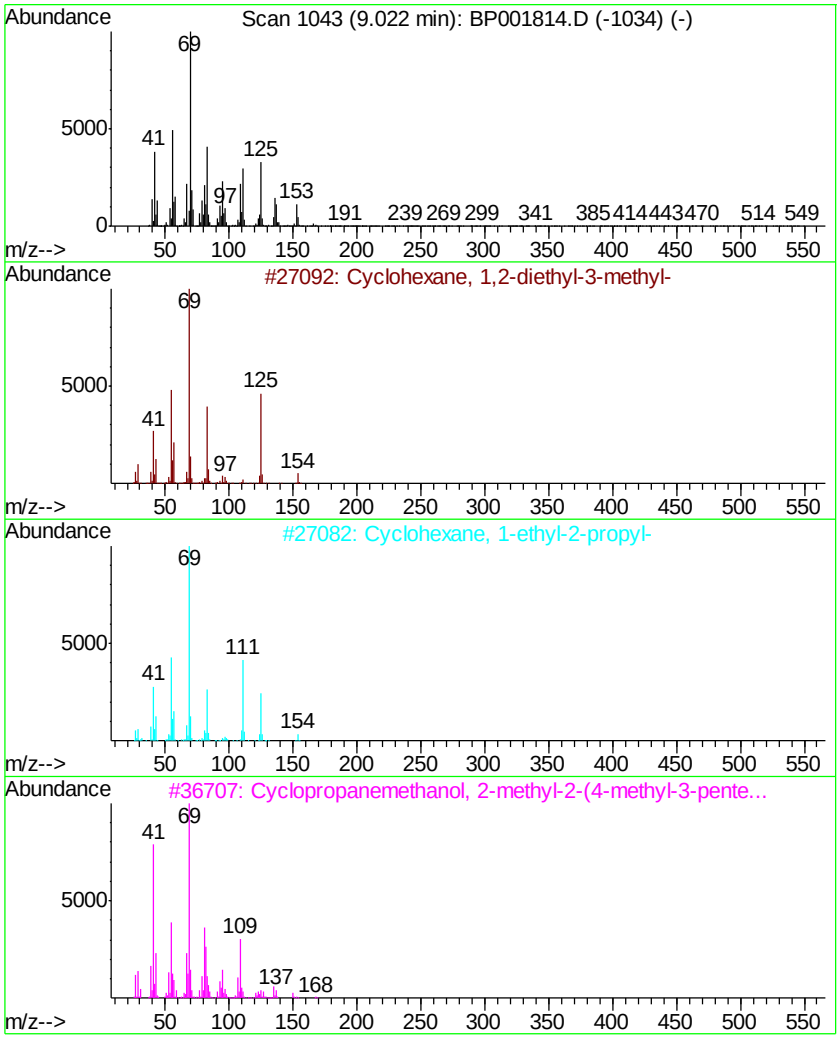
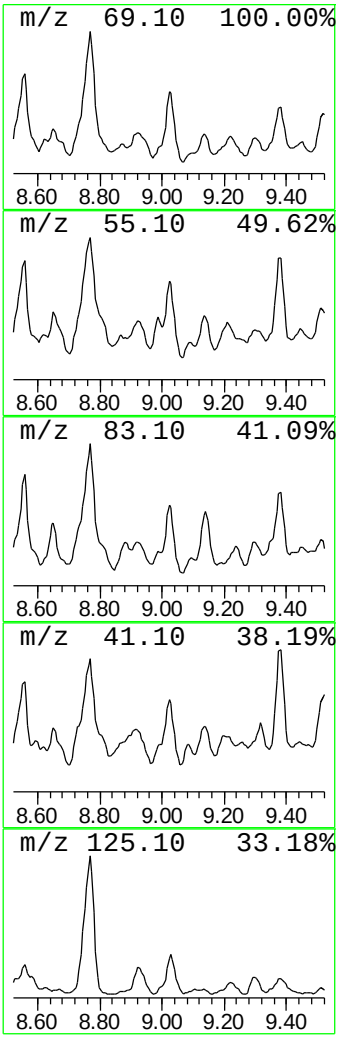
Peak Number 20 (DEL) Alkane: Cyclic9.02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	27.68 ng/ul	3845700	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	55
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	53
3	Cyclopropanemethanol, 2-methyl-2...	168	C11H20O	098678-70-7	43
4	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	43
5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38





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ClientSampleId : C5AT6

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Quant Title : SVOA CALIBRATION

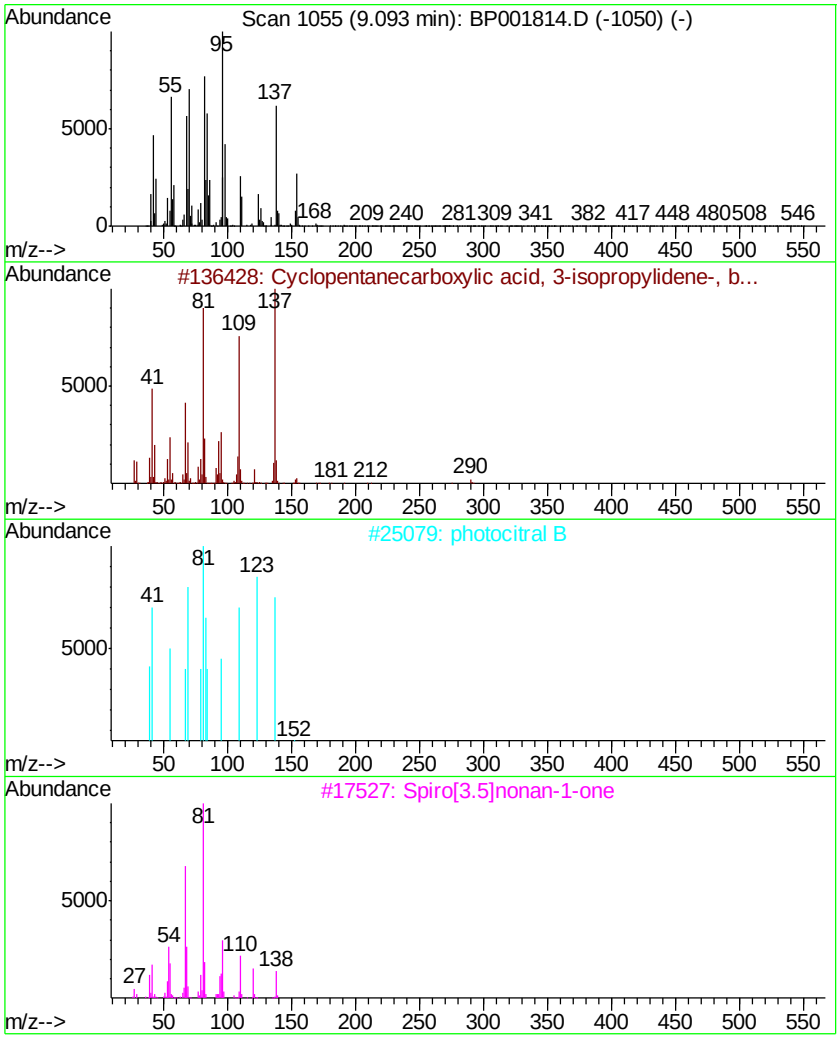
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

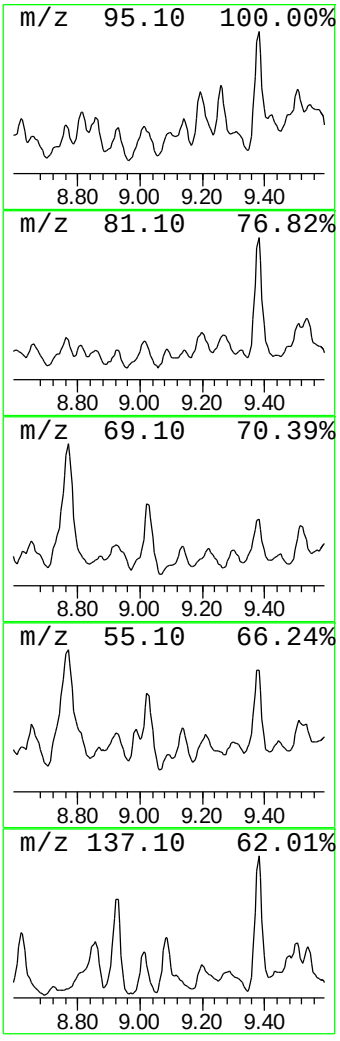
****

Peak Number 21 Cyclopentanecarboxylic acid... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.47 ng/ul	878149	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 3-i...	290	C19H30O2	1000151-83-4	50
2	photocitral B	152	C10H16O	006040-45-5	43
3	Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	35
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	30
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	25





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Sample : L1418-05
Misc :
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ClientSampleId : C5AT6

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Quant Title : SVOA CALIBRATION

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

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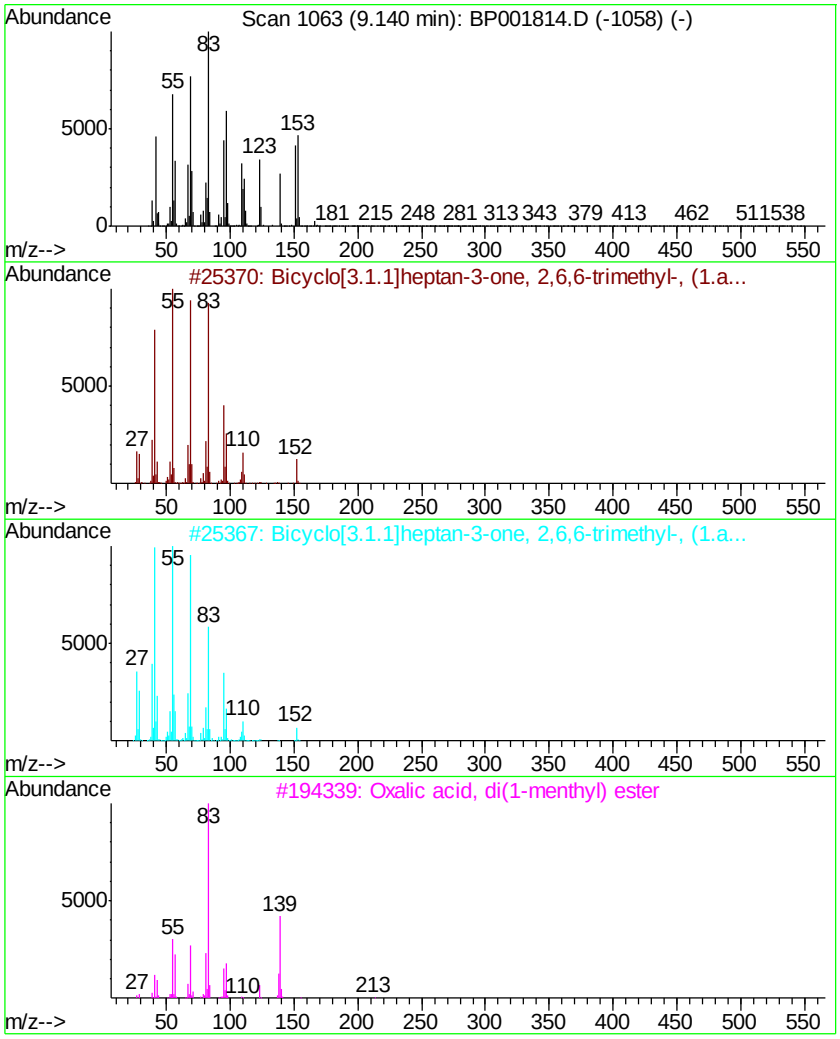
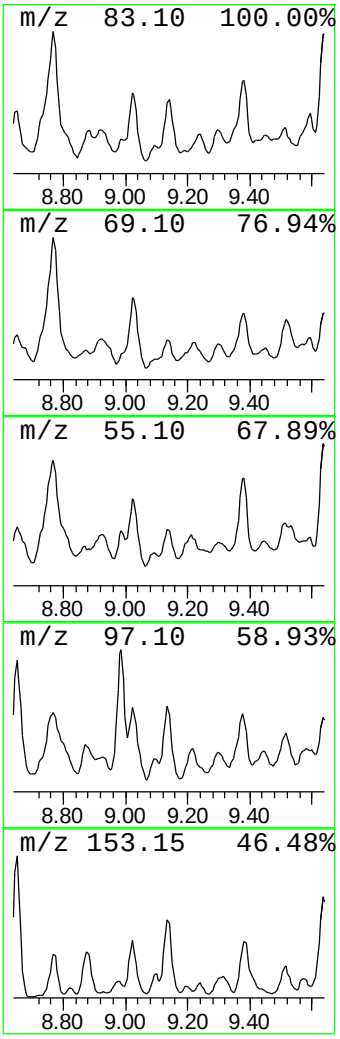
Peak Number 22 unknown-06 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	3.72 ng/ul	1322150	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	47
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38
3	Oxalic acid, di(1-menthyl) ester	366	C22H38O4	1000314-98-6	14
4	Oxalic acid, 1-menthyl pentyl ester	298	C17H30O4	1000314-97-3	14
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	14





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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

