LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

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_N\METHODS\SOM-EPA-BN040920MA.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	4.081	214	220	224	rBV	3648765	5968279	18.86%	0.731%
2	4.352	262	266	274	rVB	2210300	3556787	11.24%	0.435%
3	4.434	274	280	286	rBV	3018328	5642668	17.83%	0.691%
4	4.534	293	297	304	rVB	2119155	3373874	10.66%	0.413%
5	4.634	304	314	320	rBV	3476733	5897360	18.64%	0.722%
6	4.728	324	330	335	rBV	4641291	8323345	26.31%	1.019%
7	4.781	335	339	343	rVV2	4512511	6944119	21.95%	0.850%
8	4.828	343	347	352	rVB	4761028	6845385	21.64%	0.838%
9	4.881	352	356	362	rVB	3037122	4679739	14.79%	0.573%
10	5.040	378	383	386	rBV	2728581	4082850	12.90%	0.500%
11	5.110	391	395	404	rVB2	4530737	11290398	35.68%	1.382%
12	5.357	431	437	446	rVB3	1324864	2987991	9.44%	0.366%
13	5.463	446	455	461	rBV2	2917525	5620423	17.76%	0.688%
14	5.534	461	467	471	rBV3	2958862	6153748	19.45%	0.753%
15	5.616	476	481	485	rVB	5613656	8184739	25.87%	1.002%
16	5.675	485	491	498	rVB2	3297738	6682800	21.12%	0.818%
17	5.751	498	504	513	rBV2	1631393	2843742	8.99%	0.348%
18	5.928	525	534	541	rBV4	8358673	20693468	65.40%	2.534%
19	6.046	547	554	560	rVB2	3830013	8243022	26.05%	1.009%
20	6.140	563	570	576	rBV4	7115276	13836892	43.73%	1.694%
21	6.210	576	582	586	rBV	9296819	14596213	46.13%	1.787%
22	6.281	586	594	597	rVV3	9265351	21113196	66.73%	2.585%
23	6.316	597	600	606	rVB2	7154717	10755636	33.99%	1.317%
24	6.393	606	613	619	rVB2	2373990	4298063	13.58%	0.526%
25	6.457	619	624	630	rVB3	3184967	5475038	17.30%	0.670%
26	6.540	630	638	643	rBV4	4330917	10502801	33.20%	1.286%
27	6.604	643	649	651	rBV3	3538893	6105880	19.30%	0.748%
28	6.634	651	654	664	rVB2	5566297	9670587	30.56%	1.184%
29	6.728	664	670	673	rBV2	3111549	5619578	17.76%	0.688%
30	6.769	673	677	684	rVB2	8239814	15555286	49.16%	1.905%
31	6.951	703	708	713	rBV6	2556745	4799699	15.17%	0.588%
32	7.004	713	717	721	rBV2	3471108	4765302	15.06%	0.583%
33	7.046	721	724	728	rBV2	3300214	4011697	12.68%	0.491%
34	7.110	728	735	744	rVV3	5340014	13396761	42.34%	1.640%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

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_N\METHODS\SOM-EPA-BN040920MA.M
Title : SVOA CALIBRATION

35	7.181	744	747	756	rVB4	4743228	11007251	34.79%	1.348%
36	7.263	756	761	765	rBV	4549722	7688530	24.30%	0.941%
37	7.340	771	774	779	rVB3	3222229	4794823	15.15%	0.587%
38	7.440	786	791	793	rBV3	3380378	5845301	18.47%	0.716%
39	7.522	800	805	807	rBV3	4894226	8305216	26.25%	1.017%
40	7.545	807	809	813	rVV2	5160809	7742592	24.47%	0.948%
41	7.610	813	820	825	rVB	17524945	31639515	100.00%	3.874%
42	7.704	828	836	841	rBV4	5536339	15022499	47.48%	1.839%
43	7.816	850	855	858	rBV2	5918985	8518492	26.92%	1.043%
44	7.851	858	861	864	rVV3	3663521	5930984	18.75%	0.726%
45	7.898	864	869	877	rVB4	8115365	20001458	63.22%	2.449%
46	7.969	877	881	884	rBV2	2186832	2691926	8.51%	0.330%
47	8.057	892	896	900	rBV2	4384641	6633285	20.97%	0.812%
48	8.098	900	903	906	rVV	3396574	5930316	18.74%	0.726%
49	8.157	908	913	918	rVV3	9669424	19171547	60.59%	2.347%
50	8.210	918	922	924	rVV	3114616	4327962	13.68%	0.530%
51	8.245	924	928	932	rVV2	4574459	6523302	20.62%	0.799%
52	8.298	932	937	943	rVB4	5242208	10193097	32.22%	1.248%
53	8.428	951	959	963	rVB2	6186859	12417657	39.25%	1.520%
54	8.487	963	969	973	rBV4	2678719	5501047	17.39%	0.674%
55	8.604	983	989	993	rVB2	3461981	5683637	17.96%	0.696%
56	8.704	993	1006	1015	rBV2	10483573	28365575	89.65%	3.473%
57	8.798	1015	1022	1027	rBV4	4322916	8908327	28.16%	1.091%
58	8.951	1038	1048	1055	rVB8	7634959	23835008	75.33%	2.918%
59	9.040	1055	1063	1066	rBV5	4164112	11366248	35.92%	1.392%
60	9.092	1066	1072	1078	rVB3	5332129	13288900	42.00%	1.627%
61	9.187	1081	1088	1091	rBV4	3708853	8620074	27.24%	1.055%
62	9.251	1096	1099	1102	rVV	7296380	12570011	39.73%	1.539%
63	9.304	1106	1108	1116	rVV4	4795240	7631427	24.12%	0.934%
64	9.375	1116	1120	1127	rVV	2875705	4570280	14.44%	0.560%
65	9.475	1130	1137	1142	rVV5	4590480	12806333	40.48%	1.568%
66	9.522	1142	1145	1148	rVV2	3768003	5327766	16.84%	0.652%
67	9.587	1148	1156	1162	rVV4	5815266	15915478	50.30%	1.949%
68	9.663	1164	1169	1176	rVV2	3716411	7974686	25.20%	0.976%
69	9.745	1179	1183	1185	rVV2	2313099	3553452	11.23%	0.435%
70	9.781	1186	1189	1194	rVV2	3487289	6086962	19.24%	0.745%
71	9.845	1196	1200	1205	rVB4	3475378	5954665	18.82%	0.729%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

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_N\METHODS\SOM-EPA-BN040920MA.M
Title : SVOA CALIBRATION

72	9.934	1210	1215	1218	rBV2	3247794	5404405	17.08%	0.662%
73	9.975	1218	1222	1232	rVB4	3102889	7466819	23.60%	0.914%
74	10.081	1234	1240	1245	rVB	2336177	4124413	13.04%	0.505%
75	10.245	1264	1268	1271	rBV3	2054096	3058726	9.67%	0.375%
76	10.281	1271	1274	1279	rVB3	1937885	2984619	9.43%	0.365%
77	10.357	1279	1287	1292	rBV2	4283094	8993038	28.42%	1.101%
78	10.410	1292	1296	1301	rVB3	1766968	2790320	8.82%	0.342%
79	10.492	1306	1310	1316	rVB3	2281481	4518156	14.28%	0.553%
80	10.557	1316	1321	1324	rBV	3511386	5097365	16.11%	0.624%
81	10.787	1355	1360	1370	rVB5	1248425	3531361	11.16%	0.432%
82	11.410	1460	1466	1471	rBV2	1527374	2911432	9.20%	0.356%
83	12.022	1564	1570	1579	rVB	1556143	2793393	8.83%	0.342%
84	13.910	1885	1891	1896	rBV	2252606	3199093	10.11%	0.392%
85	14.222	1937	1944	1950	rBV	3905339	5749290	18.17%	0.704%
86	15.216	2108	2113	2119	rVV	2853705	4189169	13.24%	0.513%
87	16.969	2406	2411	2416	rBV	4785806	6647281	21.01%	0.814%
88	17.069	2423	2428	2438	rVB	3366470	5017012	15.86%	0.614%
89	17.904	2565	2570	2574	rBV2	3031047	4097717	12.95%	0.502%
90	18.333	2639	2643	2648	rVB2	3222693	4922480	15.56%	0.603%
91	18.610	2685	2690	2696	rVB	13374404	17213292	54.40%	2.108%
92	18.739	2707	2712	2716	rBV	2404006	4162823	13.16%	0.510%
93	19.110	2770	2775	2783	rVB	7468650	9705279	30.67%	1.188%
94	19.374	2815	2820	2826	rBV	3692626	5317444	16.81%	0.651%
95	19.833	2894	2898	2902	rVB	4118669	4791652	15.14%	0.587%
96	21.174	3121	3126	3131	rVB	6485077	8069567	25.50%	0.988%
97	23.203	3466	3471	3478	rVB	2821272	4720510	14.92%	0.578%
98	23.345	3489	3495	3502	rVB	4289610	7571920	23.93%	0.927%
99	25.527	3860	3866	3876	rVB3	1635063	4332722	13.69%	0.531%
100	26.345	3997	4005	4016	rVB3	3183913	8479124	26.80%	1.038%

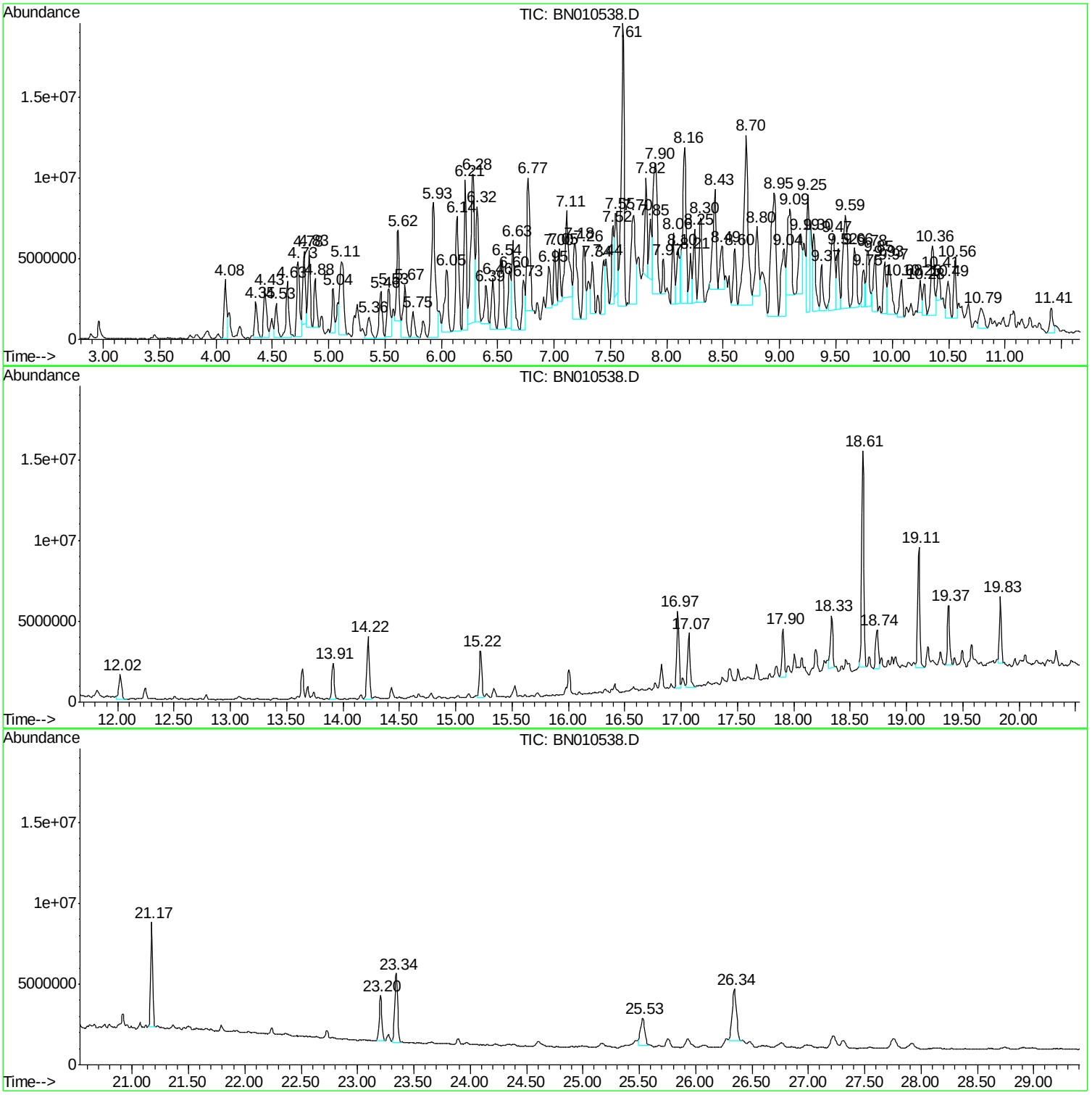
Sum of corrected areas: 816723417

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.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 N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

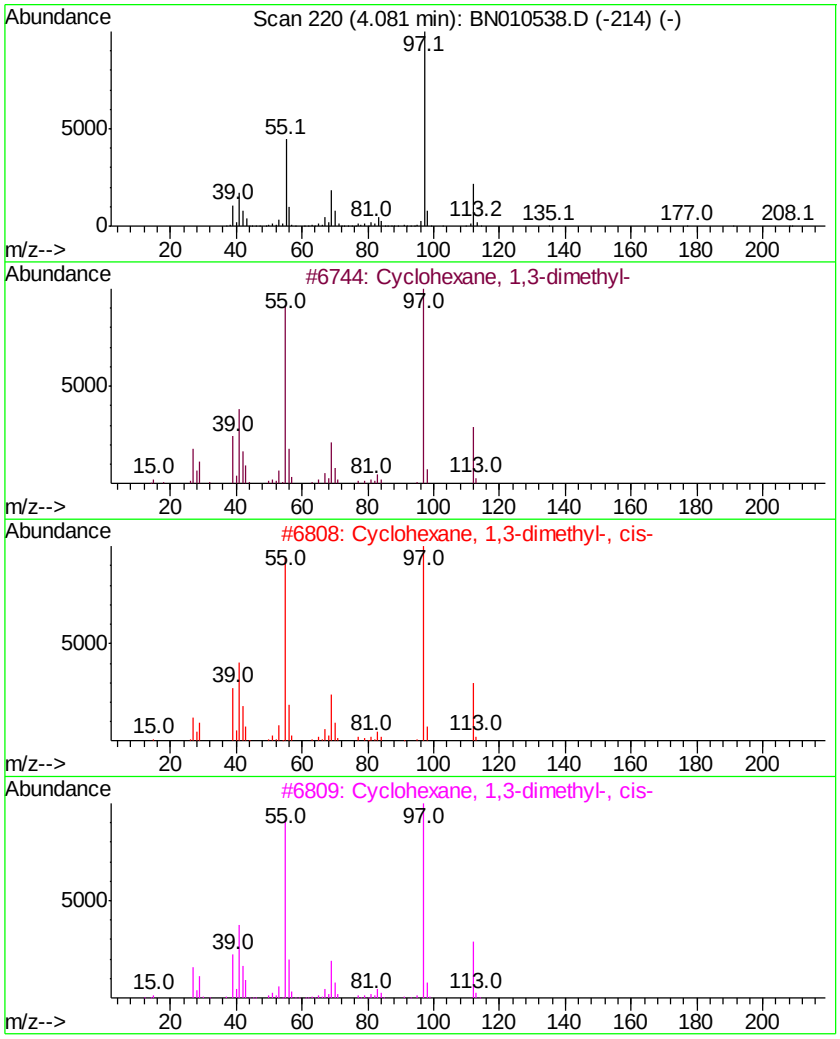
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

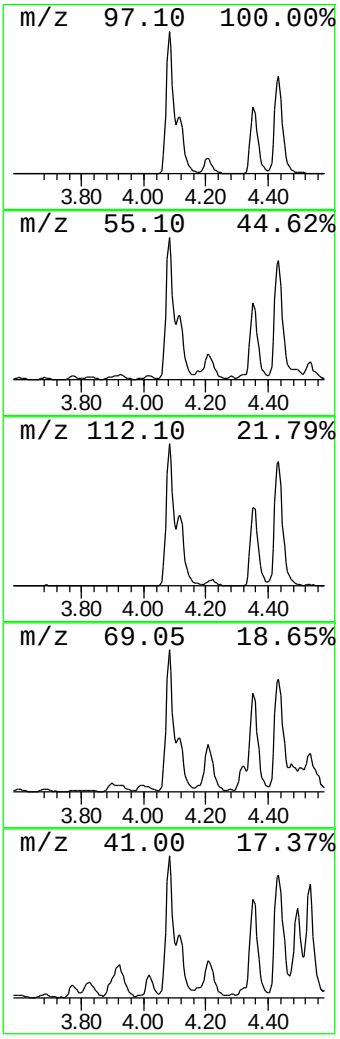
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic4.08 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	3.77 ng/ul	5968280	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	91
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

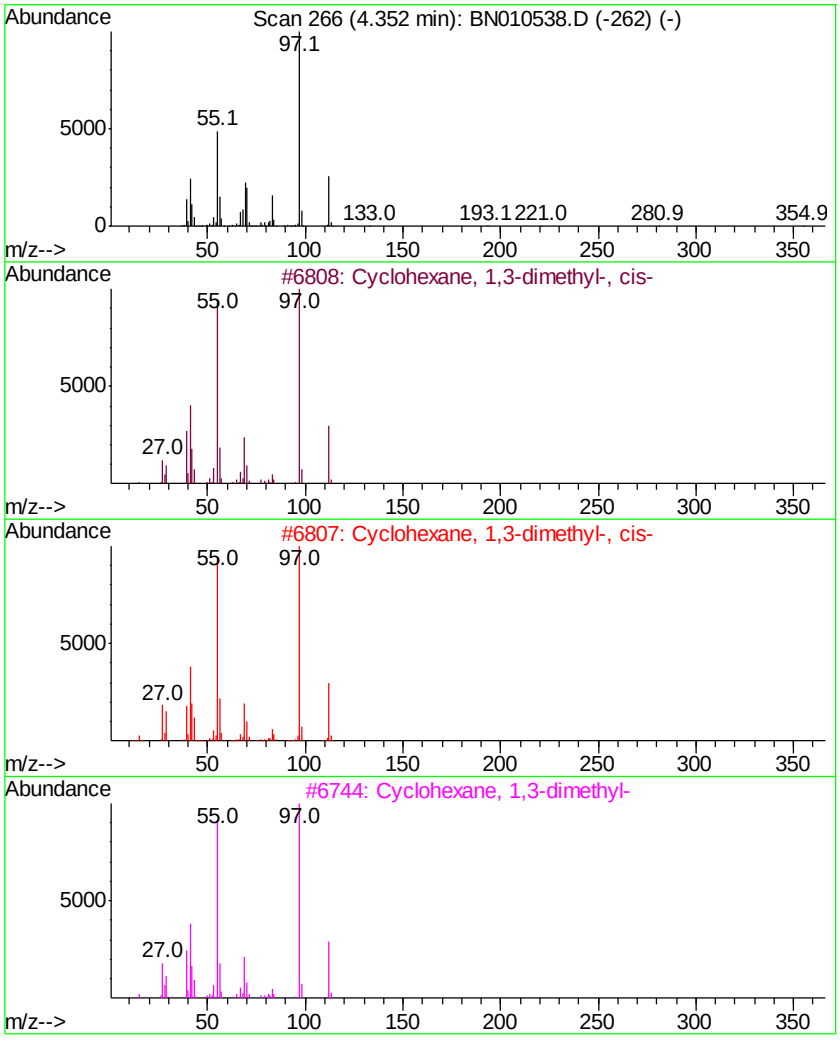
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

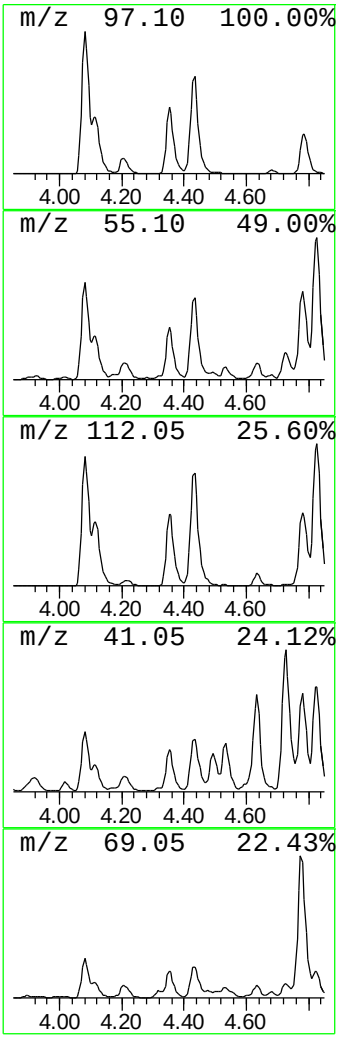
****

Peak Number 2 (DEL) Alkane: Cyclic4.35 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.25 ng/ul	3556790	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	64
4	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
5	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

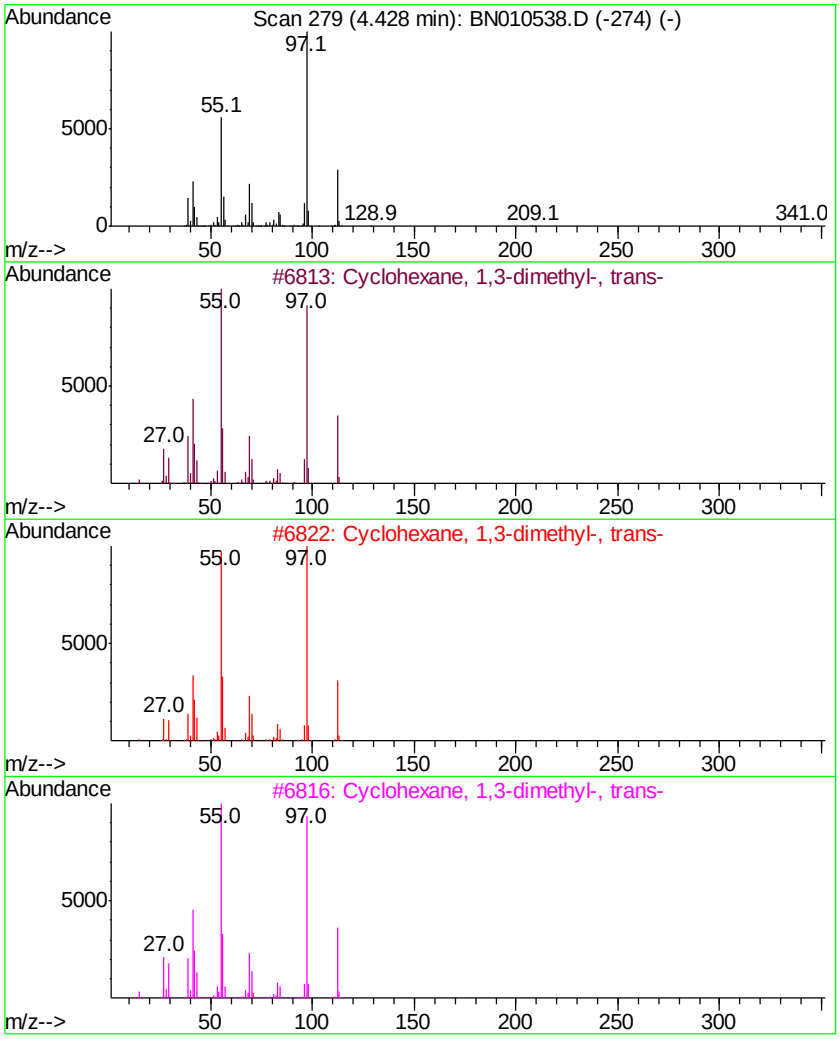
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

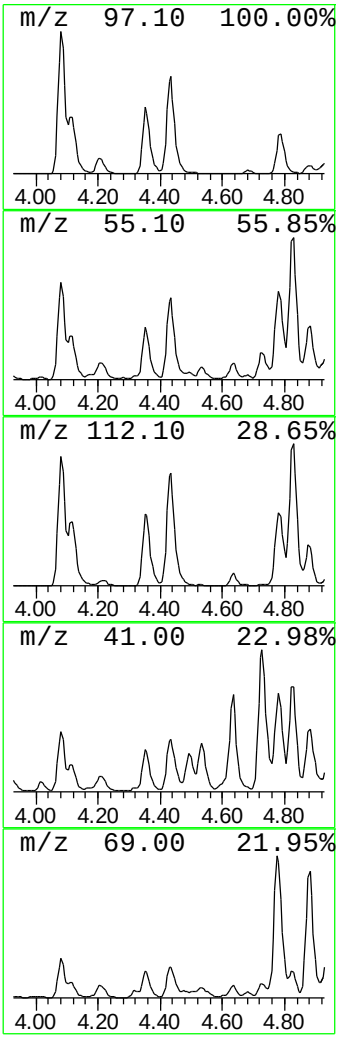
****

Peak Number 3 (DEL) Alkane: Cyclic4.43 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.43	3.57 ng/ul	5642670	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

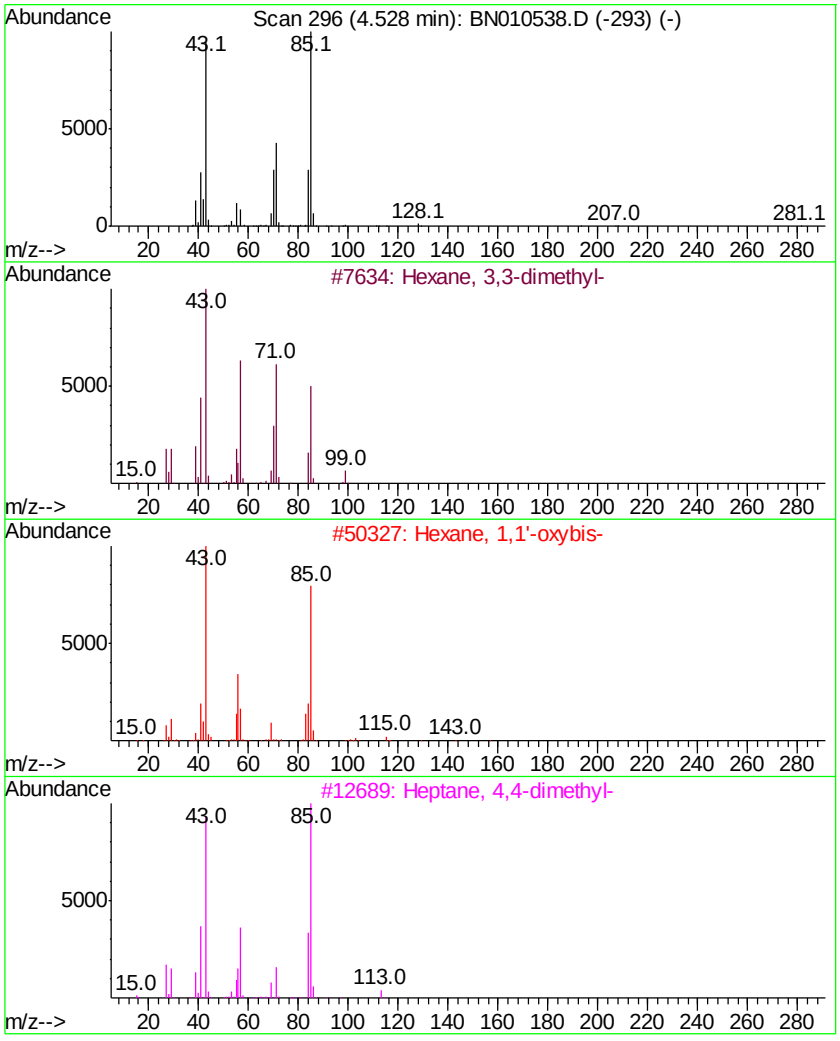
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

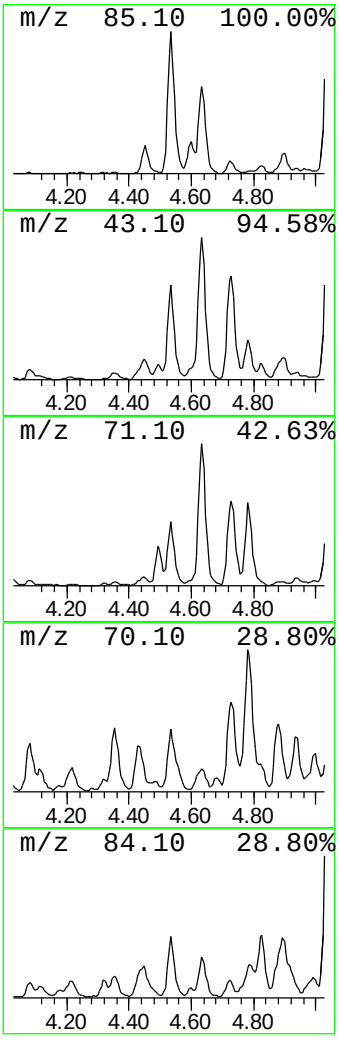
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	2.13 ng/ul	3373870	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
3	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	50
4	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	47
5	Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

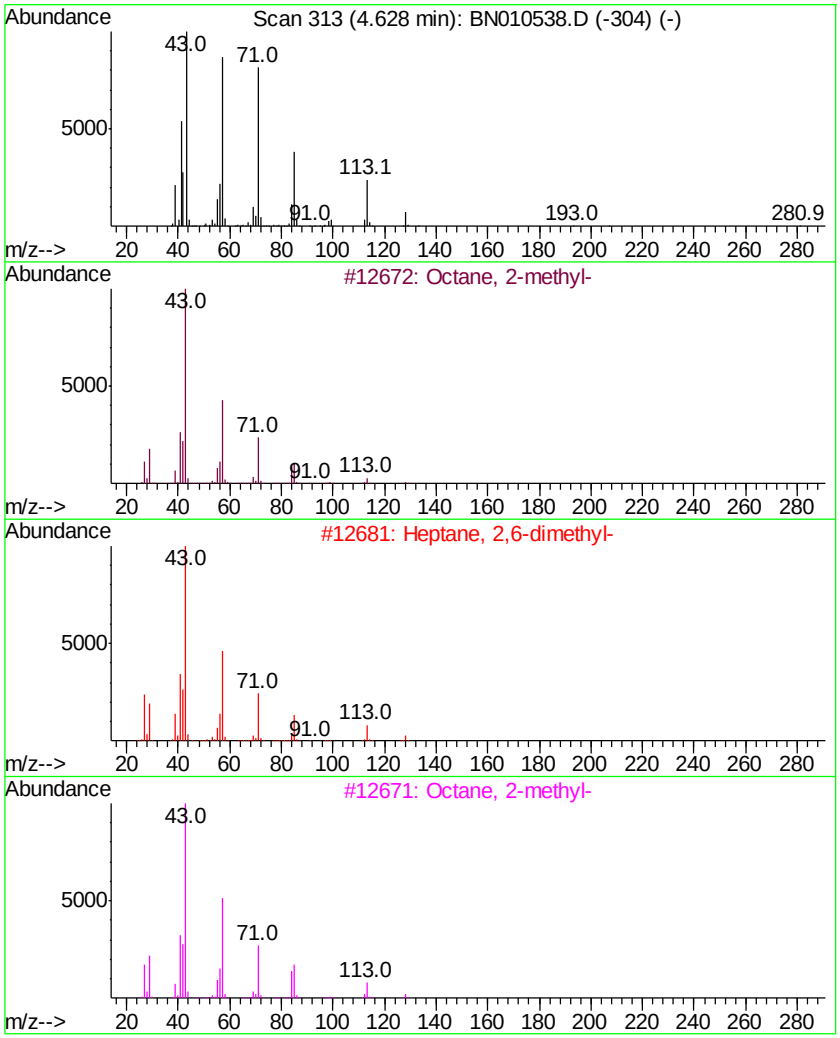
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

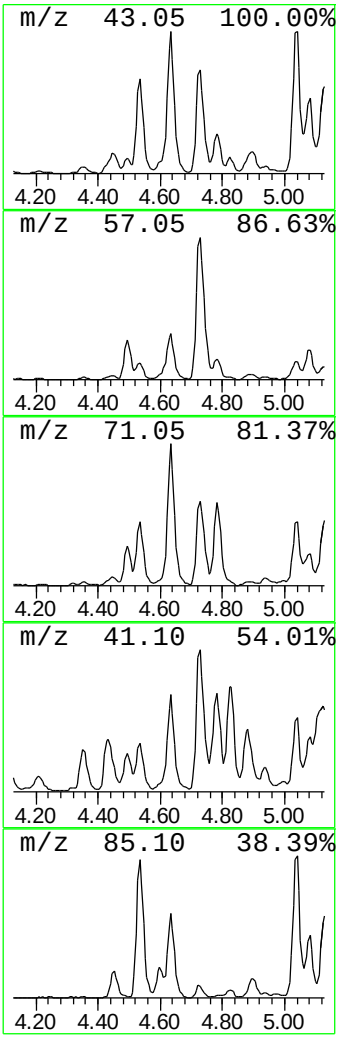
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	3.73 ng/ul	5897360	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	81
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	76
3	Octane, 2-methyl-	128	C9H20	003221-61-2	62
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

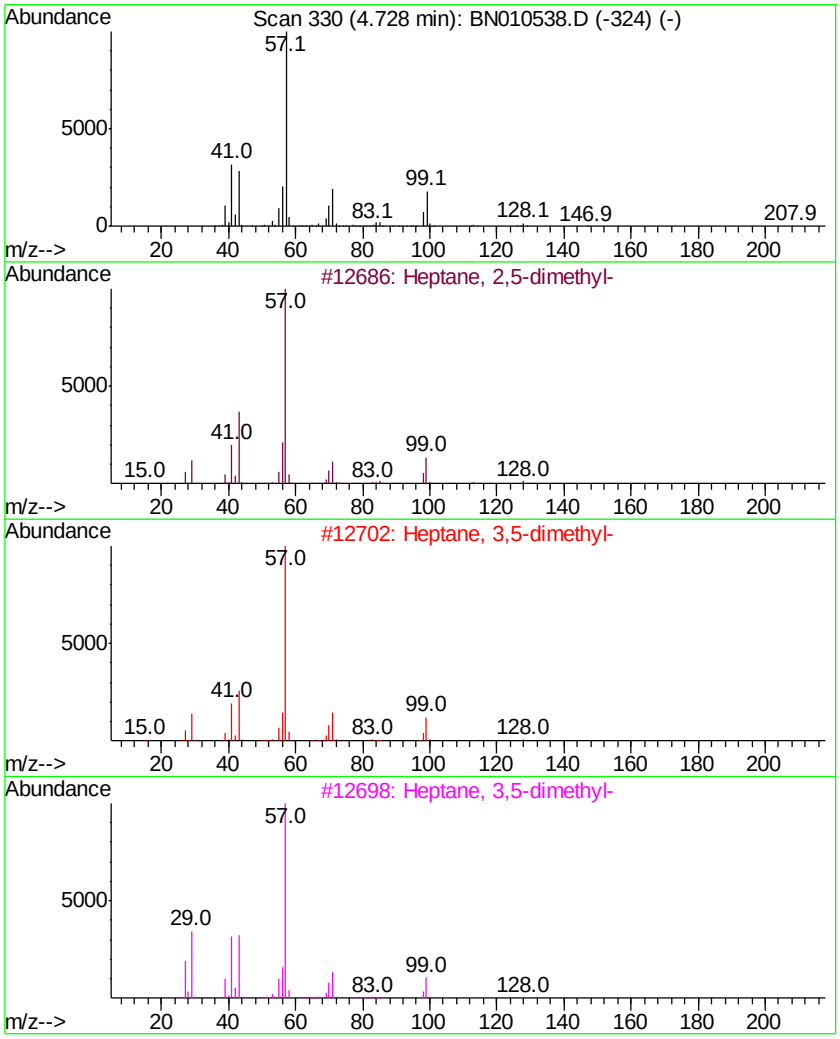
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

