LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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	4.881	351	356	362	rBV	2615131	4658633	9.43%	0.505%
2	5.105	386	394	402	rVB2	2189821	4937949	10.00%	0.535%
3	5.358	432	437	446	rVB3	971514	2165545	4.39%	0.235%
4	5.463	446	455	461	rBV3	1584025	3091805	6.26%	0.335%
5	5.534	461	467	475	rBV3	2261943	5340758	10.81%	0.579%
6	5.611	475	480	485	rBV	4073638	6250808	12.66%	0.677%
7	5.675	485	491	498	rVB	2982742	6117774	12.39%	0.663%
8	5.746	498	503	513	rBV2	2106071	3751309	7.60%	0.406%
9	5.928	525	534	541	rBV3	7757162	20928039	42.38%	2.267%
10	6.046	551	554	560	rVB	3004960	5233531	10.60%	0.567%
11	6.140	561	570	576	rBV3	8471955	17282142	35.00%	1.872%
12	6.210	576	582	586	rBV	5816703	9738334	19.72%	1.055%
13	6.275	586	593	597	rVV3	9513009	21484464	43.50%	2.327%
14	6.316	597	600	607	rVB2	9962149	16146102	32.69%	1.749%
15	6.399	609	614	618	rVB2	1801280	2837107	5.74%	0.307%
16	6.452	618	623	630	rVB3	4733639	8653250	17.52%	0.937%
17	6.522	630	635	643	rVB5	5399805	12833545	25.99%	1.390%
18	6.610	643	650	657	rBV5	3547658	10305145	20.87%	1.116%
19	6.669	658	660	665	rVB	1517341	1925610	3.90%	0.209%
20	6.728	665	670	672	rBV3	3099811	4953053	10.03%	0.537%
21	6.769	672	677	684	rVB3	8919994	18240964	36.94%	1.976%
22	6.905	695	700	703	rBV2	2177049	4097282	8.30%	0.444%
23	6.952	703	708	713	rVV6	5644452	11985230	24.27%	1.298%
24	7.010	713	718	721	rVV	7106846	10480149	21.22%	1.135%
25	7.052	721	725	728	rVV2	3790863	5394913	10.92%	0.584%
26	7.110	728	735	744	rVV3	6821112	17834851	36.11%	1.932%
27	7.187	744	748	758	rVB5	8425460	20205972	40.92%	2.189%
28	7.310	758	769	771	rBV6	4652620	12649204	25.61%	1.370%
29	7.340	771	774	779	rVB3	5069257	8013097	16.23%	0.868%
30	7.387	779	782	786	rBV	2038859	2814877	5.70%	0.305%
31	7.440	786	791	800	rBV9	4445714	11338360	22.96%	1.228%
32	7.522	800	805	806	rBV3	5237939	6874382	13.92%	0.745%
33	7.610	814	820	824	rVB2	11068812	20186886	40.88%	2.187%
34	7.693	829	834	839	rBV4	4087399	8680641	17.58%	0.940%

LSC Area Percent Report

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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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	7.746	839	843	847	rBV3	4177483	6529860	13.22%	0.707%
36	7.810	847	854	858	rBV4	5386818	10592924	21.45%	1.147%
37	7.904	863	870	877	rVB3	11574163	24260914	49.13%	2.628%
38	7.969	877	881	886	rBV2	4203515	5864360	11.87%	0.635%
39	8.057	892	896	899	rBV2	4195381	5700749	11.54%	0.618%
40	8.099	899	903	906	rBV	4167749	5812304	11.77%	0.630%
41	8.169	912	915	921	rVB2	5946971	8682924	17.58%	0.941%
42	8.246	923	928	932	rBV6	2266257	3597112	7.28%	0.390%
43	8.304	932	938	943	rBV5	3816750	7401703	14.99%	0.802%
44	8.434	952	960	964	rBV	18521607	32493228	65.80%	3.520%
45	8.593	982	987	994	rBV3	2497097	6193816	12.54%	0.671%
46	8.704	996	1006	1015	rBV3	15034577	39787580	80.57%	4.310%
47	8.804	1015	1023	1028	rVV3	6894158	14616079	29.60%	1.583%
48	8.934	1038	1045	1047	rBV3	9074721	17925883	36.30%	1.942%
49	9.046	1055	1064	1066	rBV2	5907725	12986150	26.30%	1.407%
50	9.187	1084	1088	1090	rBV4	1830660	2913829	5.90%	0.316%
51	9.222	1090	1094	1096	rVV	5199251	7643125	15.48%	0.828%
52	9.251	1096	1099	1103	rVB	7019074	10059265	20.37%	1.090%
53	9.310	1103	1109	1117	rVB4	11360409	20729973	41.98%	2.246%
54	9.375	1117	1120	1127	rVB2	1334246	2117315	4.29%	0.229%
55	9.481	1127	1138	1141	rBV5	4767708	13495621	27.33%	1.462%
56	9.522	1141	1145	1148	rVV	6060147	8096061	16.39%	0.877%
57	9.569	1148	1153	1162	rVB4	14711108	31684989	64.16%	3.432%
58	9.669	1166	1170	1174	rVB3	2553196	3858044	7.81%	0.418%
59	9.787	1185	1190	1196	rVV2	8303212	14065082	28.48%	1.524%
60	9.846	1196	1200	1205	rVB4	2220313	3856768	7.81%	0.418%
61	9.981	1218	1223	1231	rVB5	3065655	6509542	13.18%	0.705%
62	10.081	1235	1240	1244	rVB	3738998	5789439	11.72%	0.627%
63	10.246	1264	1268	1272	rBV2	2641712	3417477	6.92%	0.370%
64	10.357	1279	1287	1294	rBV4	5399002	12704645	25.73%	1.376%
65	10.493	1306	1310	1316	rVB4	3097753	5943909	12.04%	0.644%
66	10.557	1316	1321	1324	rBV	3402289	4904113	9.93%	0.531%
67	10.593	1324	1327	1335	rVB3	1213816	2533011	5.13%	0.274%
68	10.675	1336	1341	1346	rVB2	2135513	3683199	7.46%	0.399%
69	11.075	1407	1409	1414	rVB2	1449833	1885233	3.82%	0.204%
70	11.410	1461	1466	1471	rBV	1674092	2954635	5.98%	0.320%
71	12.022	1565	1570	1577	rVB	1252555	2339013	4.74%	0.253%

LSC Area Percent Report

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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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	13.640	1840	1845	1849	rVV	2280354	3149399	6.38%	0.341%
73	13.910	1885	1891	1911	rVV	2747648	4081480	8.26%	0.442%
74	14.222	1935	1944	1950	rVV	3996372	5959422	12.07%	0.646%
75	15.222	2108	2114	2119	rBV	3577976	5182368	10.49%	0.561%
76	16.969	2405	2411	2415	rBV	5240556	7425860	15.04%	0.804%
77	17.010	2415	2418	2423	rVB	3314827	4239587	8.58%	0.459%
78	17.069	2423	2428	2432	rBV	4328698	6420101	13.00%	0.695%
79	17.163	2438	2444	2451	rBV	5230480	6919143	14.01%	0.750%
80	18.269	2626	2632	2639	rVV4	1927759	3560844	7.21%	0.386%
81	18.463	2660	2665	2668	rBV	2505273	3416537	6.92%	0.370%
82	18.616	2685	2691	2696	rVV	37403073	49384098	100.00%	5.350%
83	18.675	2696	2701	2707	rVB	13552630	17150938	34.73%	1.858%
84	19.033	2757	2762	2768	rBV	4930988	6488458	13.14%	0.703%
85	19.110	2769	2775	2780	rBV	18595140	23332859	47.25%	2.528%
86	19.374	2815	2820	2822	rVV	6102516	8696162	17.61%	0.942%
87	19.398	2822	2824	2832	rVB	4244058	5221223	10.57%	0.566%
88	19.780	2885	2889	2893	rVV	2303985	2650095	5.37%	0.287%
89	19.833	2893	2898	2902	rVV	2597737	3274502	6.63%	0.355%
90	20.374	2984	2990	2997	rBV	2269096	3529493	7.15%	0.382%
91	20.721	3044	3049	3053	rBV2	2071130	3549494	7.19%	0.384%
92	20.863	3068	3073	3075	rBV3	3458338	4824526	9.77%	0.523%
93	20.916	3080	3082	3099	rVB6	1609019	2778510	5.63%	0.301%
94	21.174	3120	3126	3130	rVV2	7718574	13130484	26.59%	1.422%
95	21.210	3130	3132	3139	rVB	2371481	2713298	5.49%	0.294%
96	22.704	3381	3386	3389	rBV	2005274	3915838	7.93%	0.424%
97	23.210	3467	3472	3476	rVV	3239716	5644151	11.43%	0.611%
98	23.251	3476	3479	3488	rVB2	1614179	3728422	7.55%	0.404%
99	23.345	3489	3495	3501	rBV	4178926	7426619	15.04%	0.804%
100	26.274	3986	3993	4005	rVB5	1460764	4295961	8.70%	0.465%

Sum of corrected areas: 923151457

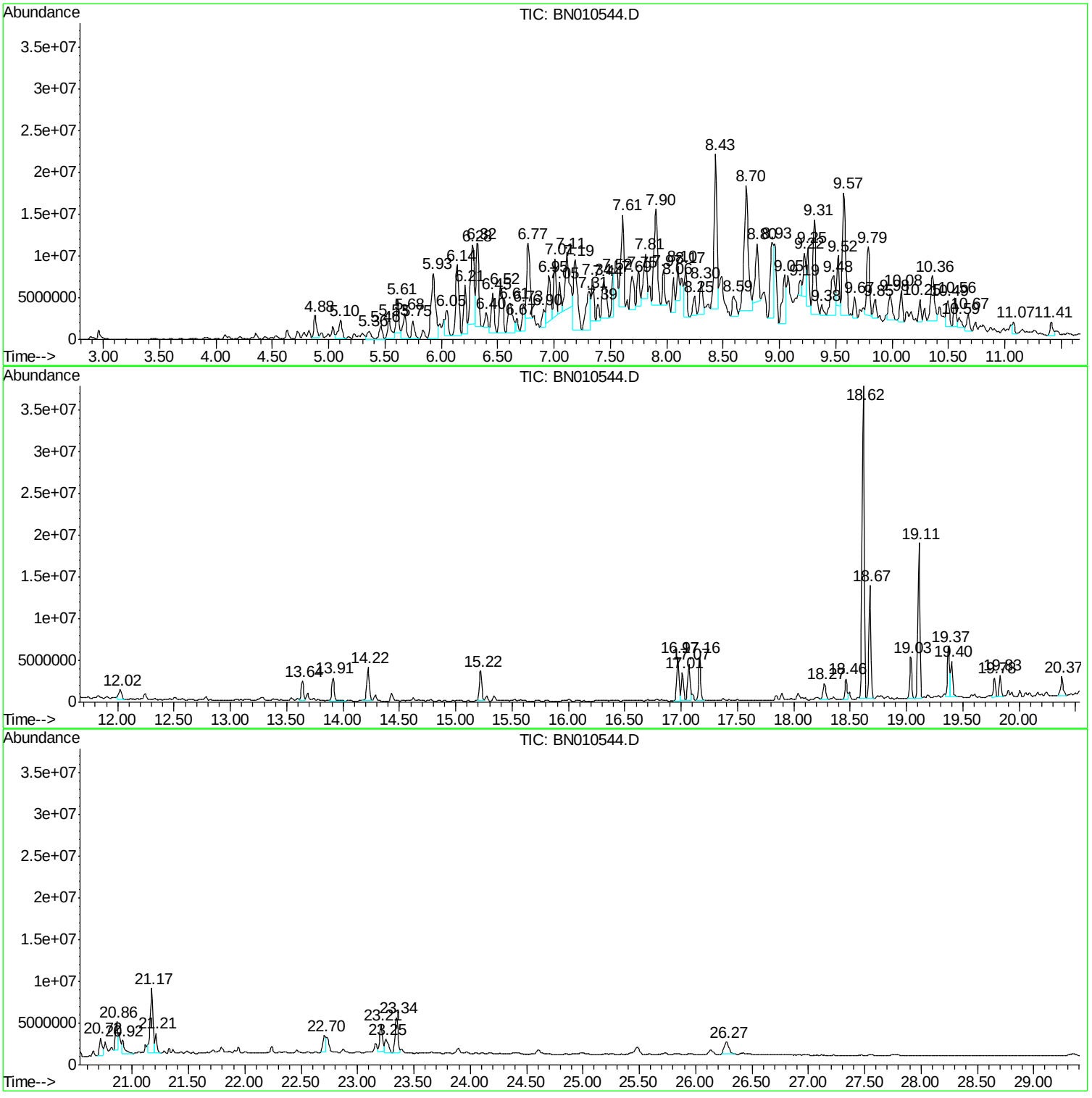
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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 : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

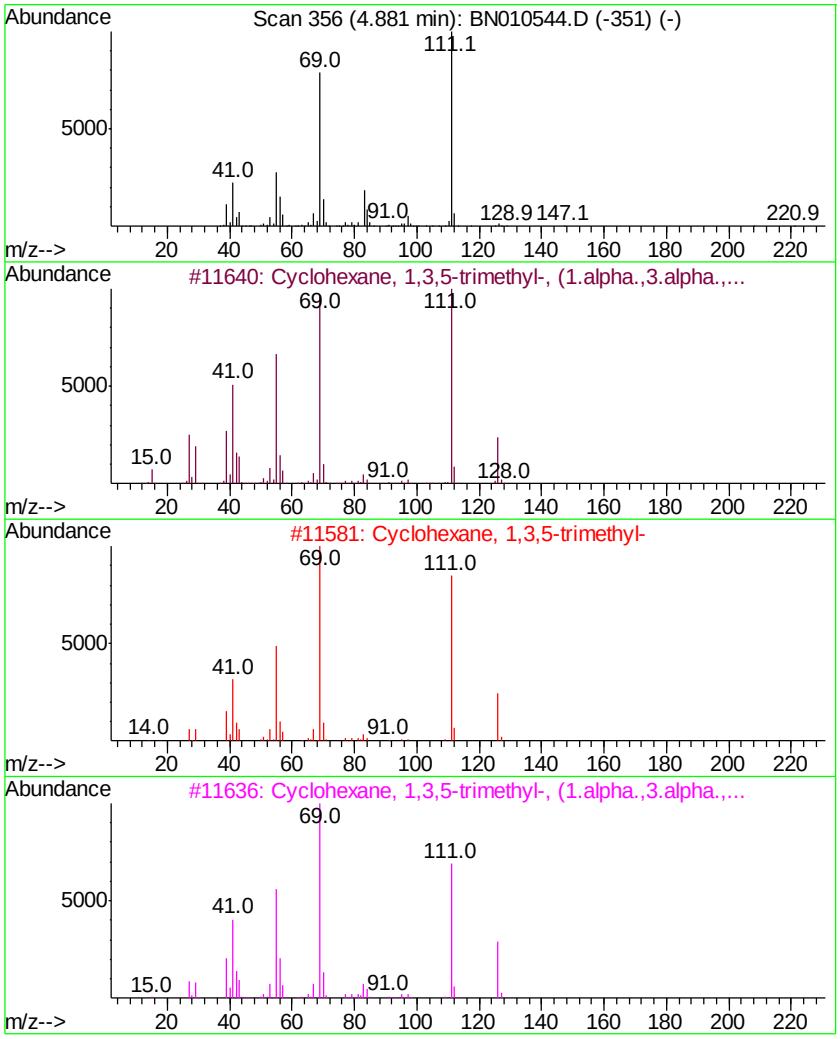
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

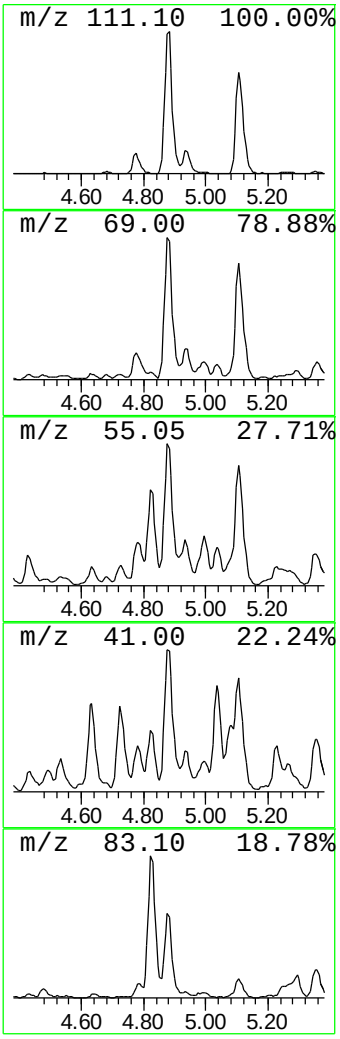
****

Peak Number 1 (DEL) Alkane: Cyclic4.88 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	4.62 ng/ul	4658630	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	78
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	78
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	74
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

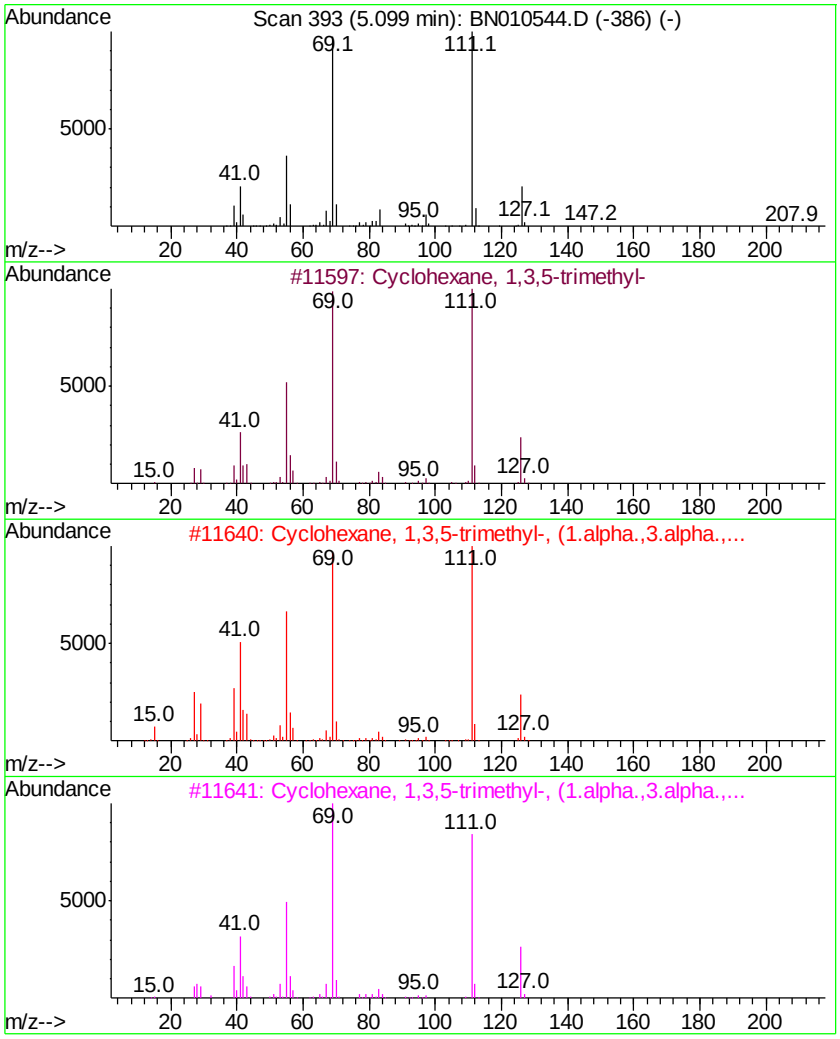
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

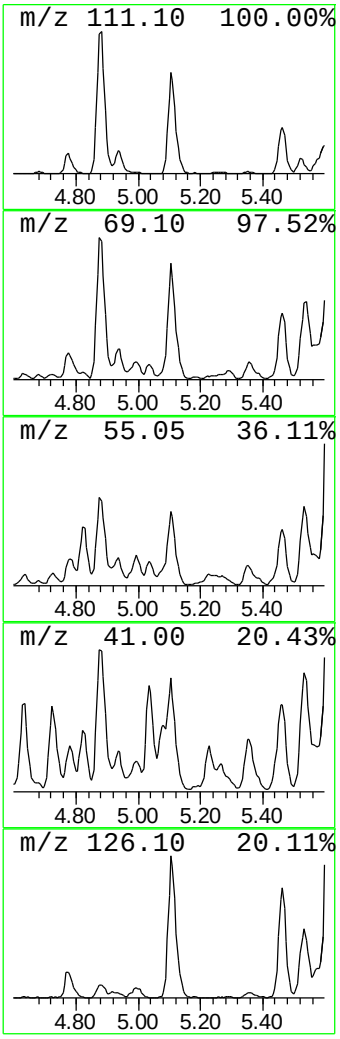
****

Peak Number 2 (DEL) Alkane: Cyclic5.10 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	4.89 ng/ul	4937950	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	86
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

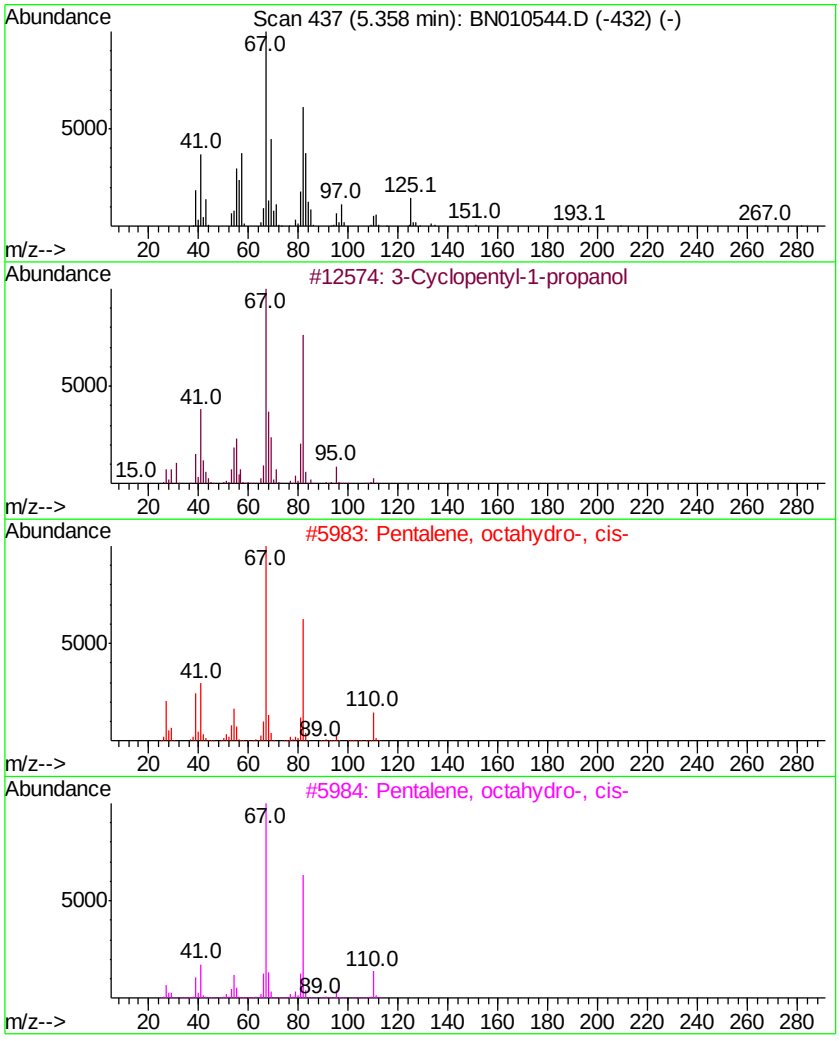
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

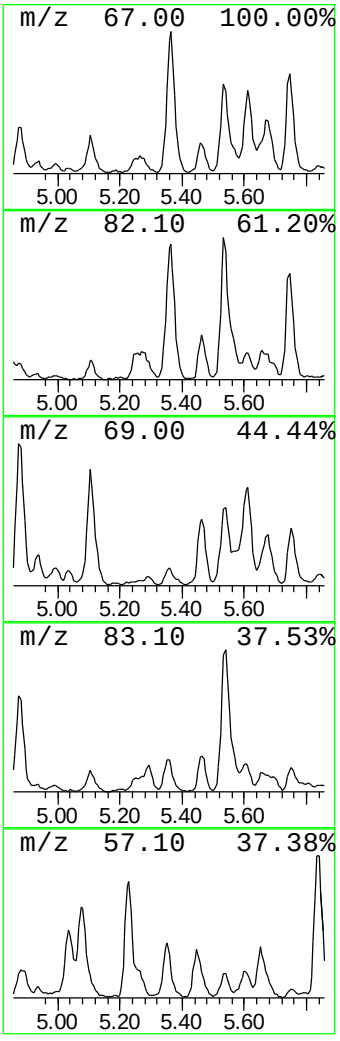
****

Peak Number 3 3-Cyclopentyl-1-propanol Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	2.15 ng/ul	2165550	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopentyl-1-propanol	128	C8H16O	000767-05-5	50
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	50
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	50
4	trans-3-Hexen-1-ol, trifluoroace...	196	C8H11F3O2	1000352-31-0	47
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