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

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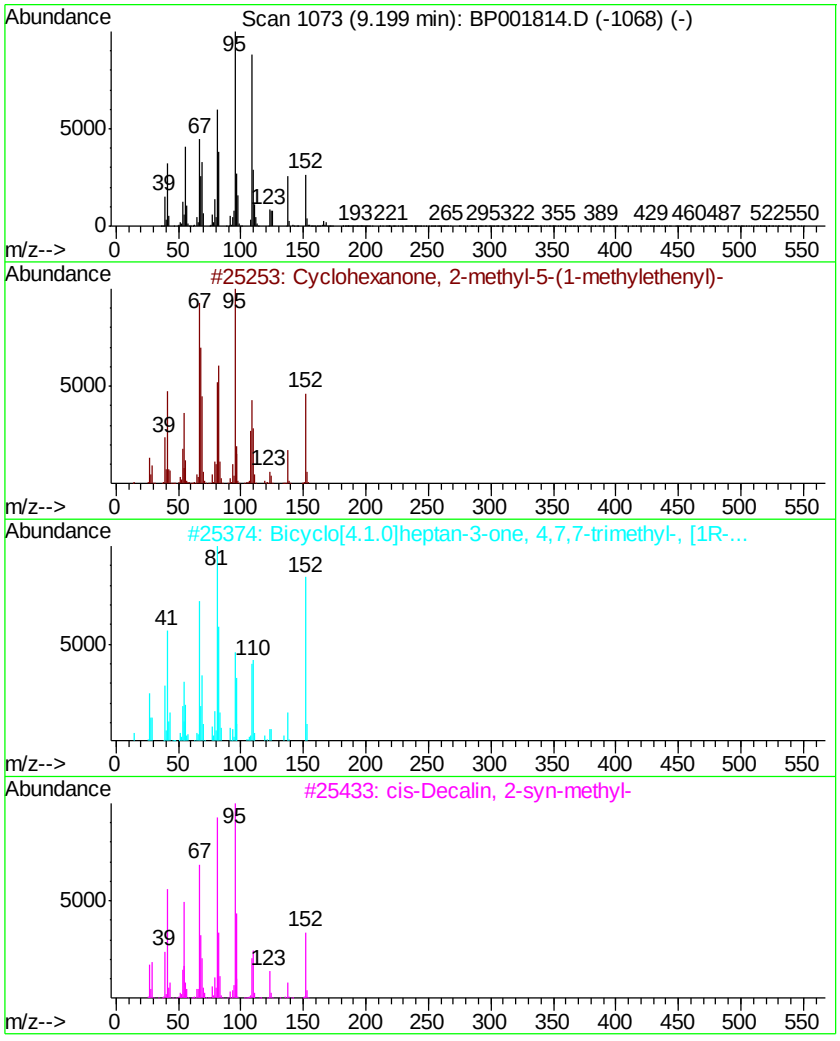
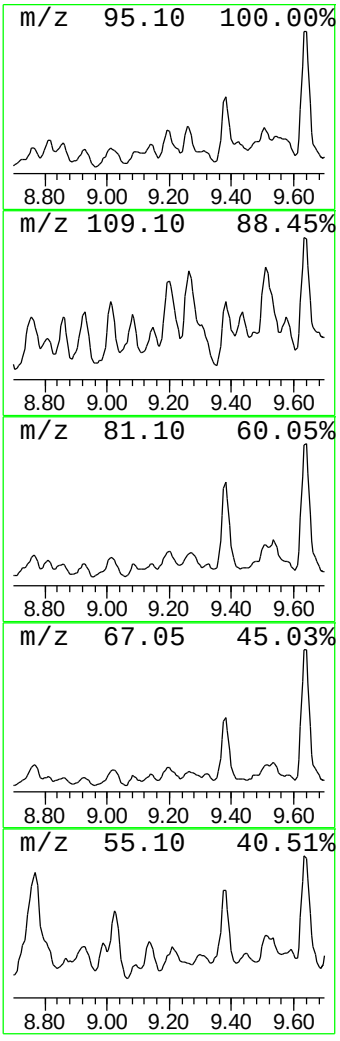
Peak Number 23 Cyclohexanone, 2-methyl-5-(... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	4.71 ng/ul	1671190	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	58
2	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	50
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	45
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	43
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	43





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Quant Title : SVOA CALIBRATION

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

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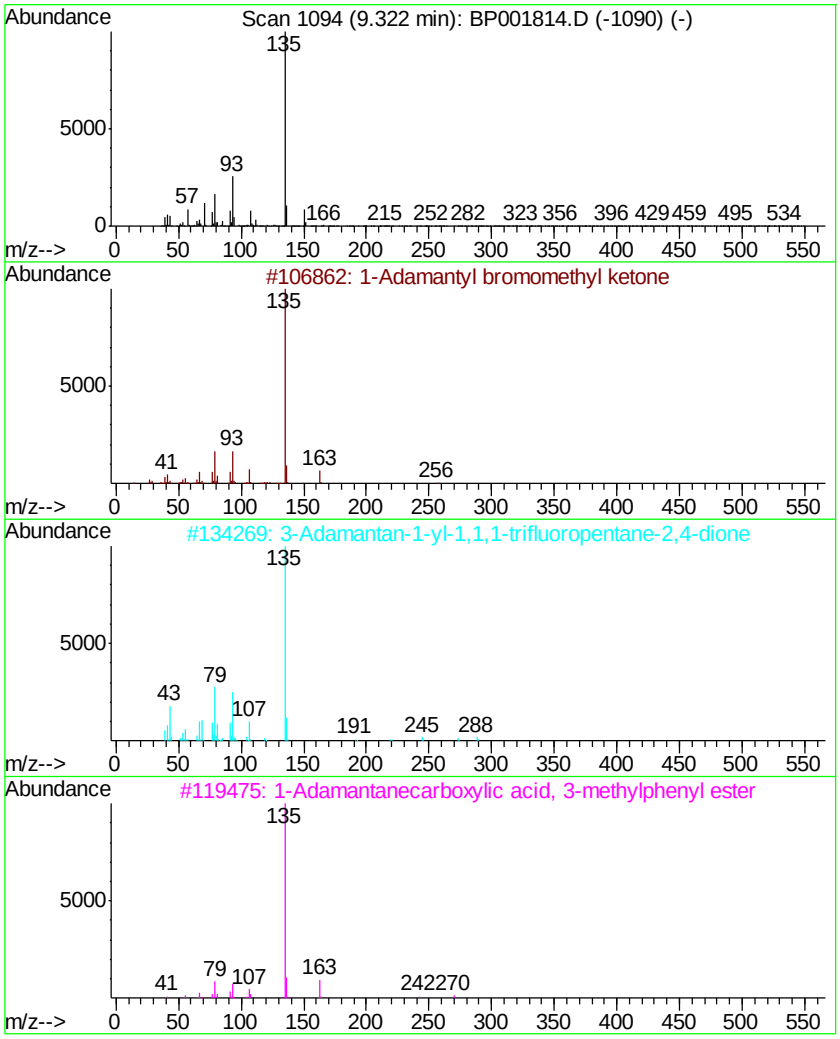
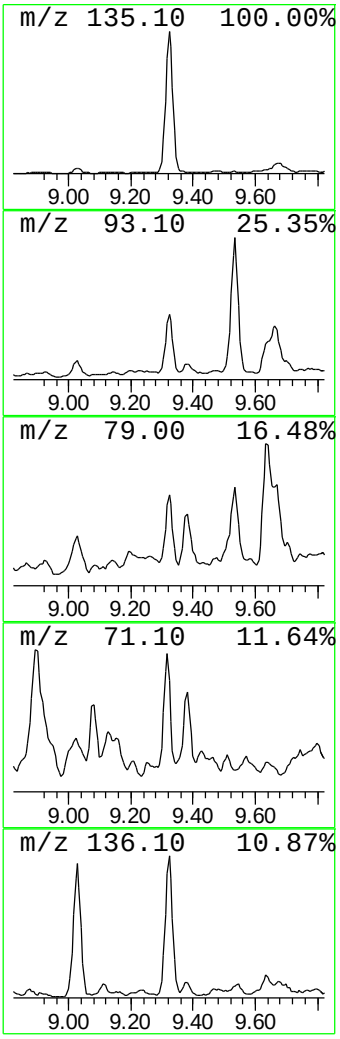
Peak Number 24 1-Adamantyl bromomethyl ketone Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	4.10 ng/ul	1456920	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantyl bromomethyl ketone	256	C12H17BrO	005122-82-7	81
2	3-Adamantan-1-yl-1,1,1-trifluoro...	288	C15H19F3O2	1000311-44-8	64
3	1-Adamantanecarboxylic acid, 3-m...	270	C18H22O2	1000307-65-9	64
4	1-Adamantaneethanol	180	C12H20O	006240-11-5	59
5	Benzenesulfonamide, N-adamantan-...	384	C17H21ClN2O4S	1000303-35-0	59





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Quant Title : SVOA CALIBRATION

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

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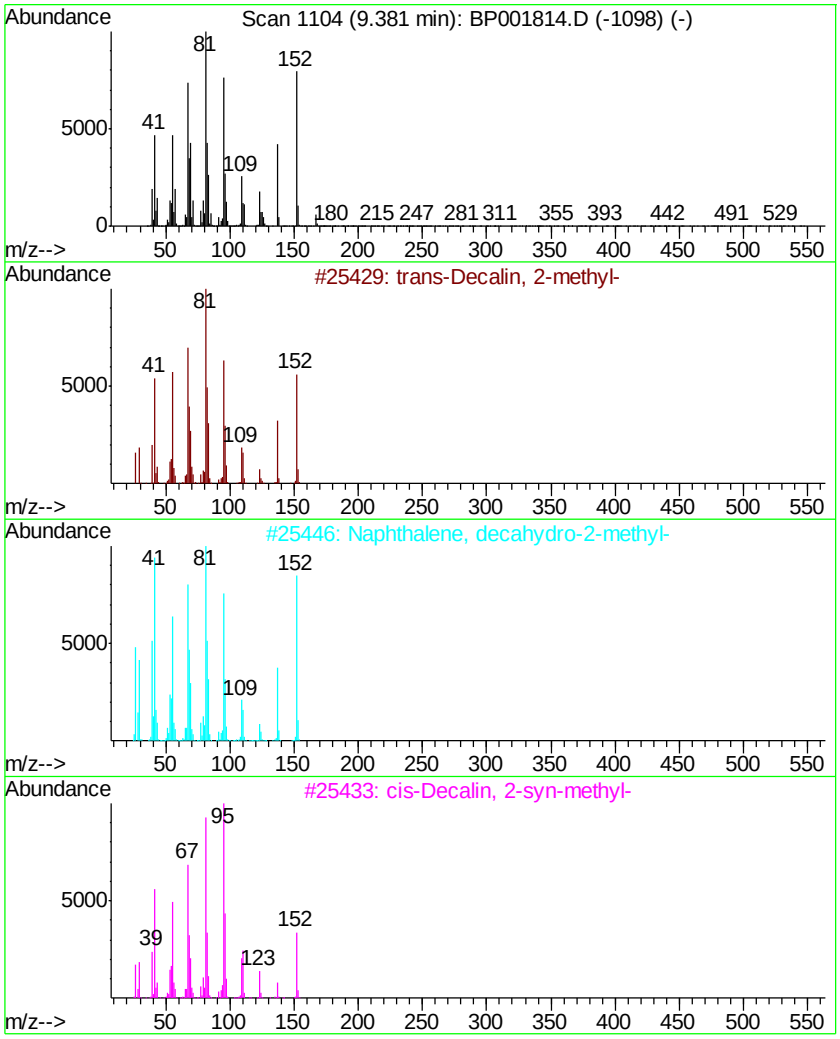
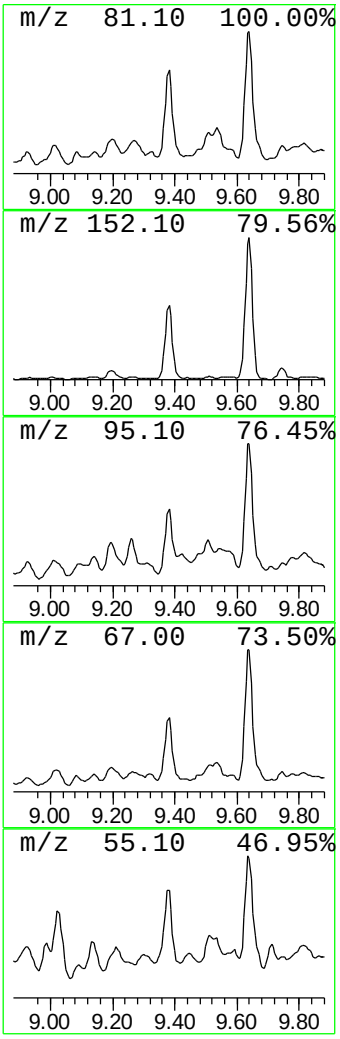
Peak Number 25 trans-Decalin, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	13.26 ng/ul	4710510	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	70





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Quant Title : SVOA CALIBRATION

