LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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	25	rVB	1463480	2229934	6.98%	0.712%
2	3.181	46	50	56	rVB	37881	57506	0.18%	0.018%
3	3.605	115	122	129	rBV2	30074	78108	0.24%	0.025%
4	3.687	129	136	146	rVB3	65115	133262	0.42%	0.043%
5	3.787	146	153	157	rBV5	18456	38498	0.12%	0.012%
6	4.664	297	302	313	rBV3	15481	34352	0.11%	0.011%
7	4.805	321	326	335	rVB	48604	81643	0.26%	0.026%
8	4.934	345	348	356	rVB4	20390	37705	0.12%	0.012%
9	5.505	439	445	451	rBV4	25531	45106	0.14%	0.014%
10	5.587	453	459	465	rBV	96785	166344	0.52%	0.053%
11	5.687	471	476	482	rBV	61148	109656	0.34%	0.035%
12	5.799	490	495	500	rBV2	70199	108680	0.34%	0.035%
13	5.887	506	510	516	rVB2	26199	45954	0.14%	0.015%
14	5.958	516	522	532	rBV2	136132	264672	0.83%	0.085%
15	6.099	540	546	552	rVB4	42023	93463	0.29%	0.030%
16	6.187	552	561	565	rBV	109244	174714	0.55%	0.056%
17	6.281	565	577	587	rBV3	175584	709021	2.22%	0.226%
18	6.369	587	592	597	rVV	698610	1148019	3.59%	0.367%
19	6.446	601	605	610	rVB	382335	585578	1.83%	0.187%
20	6.505	610	615	621	rBV2	208213	354044	1.11%	0.113%
21	6.575	621	627	630	rBV5	78677	142827	0.45%	0.046%
22	6.652	635	640	644	rVB3	84576	140631	0.44%	0.045%
23	6.711	644	650	657	rVB4	309865	730085	2.28%	0.233%
24	6.787	657	663	664	rBV2	293635	443750	1.39%	0.142%
25	6.828	664	670	677	rVB3	3147266	5568456	17.43%	1.779%
26	6.881	677	679	683	rVB3	135474	144121	0.45%	0.046%
27	6.999	687	699	707	rBV5	852476	2336771	7.31%	0.746%
28	7.069	707	711	715	rVB2	503364	679729	2.13%	0.217%
29	7.116	715	719	723	rBV4	429314	808654	2.53%	0.258%
30	7.193	723	732	737	rVB3	2440394	4536710	14.20%	1.449%
31	7.269	737	745	752	rVB5	1444592	3543382	11.09%	1.132%
32	7.352	752	759	764	rBV6	472727	1050858	3.29%	0.336%
33	7.410	764	769	774	rBV3	607612	1088837	3.41%	0.348%
34	7.499	774	784	792	rBV5	1525931	3924190	12.28%	1.253%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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	7.610	792	803	807	rBV5	2277092	5841671	18.28%	1.866%
36	7.658	807	811	817	rVB3	2306120	4355699	13.63%	1.391%
37	7.710	817	820	823	rVB	299532	343716	1.08%	0.110%
38	7.758	823	828	833	rBV4	887750	1760857	5.51%	0.562%
39	7.810	833	837	840	rBV3	684681	1171441	3.67%	0.374%
40	7.852	840	844	845	rBV3	1001307	1219301	3.82%	0.389%
41	7.916	852	855	857	rBV2	487247	559645	1.75%	0.179%
42	7.952	857	861	866	rVV3	1604951	2632531	8.24%	0.841%
43	8.040	872	876	880	rBV4	689557	1101017	3.45%	0.352%
44	8.087	880	884	887	rVB2	890756	1294122	4.05%	0.413%
45	8.128	887	891	896	rBV3	1256927	2161577	6.76%	0.690%
46	8.234	904	909	918	rVB2	4497599	7931463	24.82%	2.533%
47	8.310	919	922	925	rBV	345129	550060	1.72%	0.176%
48	8.369	927	932	937	rBV3	891457	1630647	5.10%	0.521%
49	8.434	939	943	947	rBV3	1018102	1902460	5.95%	0.608%
50	8.557	957	964	968	rBV4	3116212	6293991	19.70%	2.010%
51	8.652	977	980	989	rVB5	1708039	3700415	11.58%	1.182%
52	8.769	989	1000	1011	rBV7	4423453	16916801	52.94%	5.403%
53	9.028	1034	1044	1050	rVB5	3017480	7741174	24.23%	2.473%
54	9.087	1050	1054	1057	rBV3	855054	1348418	4.22%	0.431%
55	9.140	1058	1063	1069	rVB6	1280595	2506808	7.84%	0.801%
56	9.199	1069	1073	1080	rBV5	906396	2257858	7.07%	0.721%
57	9.322	1089	1094	1099	rVB2	2211853	3441583	10.77%	1.099%
58	9.381	1099	1104	1111	rBV2	3911592	6364577	19.92%	2.033%
59	9.534	1123	1130	1135	rBV	3471805	7213796	22.58%	2.304%
60	9.640	1143	1148	1157	rVB2	7099710	15532617	48.61%	4.961%
61	9.710	1157	1160	1164	rBV3	974657	1194961	3.74%	0.382%
62	9.916	1190	1195	1200	rBV4	1506823	2783780	8.71%	0.889%
63	10.063	1216	1220	1225	rBV3	1866269	2894176	9.06%	0.924%
64	10.169	1232	1238	1241	rBV5	1406377	2957488	9.26%	0.945%
65	10.210	1242	1245	1250	rVV5	1044133	2176374	6.81%	0.695%
66	10.328	1261	1265	1268	rBV	1419397	1962670	6.14%	0.627%
67	10.434	1276	1283	1287	rBV2	3318426	8870777	27.76%	2.833%
68	10.540	1297	1301	1303	rBV5	1209008	1902480	5.95%	0.608%
69	10.646	1314	1319	1325	rBV	3902937	7734113	24.20%	2.470%
70	10.869	1352	1357	1361	rVB3	2392606	3987549	12.48%	1.274%
71	10.957	1368	1372	1376	rBV2	2387028	3975451	12.44%	1.270%

LSC Area Percent Report

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Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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	10.999	1376	1379	1382	rVB	1644705	2098897	6.57%	0.670%
73	11.069	1388	1391	1395	rBV	1385638	1973397	6.18%	0.630%
74	11.151	1400	1405	1412	rVB3	5882129	11799647	36.93%	3.769%
75	11.216	1412	1416	1419	rBV5	1810831	3444727	10.78%	1.100%
76	11.516	1461	1467	1471	rBV3	7274755	16166277	50.59%	5.164%
77	11.651	1487	1490	1495	rBV	2492831	3442917	10.77%	1.100%
78	12.210	1580	1585	1589	rBV4	6242205	11962416	37.44%	3.821%
79	12.757	1674	1678	1683	rVB3	8132808	13794816	43.17%	4.406%
80	12.893	1697	1701	1704	rBV	7868818	13116282	41.05%	4.190%
81	13.116	1735	1739	1742	rBV	7513701	11275771	35.29%	3.602%
82	13.775	1844	1851	1855	rVB2	13841616	31954289	100.00%	10.207%
83	14.257	1929	1933	1937	rBV3	5738174	12194878	38.16%	3.895%

Sum of corrected areas: 313073638

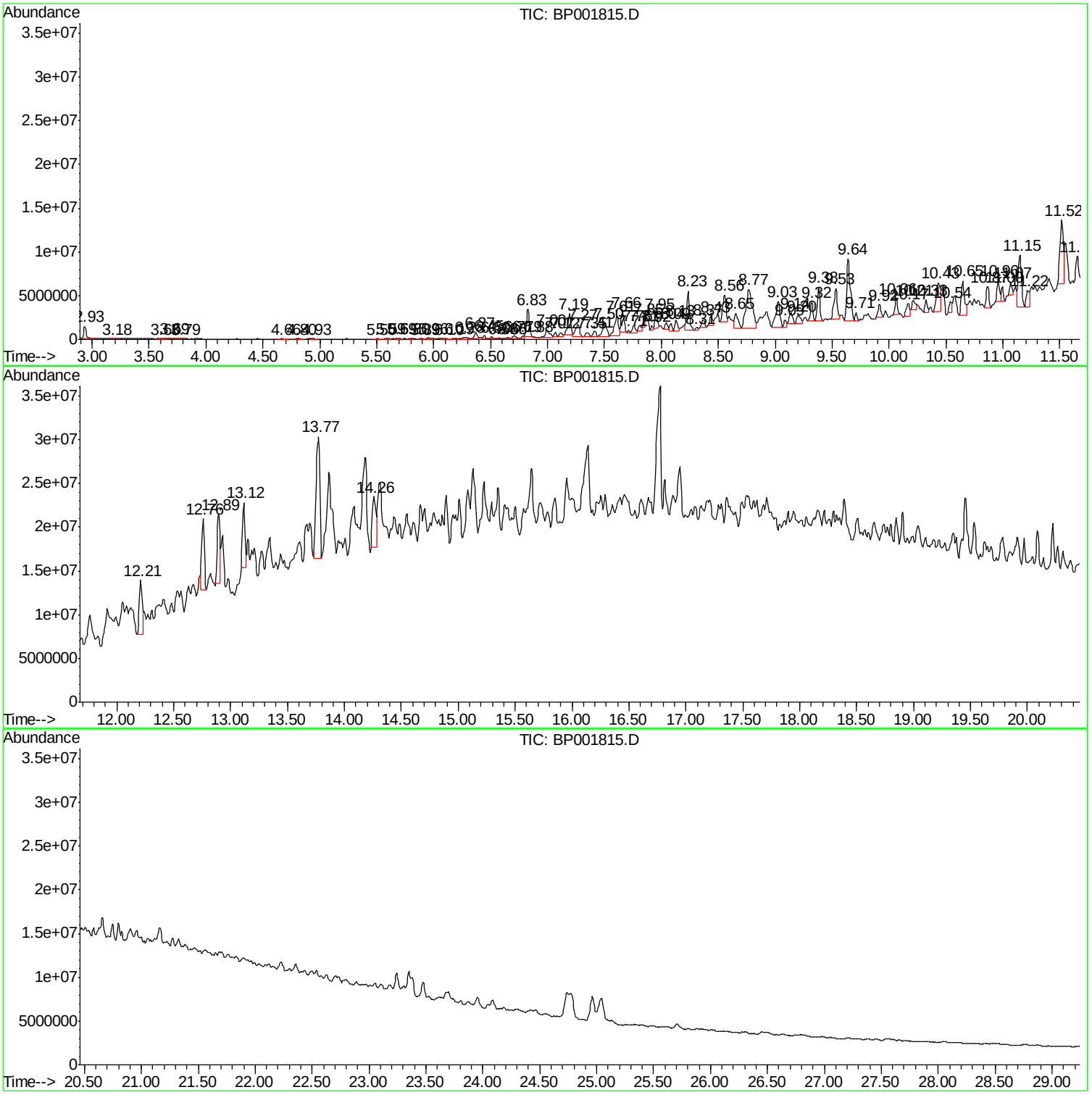
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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

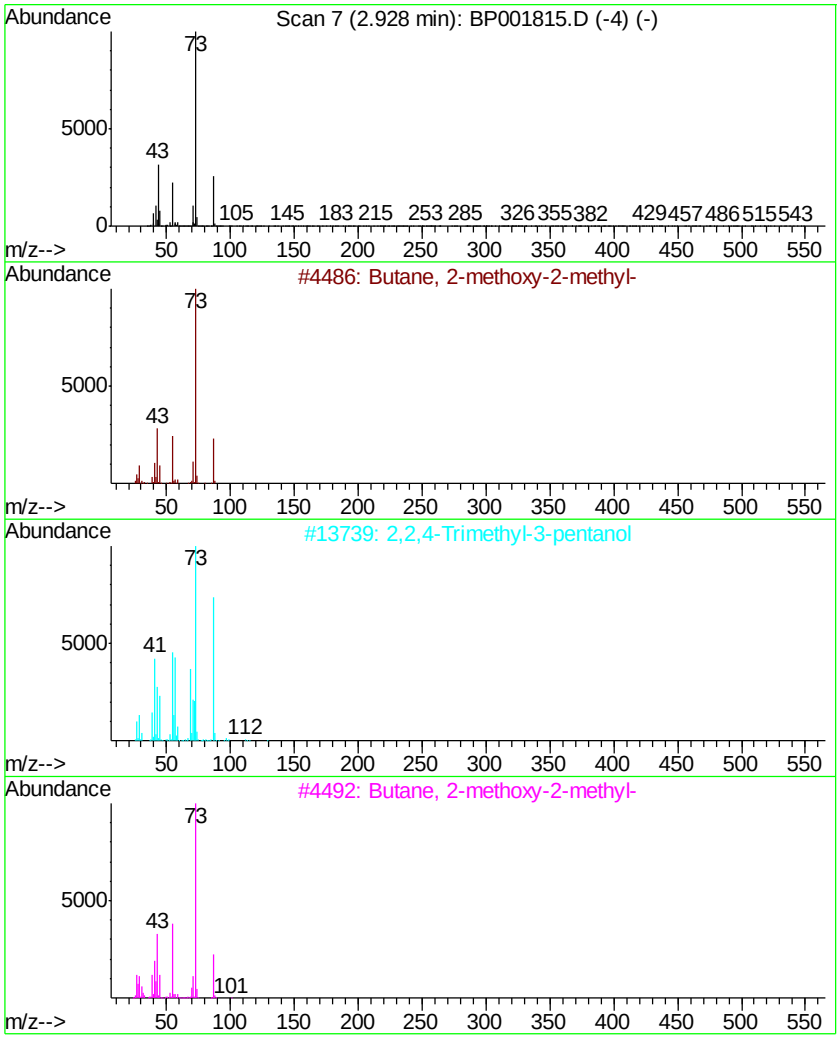
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

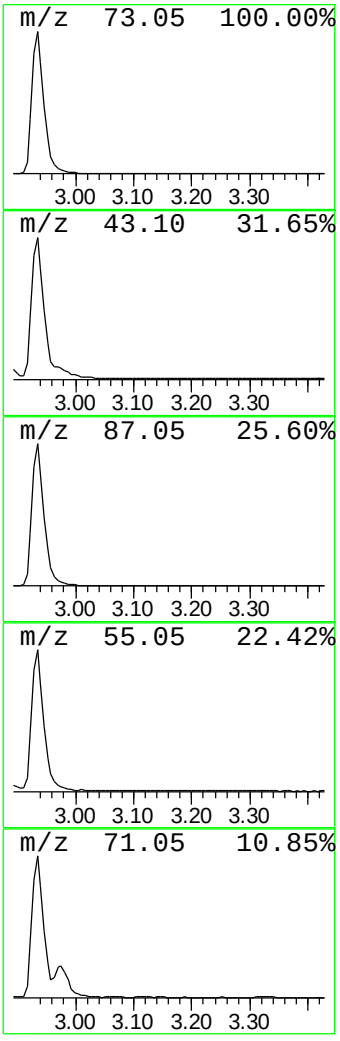
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	10.24 ng/ul	2229930	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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

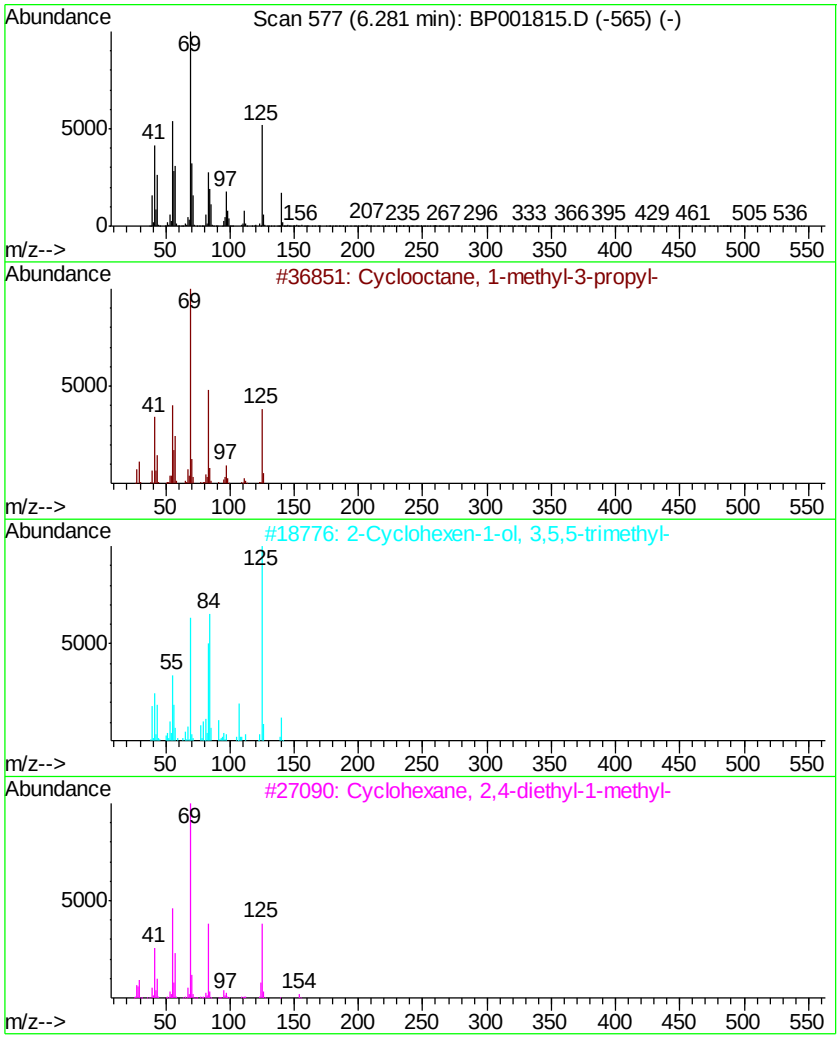
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

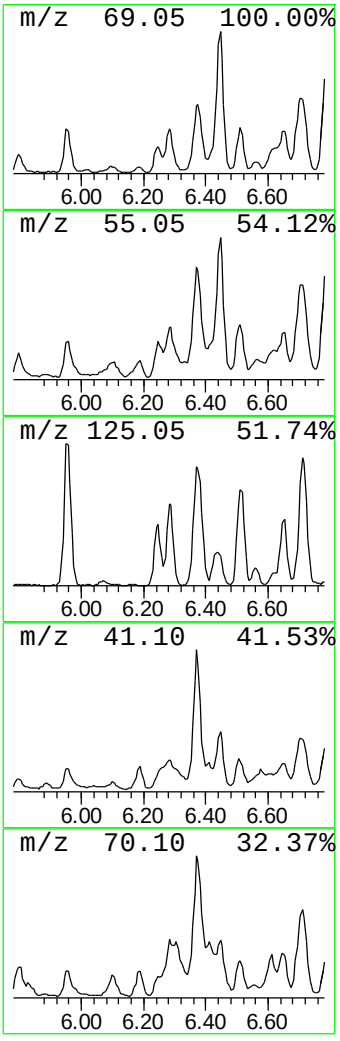
****

Peak Number 2 (DEL) Alkane: Cyclic6.28 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	3.26 ng/ul	709021	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	59
2	2-Cyclohexen-1-ol, 3,5,5-trimethyl-	140	C9H16O	000470-99-5	53
3	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	53
4	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	50
5	4-Octene, 2,3,6,7-tetramethyl-	168	C12H24	063830-66-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

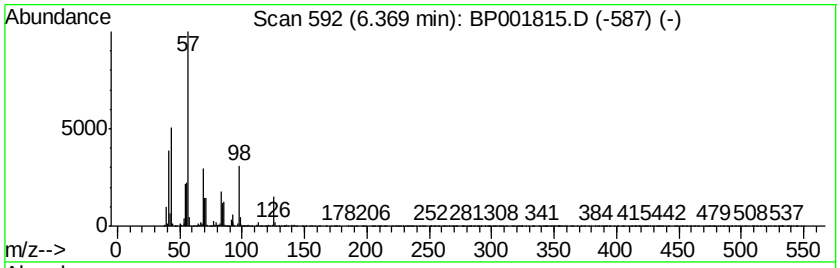
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

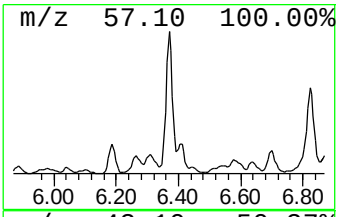
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

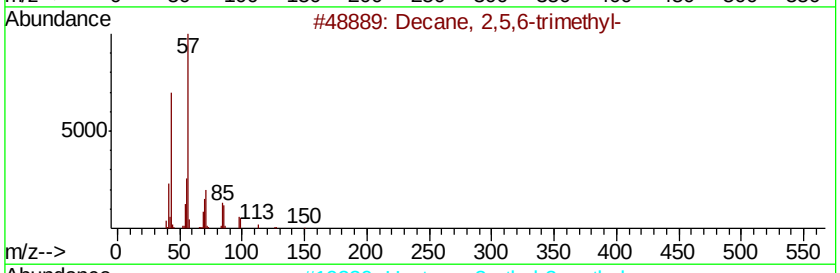
****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 35

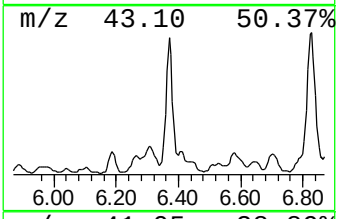
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	5.27 ng/ul	1148020	1,4-Dichlorobenzene-d4	7.66

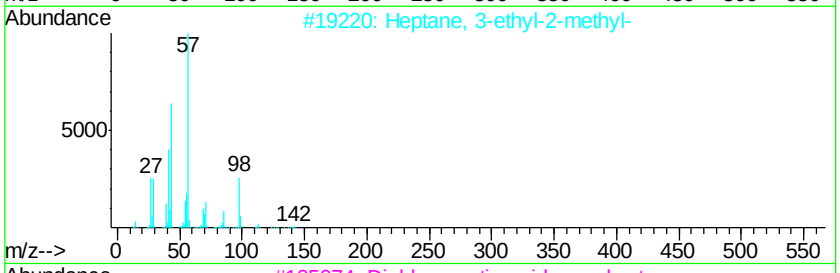
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	52
3	Dichloroacetic acid, nonyl ester	254	C11H20Cl2O2	083004-99-3	50
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47

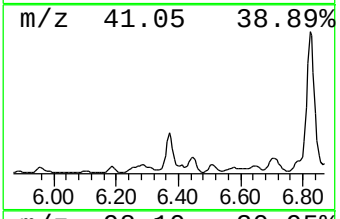


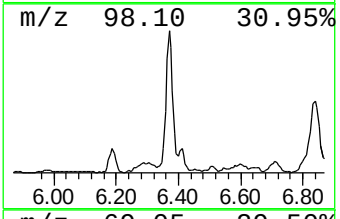


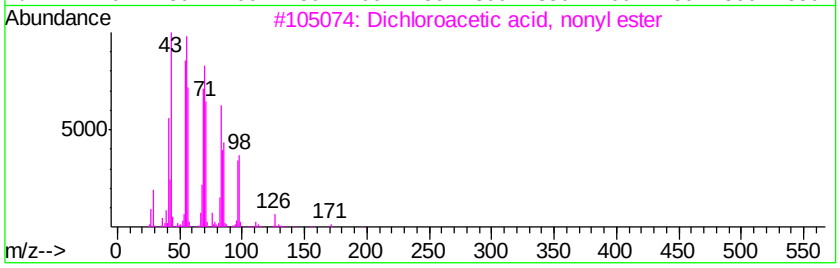


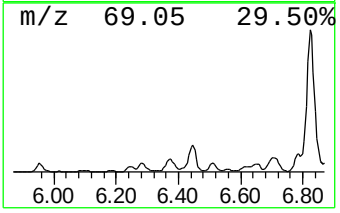












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001815.D
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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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

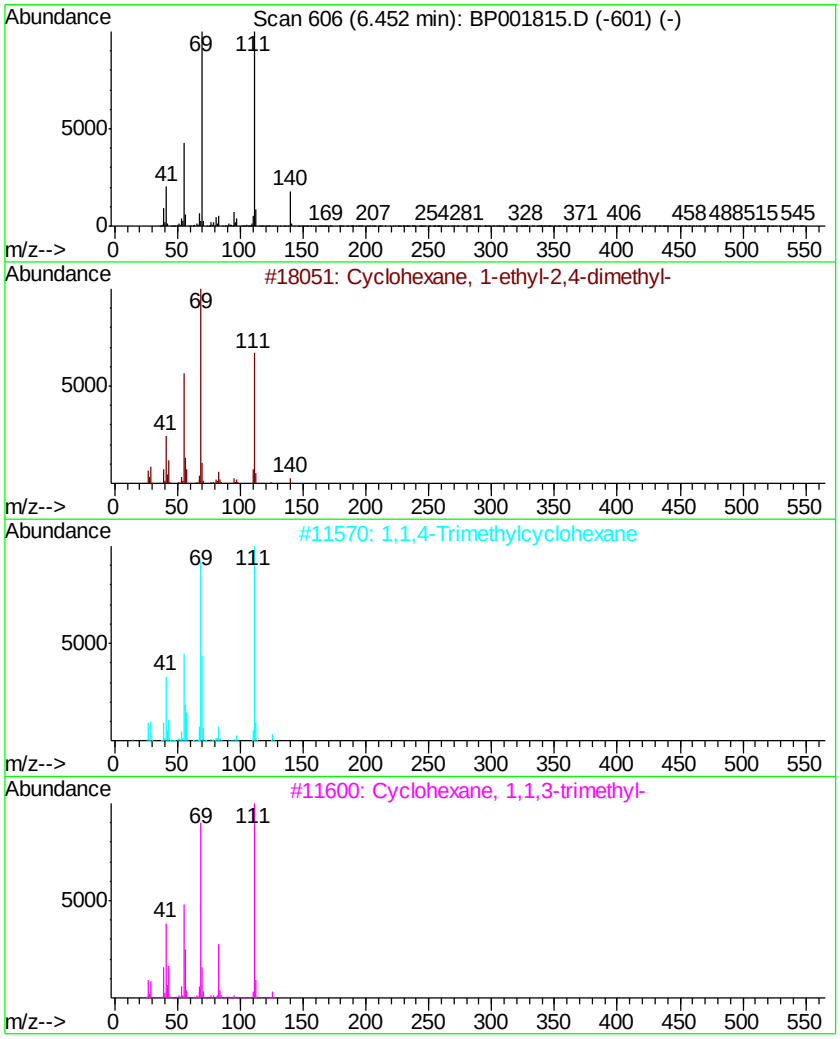
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