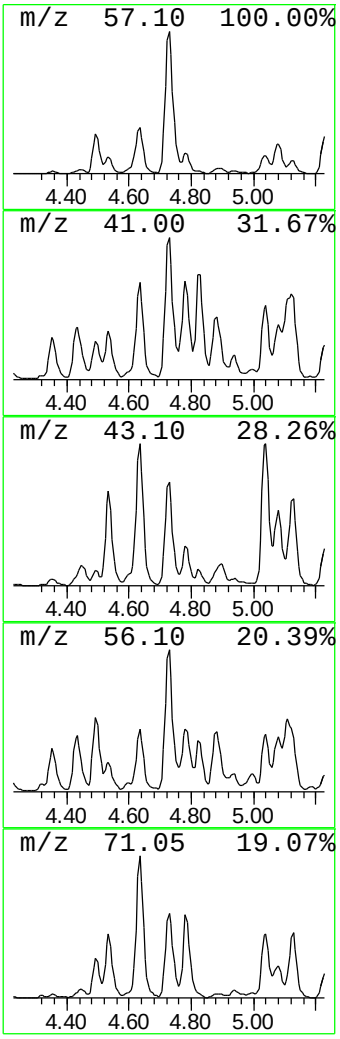
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	5.26 ng/ul	8323350	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

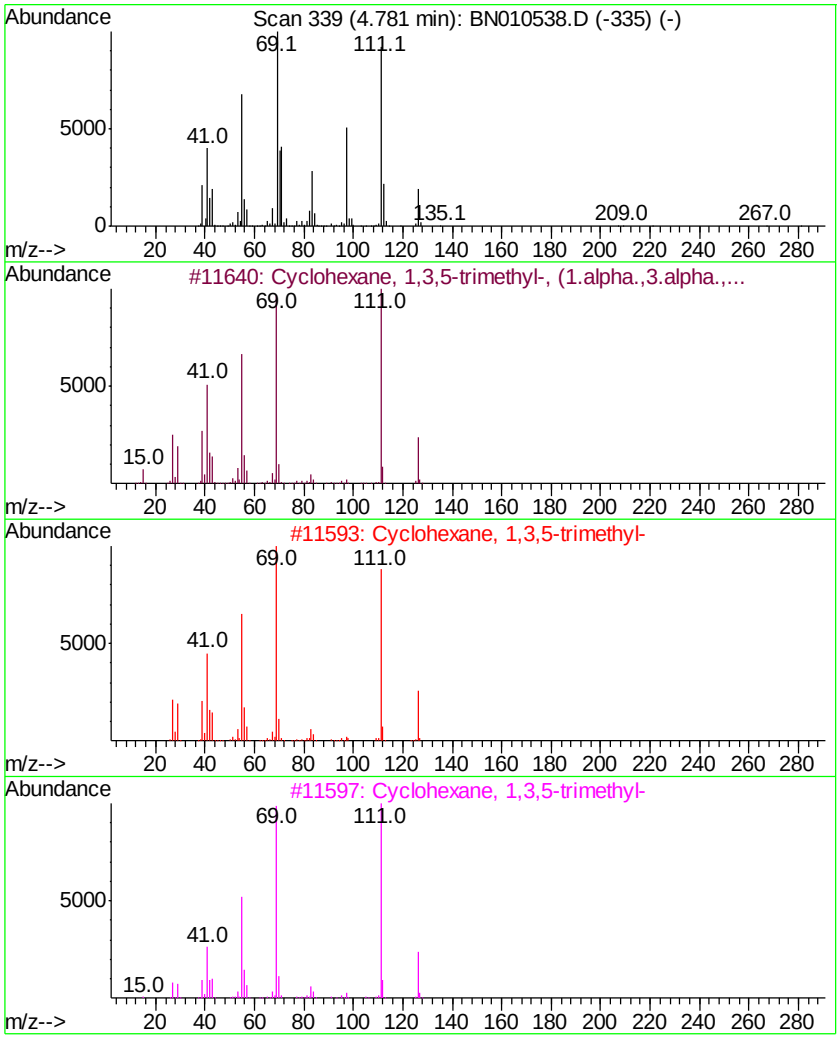
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

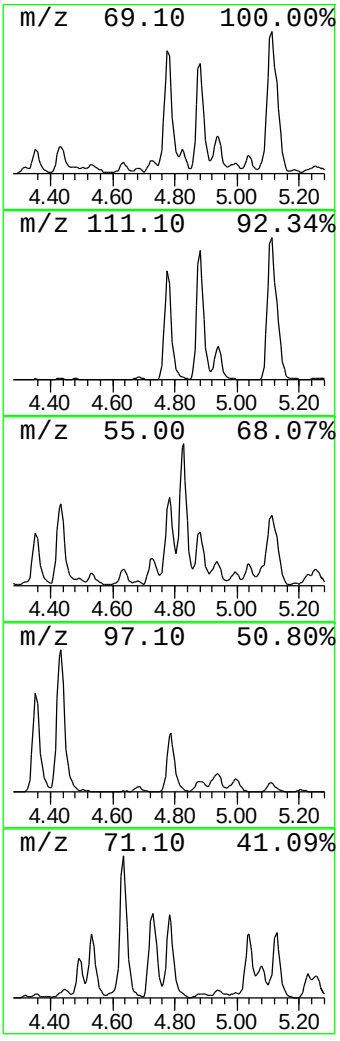
****

Peak Number 7 (DEL) Alkane: Cyclic4.78 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	4.39 ng/ul	6944120	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	55
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	49
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	46
5	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

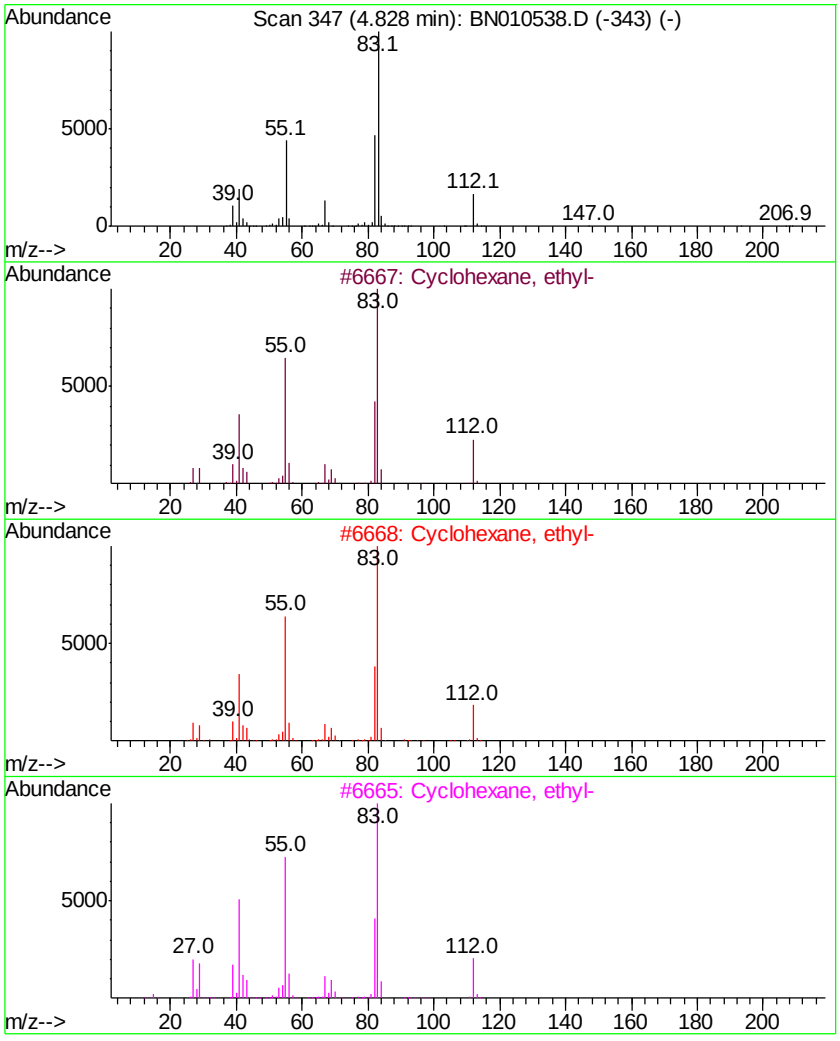
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

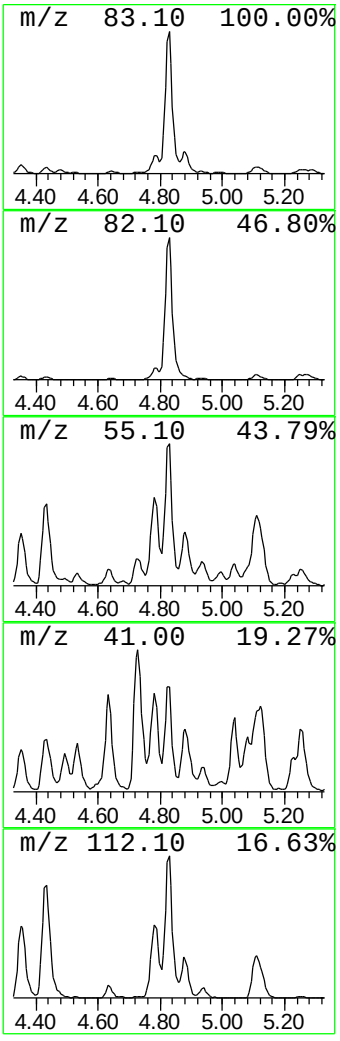
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic4.83 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	4.33 ng/ul	6845390	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
4	Oxalic acid, dicyclohexyl ester	254	C14H22O4	1000309-30-9	53
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

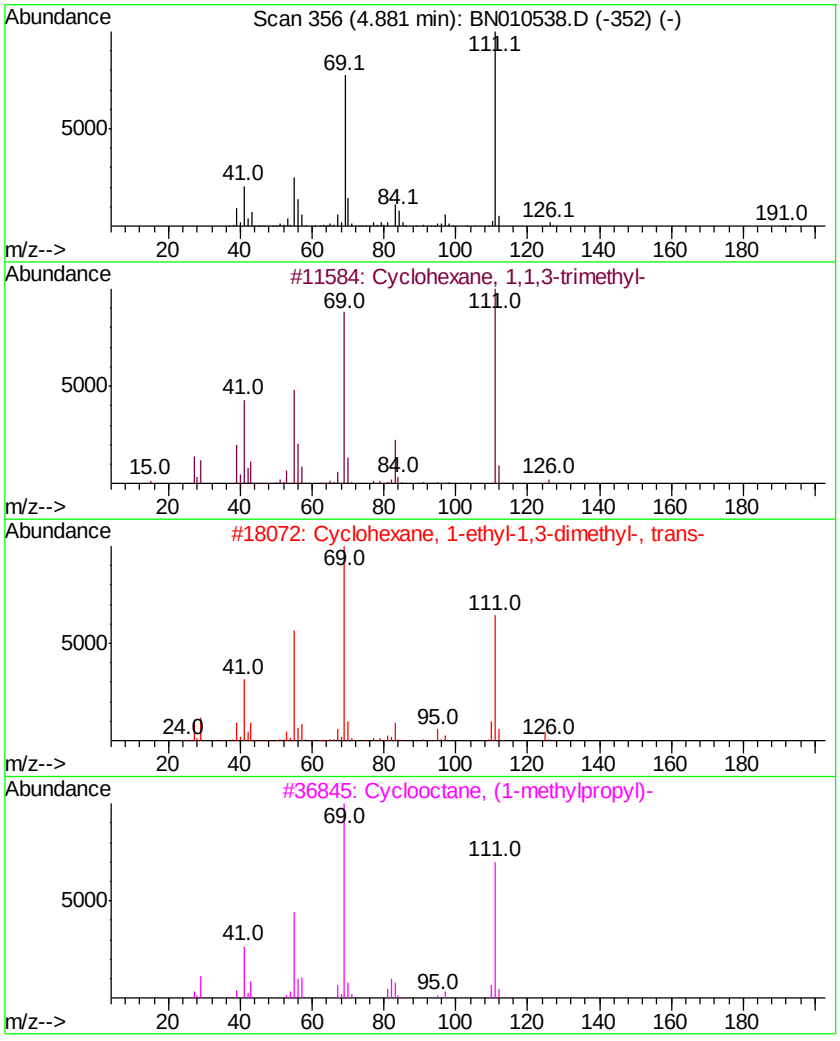
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

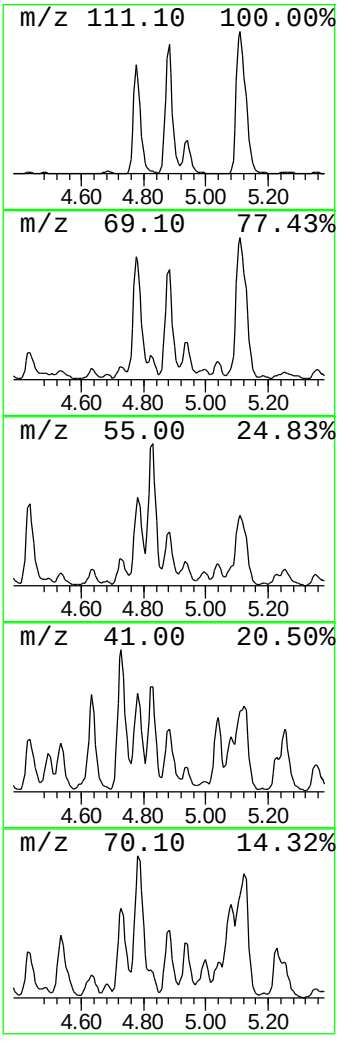
****

Peak Number 9 (DEL) Alkane: Cyclic4.88 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	2.96 ng/ul	4679740	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
2	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	78
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
4	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	50
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

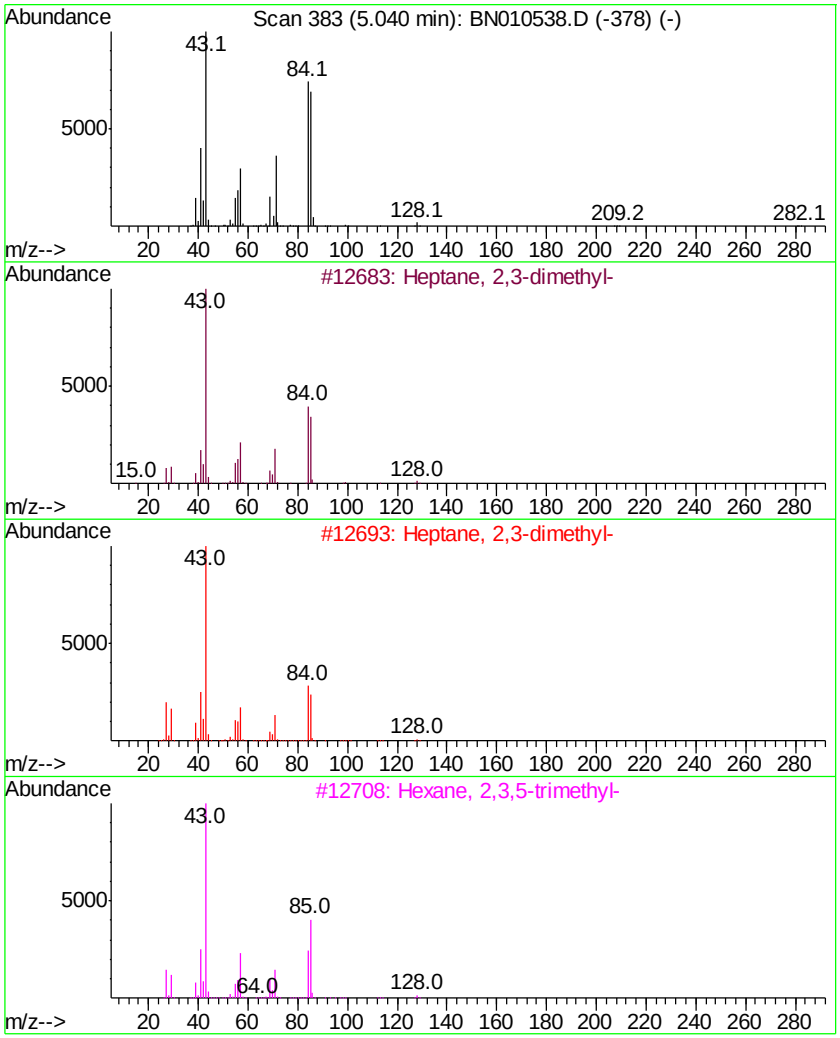
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

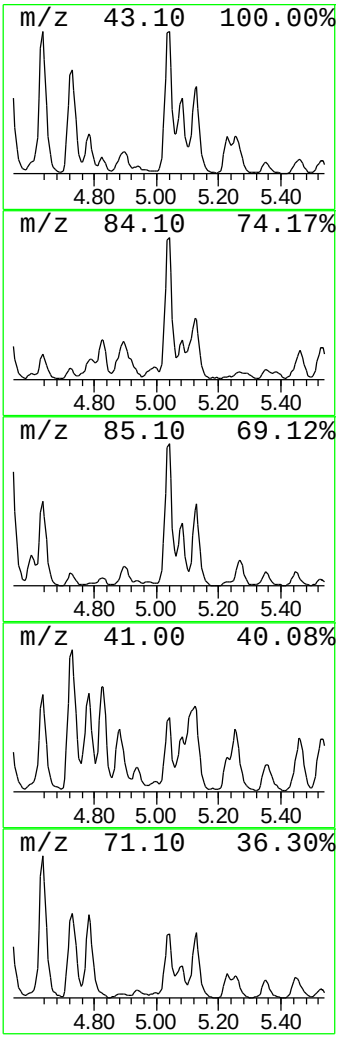
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	2.58 ng/ul	4082850	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	52
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	49
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	46
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

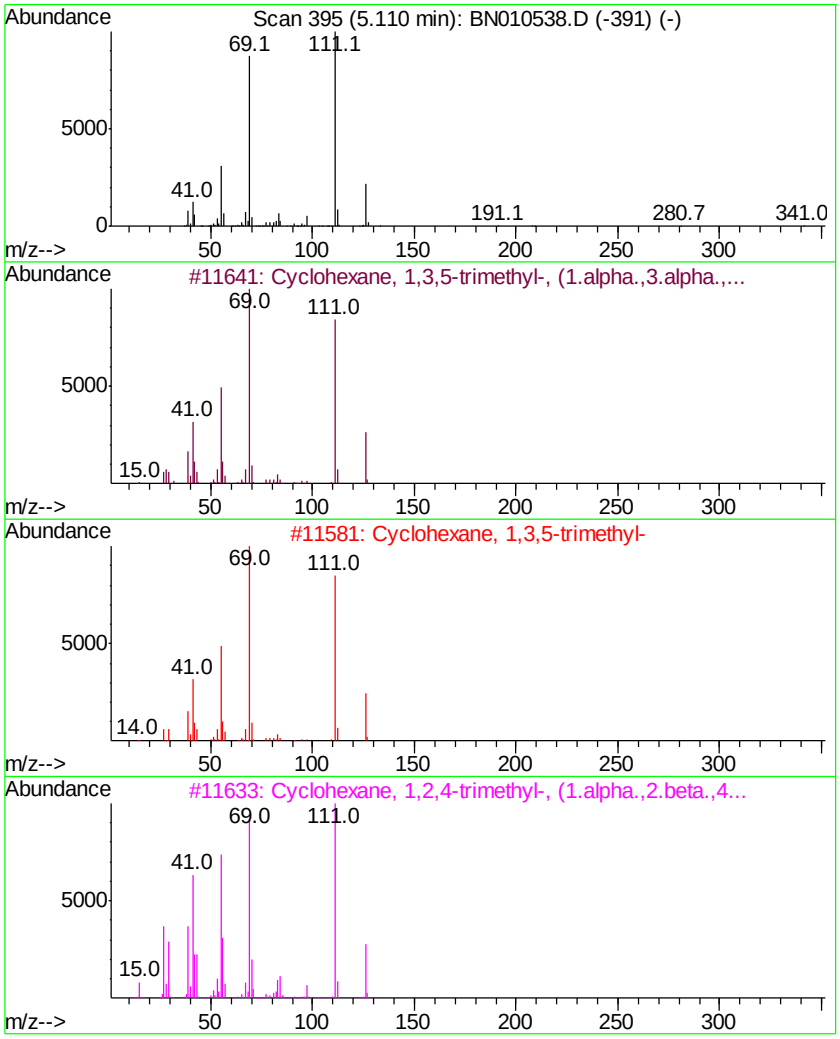
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

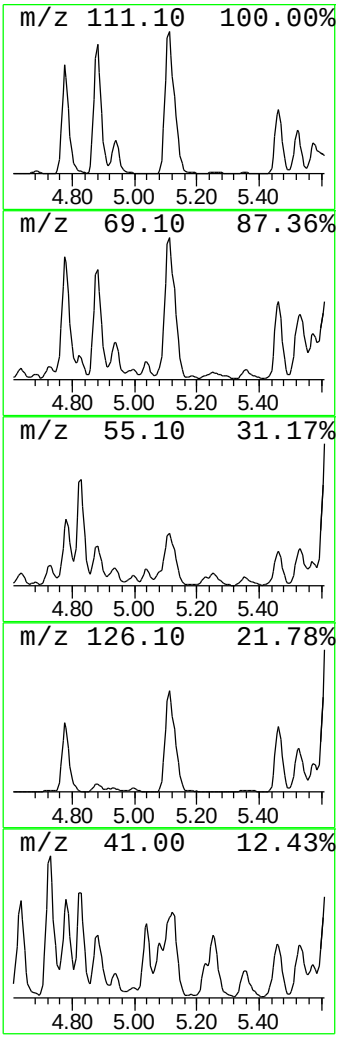
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic5.11 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	7.14 ng/ul	11290400	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

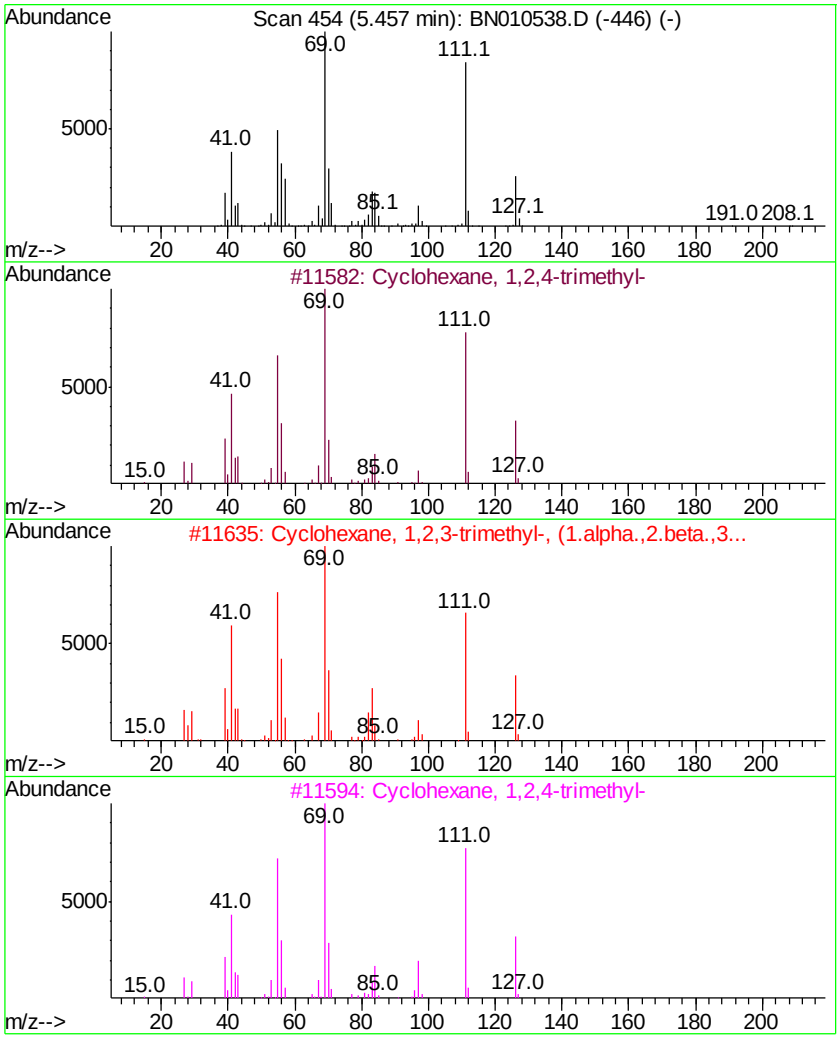
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

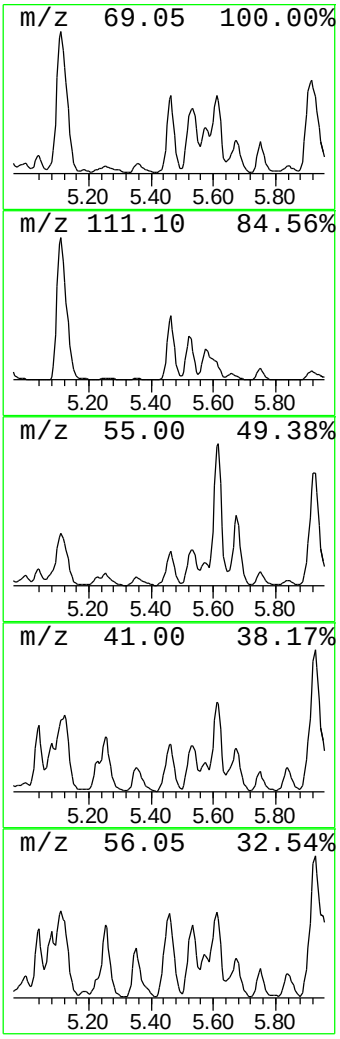
****

Peak Number 12 (DEL) Alkane: Cyclic5.46 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	3.55 ng/ul	5620420	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	93
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	90
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

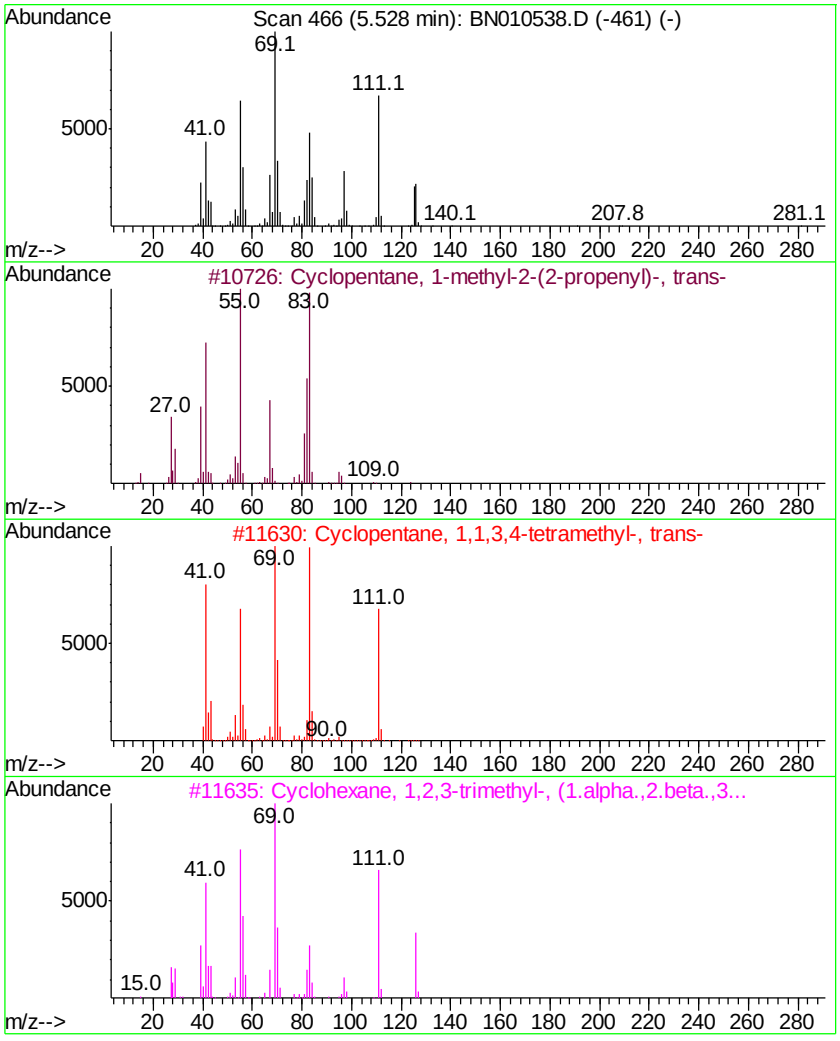
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

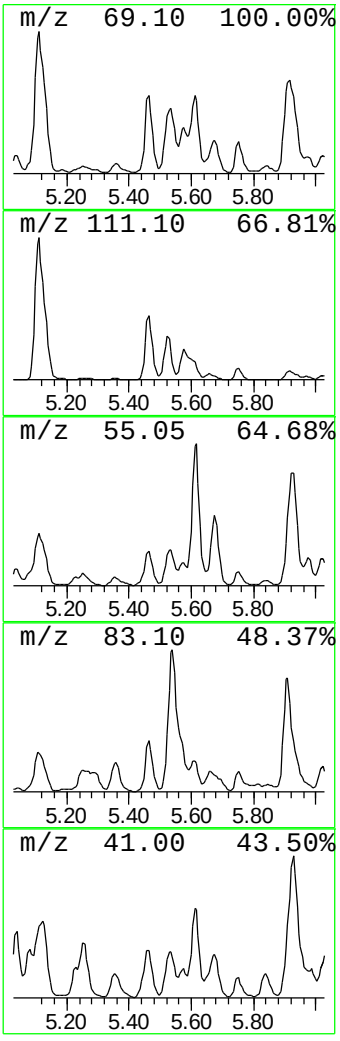
****

Peak Number 13 Cyclopentane, 1-methyl-2-(2... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	3.89 ng/ul	6153750	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	56
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	52
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	50
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

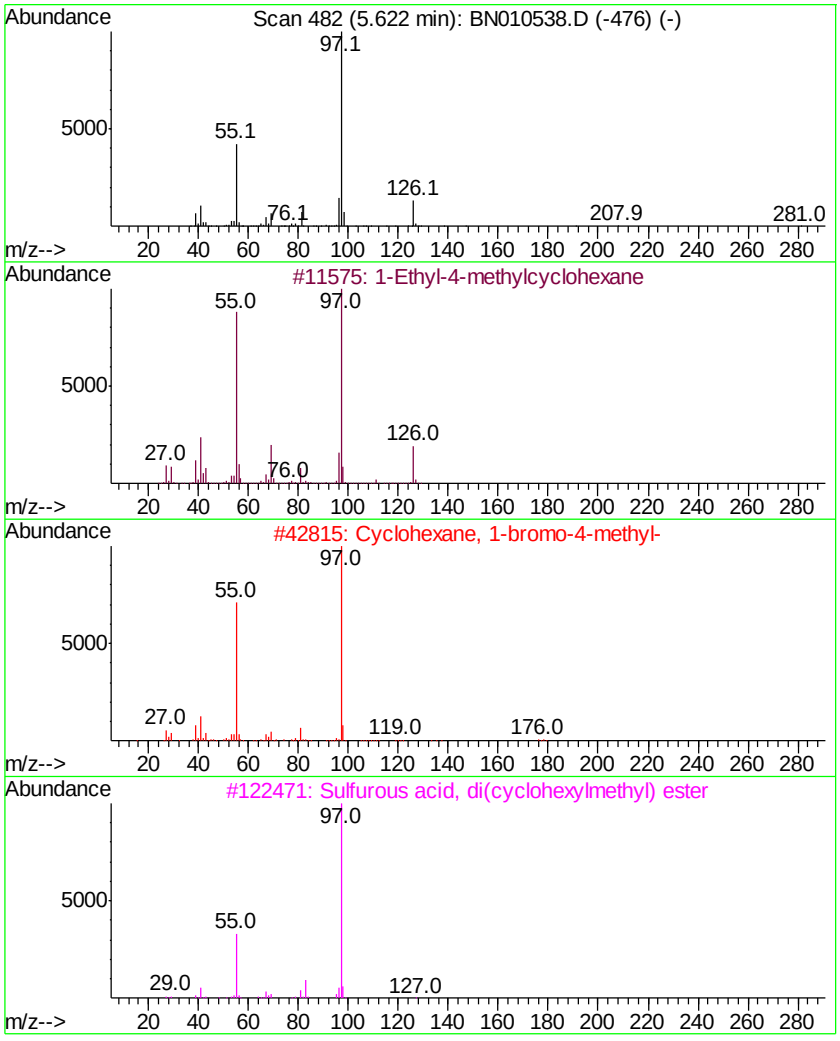
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

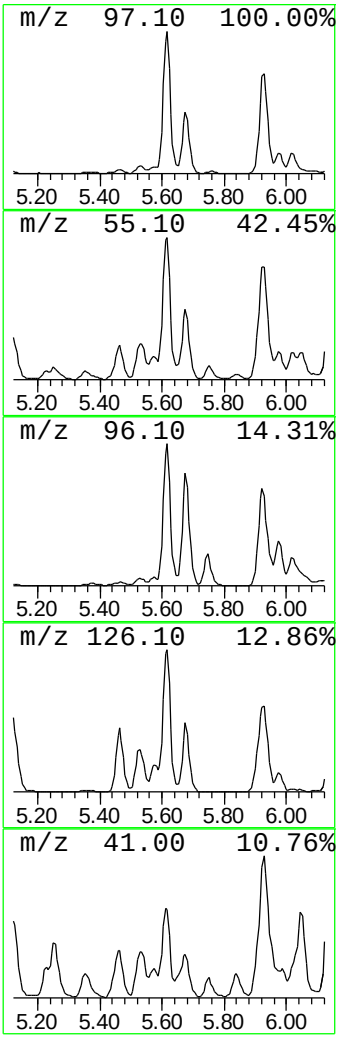
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	5.17 ng/ul	8184740	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	64
3	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	64
4	Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	59
5	4-Octen-3-one	126	C8H14O	014129-48-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

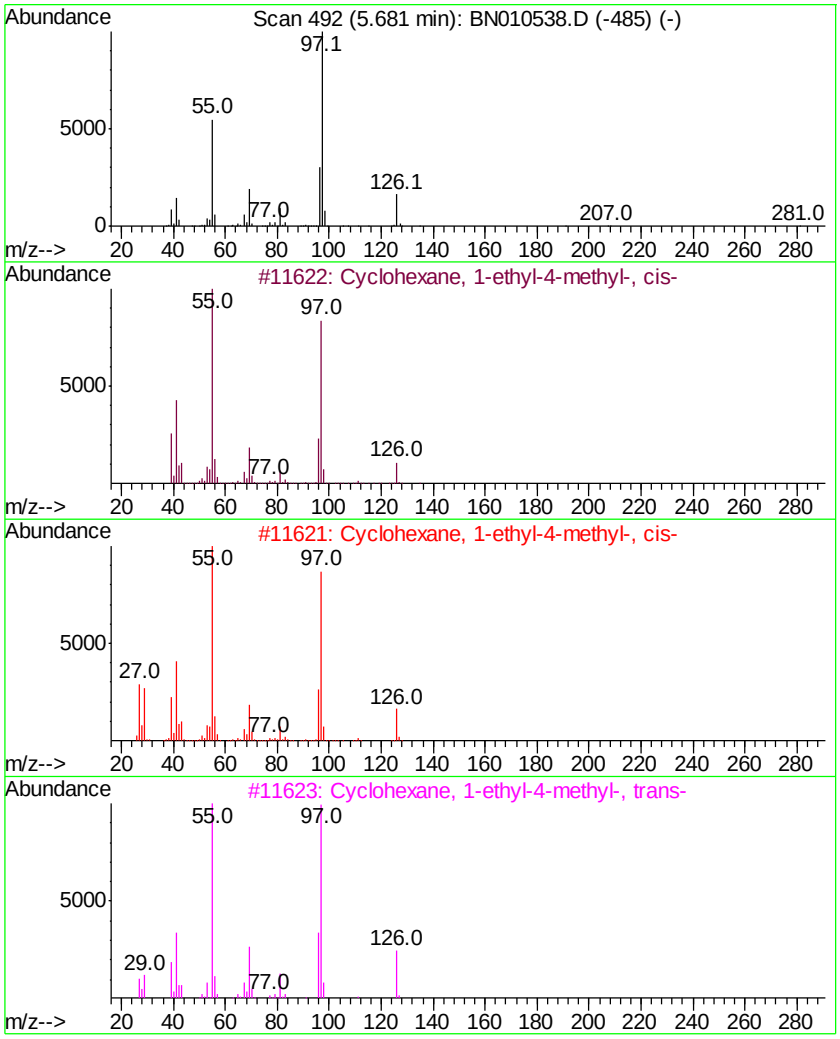
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