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

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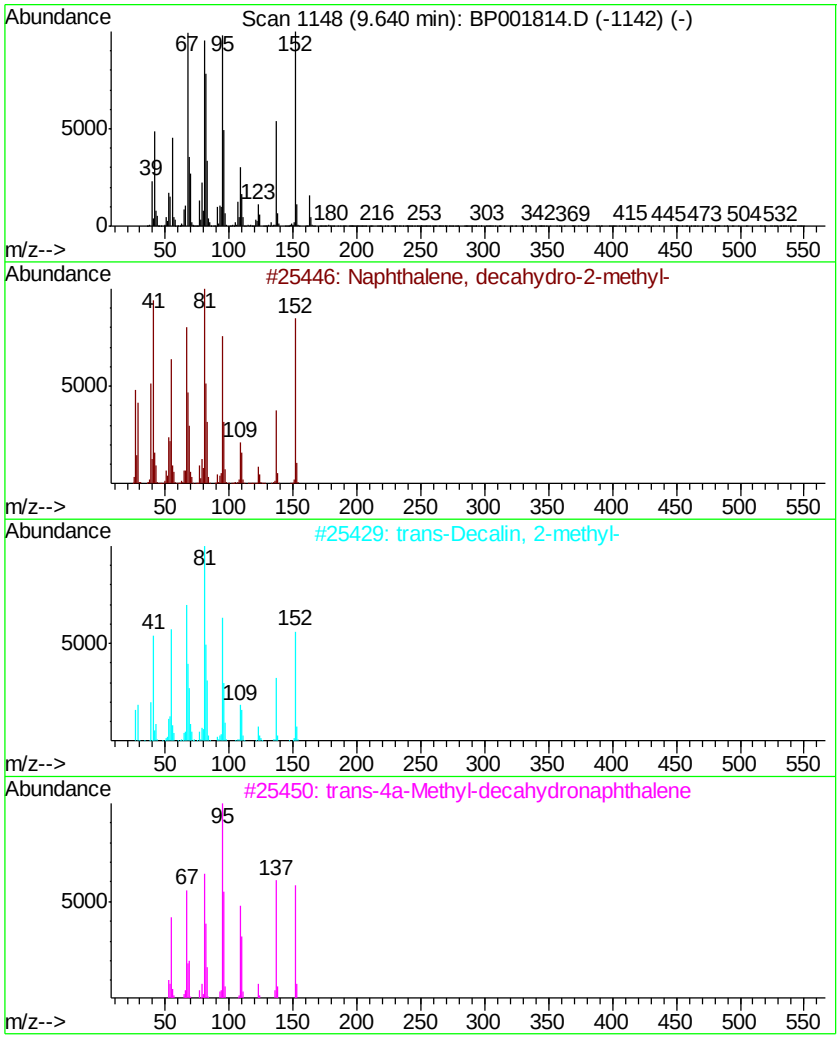
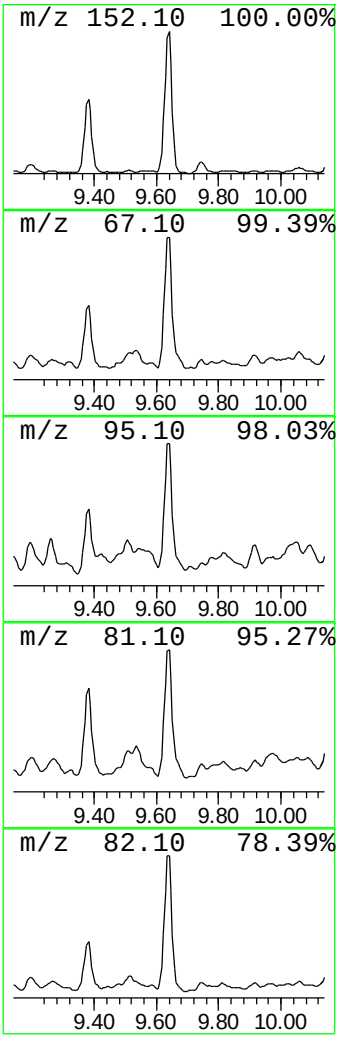
Peak Number 26 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	31.65 ng/ul	11239600	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	89
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62
5	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	62





Library Search Compound Report

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Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

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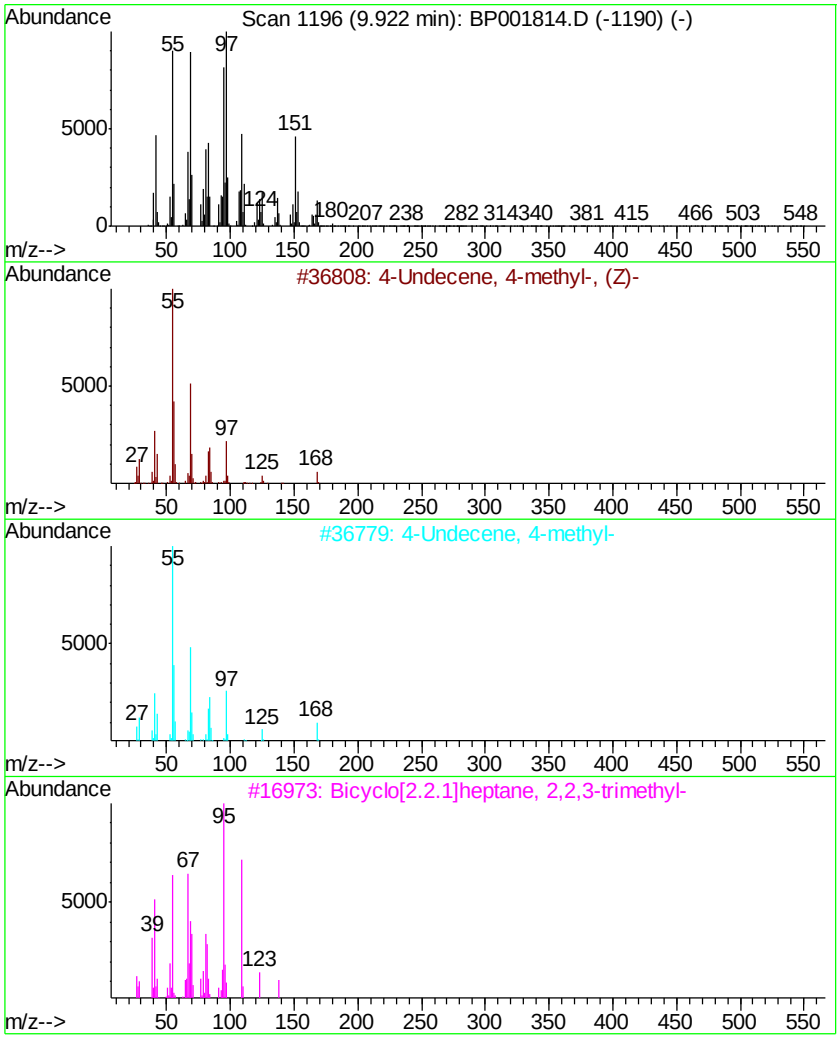
Quant Title : SVOA CALIBRATION

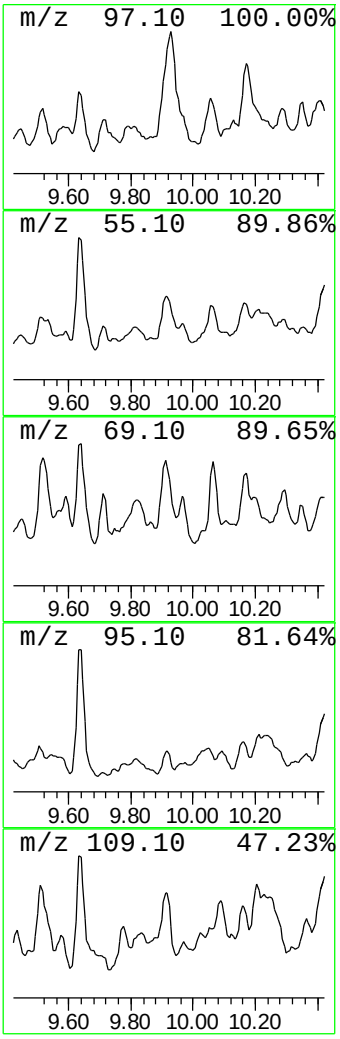
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	5.43 ng/ul	1927610	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	43
2	4-Undecene, 4-methyl-	168	C12H24	061142-40-3	38
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	35
4	Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	30
5	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	25





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Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

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Quant Title : SVOA CALIBRATION

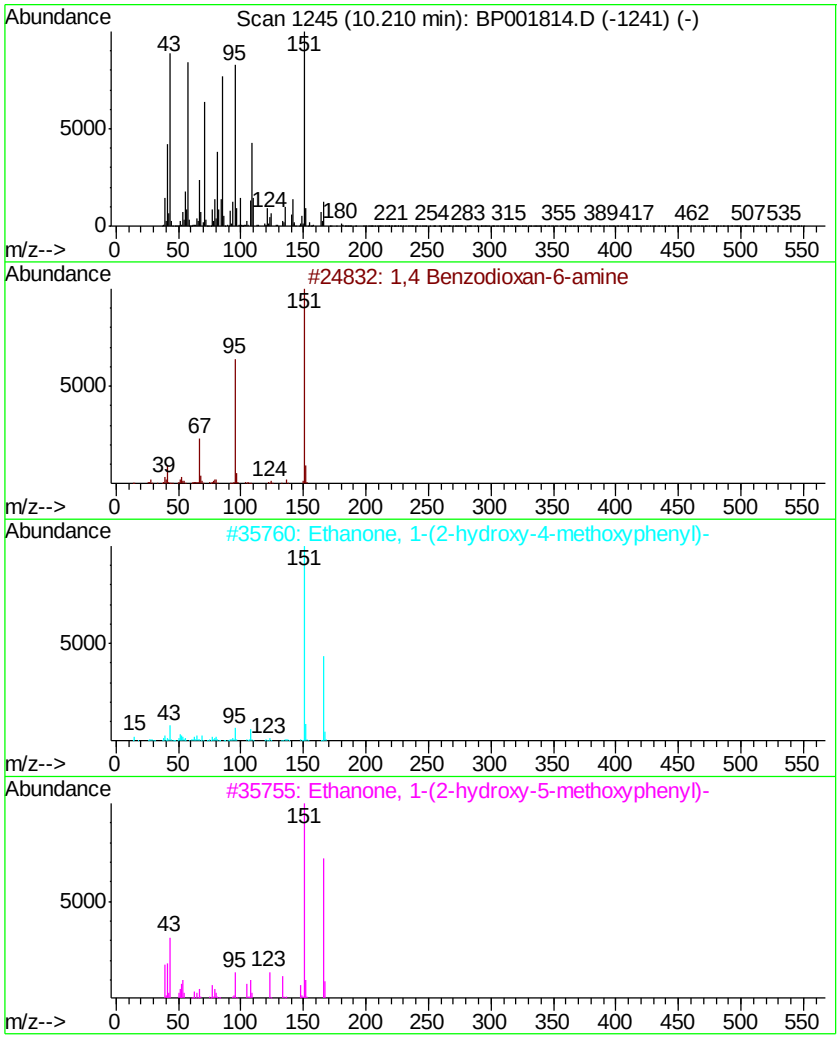
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

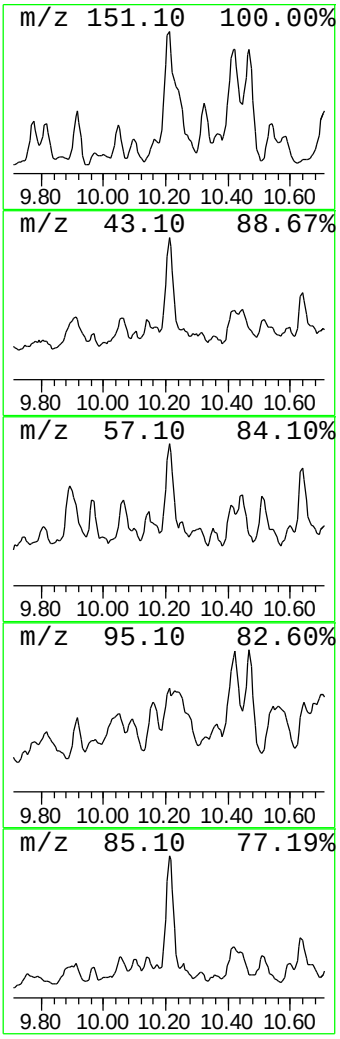
****

Peak Number 29 unknown-07 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	4.94 ng/ul	1753210	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	38
2	Ethanone, 1-(2-hydroxy-4-methoxy...	166	C9H10O3	000552-41-0	14
3	Ethanone, 1-(2-hydroxy-5-methoxy...	166	C9H10O3	000705-15-7	14
4	Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	11
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	11





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Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

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Quant Title : SVOA CALIBRATION

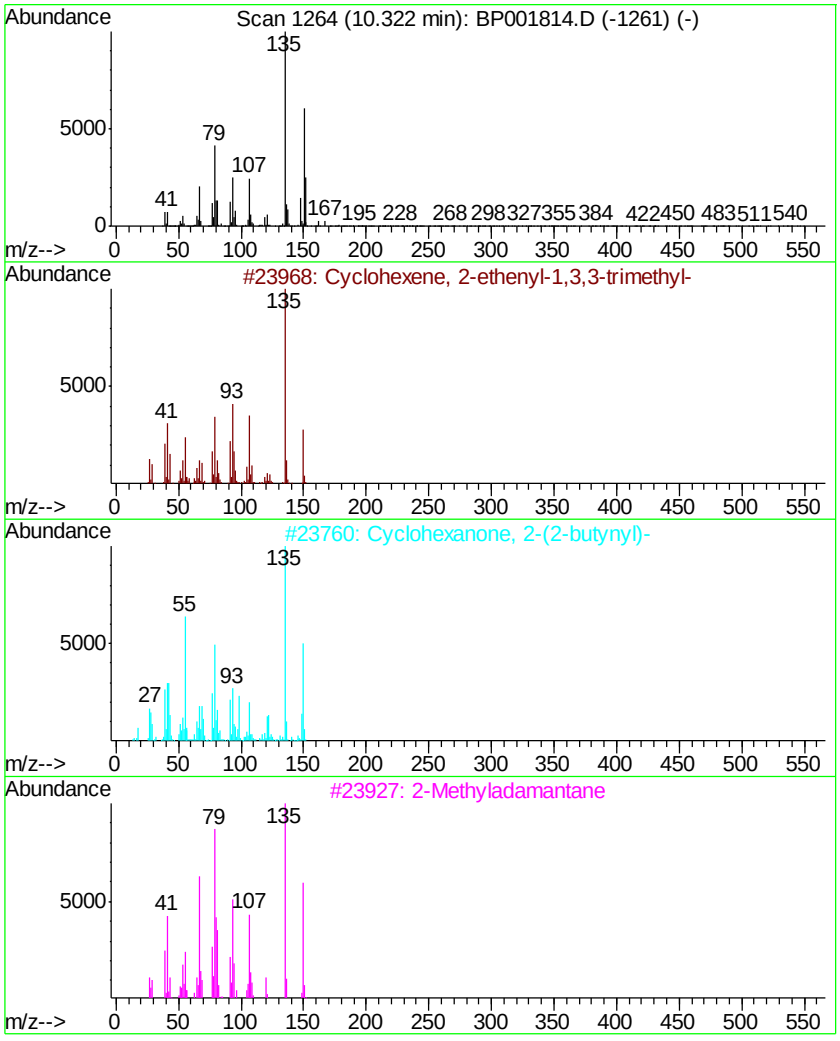
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