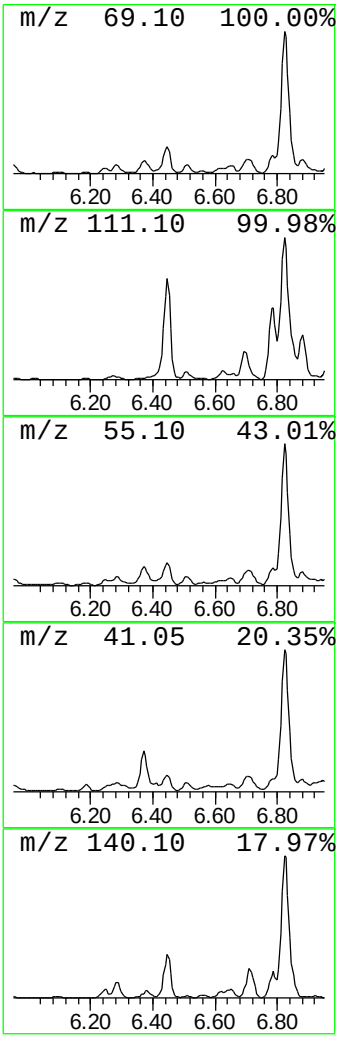
****

Peak Number 4 (DEL) Alkane: Cyclic6.45 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	2.69 ng/ul	585578	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	78
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	78
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	78
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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

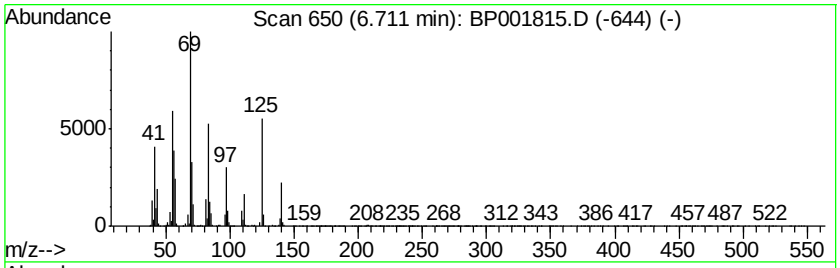
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

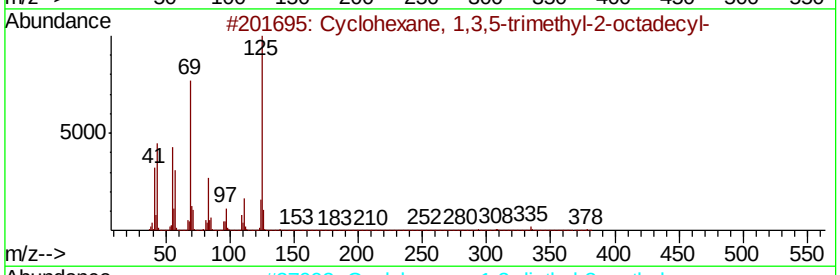
****

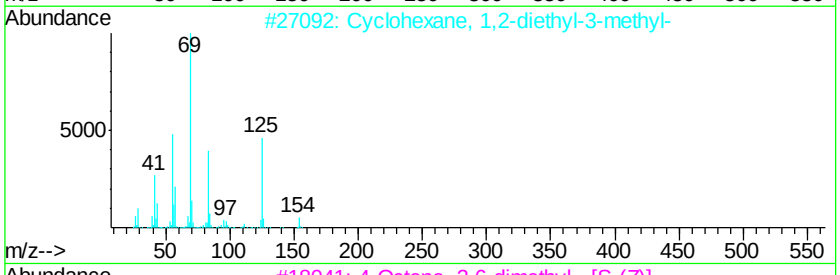
Peak Number 5 (DEL) Alkane: Cyclic6.71 Concentration Rank 45

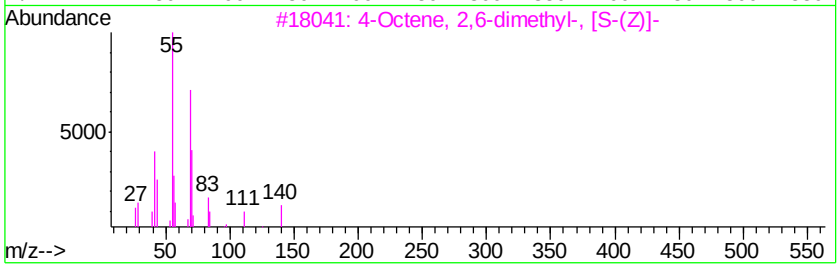
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	3.35 ng/ul	730085	1,4-Dichlorobenzene-d4	7.66

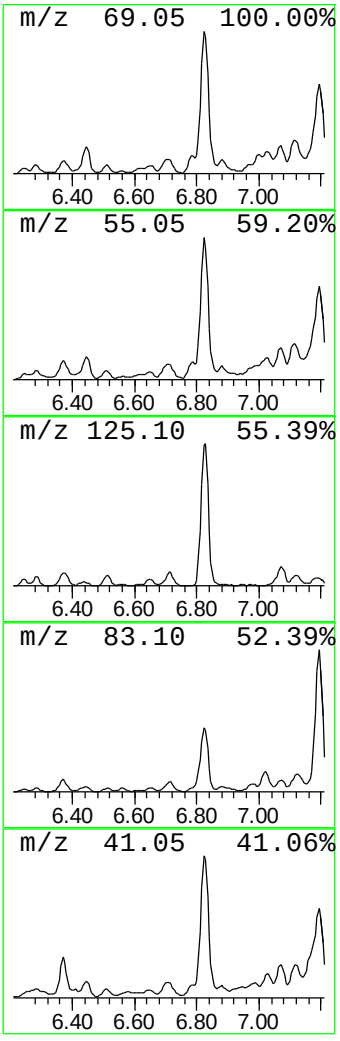
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	58
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	53
3	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	52
4	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	50
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	50











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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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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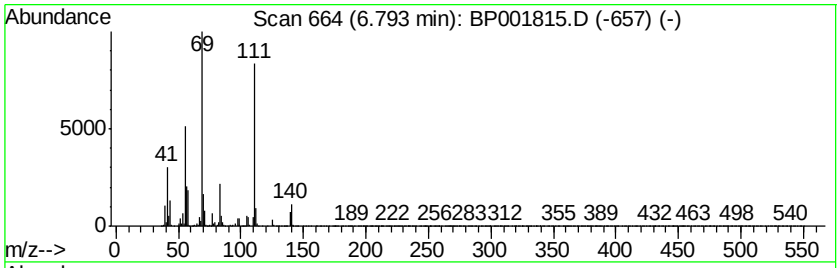
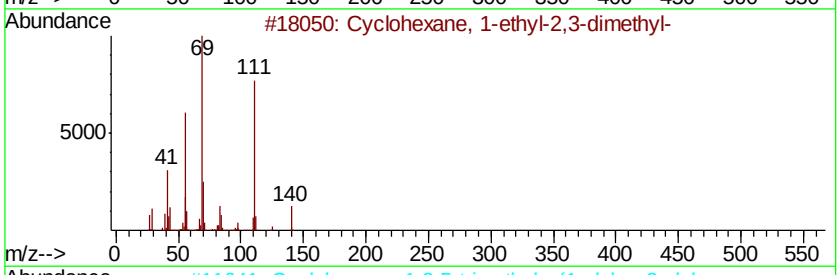
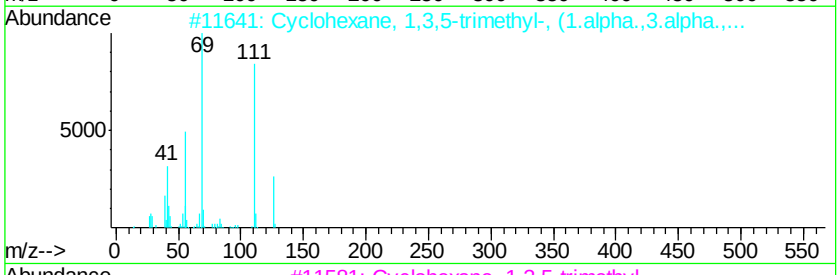
Peak Number 6 (DEL) Alkane: Cyclic6.79 Concentration Rank 53

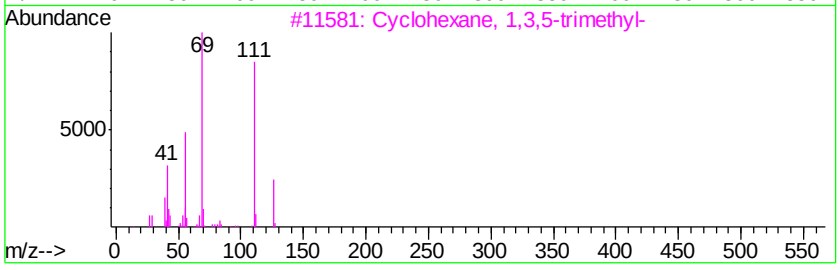
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.04 ng/ul	443750	1,4-Dichlorobenzene-d4	7.66

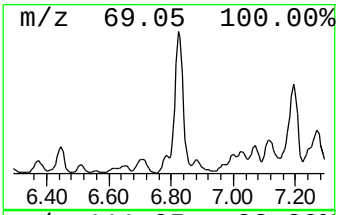
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	86
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
4	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	72
5	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	72

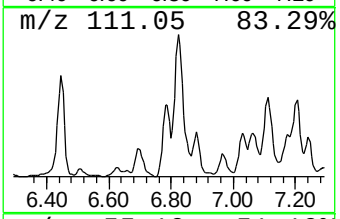


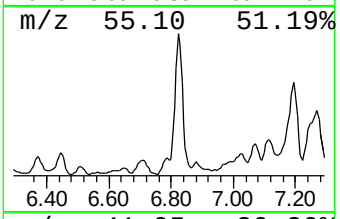


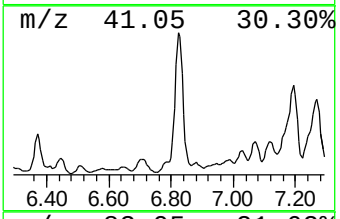


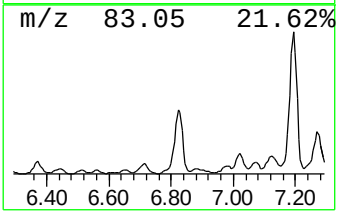












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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

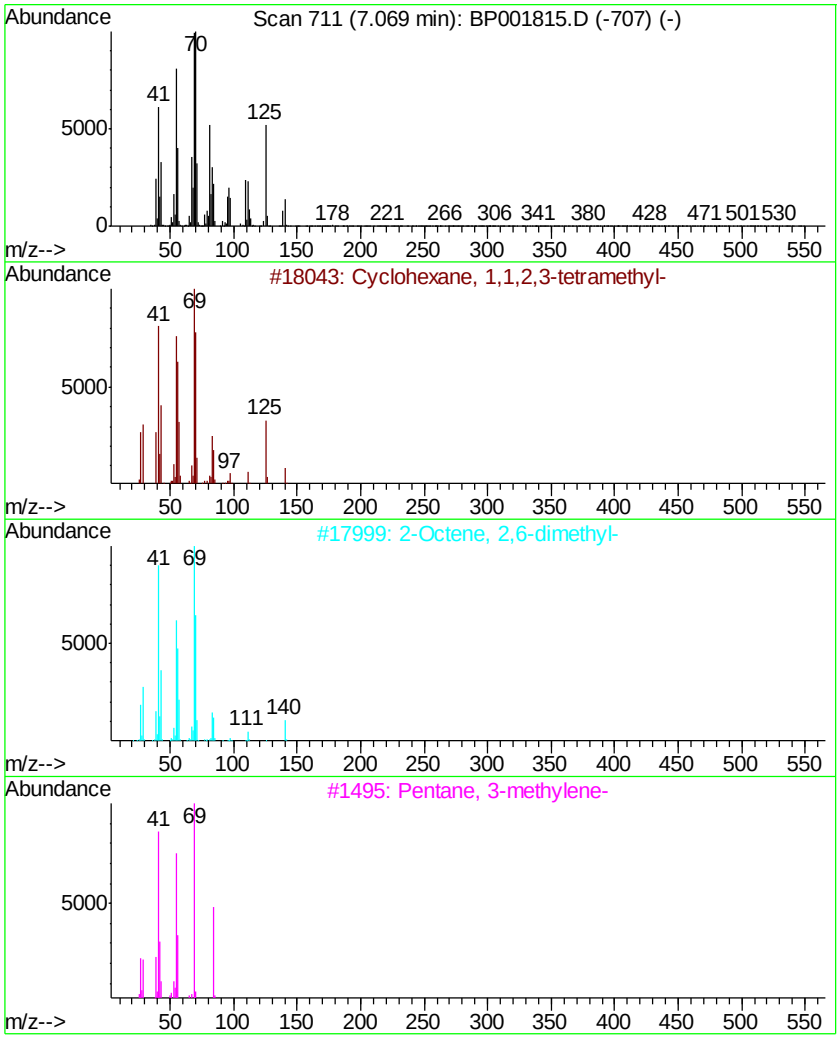
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

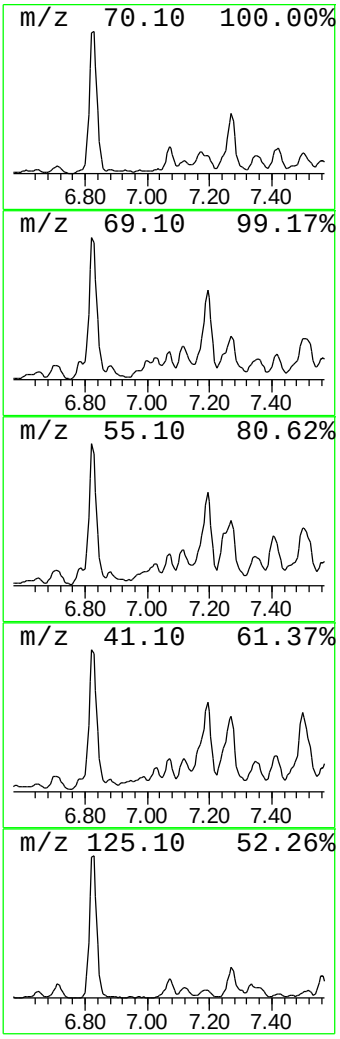
****

Peak Number 7 (DEL) Alkane: Cyclic7.07 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	3.12 ng/ul	679729	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	52
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	30
4	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	27
5	2-Octene, 3,7-dimethyl-, (Z)-	140	C10H20	006874-32-4	25





Library Search Compound Report

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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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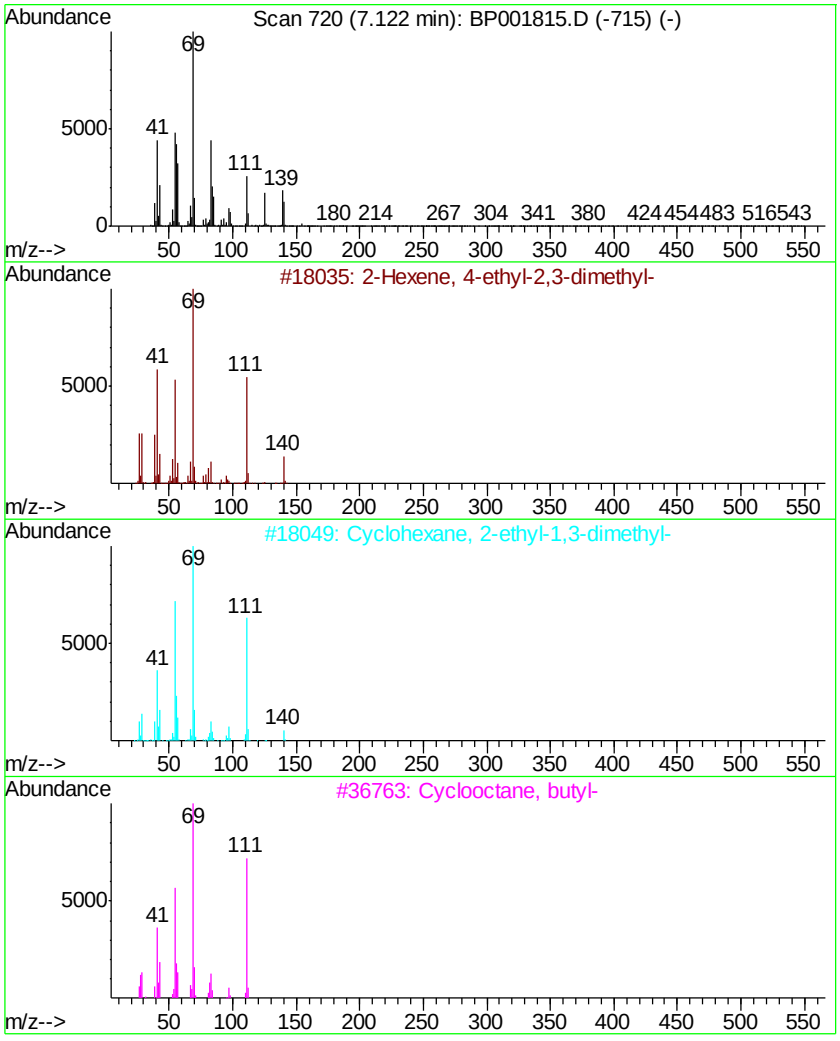
Quant Title : SVOA CALIBRATION

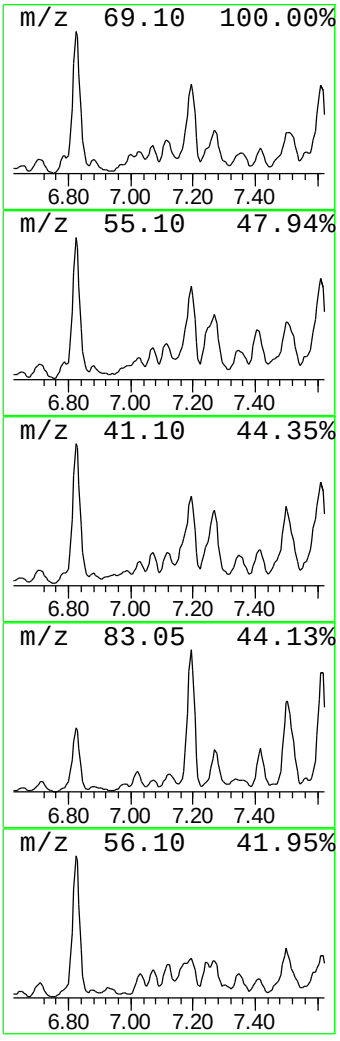
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	3.71 ng/ul	808654	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	58
2	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	53
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	50
4	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	50
5	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	49





Library Search Compound Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

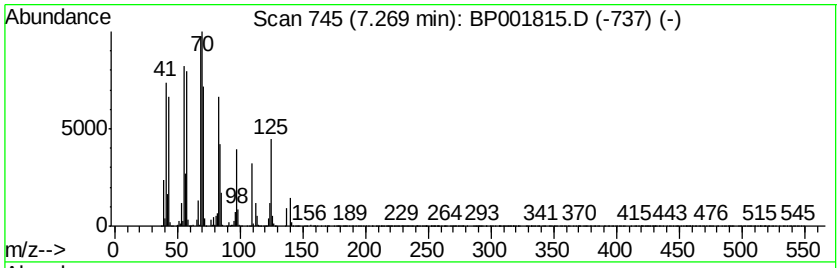
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

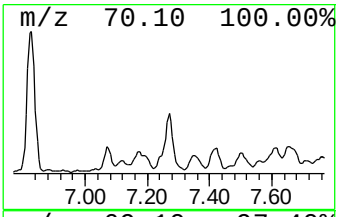
****

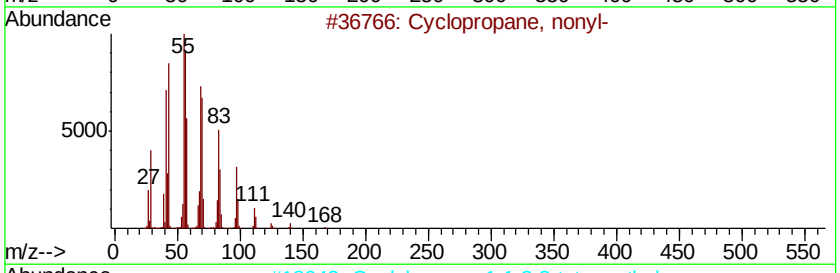
Peak Number 9 (DEL) Alkane: Cyclic7.27 Concentration Rank 17

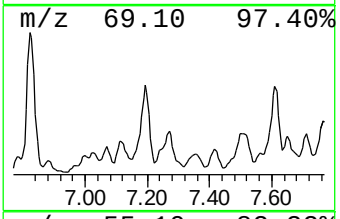
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	16.27 ng/ul	3543380	1,4-Dichlorobenzene-d4	7.66

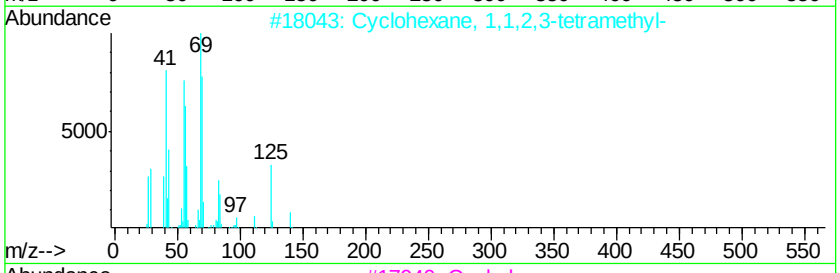
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, nonyl-	168	C12H24	074663-85-7	58
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	53
3	Cyclodecane	140	C10H20	000293-96-9	43
4	Acetic acid, trifluoro-, 3-methy...	184	C7H11F3O2	000327-69-5	38
5	4-Isopropylcyclohexanone	140	C9H16O	005432-85-9	30

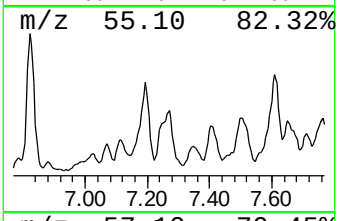


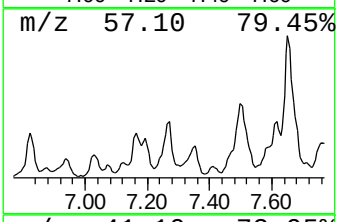


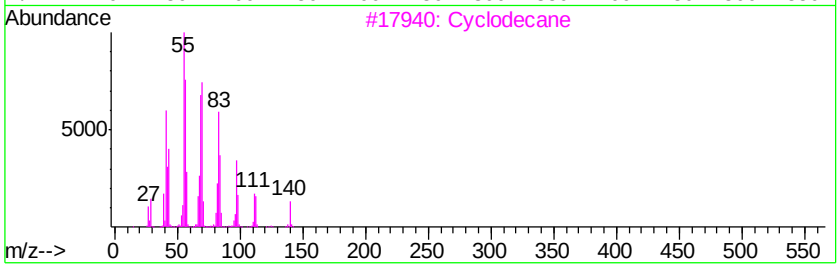


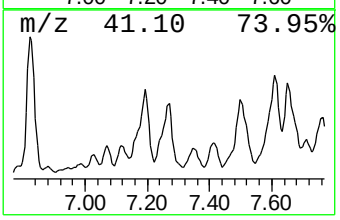












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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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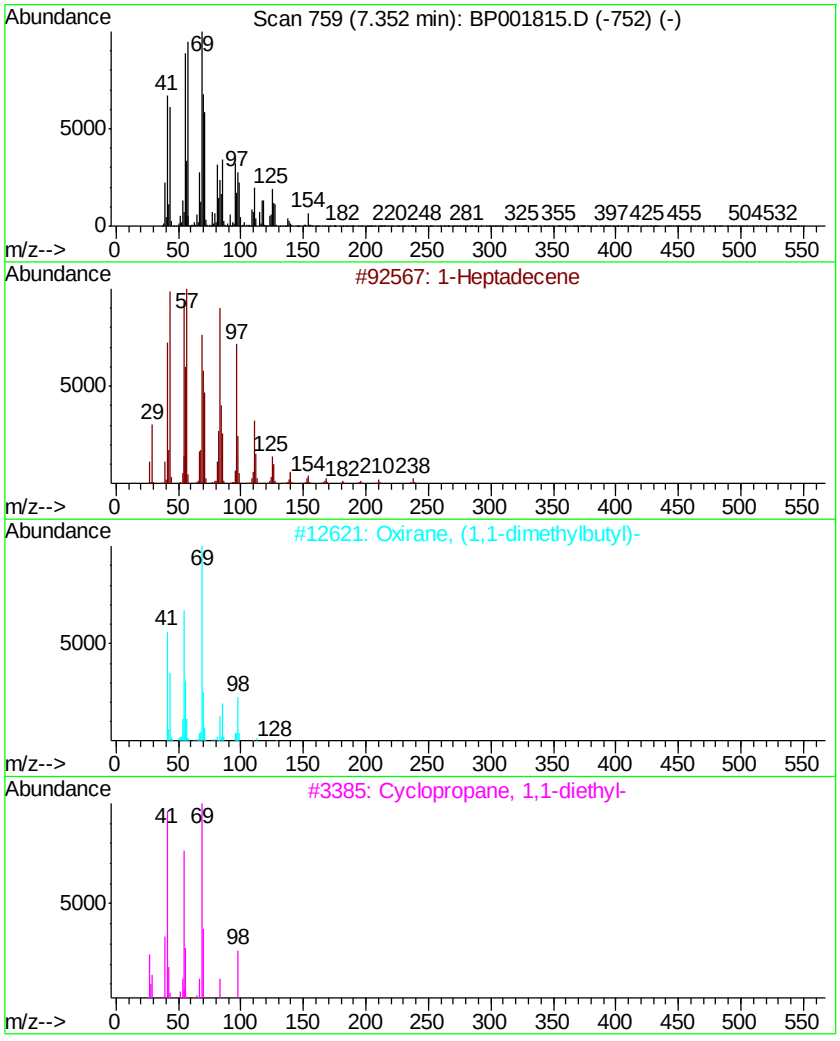
Quant Title : SVOA CALIBRATION