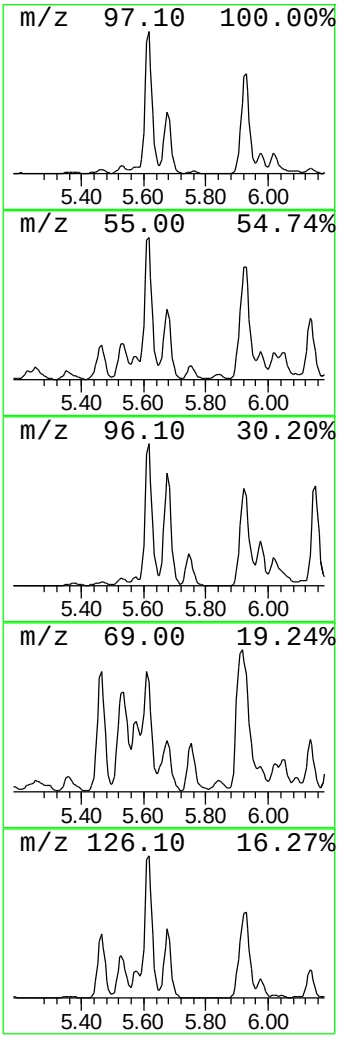
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic5.68 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	4.22 ng/ul	6682800	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

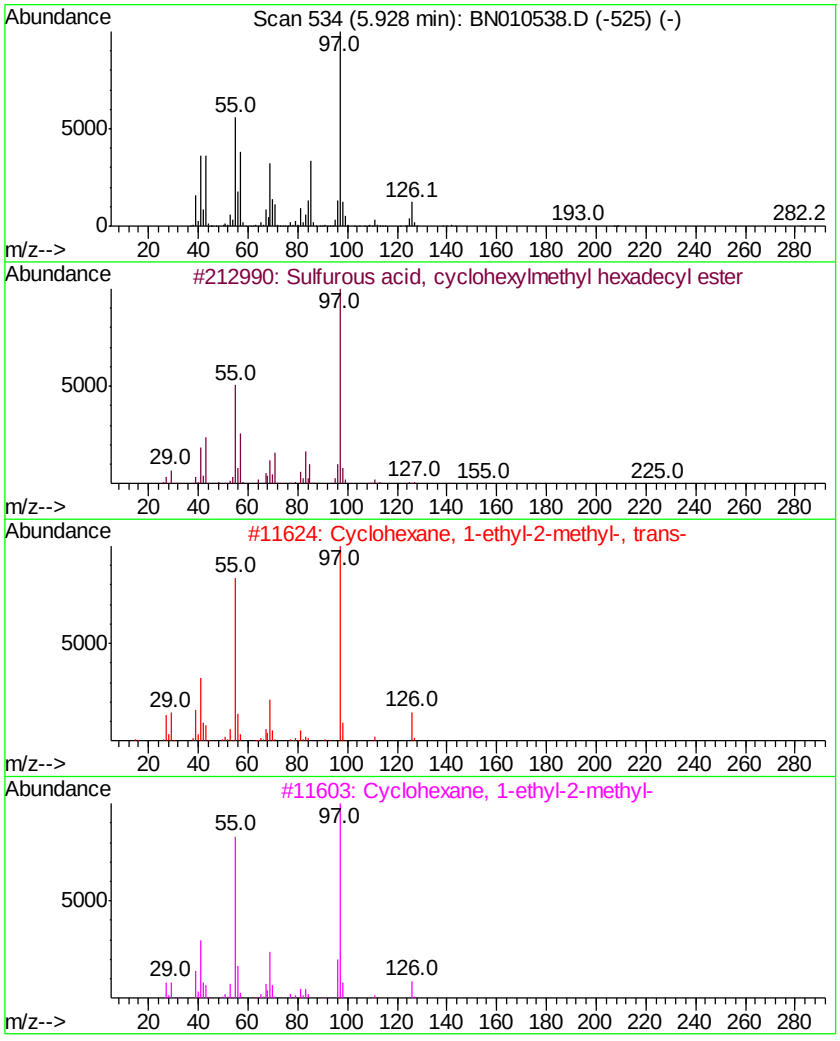
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

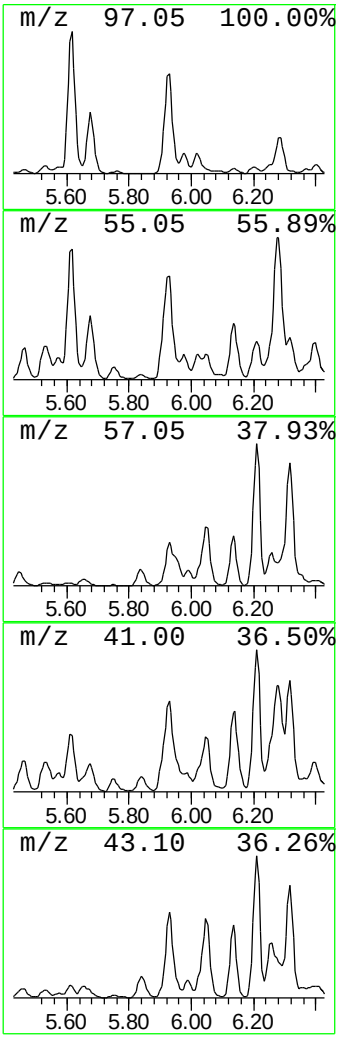
****

Peak Number 16 Sulfurous acid, cyclohexylm... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	13.08 ng/ul	20693500	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	52
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

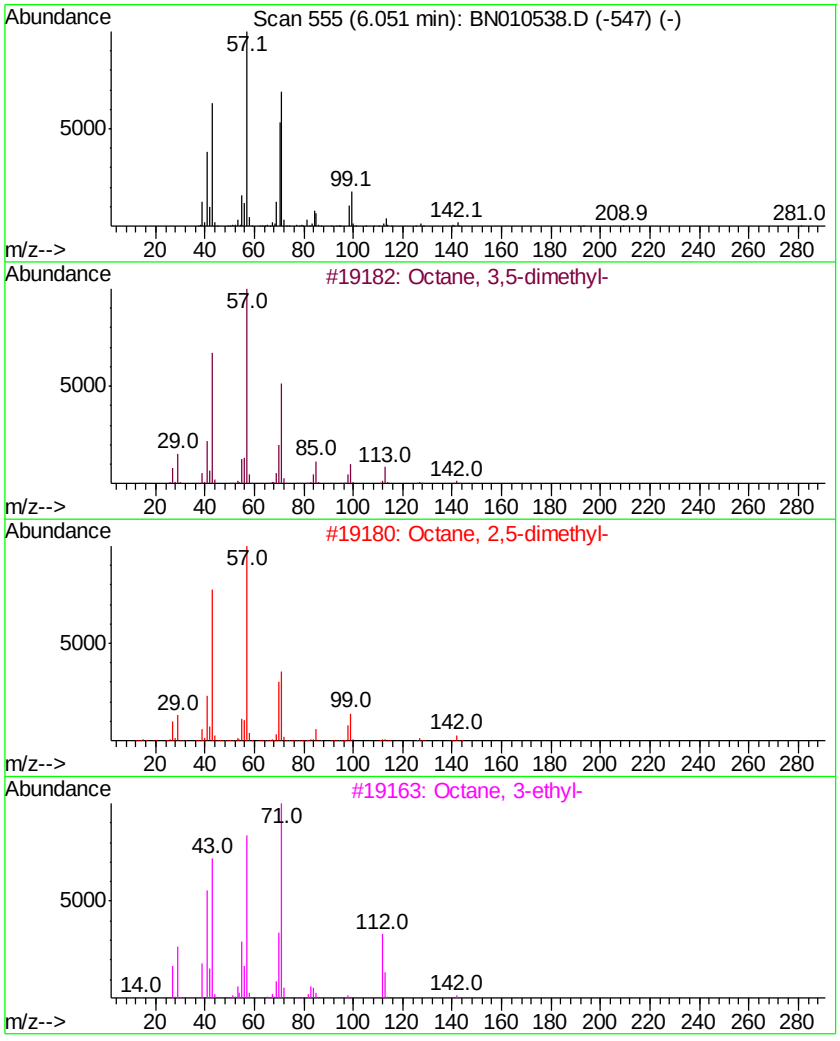
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

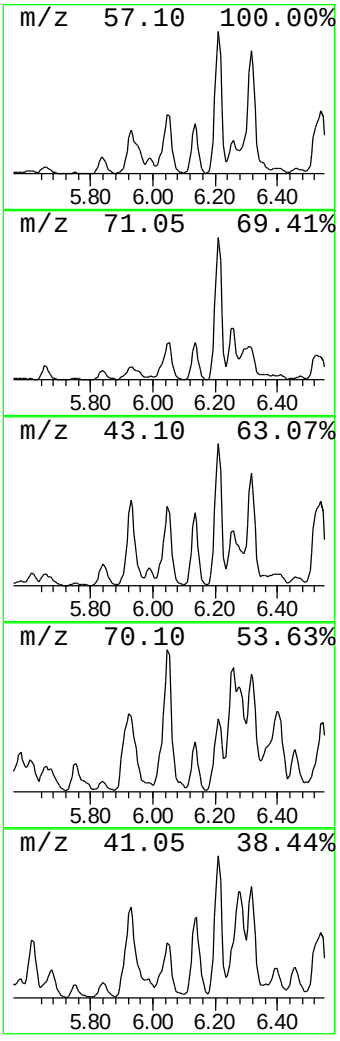
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	5.21 ng/ul	8243020	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	62
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	52
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	52
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

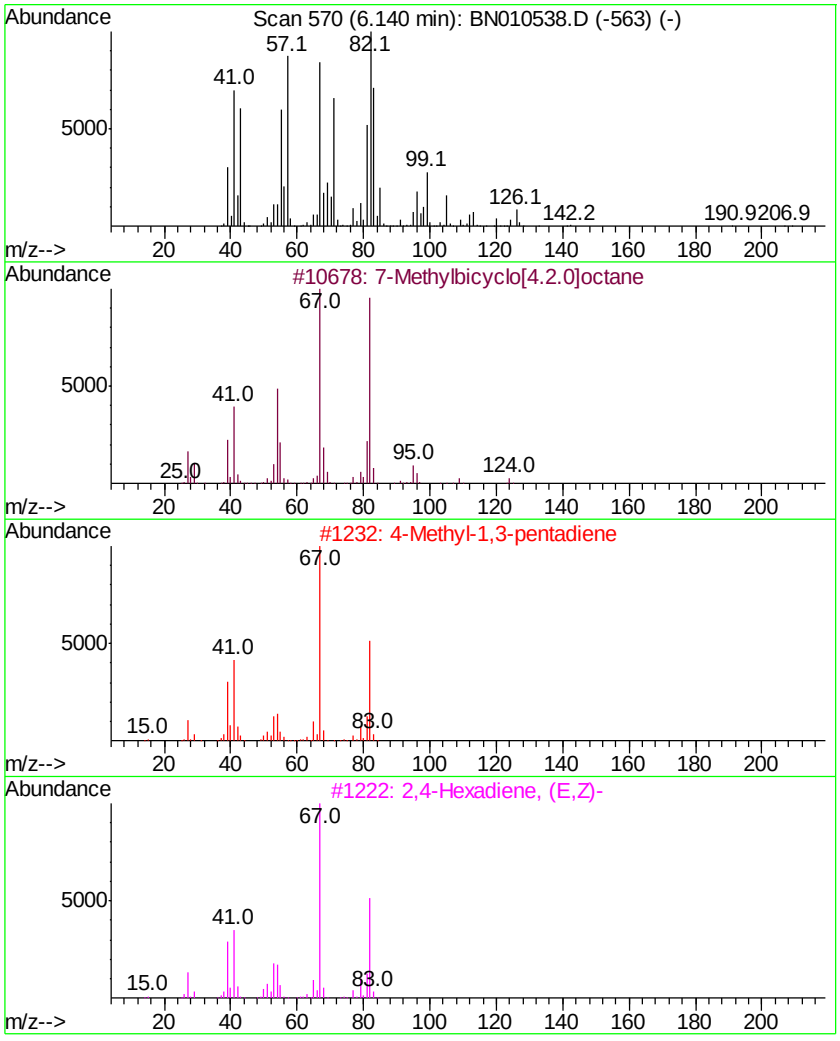
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

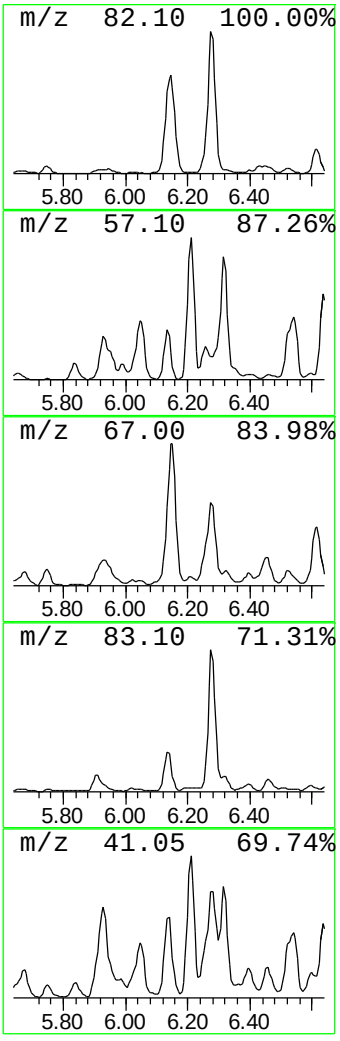
****

Peak Number 18 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	8.75 ng/ul	13836900	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	45
2	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	38
3	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	38
4	4-Hexen-1-ol, (4E)-, acetate	142	C8H14O2	1000352-71-9	35
5	Heptanonitrile	111	C7H13N	000629-08-3	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

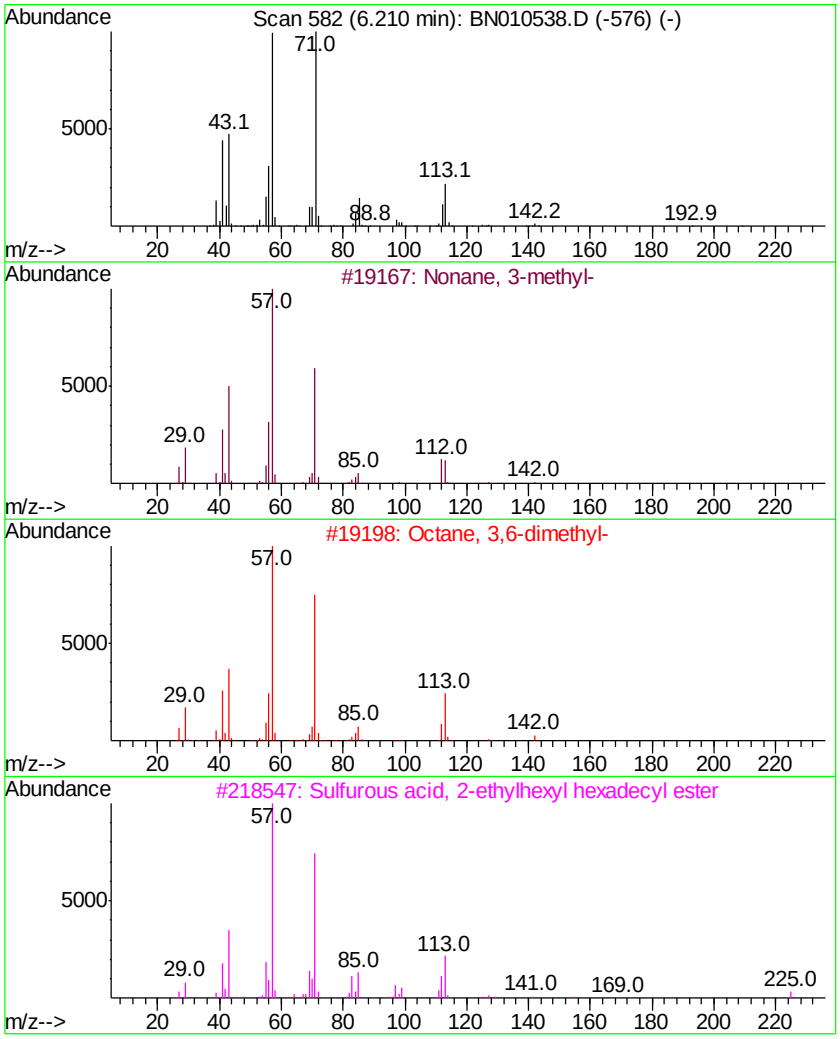
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

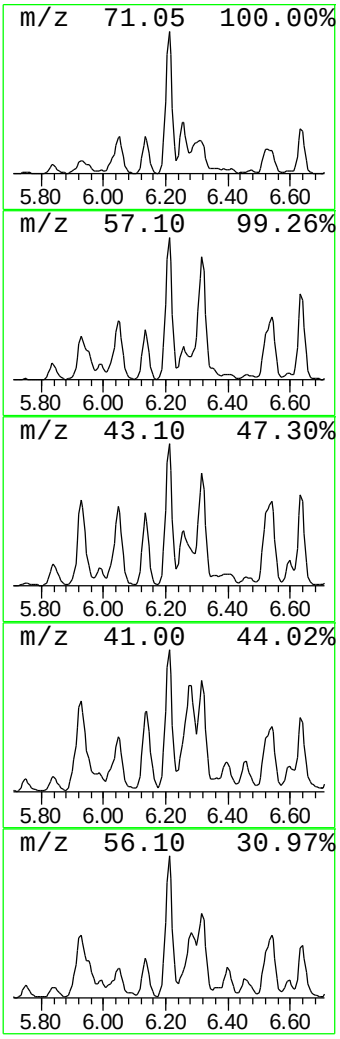
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	9.23 ng/ul	14596200	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	68
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

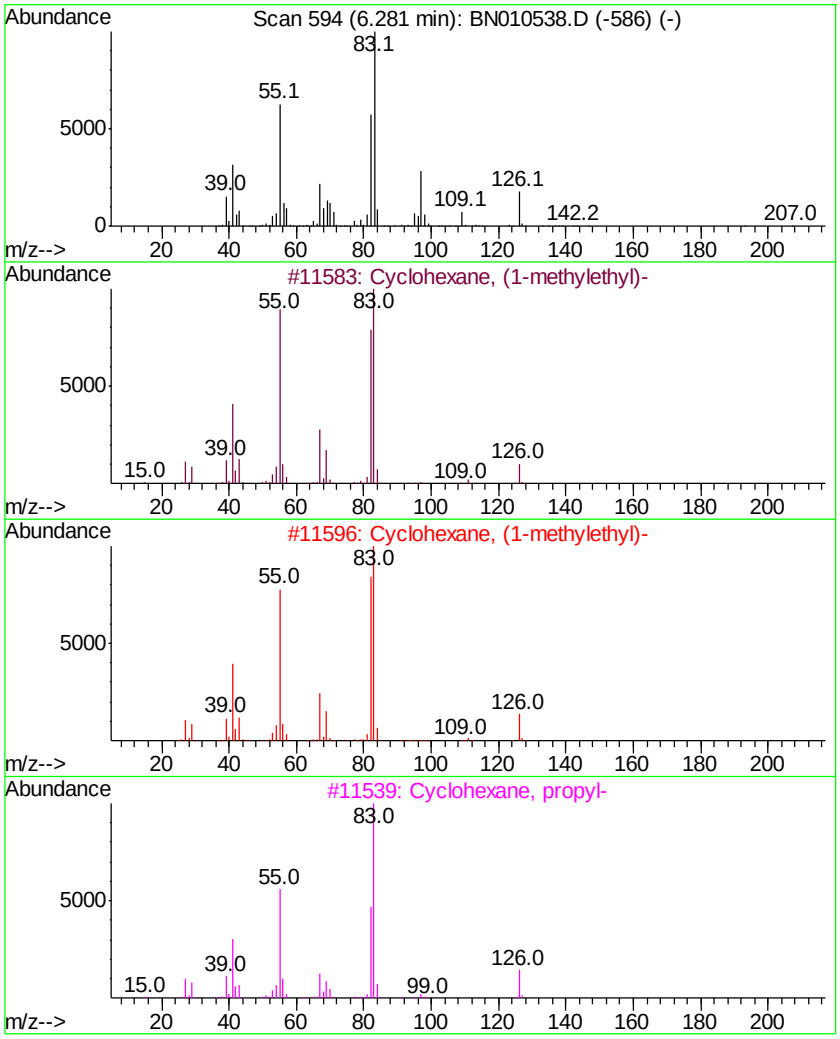
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

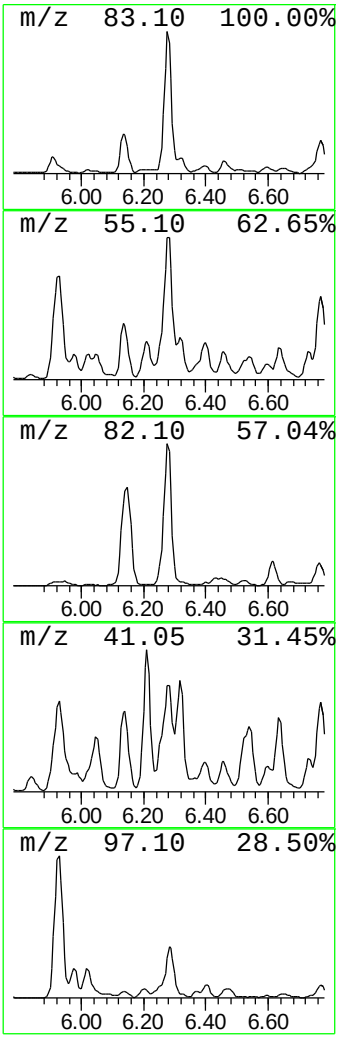
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic6.28 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	13.35 ng/ul	21113200	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

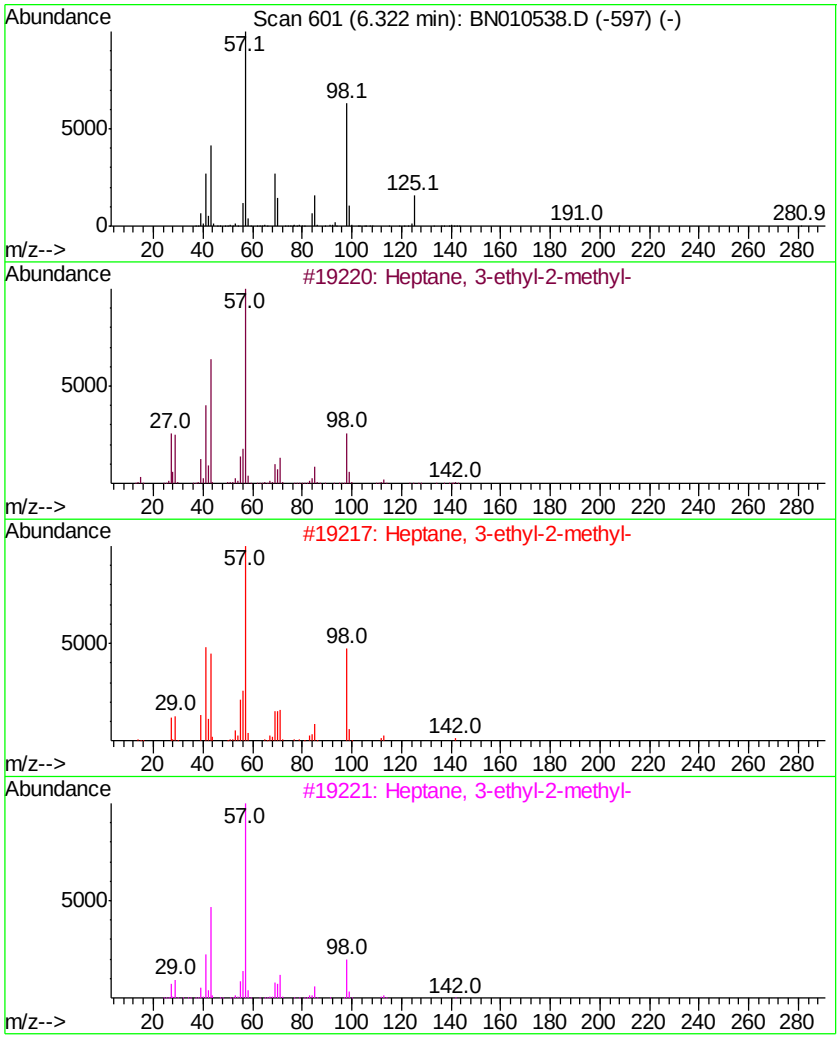
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

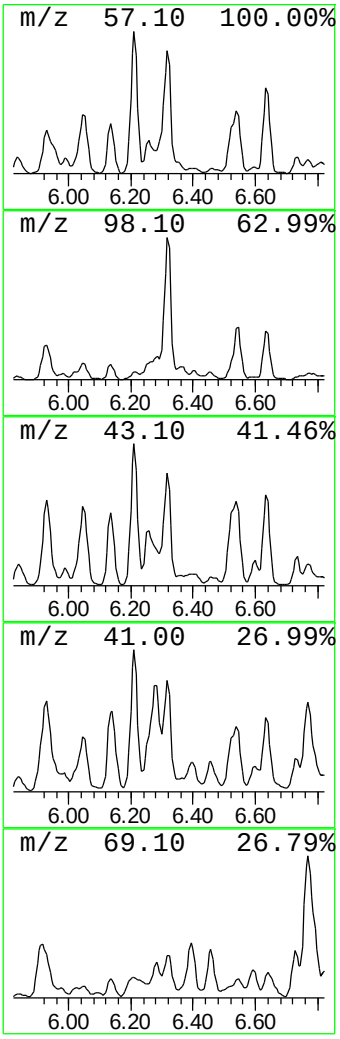
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	6.80 ng/ul	10755600	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	49
5	2,3-2H-4-Methyl-imidazole-2-one	98	C4H6N2O	039799-77-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

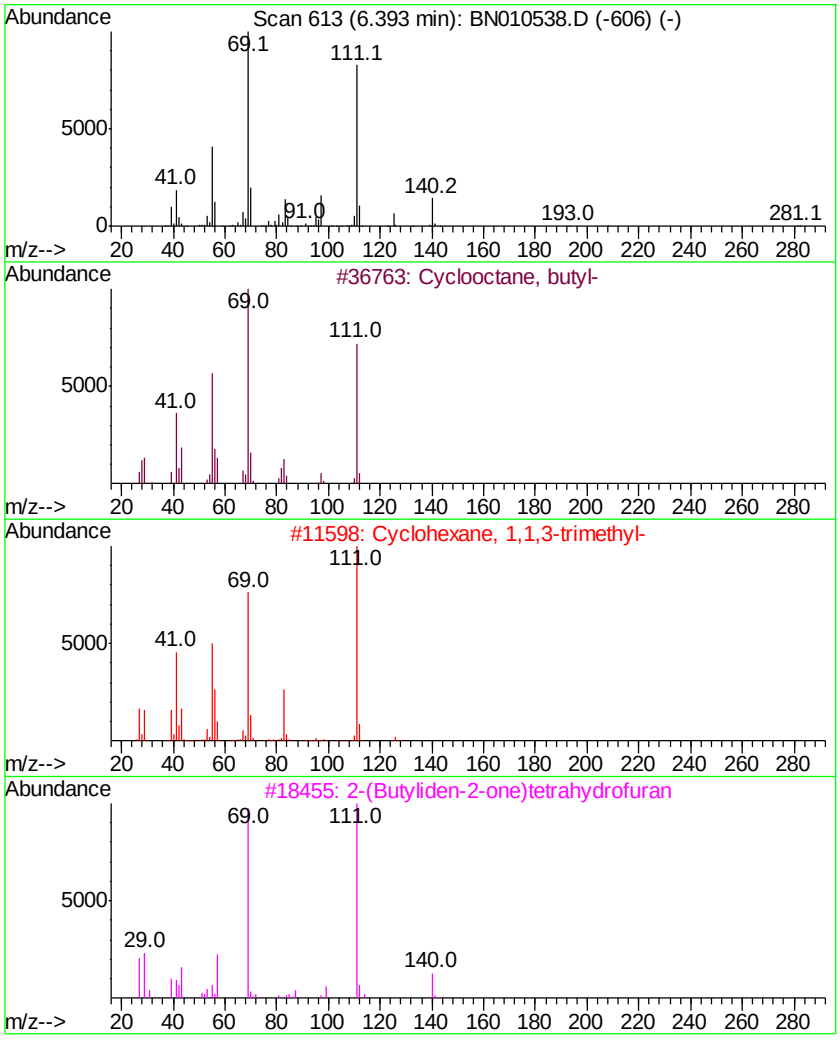
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

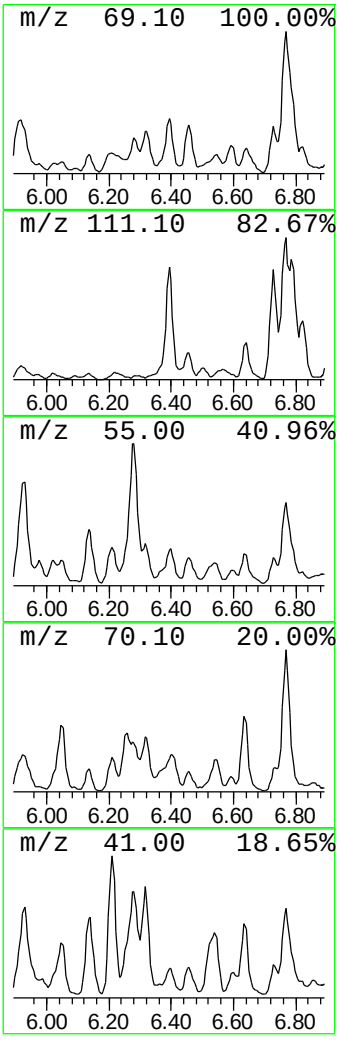
****

Peak Number 22 (DEL) Alkane: Cyclic6.39 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	2.72 ng/ul	4298060	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, butyl-	168	C12H24	016538-93-5	72
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
3	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	64
4	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	64
5	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

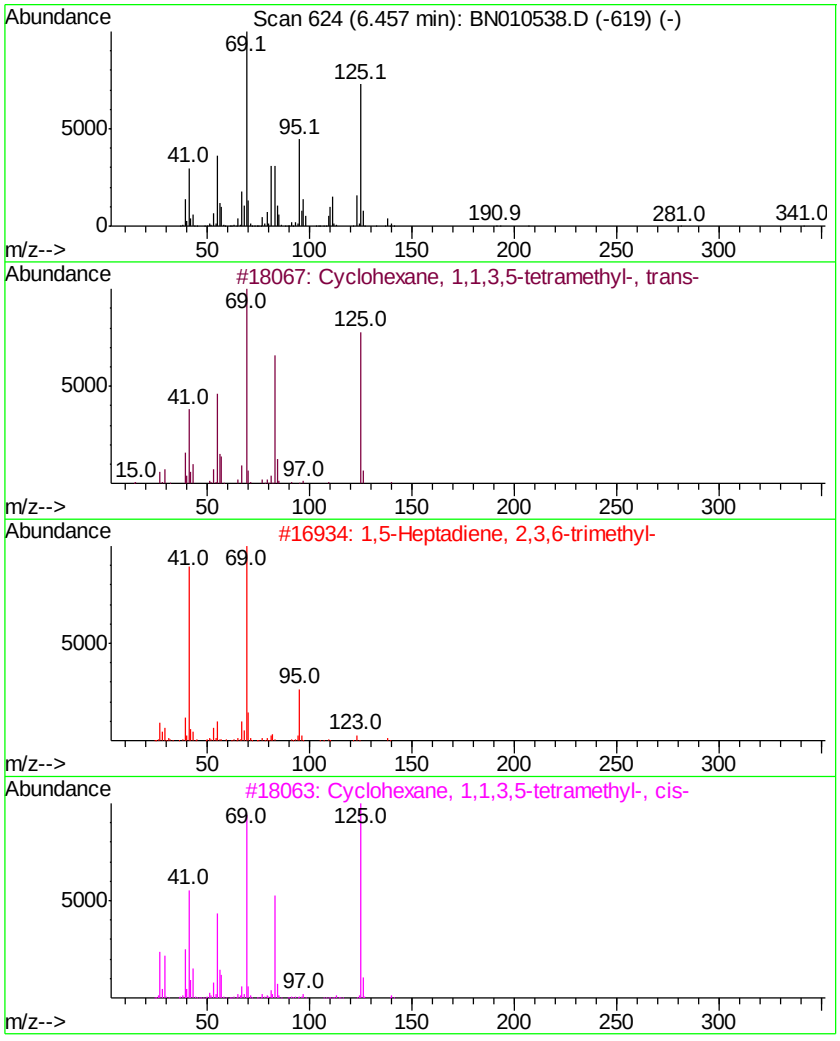
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

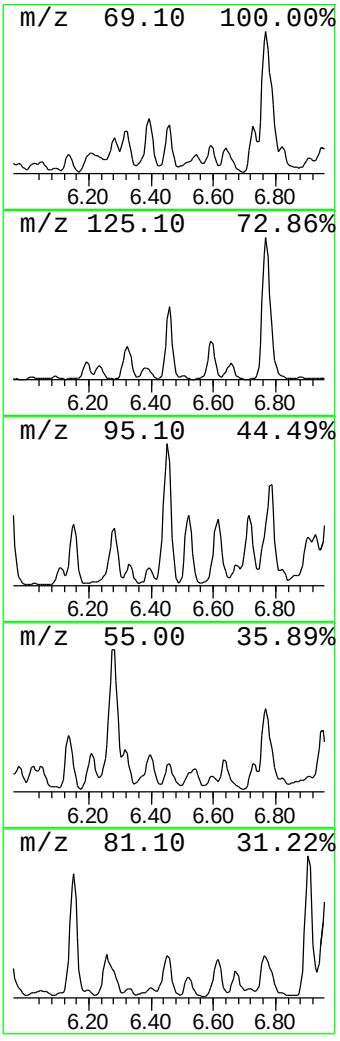
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic6.46 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	3.46 ng/ul	5475040	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	49
2	1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	46
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	46
4	cis-2,6-Dimethyl-2,6-octadiene	138	C10H18	002492-22-0	35
5	3-Ethyl-4-octene	140	C10H20	019781-32-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