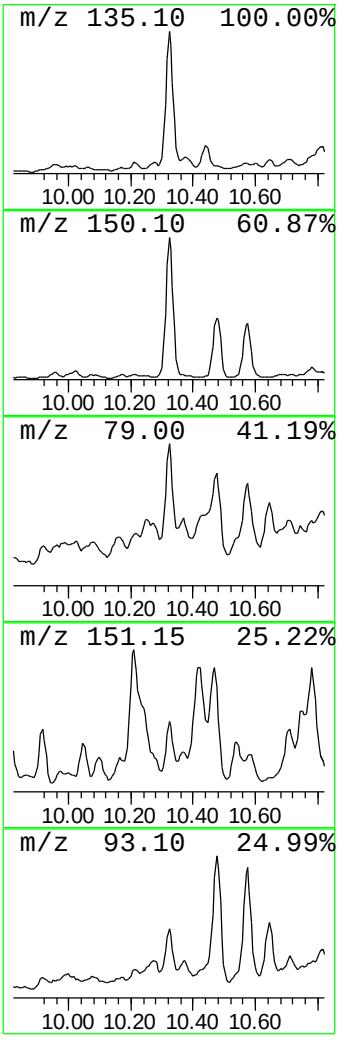
****

Peak Number 30 Cyclohexene, 2-ethenyl-1,3,... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	3.19 ng/ul	1133540	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	74
2	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	74
3	2-Methyladamantane	150	C11H18	000700-56-1	72
4	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	64
5	1-Adamantan-1-yl-6-chloro-7-fluo...	389	C21H21ClFNO3	1000210-85-2	64





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Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

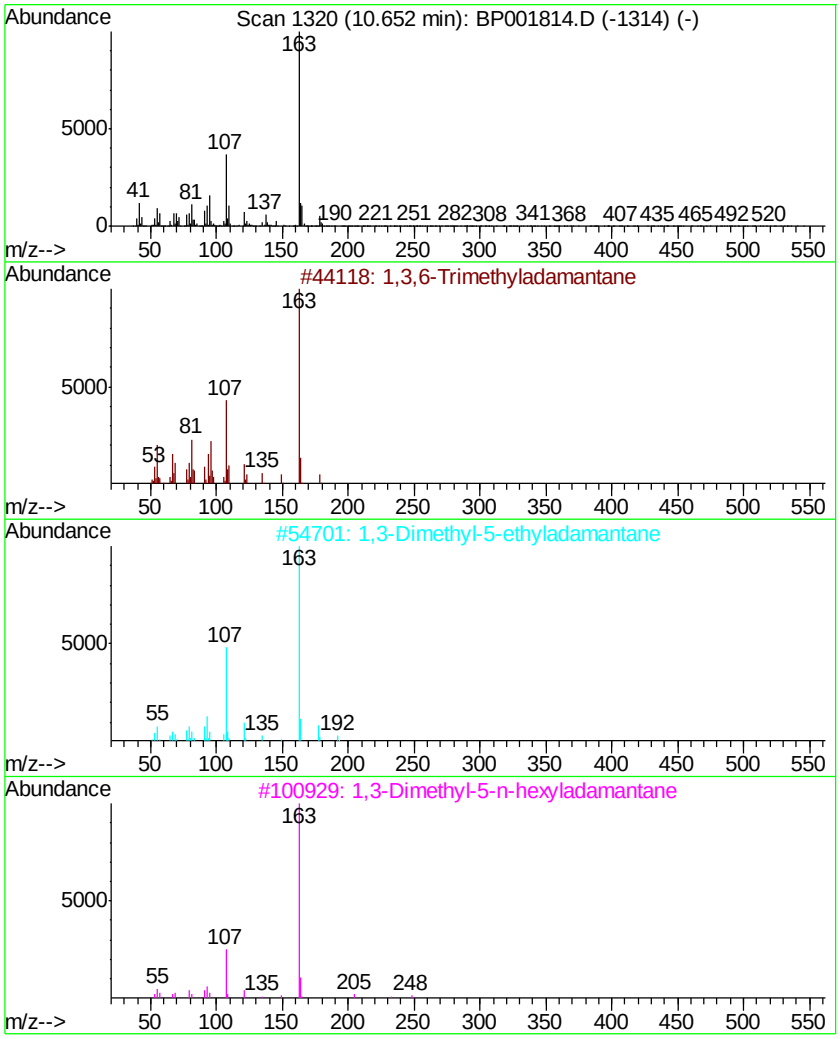
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

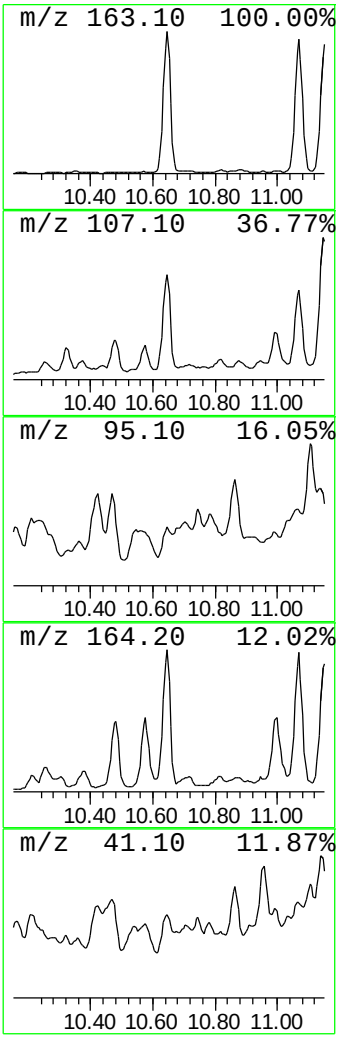
****

Peak Number 31 1,3,6-Trimethyladamantane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	11.15 ng/ul	3957750	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	72
2	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	72
3	1,3-Dimethyl-5-n-hexyladamantane	248	C18H32	052873-50-4	64
4	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	60
5	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	50





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Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

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Quant Title : SVOA CALIBRATION

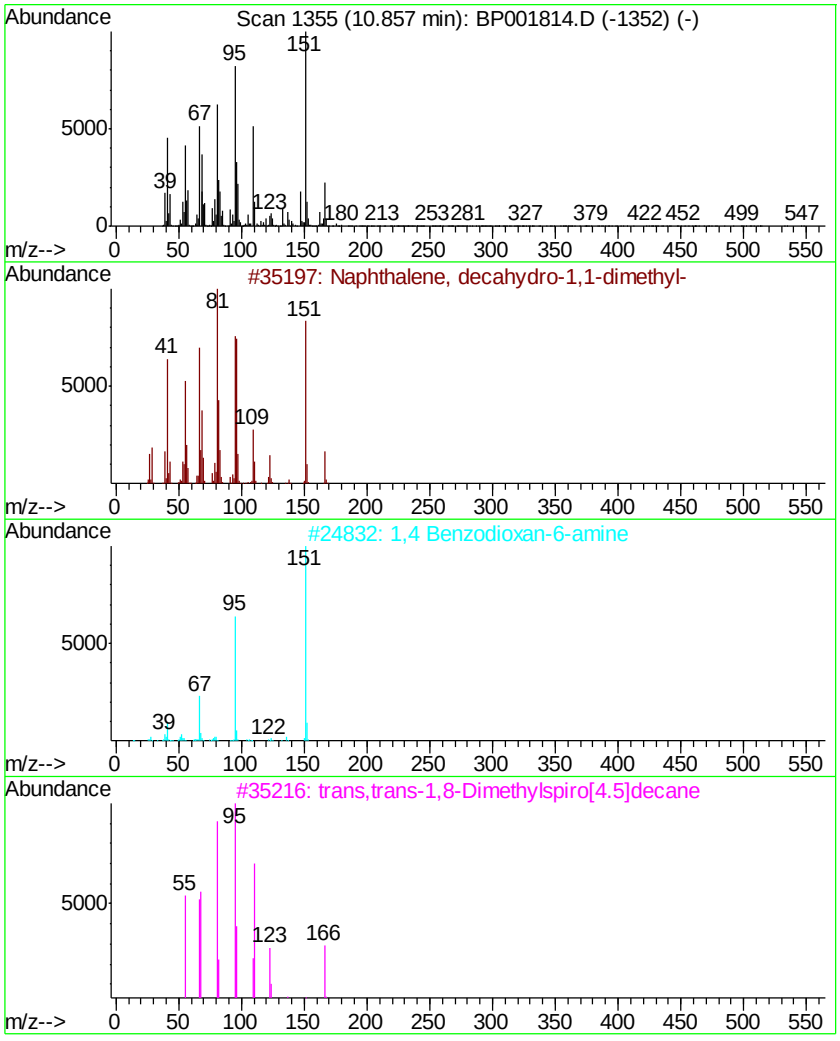
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

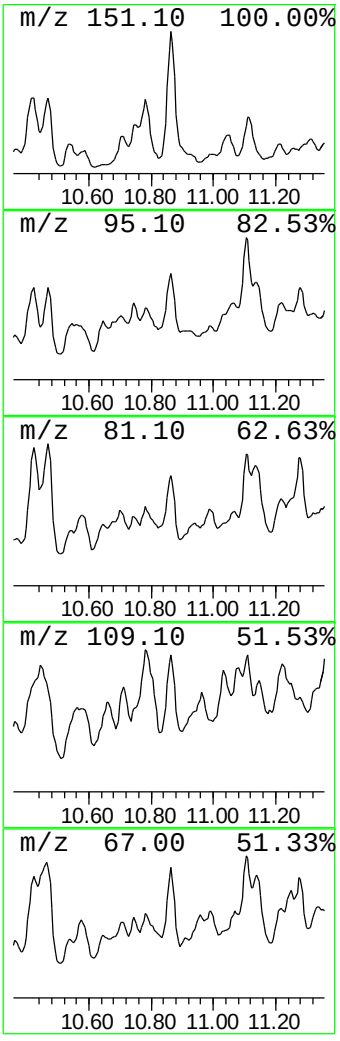
****

Peak Number 32 Naphthalene, decahydro-1,1-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	7.94 ng/ul	2820690	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	58
2	1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	50
3	trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	38
4	2-Adamantanol, 2-(bromomethyl)-	244	C11H17BrO	1000142-34-3	35
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	30





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Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

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Quant Title : SVOA CALIBRATION

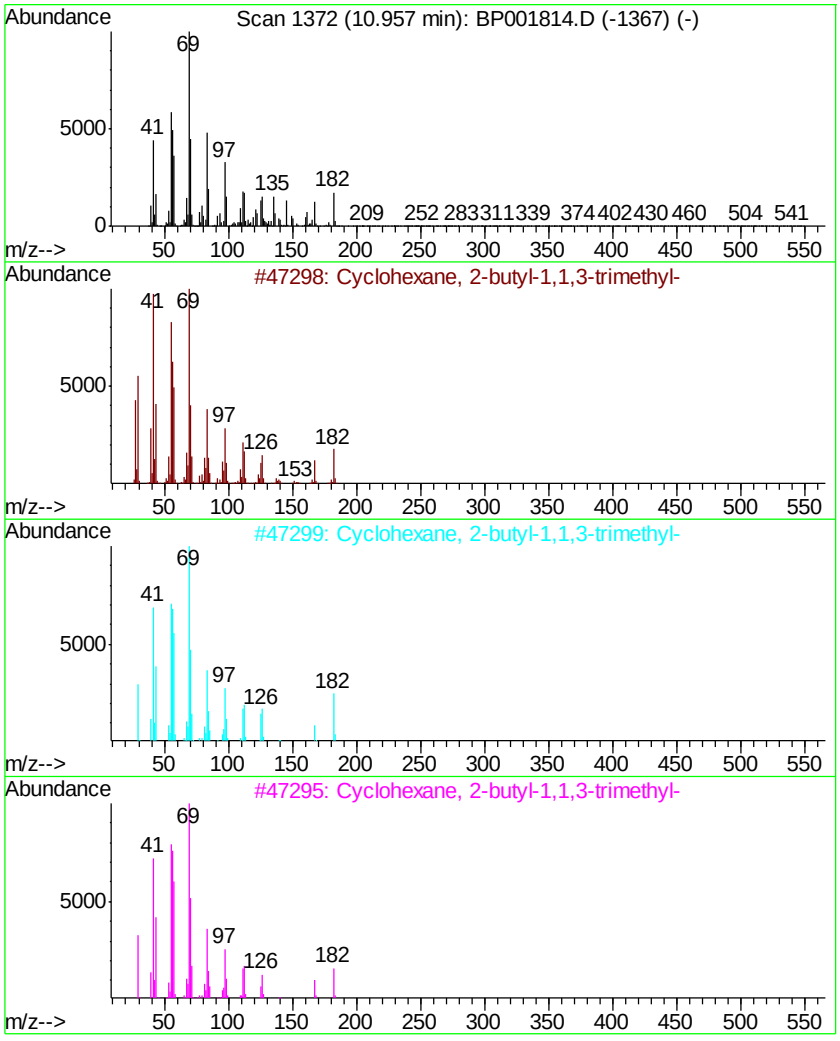
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