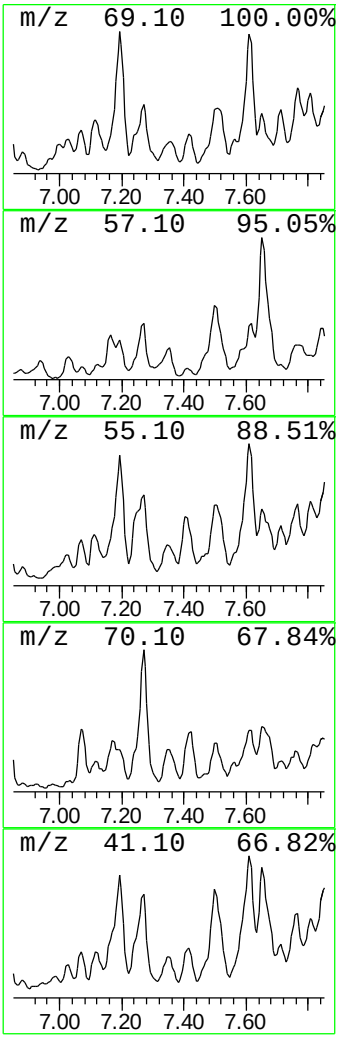
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	4.83 ng/ul	1050860	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	53
2	Oxirane, (1,1-dimethylbutyl)-	128	C8H16O	053907-76-9	43
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	35
5	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	30





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Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

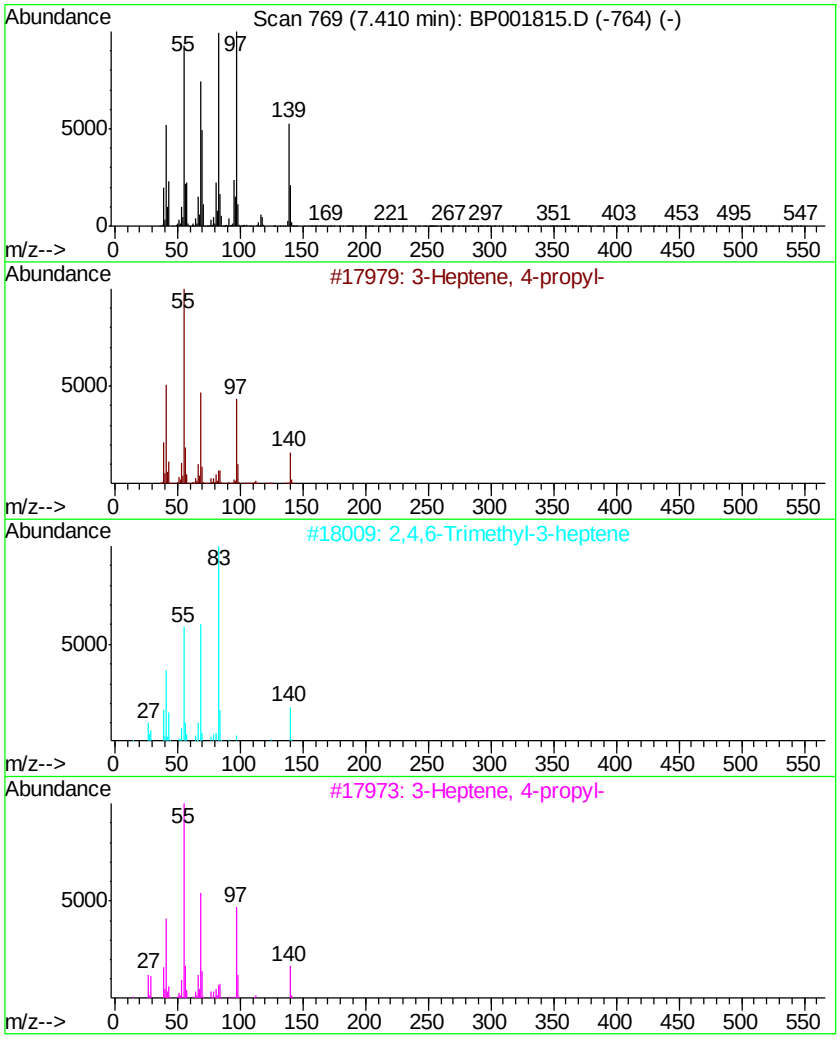
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

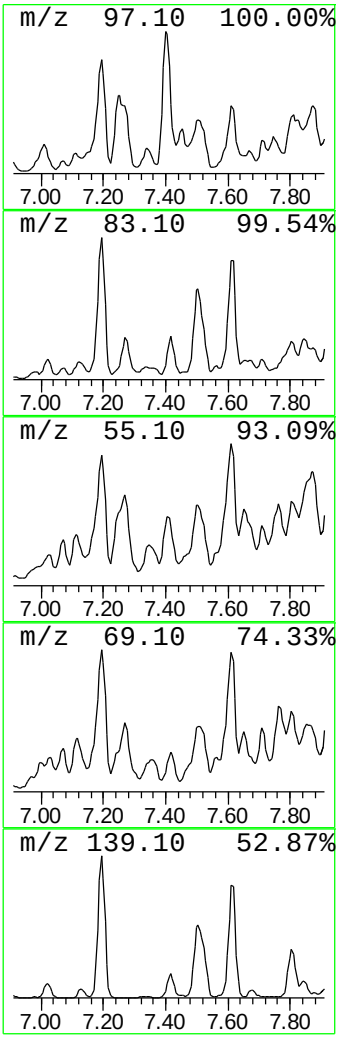
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	5.00 ng/ul	1088840	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	45
2	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	43
3	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	38
4	trans-3-Decene	140	C10H20	019150-21-1	38
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	38





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ALS Vial : 20 Sample Multiplier: 1

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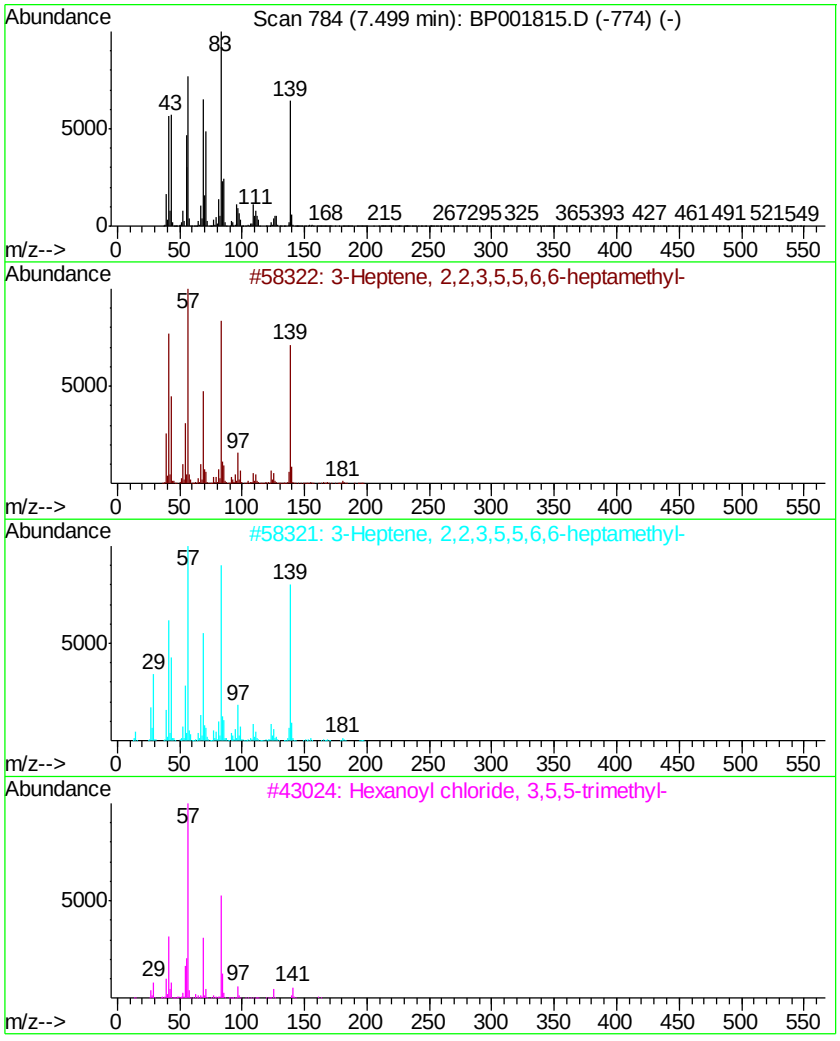
Quant Title : SVOA CALIBRATION

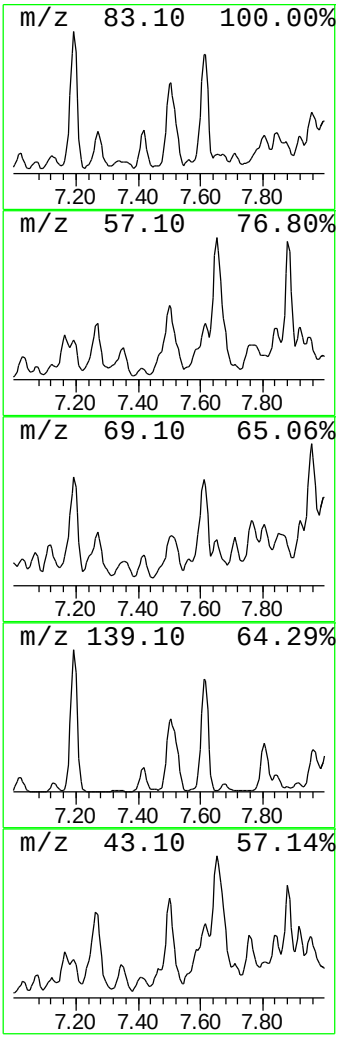
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	18.02 ng/ul	3924190	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,3,5,5,6,6-heptame...	196	C14H28	054845-26-0	58
2	3-Heptene, 2,2,3,5,5,6,6-heptame...	196	C14H28	054845-26-0	58
3	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	43
4	But-3-enyl (E)-2-methylbut-2-enoate	154	C9H14O2	1000373-72-1	22
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	22





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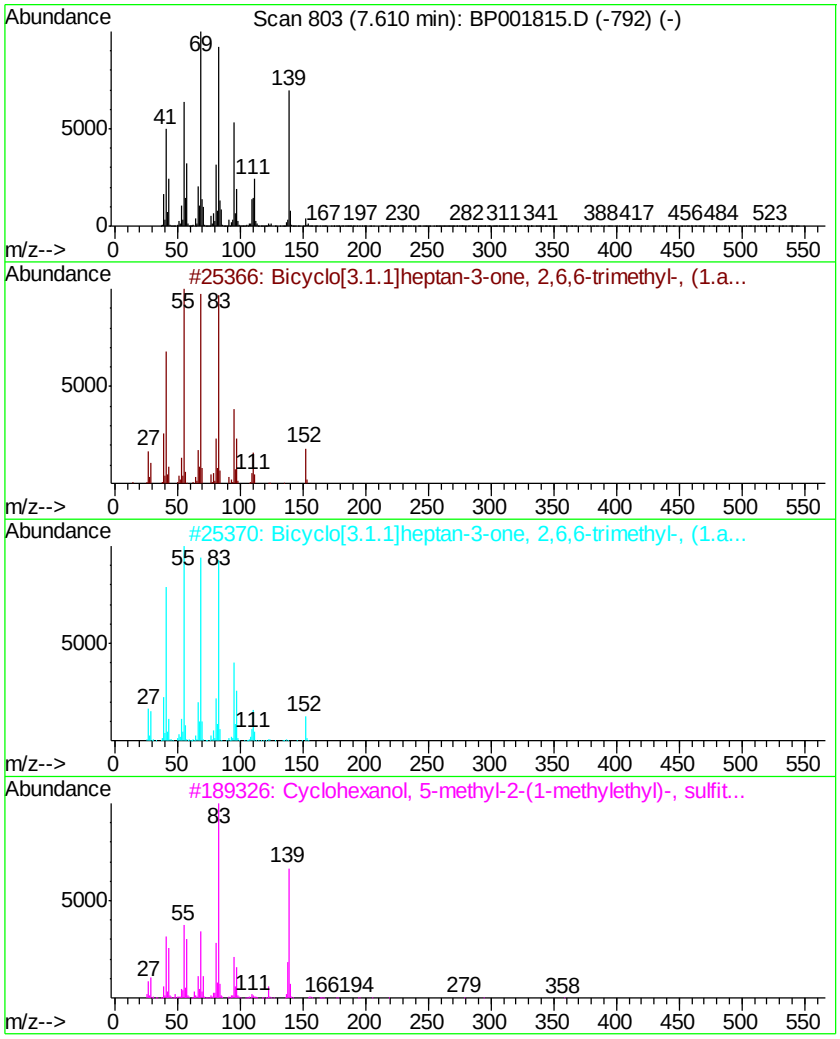
Quant Title : SVOA CALIBRATION

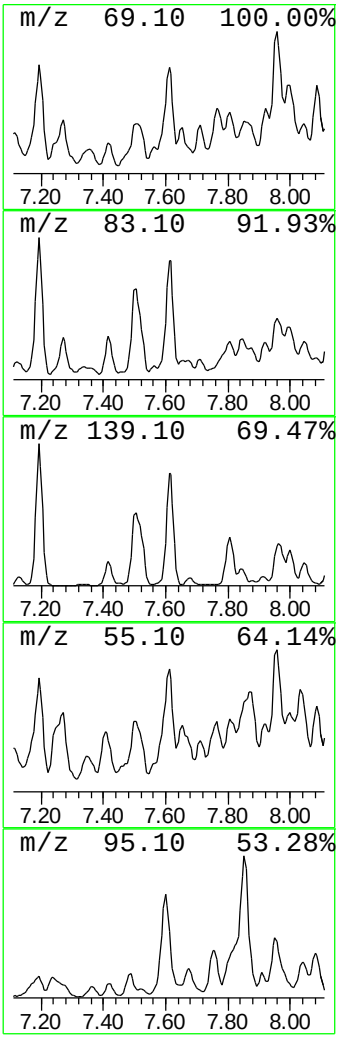
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	26.82 ng/ul	5841670	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	68
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	64
3	Cyclohexanol, 5-methyl-2-(1-meth...	358	C20H38O3S	026510-92-9	55
4	Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	38
5	Oxalic acid, decyl 1-menthyl ester	368	C22H40O4	1000314-97-8	38





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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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

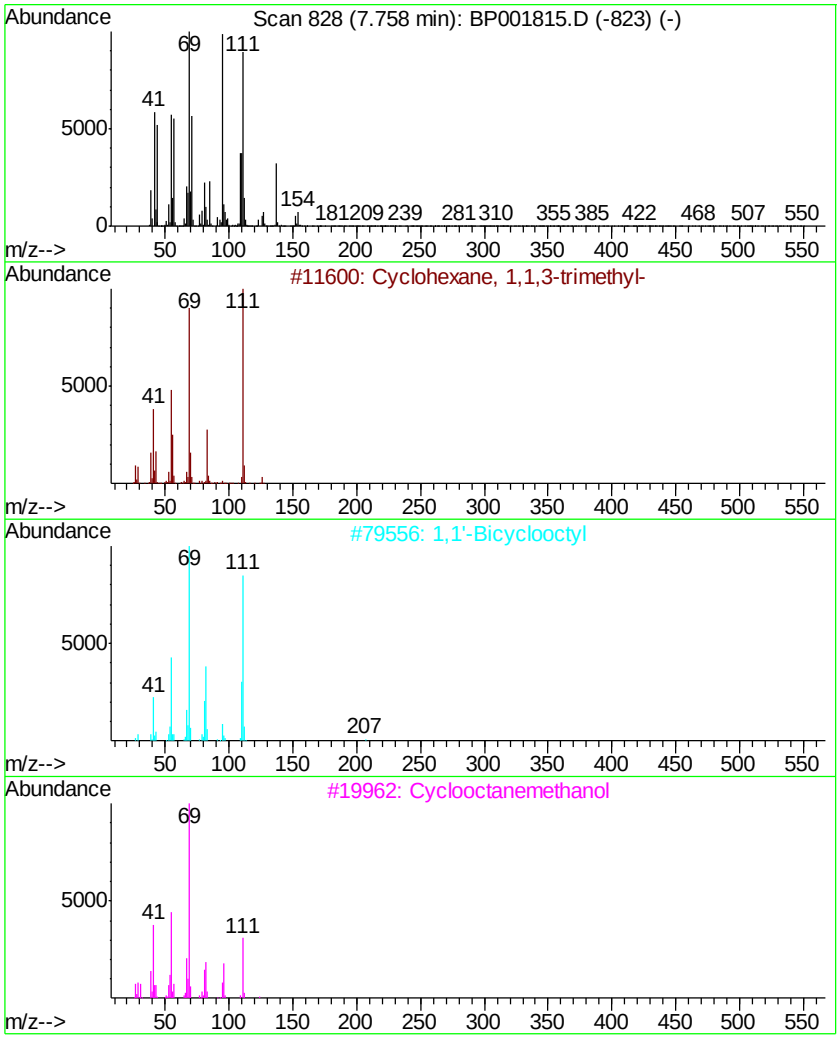
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

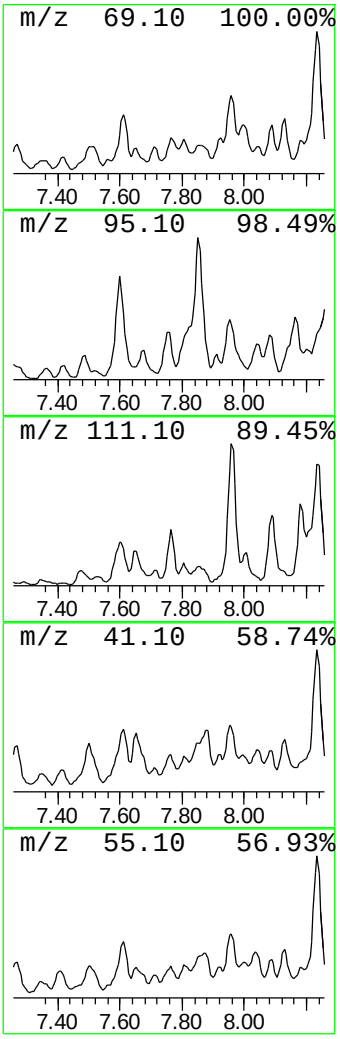
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	8.09 ng/ul	1760860	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	38
3	Cyclooctanemethanol	142	C9H18O	003637-63-6	35
4	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	35
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	35





Library Search Compound Report

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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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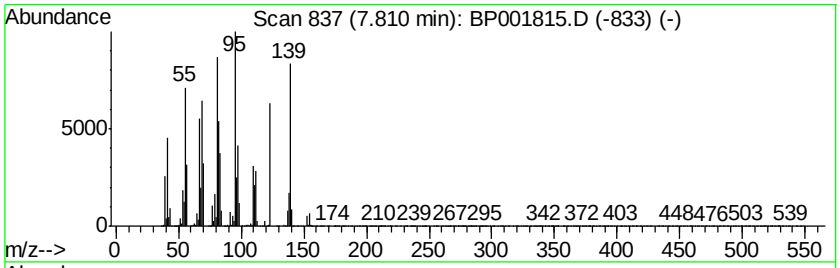
Quant Title : SVOA CALIBRATION

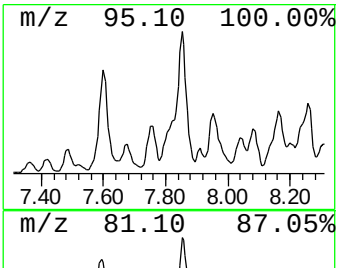
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

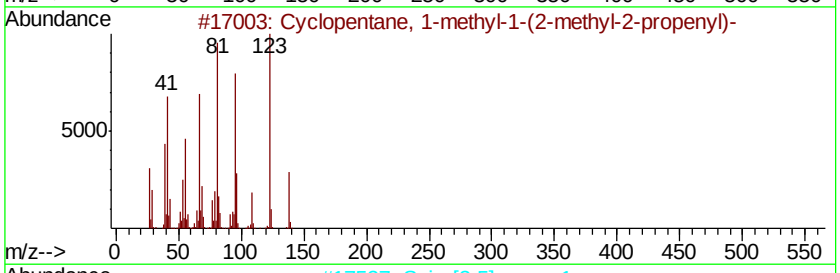
****
Peak Number 15 Cyclopentane, 1-methyl-1-(2... Concentration Rank 34

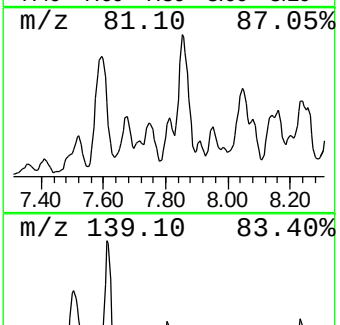
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	5.38 ng/ul	1171440	1,4-Dichlorobenzene-d4	7.66

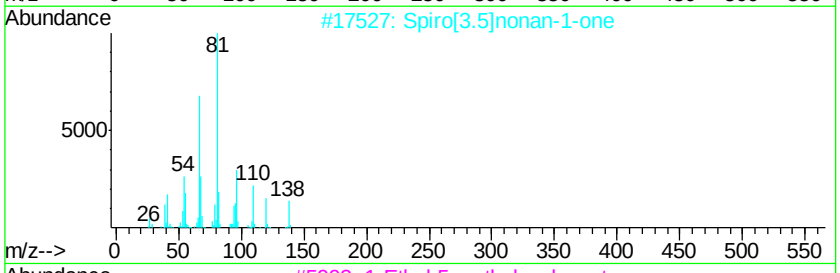
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	55
2	Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	35
3	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	25
4	Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	25
5	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	25

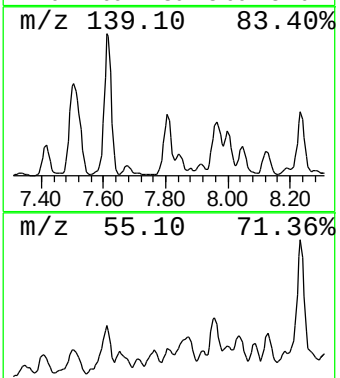


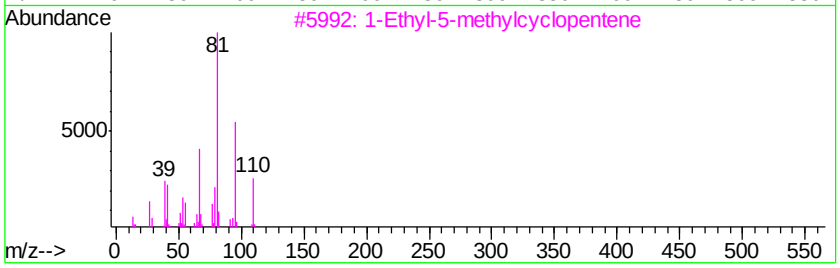


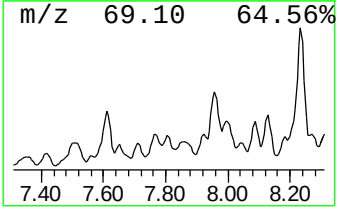












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Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