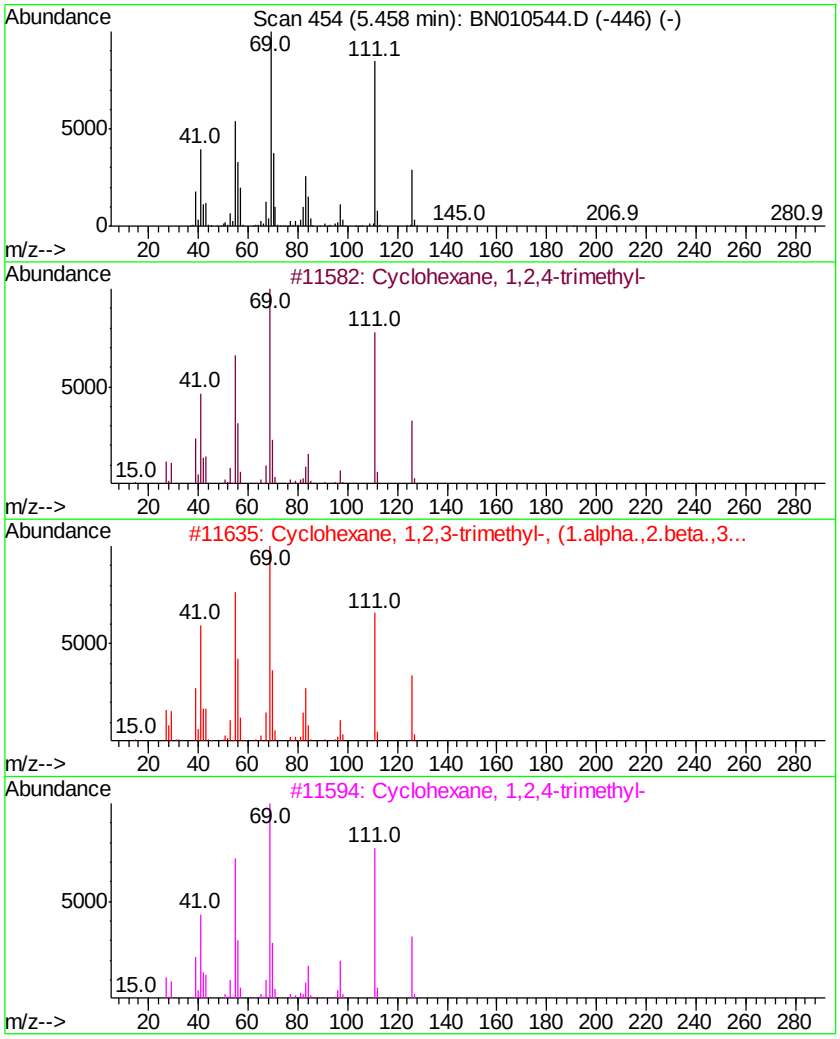
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

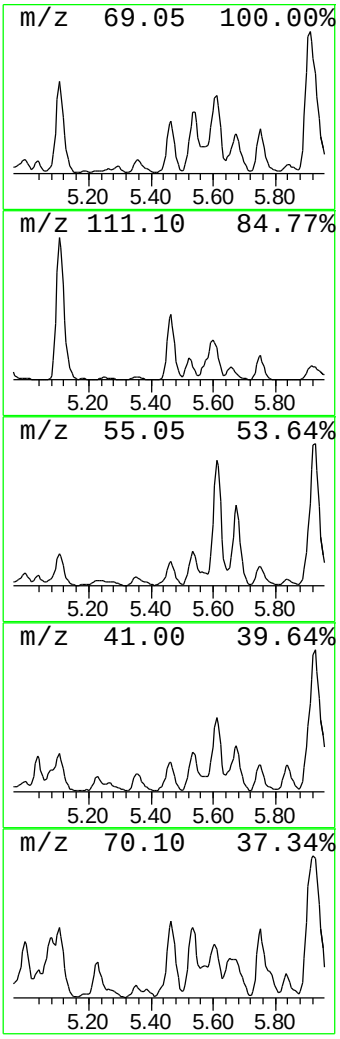
****

Peak Number 4 (DEL) Alkane: Cyclic5.46 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	3.06 ng/ul	3091810	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	94
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	81
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

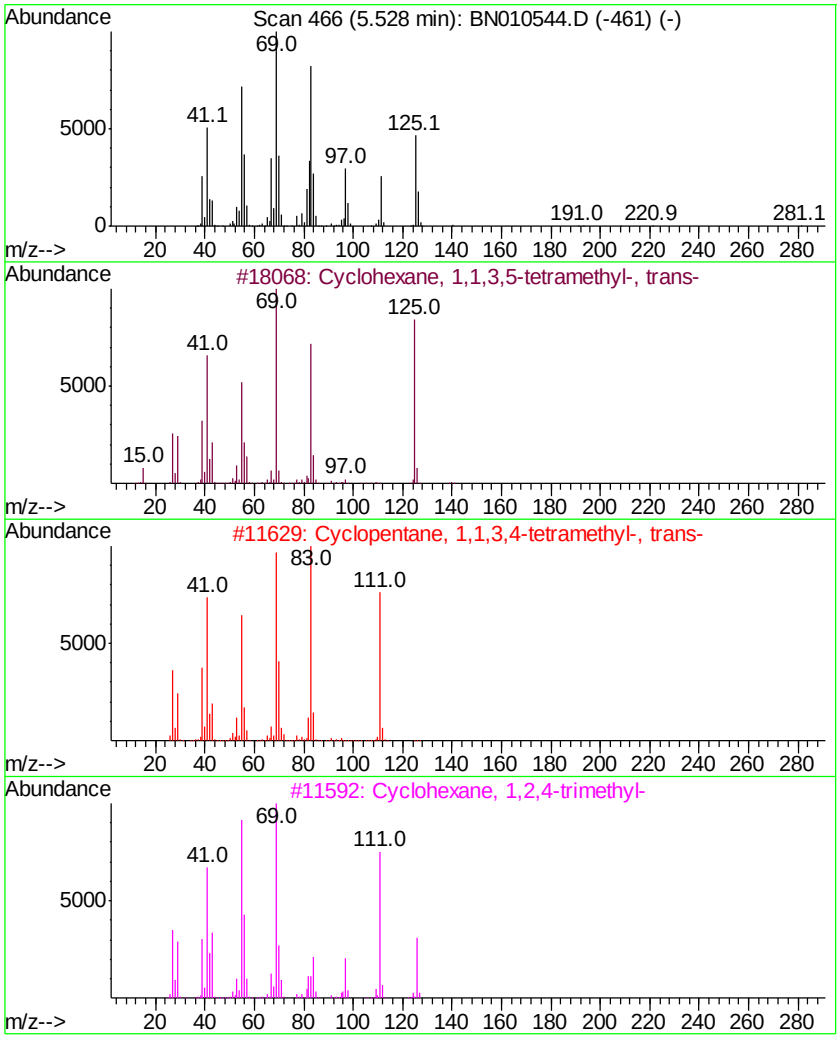
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

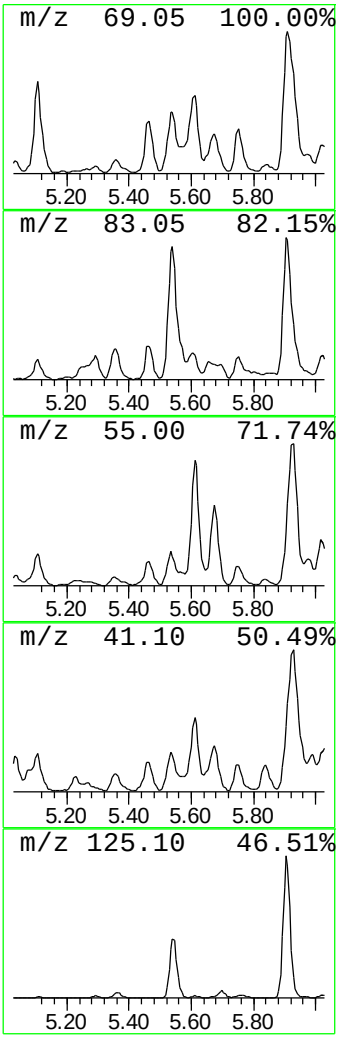
****

Peak Number 5 (DEL) Alkane: Cyclic5.53 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	5.29 ng/ul	5340760	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	53
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	47
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46
4	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	43
5	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	38





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

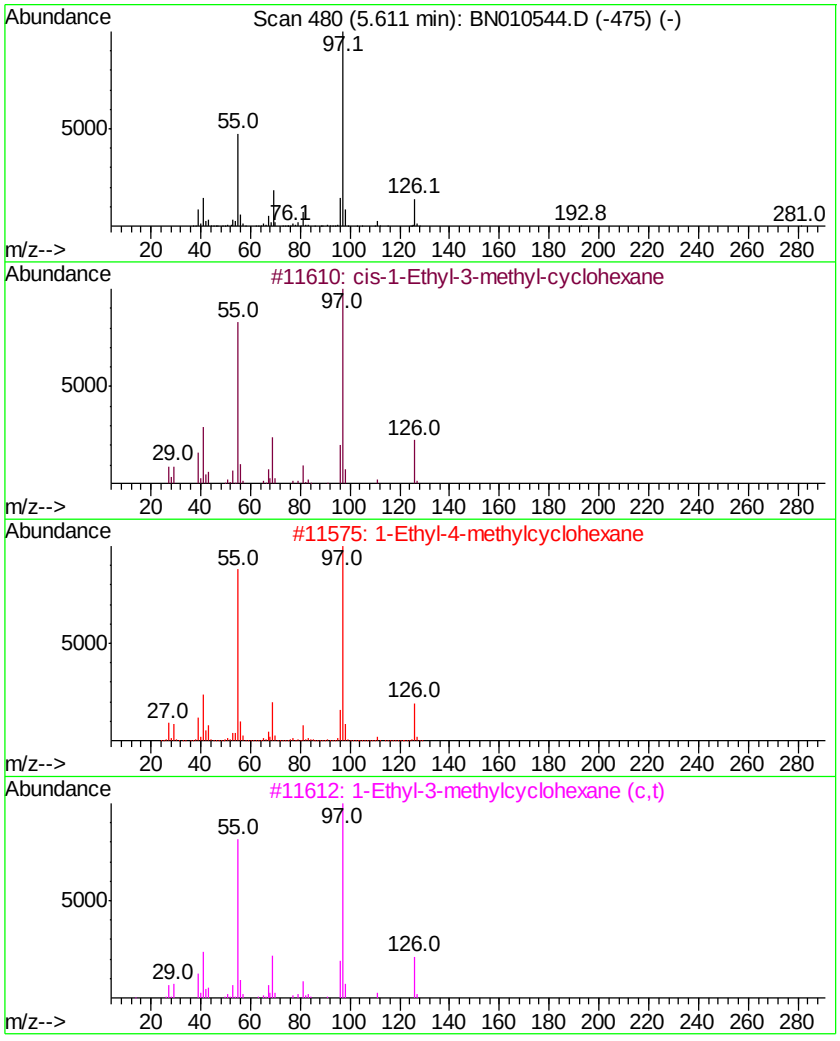
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

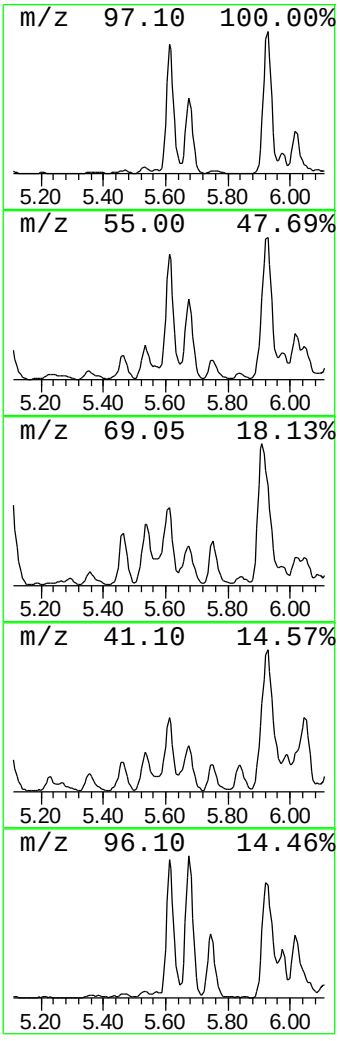
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	6.19 ng/ul	6250810	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	86
5	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	72





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

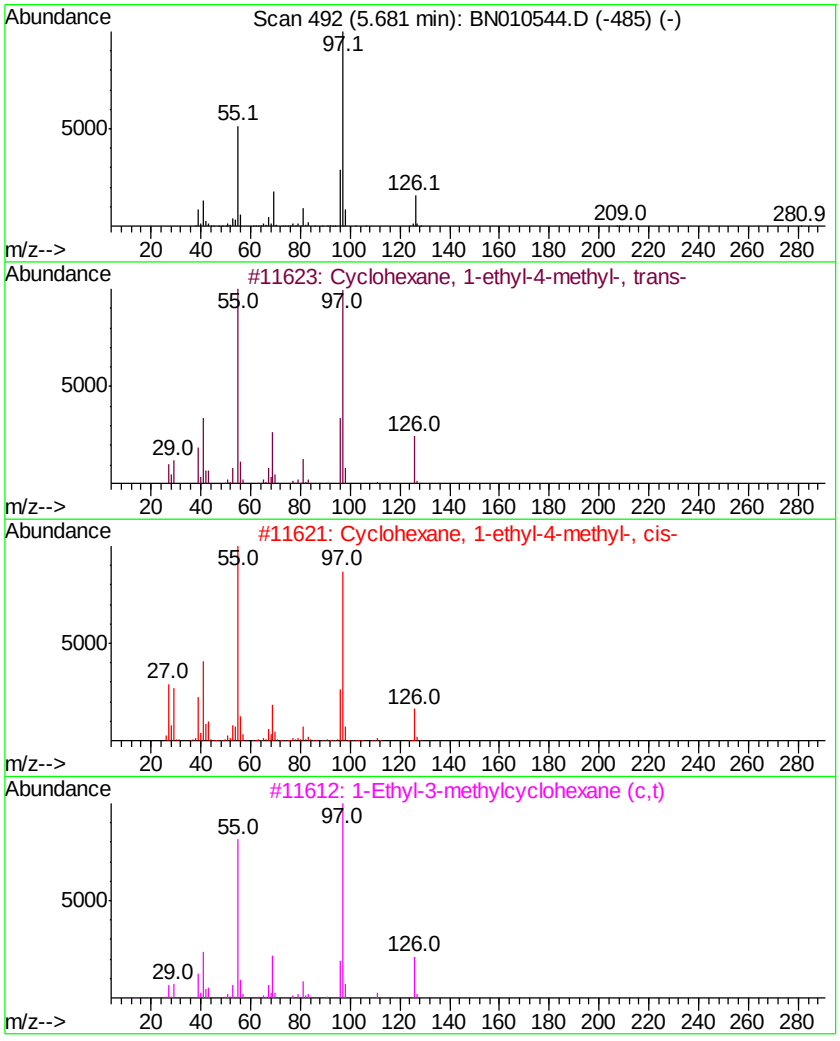
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

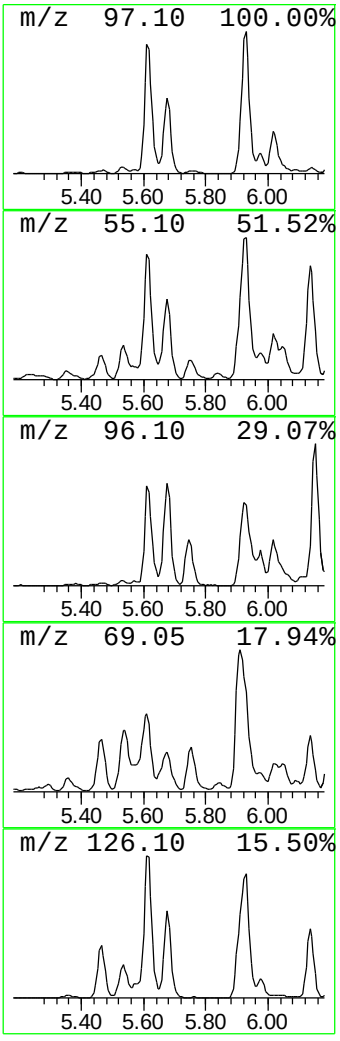
****

Peak Number 7 (DEL) Alkane: Cyclic5.68 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	6.06 ng/ul	6117770	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	87
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	86





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Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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Quant Title : SVOA CALIBRATION

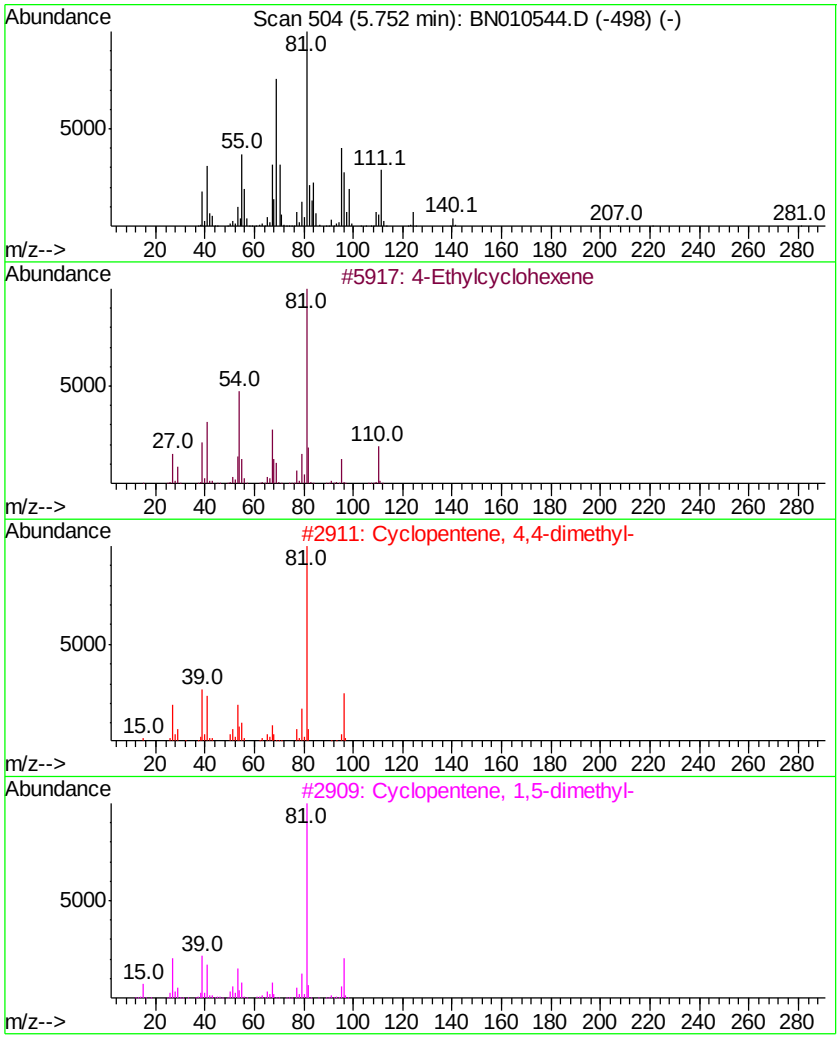
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

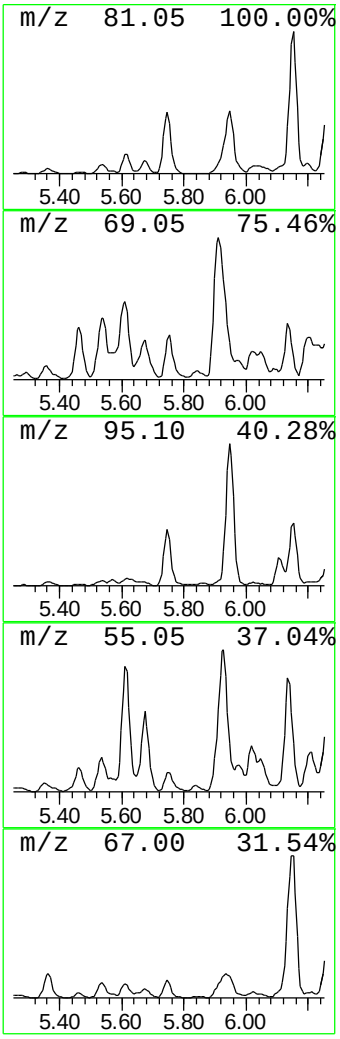
****

Peak Number 8 unknown-01 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	3.72 ng/ul	3751310	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylcyclohexene	110	C8H14	003742-42-5	43
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	35
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	35
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	35
5	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	35





Library Search Compound Report

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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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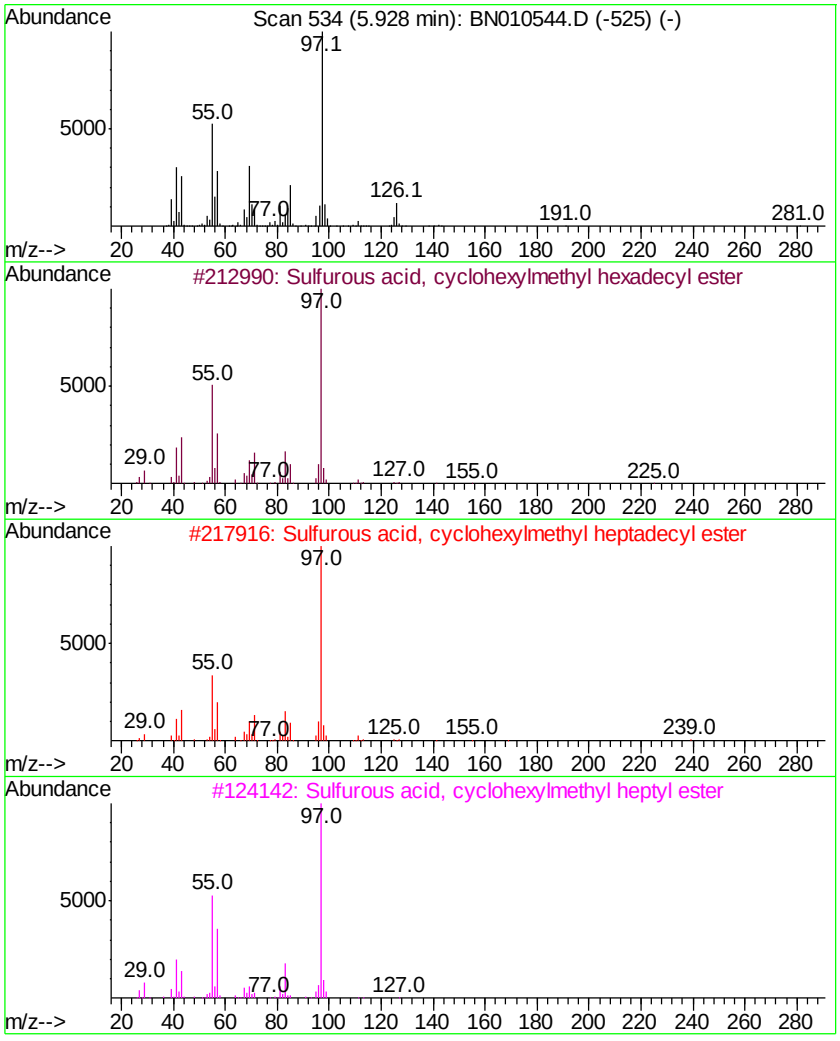
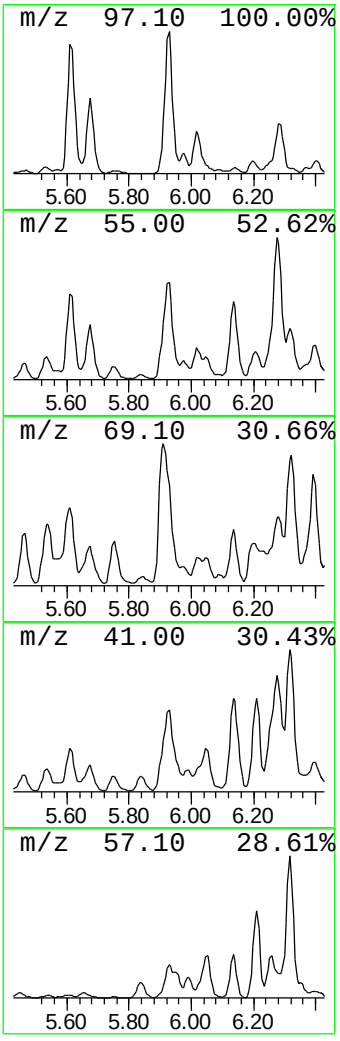
Peak Number 9 Sulfurous acid, cyclohexylm... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	20.73 ng/ul	20928000	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	72
2	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	64
3	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	59
4	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	59
5	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	53