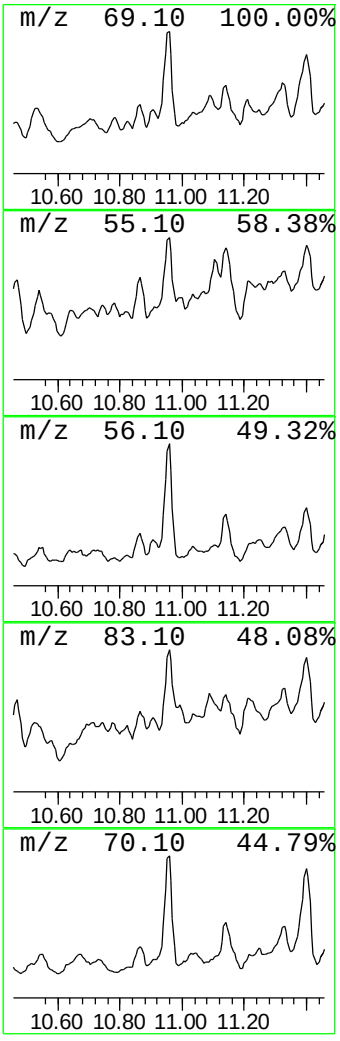
****

Peak Number 33 (DEL) Alkane: Cyclic10.96 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	8.58 ng/ul	3045490	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	91
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	60
4	n-Tridecan-1-ol	200	C13H28O	000112-70-9	49
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	46





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Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

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Quant Title : SVOA CALIBRATION

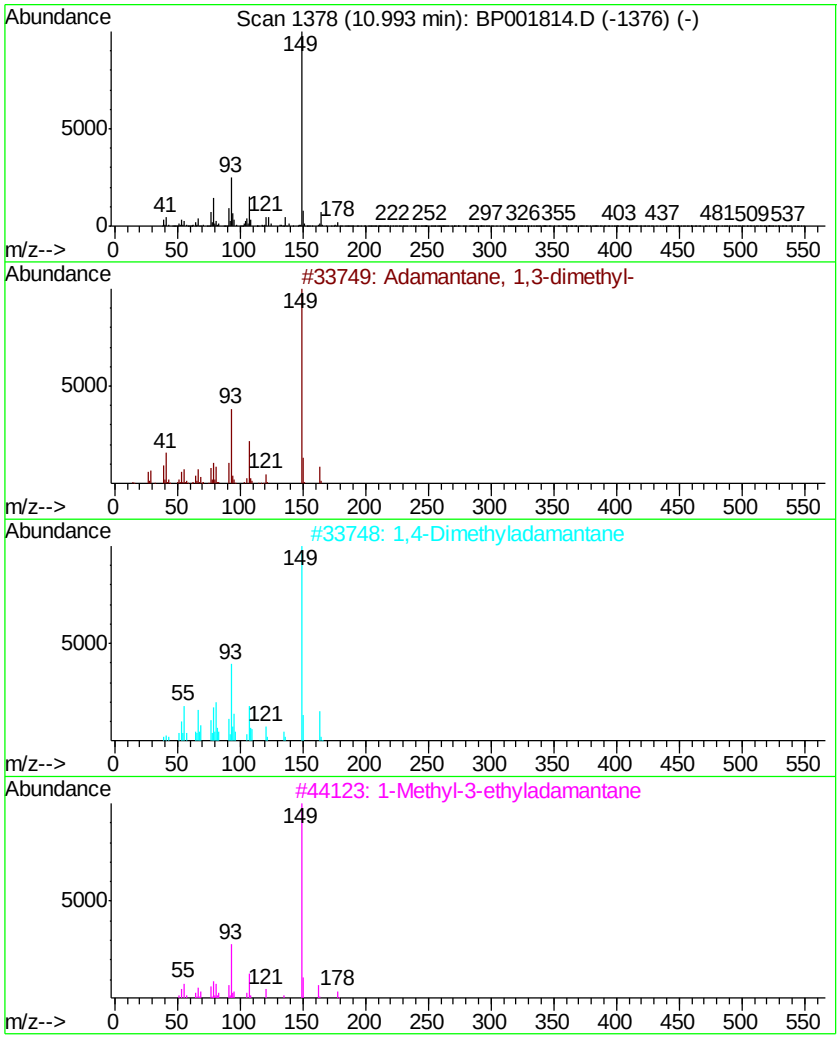
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

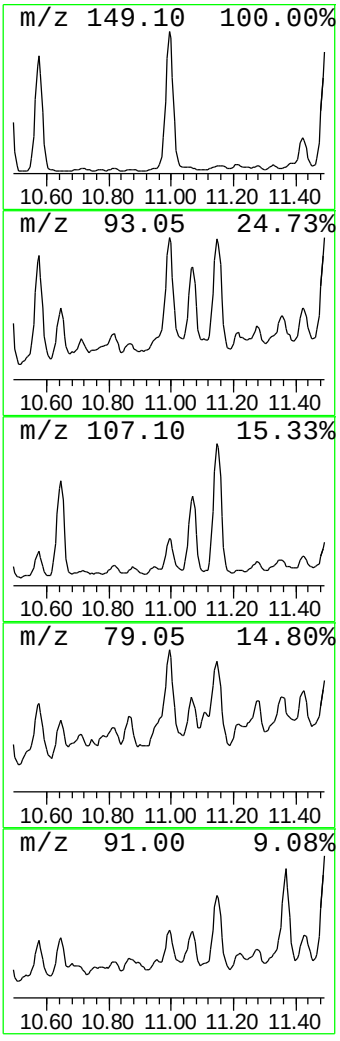
****

Peak Number 34 Adamantane, 1,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	4.42 ng/ul	1569240	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	52
2	1,4-Dimethyladamantane	164	C12H20	024145-88-8	52
3	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	50
4	Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	50
5	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	45





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

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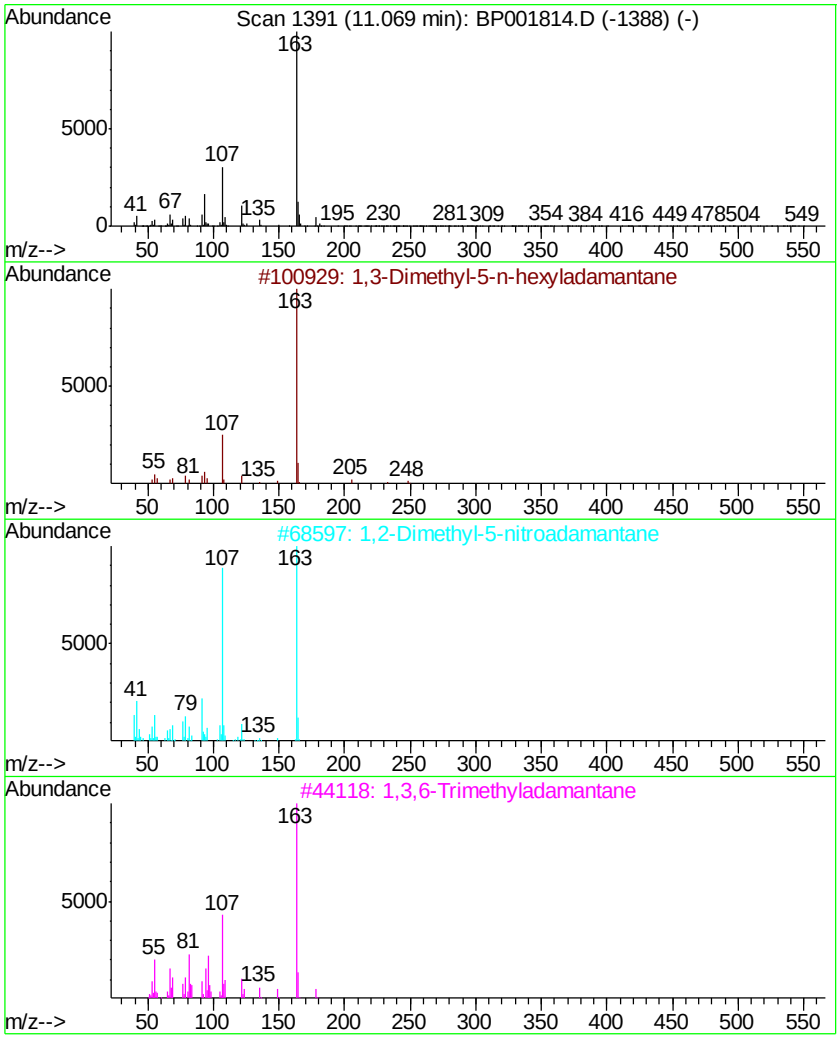
Quant Title : SVOA CALIBRATION

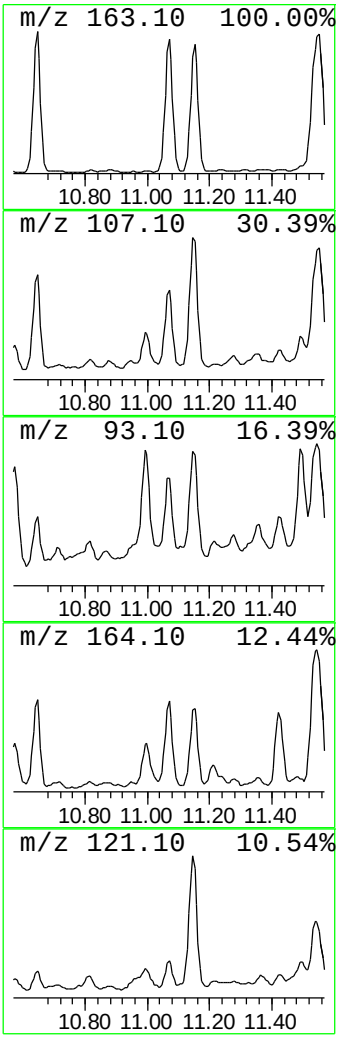
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1,3-Dimethyl-5-n-hexyladama... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.88 ng/ul	1024230	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-n-hexyladamantane	248	C18H32	052873-50-4	64
2	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	59
3	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	56
4	Octadecyltriethoxysilane	416	C24H52O3Si	007399-00-0	50
5	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	45





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Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

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Quant Title : SVOA CALIBRATION

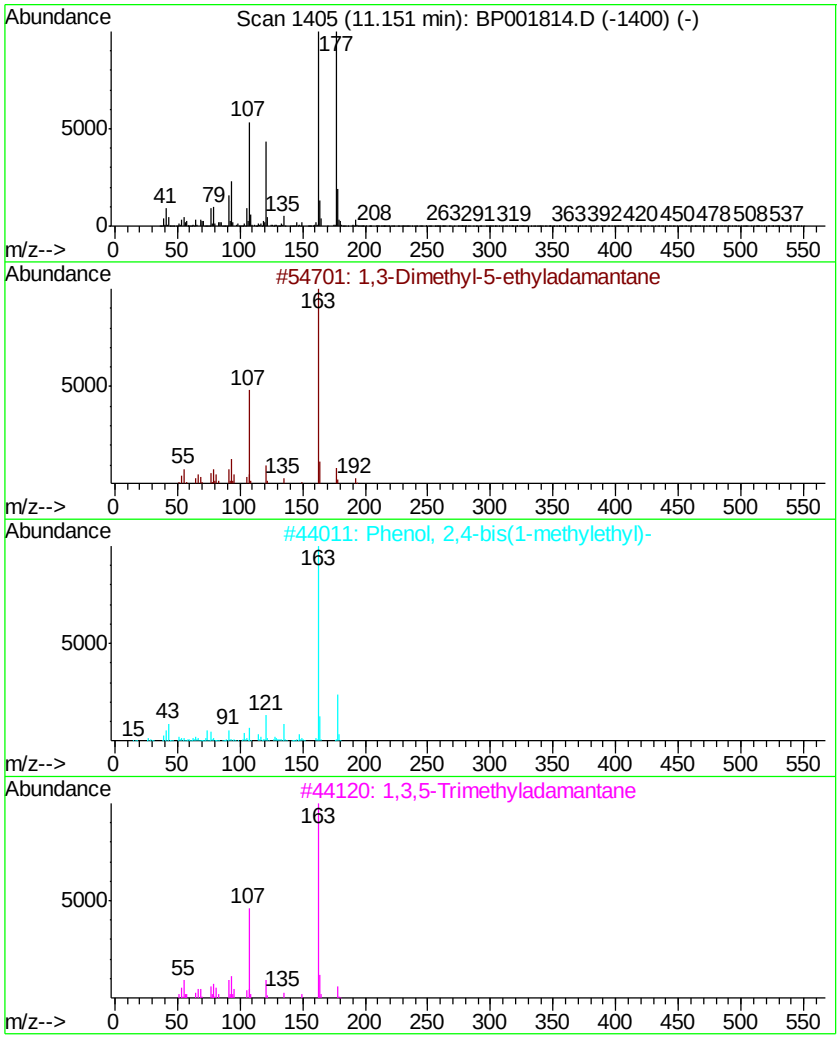
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