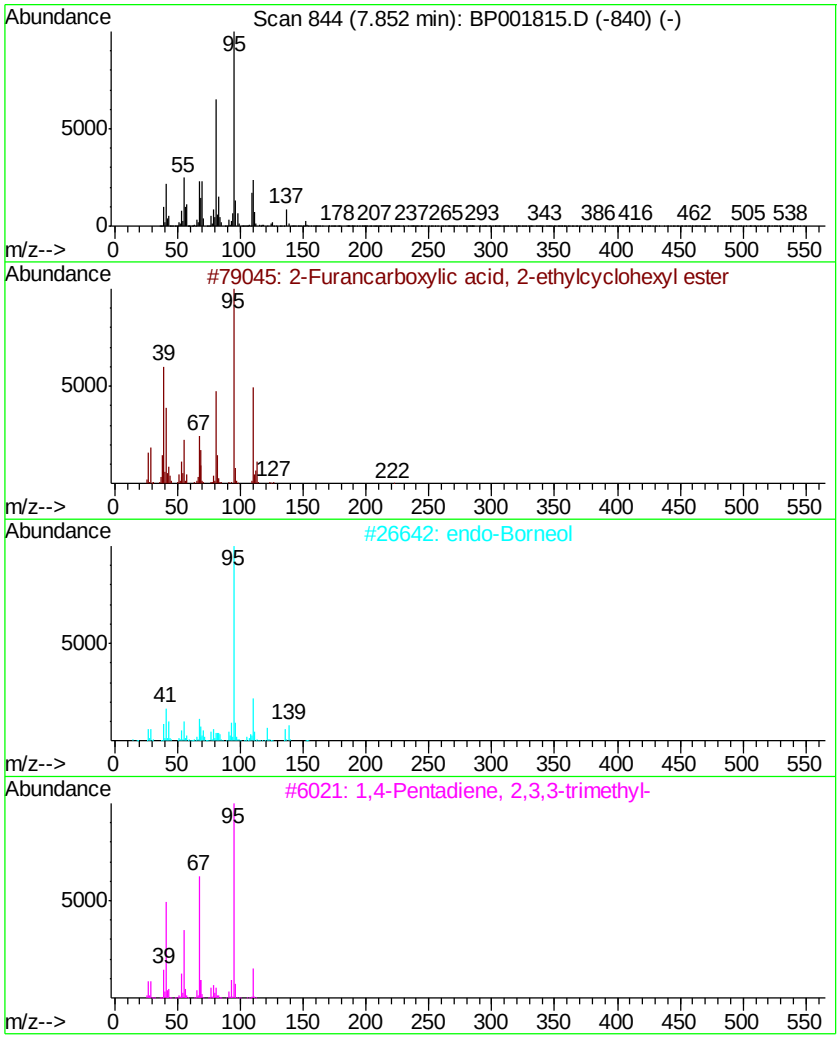
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

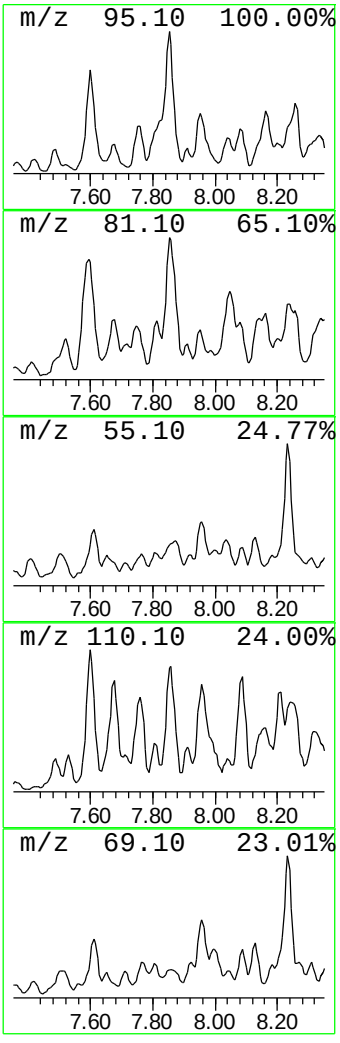
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2-Furancarboxylic acid, 2-e... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	5.60 ng/ul	1219300	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxylic acid, 2-ethylc...	222	C13H18O3	1000278-83-7	72
2	endo-Borneol	154	C10H18O	000507-70-0	64
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
4	6-Hepten-1-ol, 2-methyl-	128	C8H16O	1000132-12-0	59
5	2-Isopropylimidazole	110	C6H10N2	036947-68-9	59





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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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

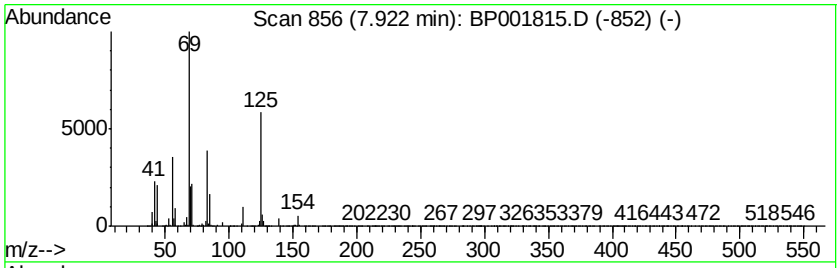
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

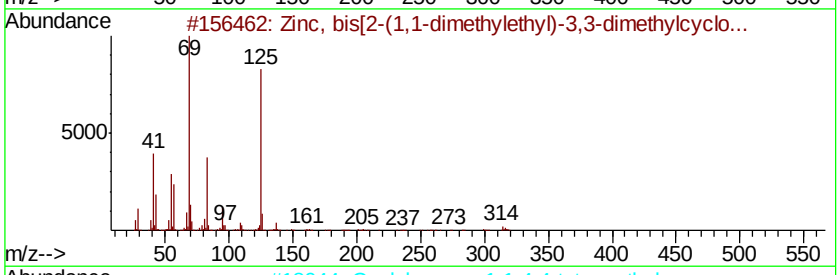
****

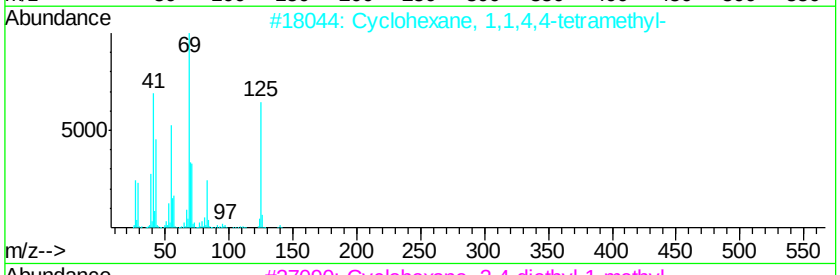
Peak Number 17 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 51

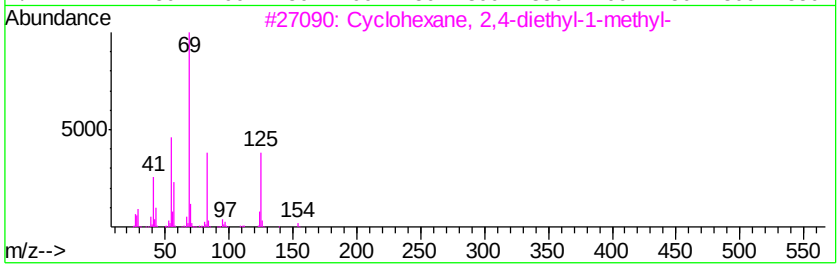
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.57 ng/ul	559645	1,4-Dichlorobenzene-d4	7.66

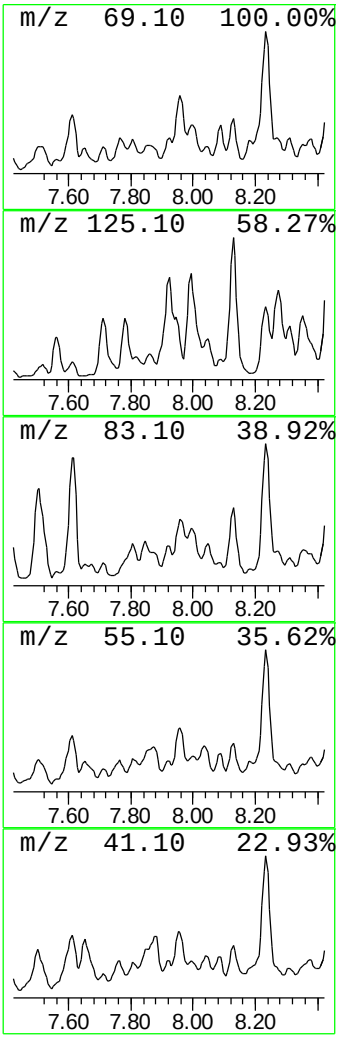
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	62
2	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	53
3	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	53
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	50
5	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	42











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Acq On : 20 Feb 2020 22:22
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Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

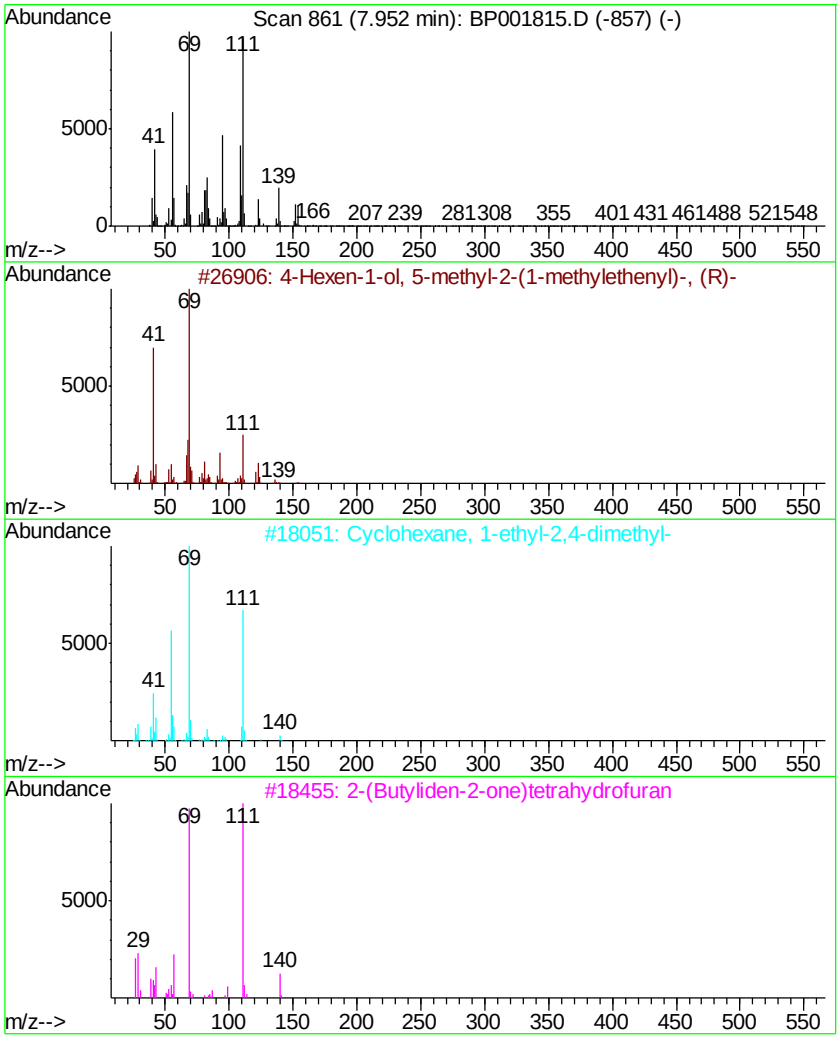
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

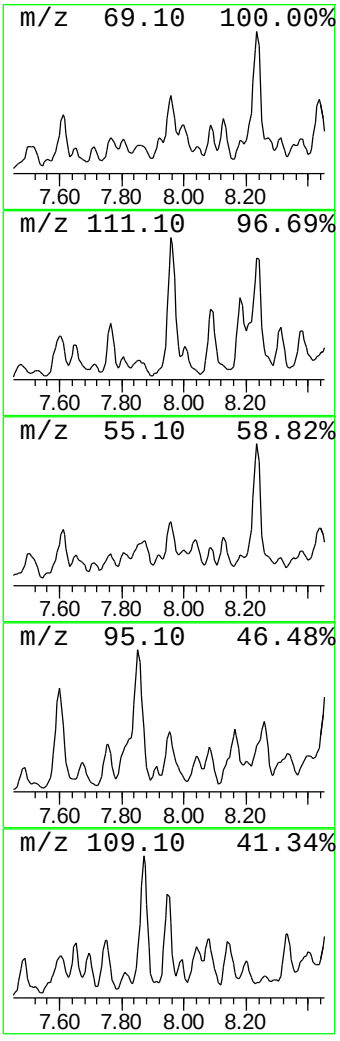
****

Peak Number 18 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	12.09 ng/ul	2632530	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexen-1-ol, 5-methyl-2-(1-meth...	154	C10H18O	000498-16-8	47
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	43
3	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	43
4	1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	43
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	43





Library Search Compound Report

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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

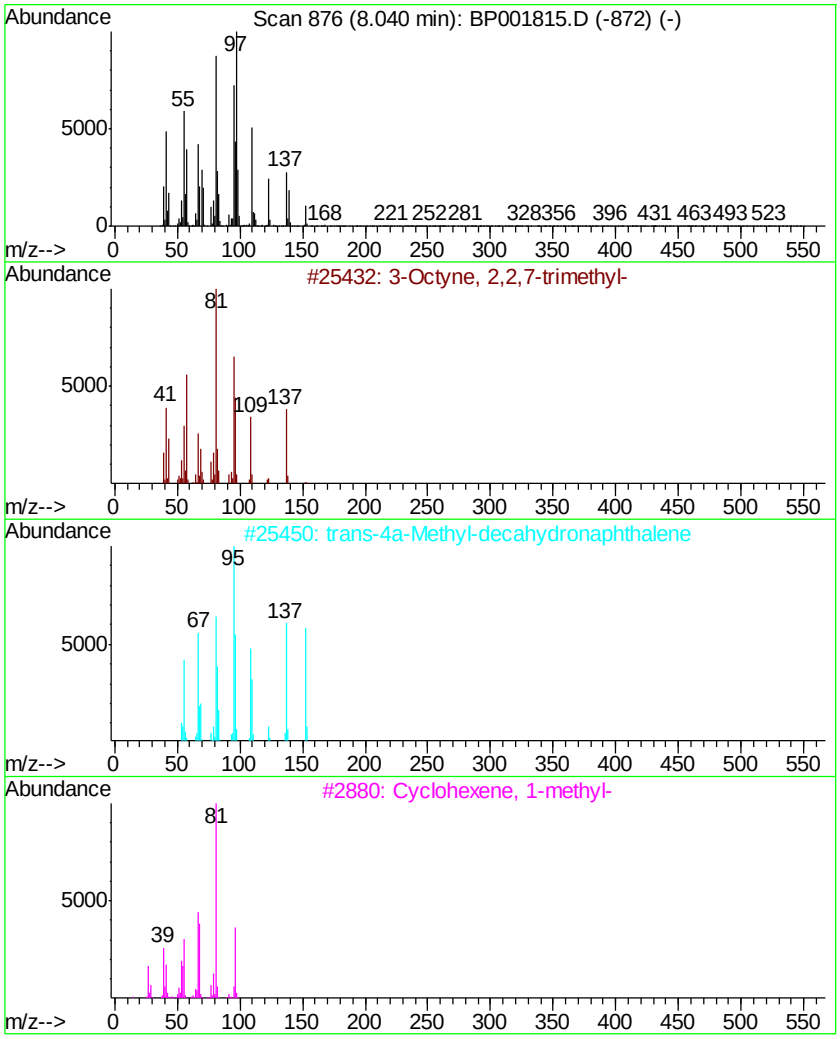
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

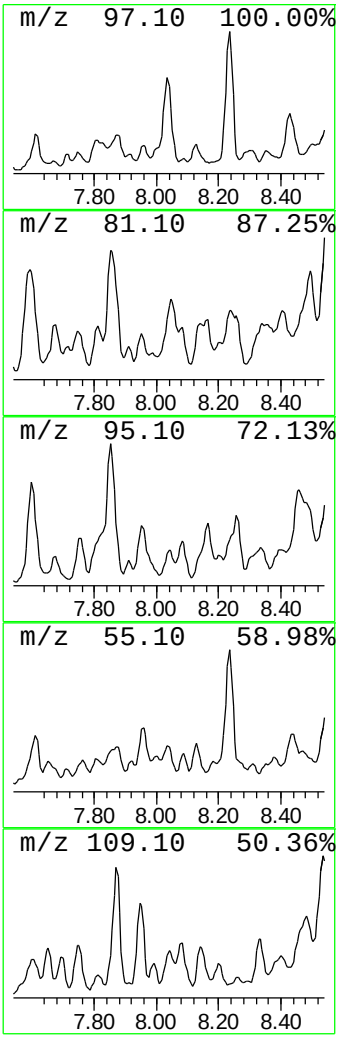
****

Peak Number 19 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	5.06 ng/ul	1101020	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	47
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	41
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	30
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	30
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	30





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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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

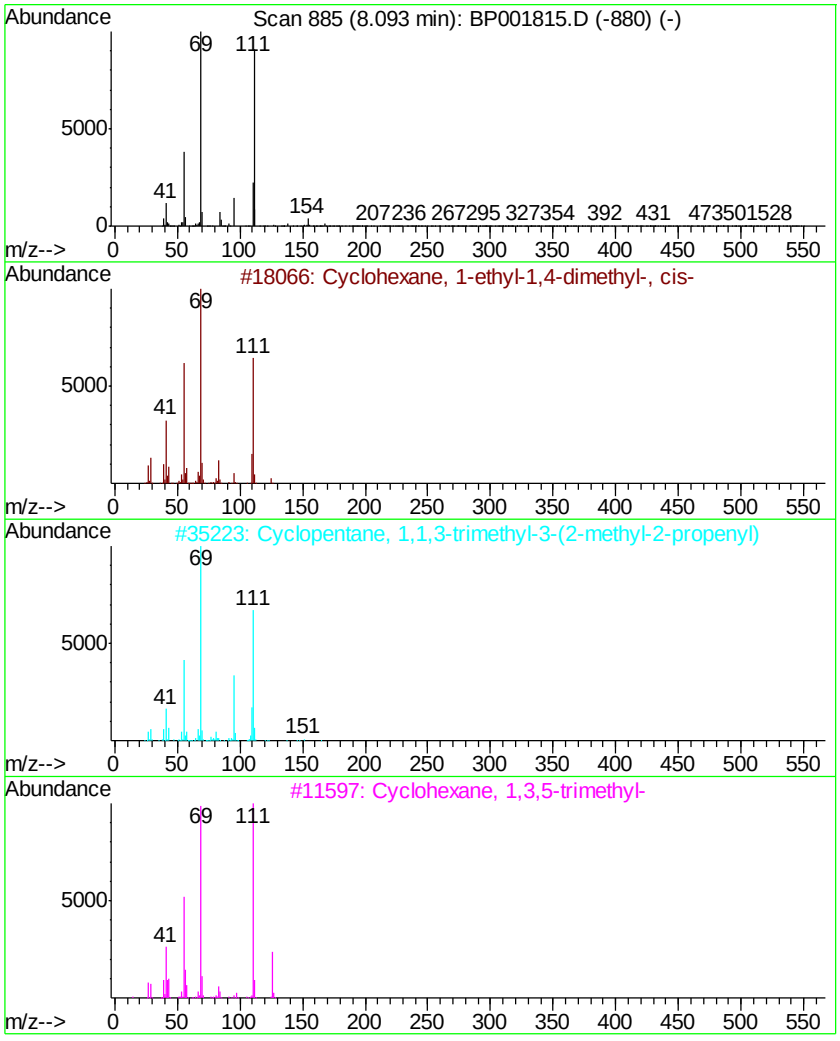
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

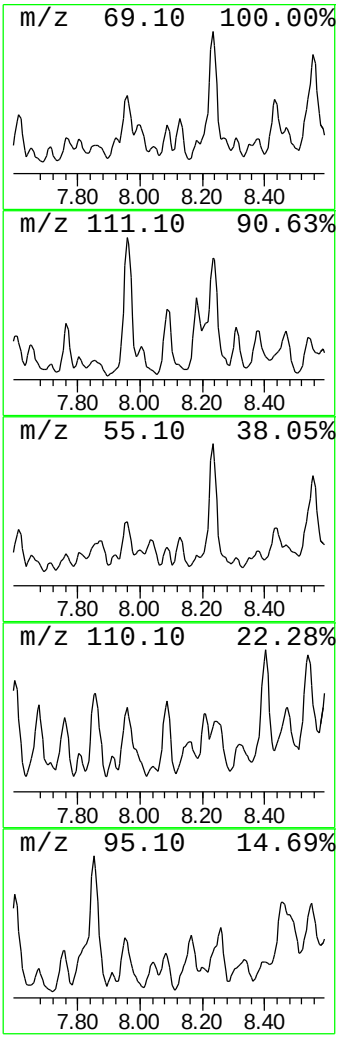
****

Peak Number 20 (DEL) Alkane: Cyclic8.09 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	5.94 ng/ul	1294120	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	72
2	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	72
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59





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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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

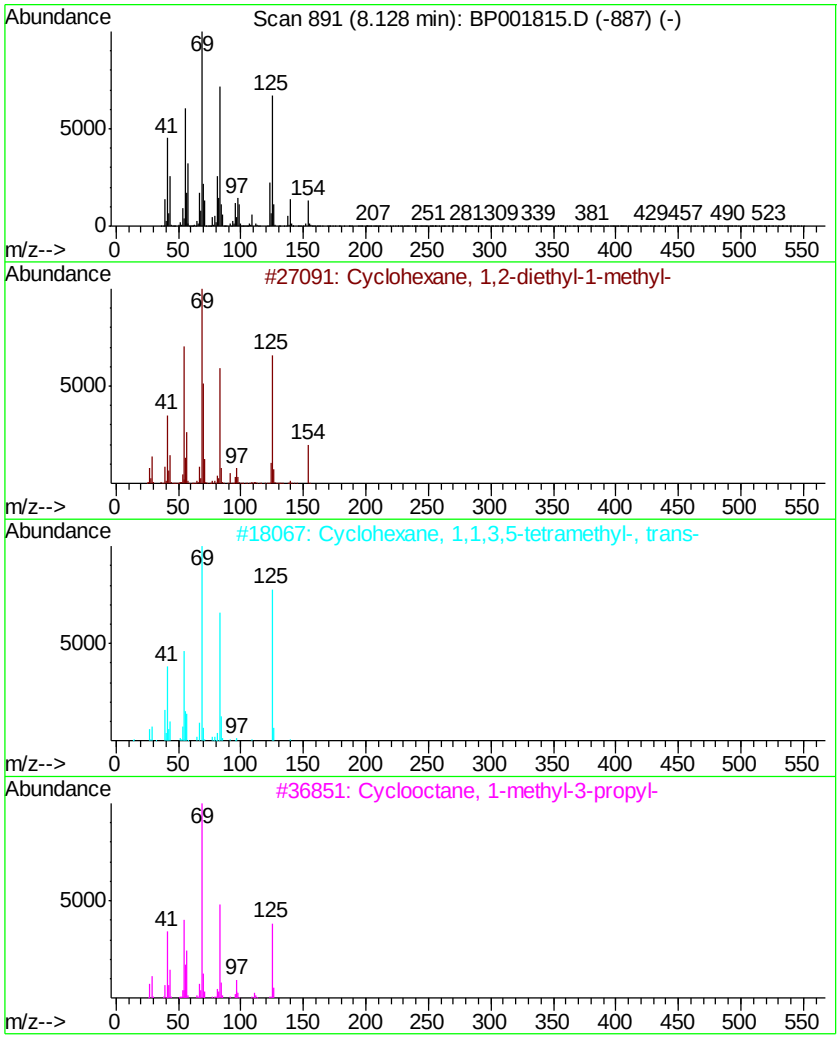
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

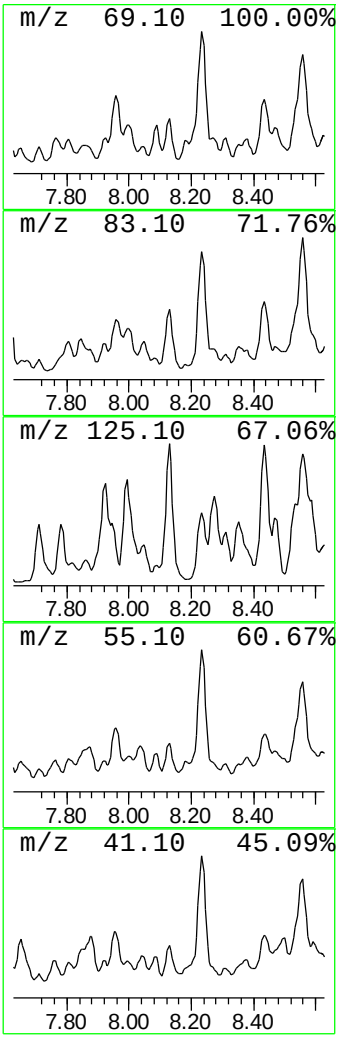
****

Peak Number 21 (DEL) Alkane: Cyclic8.13 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	9.93 ng/ul	2161580	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	72
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	70
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	64
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	62
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	49





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Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

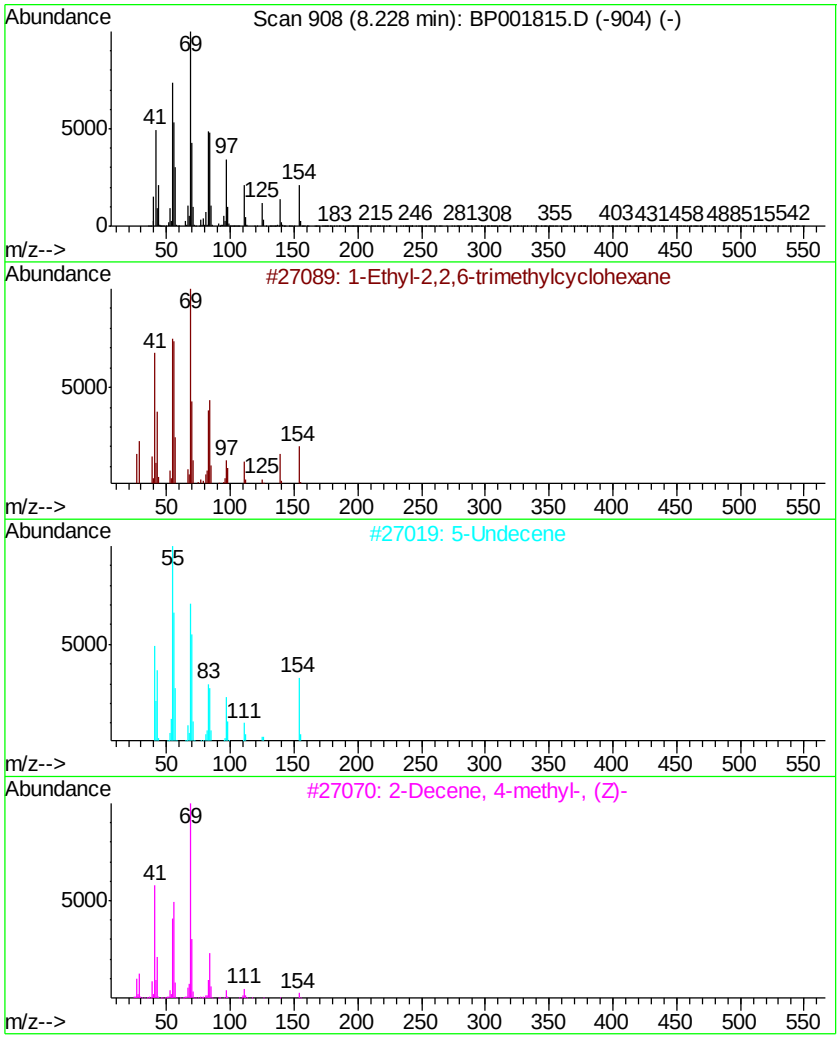
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