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

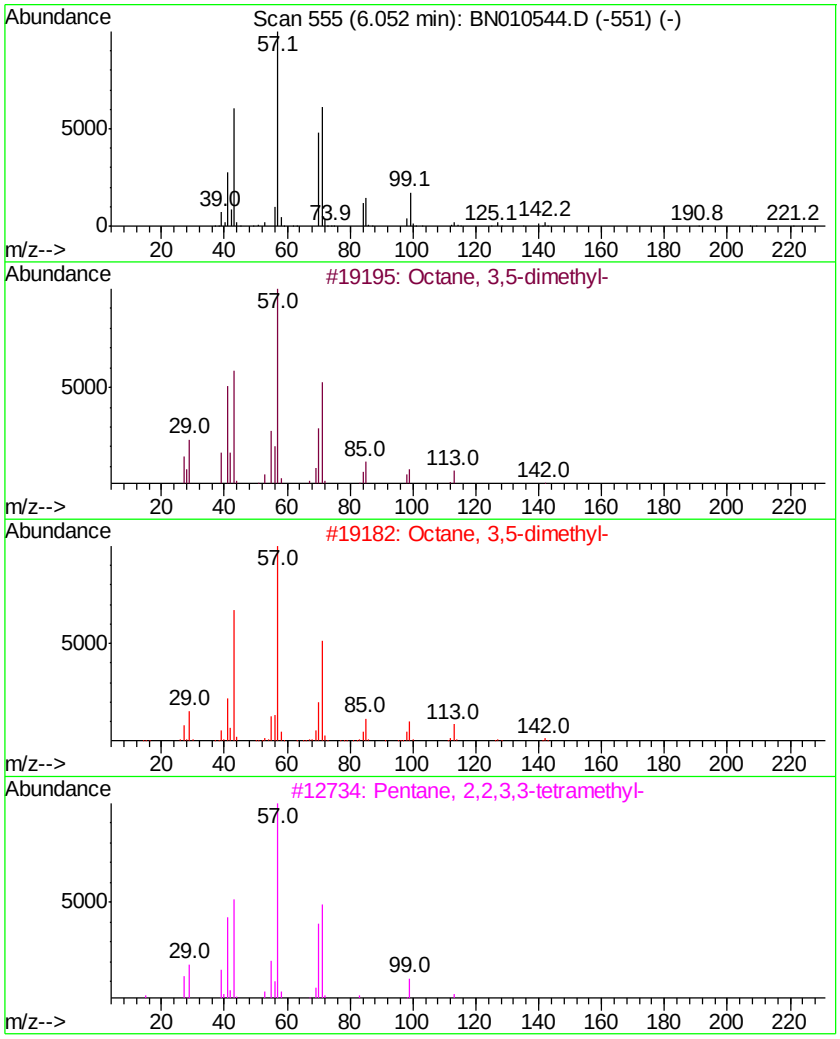
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

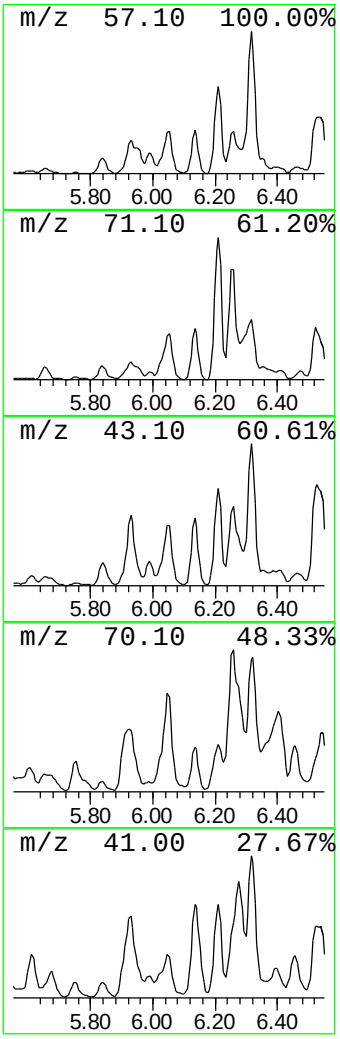
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	5.19 ng/ul	5233530	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	64
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
4	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	50
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	49





Library Search Compound Report

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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

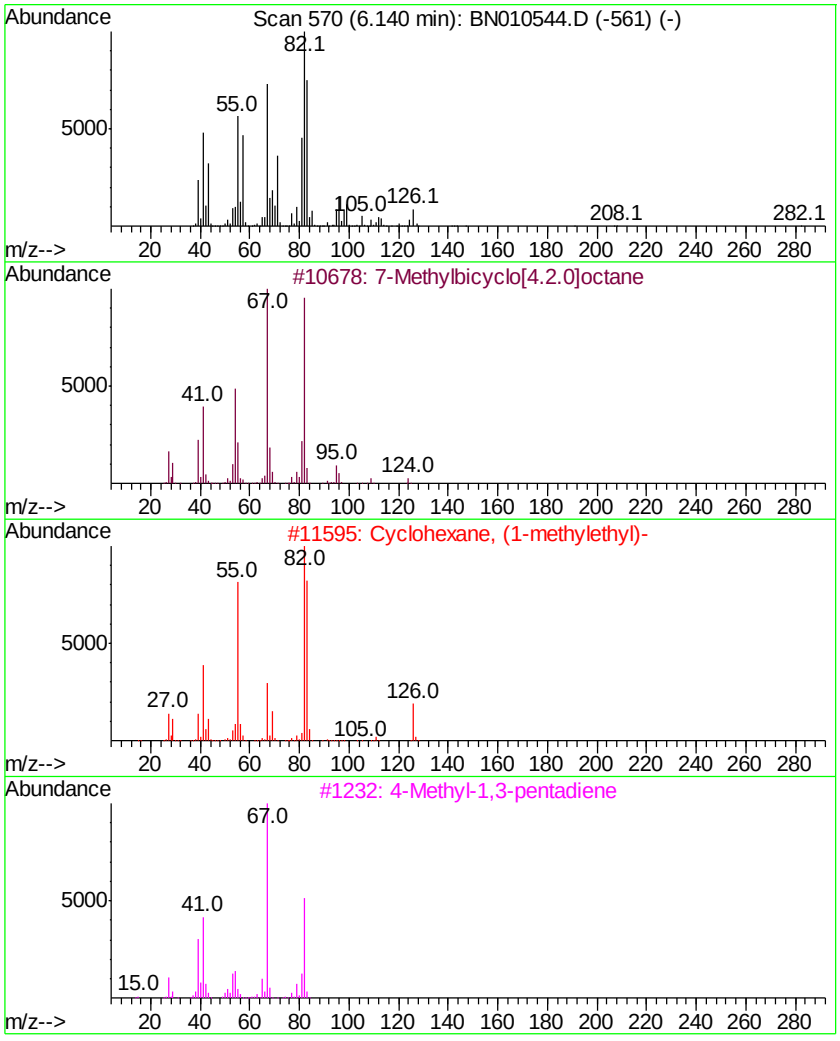
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

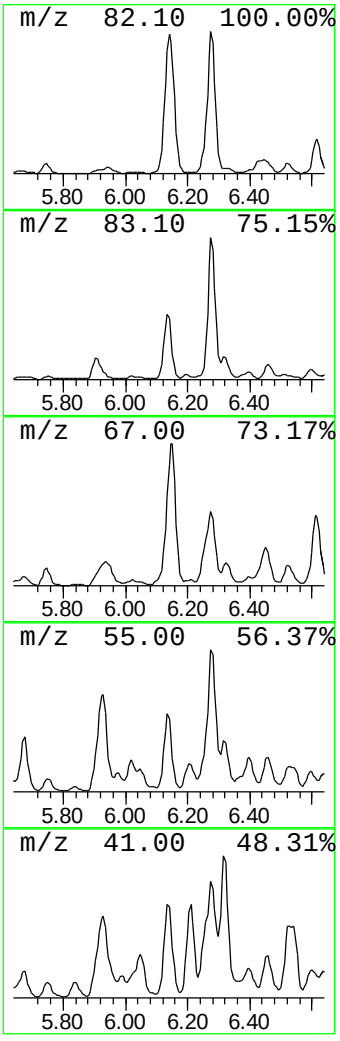
****

Peak Number 11 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	17.12 ng/ul	17282100	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	49
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
3	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	46
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	43





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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

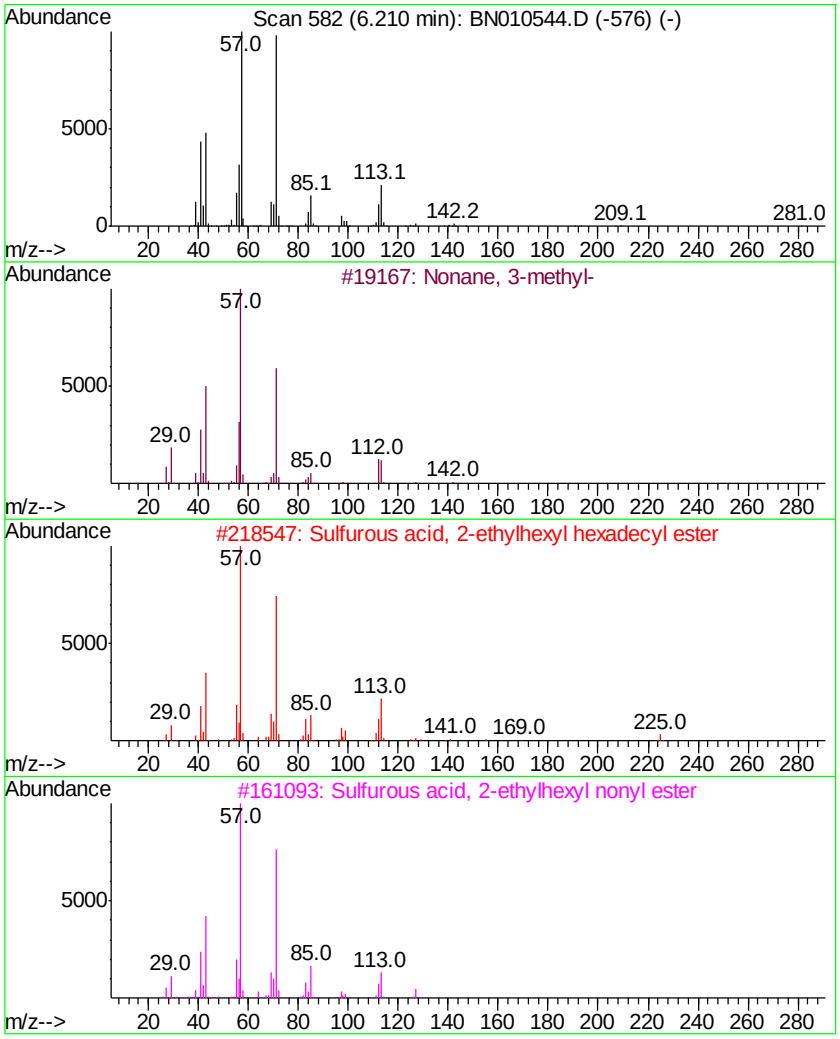
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

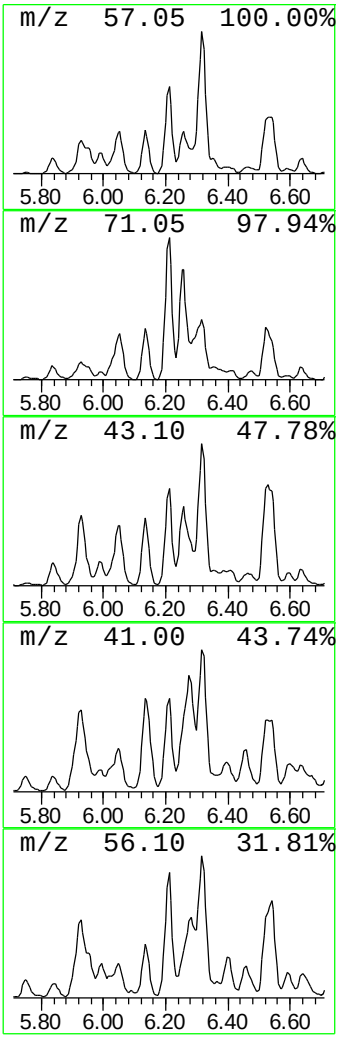
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	9.65 ng/ul	9738330	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	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	80
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	64
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	64





Library Search Compound Report

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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

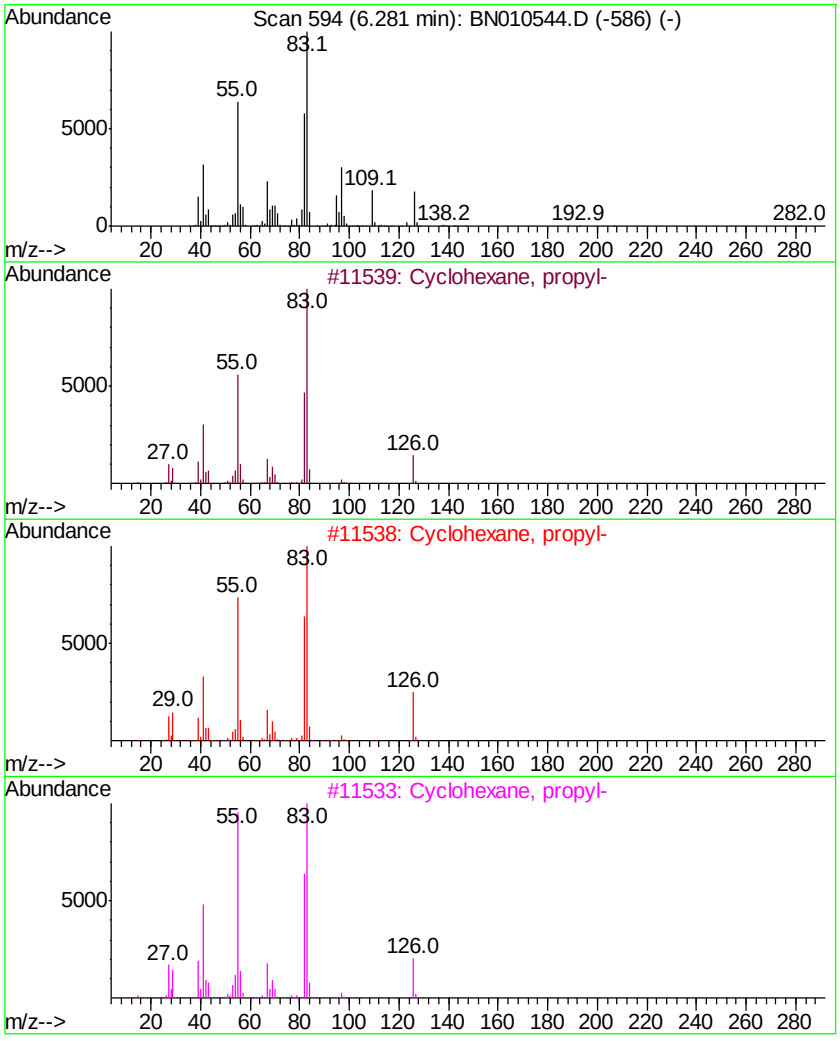
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

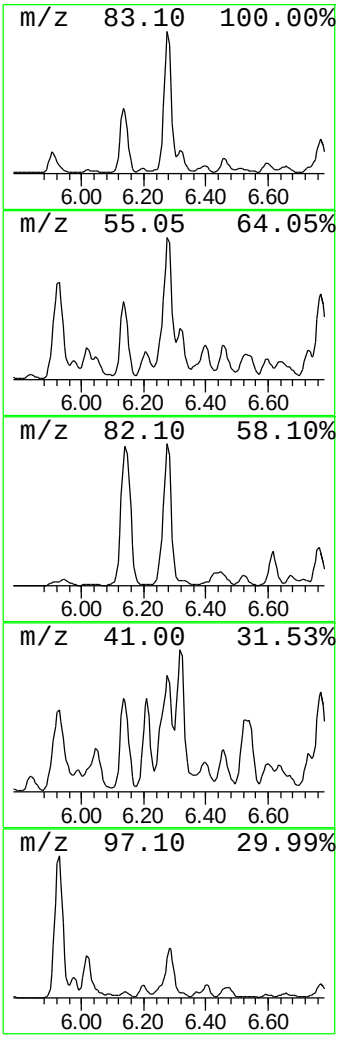
****

Peak Number 13 (DEL) Alkane: Cyclic6.28 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	21.29 ng/ul	21484500	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	70
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	62
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	58





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Operator : CG/JU
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

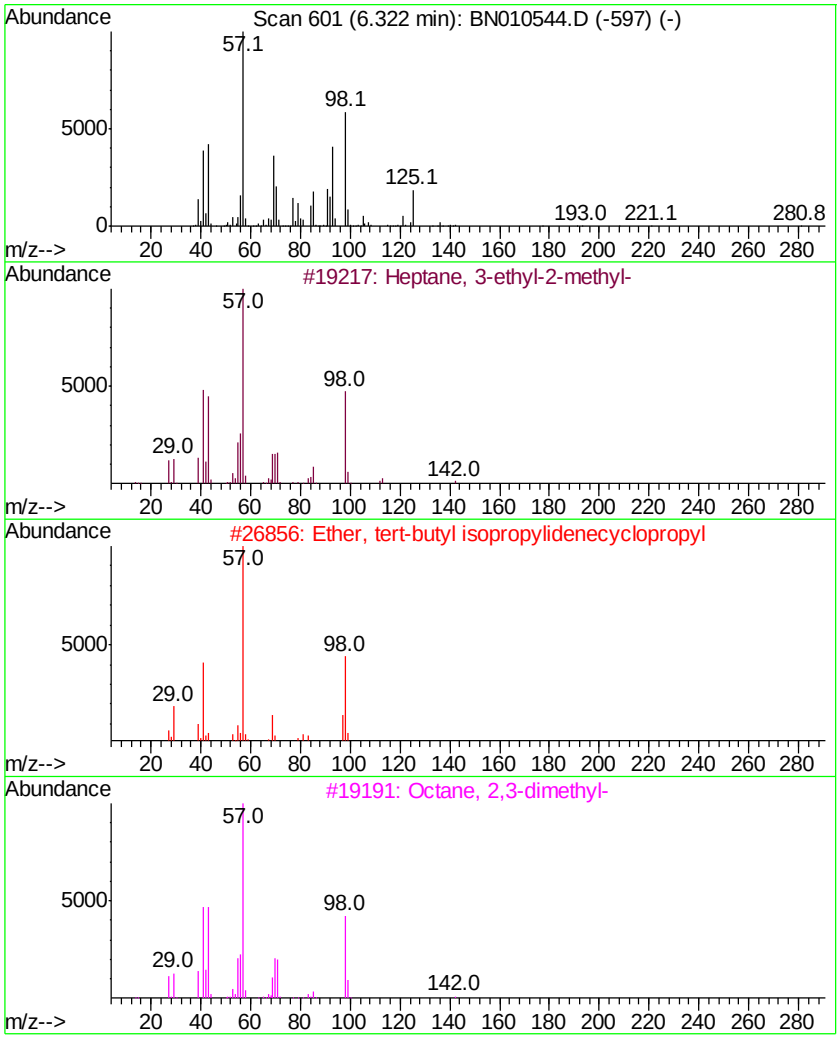
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

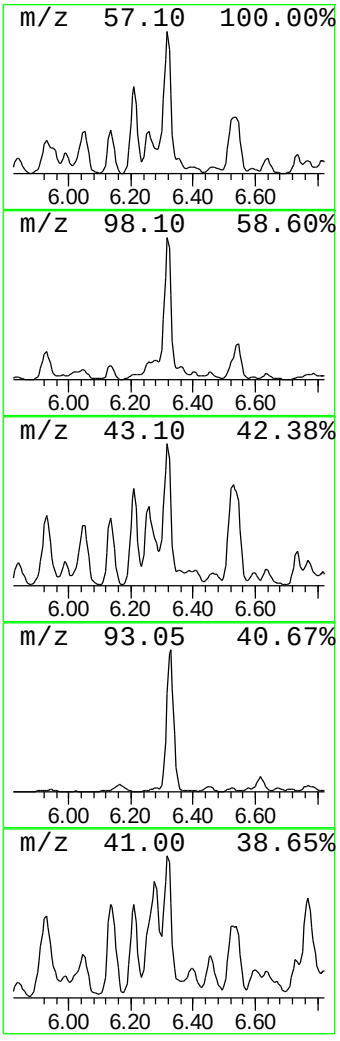
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	16.00 ng/ul	16146100	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	33
2	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	32
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	16
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	16
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	14





Library Search Compound Report

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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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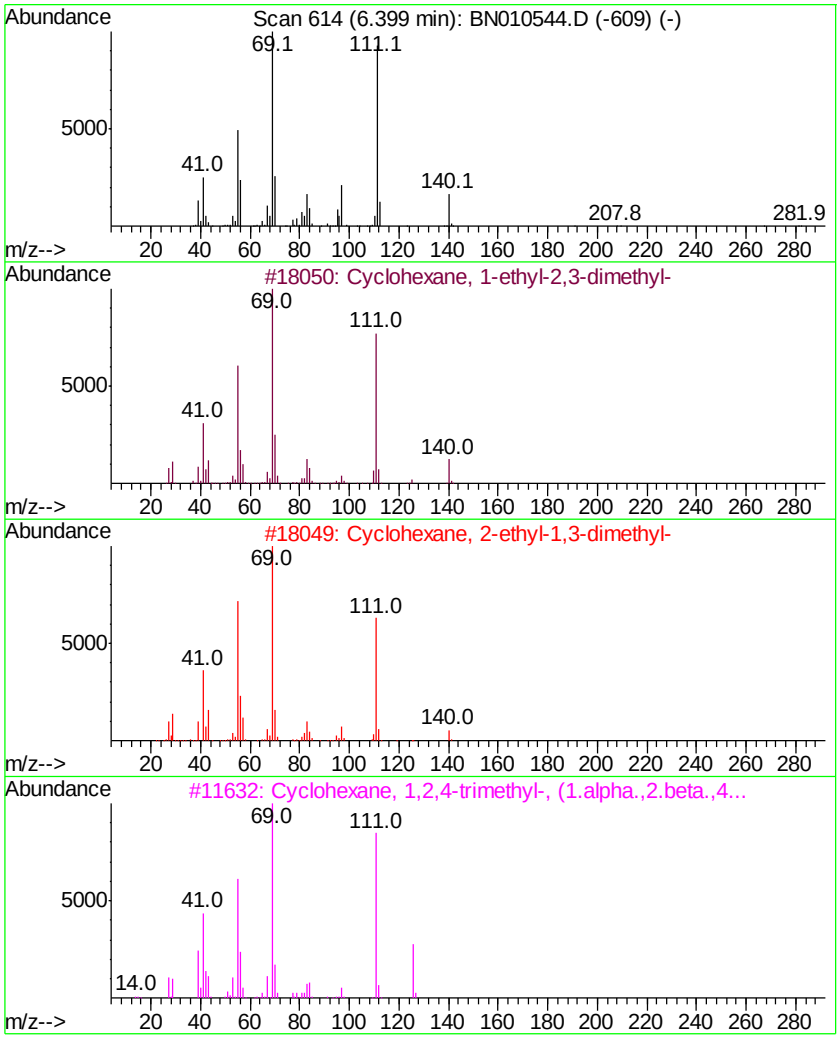
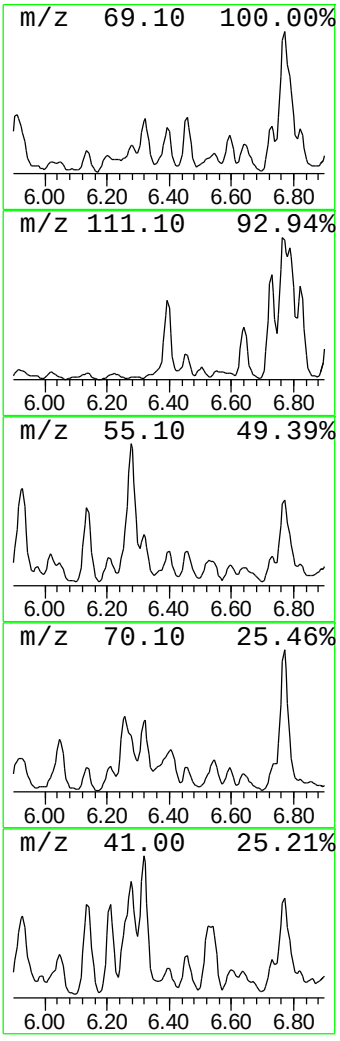
Peak Number 15 (DEL) Alkane: Cyclic6.40 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	2.81 ng/ul	2837110	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	83
2	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	78
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	64
4	2-Pentene-1,4-dione, 1-(1,2,2-tr...	208	C13H20O2	1000196-77-9	64
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64