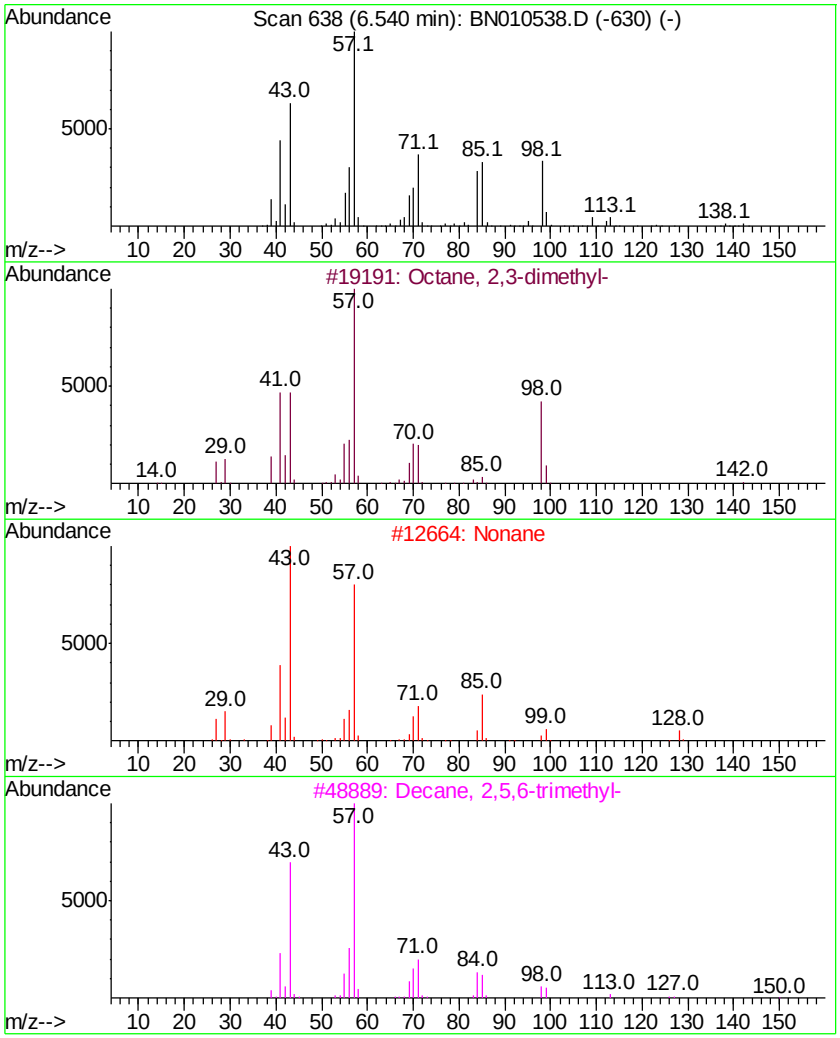
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

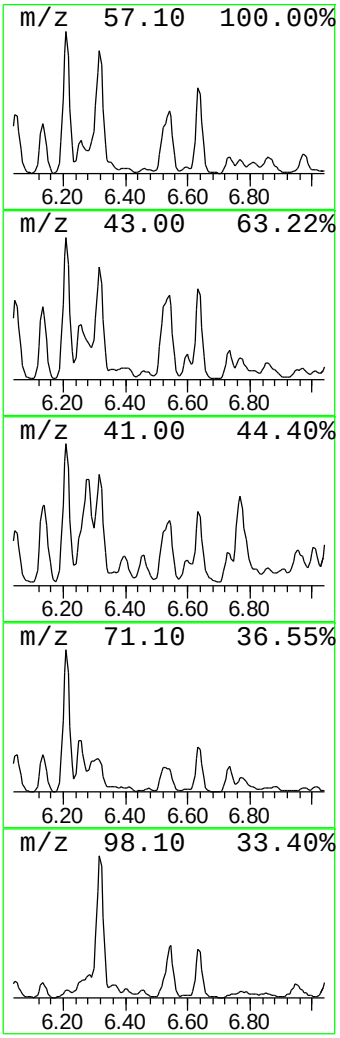
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	6.64 ng/ul	10502800	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	55
2	Nonane	128	C9H20	000111-84-2	50
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	49
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

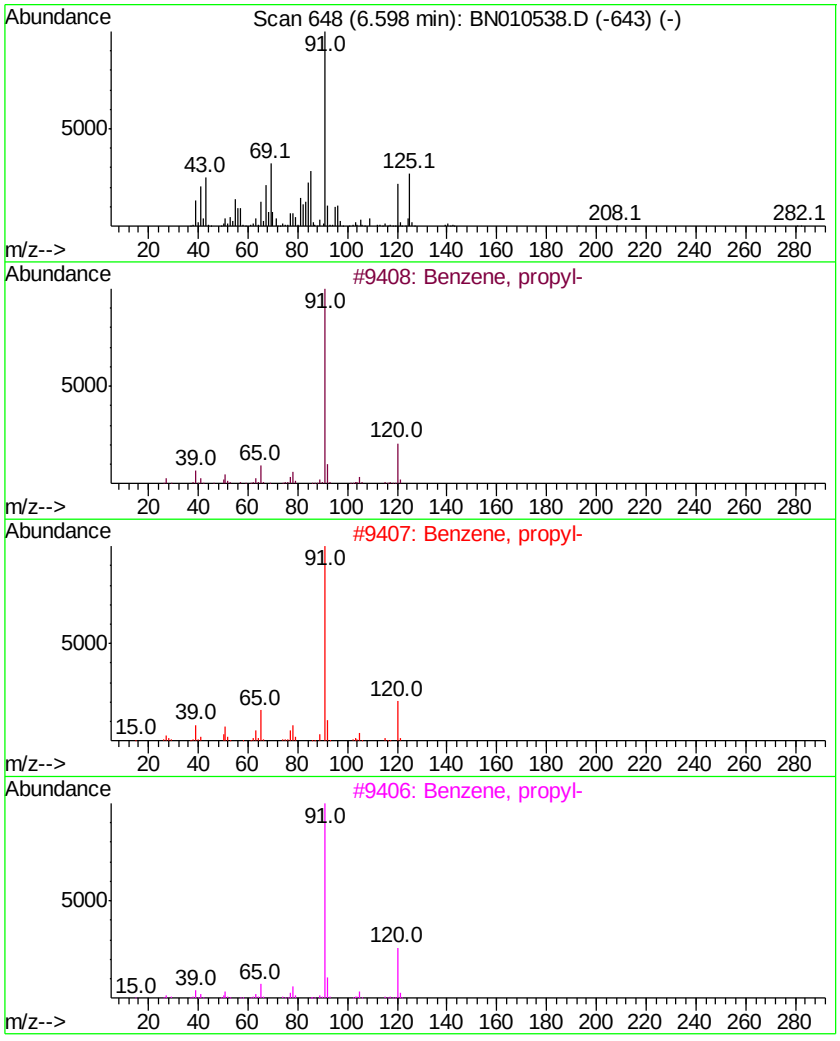
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

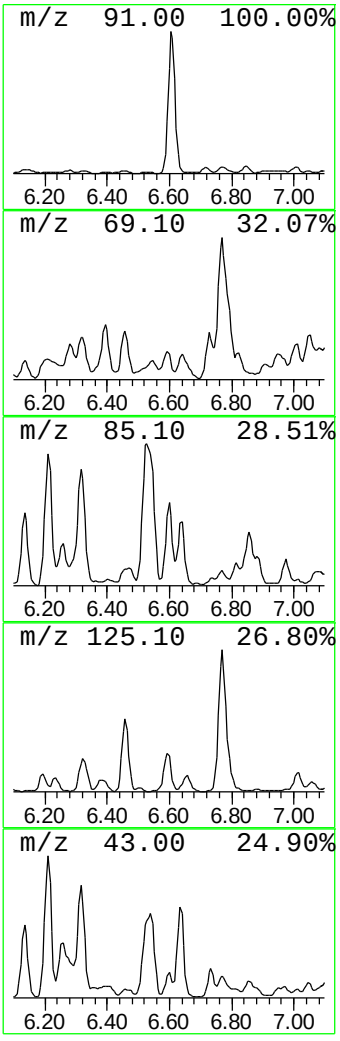
****

Peak Number 25 unknown-02 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	3.86 ng/ul	6105880	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	42
2	Benzene, propyl-	120	C9H12	000103-65-1	42
3	Benzene, propyl-	120	C9H12	000103-65-1	30
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	27
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

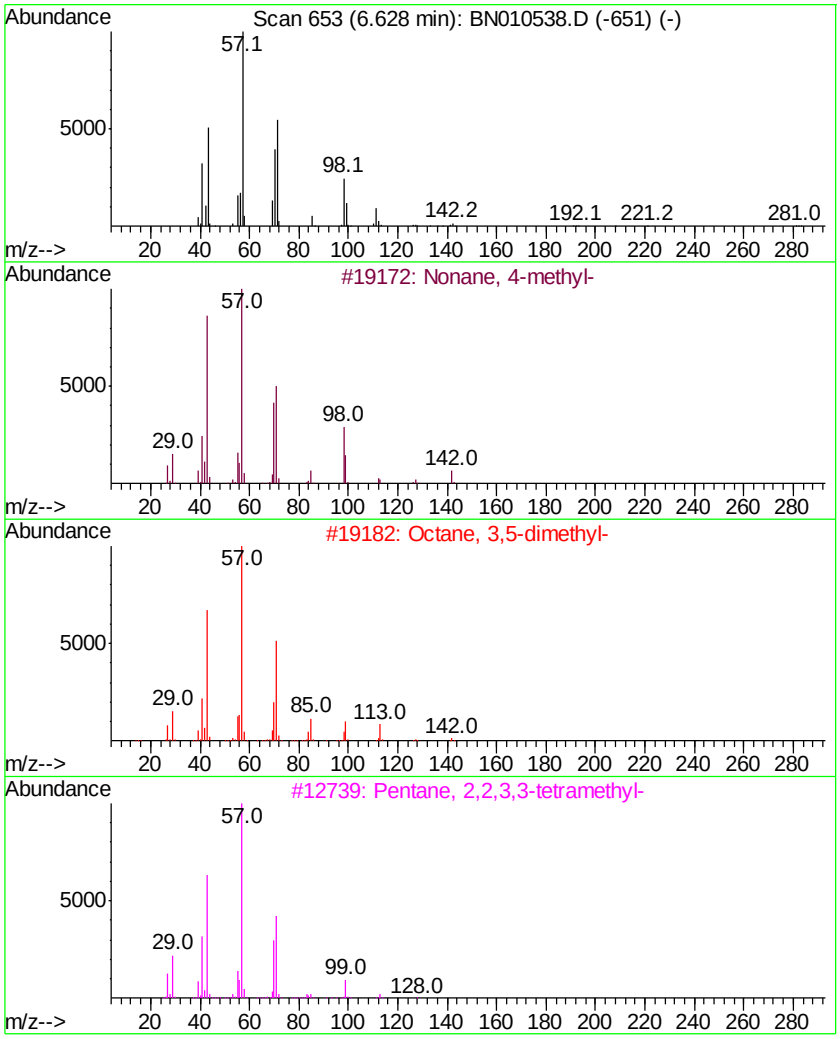
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

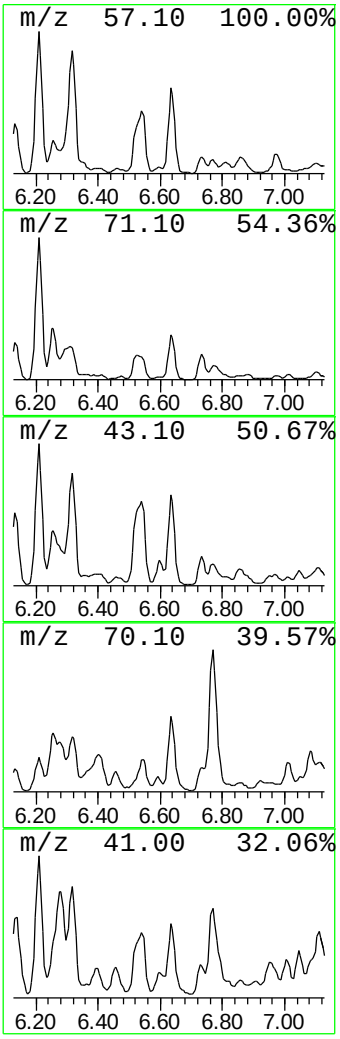
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	6.11 ng/ul	9670590	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

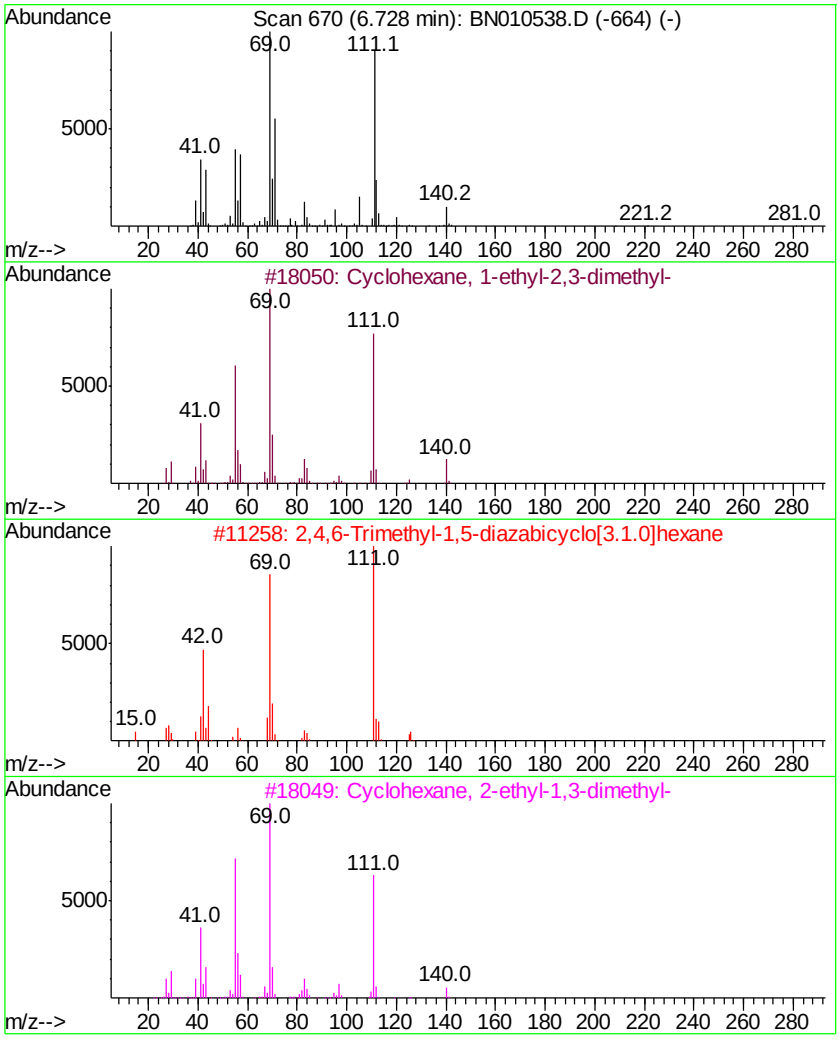
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

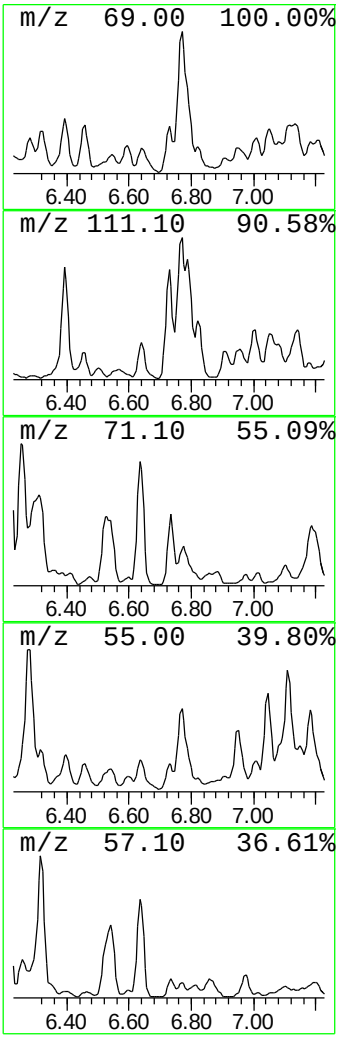
****

Peak Number 27 (DEL) Alkane: Cyclic6.73 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	3.55 ng/ul	5619580	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	58
2	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	53
3	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	53
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	50
5	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

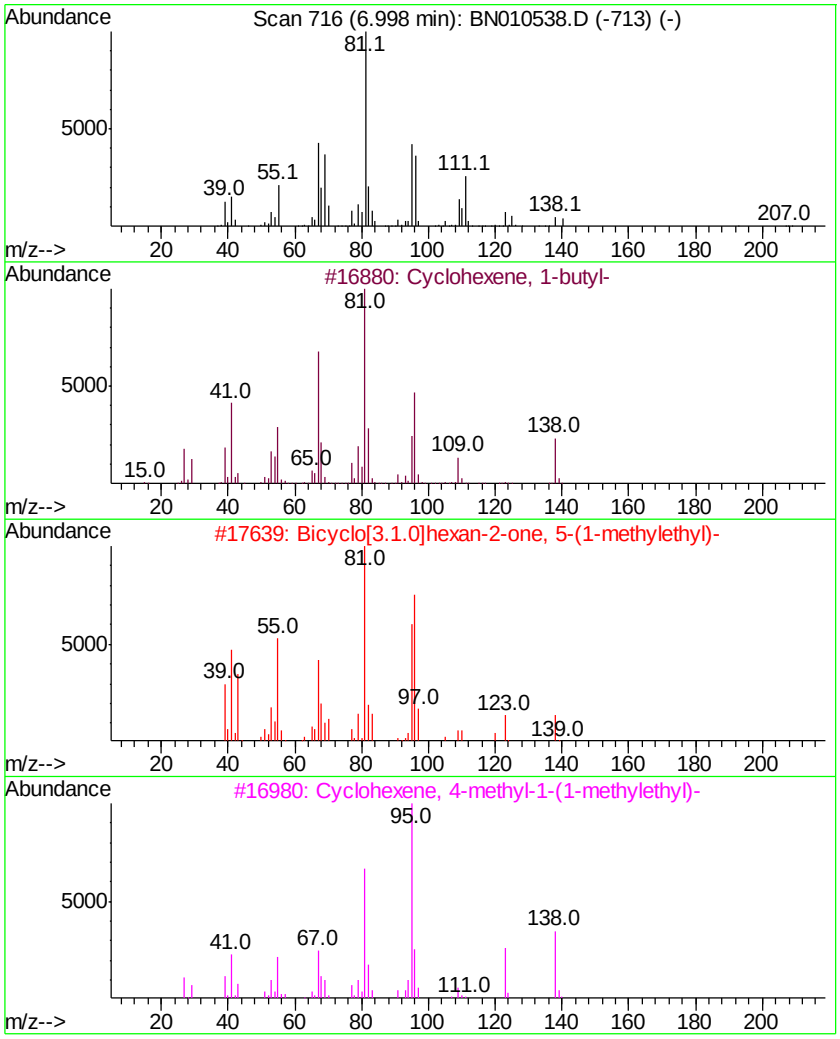
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

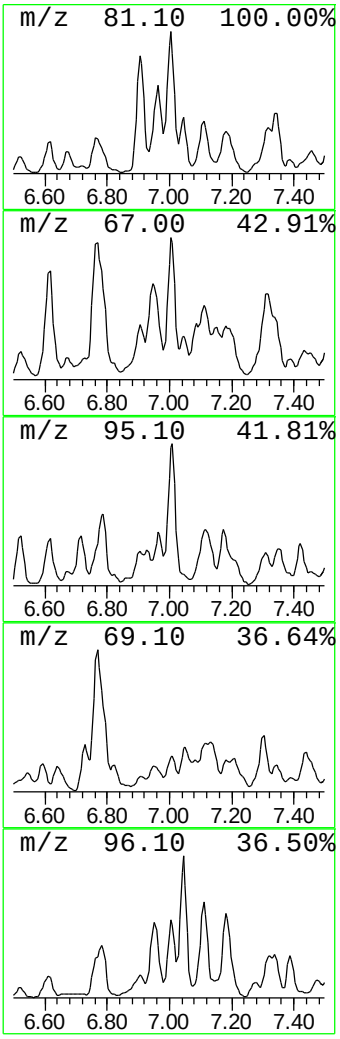
****

Peak Number 28 Cyclohexene, 1-butyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	3.01 ng/ul	4765300	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	74
2	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	64
3	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	58
4	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	49
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

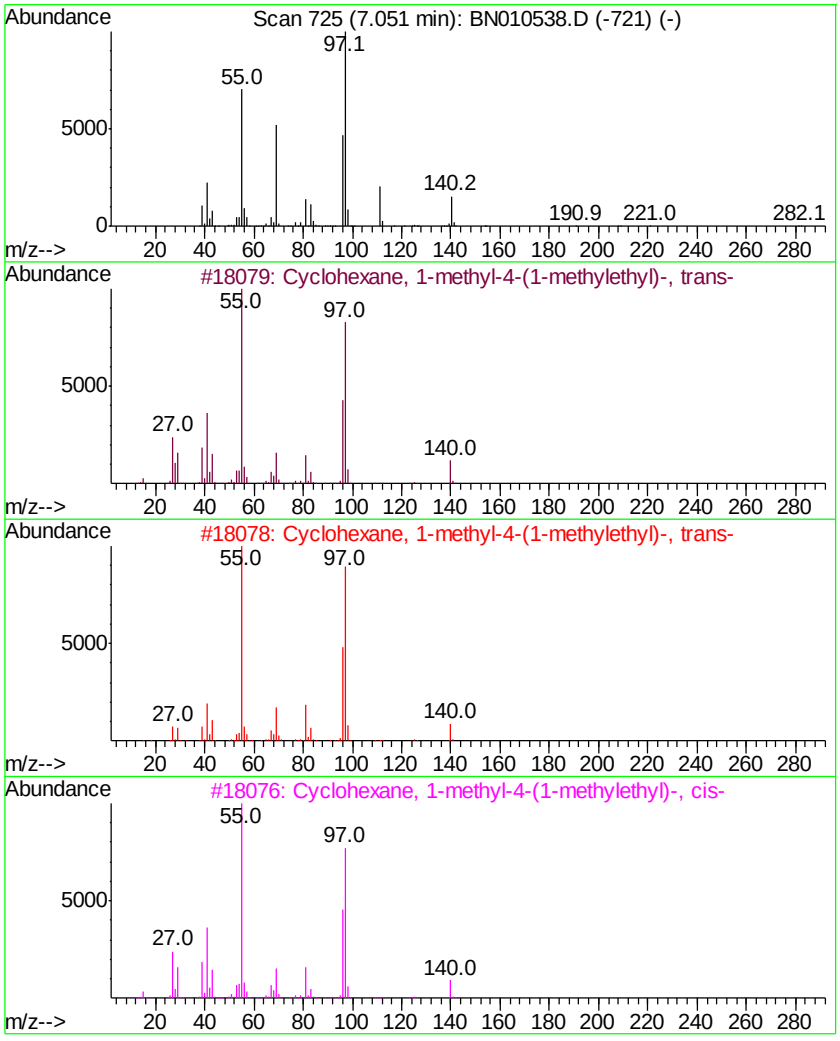
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

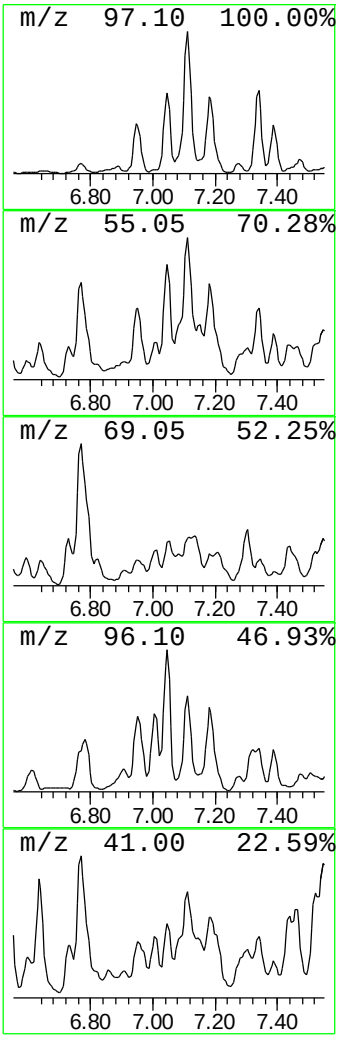
****

Peak Number 29 (DEL) Alkane: Cyclic7.05 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	2.54 ng/ul	4011700	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	87
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	87
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	86
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	86
5	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

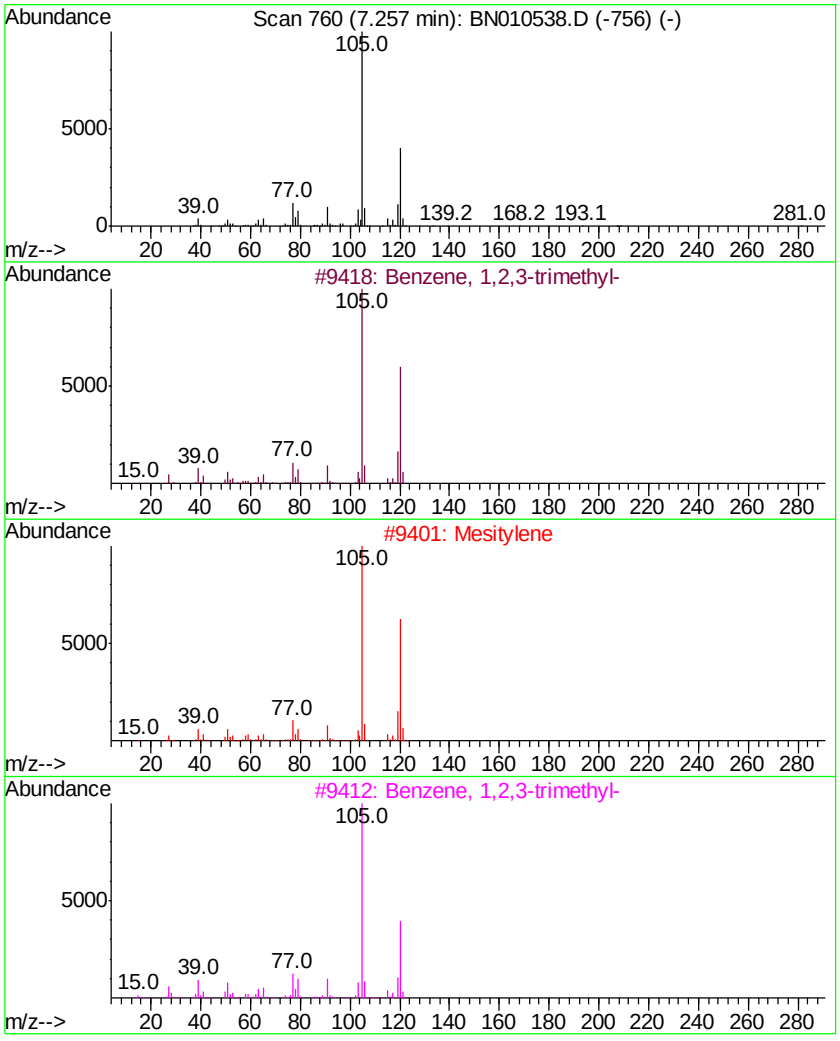
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

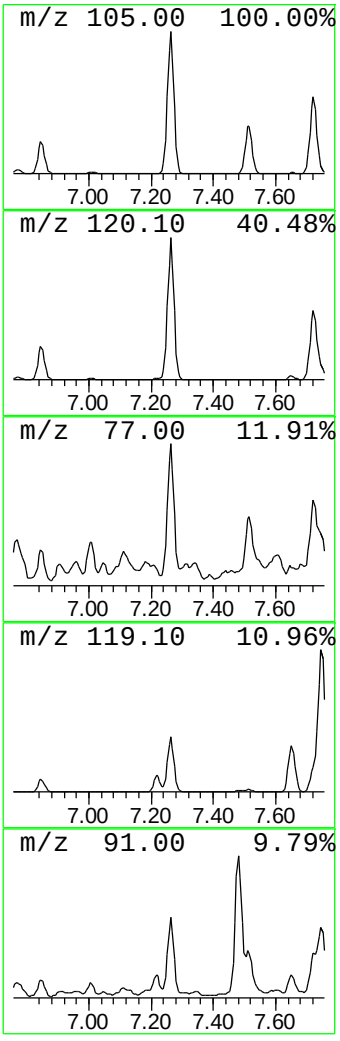
****

Peak Number 30 Benzene, 1,2,3-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	4.86 ng/ul	7688530	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

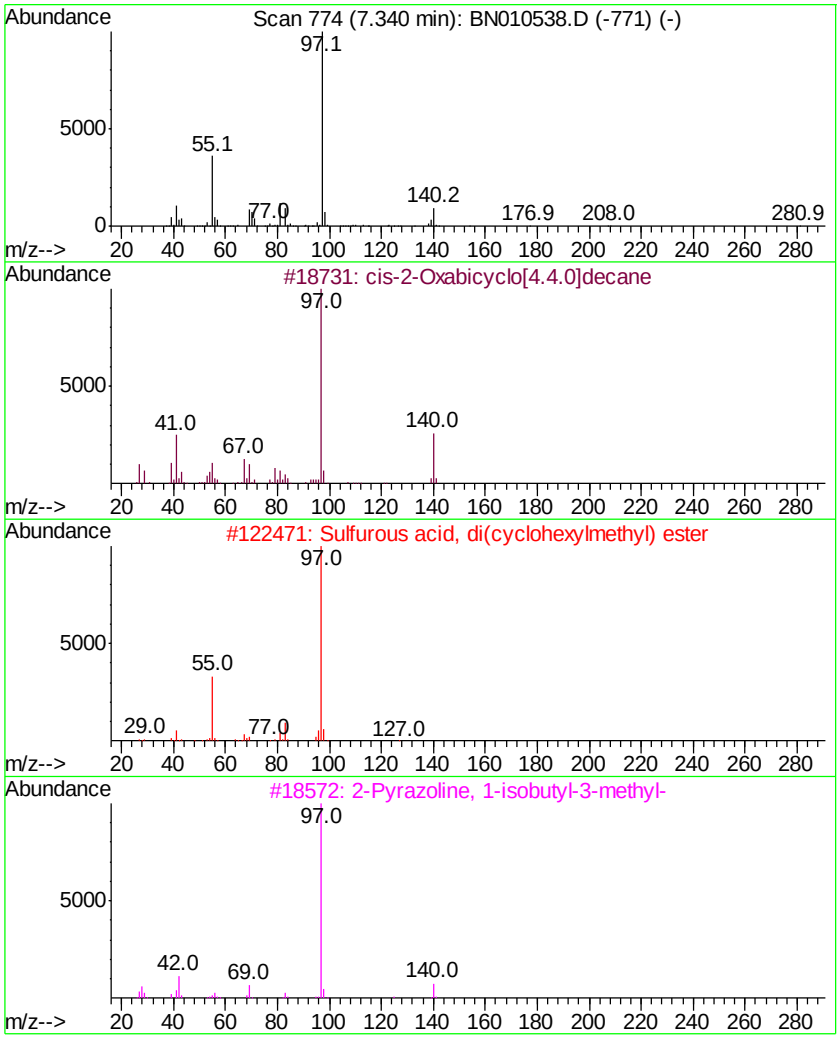
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

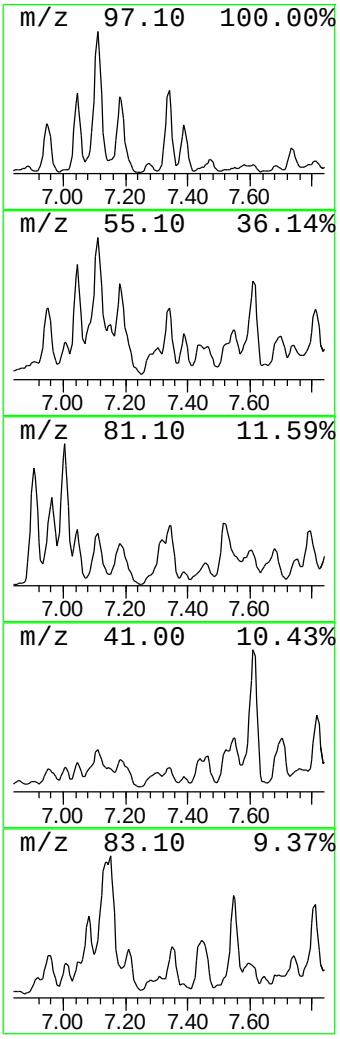
****

Peak Number 31 cis-2-Oxabicyclo[4.4.0]decane Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	3.03 ng/ul	4794820	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	72
2	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	59
3	2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	59
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
5	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

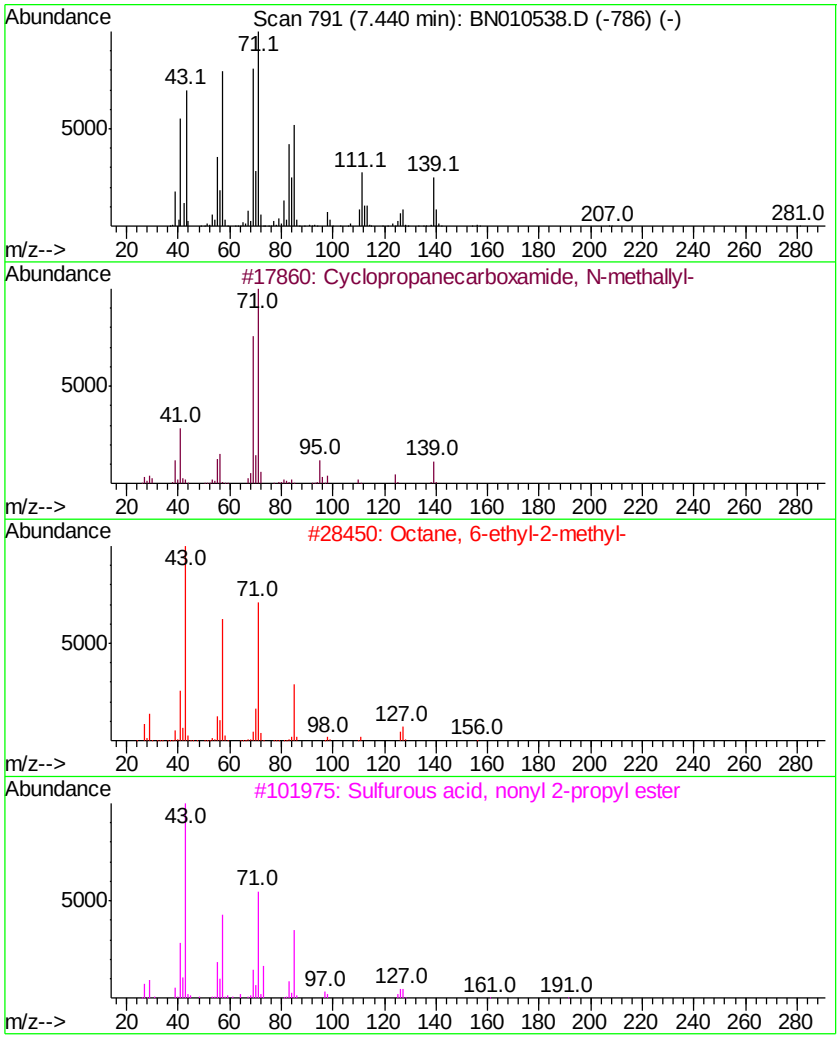
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