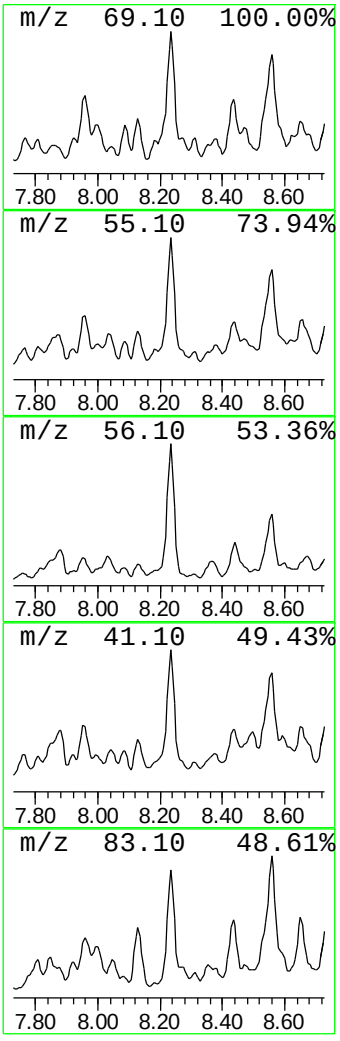
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	36.42 ng/ul	7931460	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	64
2	5-Undecene	154	C11H22	004941-53-1	64
3	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	59
4	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	53
5	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	49





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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

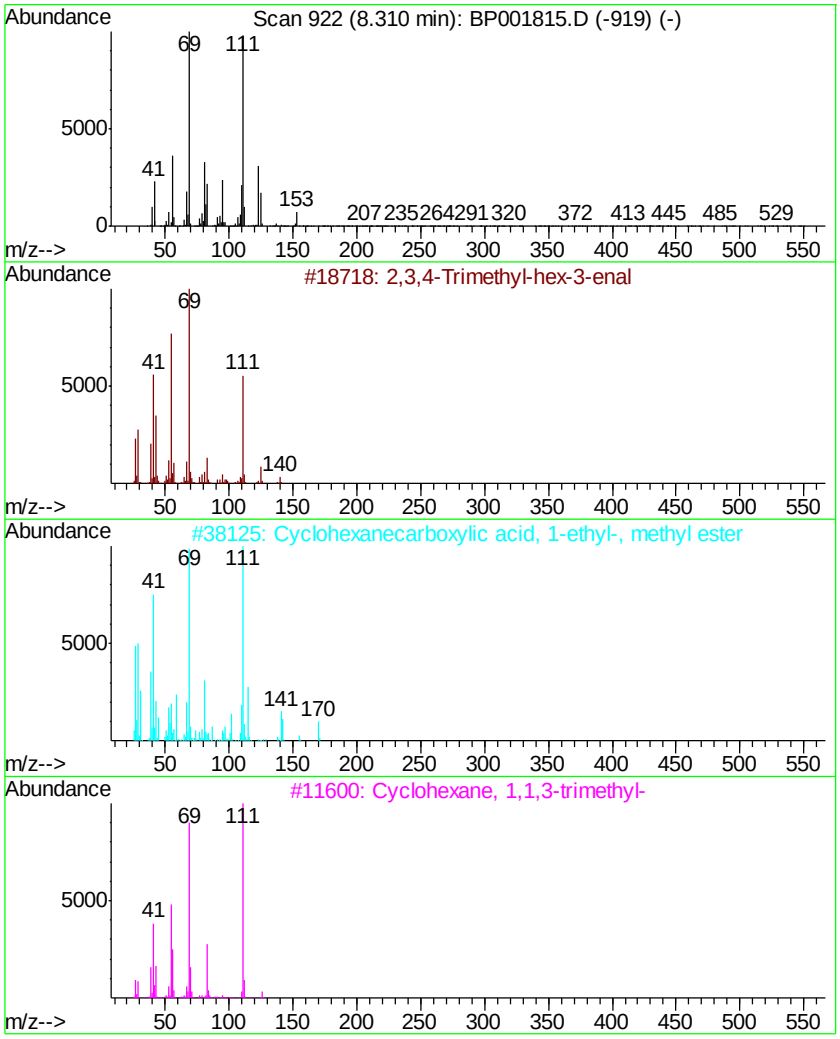
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

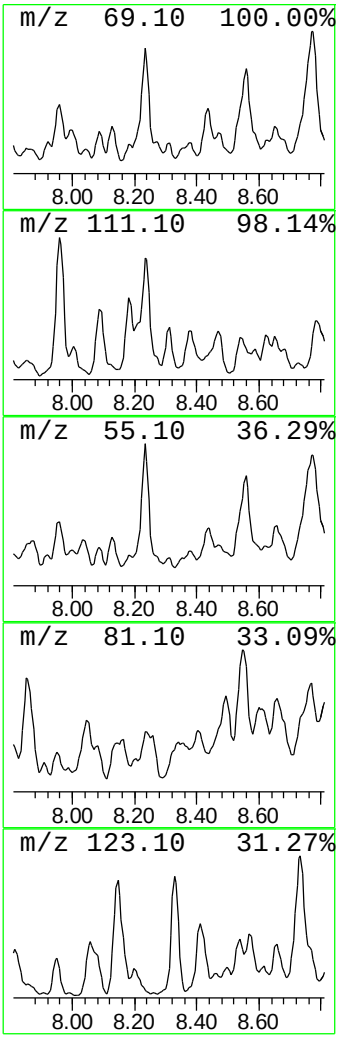
****

Peak Number 23 2,3,4-Trimethyl-hex-3-enal Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	2.53 ng/ul	550060	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	59
2	Cyclohexanecarboxylic acid, 1-et...	170	C10H18O2	004630-81-3	53
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
4	1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	45
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	45





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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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

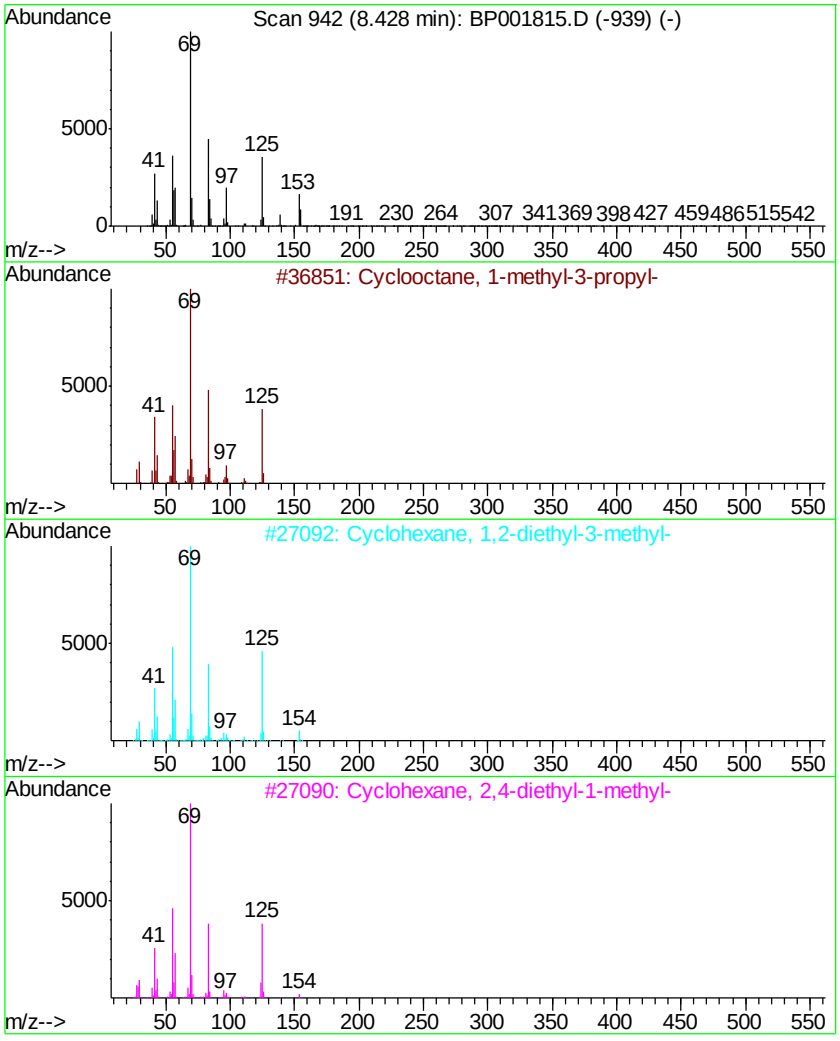
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

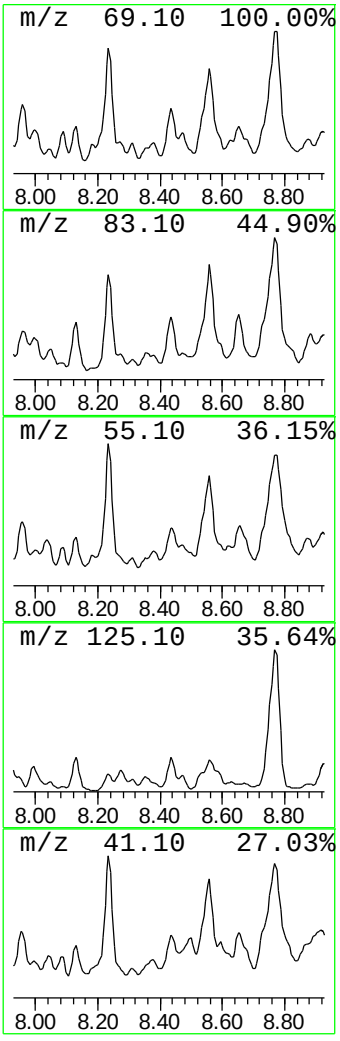
****

Peak Number 24 (DEL) Alkane: Cyclic8.43 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	8.74 ng/ul	1902460	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	64
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	53
3	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	45
4	Citronellal	154	C10H18O	000106-23-0	43
5	1-Isopropyl-1,4,5-trimethylcyclo...	168	C12H24	219783-06-9	42





Library Search Compound Report

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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

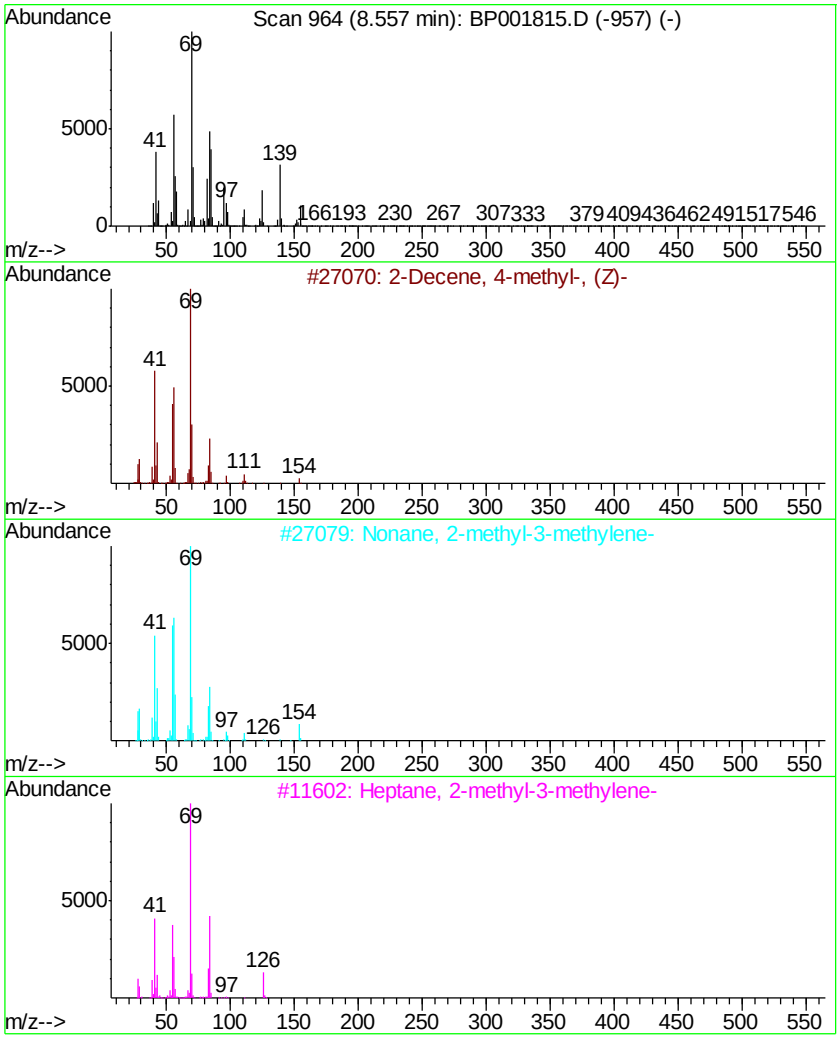
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

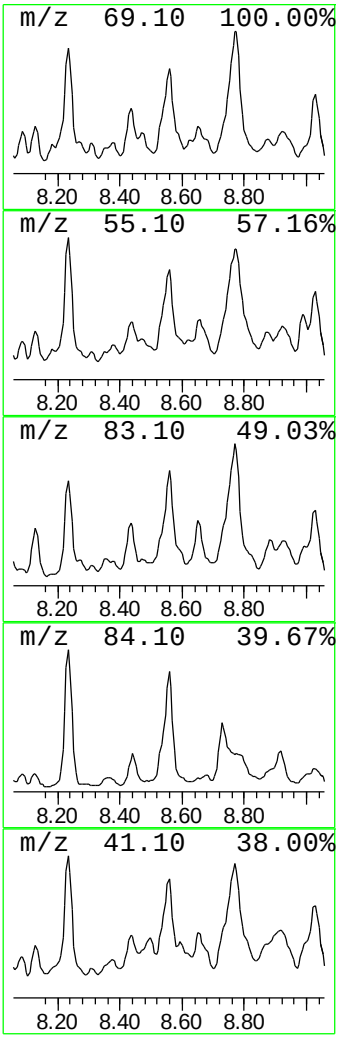
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	28.90 ng/ul	6293990	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	49
2	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49
3	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	47
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	43





Library Search Compound Report

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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

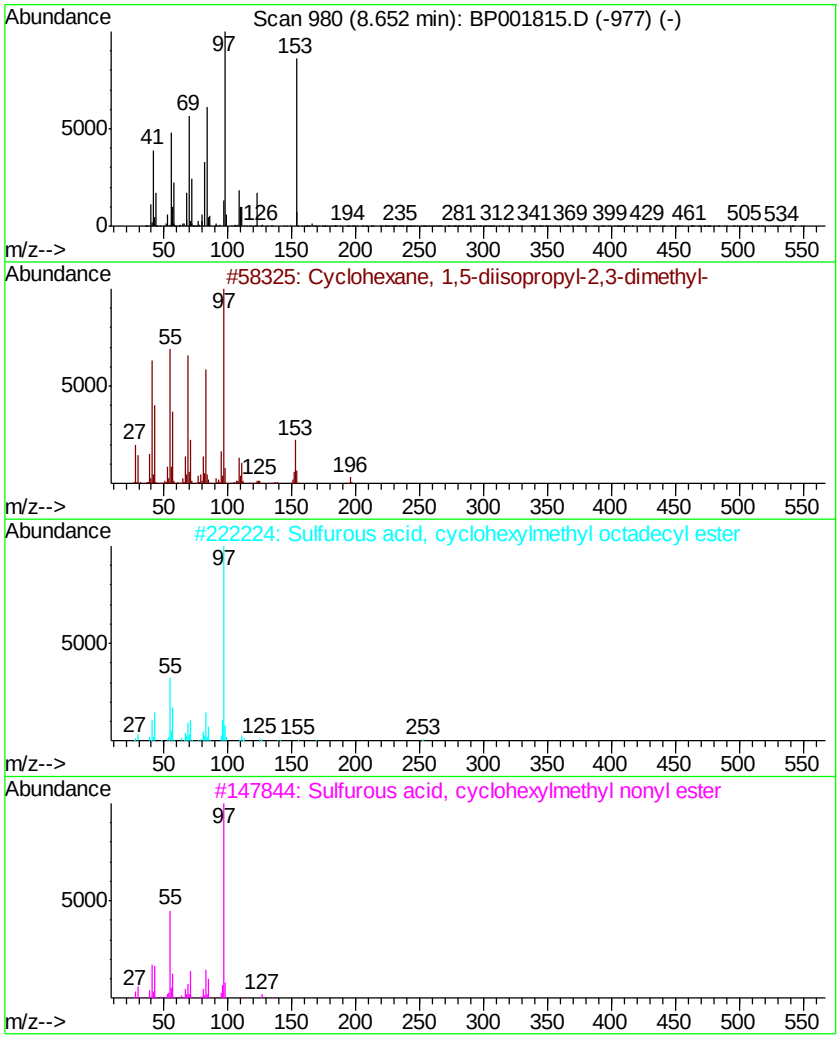
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

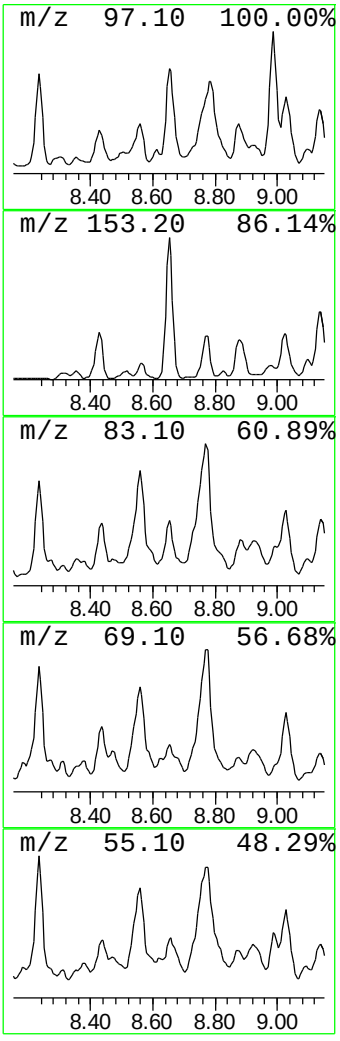
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	16.99 ng/ul	3700420	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	50
2	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	35
3	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	35
4	1-Methyl-4-ethylaminocytosine	153	C7H11N3O	092876-77-2	32
5	1,2,4-Oxadiazol-5-amine, 3-(4-am...	264	C9H8N6O2S	1000351-26-9	27





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Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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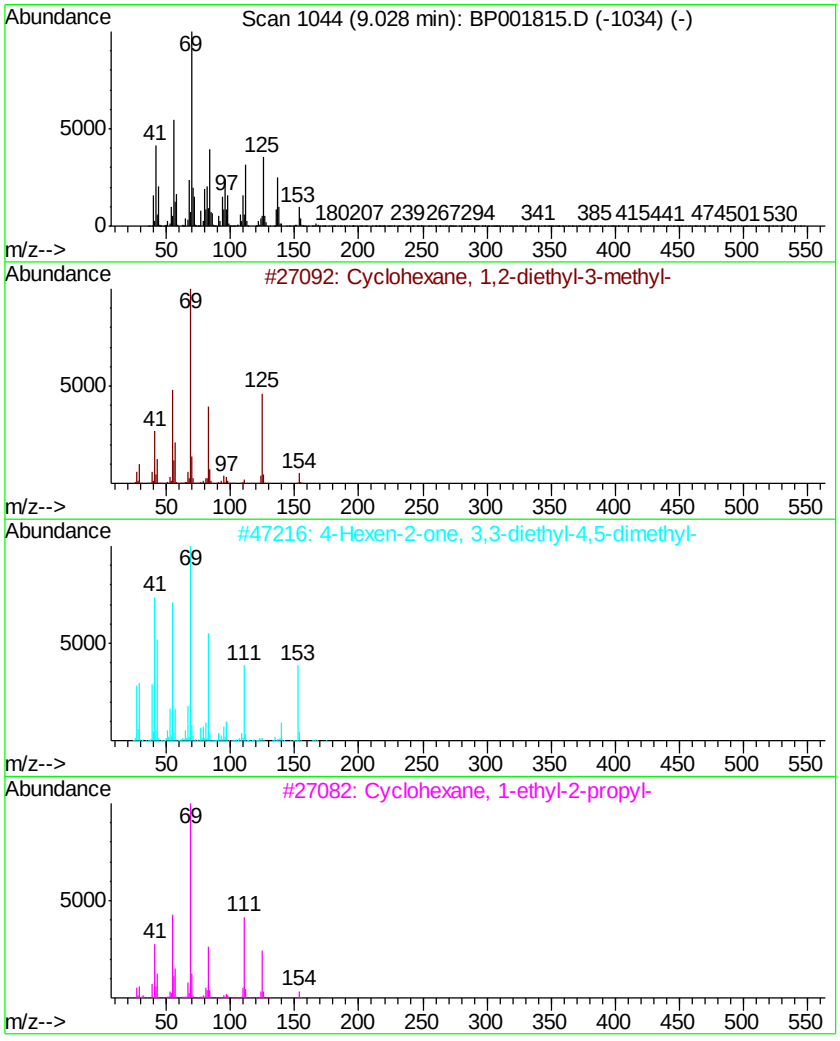
Quant Title : SVOA CALIBRATION

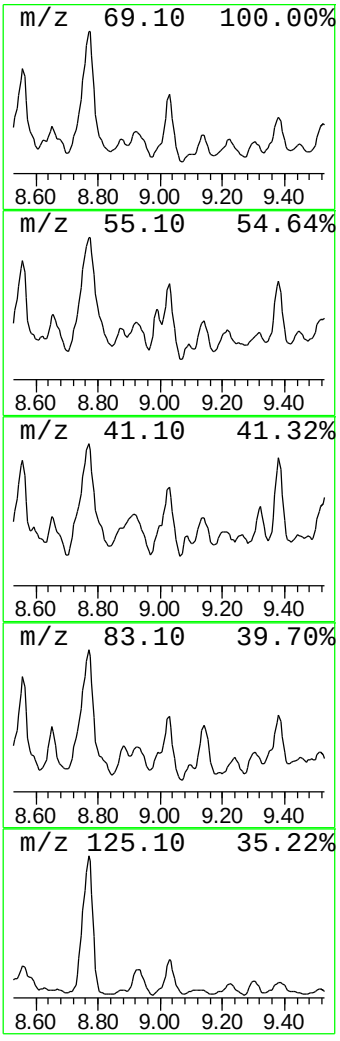
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	35.55 ng/ul	7741170	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	60
2	4-Hexen-2-one, 3,3-diethyl-4,5-d...	182	C12H22O	1000149-30-4	47
3	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	45
4	4,4,7-Trimethyl-oct-5-enal	168	C11H20O	1000144-08-6	38
5	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	38





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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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

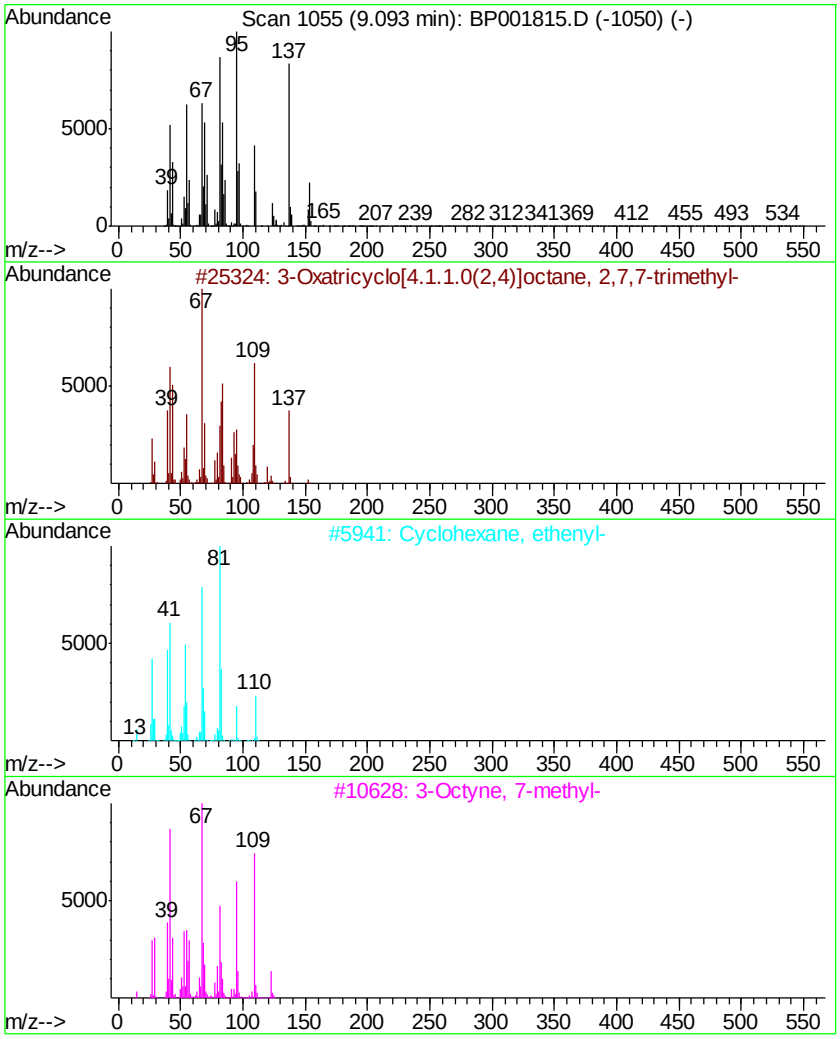
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