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Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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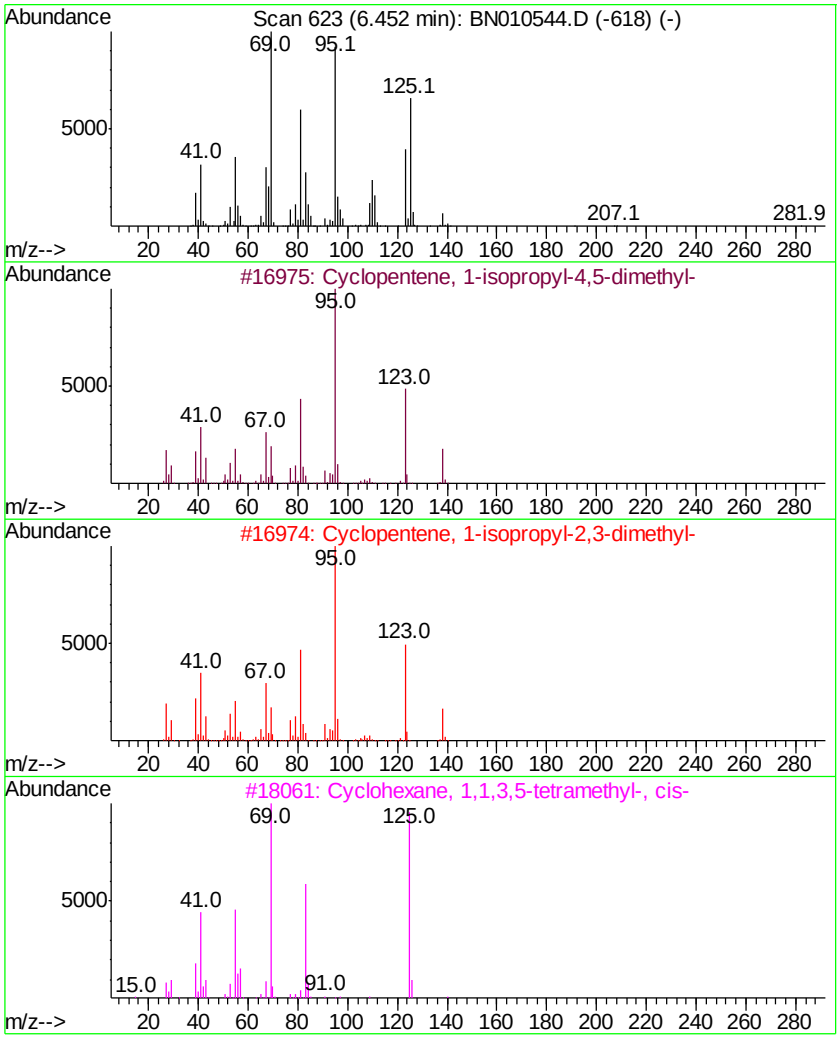
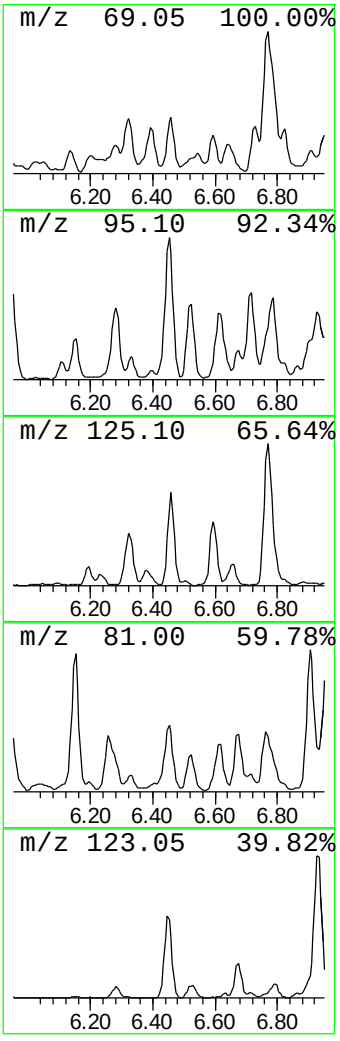
Peak Number 16 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	8.57 ng/ul	8653250	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-isopropyl-4,5-di...	138	C10H18	007712-74-5	27
2	Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	27
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	27
4	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	27
5	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	27





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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

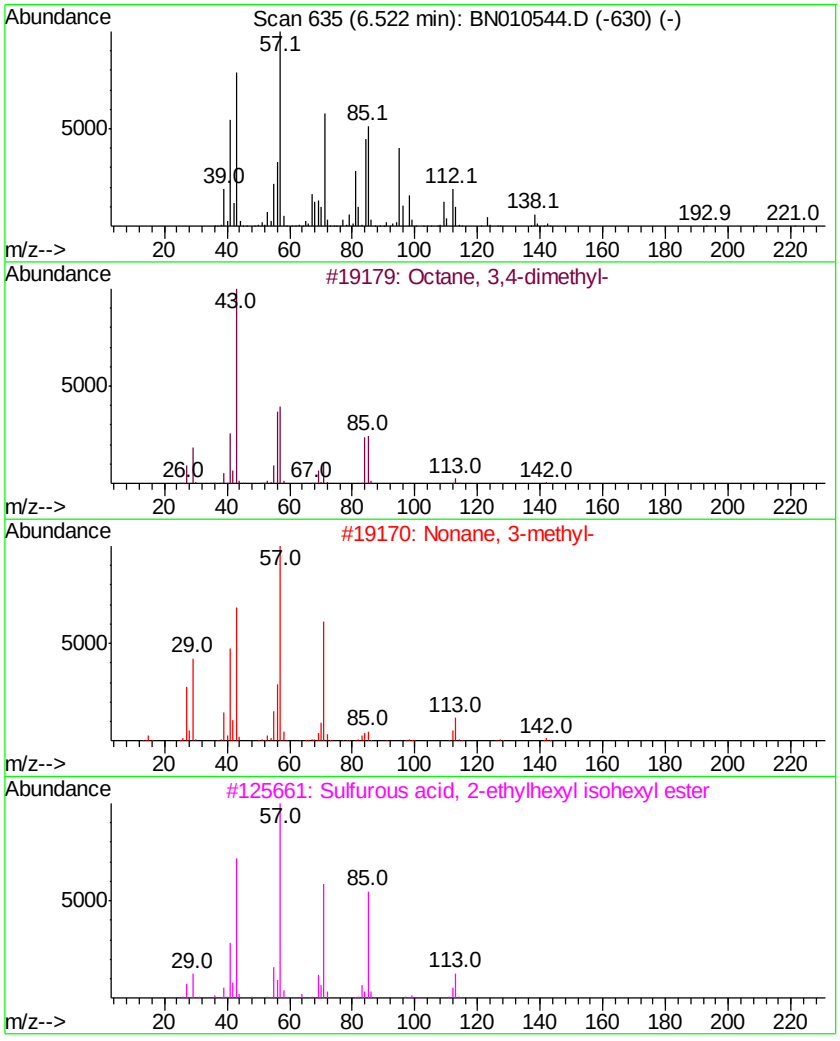
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

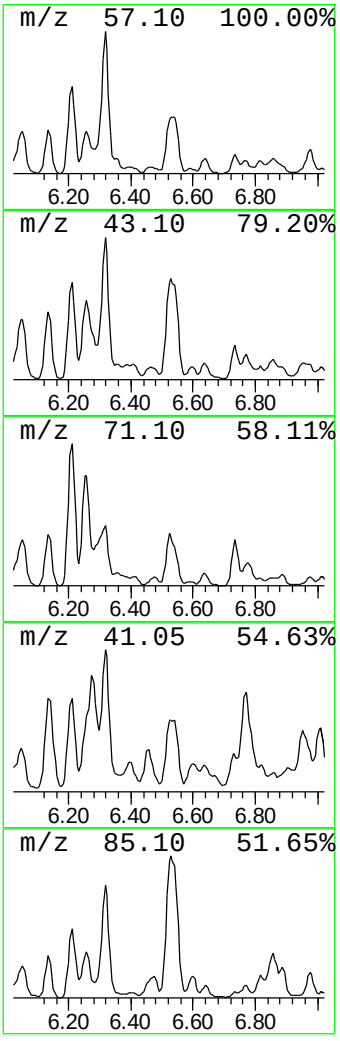
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	12.71 ng/ul	12833500	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	46
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	38
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	38
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	35
5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	35





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

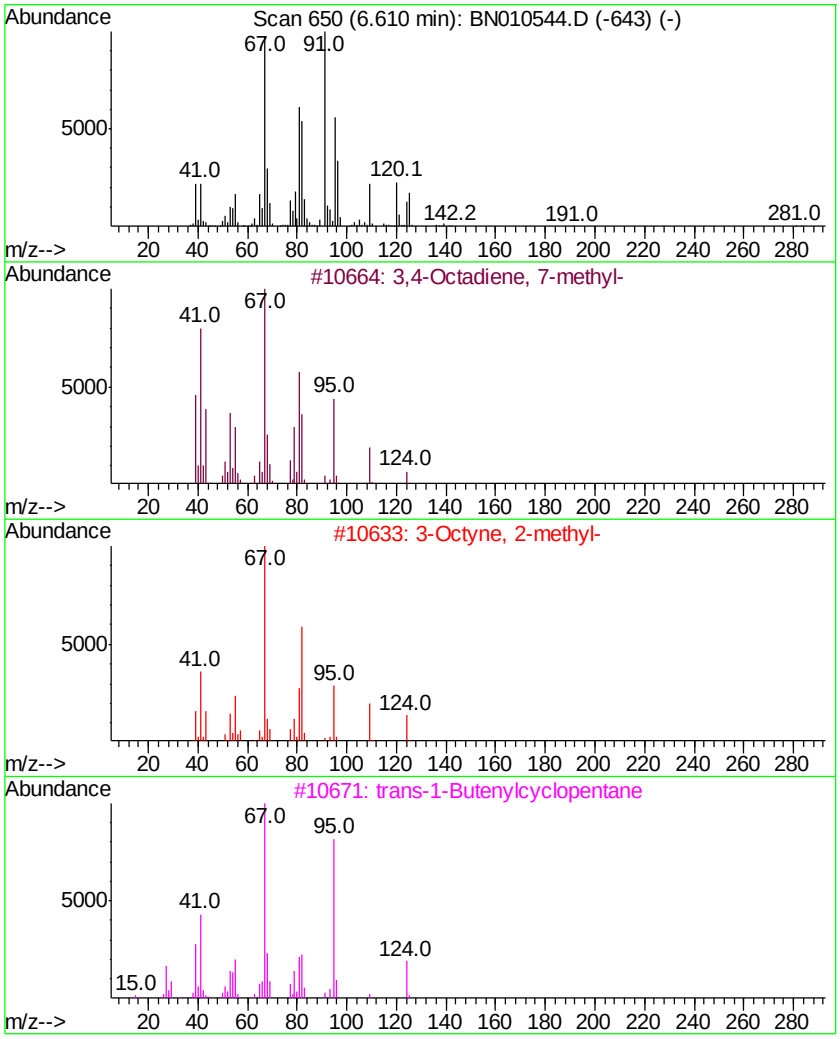
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

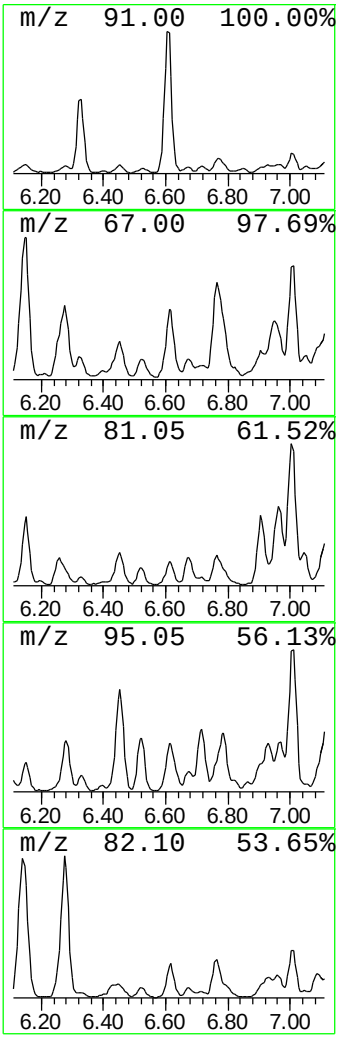
****

Peak Number 18 3,4-Octadiene, 7-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	10.21 ng/ul	10305100	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	52
2	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	49
3	trans-1-Butenylcyclopentane	124	C9H16	1000113-50-9	46
4	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	43
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	38





Library Search Compound Report

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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

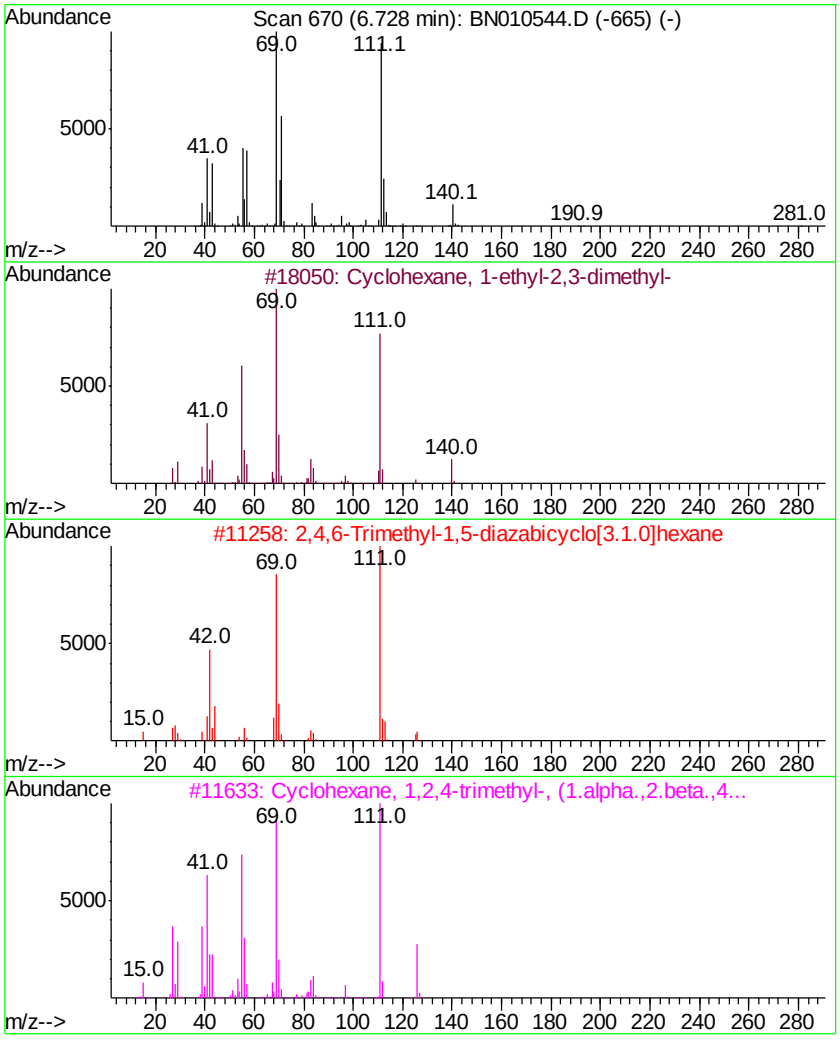
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

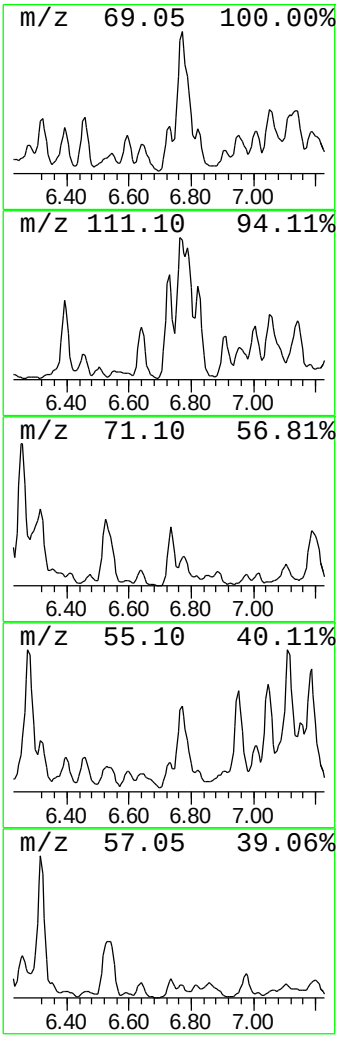
****

Peak Number 19 (DEL) Alkane: Cyclic6.73 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	4.91 ng/ul	4953050	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	68
2	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	59
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	53
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	53
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50





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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

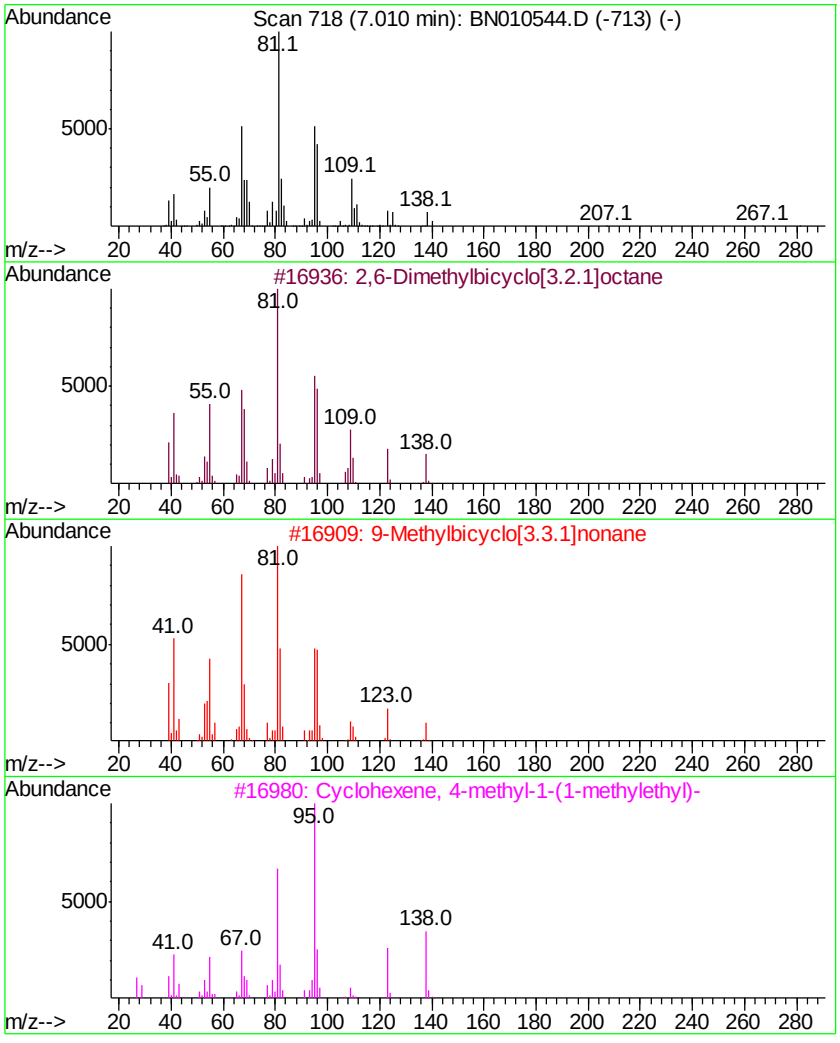
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

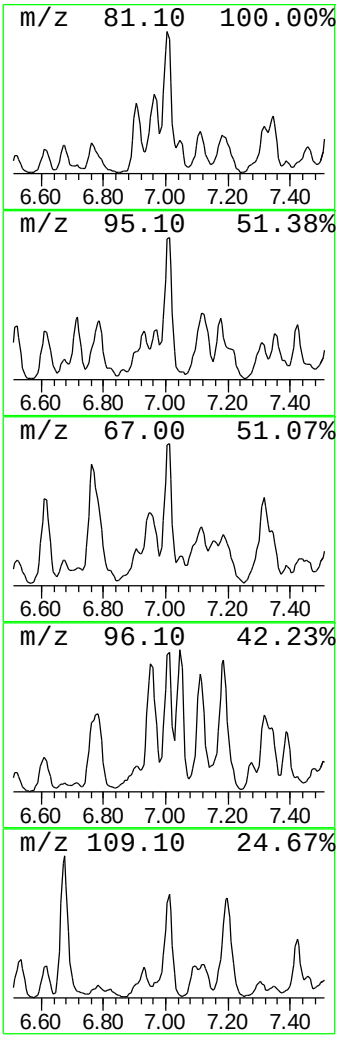
****

Peak Number 20 2,6-Dimethylbicyclo[3.2.1]o... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	10.38 ng/ul	10480100	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	86
2	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	80
3	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	76
4	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	68
5	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	64





Library Search Compound Report

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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

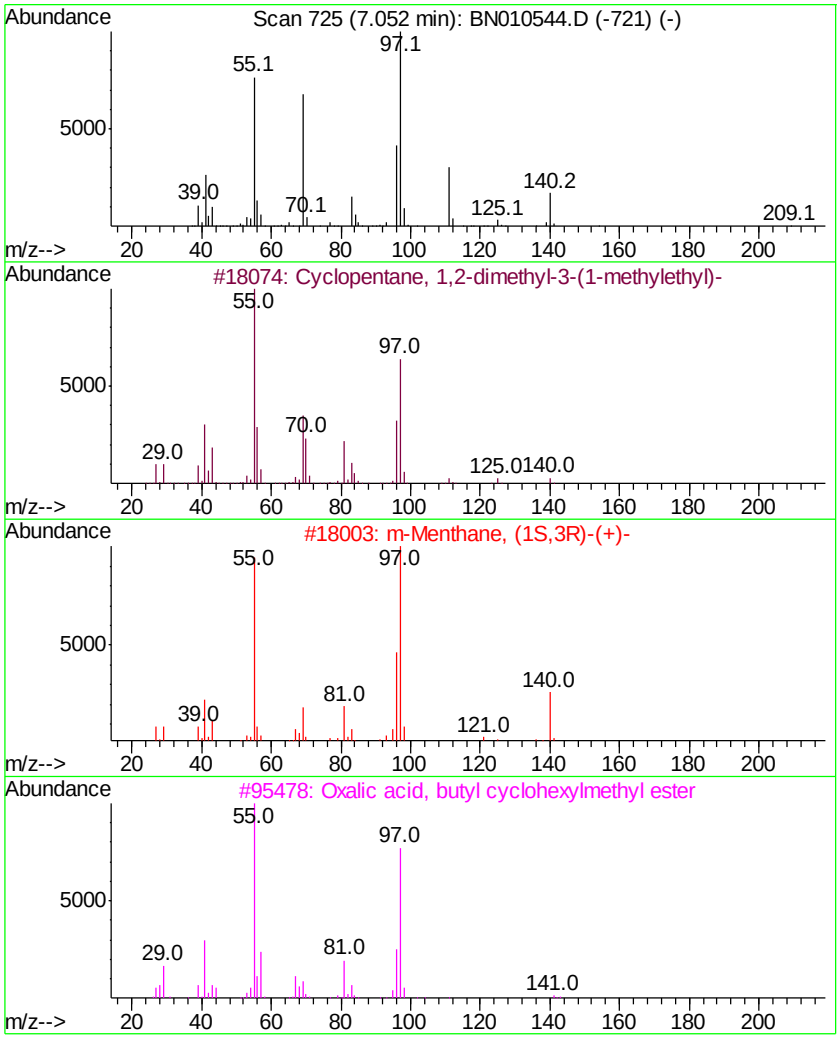
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

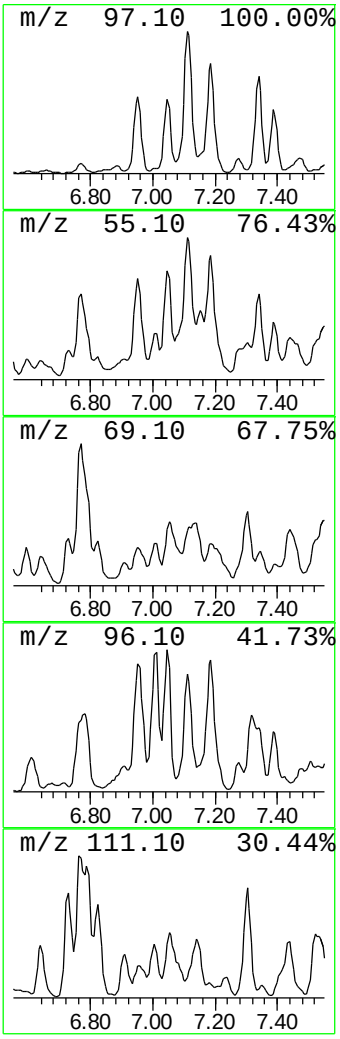
****

Peak Number 21 (DEL) Alkane: Cyclic7.05 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	5.34 ng/ul	5394910	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	72
2	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	72
3	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	64
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64
5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