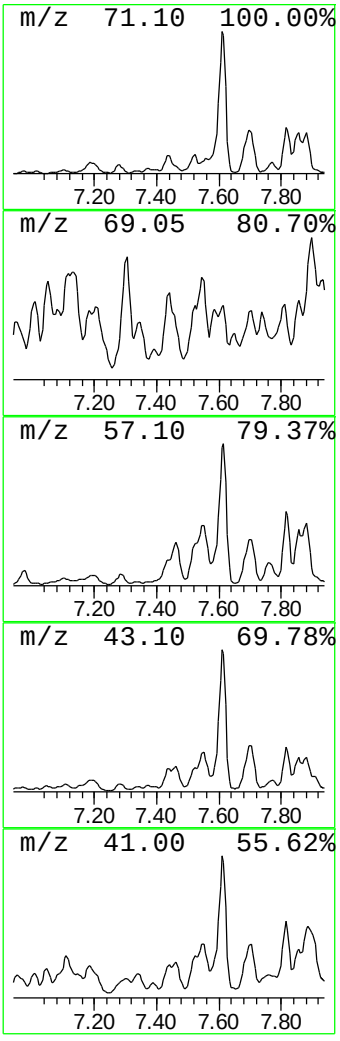
****

Peak Number 32 unknown-03 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	3.69 ng/ul	5845300	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxamide, N-metha...	139	C8H13NO	1000340-05-6	43
2	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	35
3	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	35
4	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	30
5	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

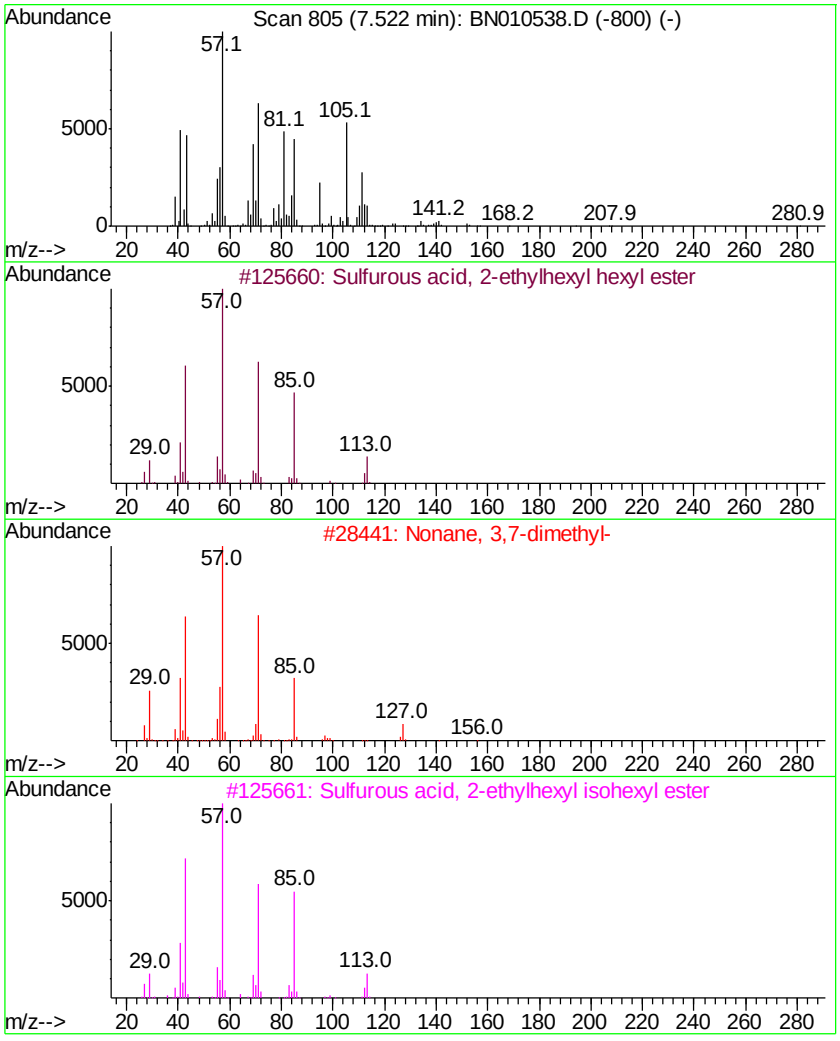
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

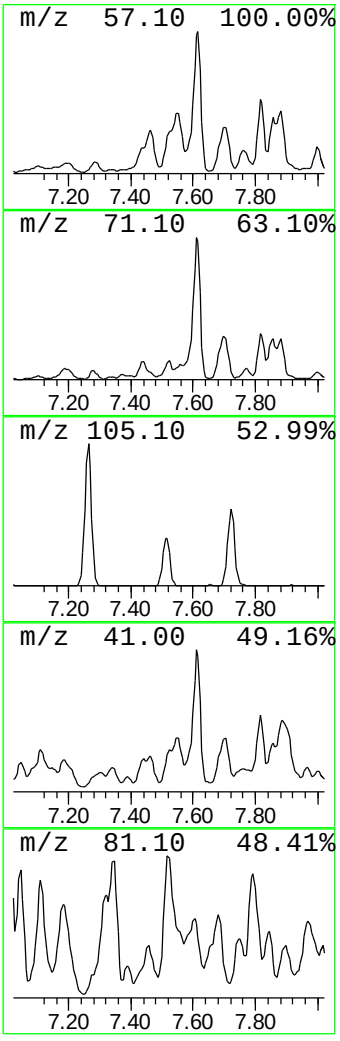
****

Peak Number 33 unknown-04 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	5.25 ng/ul	8305220	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	43
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

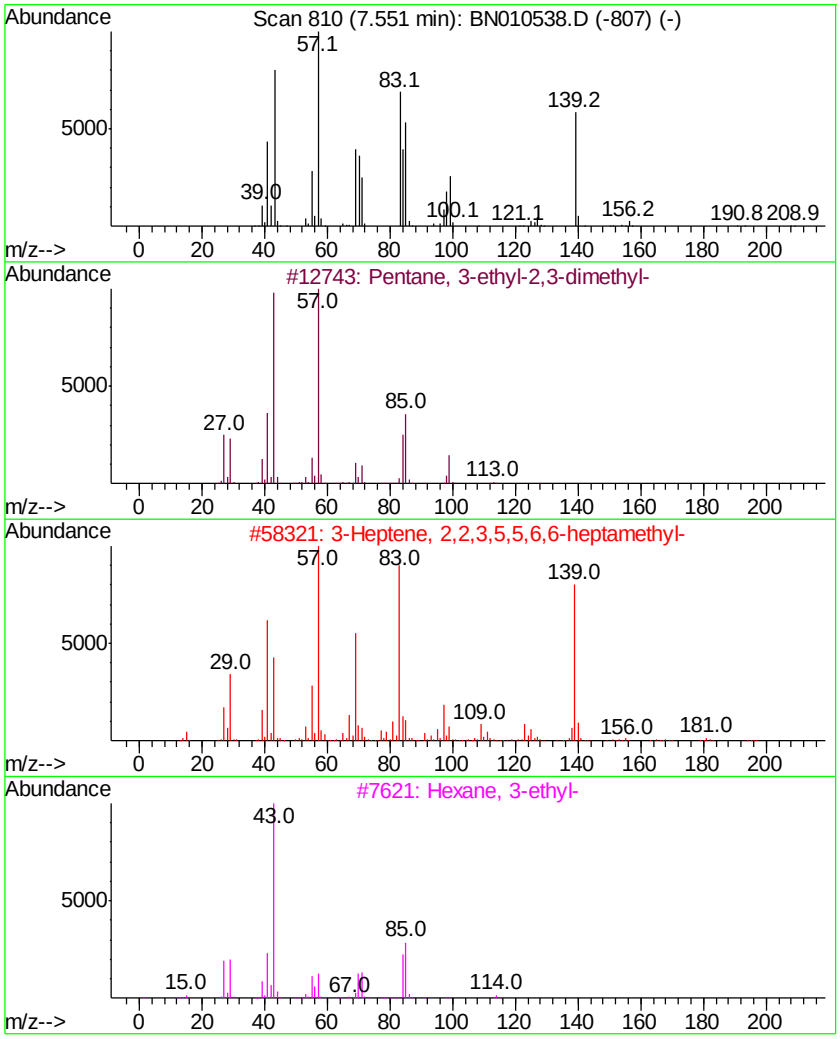
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

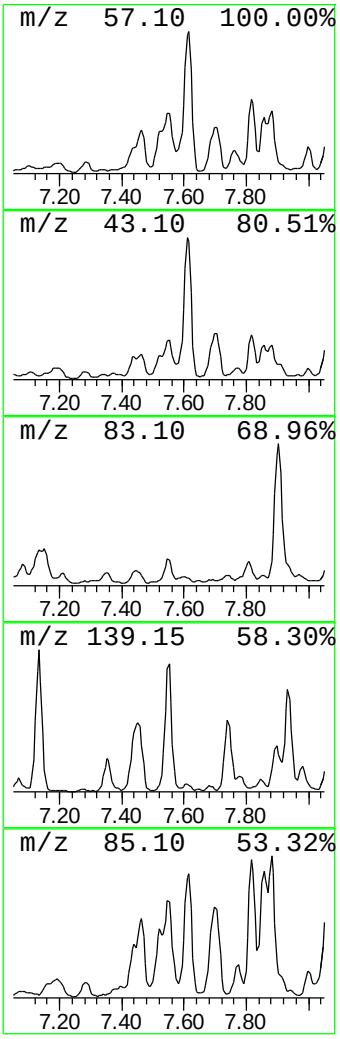
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	4.89 ng/ul	7742590	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	43
2	3-Heptene, 2,2,3,5,5,6,6-heptame...	196	C14H28	054845-26-0	38
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	35
4	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	32
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

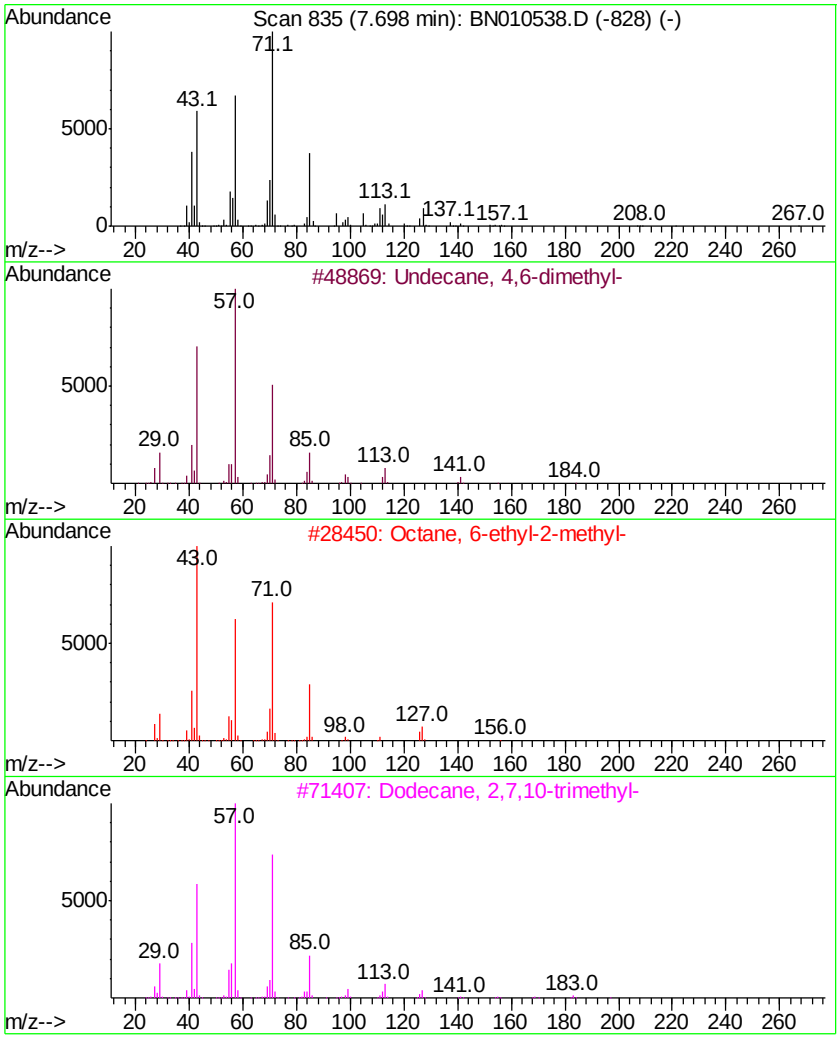
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

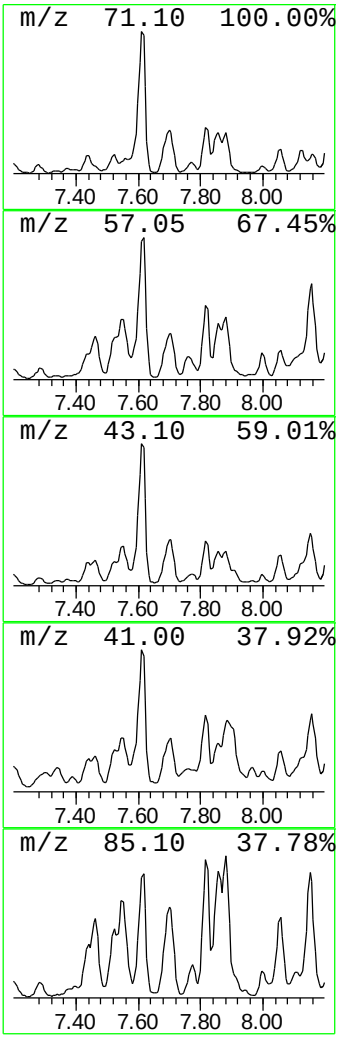
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	9.50 ng/ul	15022500	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
2	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	53
5	Decane, 3-methyl-	156	C11H24	013151-34-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

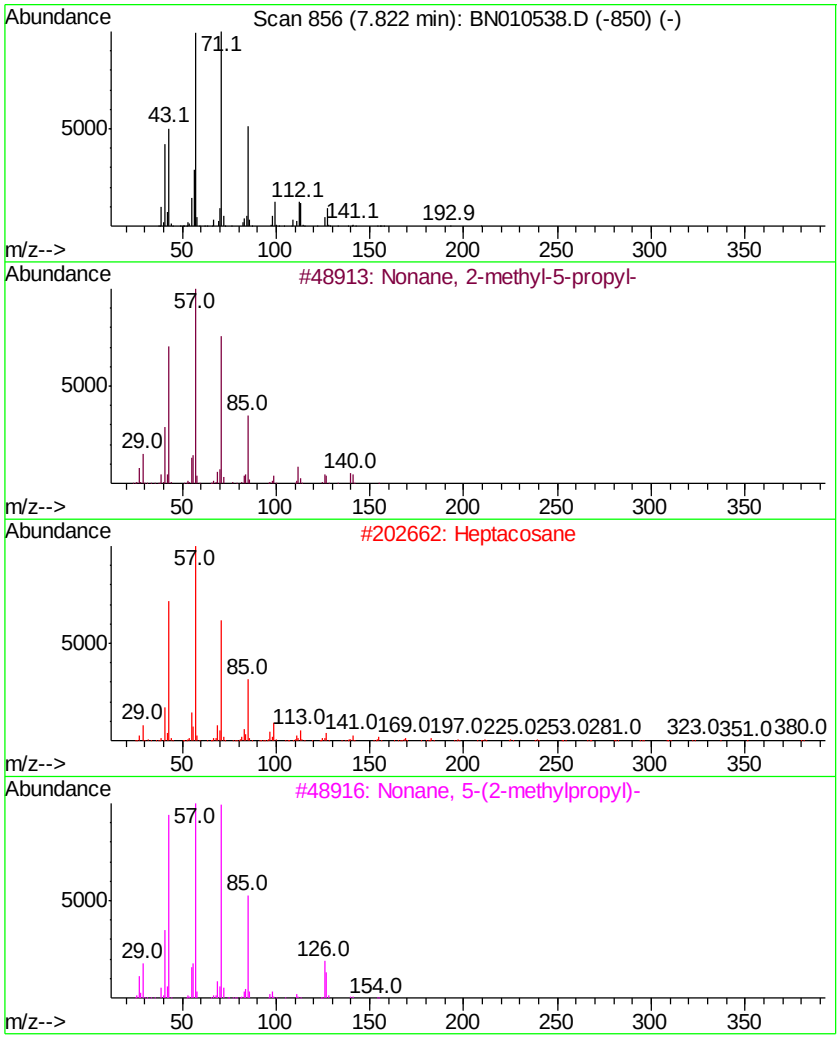
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

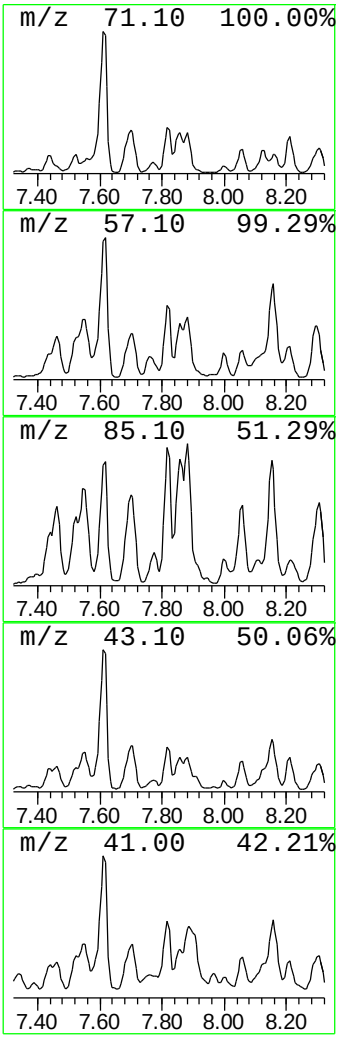
****

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	5.38 ng/ul	8518490	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
2	Heptacosane	380	C27H56	000593-49-7	59
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

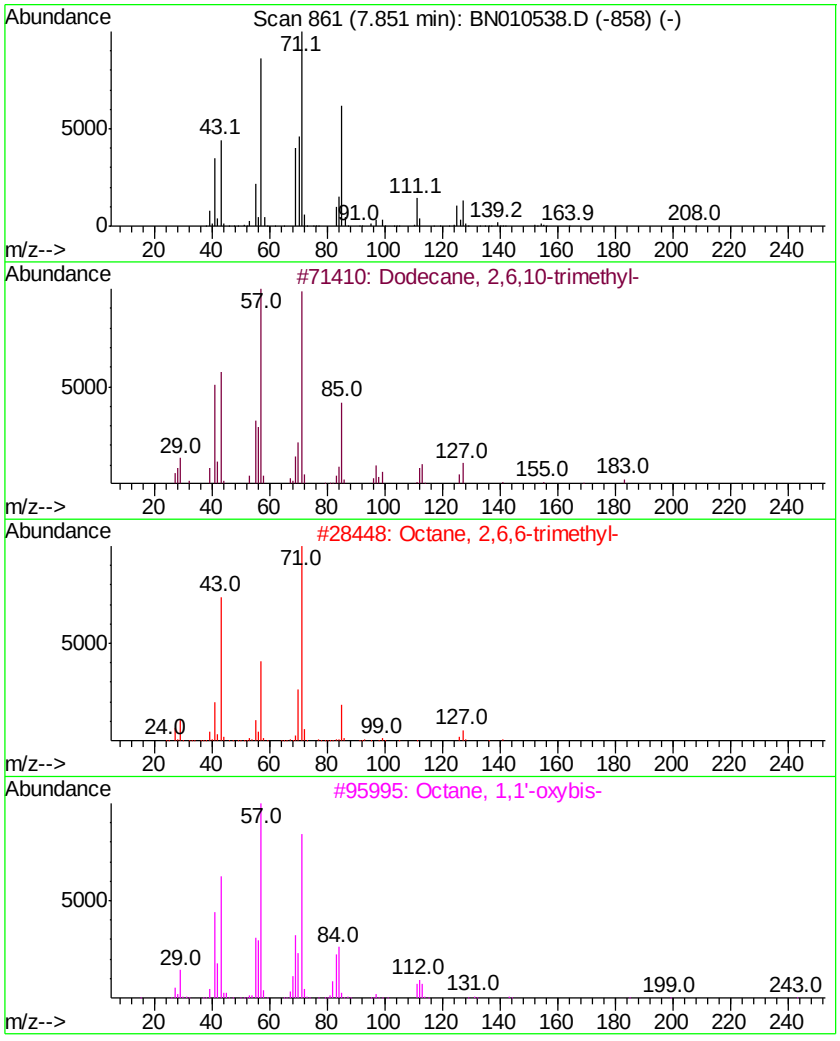
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

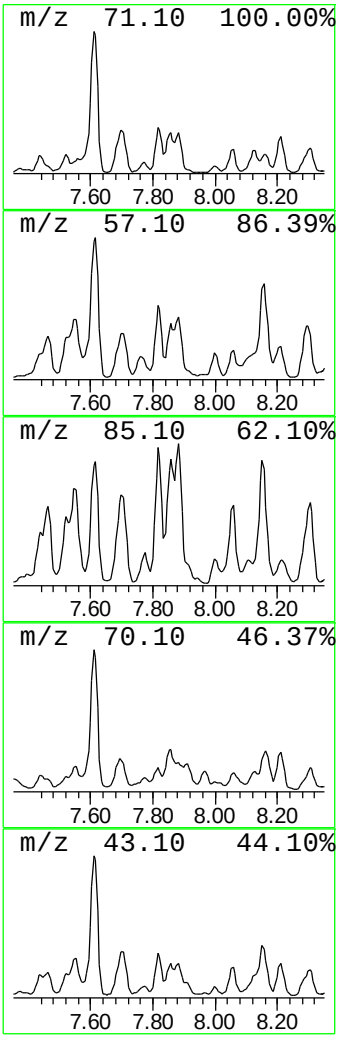
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	3.75 ng/ul	5930980	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
2	Octane, 2,6,6-trimethyl-	156	C11H24	054166-32-4	47
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	43
4	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	42
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

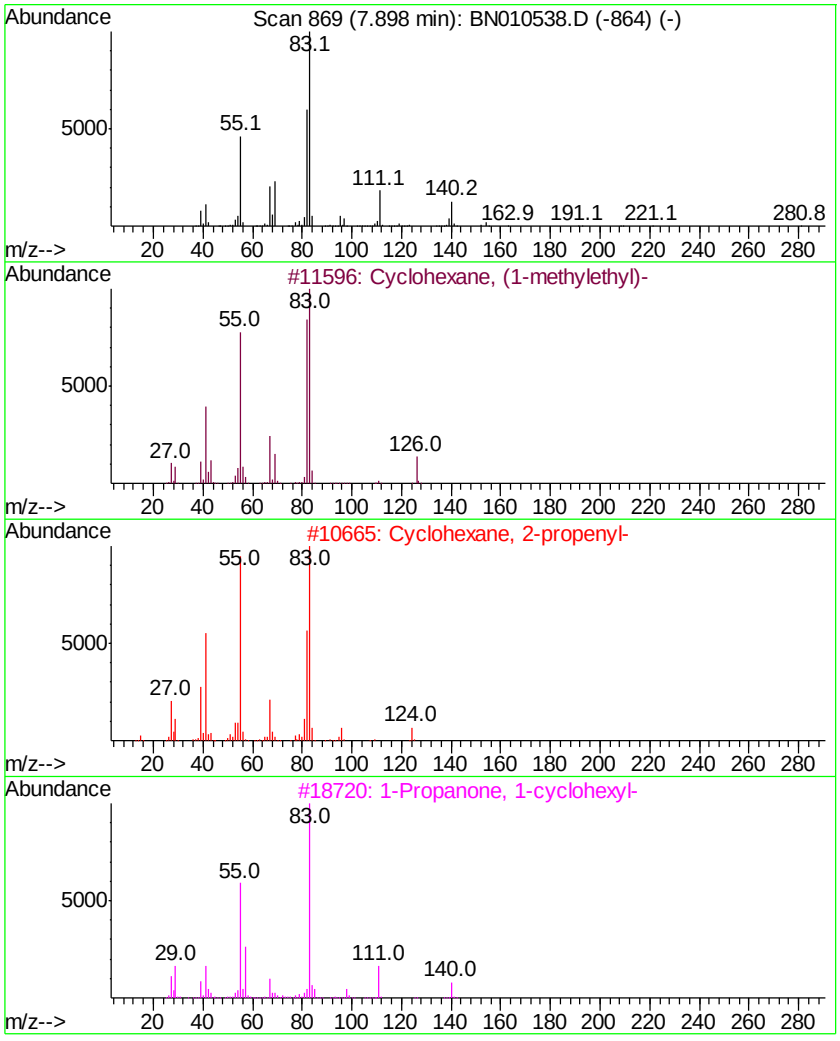
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

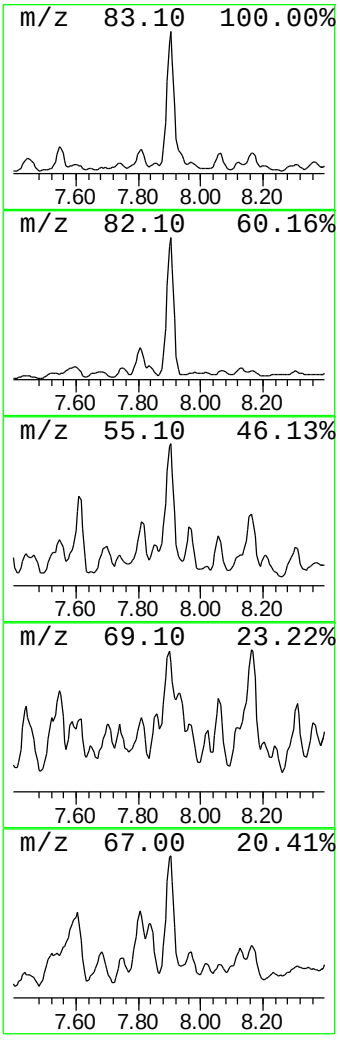
****

Peak Number 38 (DEL) Alkane: Cyclic7.90 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	12.64 ng/ul	20001500	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
3	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	50
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	49
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

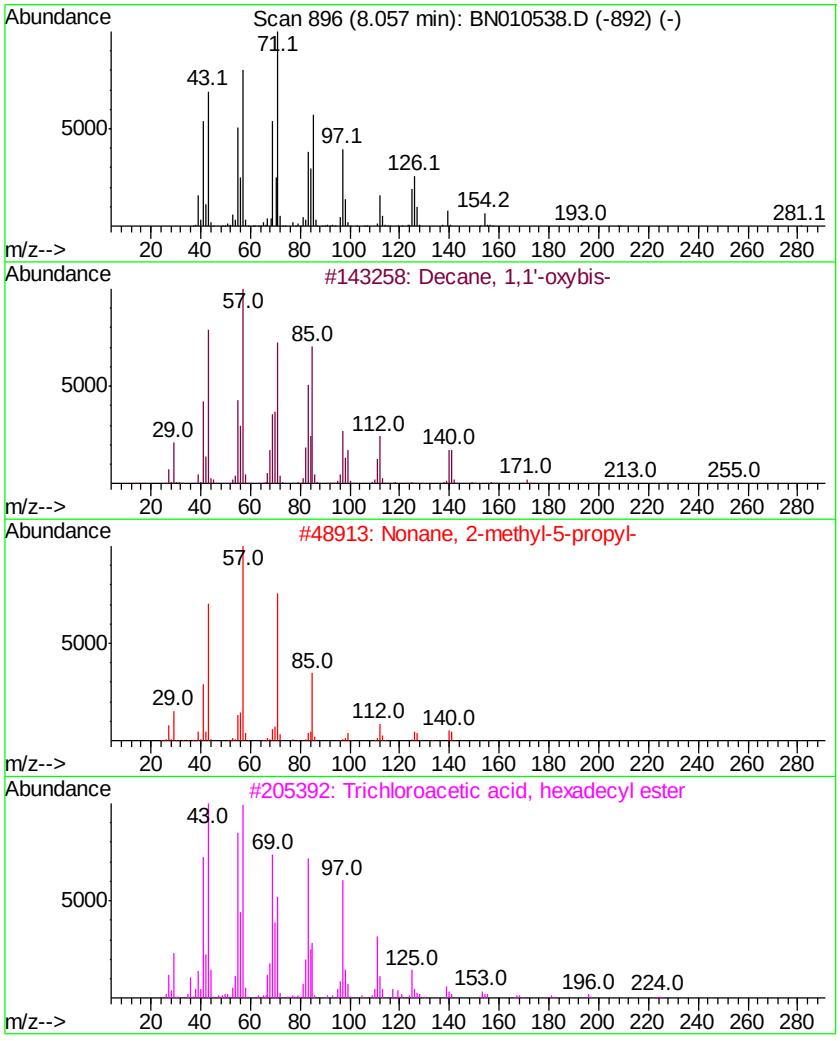
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

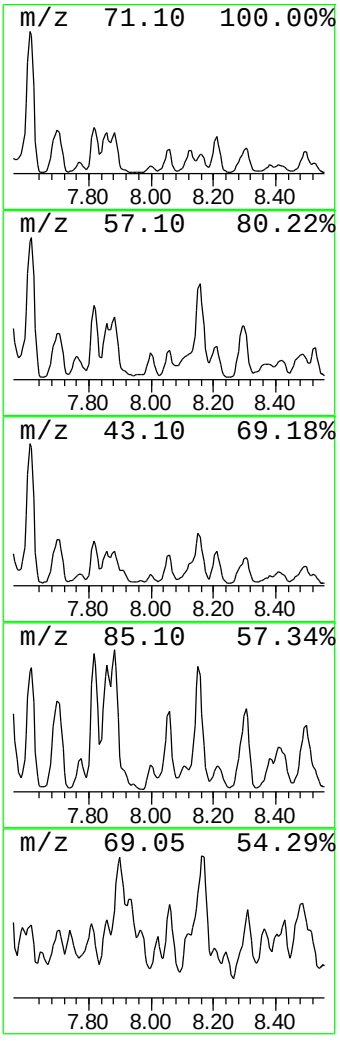
****

Peak Number 39 unknown-05 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	4.19 ng/ul	6633290	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	46
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	38
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	38
4	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	30
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

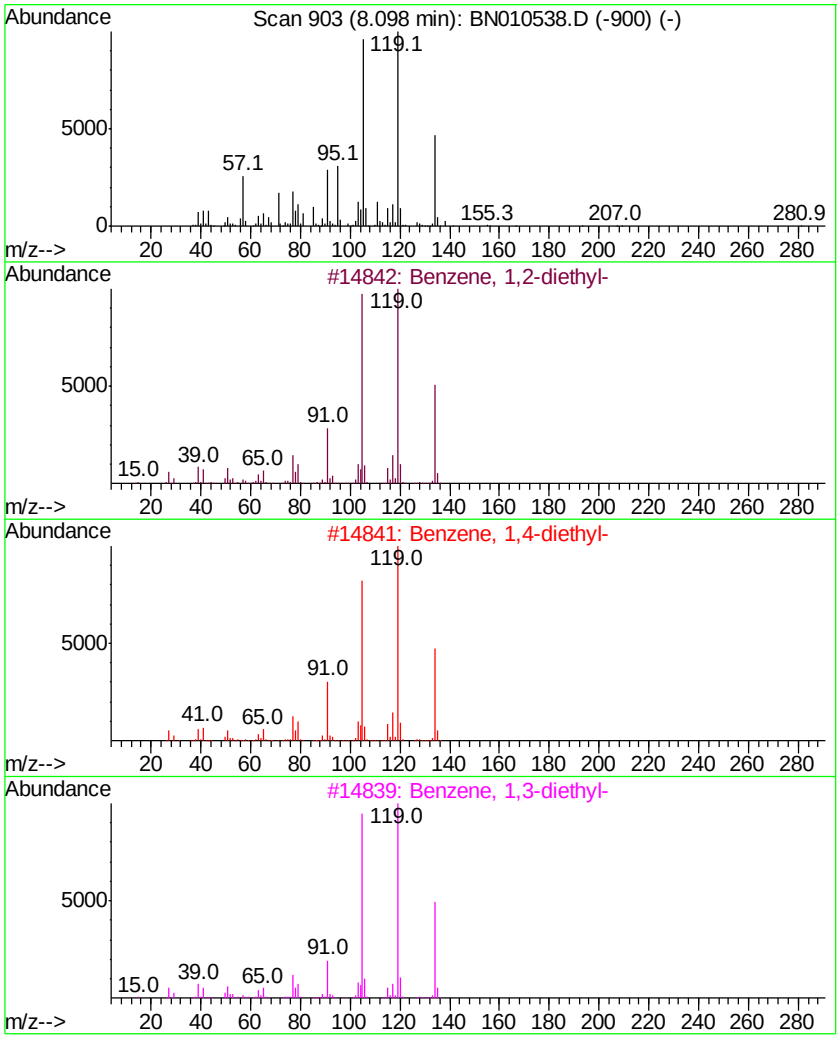
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

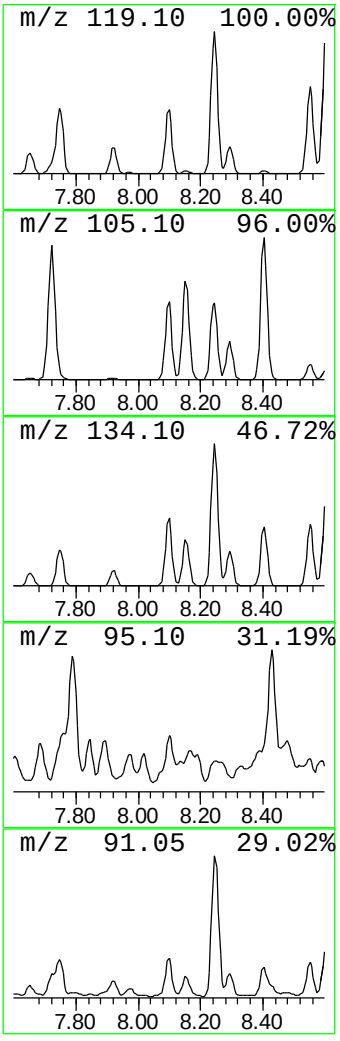
****

Peak Number 40 Benzene, 1,2-diethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	3.75 ng/ul	5930320	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

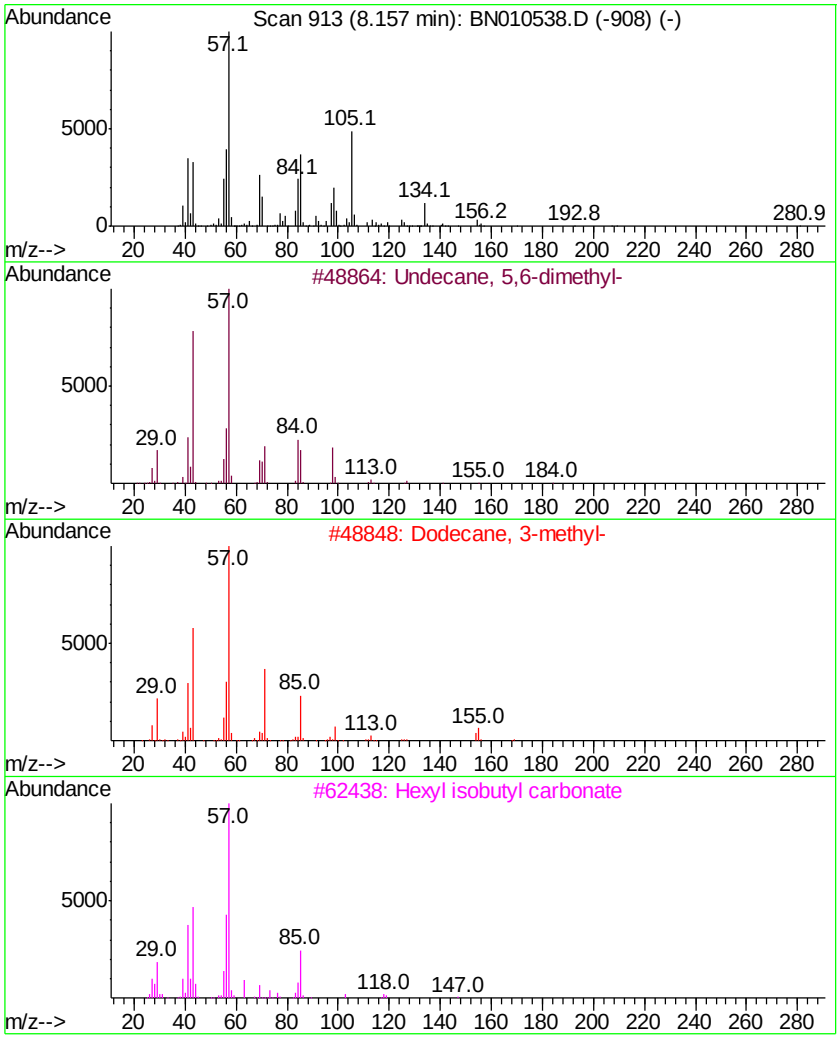
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