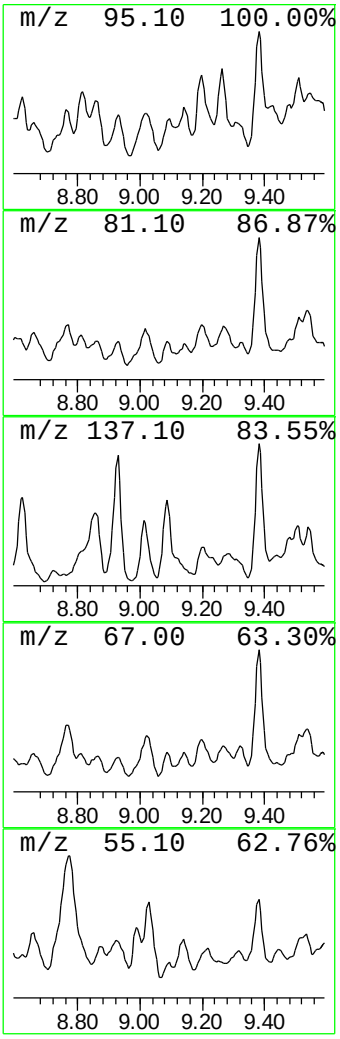
****

Peak Number 28 unknown-03 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	3.04 ng/ul	1348420	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxatricyclo[4.1.1.0(2,4)]octan...	152	C10H16O	001686-14-2	35
2	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	30
3	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	27
4	Norbornane, 2-isobutyl-	152	C11H20	018127-14-5	25
5	Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	25





Library Search Compound Report

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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

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

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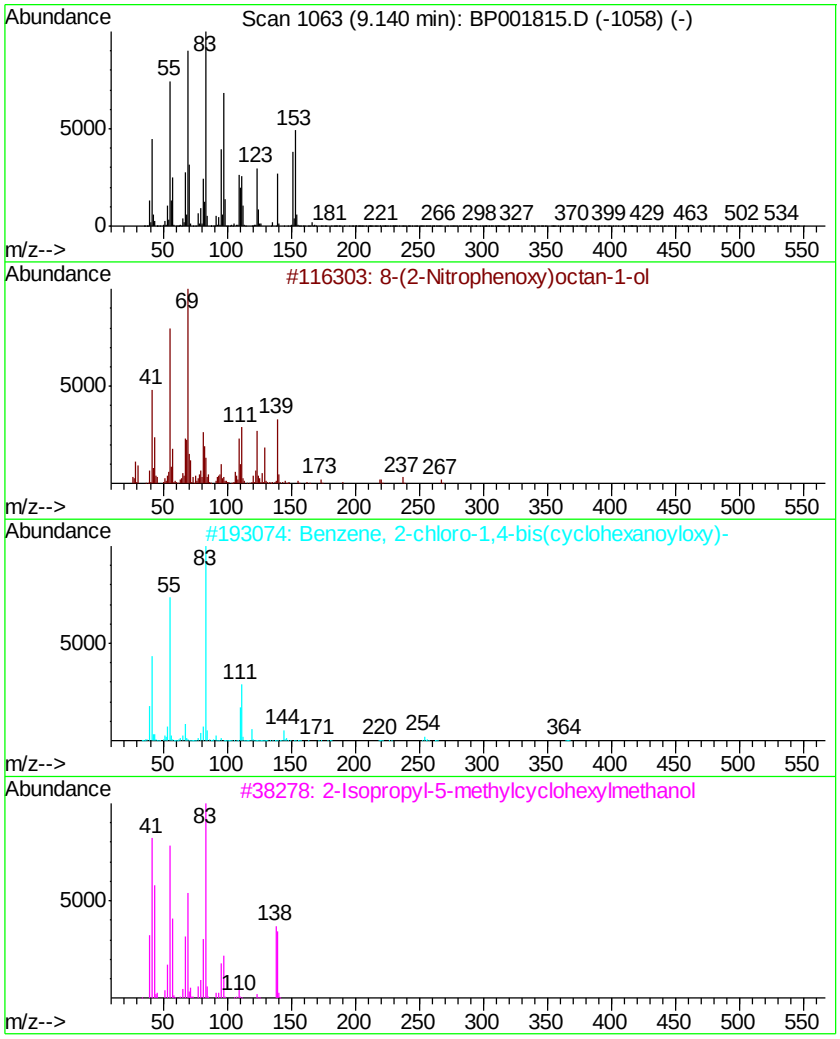
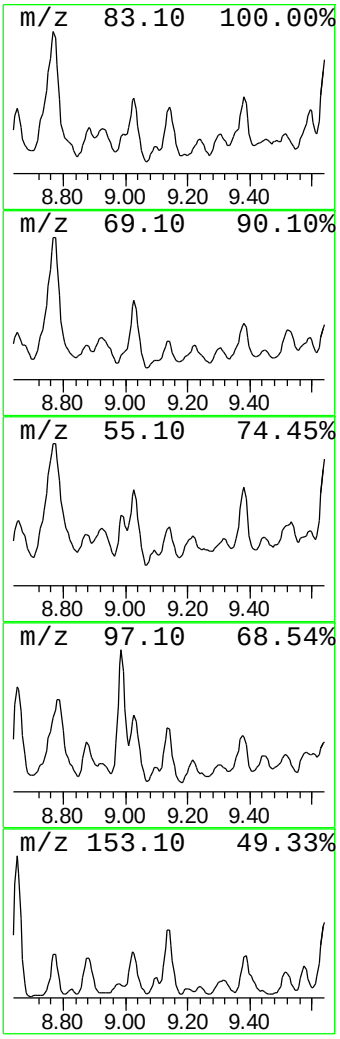
Peak Number 29 unknown-04 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	5.65 ng/ul	2506810	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-(2-Nitrophenoxy)octan-1-ol	267	C14H21NO4	167685-26-9	22
2	Benzene, 2-chloro-1,4-bis(cycloh...	364	C20H25ClO4	294874-04-7	14
3	2-Isopropyl-5-methylcyclohexylme...	170	C11H22O	1000223-18-0	14
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	11
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	11





Library Search Compound Report

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Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

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

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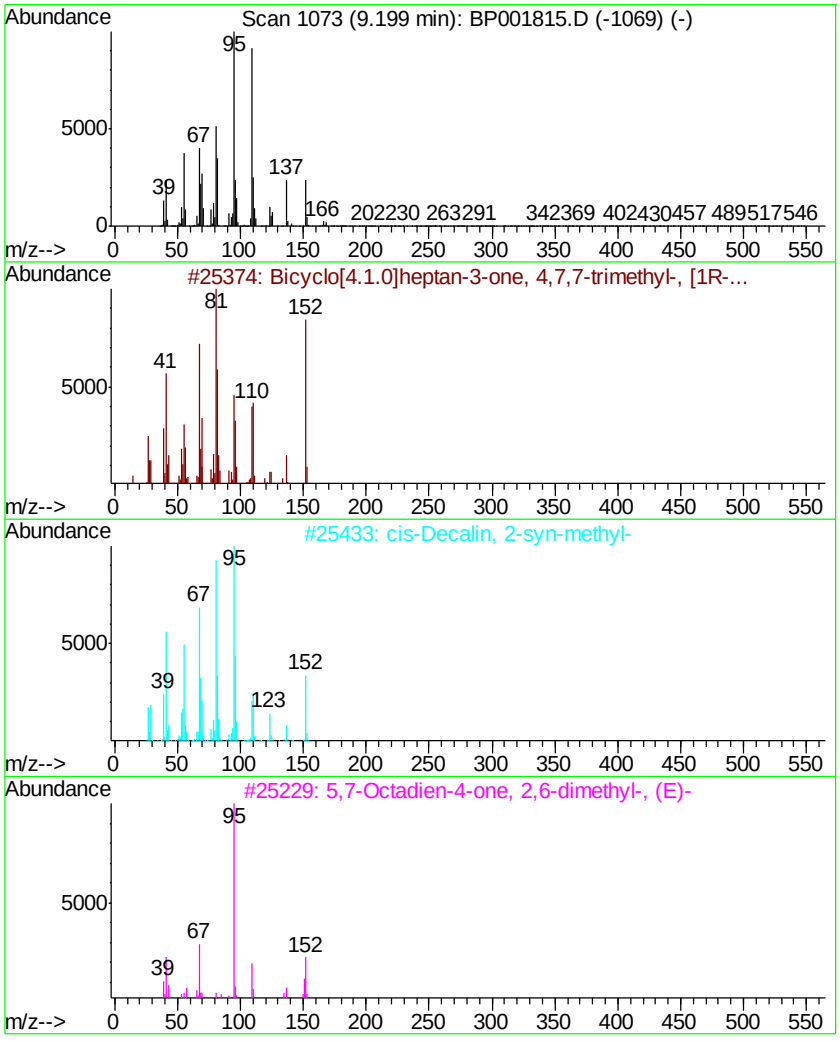
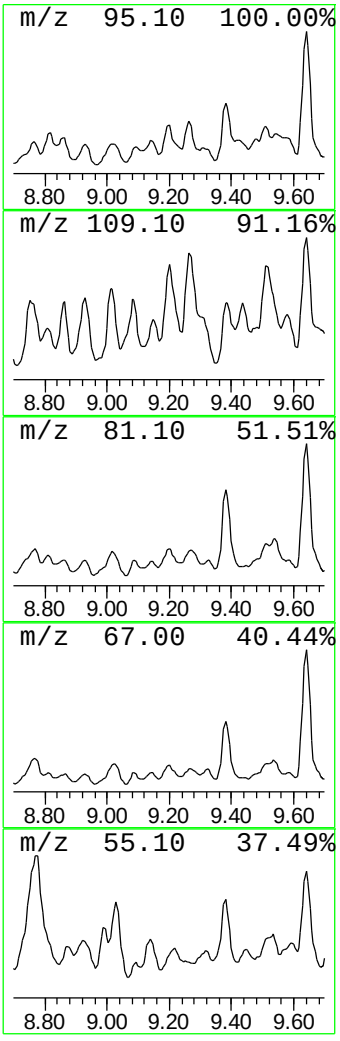
Peak Number 30 unknown-05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	5.09 ng/ul	2257860	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	45
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	45
3	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	43
4	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	41
5	Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	38





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Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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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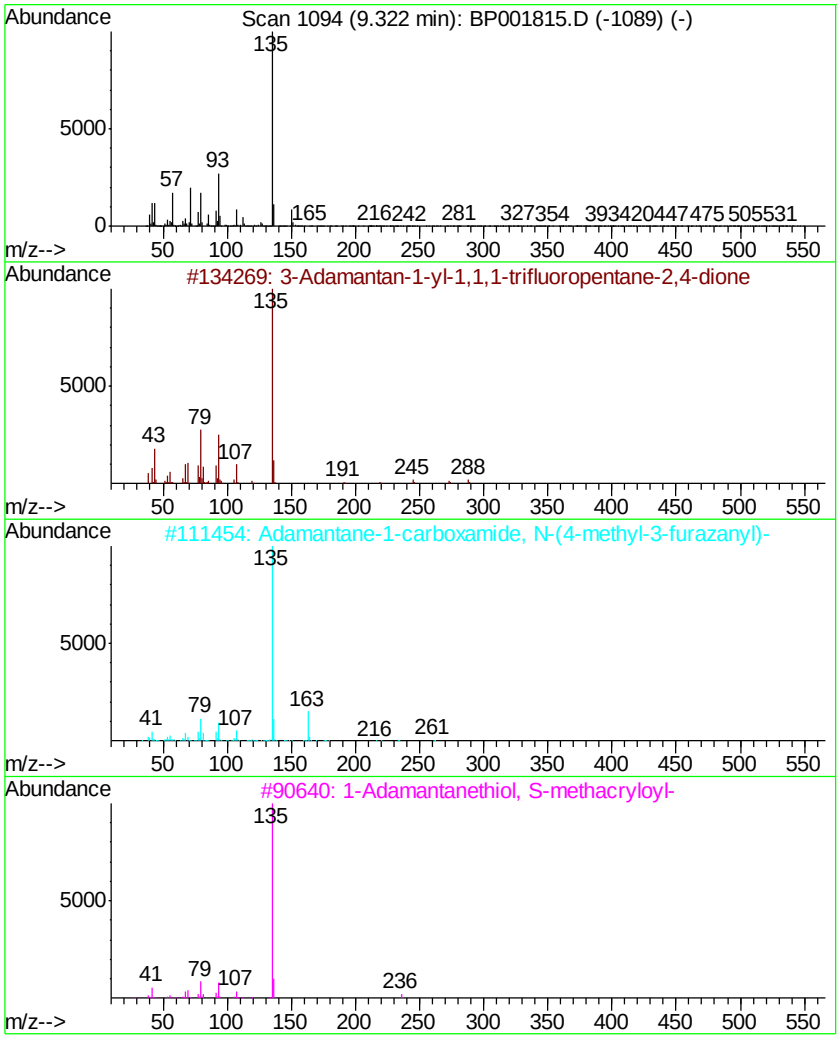
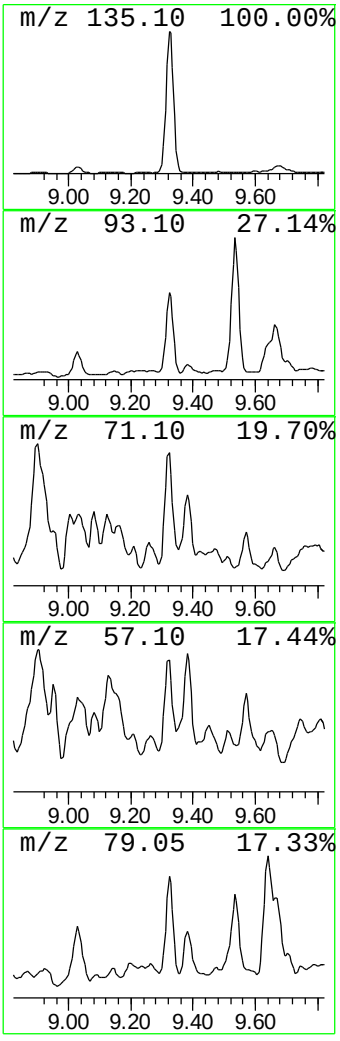
Peak Number 31 3-Adamantan-1-yl-1,1,1-trif... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	7.76 ng/ul	3441580	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Adamantan-1-yl-1,1,1-trifluoro...	288	C15H19F3O2	1000311-44-8	59
2	Adamantane-1-carboxamide, N-(4-m...	261	C14H19N3O2	332042-32-7	53
3	1-Adamantanethiol, S-methacrylovl-	236	C14H20OS	1000358-48-9	53
4	Benzenesulfonamide, N-(adamantan...	373	C17H21Cl2NO2S	1000303-82-7	53
5	N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	53





Library Search Compound Report

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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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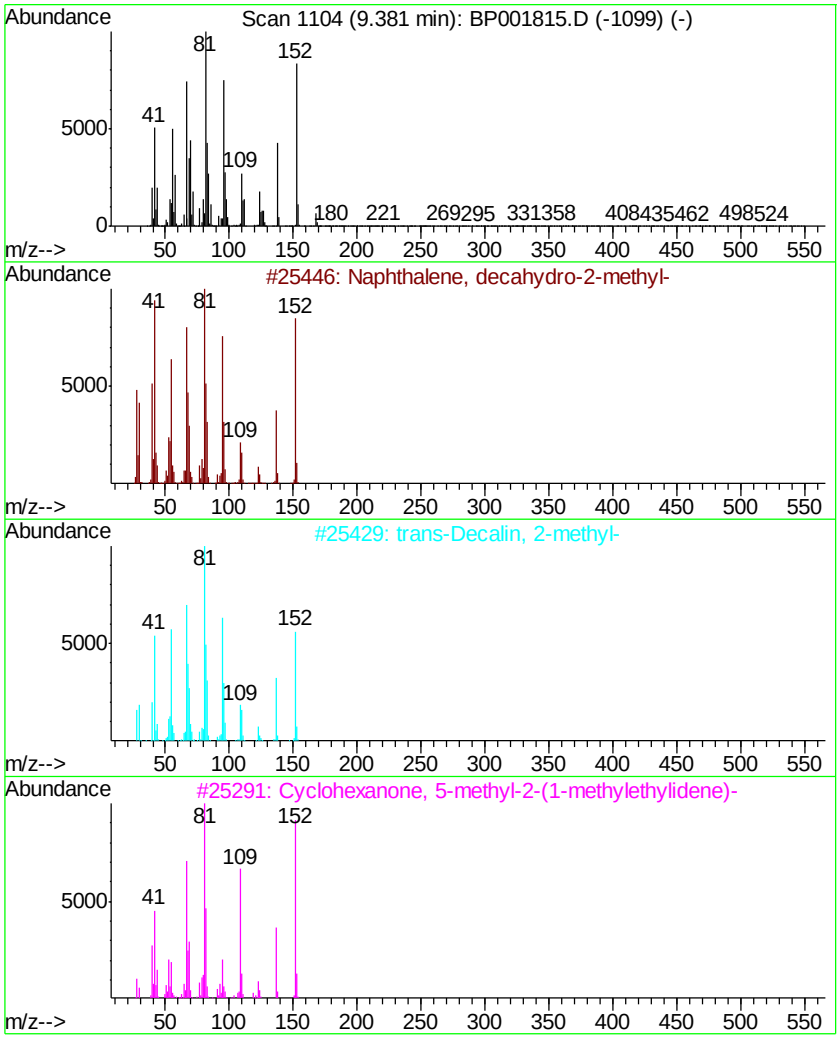
Quant Title : SVOA CALIBRATION

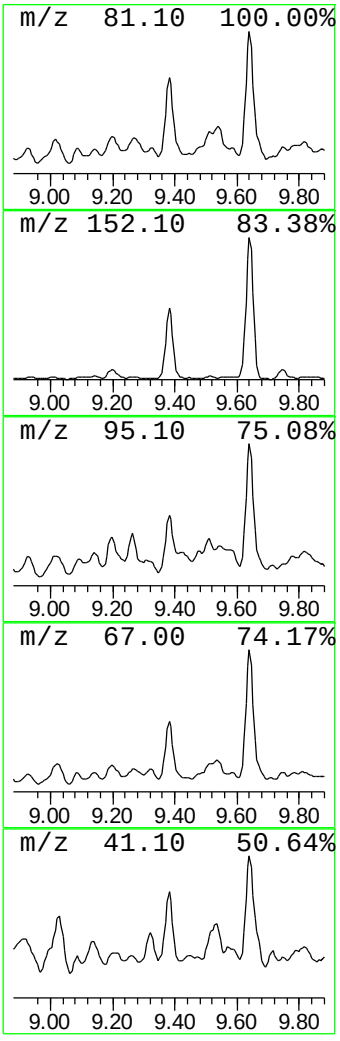
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphthalene, decahydro-2-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	14.35 ng/ul	6364580	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70
4	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	70
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	68





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Quant Title : SVOA CALIBRATION

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

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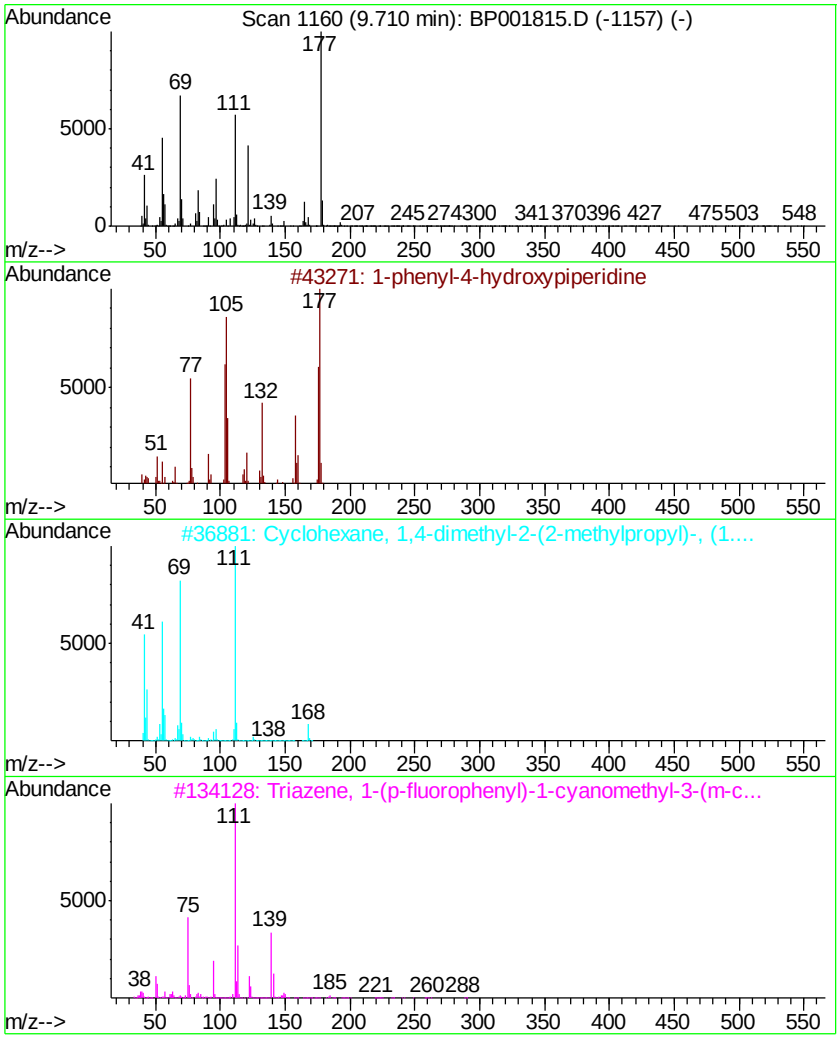
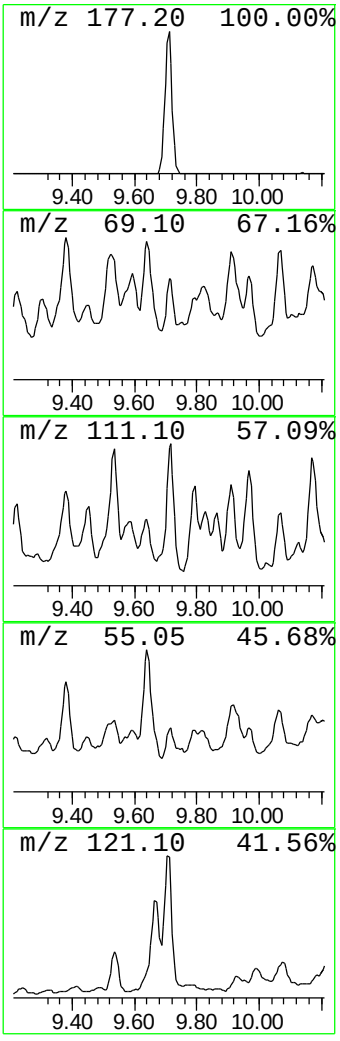
Peak Number 34 unknown-06 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	2.69 ng/ul	1194960	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-phenyl-4-hydroxypiperidine	177	C11H15NO	1000380-04-6	35
2	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	15
3	Triazene, 1-(p-fluorophenyl)-1-c...	288	C14H10ClFN4	1000274-66-3	11
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	10
5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	10





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Quant Title : SVOA CALIBRATION