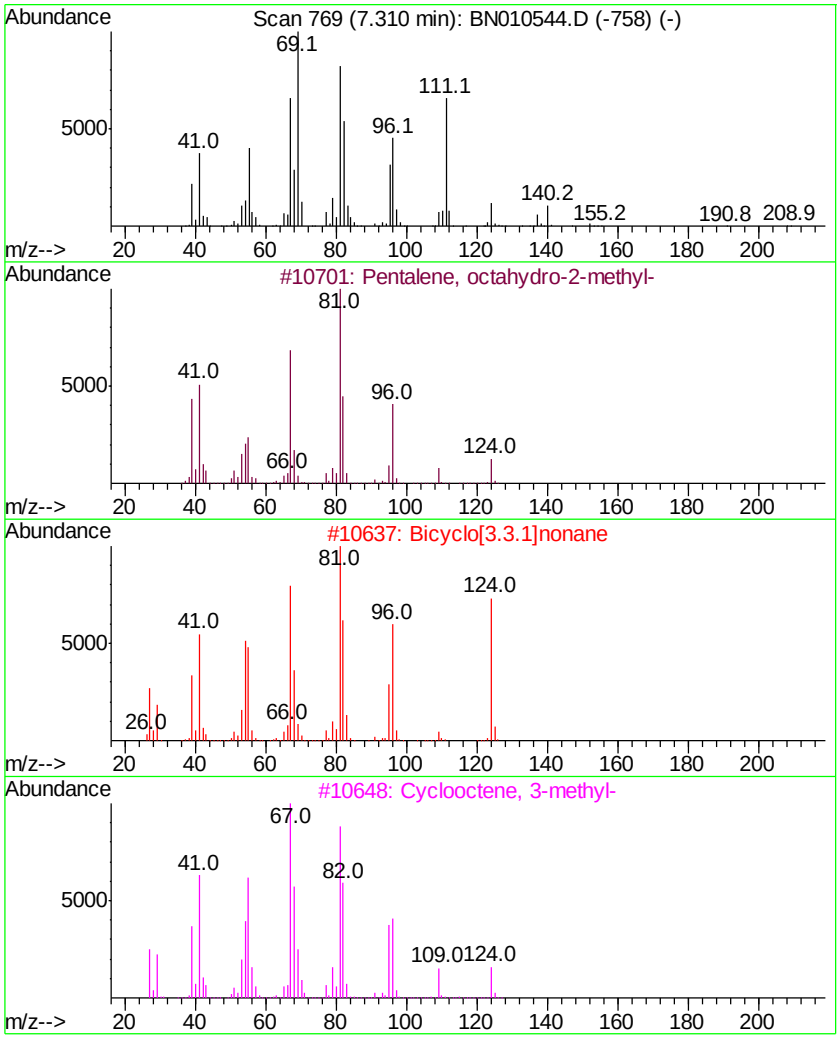
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

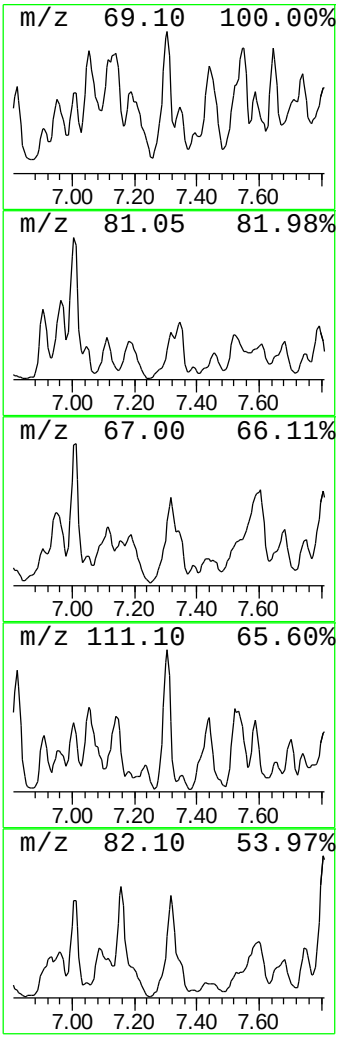
****

Peak Number 22 Pentalene, octahydro-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	12.53 ng/ul	12649200	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	78
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	64
3	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	60
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	60
5	1-Octadecyne	250	C18H34	000629-89-0	49





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Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

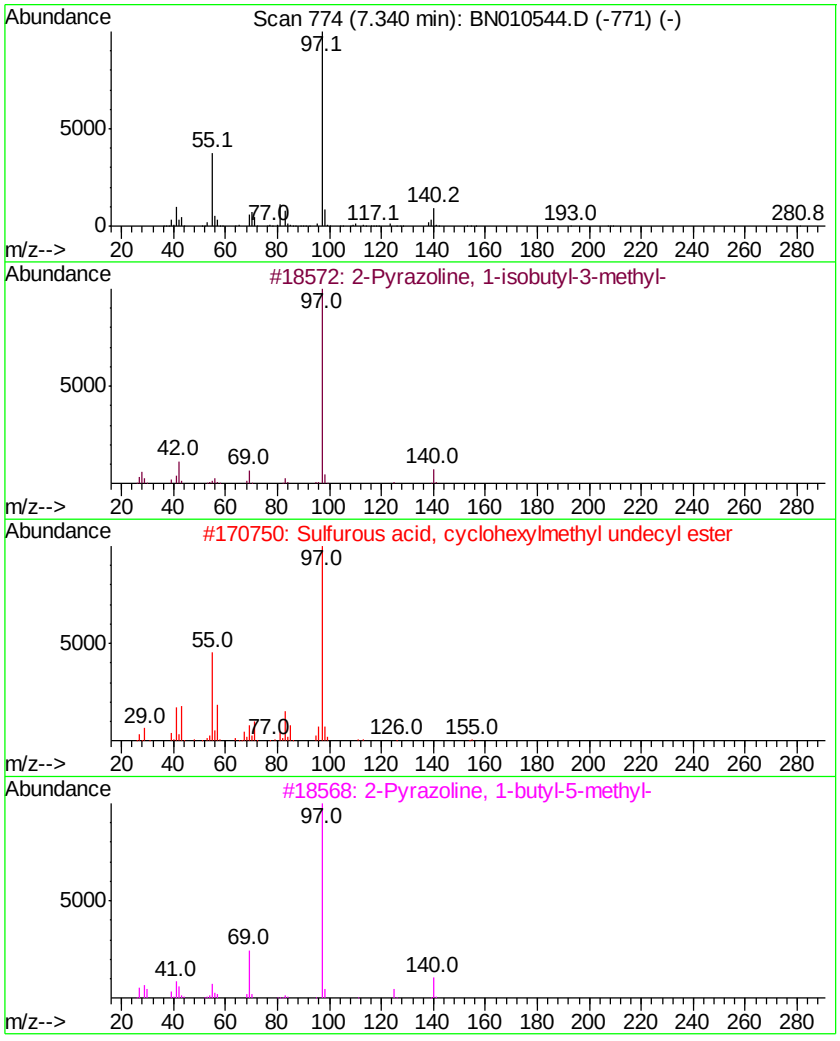
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

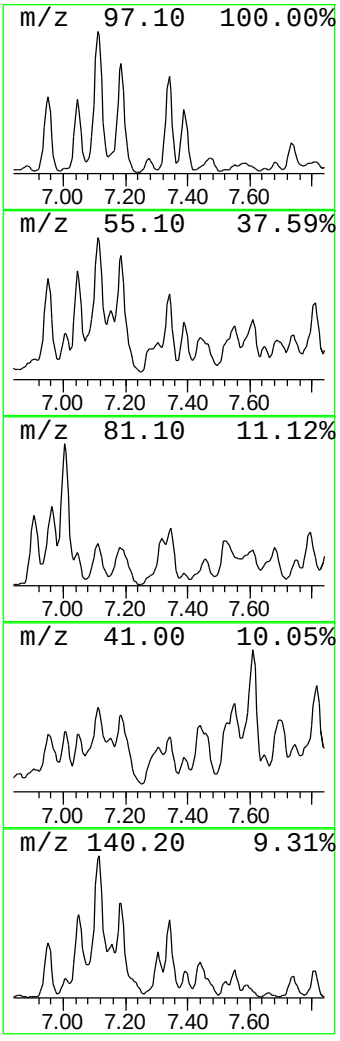
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2-Pyrazoline, 1-isobutyl-3-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	7.94 ng/ul	8013100	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	64
2	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	59
3	2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	50
4	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	45
5	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	45





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Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

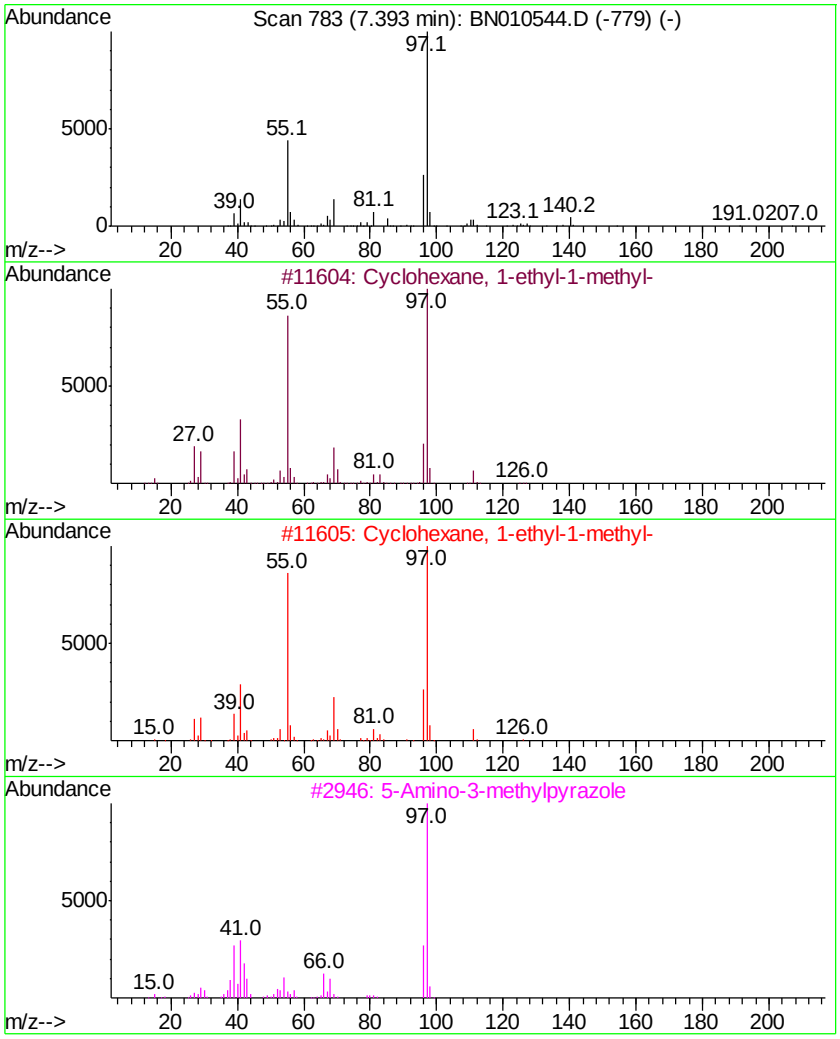
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

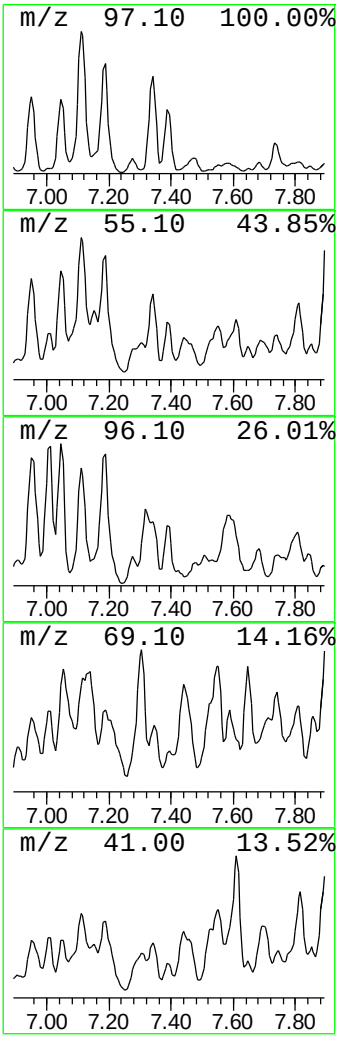
****

Peak Number 24 (DEL) Alkane: Cyclic7.39 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	2.79 ng/ul	2814880	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	78
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
3	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	64
4	Cycloheptane, bromo-	176	C7H13Br	002404-35-5	59
5	Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	56





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

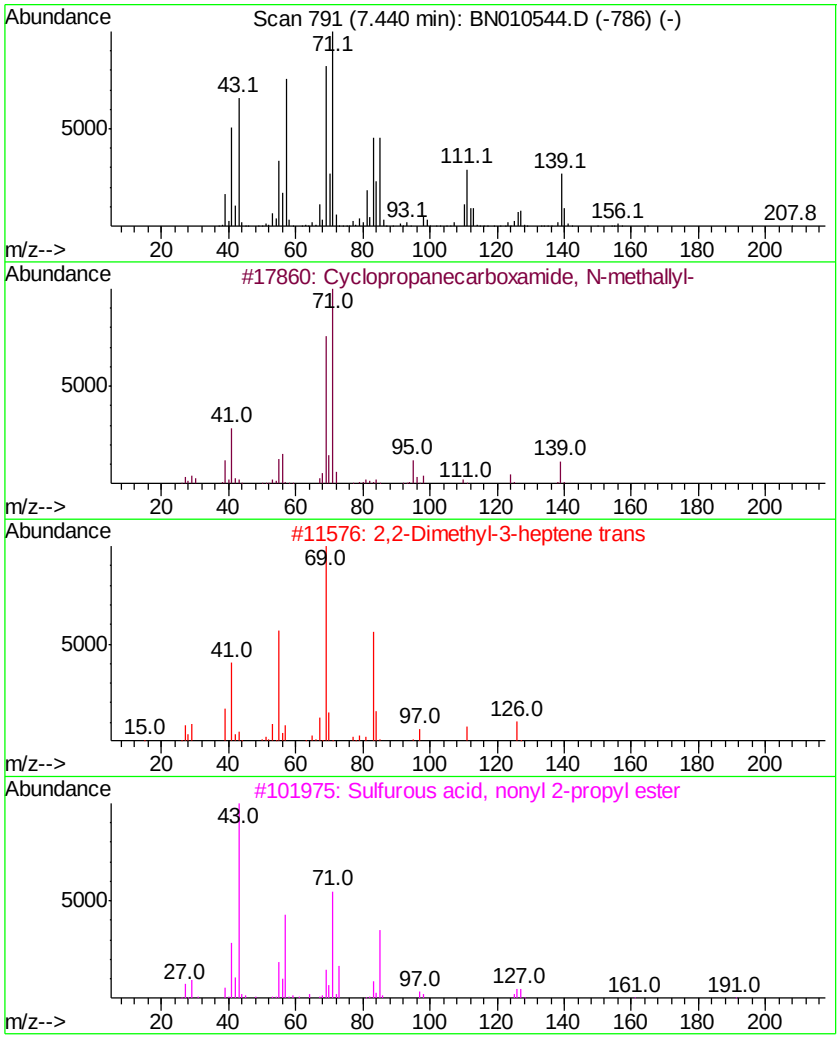
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

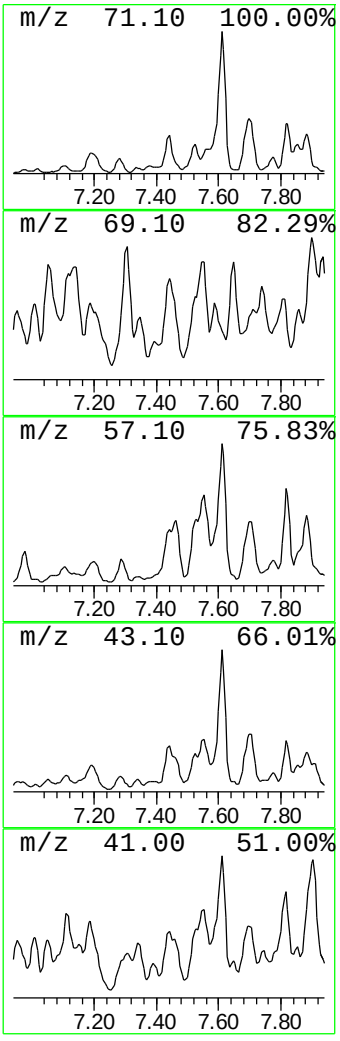
****

Peak Number 25 unknown-04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	11.23 ng/ul	11338400	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	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	30
3	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	27
4	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	25
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	25





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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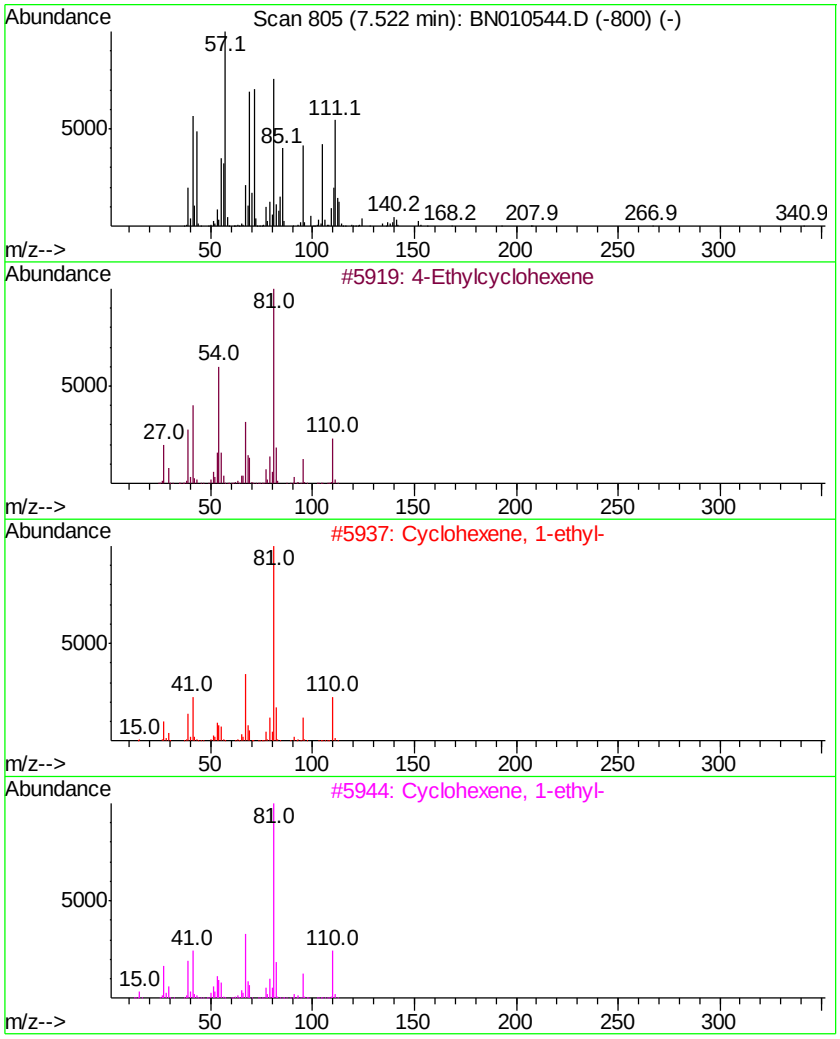
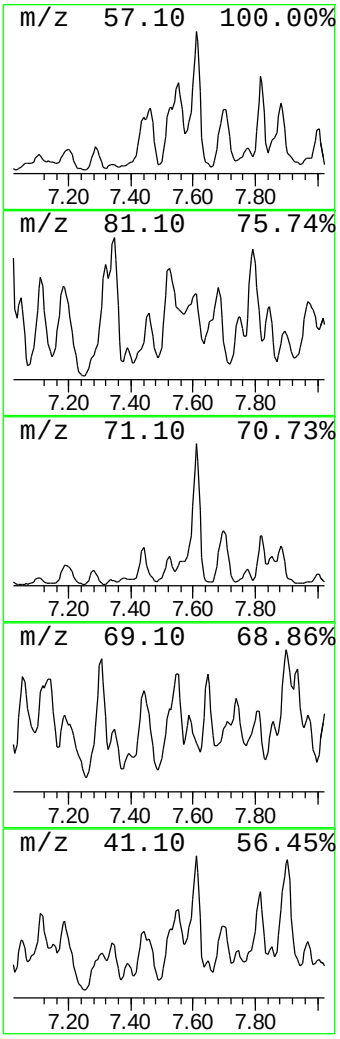
Peak Number 26 unknown-05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	6.81 ng/ul	6874380	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylcyclohexene	110	C8H14	003742-42-5	25
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
4	4-Ethylcyclohexene	110	C8H14	003742-42-5	22
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	22





Library Search Compound Report

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Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

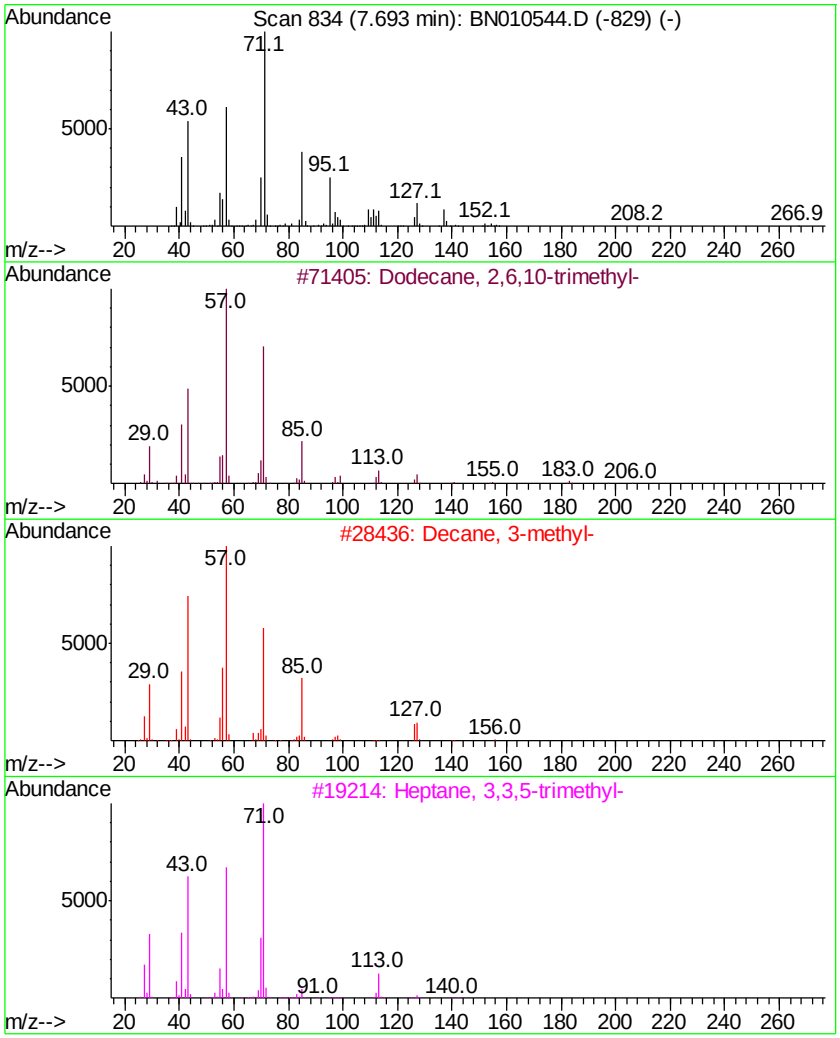
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

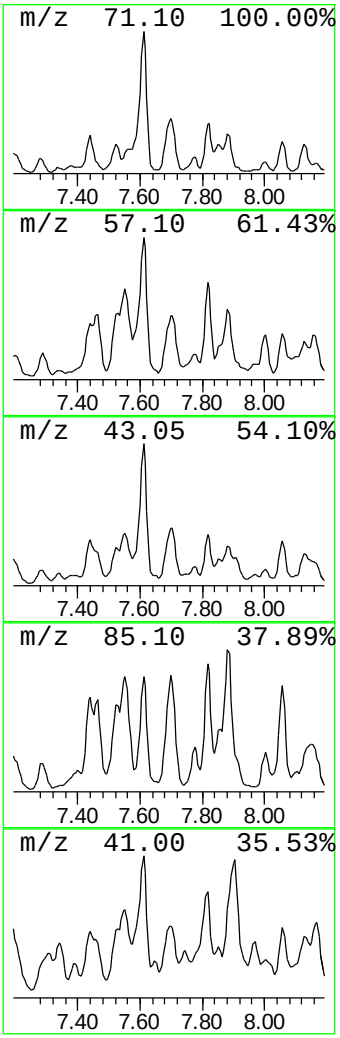
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	8.60 ng/ul	8680640	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	64
2	Decane, 3-methyl-	156	C11H24	013151-34-3	52
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50