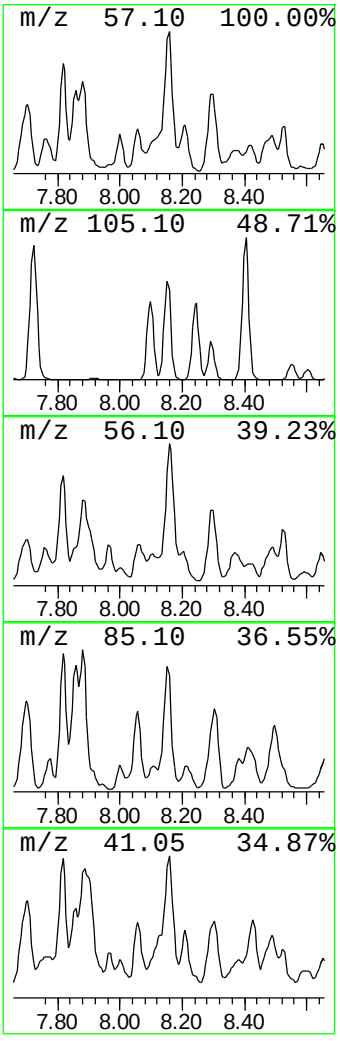
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	12.12 ng/ul	19171500	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
3	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	43
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	43
5	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

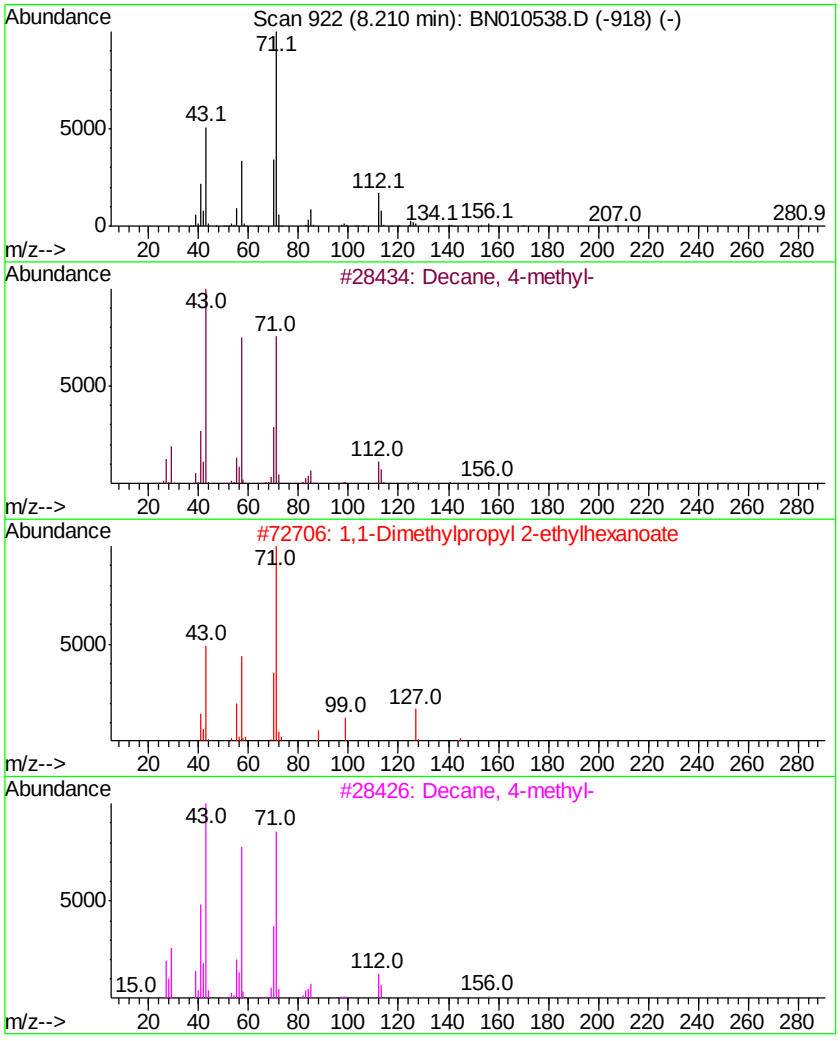
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

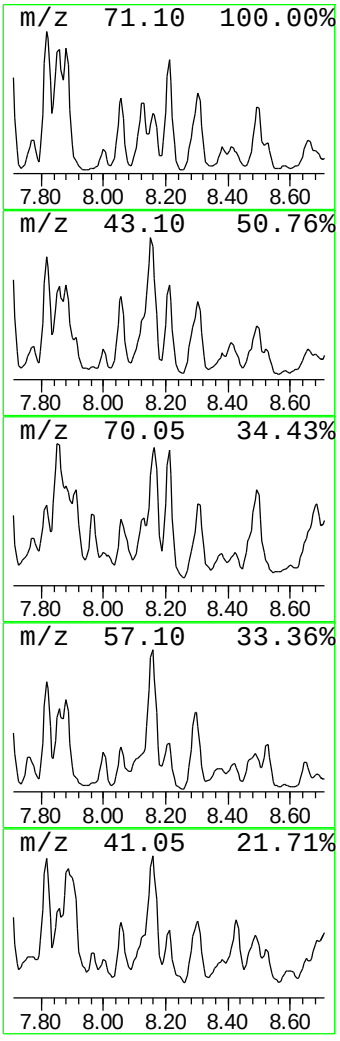
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	2.74 ng/ul	4327960	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	64
3	Decane, 4-methyl-	156	C11H24	002847-72-5	64
4	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	59
5	Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

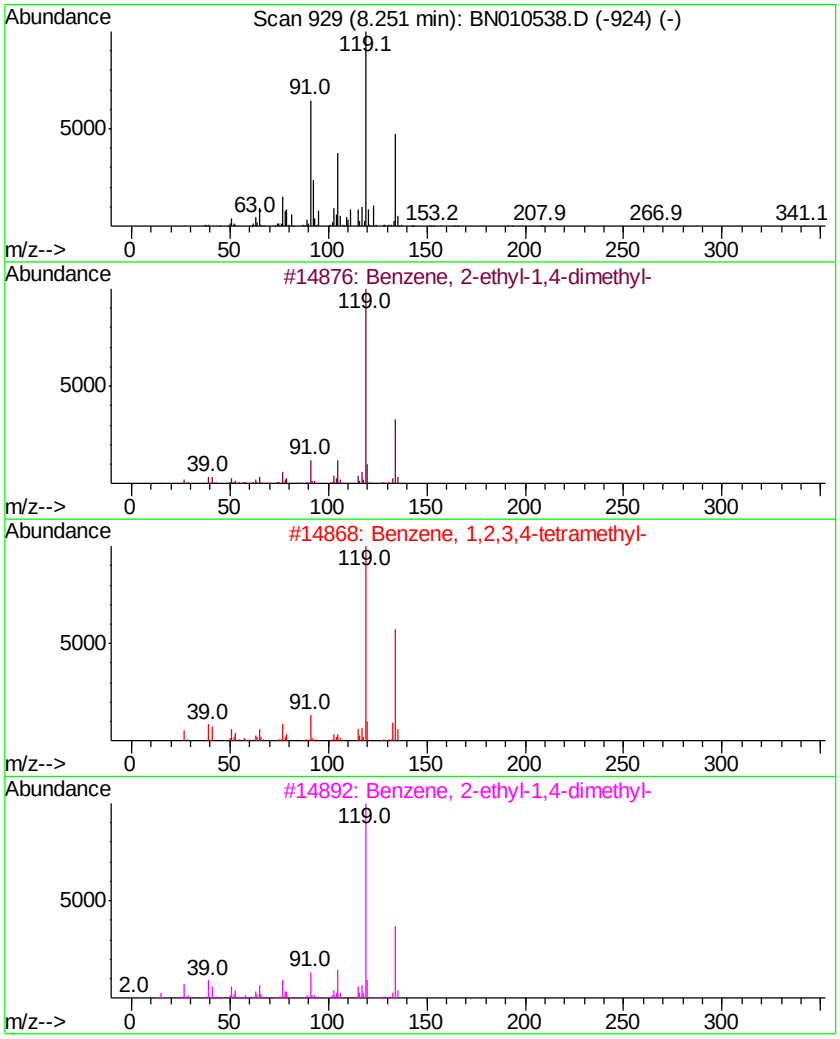
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

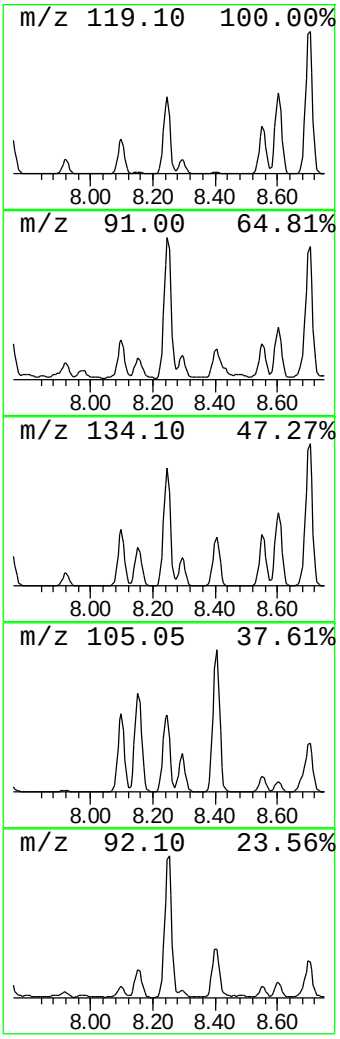
****

Peak Number 43 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	4.12 ng/ul	6523300	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

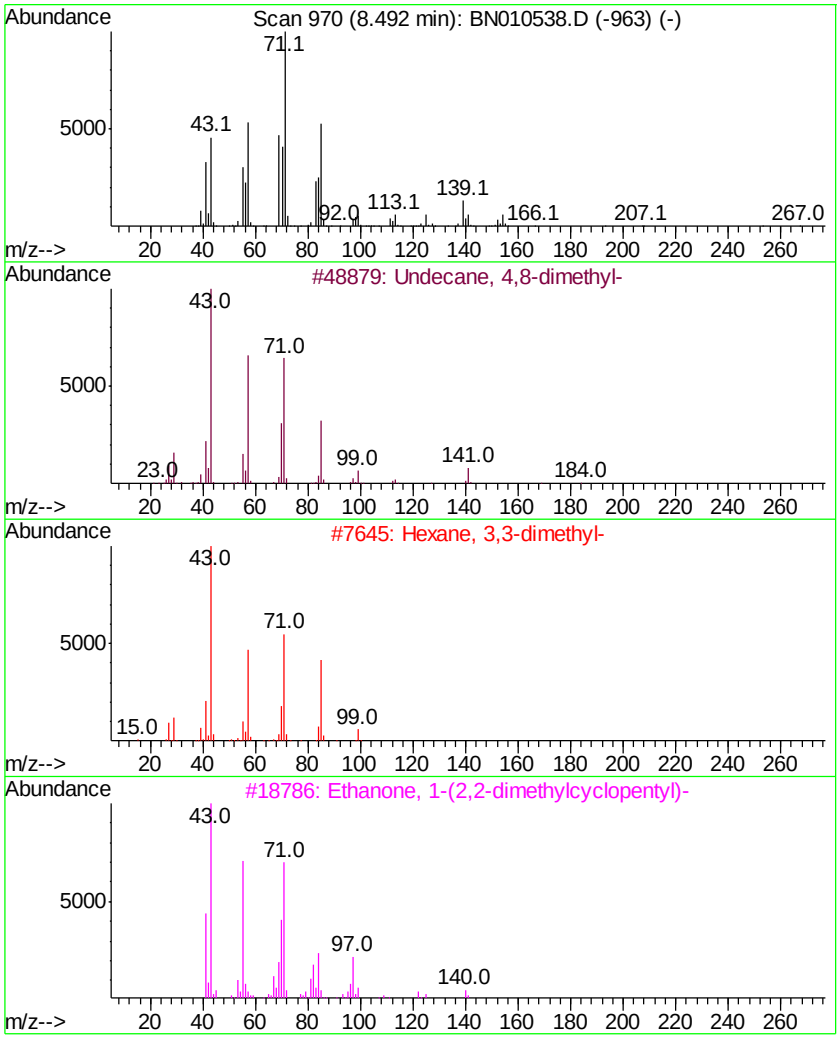
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

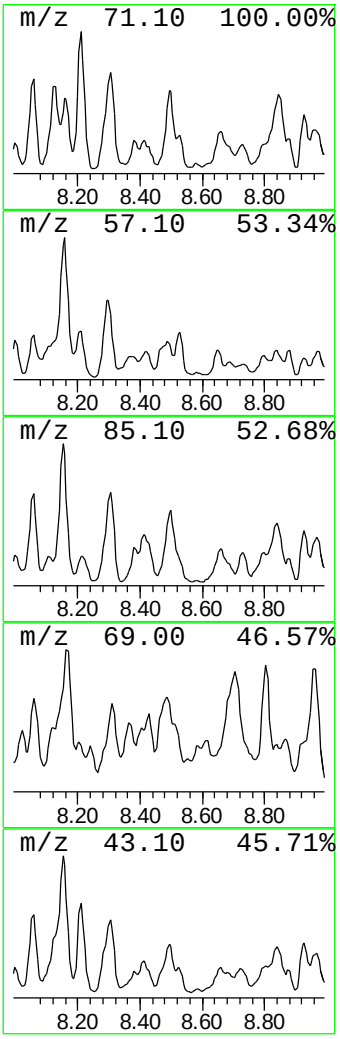
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	3.48 ng/ul	5501050	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	50
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
3	Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	43
4	Octane, 4-methyl-	128	C9H20	002216-34-4	43
5	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

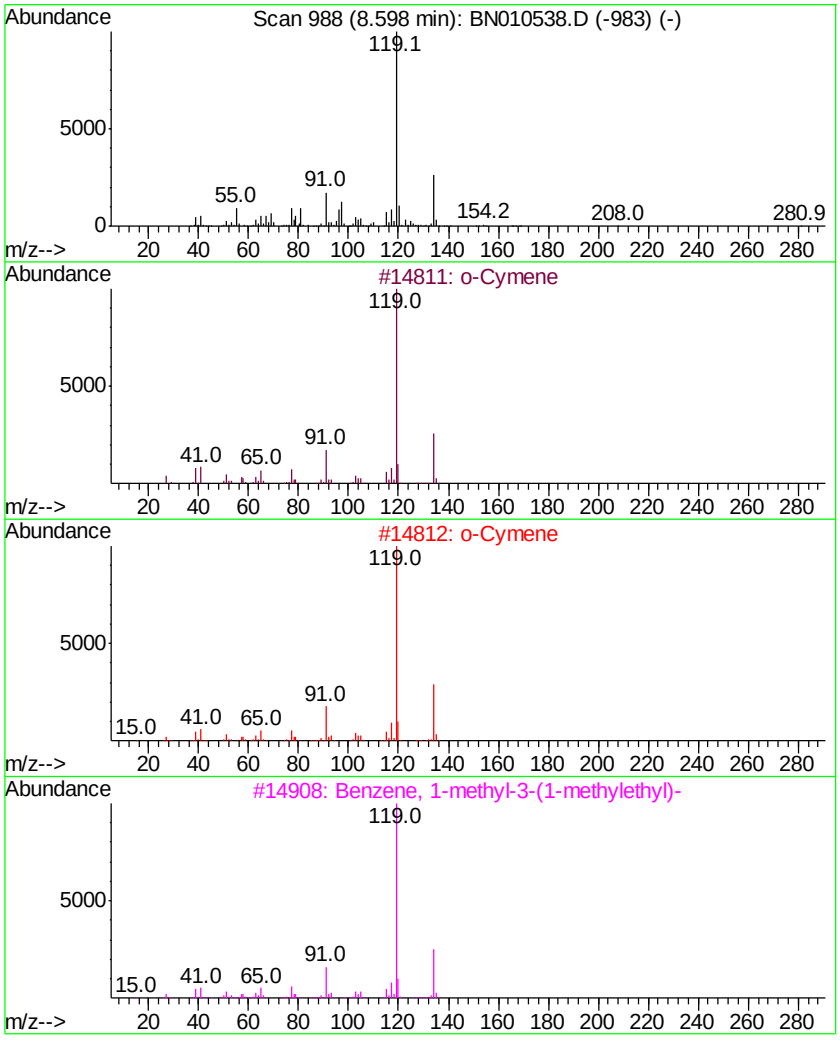
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

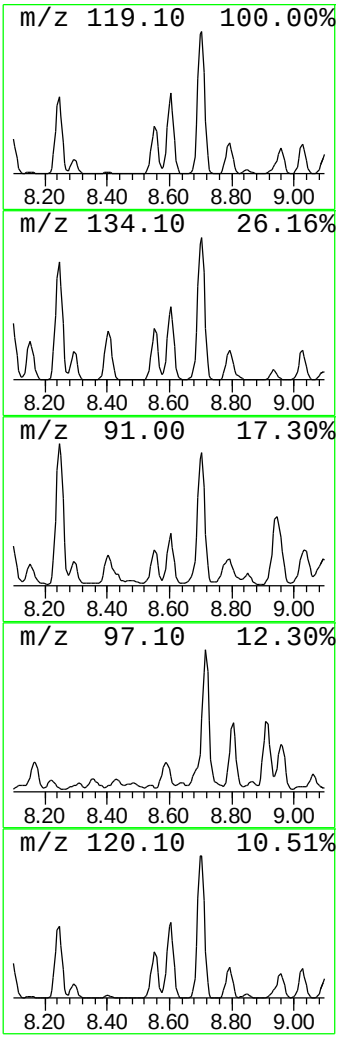
****

Peak Number 45 o-Cymene Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	3.59 ng/ul	5683640	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

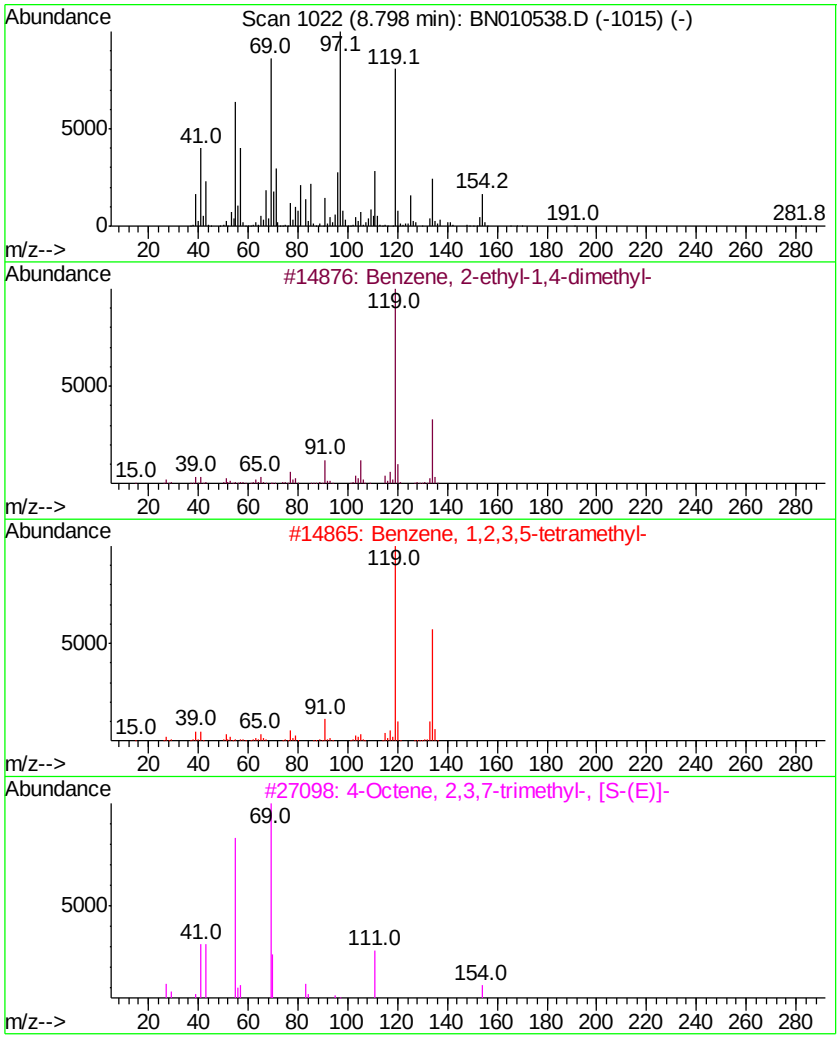
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

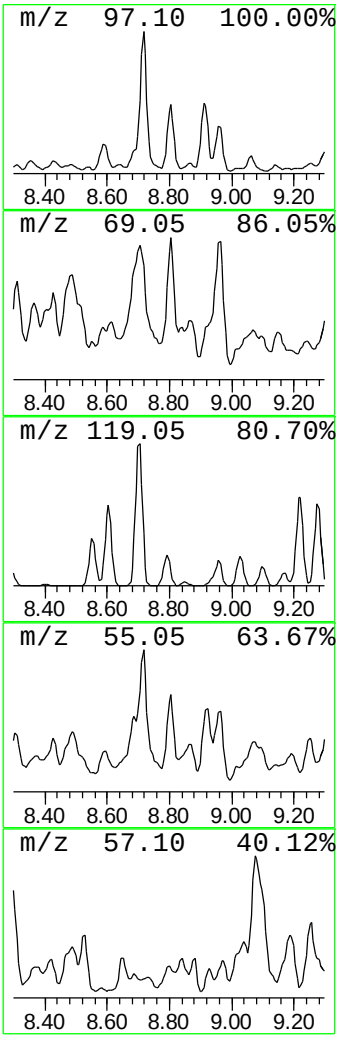
****

Peak Number 46 unknown-06 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	5.63 ng/ul	8908330	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	25
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	25
3	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	20
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	15
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	15





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

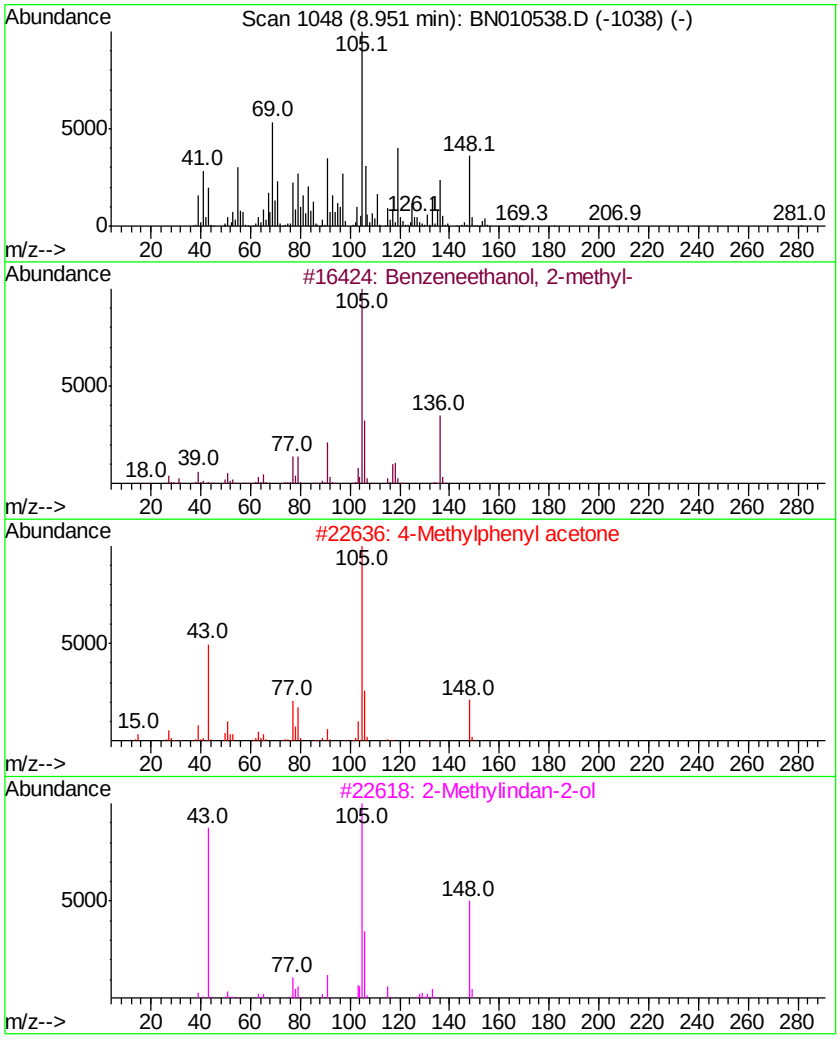
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

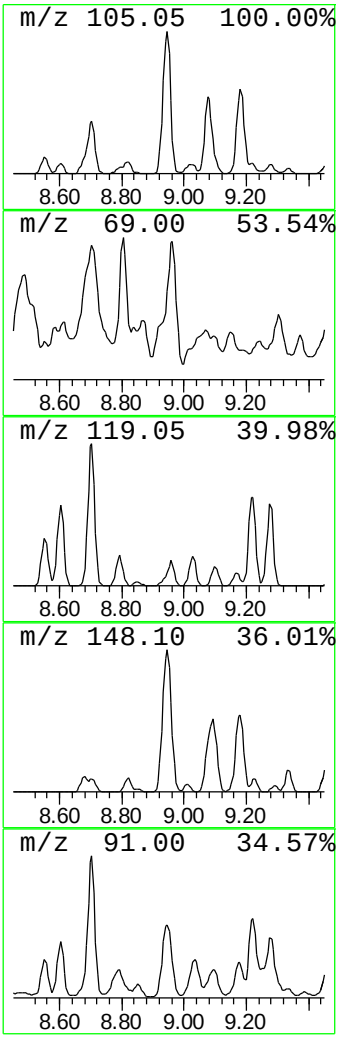
****

Peak Number 47 unknown-07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	15.07 ng/ul	23835000	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	42
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	30
4	Benzeneethanol, .beta.-methyl-, ...	136	C9H12O	037778-99-7	30
5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

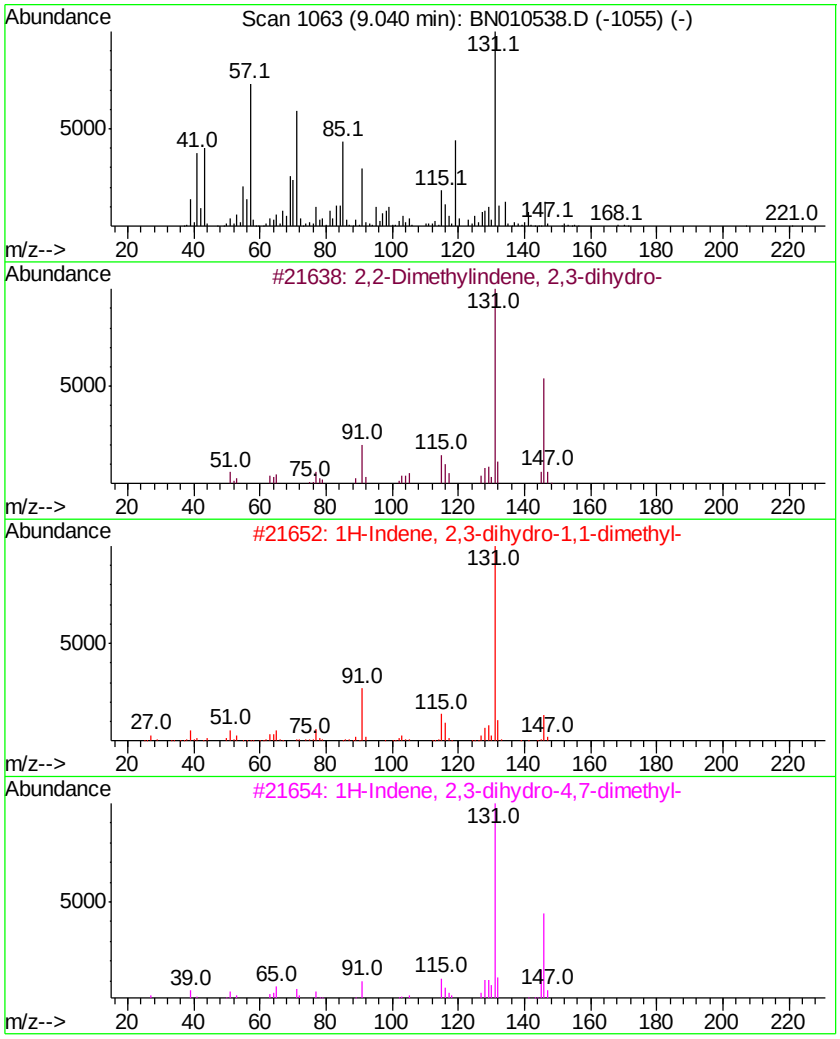
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

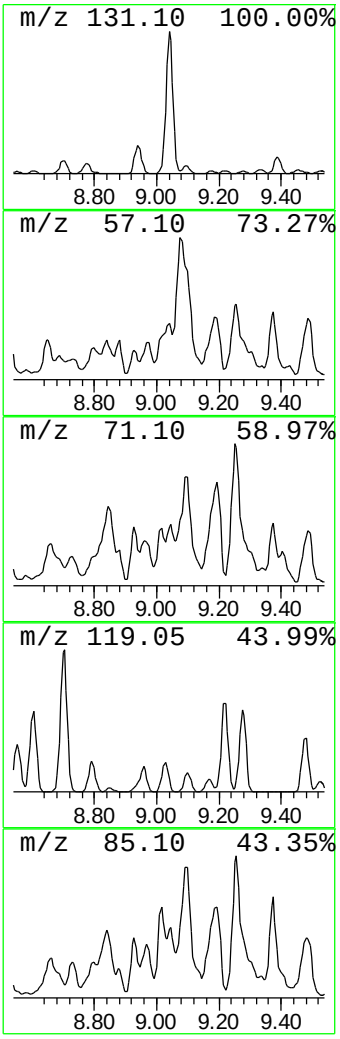
****

Peak Number 48 2,2-Dimethylindene, 2,3-dih... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	25.28 ng/ul	11366200	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	52
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	46
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	46
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

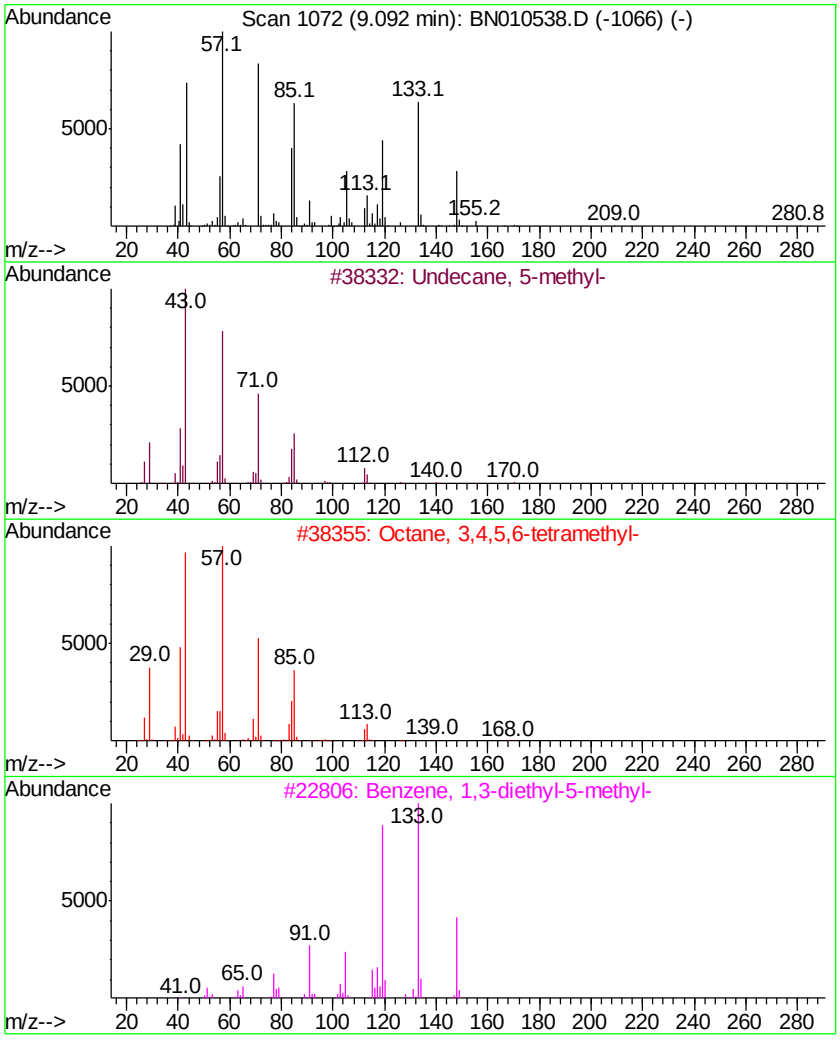
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

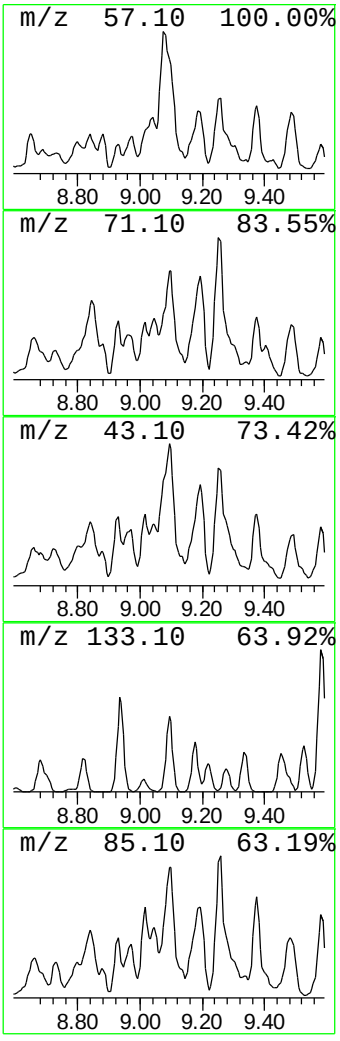
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	29.55 ng/ul	13288900	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	55
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	43
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
4	Dodecane, 5-methyl-	184	C13H28	017453-93-9	38
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

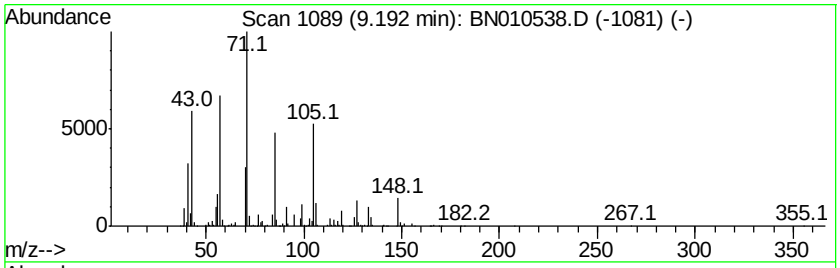
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