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

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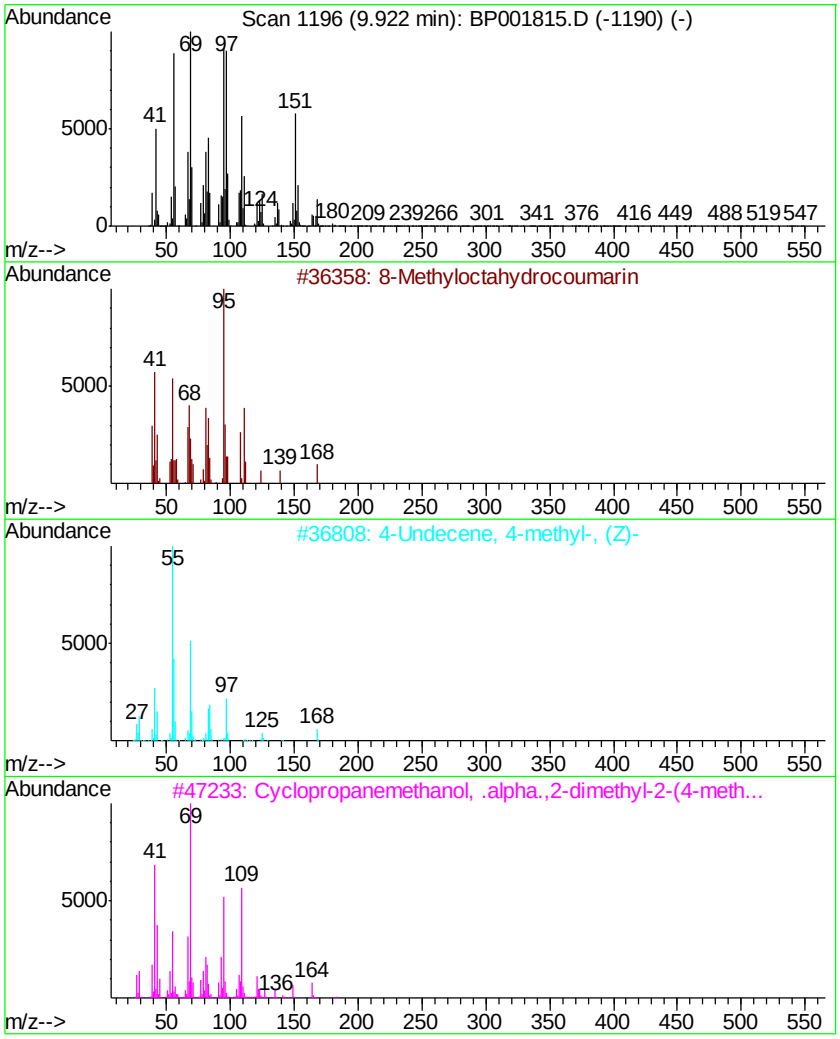
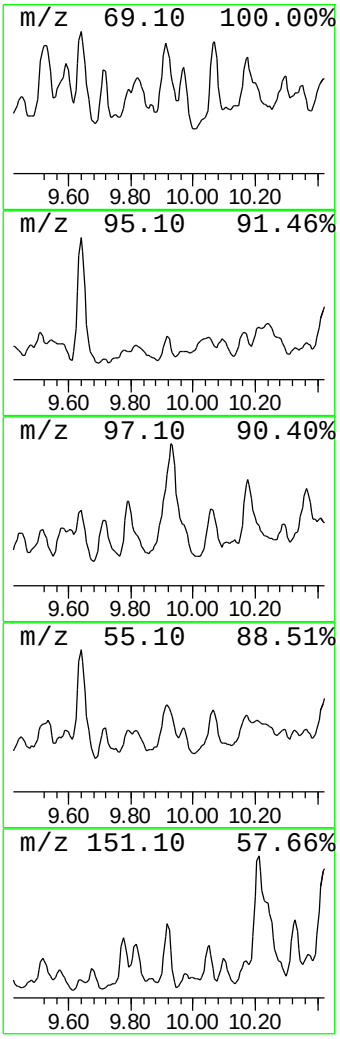
Peak Number 35 unknown-07 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	6.28 ng/ul	2783780	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Methyloctahydrocoumarin	168	C10H16O2	021197-56-8	42
2	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	38
3	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	30
4	Cyclododecane	168	C12H24	000294-62-2	30
5	8-Methyloctahydrocoumarin	168	C10H16O2	021197-56-8	30





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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

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

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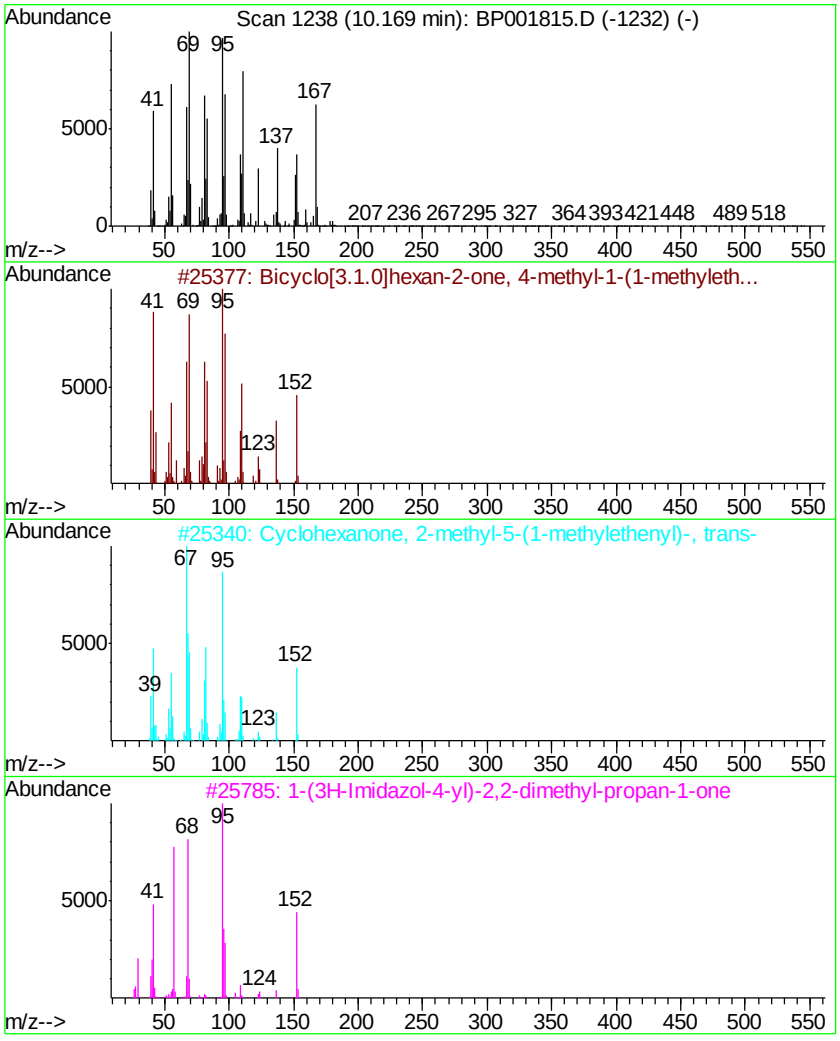
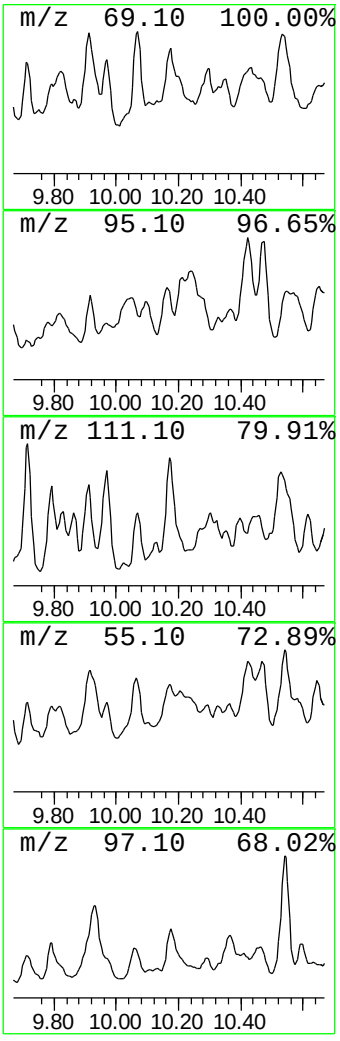
Peak Number 36 unknown-08 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	6.67 ng/ul	2957490	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-2-one, 4-met...	152	C10H16O	002506-61-8	49
2	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	20
3	1-(3H-Imidazol-4-yl)-2,2-dimethy...	152	C8H12N2O	061985-31-7	18
4	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	15
5	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	15





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Sample : L1418-06
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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

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

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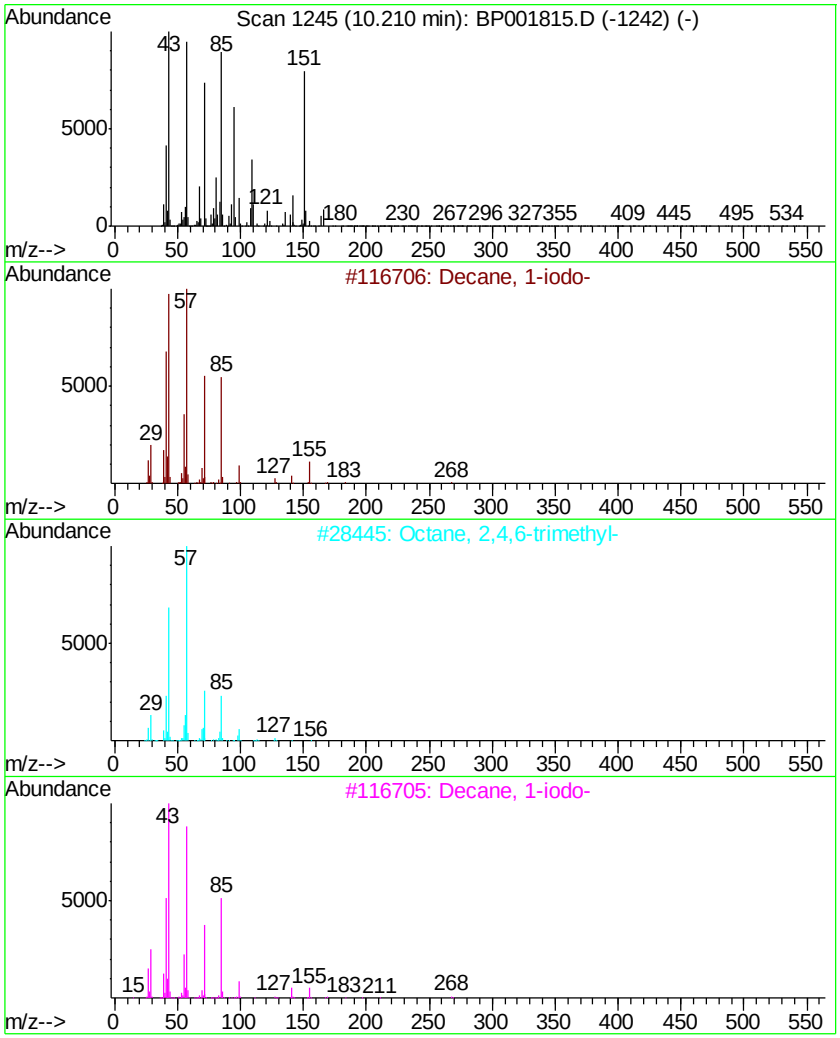
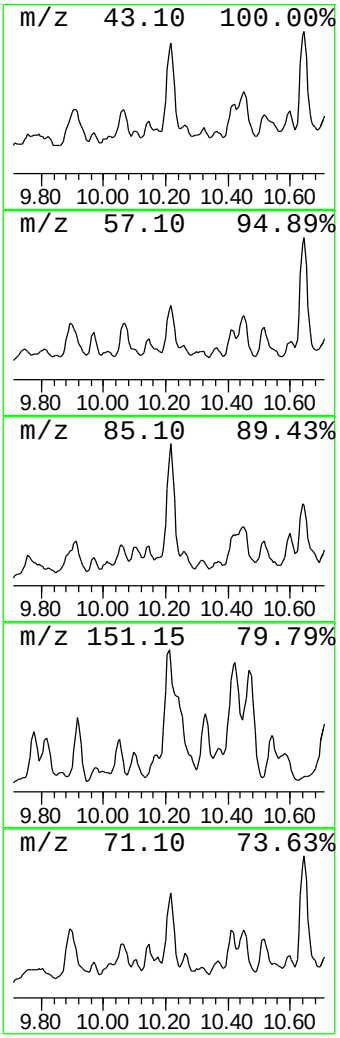
Peak Number 37 unknown-09 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	4.91 ng/ul	2176370	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	45
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	42
4	1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	30
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	27





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Operator : CG/JU
Sample : L1418-06
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Quant Title : SVOA CALIBRATION

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

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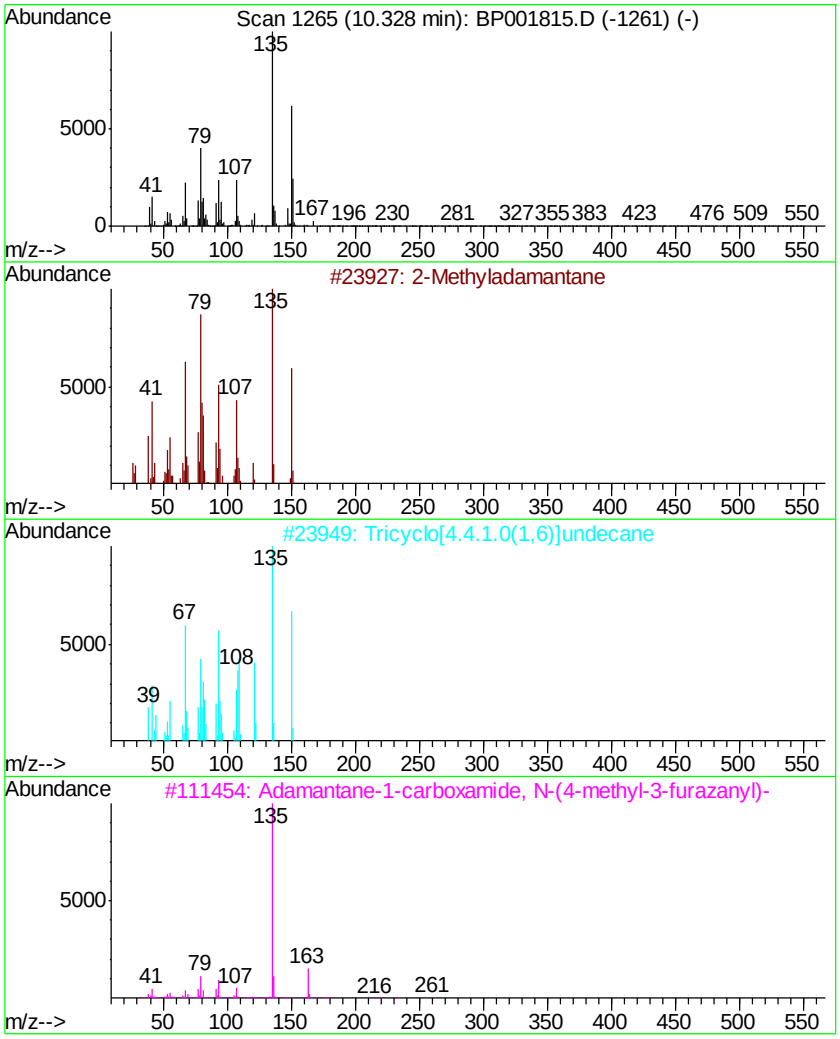
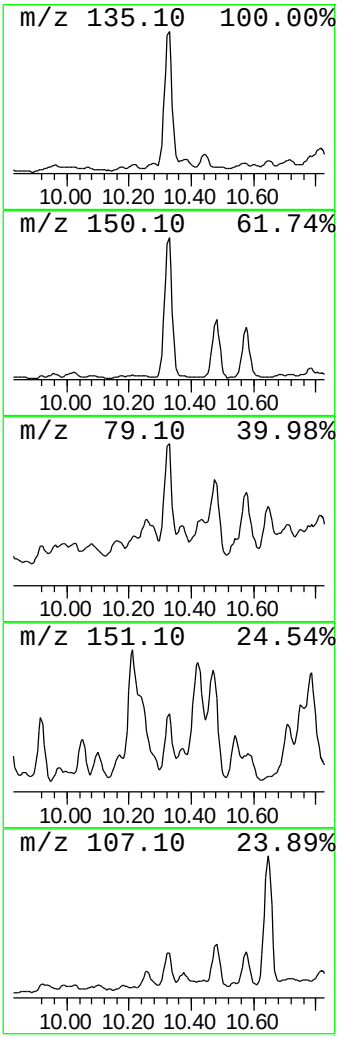
Peak Number 38 2-Methyladamantane Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	4.43 ng/ul	1962670	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyladamantane	150	C11H18	000700-56-1	72
2	Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	72
3	Adamantane-1-carboxamide, N-(4-m...	261	C14H19N3O2	332042-32-7	60
4	1-Adamantyl bromomethyl ketone	256	C12H17BrO	005122-82-7	60
5	Benzenesulfonamide, N-(1-adamant...	335	C18H25NO3S	1000297-54-4	58





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Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

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

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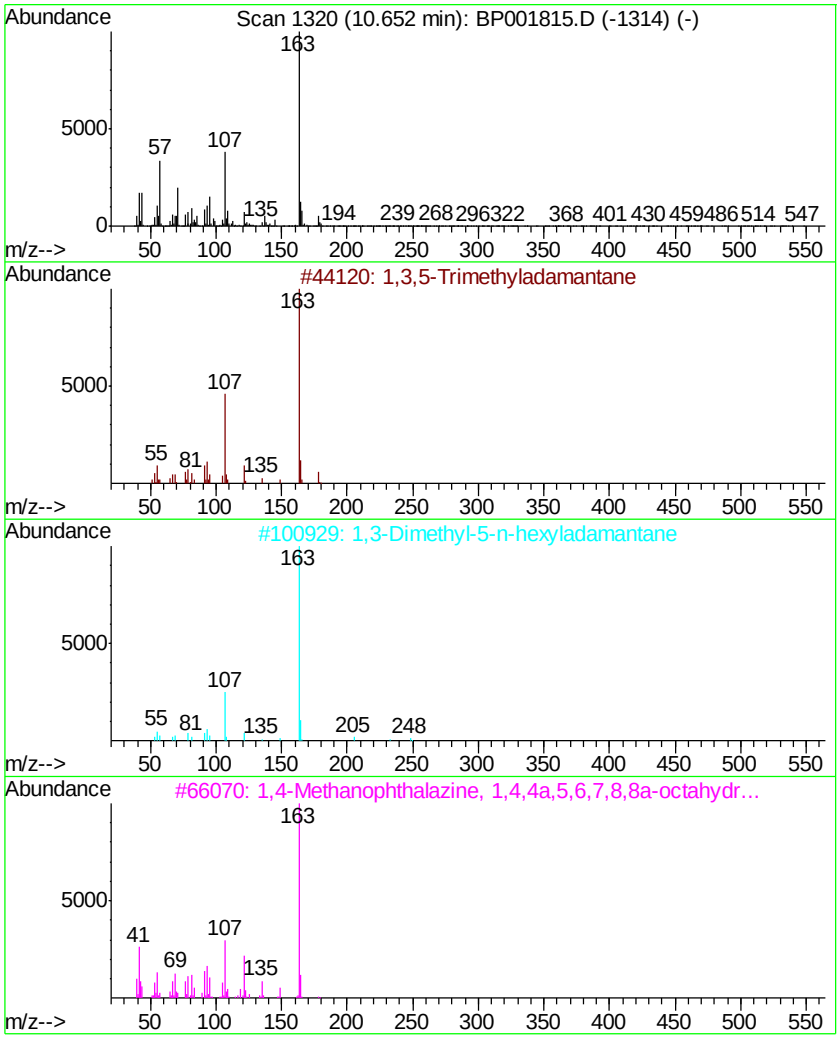
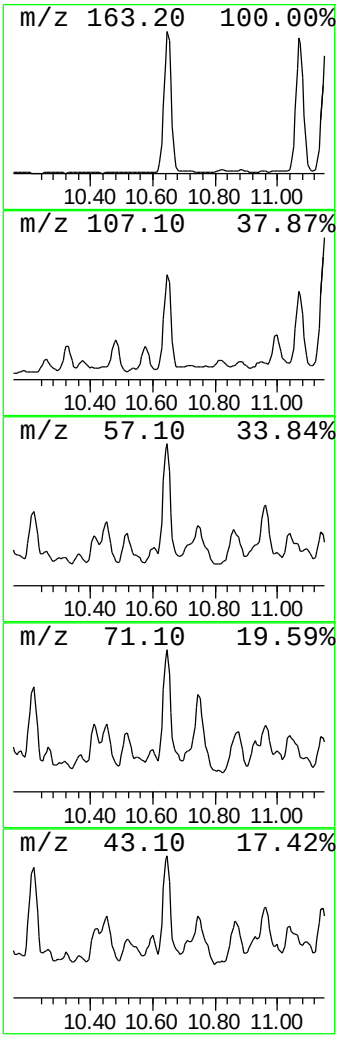
Peak Number 39 1,3,5-Trimethyladamantane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	17.44 ng/ul	7734110	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	55
2	1,3-Dimethyl-5-n-hexyladamantane	248	C18H32	052873-50-4	47
3	1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	45
4	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	45
5	Ethanone, 1-[4-(1-hydroxy-1-meth...	178	C11H14O2	054549-72-3	43





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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

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

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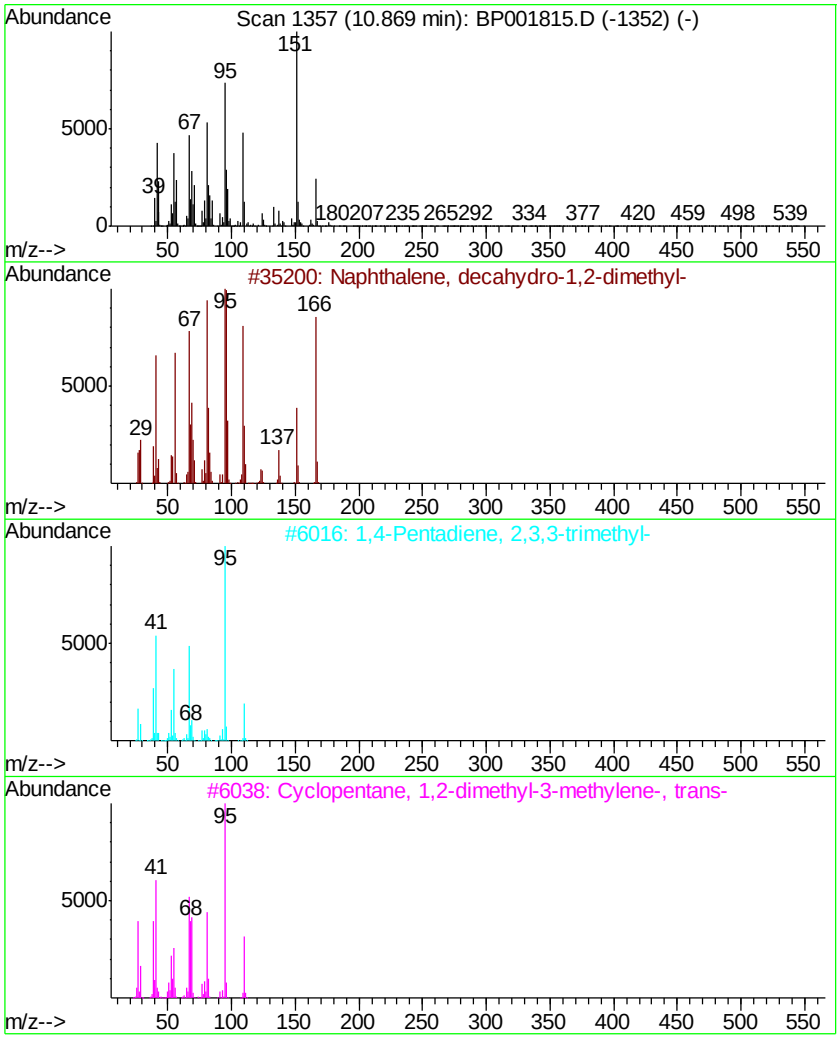
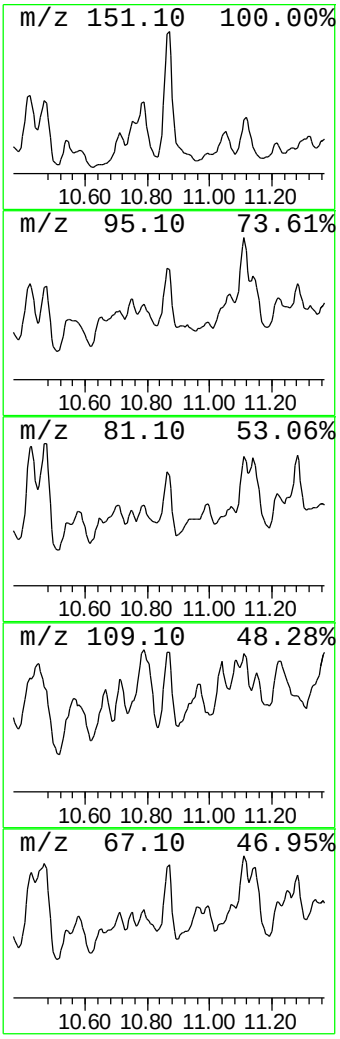
Peak Number 40 unknown-10 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	8.99 ng/ul	3987550	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,2-dimet...	166	C12H22	003604-14-6	49
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	30
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	30
4	Ethanone, 1-(2-hydroxy-5-methoxy...	166	C9H10O3	000705-15-7	30
5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	30





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Operator : CG/JU
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Misc :
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Quant Title : SVOA CALIBRATION