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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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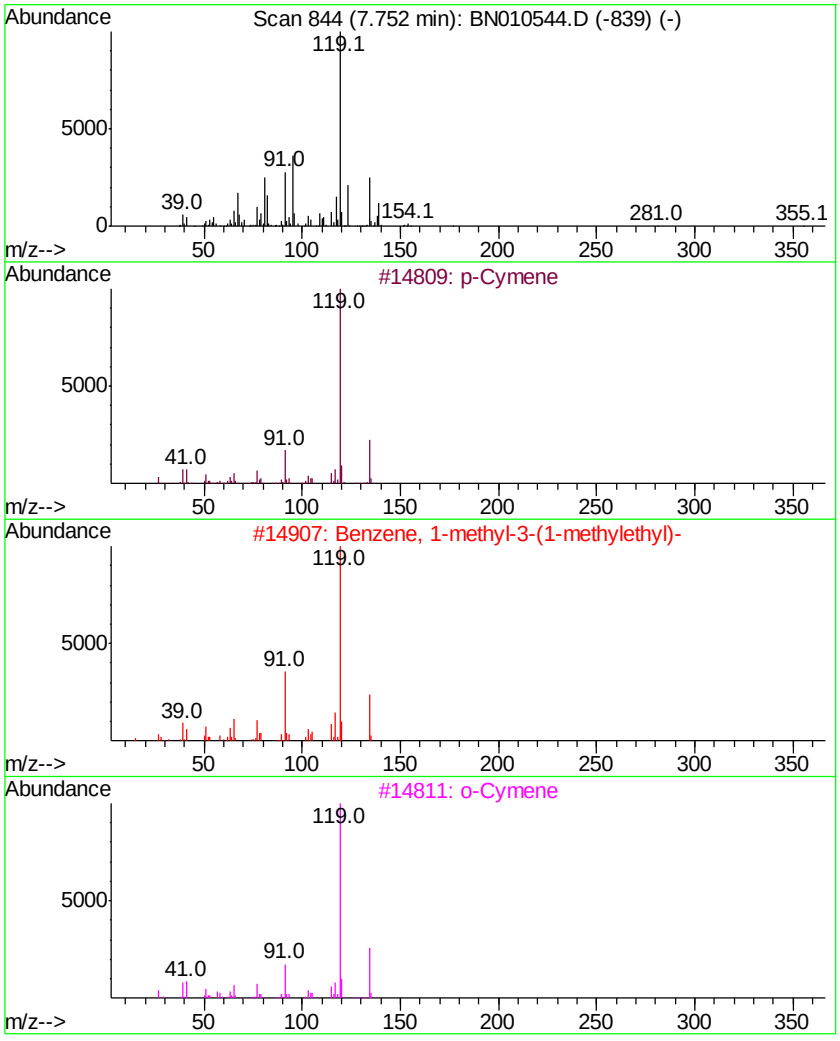
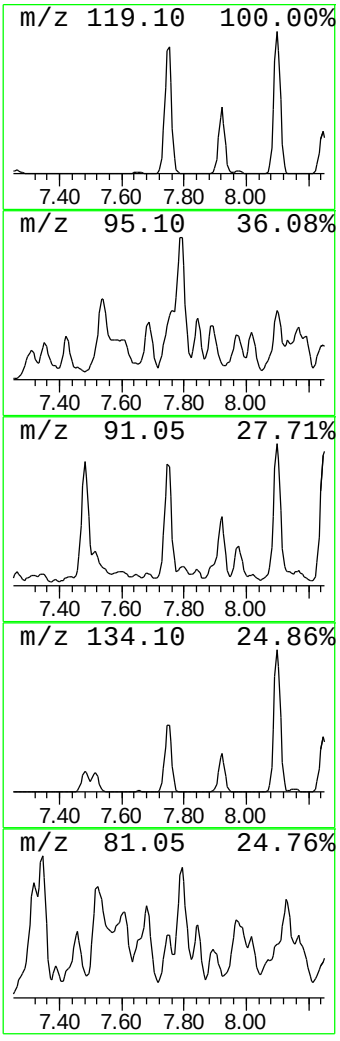
Peak Number 28 p-Cymene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	6.47 ng/ul	6529860	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	87
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
3	o-Cymene	134	C10H14	000527-84-4	87
4	p-Cymene	134	C10H14	000099-87-6	70
5	o-Cymene	134	C10H14	000527-84-4	55





Library Search Compound Report

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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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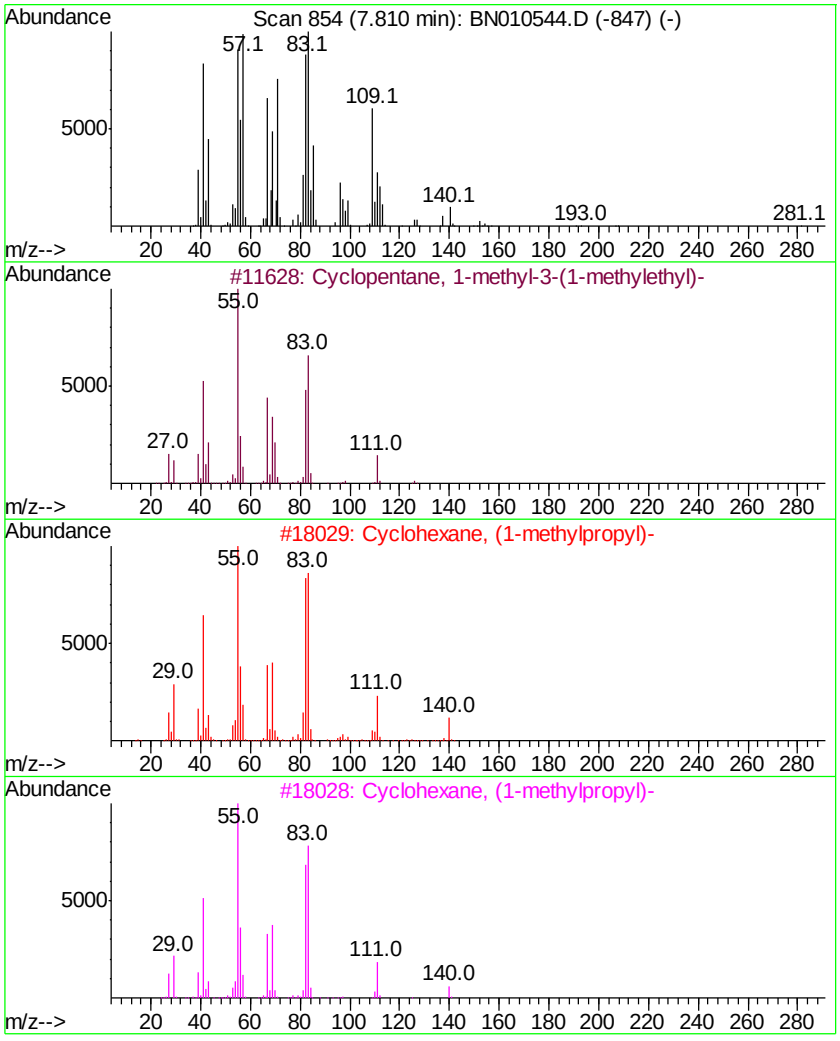
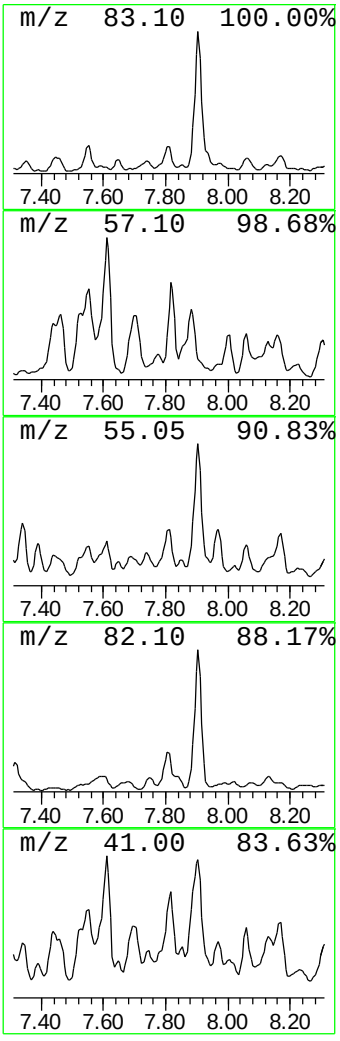
Peak Number 29 (DEL) Alkane: Cyclic7.81 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	10.49 ng/ul	10592900	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	43
2	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	38
3	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	35
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	25
5	cis-3-Hexenyl-.alpha.-methylbuty...	184	C11H20O2	053398-85-9	22





Library Search Compound Report

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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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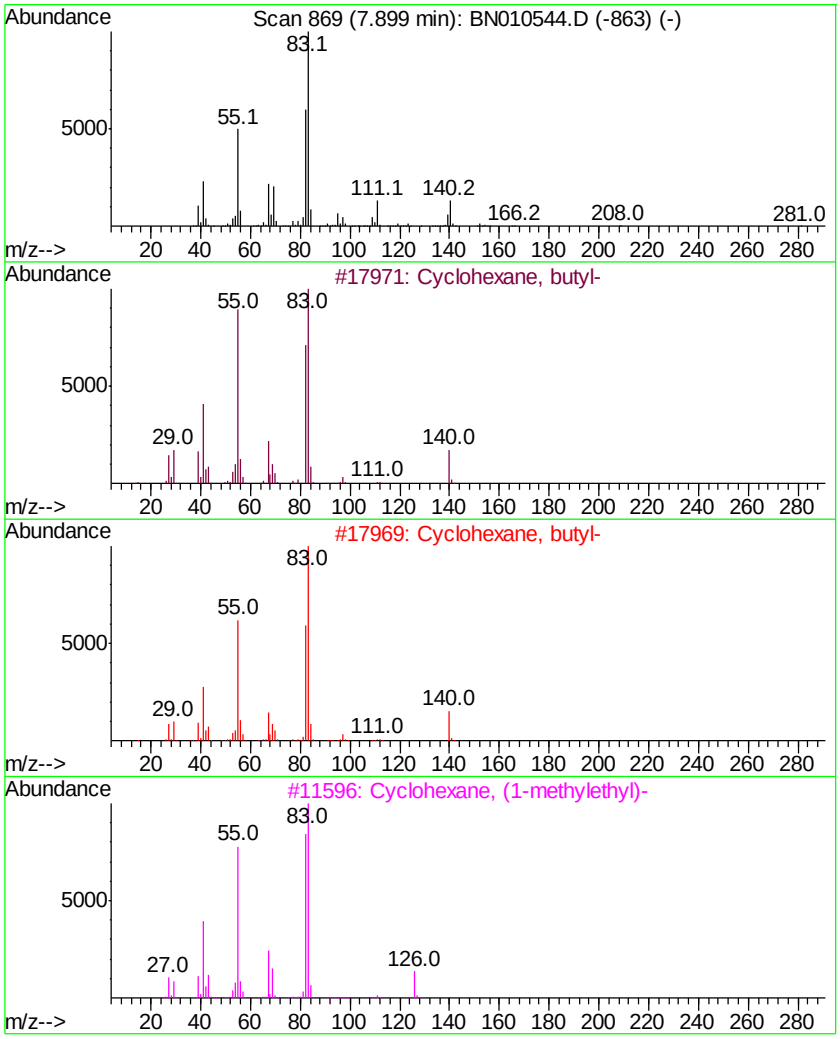
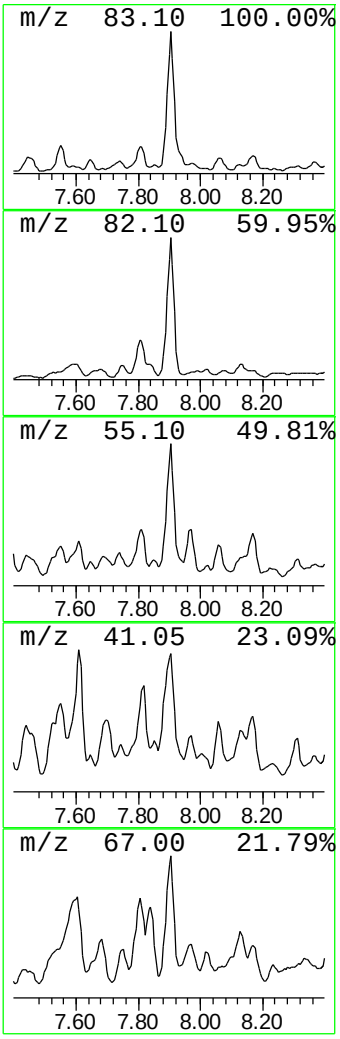
Peak Number 30 (DEL) Alkane: Cyclic7.90 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	24.04 ng/ul	24260900	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	74
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	60
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59





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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

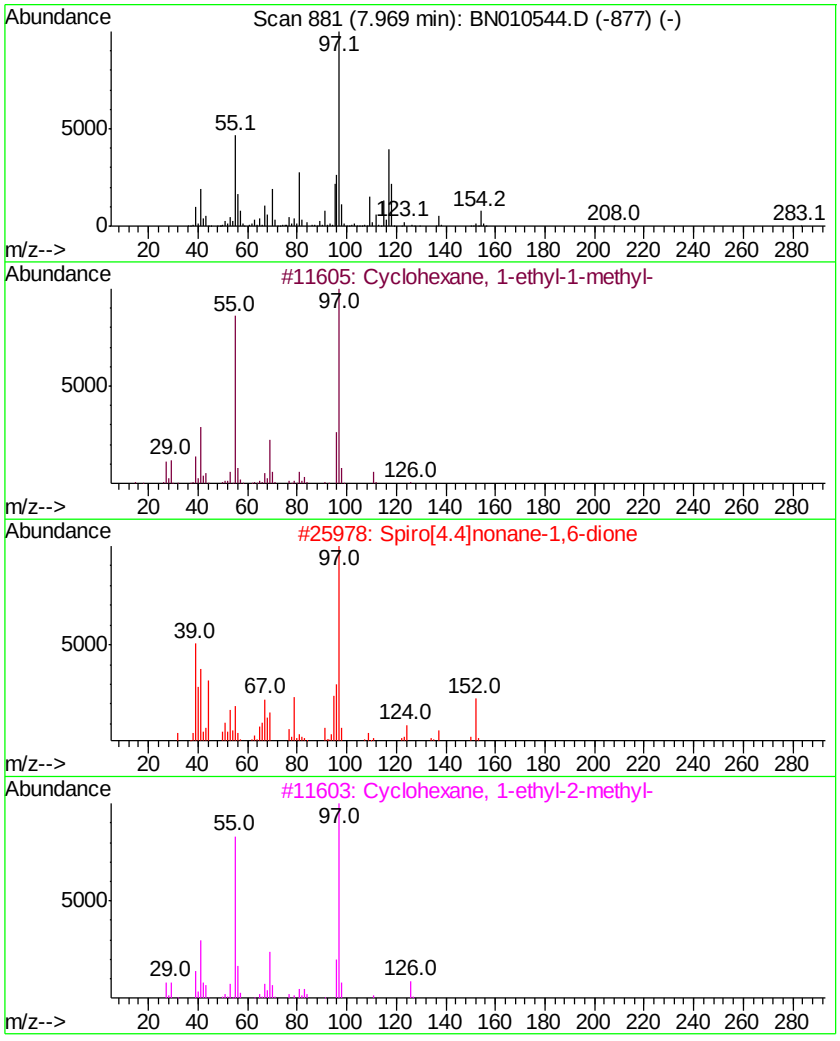
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

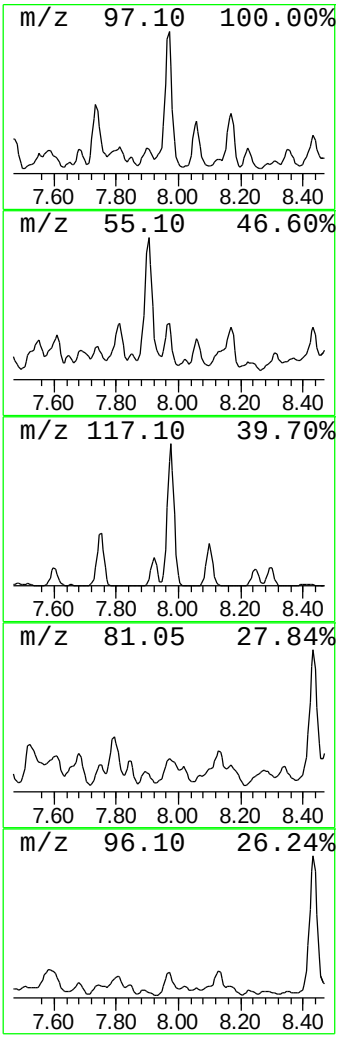
****

Peak Number 31 (DEL) Alkane: Cyclic7.97 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	5.81 ng/ul	5864360	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38
2	Spiro[4.4]nonane-1,6-dione	152	C9H12O2	027723-43-9	38
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	38
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38
5	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	38





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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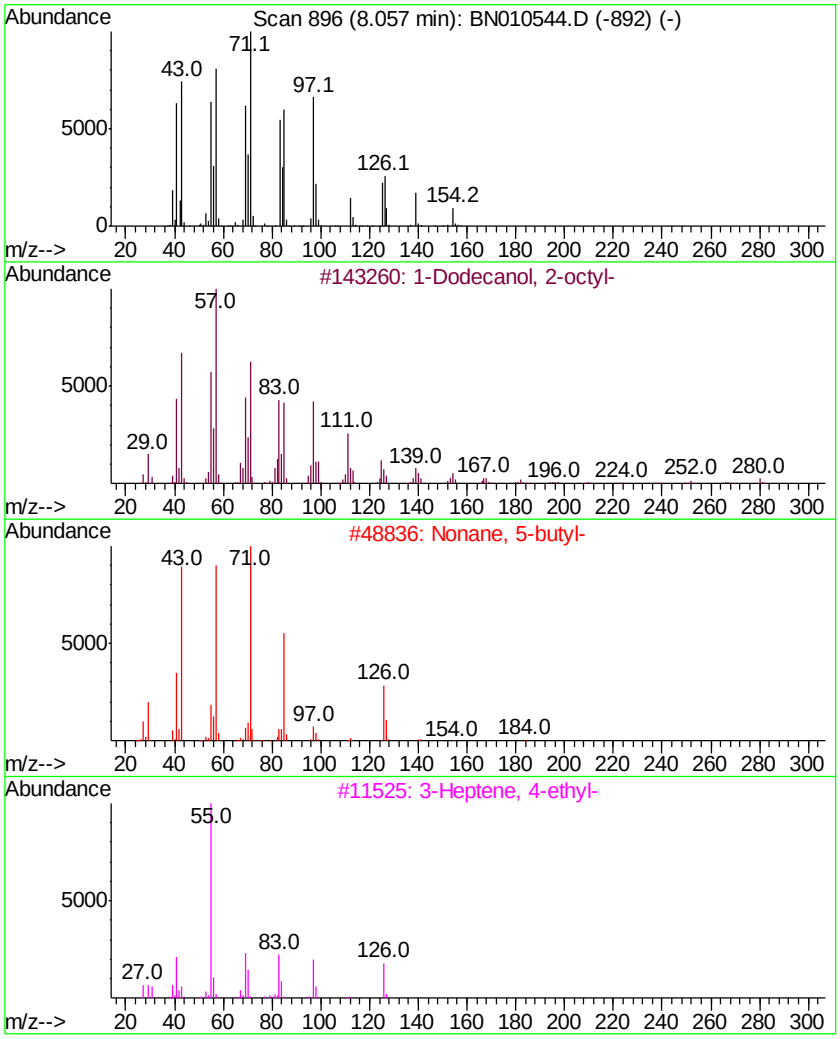
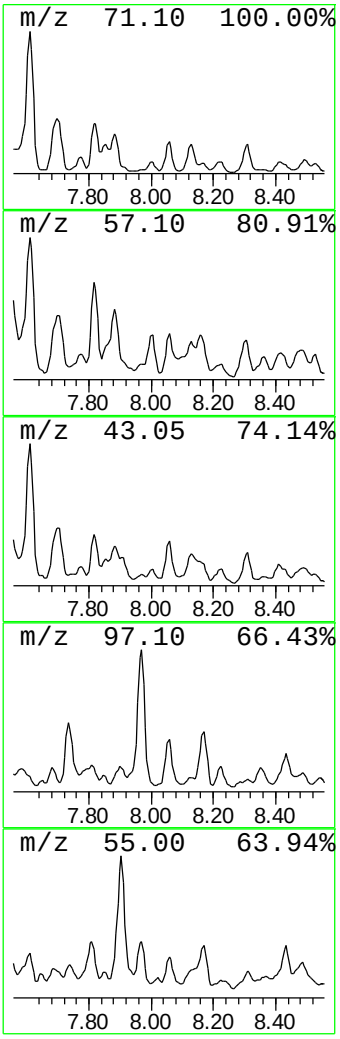
Peak Number 32 1-Dodecanol, 2-octyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	5.65 ng/ul	5700750	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	38
3	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	27
4	Cyclohexanone, 3-methyl-2-(1-met...	154	C10H18O	028357-23-5	25
5	4,4-Dimethyl-cyclohex-2-en-1-ol	126	C8H14O	1000143-72-5	22





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

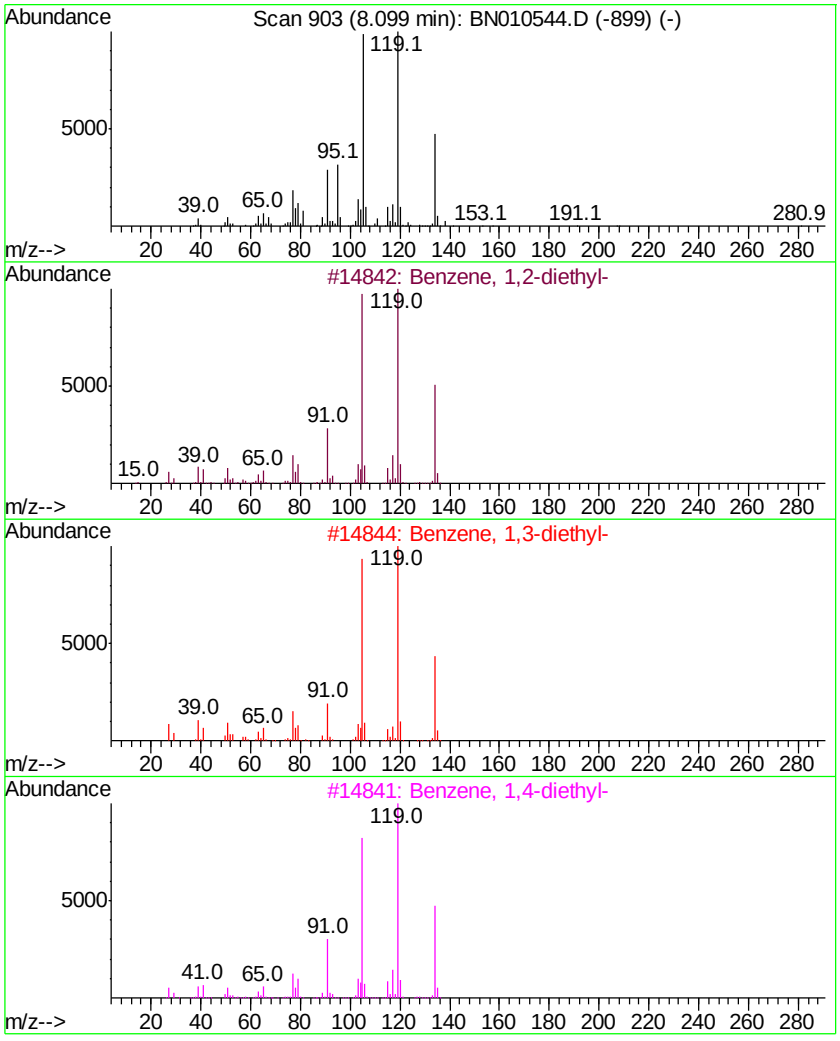
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

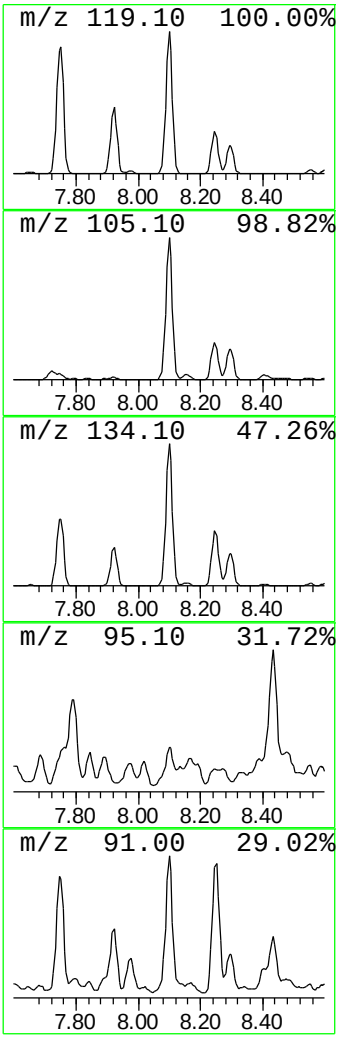
****

Peak Number 33 Benzene, 1,2-diethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	5.76 ng/ul	5812300	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, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93