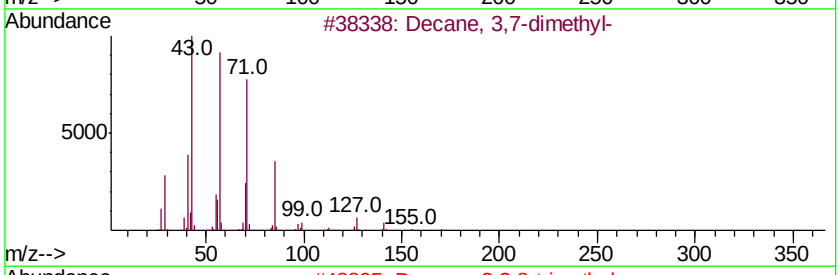
****

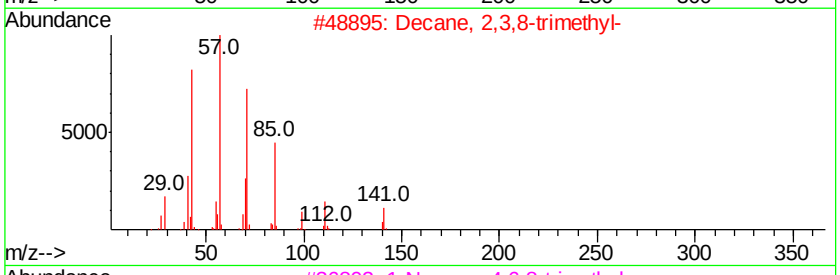
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 8

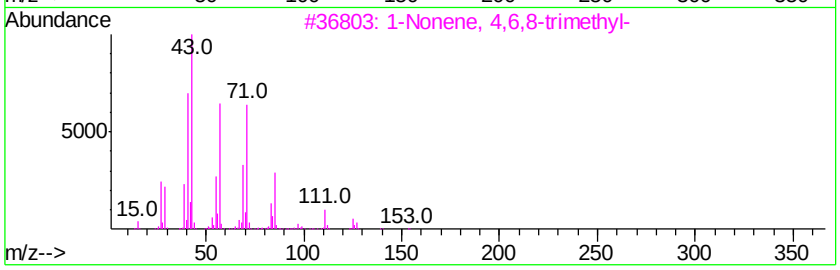
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	19.17 ng/ul	8620070	Naphthalene-d8	10.36

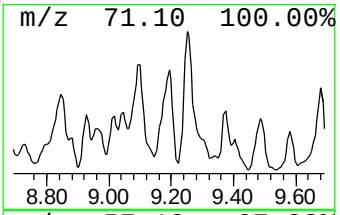
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	60
2	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	43
3	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	38
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	35
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	35

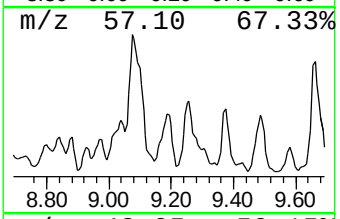


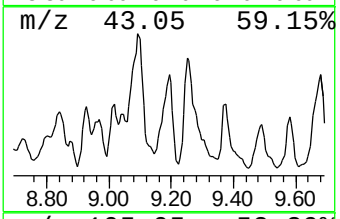


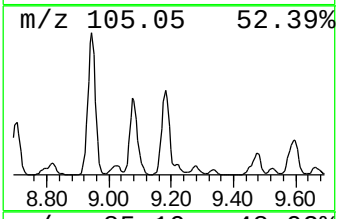


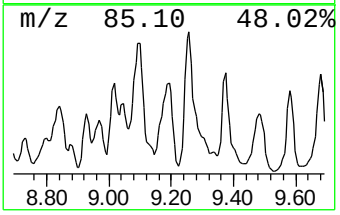












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

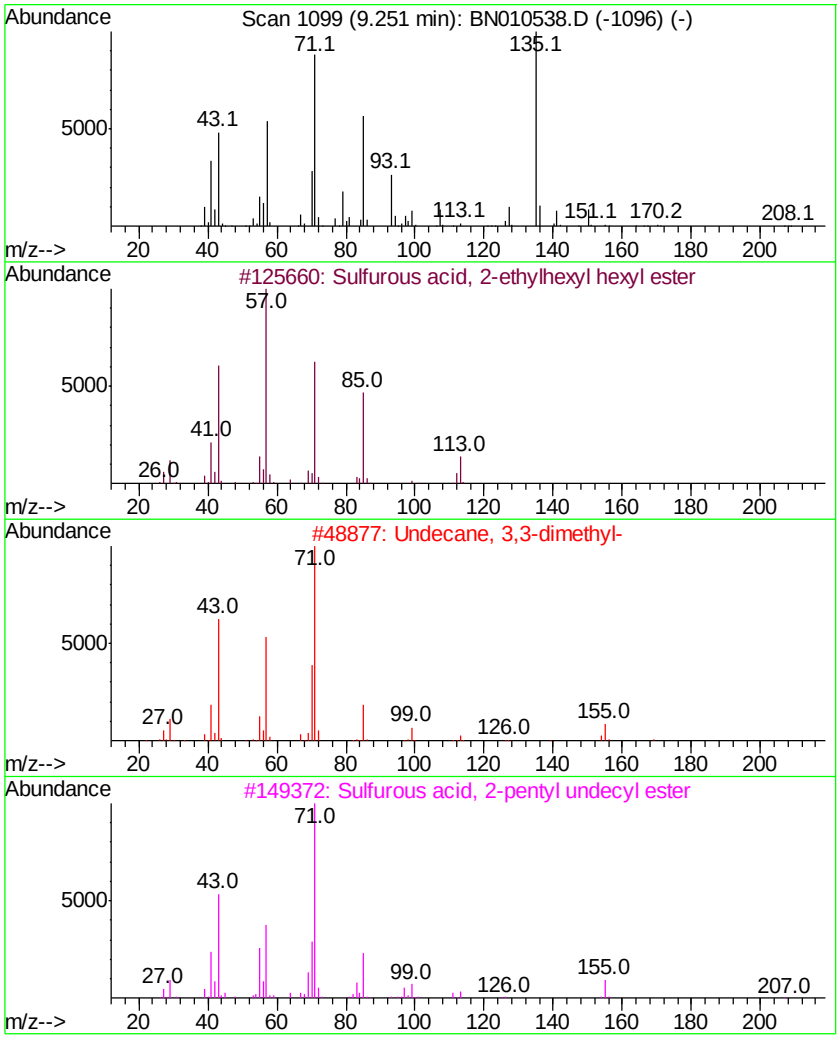
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

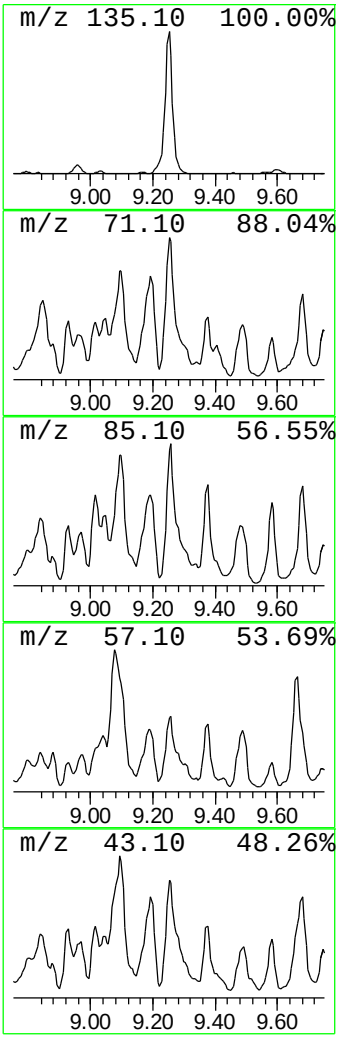
****

Peak Number 51 unknown-08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	27.96 ng/ul	12570000	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35
2	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	27
3	Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	27
4	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	27
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

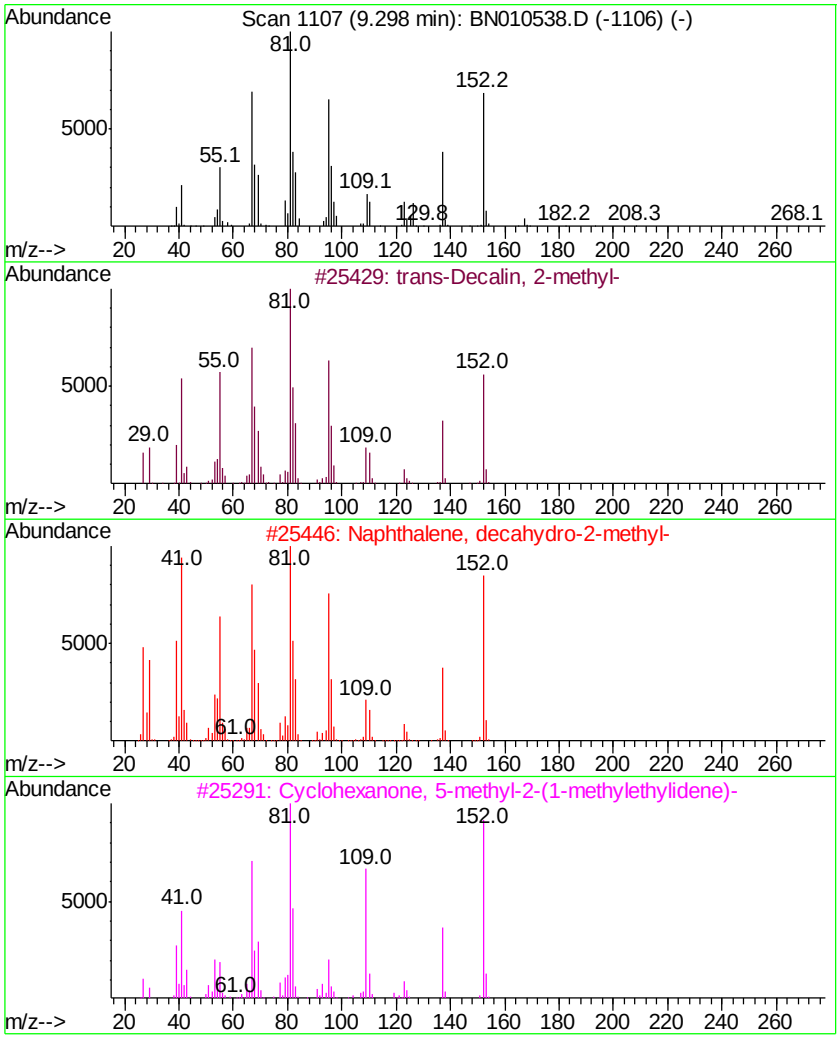
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

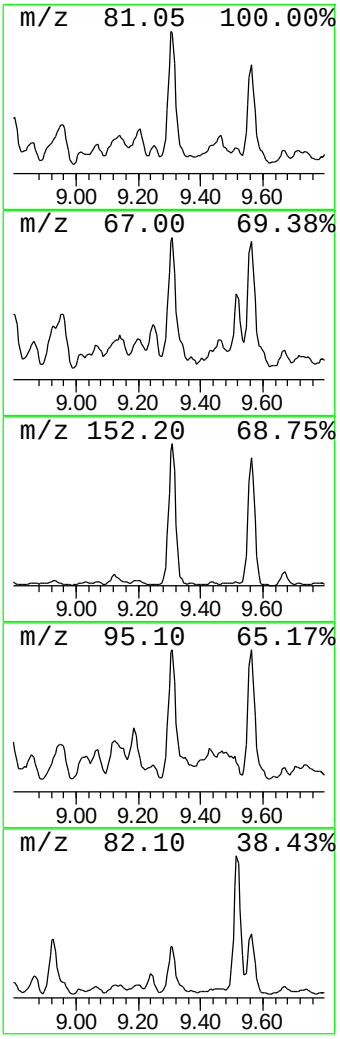
****

Peak Number 52 trans-Decalin, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	16.97 ng/ul	7631430	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	97
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	90
4	Pulegone	152	C10H16O	000089-82-7	81
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

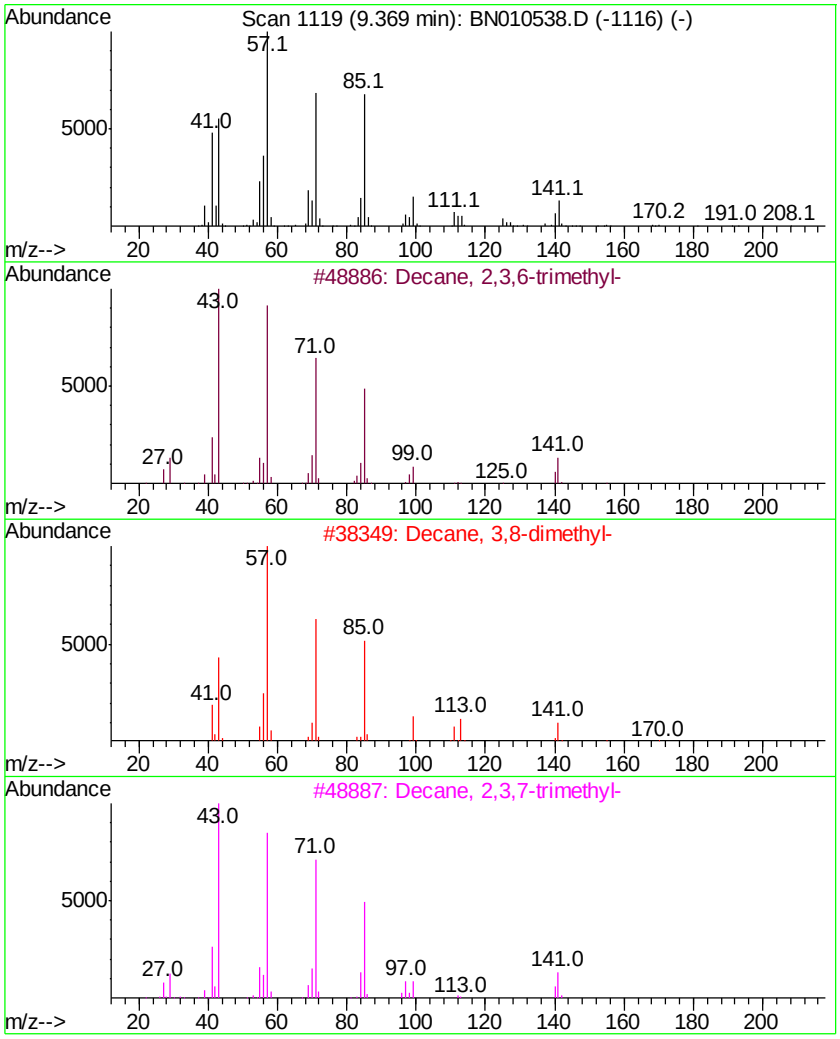
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

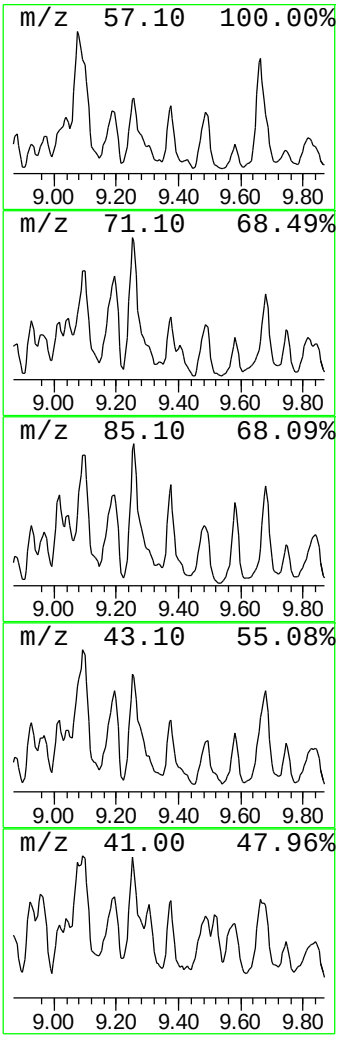
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	10.16 ng/ul	4570280	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	72
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

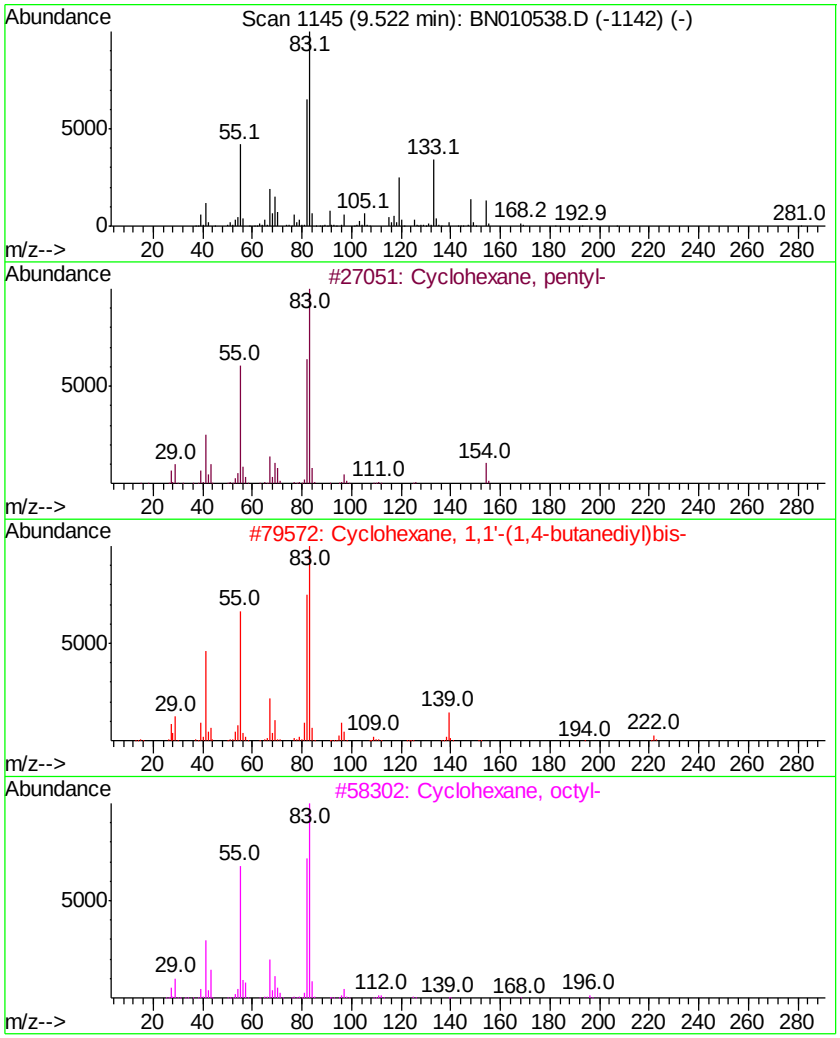
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

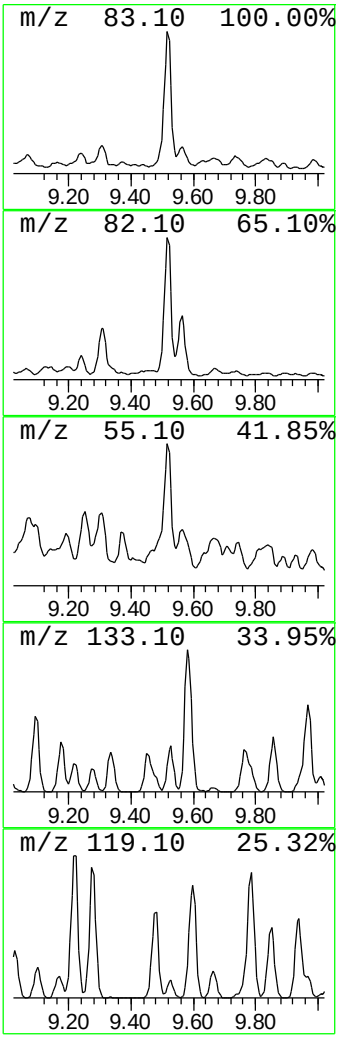
****

Peak Number 54 (DEL) Alkane: Cyclic9.52 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	11.85 ng/ul	5327770	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	50
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

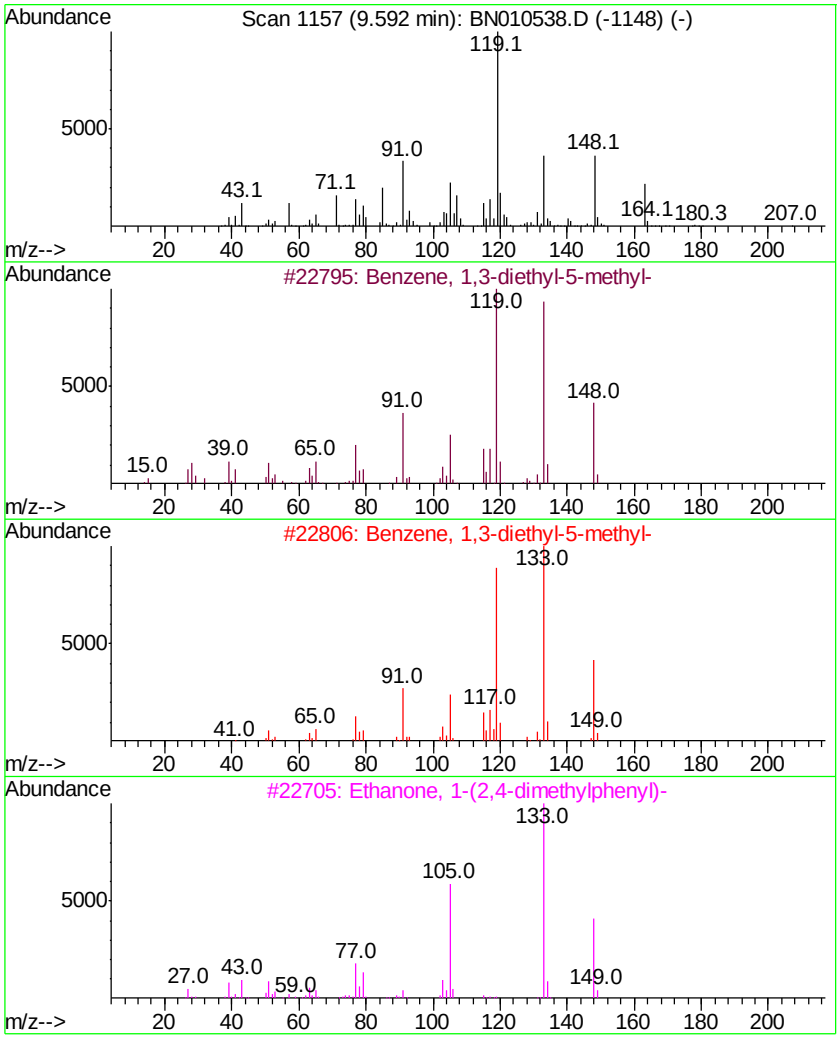
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

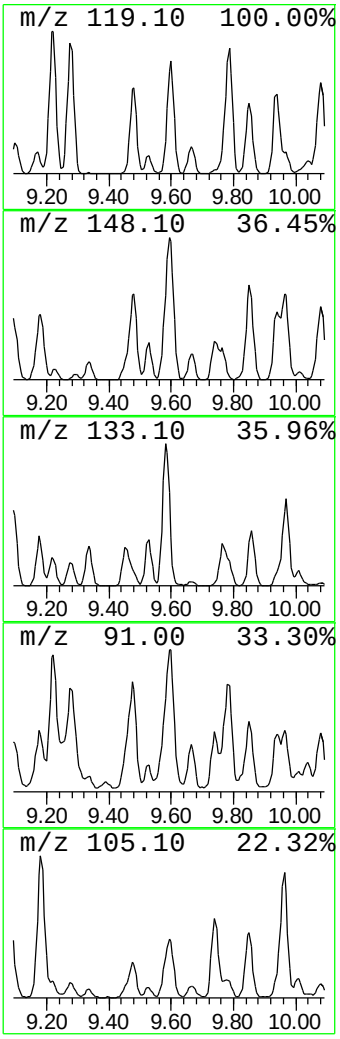
****

Peak Number 55 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	35.40 ng/ul	15915500	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	47
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	35
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

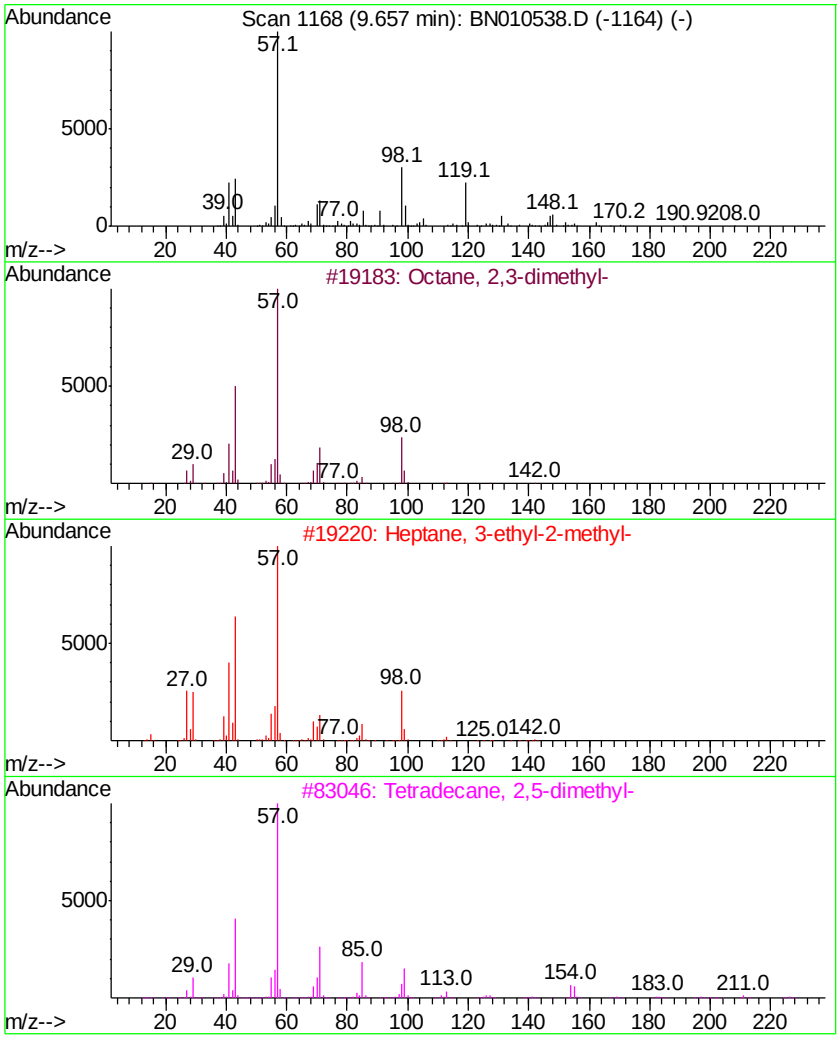
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

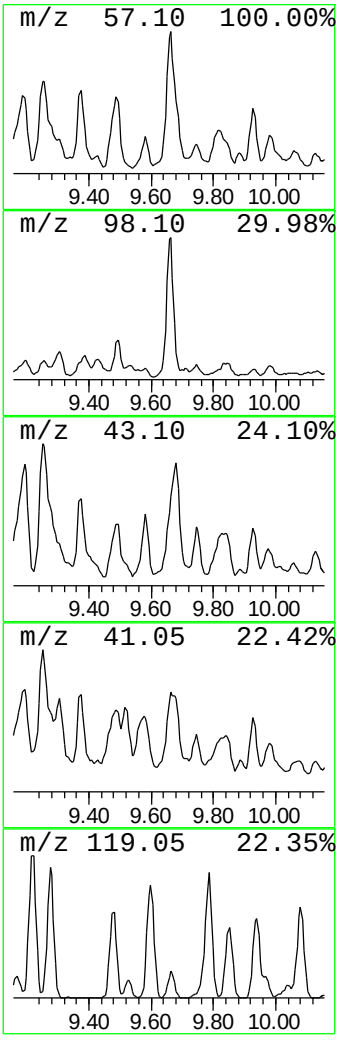
****

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	17.74 ng/ul	7974690	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	49
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
3	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	38
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	35
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

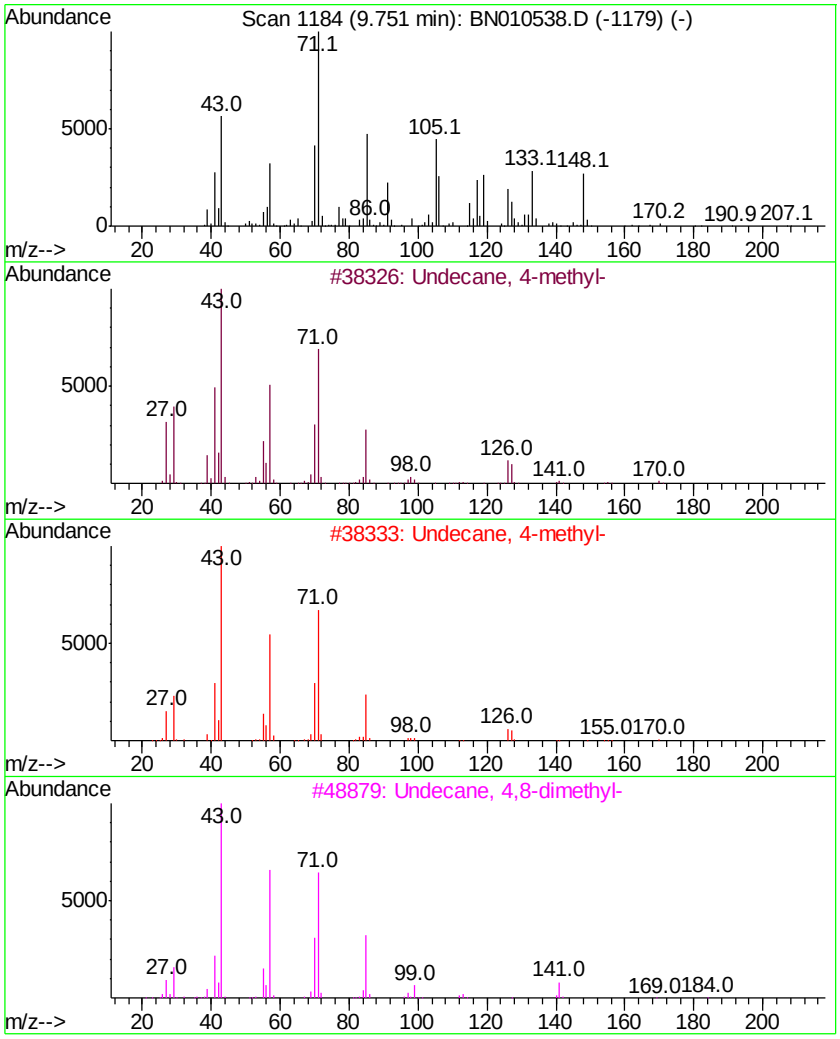
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

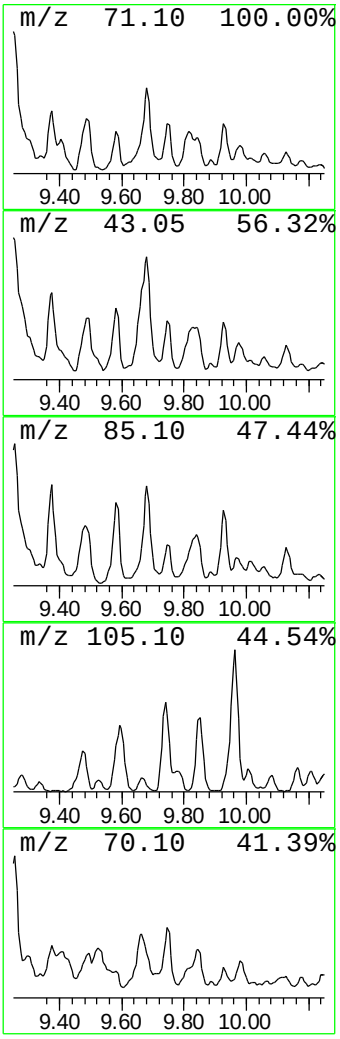
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	7.90 ng/ul	3553450	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	60
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	47
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	43
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	43
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

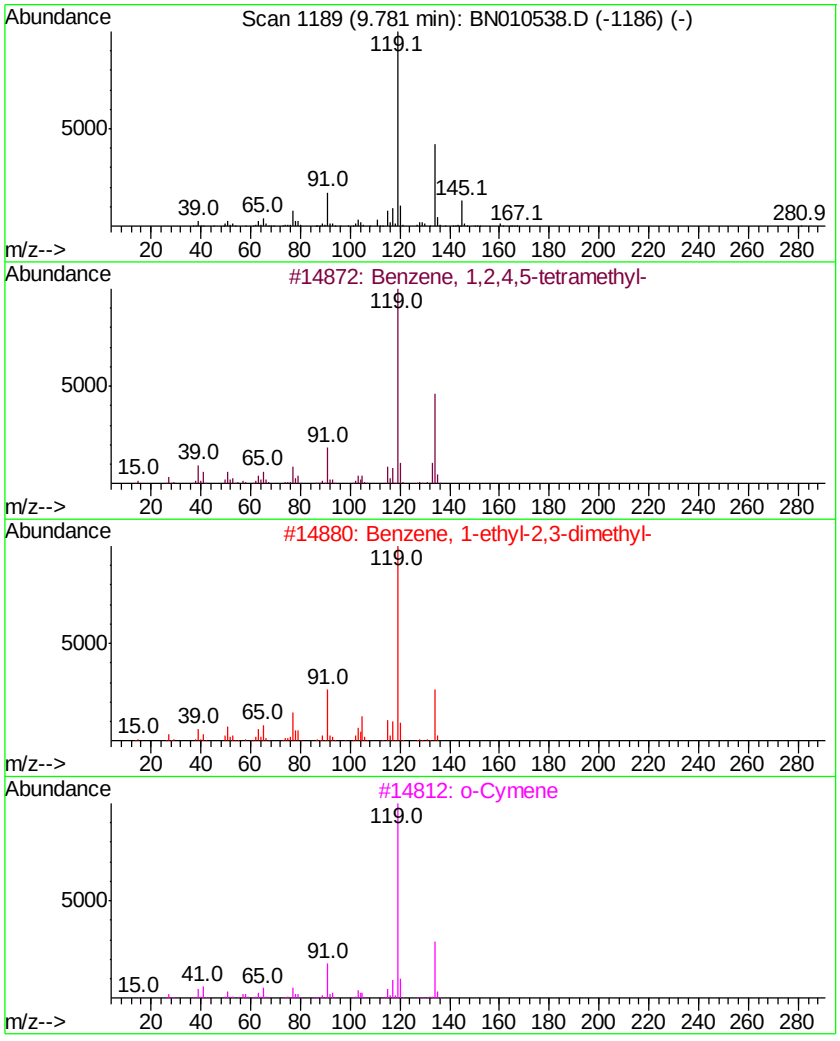
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

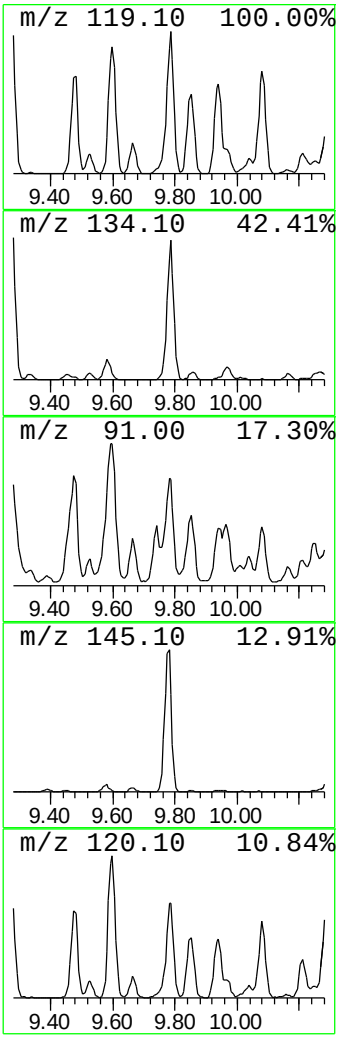
****

Peak Number 58 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	13.54 ng/ul	6086960	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