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

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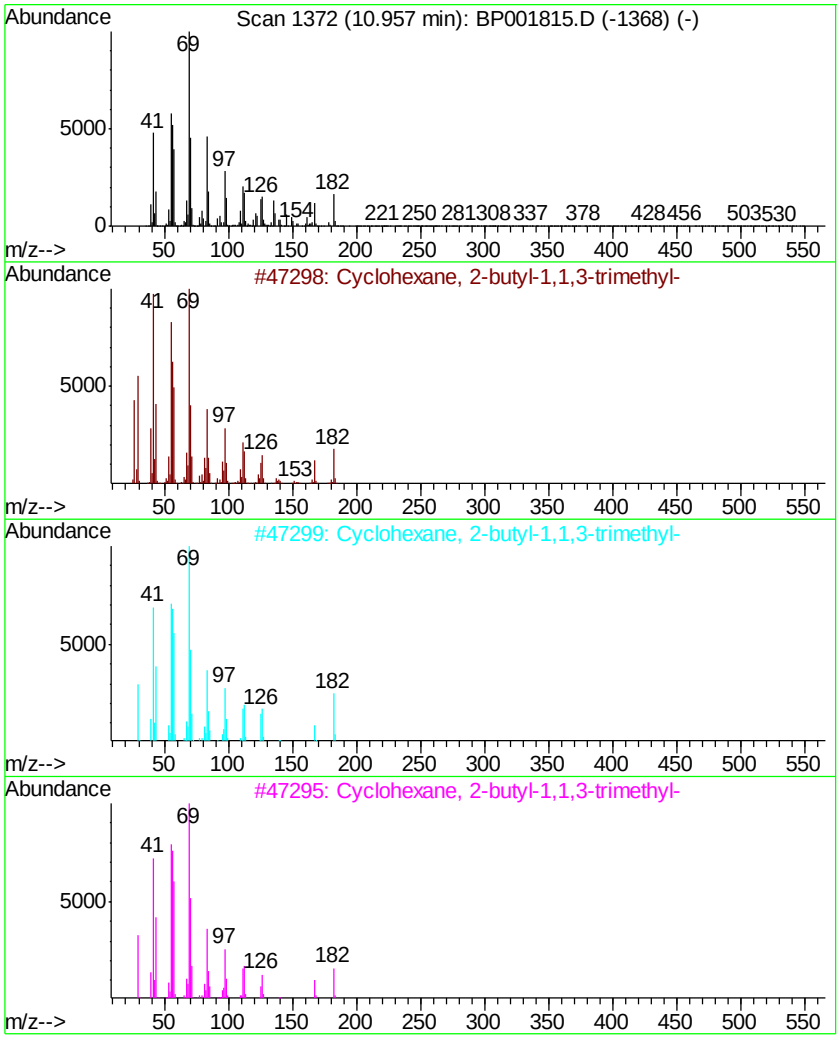
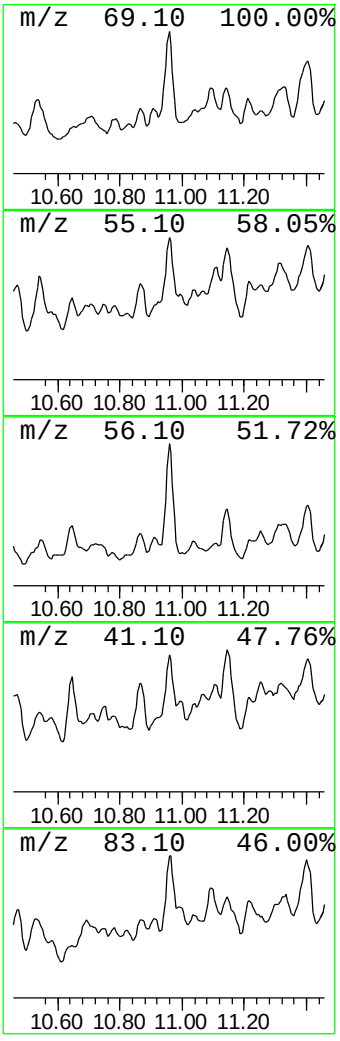
Peak Number 41 (DEL) Alkane: Cyclic10.96 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	8.96 ng/ul	3975450	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
4	6-Tridecene, (E)-	182	C13H26	006434-76-0	83
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	52





Library Search Compound Report

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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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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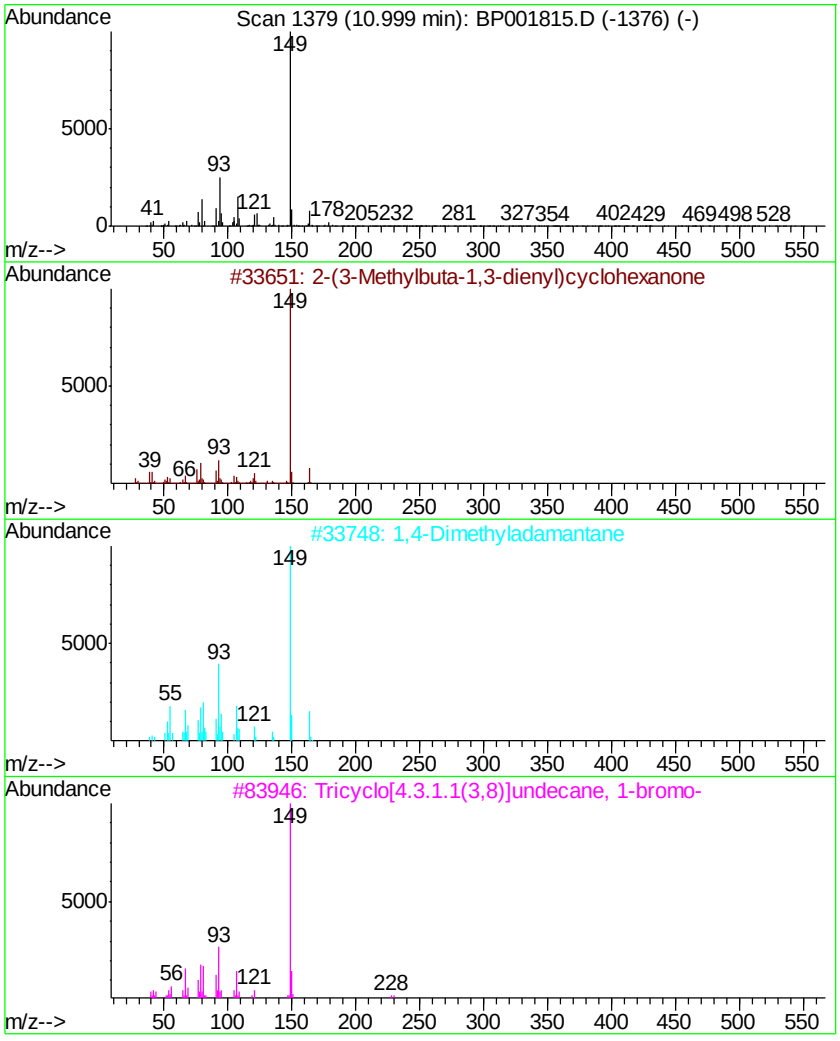
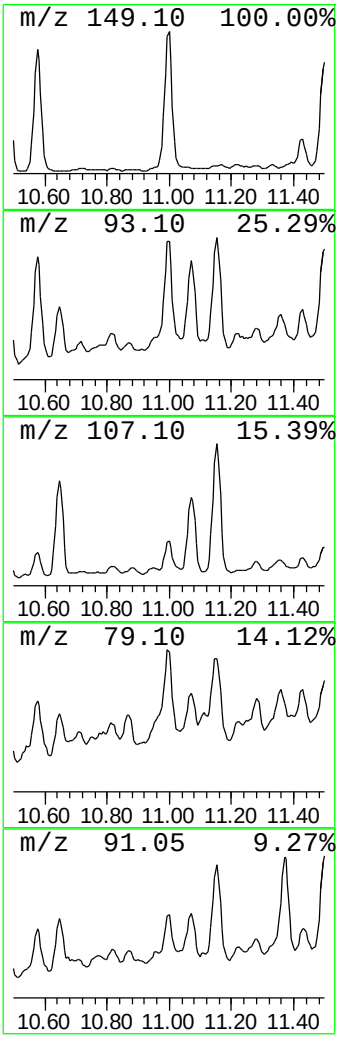
Peak Number 42 2-(3-Methylbuta-1,3-dienyl)... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	4.73 ng/ul	2098900	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	59
2	1,4-Dimethyladamantane	164	C12H20	024145-88-8	52
3	Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	50
4	1,4-Dimethyladamantane	164	C12H20	024145-89-9	50
5	Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	50





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Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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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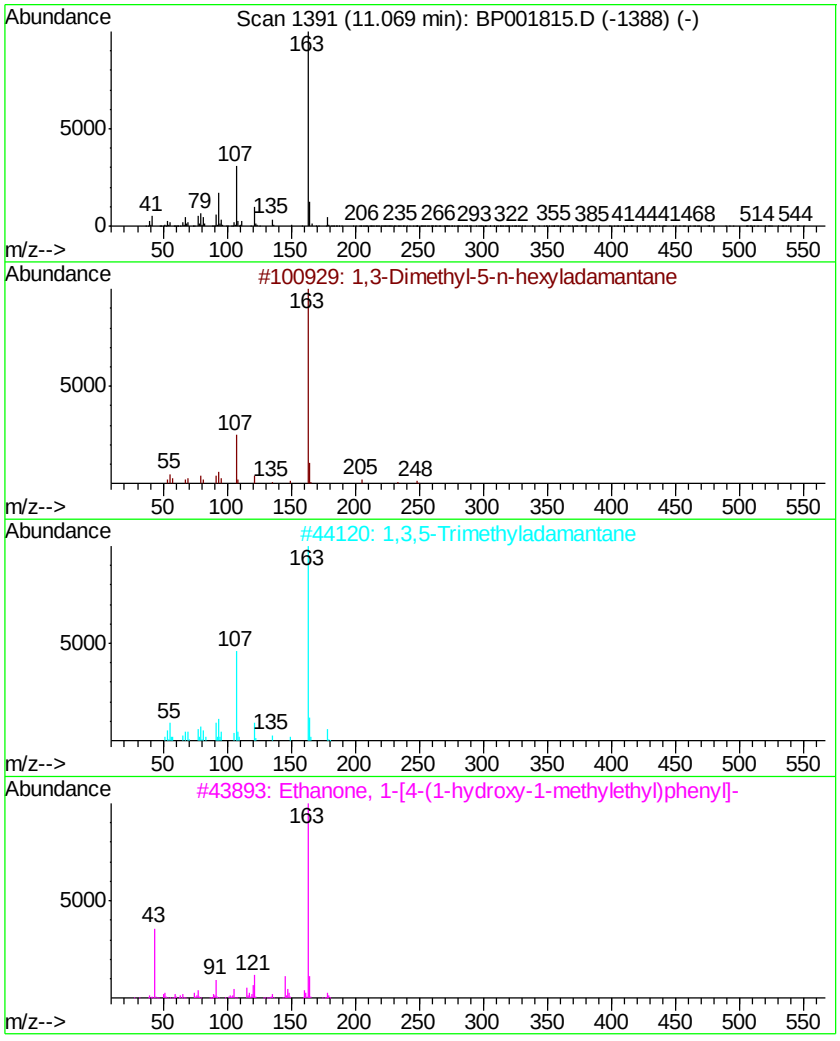
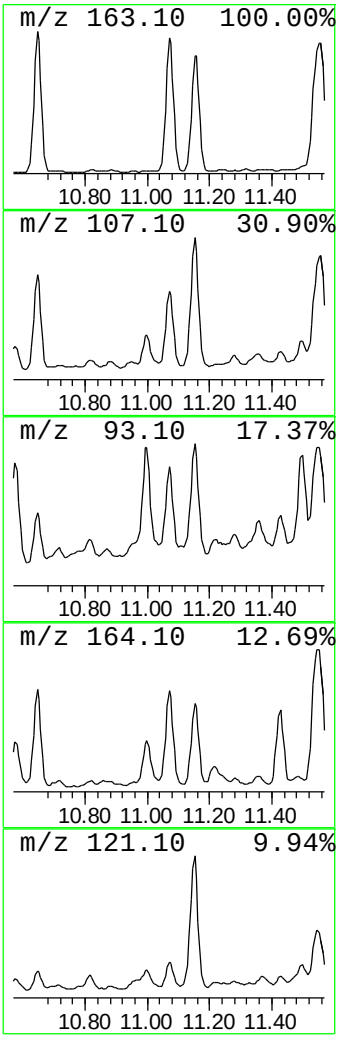
Peak Number 43 1,3-Dimethyl-5-n-hexyladama... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	4.45 ng/ul	1973400	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-n-hexyladamantane	248	C18H32	052873-50-4	59
2	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	58
3	Ethanone, 1-[4-(1-hydroxy-1-meth...	178	C11H14O2	054549-72-3	53
4	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	50
5	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	50





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Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

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

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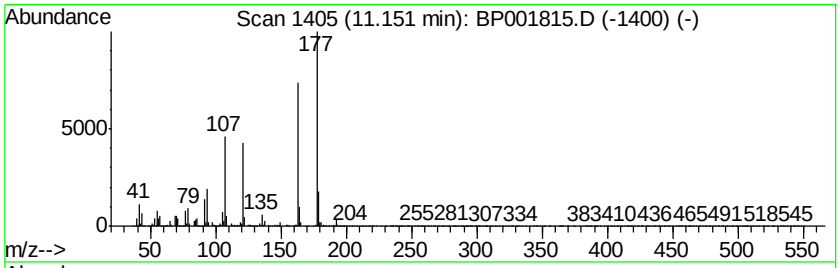
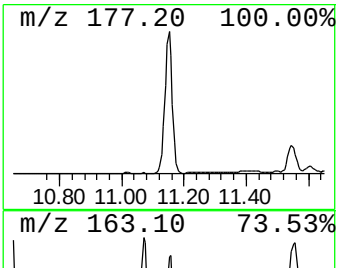
Peak Number 44 unknown-11 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	26.60 ng/ul	11799600	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	49
2	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	43
3	1,3-Diethyladamantane	192	C14H24	025074-51-5	38
4	9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	38
5	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	38





Library Search Compound Report

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Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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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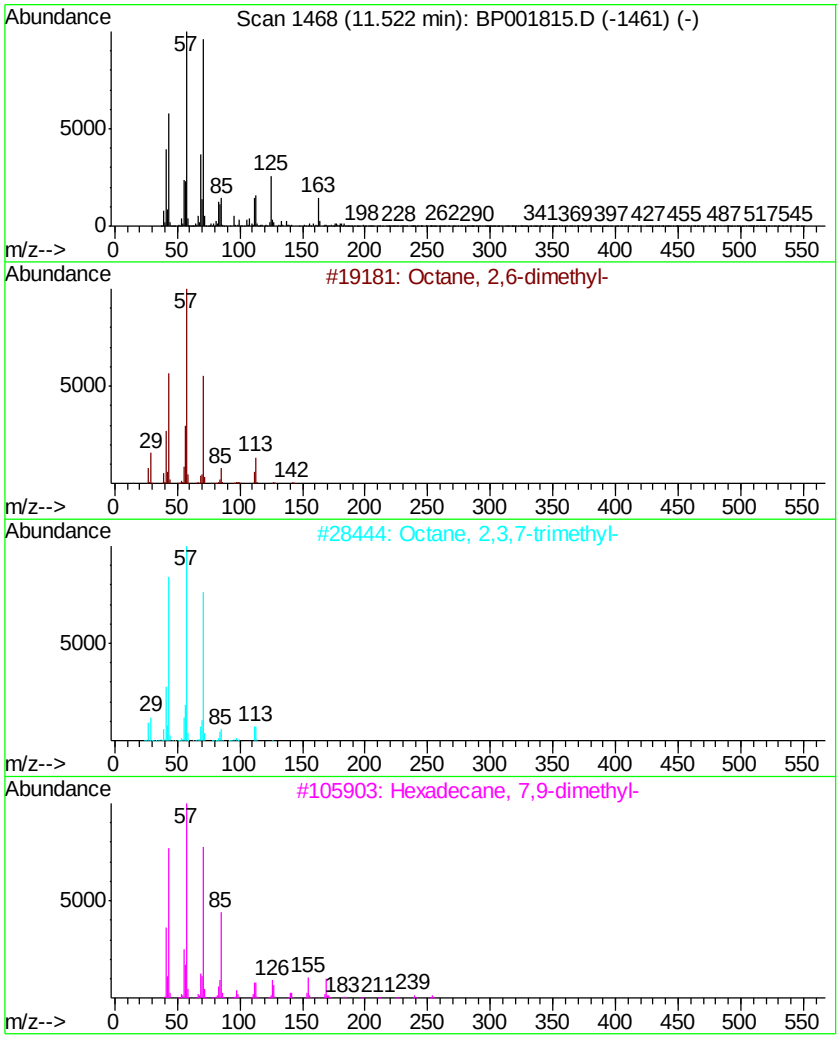
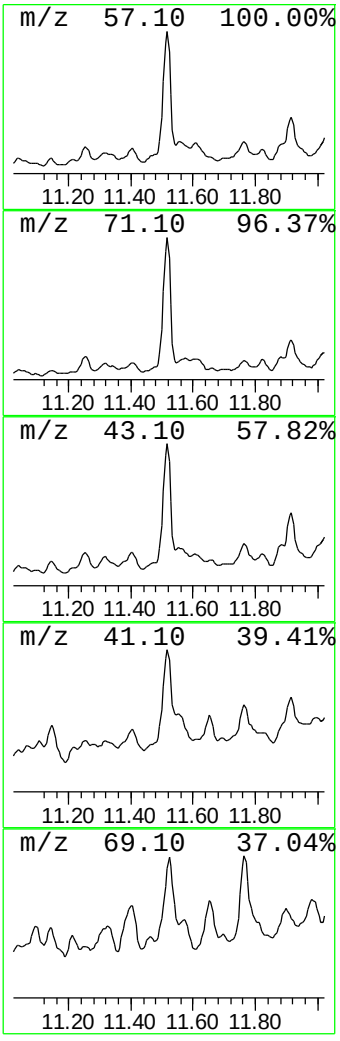
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	36.45 ng/ul	16166300	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
4	Decane, 2-methyl-	156	C11H24	006975-98-0	64
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64





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Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

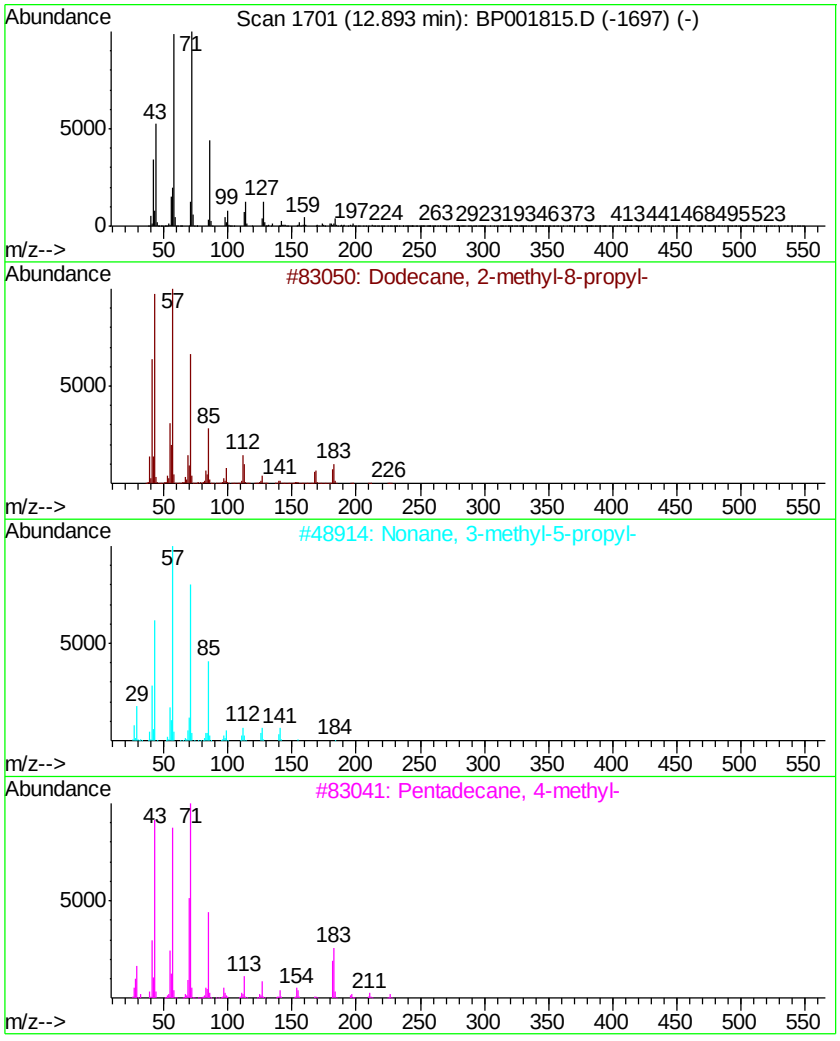
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

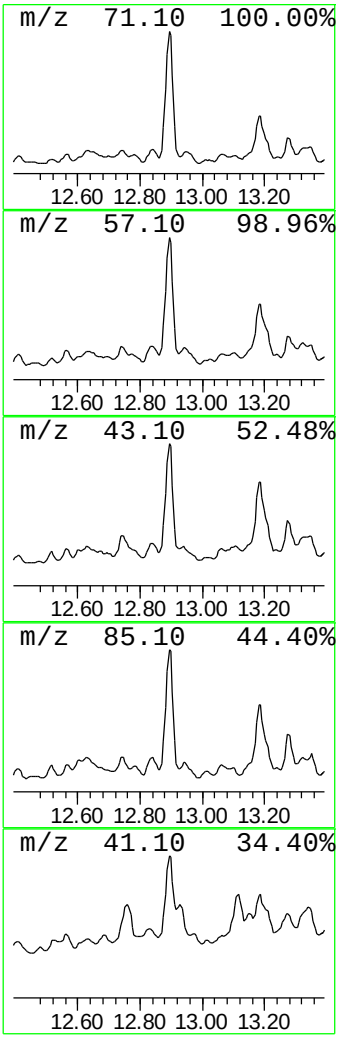
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	21.51 ng/ul	13116300	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	80
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	74
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022020\
Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AT7

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	10.2	ng/ul	2229930	1	7.66	4355700	20.0
(DEL) Alkane: Cyc...	6.28	3.3	ng/ul	709021	1	7.66	4355700	20.0
(DEL) Alkane: Str...	6.37	5.3	ng/ul	1148020	1	7.66	4355700	20.0
(DEL) Alkane: Cyc...	6.45	2.7	ng/ul	585578	1	7.66	4355700	20.0
(DEL) Alkane: Cyc...	6.71	3.4	ng/ul	730085	1	7.66	4355700	20.0
(DEL) Alkane: Cyc...	6.79	2.0	ng/ul	443750	1	7.66	4355700	20.0
(DEL) Alkane: Cyc...	7.07	3.1	ng/ul	679729	1	7.66	4355700	20.0
(DEL) Alkane: Str...	7.12	3.7	ng/ul	808654	1	7.66	4355700	20.0
(DEL) Alkane: Cyc...	7.27	16.3	ng/ul	3543380	1	7.66	4355700	20.0
(DEL) Alkane: Str...	7.35	4.8	ng/ul	1050860	1	7.66	4355700	20.0
(DEL) Alkane: Str...	7.41	5.0	ng/ul	1088840	1	7.66	4355700	20.0
(DEL) Alkane: Str...	7.50	18.0	ng/ul	3924190	1	7.66	4355700	20.0
Bicyclo[3.1.1]hep...	7.61	26.8	ng/ul	5841670	1	7.66	4355700	20.0
(DEL) Alkane: Str...	7.76	8.1	ng/ul	1760860	1	7.66	4355700	20.0
Cyclopentane, 1-m...	7.81	5.4	ng/ul	1171440	1	7.66	4355700	20.0
2-Furancarboxylic...	7.85	5.6	ng/ul	1219300	1	7.66	4355700	20.0
Zinc, bis[2-(1,1-...	7.92	2.6	ng/ul	559645	1	7.66	4355700	20.0
unknown-01	7.95	12.1	ng/ul	2632530	1	7.66	4355700	20.0
unknown-02	8.04	5.1	ng/ul	1101020	1	7.66	4355700	20.0
(DEL) Alkane: Cyc...	8.09	5.9	ng/ul	1294120	1	7.66	4355700	20.0
(DEL) Alkane: Cyc...	8.13	9.9	ng/ul	2161580	1	7.66	4355700	20.0
(DEL) Alkane: Str...	8.23	36.4	ng/ul	7931460	1	7.66	4355700	20.0
2,3,4-Trimethyl-h...	8.31	2.5	ng/ul	550060	1	7.66	4355700	20.0
(DEL) Alkane: Cyc...	8.43	8.7	ng/ul	1902460	1	7.66	4355700	20.0
(DEL) Alkane: Str...	8.56	28.9	ng/ul	6293990	1	7.66	4355700	20.0
(DEL) Alkane: Str...	8.65	17.0	ng/ul	3700420	1	7.66	4355700	20.0
(DEL) Alkane: Str...	9.03	35.5	ng/ul	7741170	1	7.66	4355700	20.0
unknown-03	9.09	3.0	ng/ul	1348420	2	10.44	8870780	20.0
unknown-04	9.14	5.7	ng/ul	2506810	2	10.44	8870780	20.0
unknown-05	9.20	5.1	ng/ul	2257860	2	10.44	8870780	20.0
3-Adamantan-1-yl-...	9.32	7.8	ng/ul	3441580	2	10.44	8870780	20.0
Naphthalene, deca...	9.38	14.4	ng/ul	6364580	2	10.44	8870780	20.0
unknown-06	9.71	2.7	ng/ul	1194960	2	10.44	8870780	20.0
unknown-07	9.92	6.3	ng/ul	2783780	2	10.44	8870780	20.0
unknown-08	10.17	6.7	ng/ul	2957490	2	10.44	8870780	20.0
unknown-09	10.21	4.9	ng/ul	2176370	2	10.44	8870780	20.0
2-Methyladamantane	10.33	4.4	ng/ul	1962670	2	10.44	8870780	20.0
1,3,5-Trimethylad...	10.65	17.4	ng/ul	7734110	2	10.44	8870780	20.0
unknown-10	10.87	9.0	ng/ul	3987550	2	10.44	8870780	20.0
(DEL) Alkane: Cyc...	10.96	9.0	ng/ul	3975450	2	10.44	8870780	20.0
2-(3-Methylbuta-1...	11.00	4.7	ng/ul	2098900	2	10.44	8870780	20.0
1,3-Dimethyl-5-n-...	11.07	4.5	ng/ul	1973400	2	10.44	8870780	20.0
unknown-11	11.15	26.6	ng/ul	11799600	2	10.44	8870780	20.0
(DEL) Alkane: Str...	11.52	36.5	ng/ul	16166300	2	10.44	8870780	20.0
(DEL) Alkane: Str...	12.89	21.5	ng/ul	13116300	3	14.33	12194900	20.0