Library Search Compound Report

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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

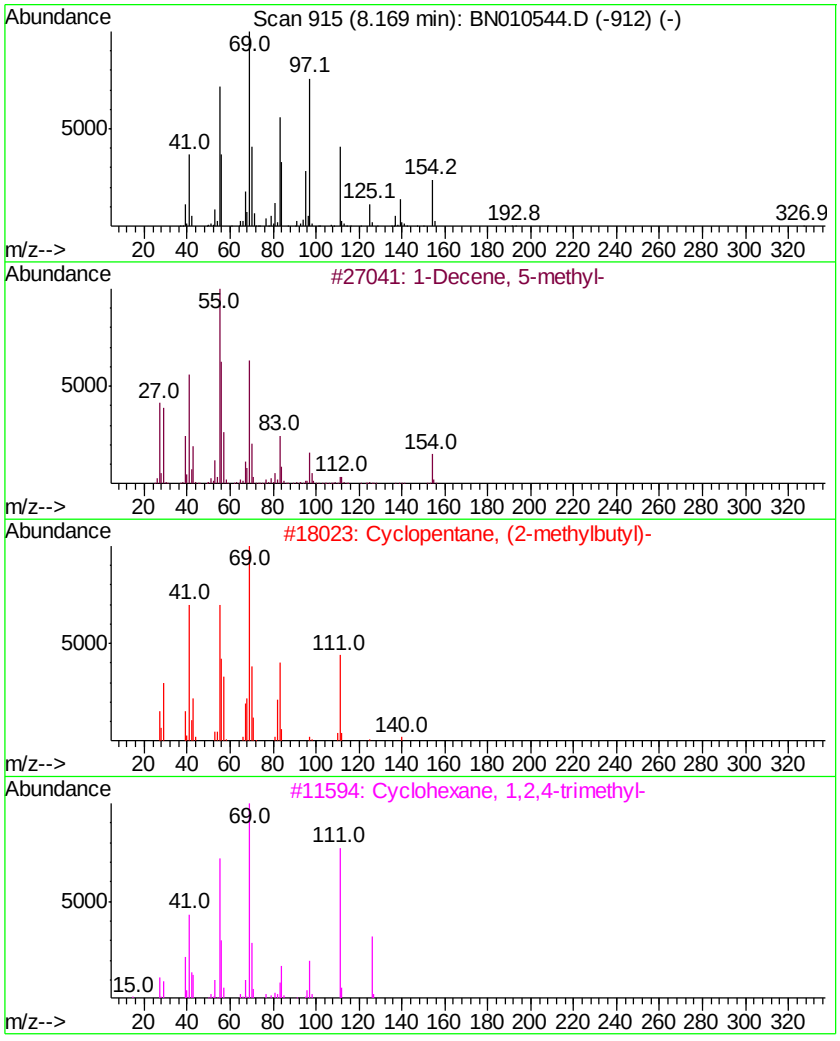
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

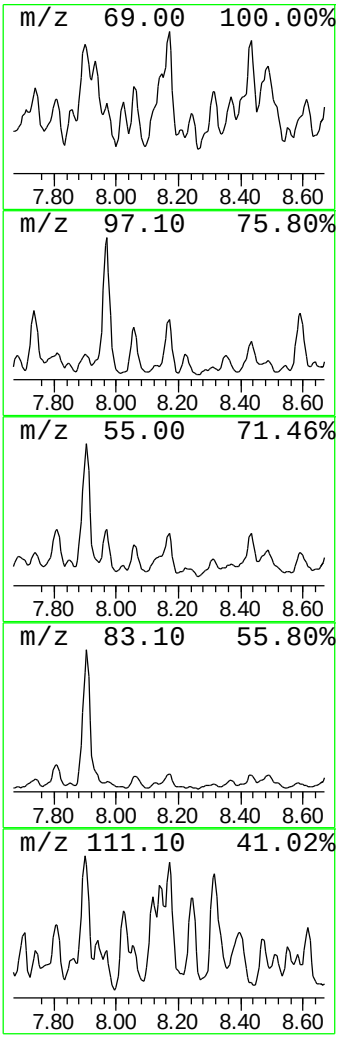
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	8.60 ng/ul	8682920	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 5-methyl-	154	C11H22	054244-79-0	47
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
4	4-Undecene, (E)-	154	C11H22	000693-62-9	35
5	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	35





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Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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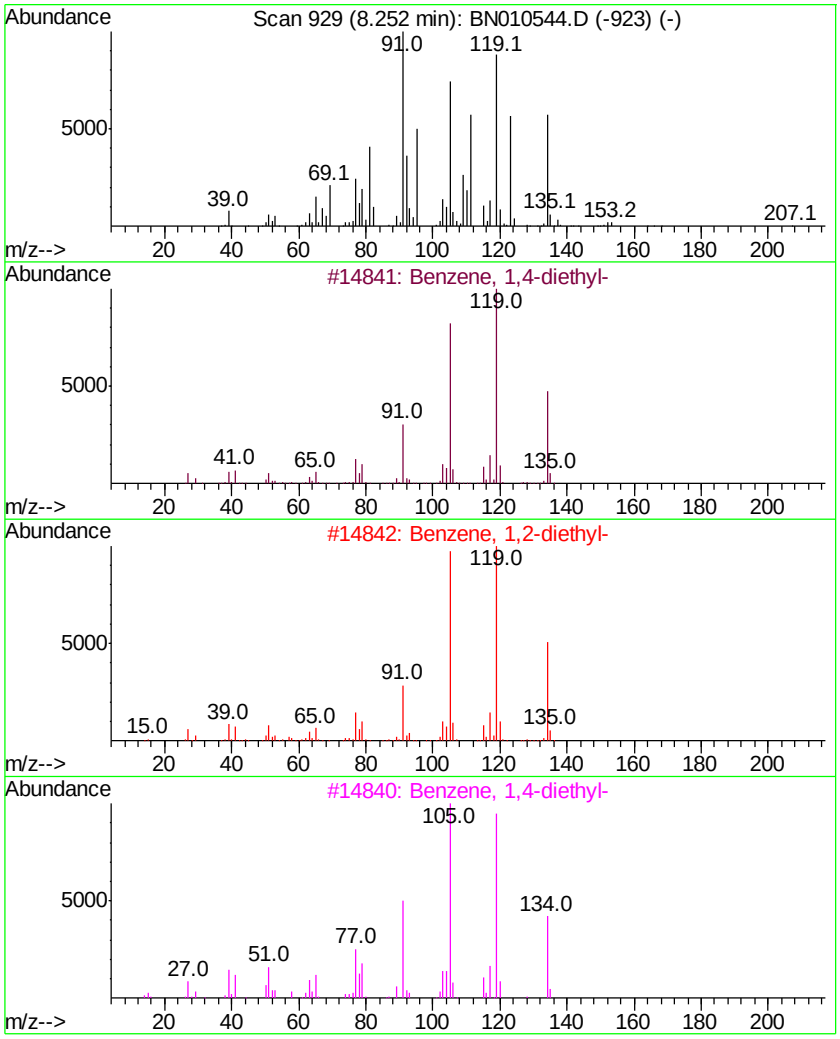
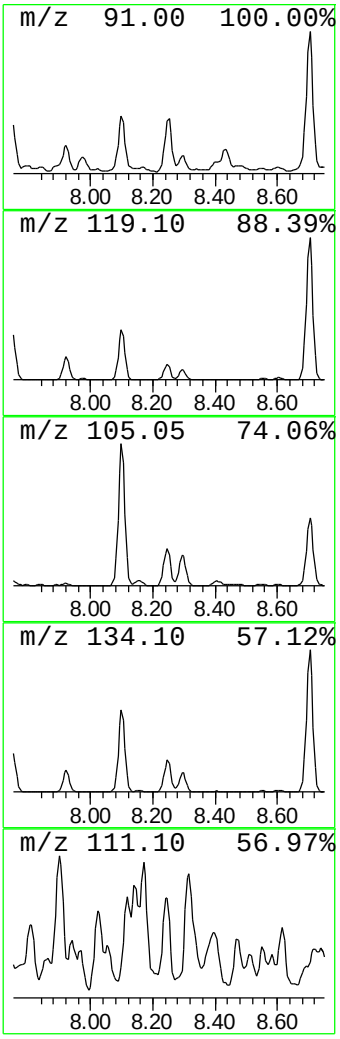
Peak Number 35 Benzene, 1,4-diethyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	3.56 ng/ul	3597110	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	46





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Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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Quant Title : SVOA CALIBRATION

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

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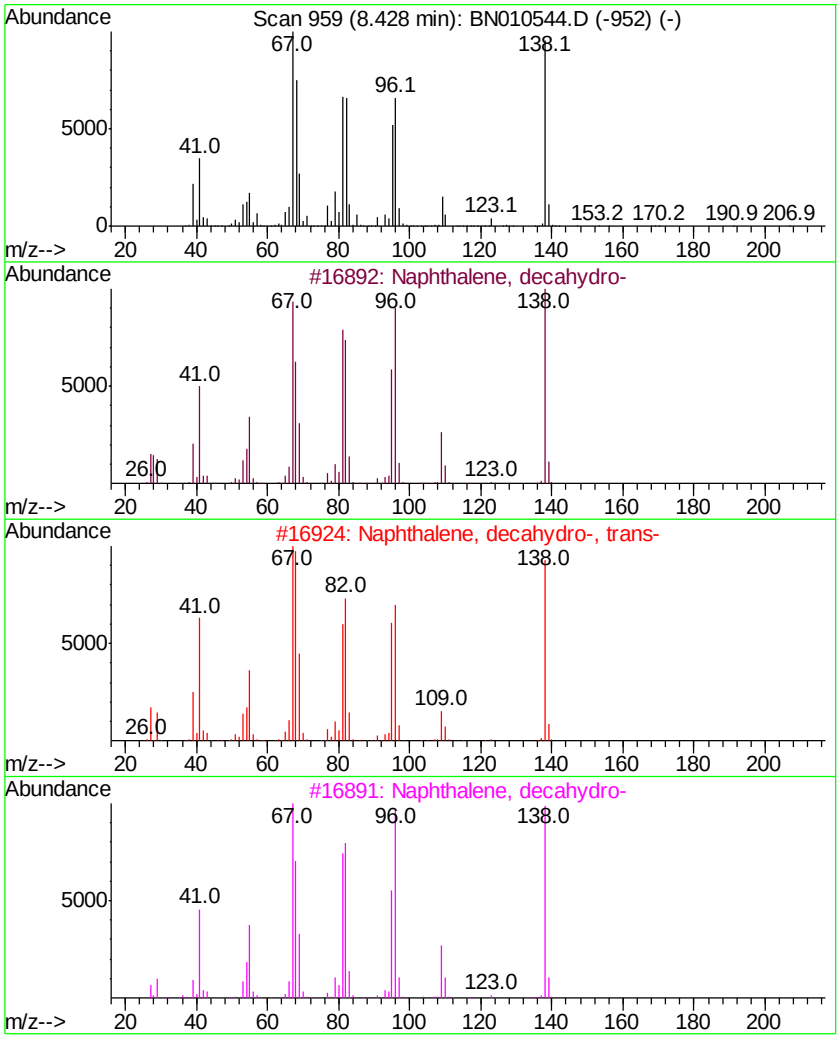
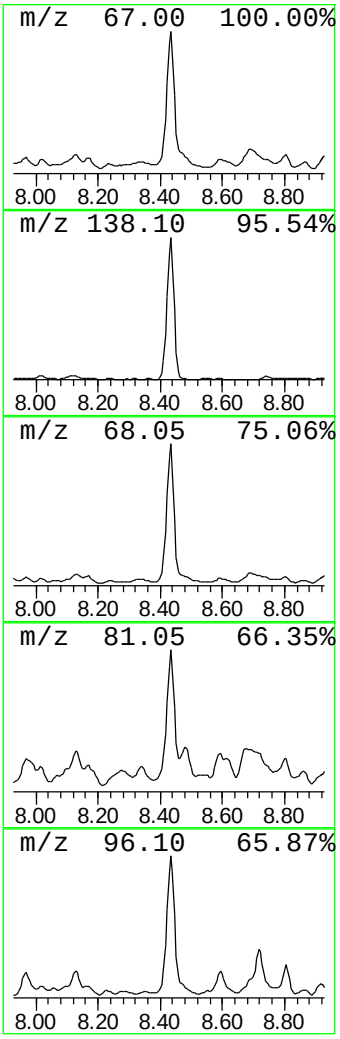
Peak Number 36 Naphthalene, decahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	32.19 ng/ul	32493200	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	97
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93





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Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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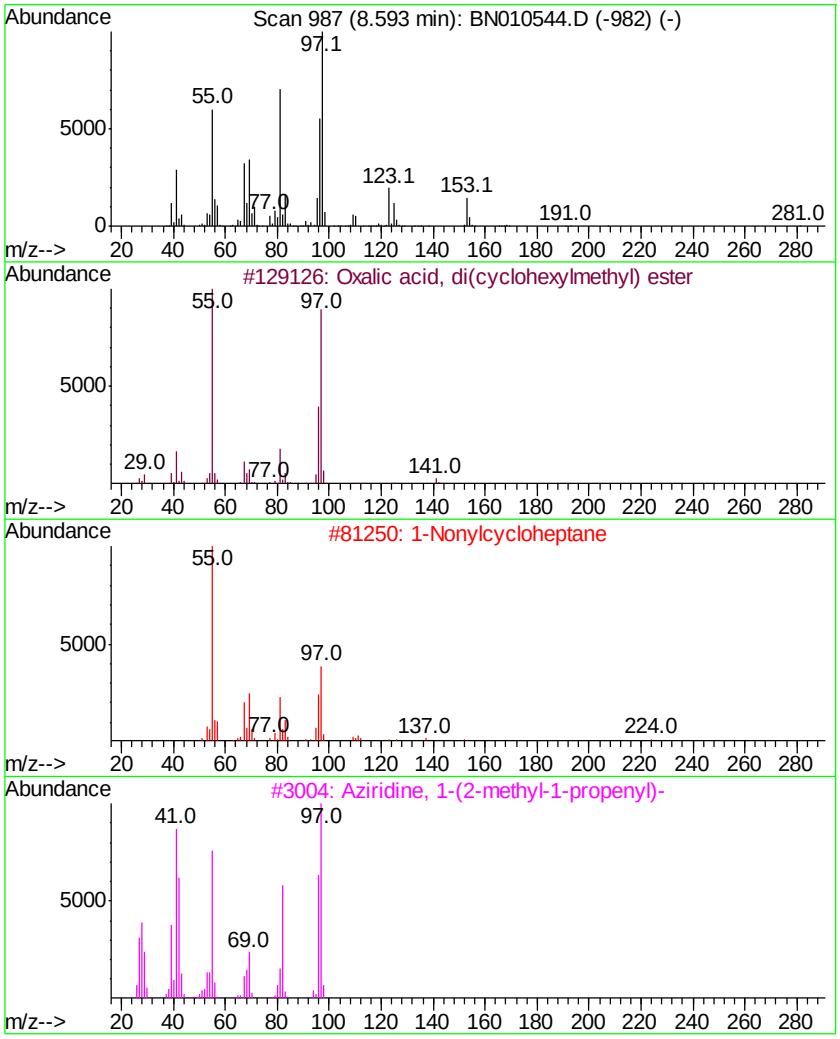
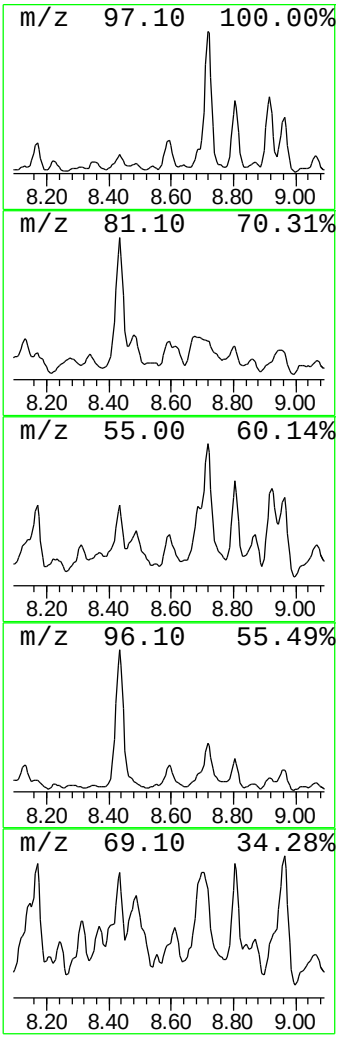
Peak Number 37 Oxalic acid, di(cyclohexylm... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	6.14 ng/ul	6193820	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	50
2	1-Nonylcycloheptane	224	C16H32	1000371-47-7	47
3	Aziridine, 1-(2-methyl-1-propenyl)-	97	C6H11N	080839-93-6	47
4	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	47
5	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	43





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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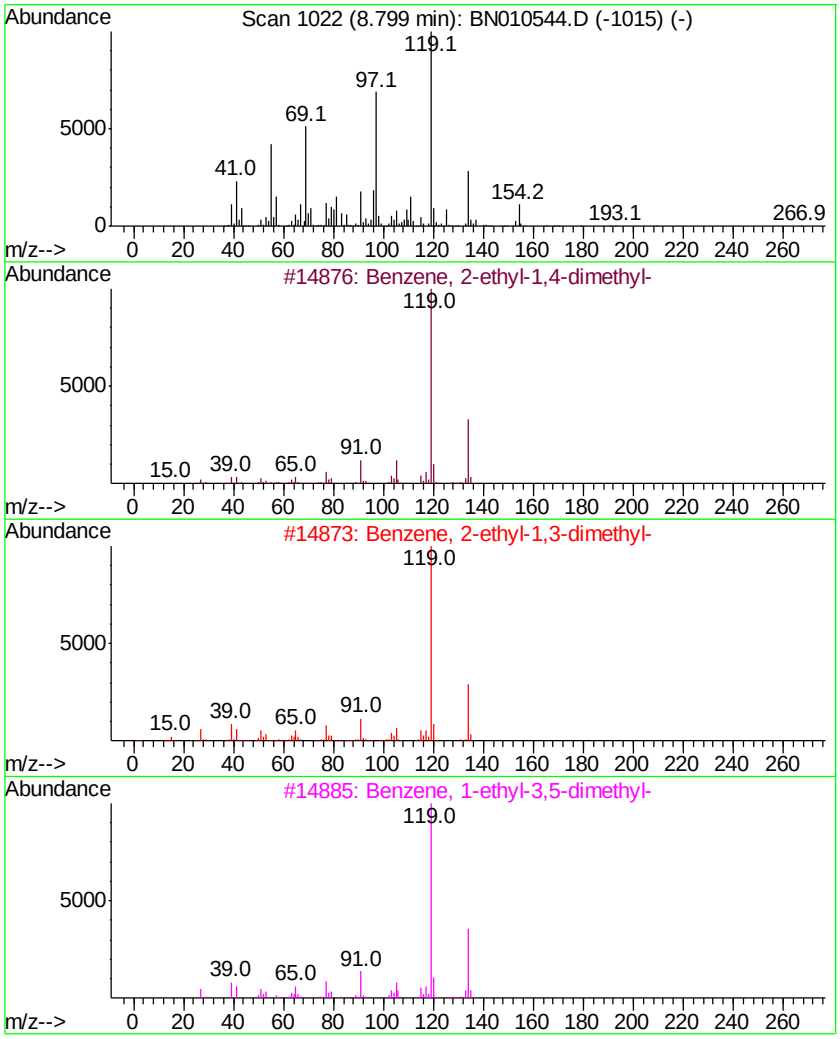
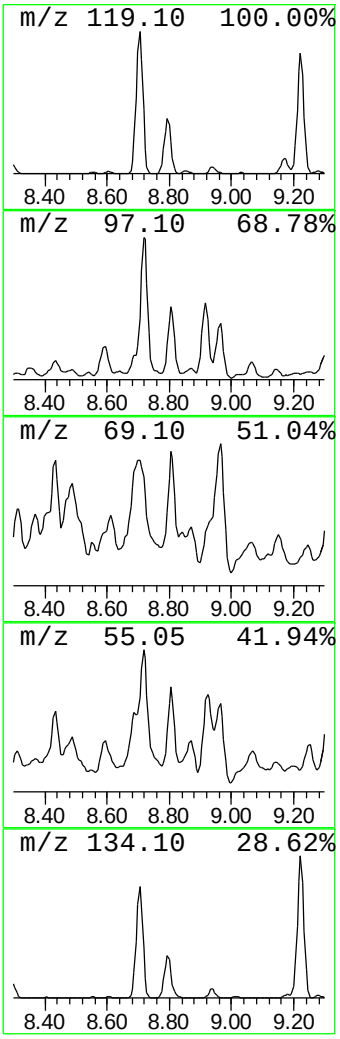
Peak Number 38 unknown-06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	14.48 ng/ul	14616100	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, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	25
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	25
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	25





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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

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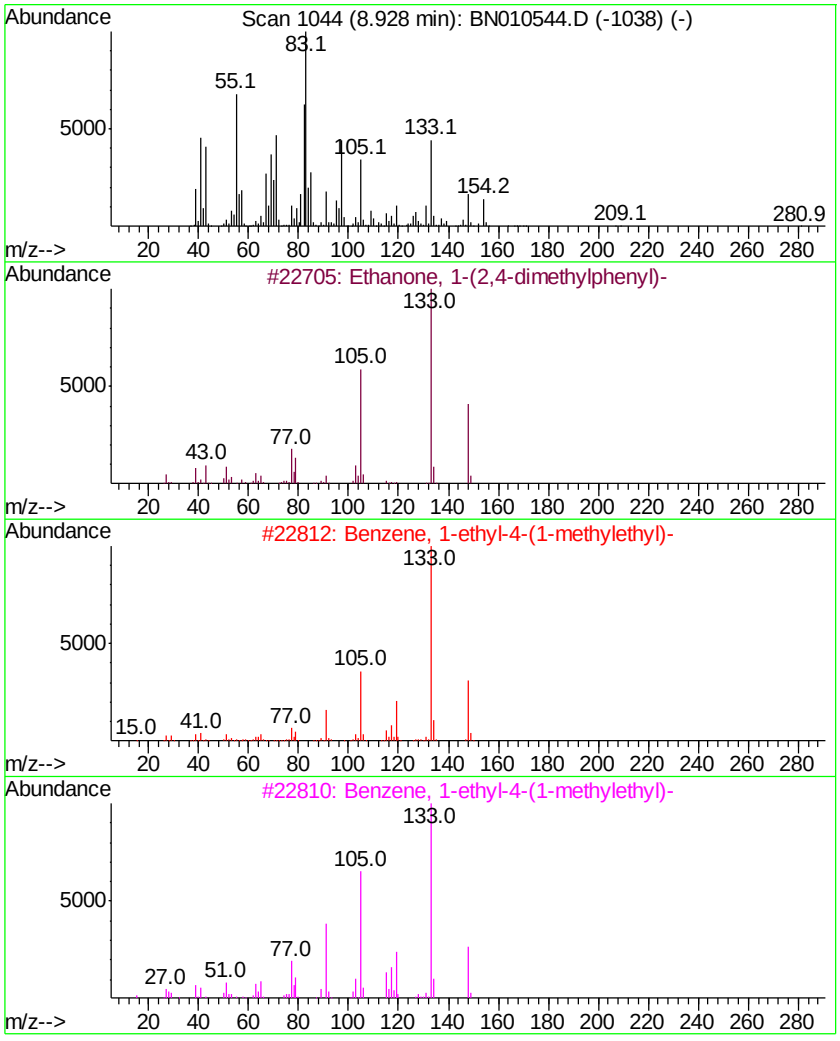
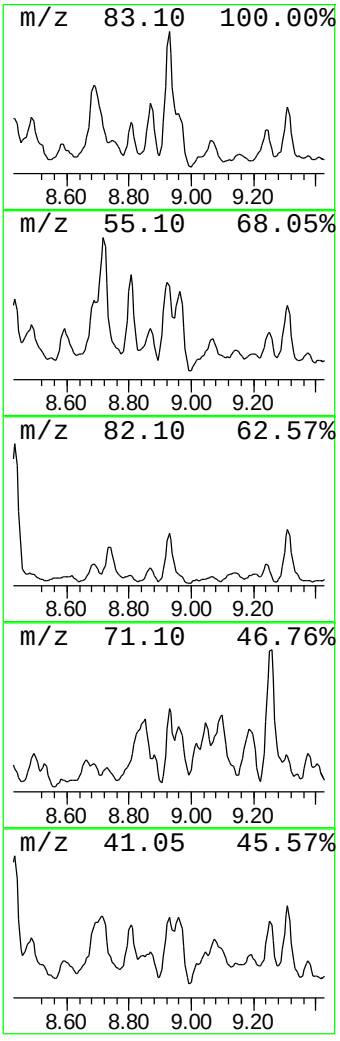
Peak Number 39 Ethanone, 1-(2,4-dimethylph... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	17.76 ng/ul	17925900	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	56
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	56
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
4	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	44
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	40