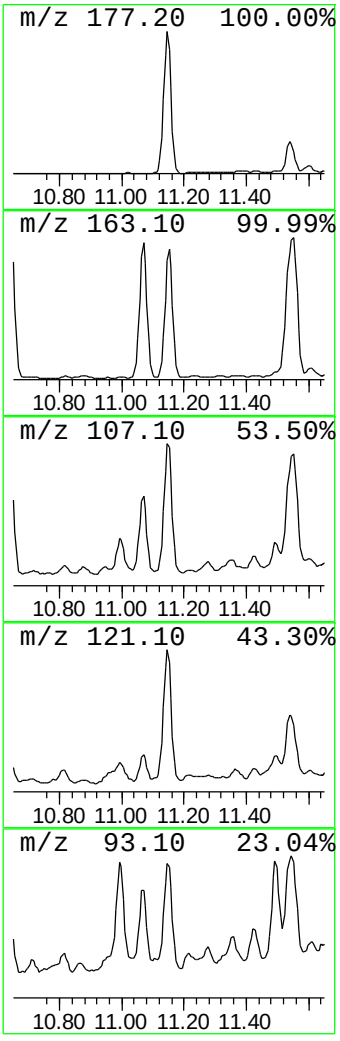
****

Peak Number 36 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	23.25 ng/ul	8257870	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	49
2	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	45
3	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	43
4	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	38
5	1,3-Dimethyl-5-n-hexyladamantane	248	C18H32	052873-50-4	37





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Sample : L1418-05
Misc :
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Instrument : BNA_P
ClientSampleId : C5AT6

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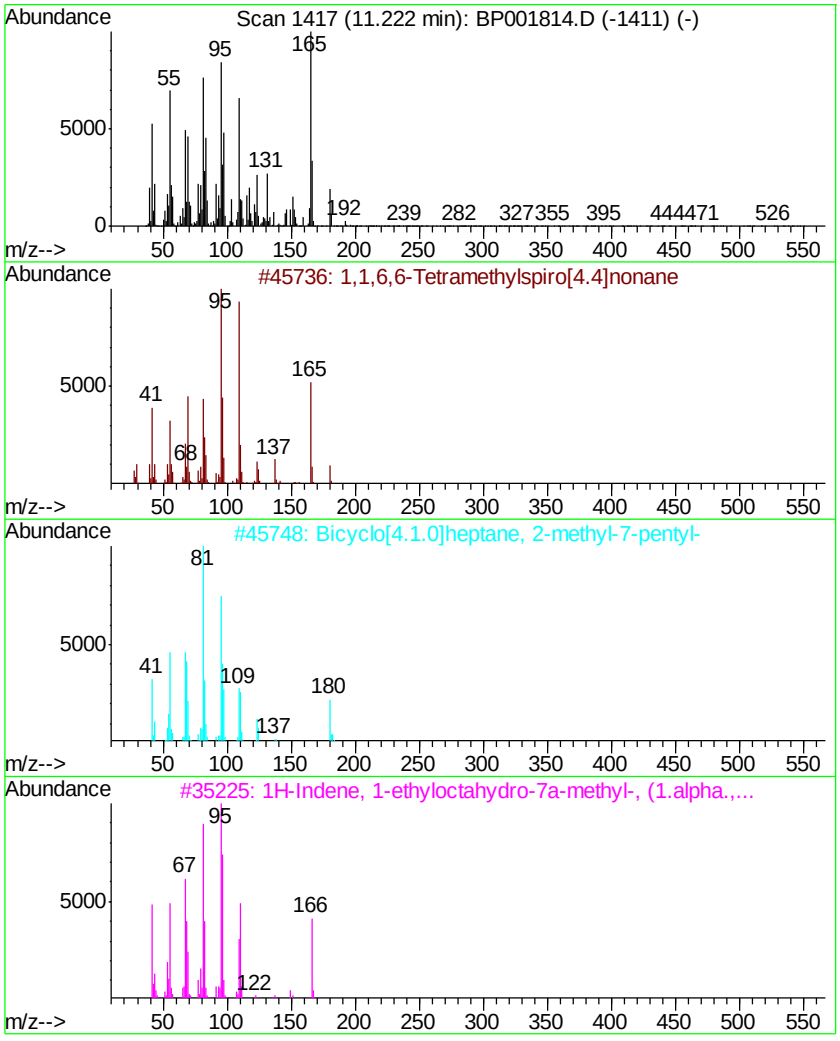
Quant Title : SVOA CALIBRATION

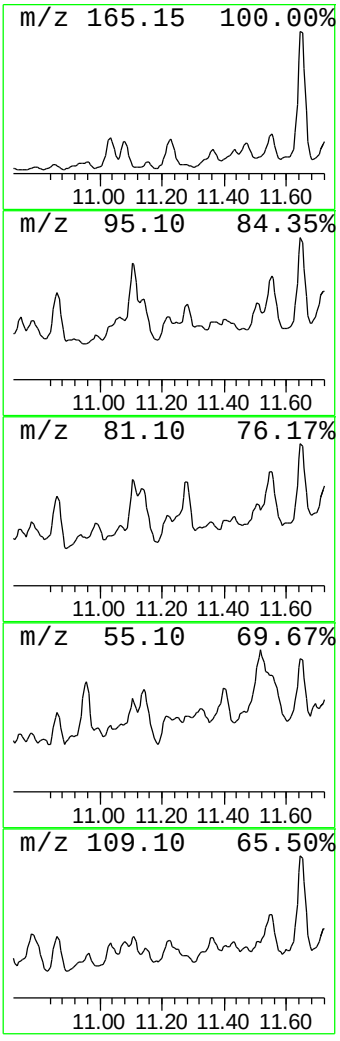
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1,1,6,6-Tetramethylspiro[4.... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	8.17 ng/ul	2902120	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	55
2	Bicyclo[4.1.0]heptane, 2-methyl-...	180	C13H24	055937-92-3	45
3	1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	43
4	cis,trans-1,9-Dimethylspiro[5.5]...	180	C13H24	1000111-73-3	41
5	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	41





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Quant Title : SVOA CALIBRATION

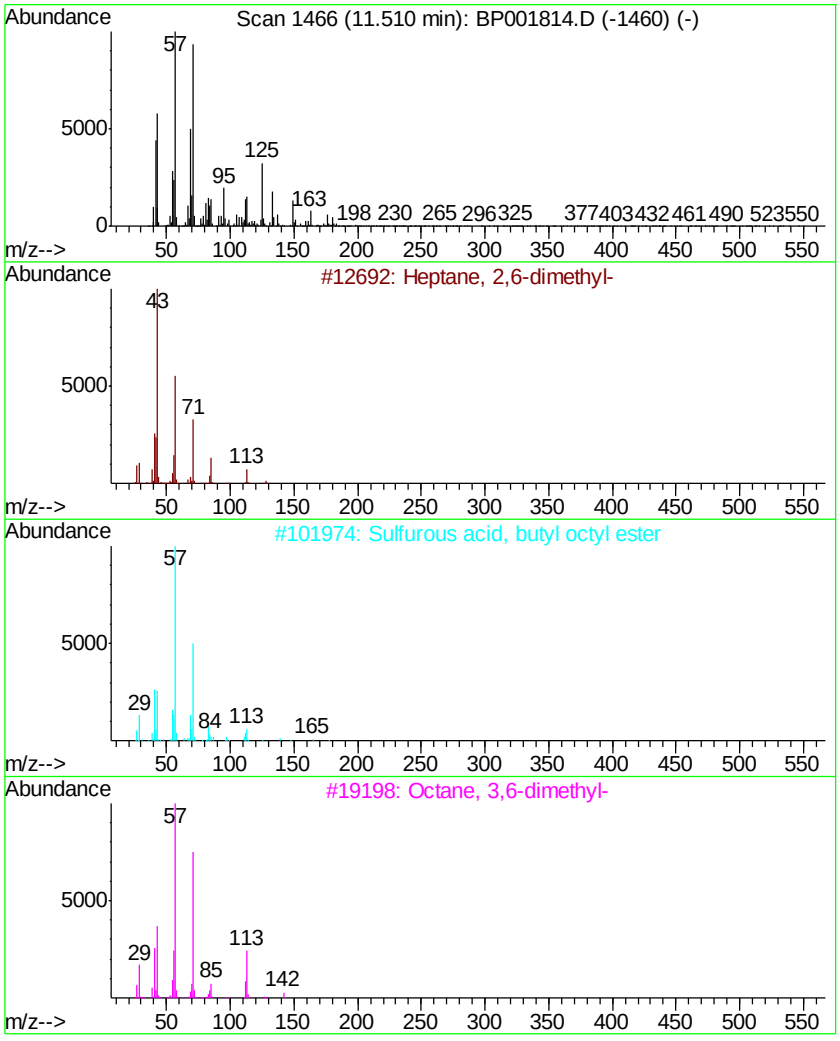
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

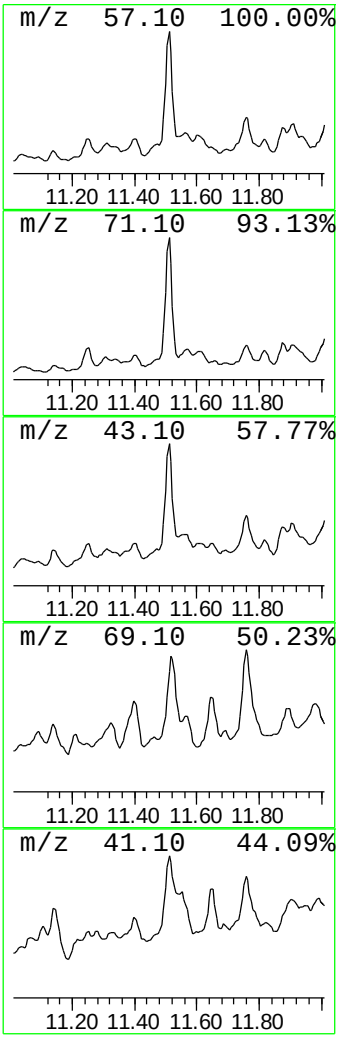
****

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	22.90 ng/ul	8133090	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	60
2	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	52
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	50
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

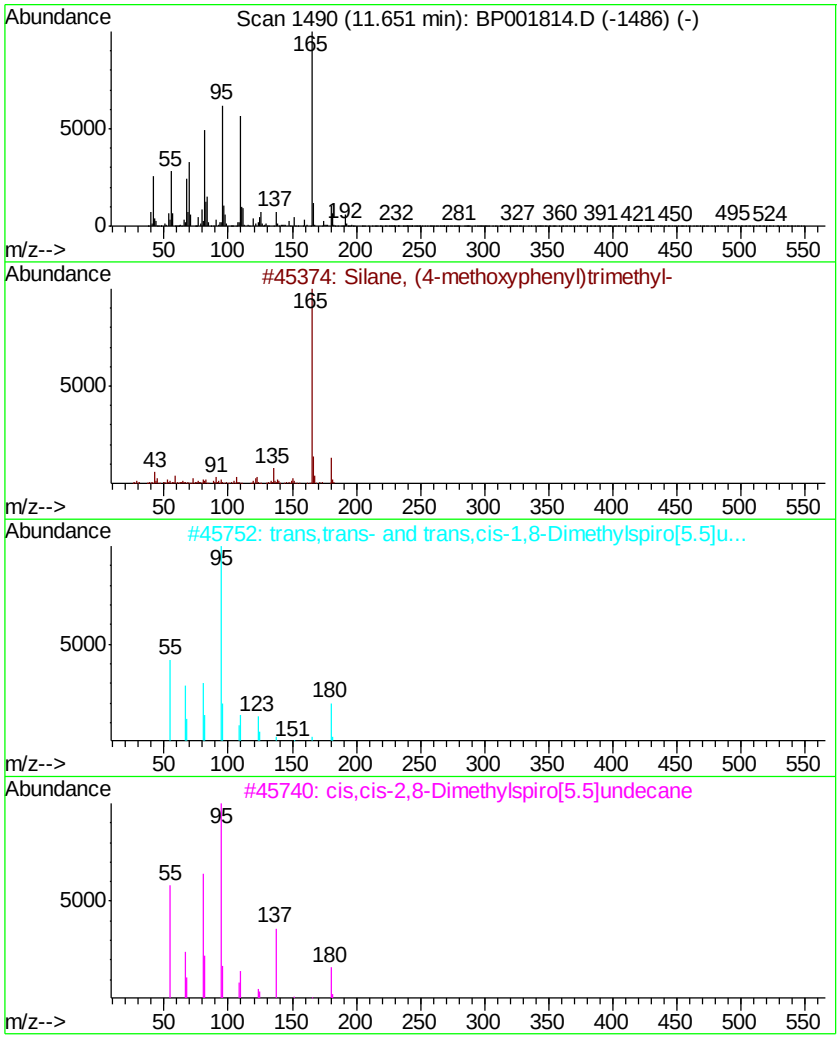
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