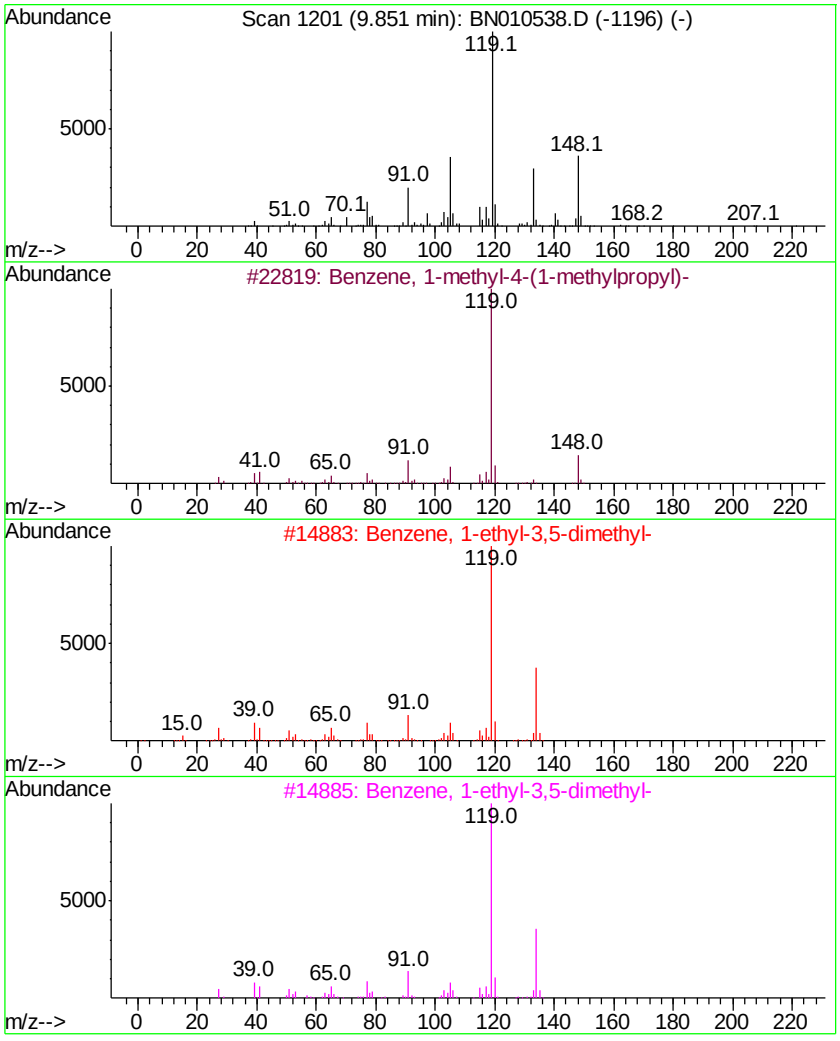
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

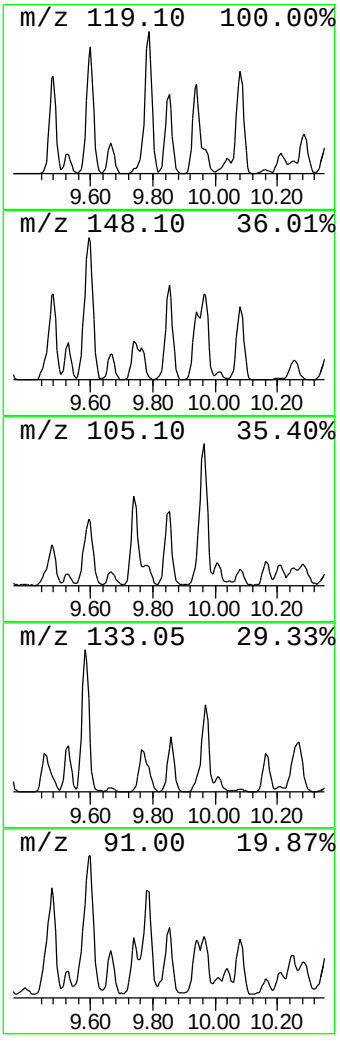
****

Peak Number 59 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	13.24 ng/ul	5954670	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

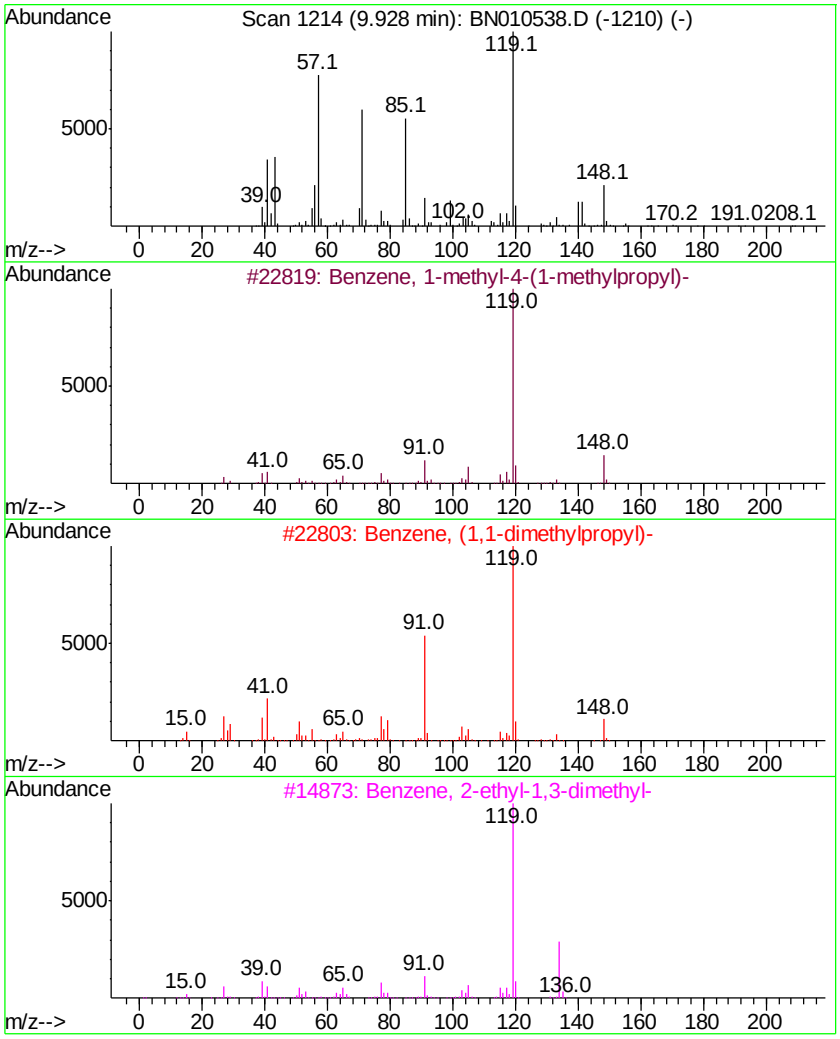
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

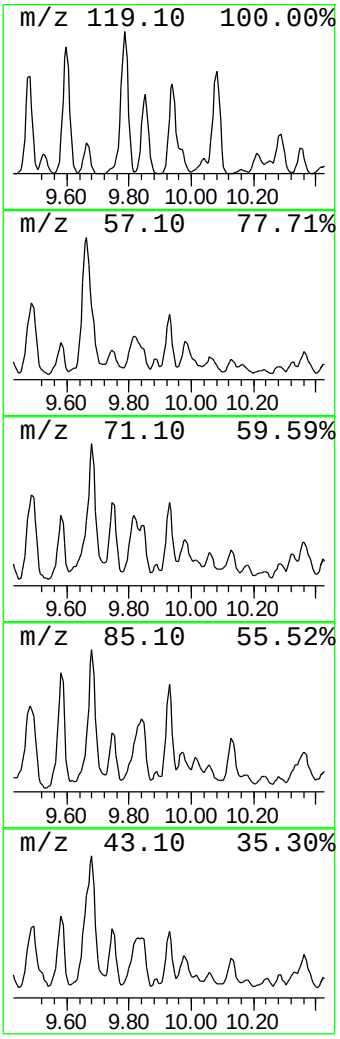
****

Peak Number 60 Benzene, (1,1-dimethylpropyl)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	12.02 ng/ul	5404410	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

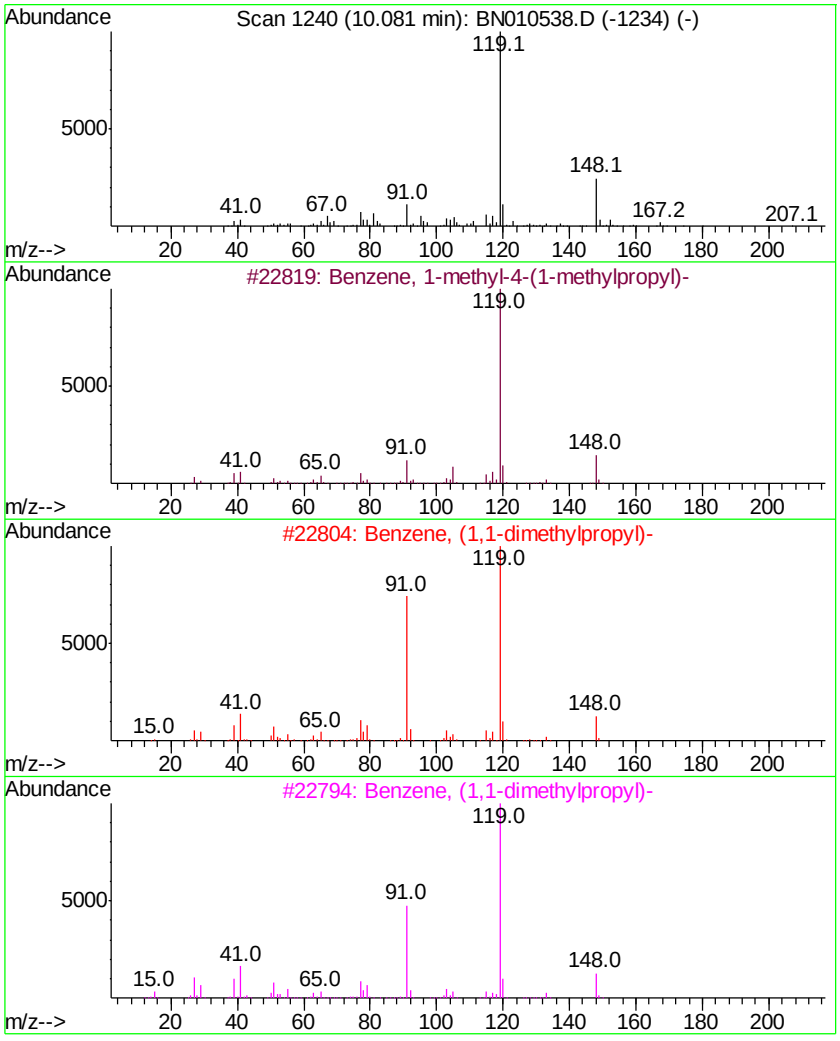
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

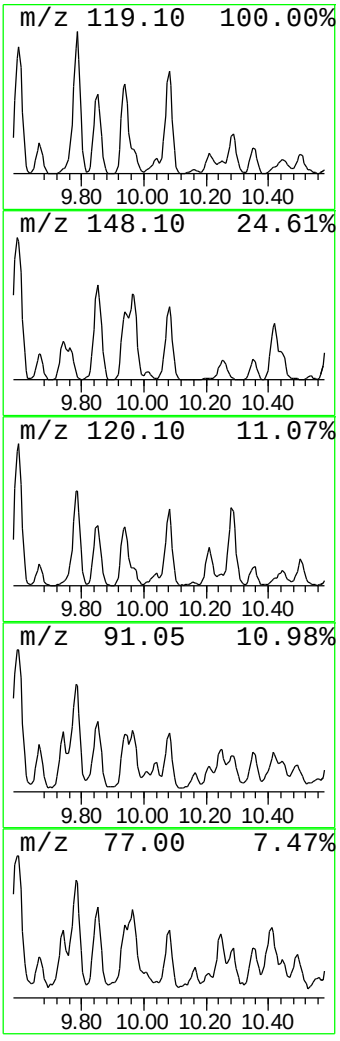
****

Peak Number 61 Acetic acid, (2,4-xylyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	9.17 ng/ul	4124410	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	64
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

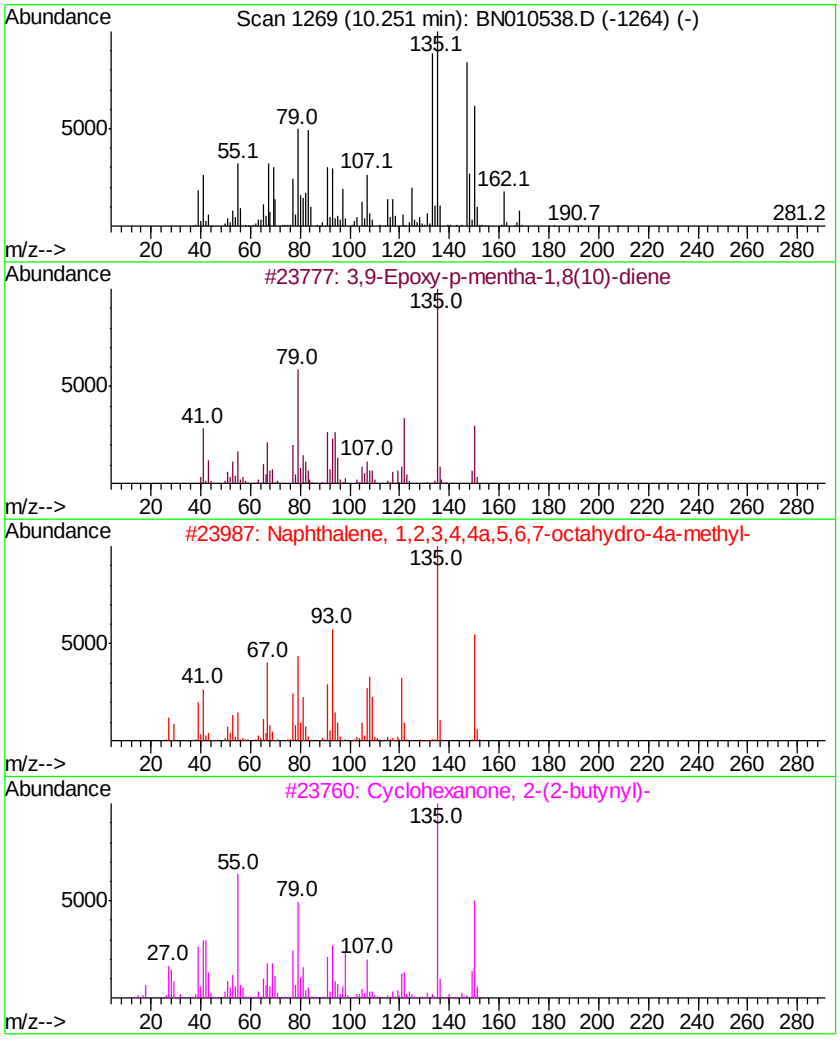
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

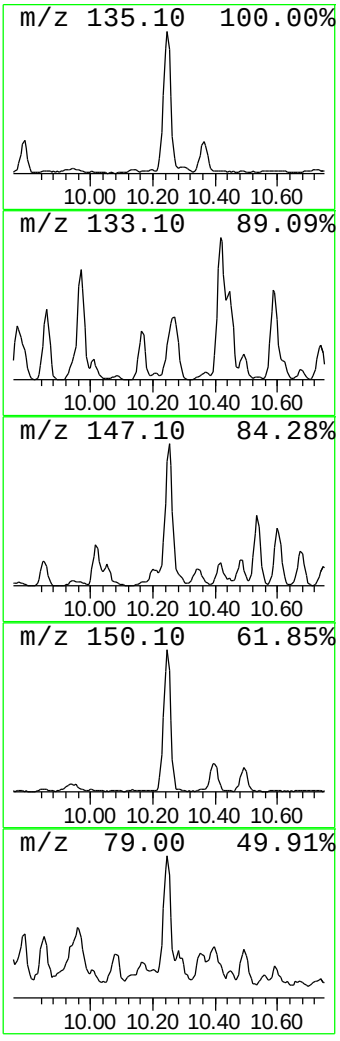
****

Peak Number 62 3,9-Epoxy-p-mentha-1,8(10)-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	6.80 ng/ul	3058730	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	50
2	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	50
3	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	49
4	p-Cymen-7-ol	150	C10H14O	000536-60-7	49
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

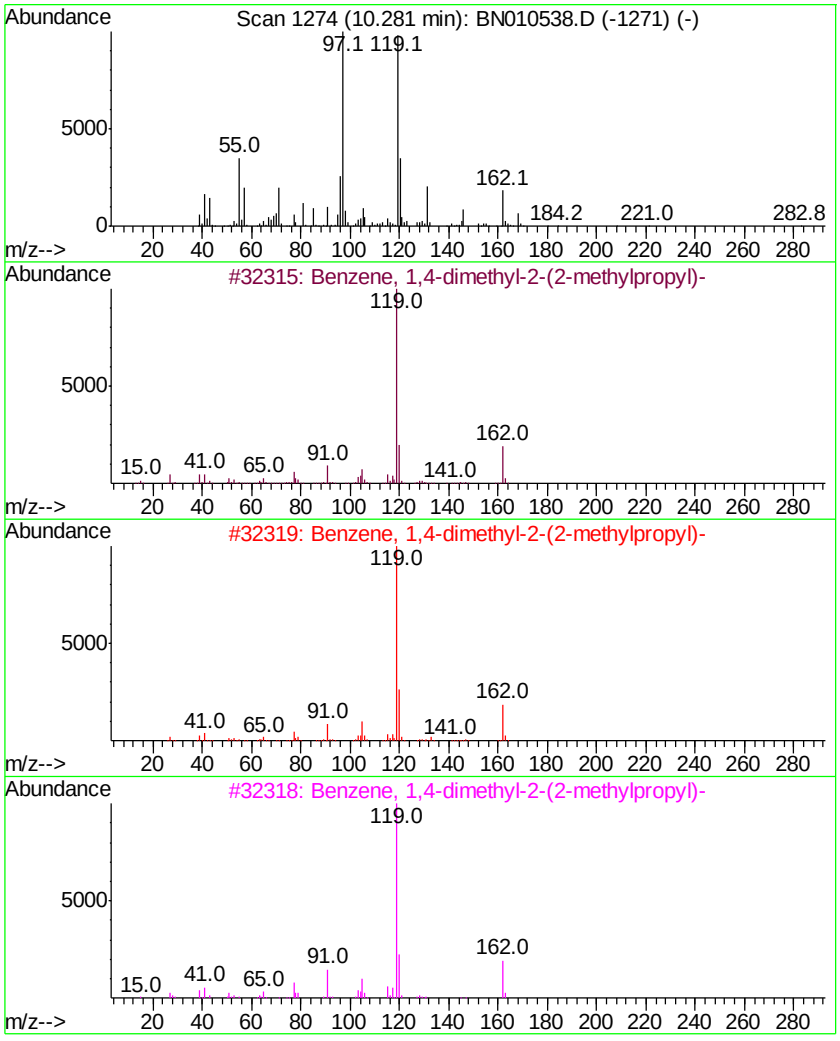
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

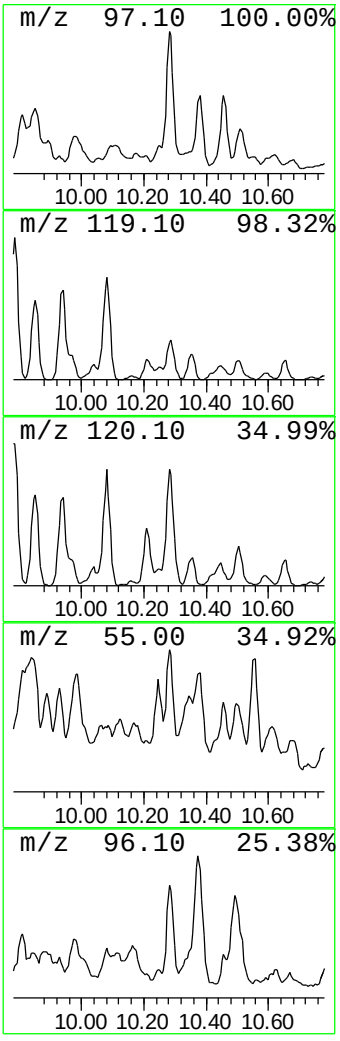
****

Peak Number 63 unknown-09 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	6.64 ng/ul	2984620	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	30
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	30
3	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	30
4	2-Amino-3a,4,5,6,7,7a-hexahydro-...	162	C10H14N2	1000185-29-8	27
5	Carbonic acid, isobutyl 4-cyanop...	219	C12H13NO3	1000357-83-6	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

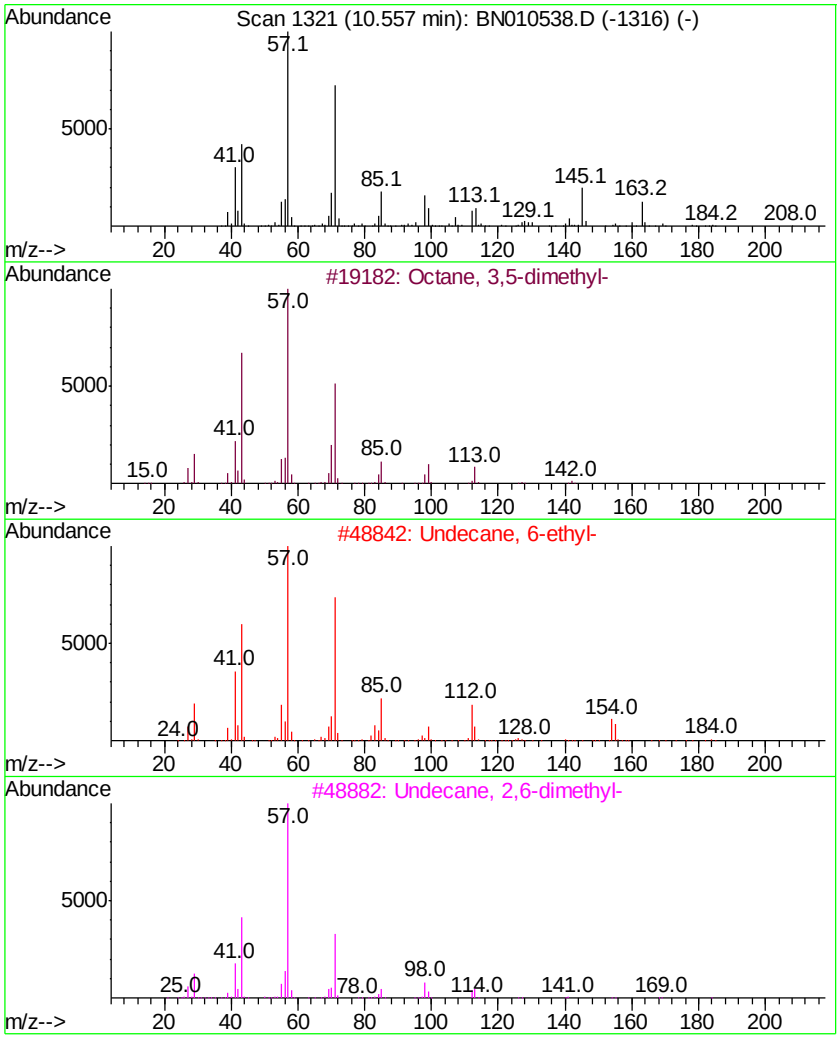
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

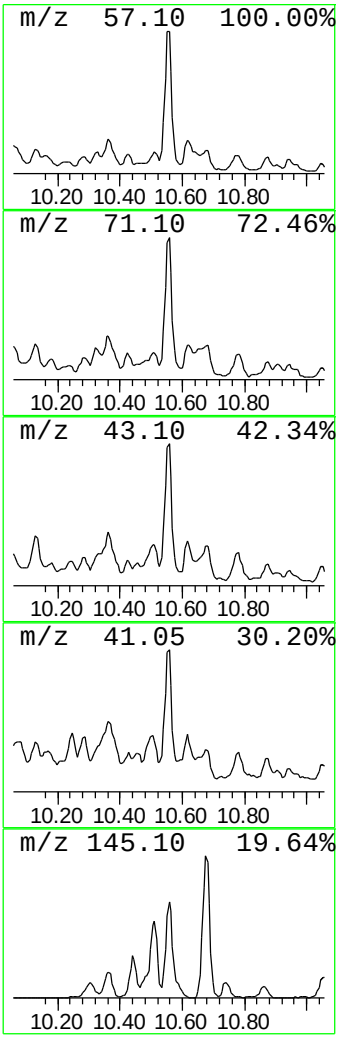
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	11.34 ng/ul	5097370	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	58
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	49
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

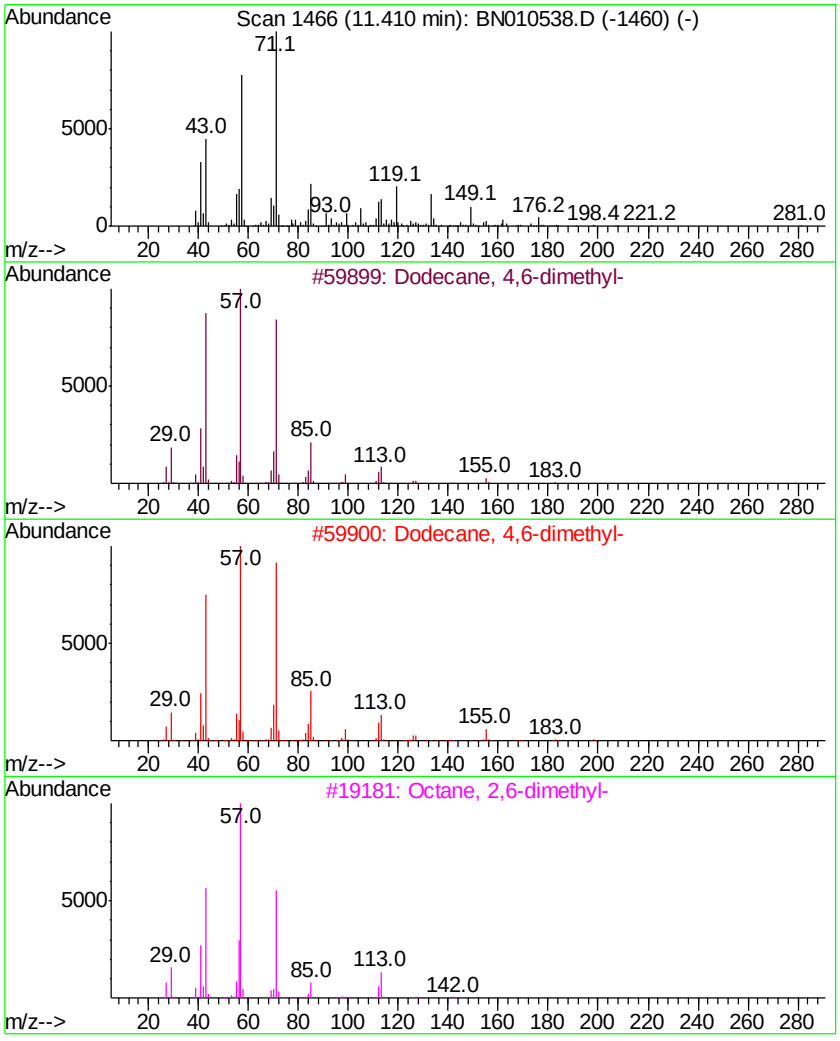
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

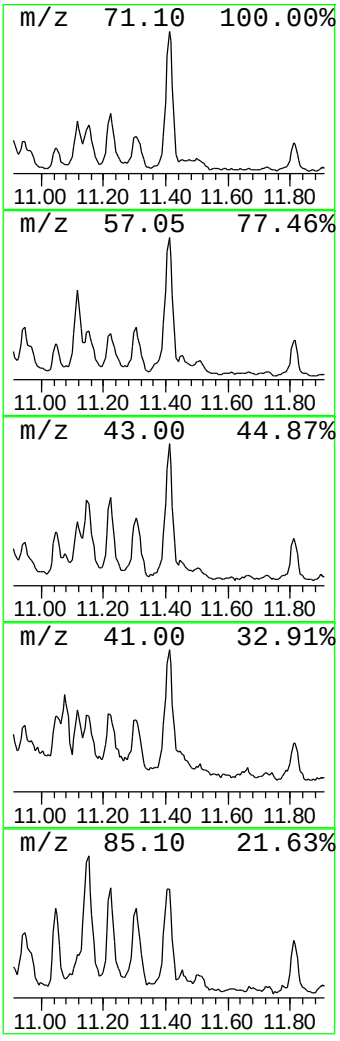
****

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	6.47 ng/ul	2911430	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	60
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	52
5	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041620\
Data File : BN010538.D
Acq On : 17 Apr 2020 04:16
Operator : CG/JU
Sample : L2176-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.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
(DEL) Alkane: Cyc...	4.08	3.8	ng/ul	5968280	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	4.35	2.3	ng/ul	3556790	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	4.43	3.6	ng/ul	5642670	1	7.60	31639500	20.0
(DEL) Alkane: Str...	4.53	2.1	ng/ul	3373870	1	7.60	31639500	20.0
(DEL) Alkane: Str...	4.63	3.7	ng/ul	5897360	1	7.60	31639500	20.0
(DEL) Alkane: Str...	4.73	5.3	ng/ul	8323350	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	4.78	4.4	ng/ul	6944120	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	4.83	4.3	ng/ul	6845390	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	4.88	3.0	ng/ul	4679740	1	7.60	31639500	20.0
(DEL) Alkane: Str...	5.04	2.6	ng/ul	4082850	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	5.11	7.1	ng/ul	11290400	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	5.46	3.5	ng/ul	5620420	1	7.60	31639500	20.0
Cyclopentane, 1-m...	5.53	3.9	ng/ul	6153750	1	7.60	31639500	20.0
(DEL) Alkane: Str...	5.62	5.2	ng/ul	8184740	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	5.68	4.2	ng/ul	6682800	1	7.60	31639500	20.0
Sulfurous acid, c...	5.93	13.1	ng/ul	20693500	1	7.60	31639500	20.0
(DEL) Alkane: Str...	6.05	5.2	ng/ul	8243020	1	7.60	31639500	20.0
unknown-01	6.14	8.8	ng/ul	13836900	1	7.60	31639500	20.0
(DEL) Alkane: Str...	6.21	9.2	ng/ul	14596200	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	6.28	13.4	ng/ul	21113200	1	7.60	31639500	20.0
(DEL) Alkane: Str...	6.32	6.8	ng/ul	10755600	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	6.39	2.7	ng/ul	4298060	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	6.46	3.5	ng/ul	5475040	1	7.60	31639500	20.0
(DEL) Alkane: Str...	6.54	6.6	ng/ul	10502800	1	7.60	31639500	20.0
unknown-02	6.60	3.9	ng/ul	6105880	1	7.60	31639500	20.0
(DEL) Alkane: Str...	6.63	6.1	ng/ul	9670590	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	6.73	3.5	ng/ul	5619580	1	7.60	31639500	20.0
Cyclohexene, 1-bu...	7.00	3.0	ng/ul	4765300	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	7.05	2.5	ng/ul	4011700	1	7.60	31639500	20.0
Benzene, 1,2,3-tr...	7.26	4.9	ng/ul	7688530	1	7.60	31639500	20.0
cis-2-Oxabicyclo[...	7.34	3.0	ng/ul	4794820	1	7.60	31639500	20.0
unknown-03	7.44	3.7	ng/ul	5845300	1	7.60	31639500	20.0
unknown-04	7.52	5.3	ng/ul	8305220	1	7.60	31639500	20.0
(DEL) Alkane: Str...	7.55	4.9	ng/ul	7742590	1	7.60	31639500	20.0
(DEL) Alkane: Str...	7.70	9.5	ng/ul	15022500	1	7.60	31639500	20.0
(DEL) Alkane: Str...	7.82	5.4	ng/ul	8518490	1	7.60	31639500	20.0
(DEL) Alkane: Str...	7.85	3.8	ng/ul	5930980	1	7.60	31639500	20.0
(DEL) Alkane: Cyc...	7.90	12.6	ng/ul	20001500	1	7.60	31639500	20.0
unknown-05	8.06	4.2	ng/ul	6633290	1	7.60	31639500	20.0
Benzene, 1,2-diet...	8.10	3.8	ng/ul	5930320	1	7.60	31639500	20.0
(DEL) Alkane: Str...	8.16	12.1	ng/ul	19171500	1	7.60	31639500	20.0
(DEL) Alkane: Str...	8.21	2.7	ng/ul	4327960	1	7.60	31639500	20.0
Benzene, 2-ethyl-...	8.25	4.1	ng/ul	6523300	1	7.60	31639500	20.0
(DEL) Alkane: Str...	8.49	3.5	ng/ul	5501050	1	7.60	31639500	20.0
o-Cymene	8.60	3.6	ng/ul	5683640	1	7.60	31639500	20.0
unknown-06	8.80	5.6	ng/ul	8908330	1	7.60	31639500	20.0
unknown-07	8.95	15.1	ng/ul	23835000	1	7.60	31639500	20.0
2,2-Dimethylinden...	9.04	25.3	ng/ul	11366200	2	10.36	8993040	20.0
(DEL) Alkane: Str...	9.09	29.6	ng/ul	13288900	2	10.36	8993040	20.0

(DEL) Alkane: Str...	9.19	19.2	ng/ul	8620070	2	10.36	8993040	20.0
unknown-08	9.25	28.0	ng/ul	12570000	2	10.36	8993040	20.0
trans-Decalin, 2-...	9.30	17.0	ng/ul	7631430	2	10.36	8993040	20.0
(DEL) Alkane: Str...	9.37	10.2	ng/ul	4570280	2	10.36	8993040	20.0
(DEL) Alkane: Cyc...	9.52	11.9	ng/ul	5327770	2	10.36	8993040	20.0
Benzene, 1,3-diet...	9.59	35.4	ng/ul	15915500	2	10.36	8993040	20.0
(DEL) Alkane: Str...	9.66	17.7	ng/ul	7974690	2	10.36	8993040	20.0
(DEL) Alkane: Str...	9.75	7.9	ng/ul	3553450	2	10.36	8993040	20.0
Benzene, 1,2,4,5-...	9.78	13.5	ng/ul	6086960	2	10.36	8993040	20.0
Benzene, 1-methyl...	9.85	13.2	ng/ul	5954670	2	10.36	8993040	20.0
Benzene, (1,1-dim...	9.93	12.0	ng/ul	5404410	2	10.36	8993040	20.0
Acetic acid, (2,4...	10.08	9.2	ng/ul	4124410	2	10.36	8993040	20.0
3,9-Epoxy-p-menth...	10.25	6.8	ng/ul	3058730	2	10.36	8993040	20.0
unknown-09	10.28	6.6	ng/ul	2984620	2	10.36	8993040	20.0
(DEL) Alkane: Str...	10.56	11.3	ng/ul	5097370	2	10.36	8993040	20.0
(DEL) Alkane: Str...	11.41	6.5	ng/ul	2911430	2	10.36	8993040	20.0

Instrument :
BNA_N
ClientSampleId :
BG2H9