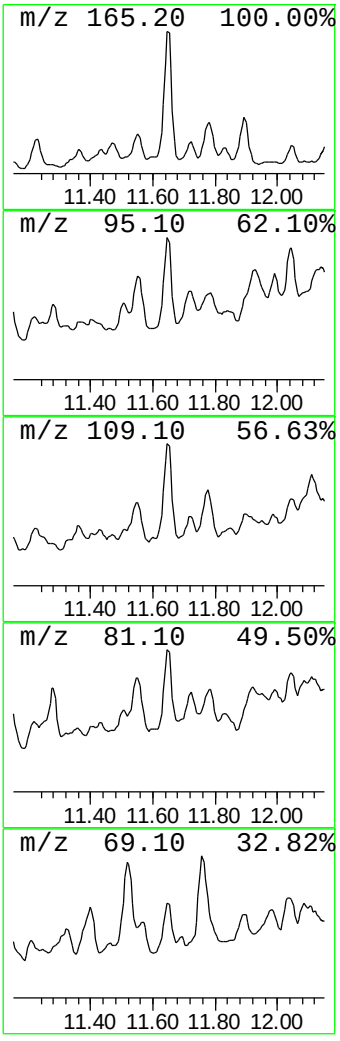
****

Peak Number 39 unknown-09 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	8.94 ng/ul	3175390	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, (4-methoxyphenyl)trimethyl-	180	C10H16OSi	000877-68-9	30
2	trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	30
3	cis,cis-2,8-Dimethylspiro[5.5]un...	180	C13H24	095530-75-9	25
4	trans,trans-2,8-Dimethylspiro[5....	180	C13H24	095530-76-0	25
5	(R)-(-)-2-Methyl-5-isopropenyl-2...	165	C10H15NO	026127-86-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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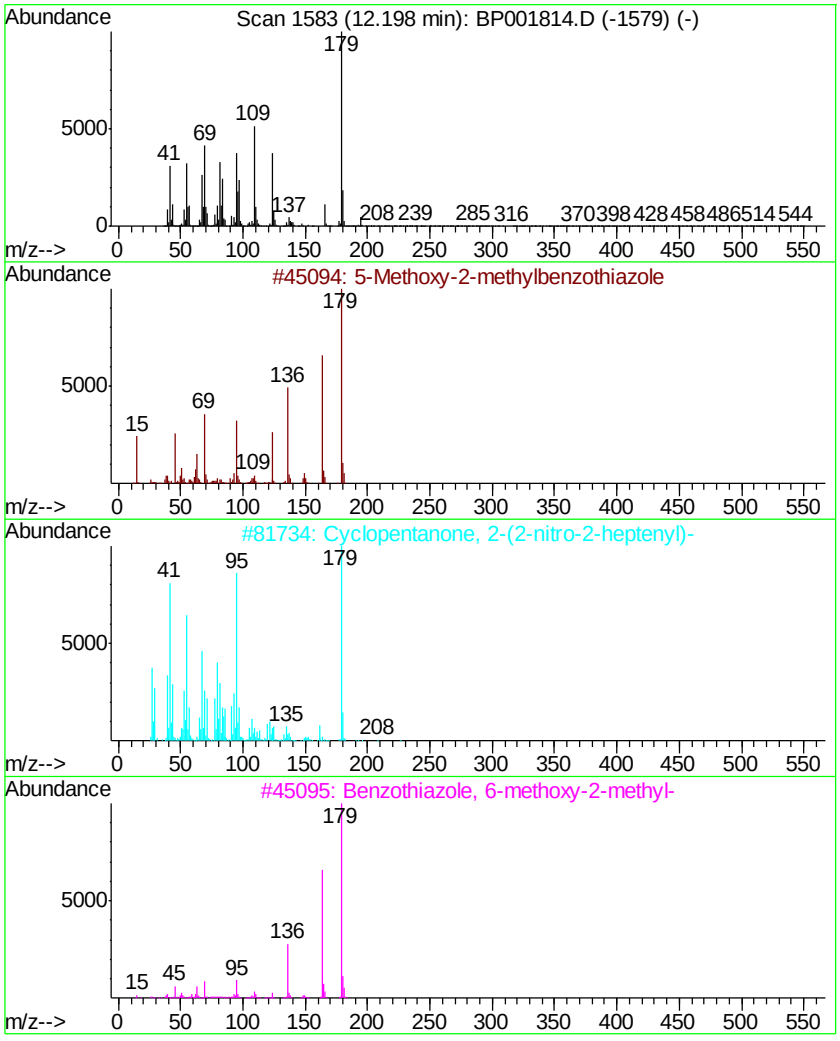
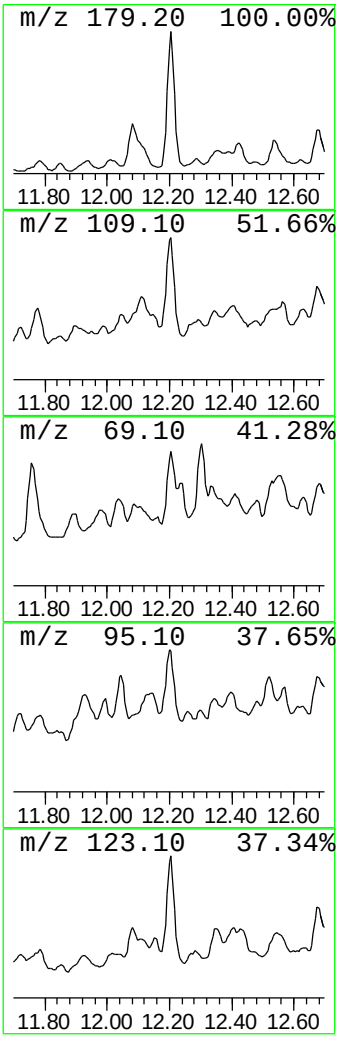
Peak Number 40 unknown-10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	34.31 ng/ul	12182200	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methoxy-2-methylbenzothiazole	179	C9H9NOS	1000342-71-0	43
2	Cyclopentanone, 2-(2-nitro-2-hep...	225	C12H19NO3	104313-57-7	32
3	Benzothiazole, 6-methoxy-2-methyl-	179	C9H9NOS	002941-72-2	25
4	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	23
5	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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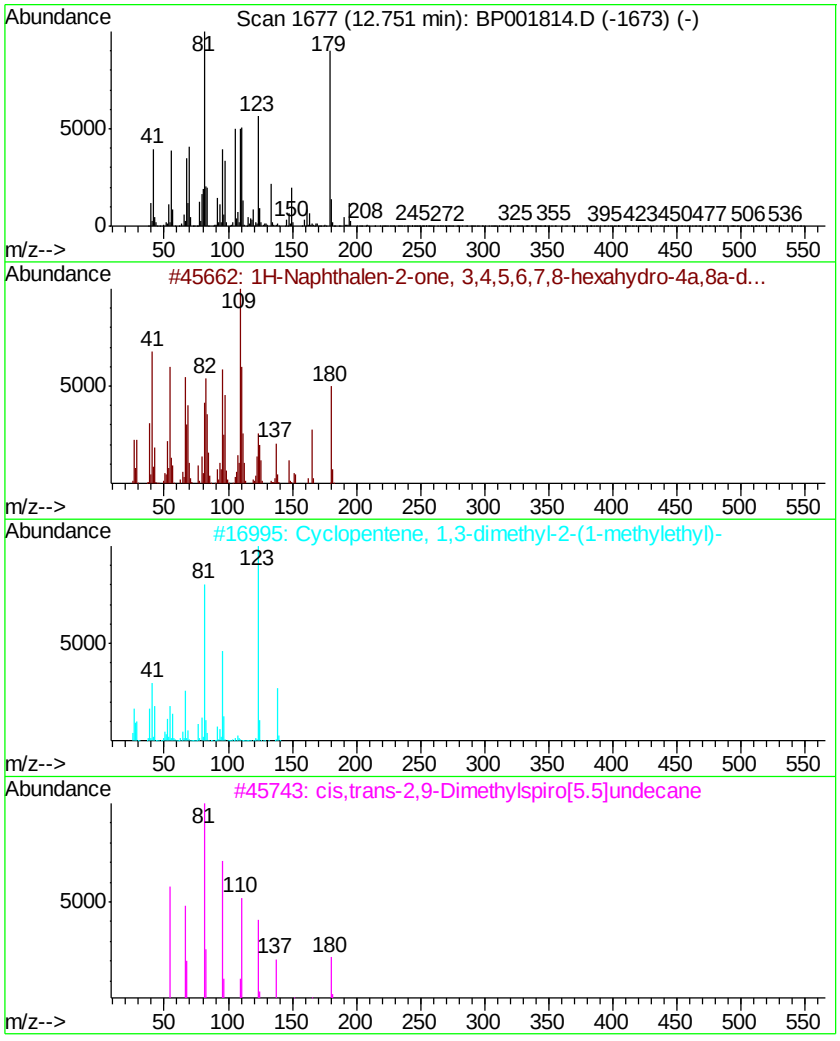
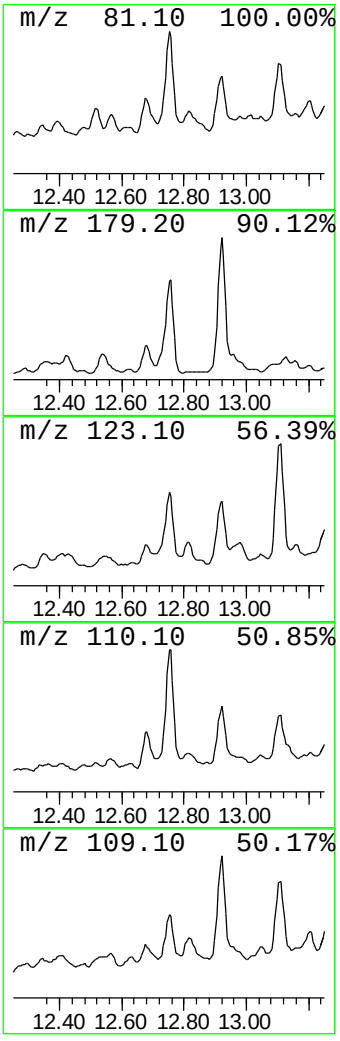
Peak Number 41 unknown-11 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	24.13 ng/ul	12201100	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	35
2	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	27
3	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	25
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	25
5	2-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000278-98-1	20





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

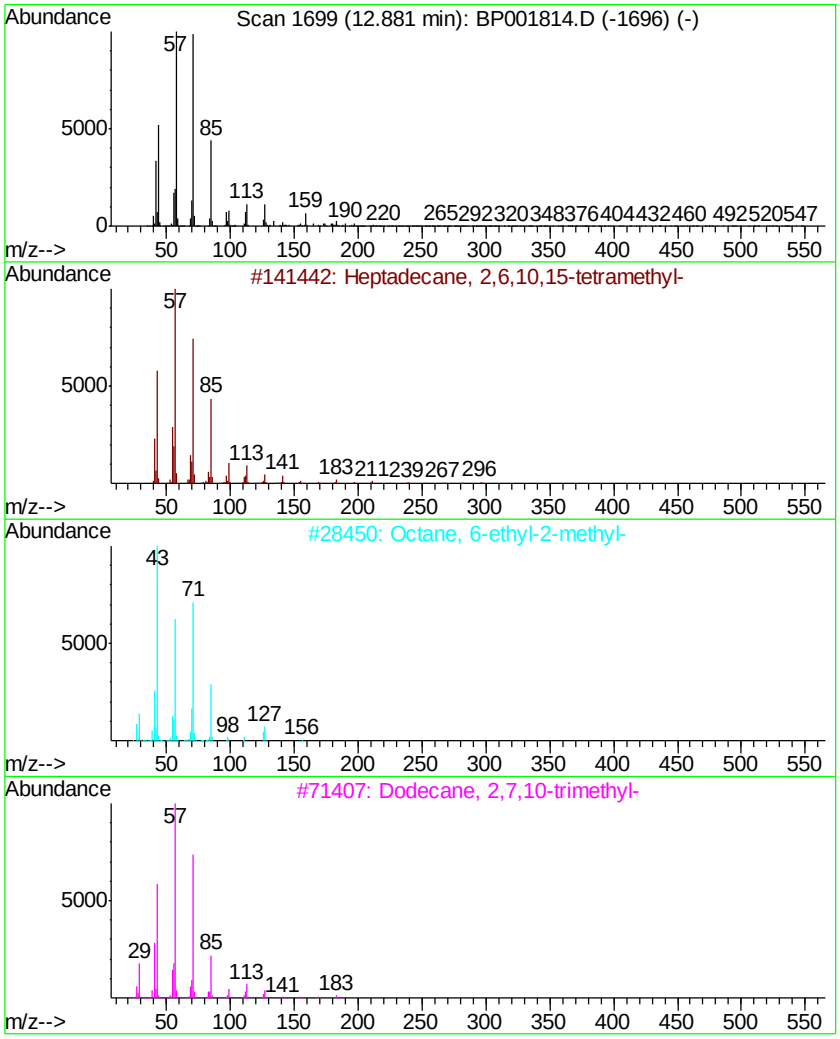
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

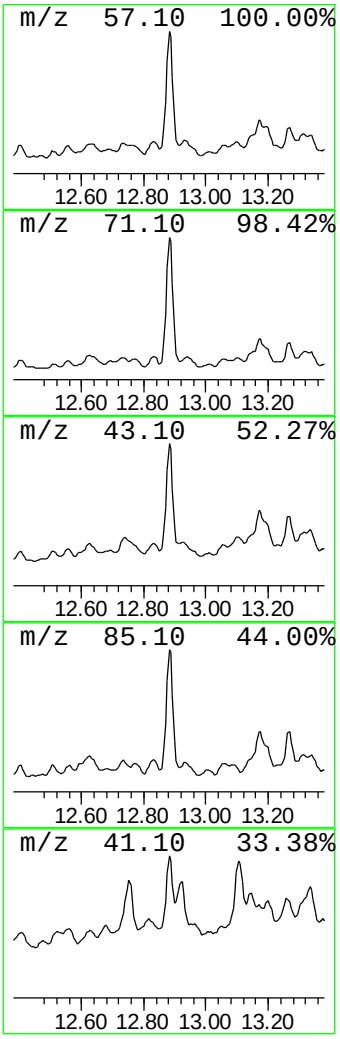
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	12.19 ng/ul	6165300	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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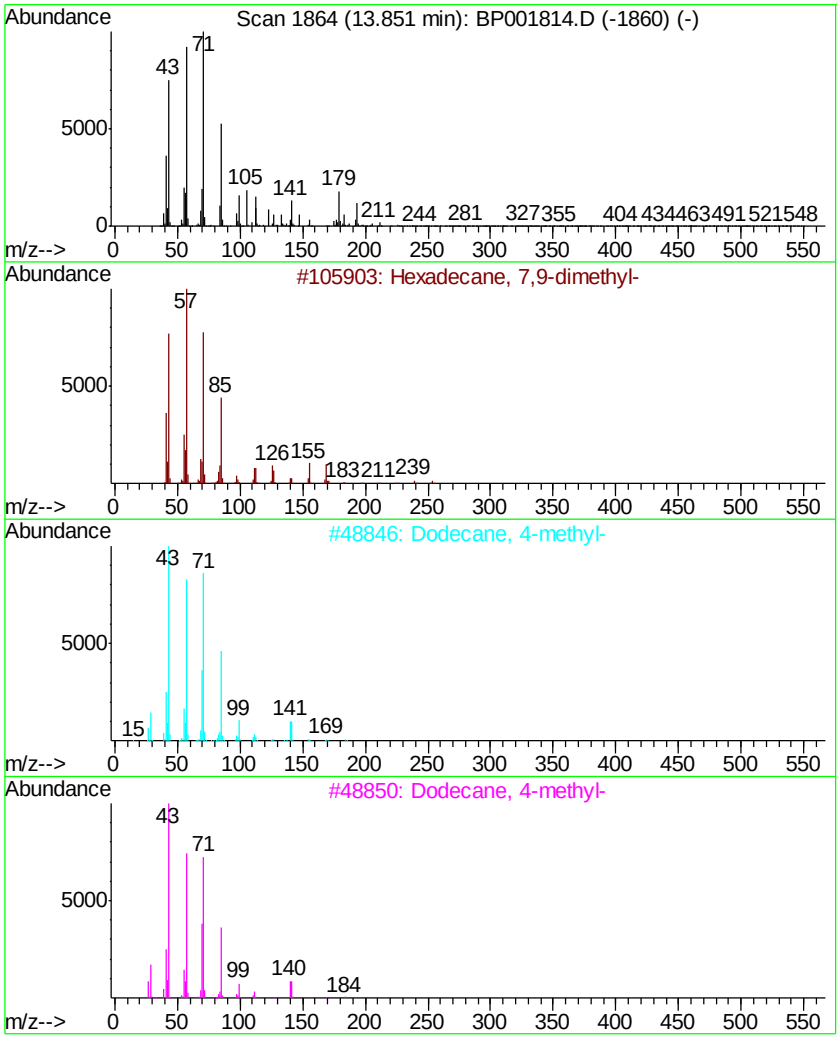
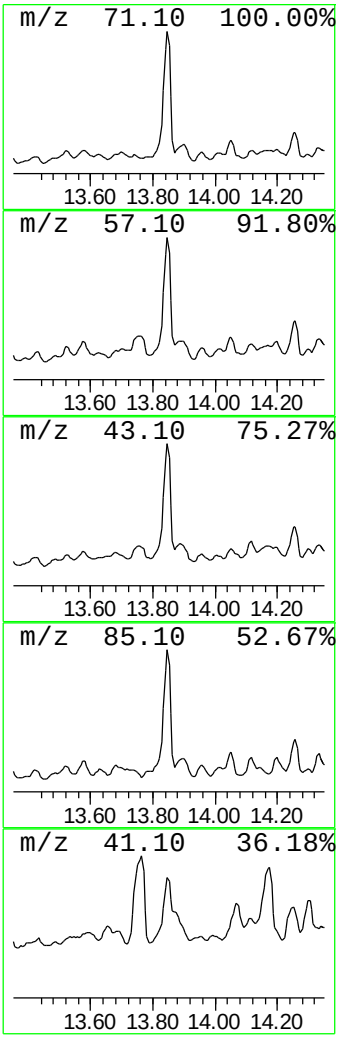
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	42.67 ng/ul	21572000	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	68
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

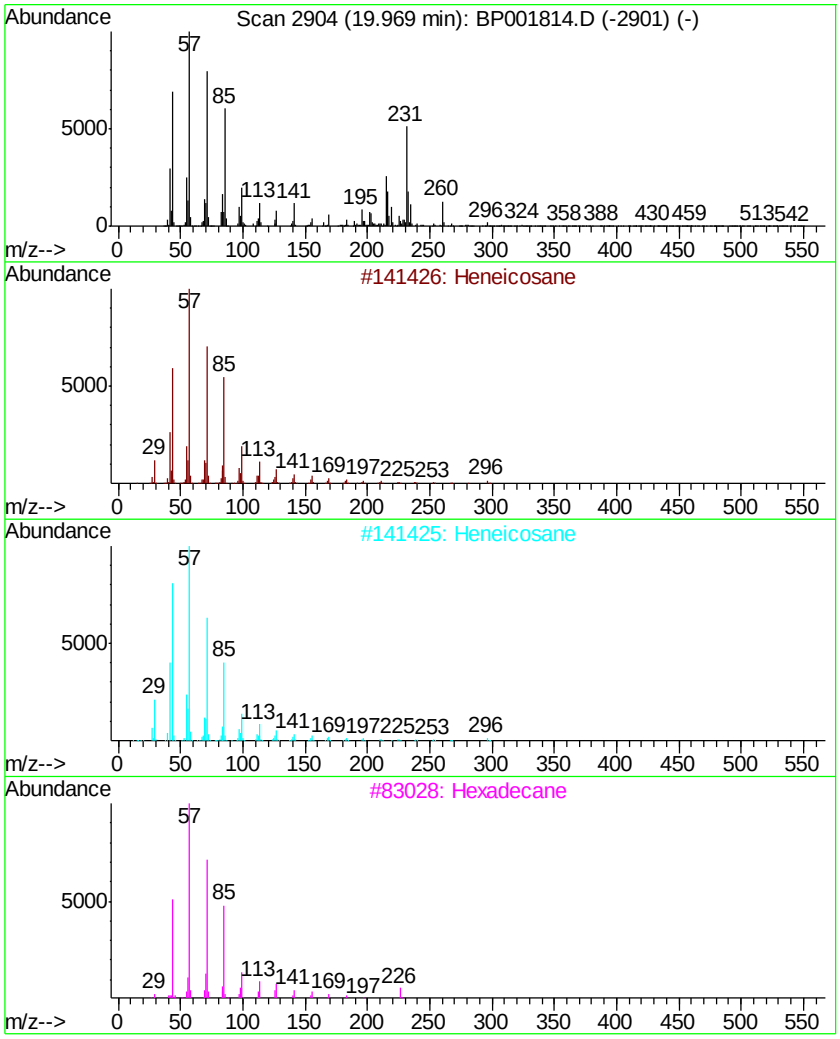
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

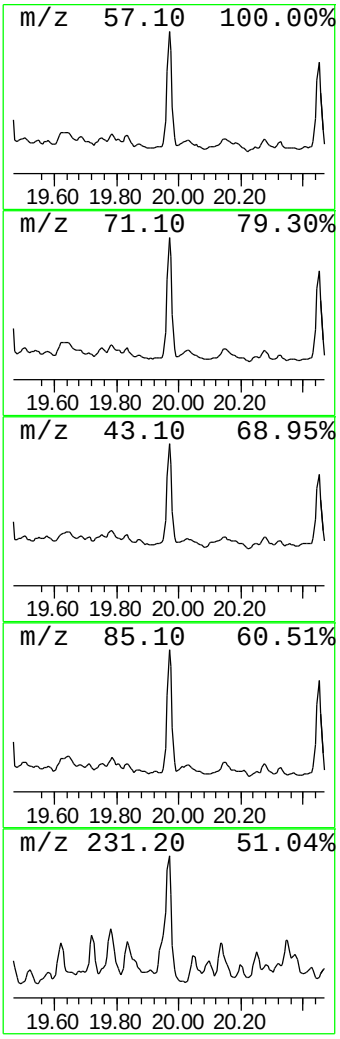
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	16.85 ng/ul	4598570	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heneicosane	296	C21H44	000629-94-7	89
3	Hexadecane	226	C16H34	000544-76-3	70
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	70
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022020\
Data File : BP001814.D
Acq On : 20 Feb 2020 21:48
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA 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
Butane, 2-methoxy...	2.93	16.8	ng/ul	2337090	1	7.66	2778790	20.0
(DEL) Alkane: Str...	7.27	6.5	ng/ul	897235	1	7.66	2778790	20.0
(DEL) Alkane: Cyc...	7.35	2.2	ng/ul	311516	1	7.66	2778790	20.0
unknown-01	7.42	2.6	ng/ul	356827	1	7.66	2778790	20.0
Oxalic acid, decy...	7.50	8.6	ng/ul	1196020	1	7.66	2778790	20.0
unknown-02	7.61	13.9	ng/ul	1937890	1	7.66	2778790	20.0
(DEL) Alkane: Cyc...	7.76	3.9	ng/ul	535813	1	7.66	2778790	20.0
unknown-03	7.80	2.9	ng/ul	398659	1	7.66	2778790	20.0
Furan, 2-ethyl-5-...	7.85	4.5	ng/ul	619992	1	7.66	2778790	20.0
(DEL) Alkane: Cyc...	7.92	2.0	ng/ul	277924	1	7.66	2778790	20.0
unknown-04	7.95	6.5	ng/ul	897800	1	7.66	2778790	20.0
unknown-05	8.05	3.1	ng/ul	437162	1	7.66	2778790	20.0
(DEL) Alkane: Cyc...	8.08	4.3	ng/ul	597207	1	7.66	2778790	20.0
(DEL) Alkane: Cyc...	8.13	6.0	ng/ul	834896	1	7.66	2778790	20.0
(DEL) Alkane: Str...	8.23	23.3	ng/ul	3243060	1	7.66	2778790	20.0
(DEL) Alkane: Cyc...	8.43	8.9	ng/ul	1236260	1	7.66	2778790	20.0
Naphthalene, deca...	8.49	5.1	ng/ul	707678	1	7.66	2778790	20.0
(DEL) Alkane: Str...	8.56	22.5	ng/ul	3122490	1	7.66	2778790	20.0
(DEL) Alkane: Cyc...	8.65	14.8	ng/ul	2052340	1	7.66	2778790	20.0
(DEL) Alkane: Cyc...	9.02	27.7	ng/ul	3845700	1	7.66	2778790	20.0
Cyclopentanecarbo...	9.09	2.5	ng/ul	878149	2	10.43	7102230	20.0
unknown-06	9.14	3.7	ng/ul	1322150	2	10.43	7102230	20.0
Cyclohexanone, 2-...	9.20	4.7	ng/ul	1671190	2	10.43	7102230	20.0
1-Adamantyl bromo...	9.32	4.1	ng/ul	1456920	2	10.43	7102230	20.0
trans-Decalin, 2-...	9.38	13.3	ng/ul	4710510	2	10.43	7102230	20.0
Naphthalene, deca...	9.64	31.6	ng/ul	11239600	2	10.43	7102230	20.0
(DEL) Alkane: Str...	9.92	5.4	ng/ul	1927610	2	10.43	7102230	20.0
unknown-07	10.21	4.9	ng/ul	1753210	2	10.43	7102230	20.0
Cyclohexene, 2-et...	10.32	3.2	ng/ul	1133540	2	10.43	7102230	20.0
1,3,6-Trimethylad...	10.65	11.2	ng/ul	3957750	2	10.43	7102230	20.0
Naphthalene, deca...	10.86	7.9	ng/ul	2820690	2	10.43	7102230	20.0
(DEL) Alkane: Cyc...	10.96	8.6	ng/ul	3045490	2	10.43	7102230	20.0
Adamantane, 1,3-d...	10.99	4.4	ng/ul	1569240	2	10.43	7102230	20.0
1,3-Dimethyl-5-n-...	11.07	2.9	ng/ul	1024230	2	10.43	7102230	20.0
unknown-08	11.15	23.3	ng/ul	8257870	2	10.43	7102230	20.0
1,1,6,6-Tetrameth...	11.22	8.2	ng/ul	2902120	2	10.43	7102230	20.0
(DEL) Alkane: Str...	11.51	22.9	ng/ul	8133090	2	10.43	7102230	20.0
unknown-09	11.65	8.9	ng/ul	3175390	2	10.43	7102230	20.0
unknown-10	12.20	34.3	ng/ul	12182200	2	10.43	7102230	20.0
unknown-11	12.75	24.1	ng/ul	12201100	3	14.32	10111400	20.0
(DEL) Alkane: Str...	12.88	12.2	ng/ul	6165300	3	14.32	10111400	20.0
(DEL) Alkane: Str...	13.85	42.7	ng/ul	21572000	3	14.32	10111400	20.0
(DEL) Alkane: Str...	19.97	16.9	ng/ul	4598570	5	21.16	5458310	20.0