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

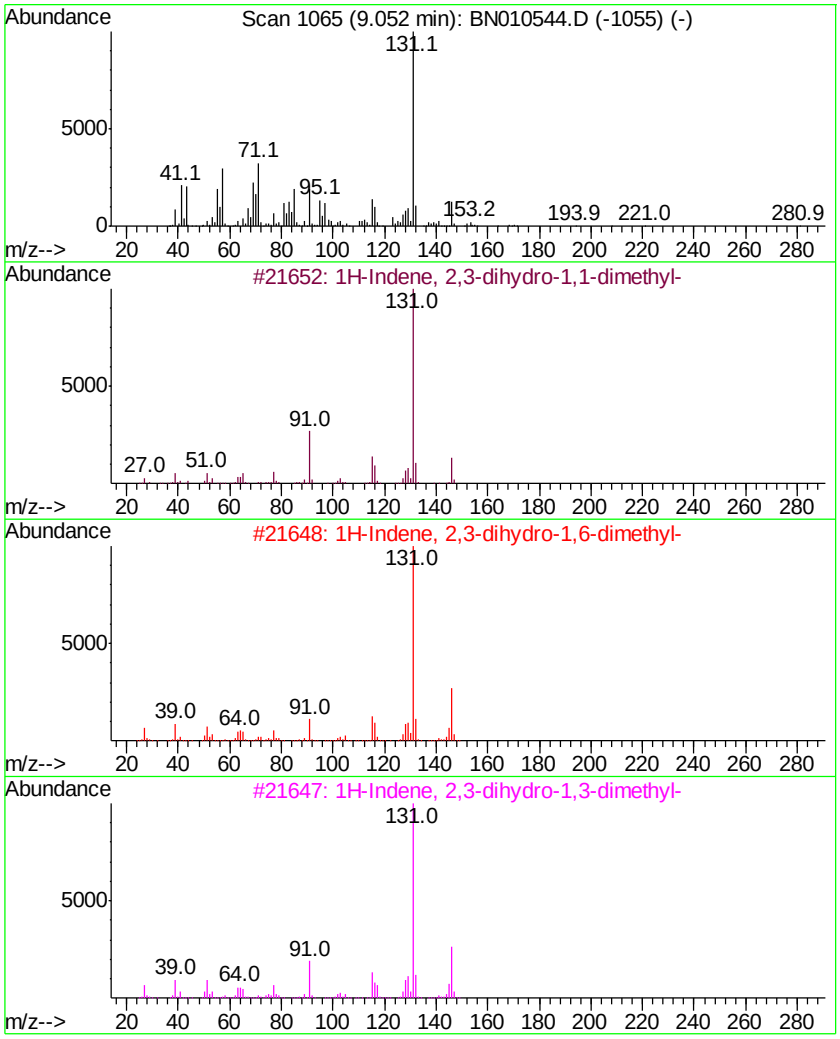
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

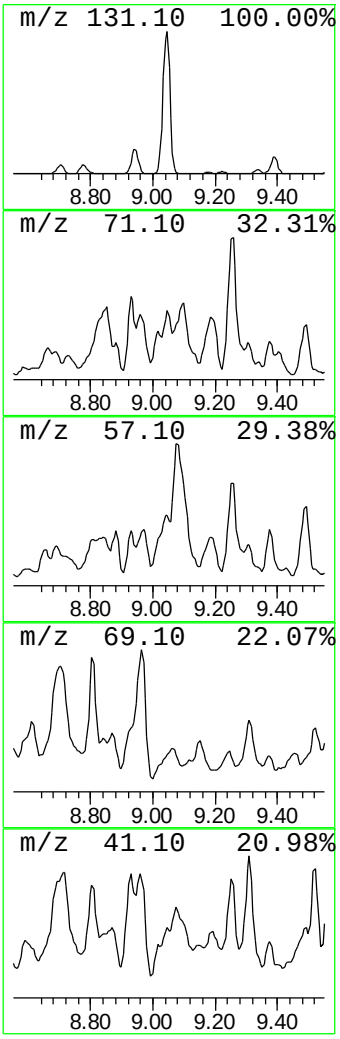
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	20.44 ng/ul	12986200	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

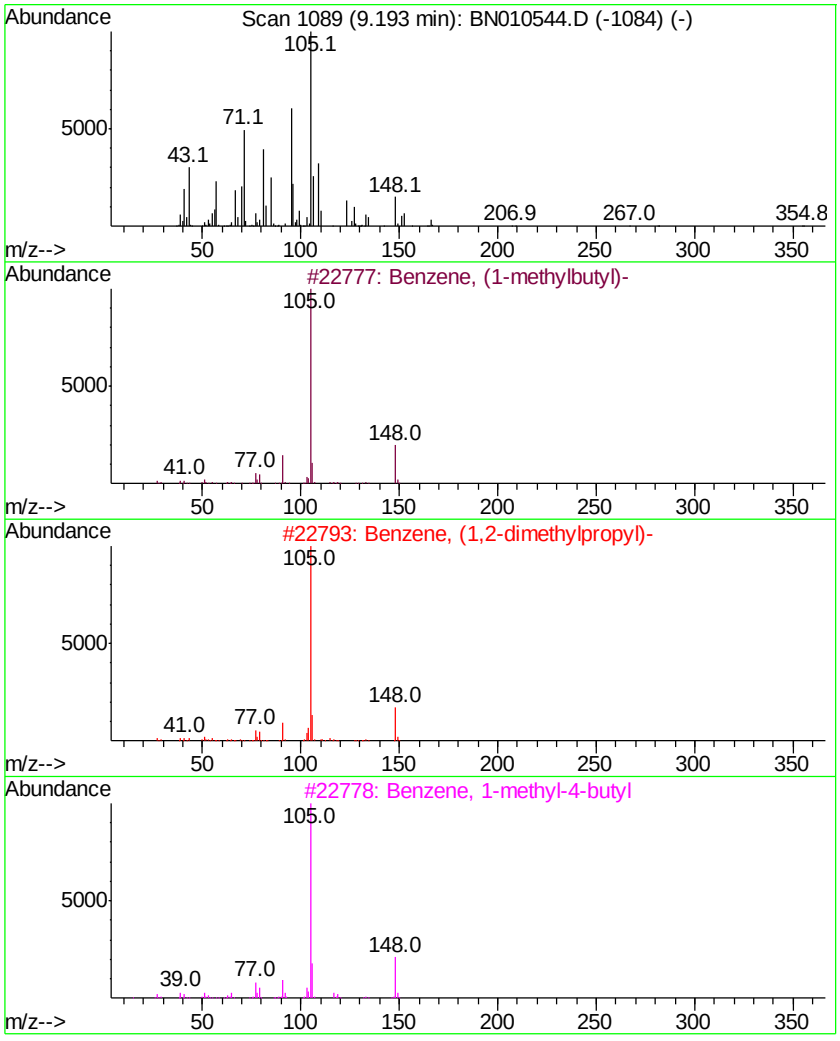
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

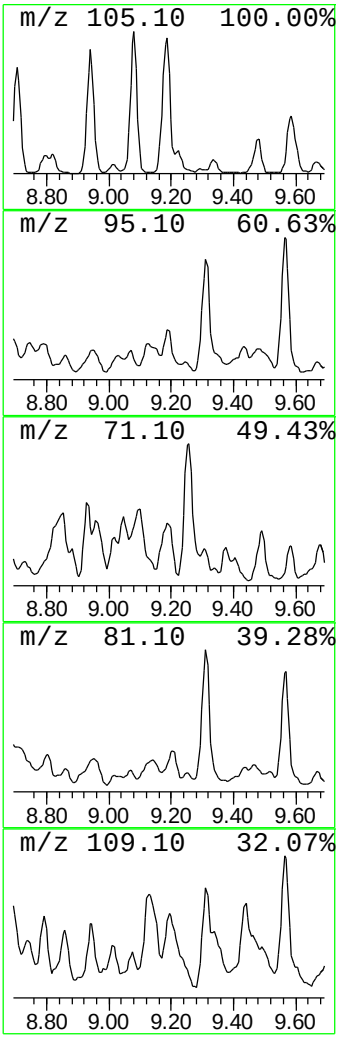
****

Peak Number 41 unknown-07 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	4.59 ng/ul	2913830	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	18
2	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	14
3	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	14
4	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	12
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	11





Library Search Compound Report

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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

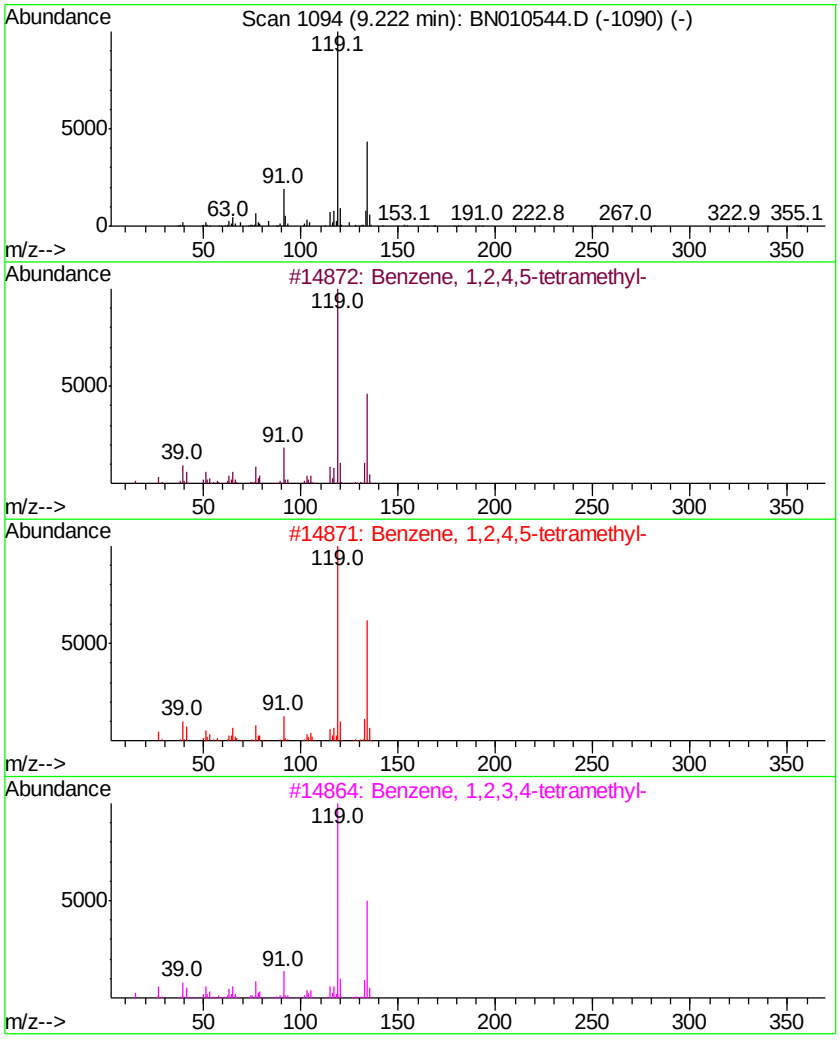
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

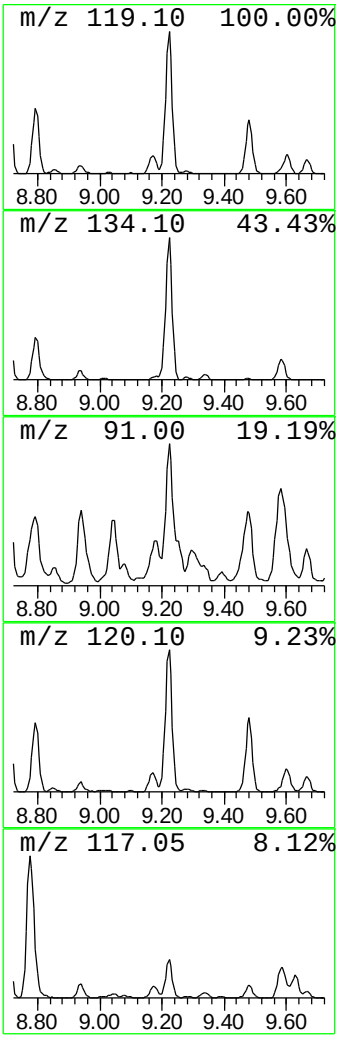
****

Peak Number 42 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	12.03 ng/ul	7643130	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	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

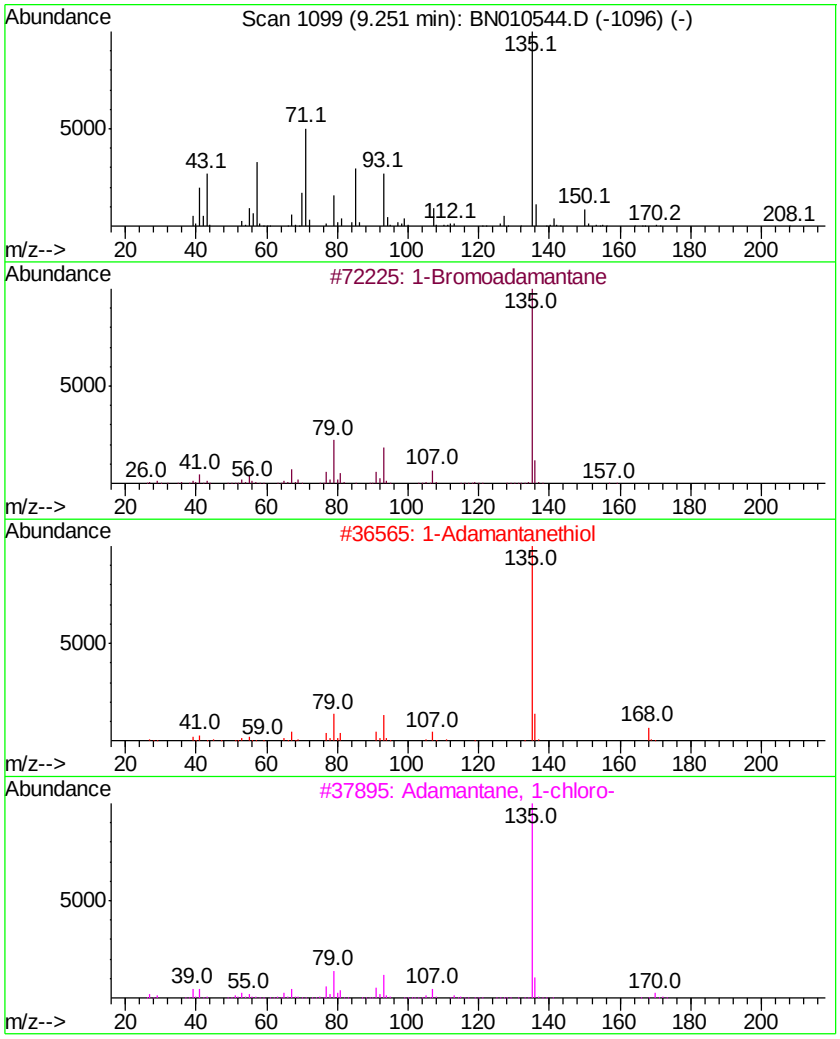
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

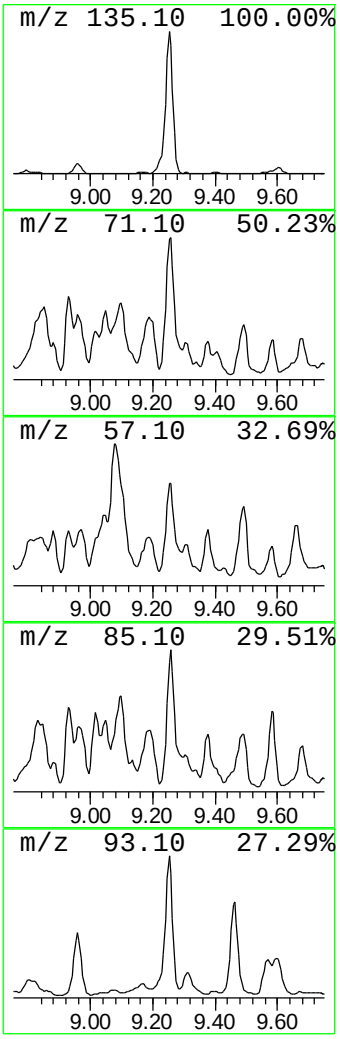
****

Peak Number 43 unknown-08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	15.84 ng/ul	10059300	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromoadamantane	214	C10H15Br	000768-90-1	43
2	1-Adamantanethiol	168	C10H16S	034301-54-7	43
3	Adamantane, 1-chloro-	170	C10H15Cl	000935-56-8	43
4	1-Adamantaneethanol	180	C12H20O	006240-11-5	43
5	1-Adamantanecarboxylic acid chlo...	198	C11H15ClO	002094-72-6	43





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

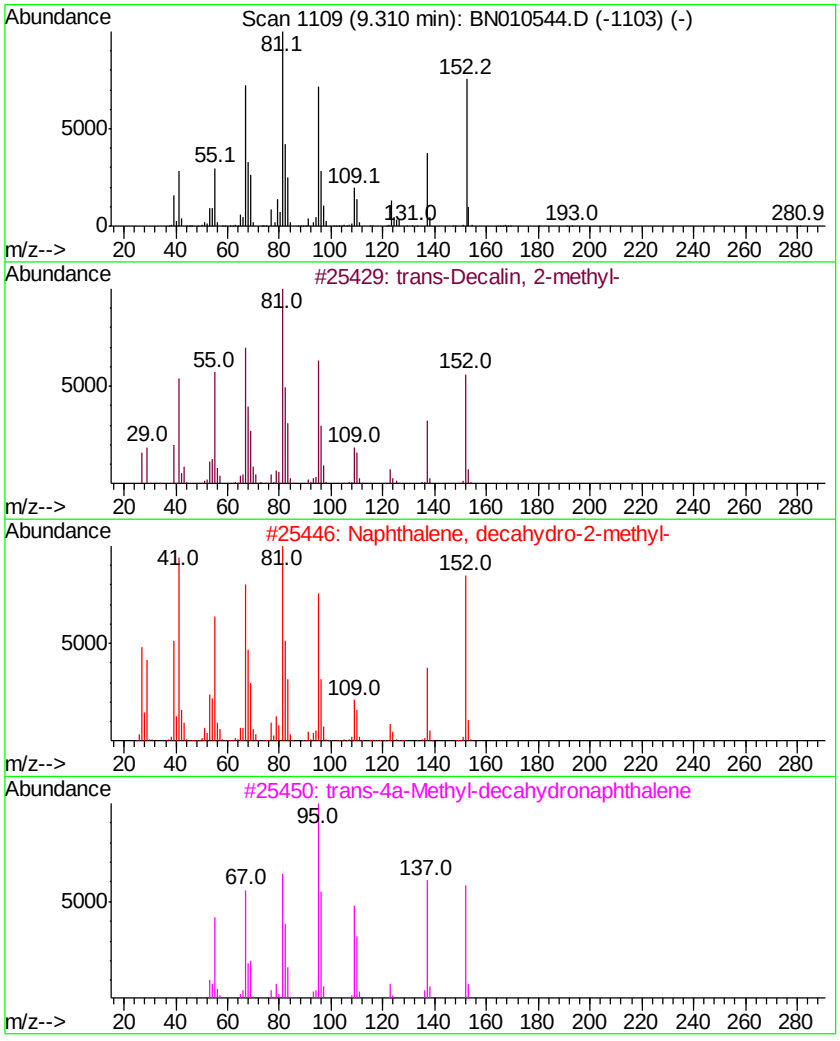
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

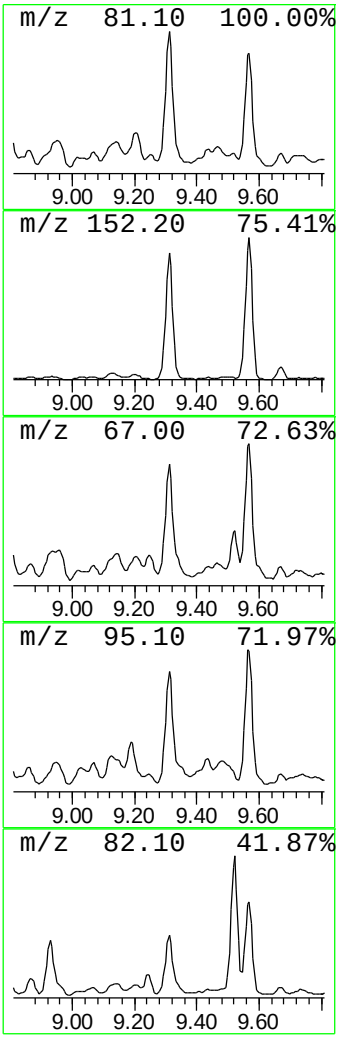
****

Peak Number 44 trans-Decalin, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	32.63 ng/ul	20730000	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	95
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	94
4	Pulegone	152	C10H16O	000089-82-7	81
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

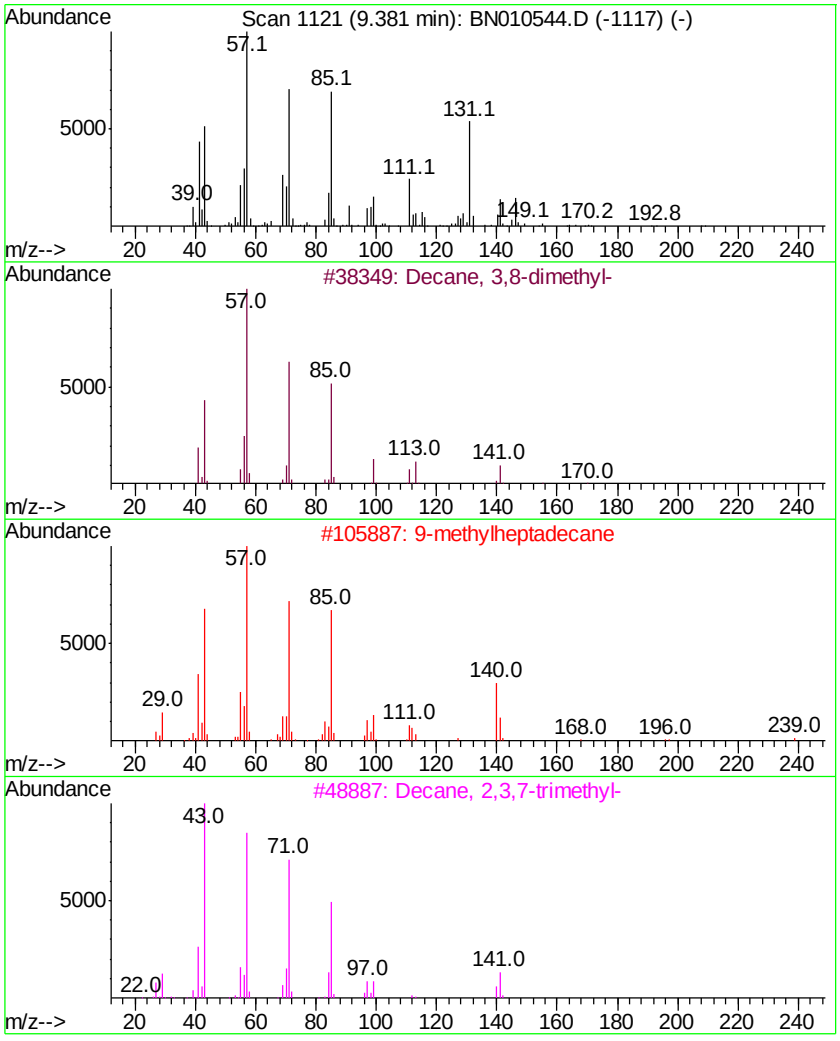
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

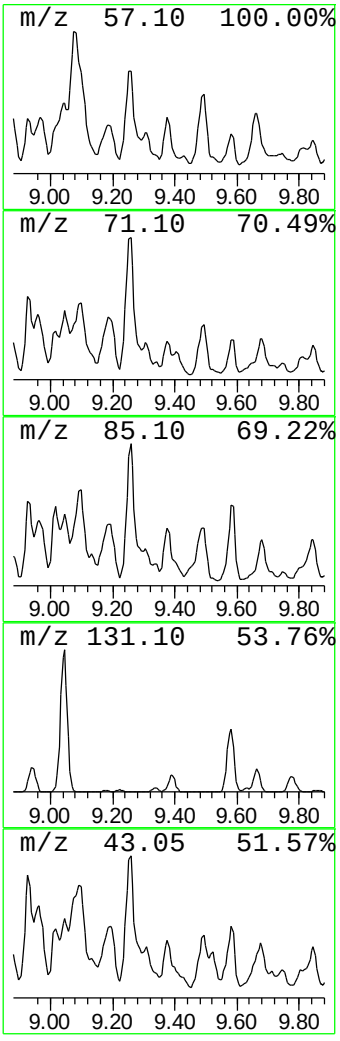
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	3.33 ng/ul	2117320	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
2	9-methylheptadecane	254	C18H38	026741-18-4	64
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	59
4	Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	58
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	53





Library Search Compound Report

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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

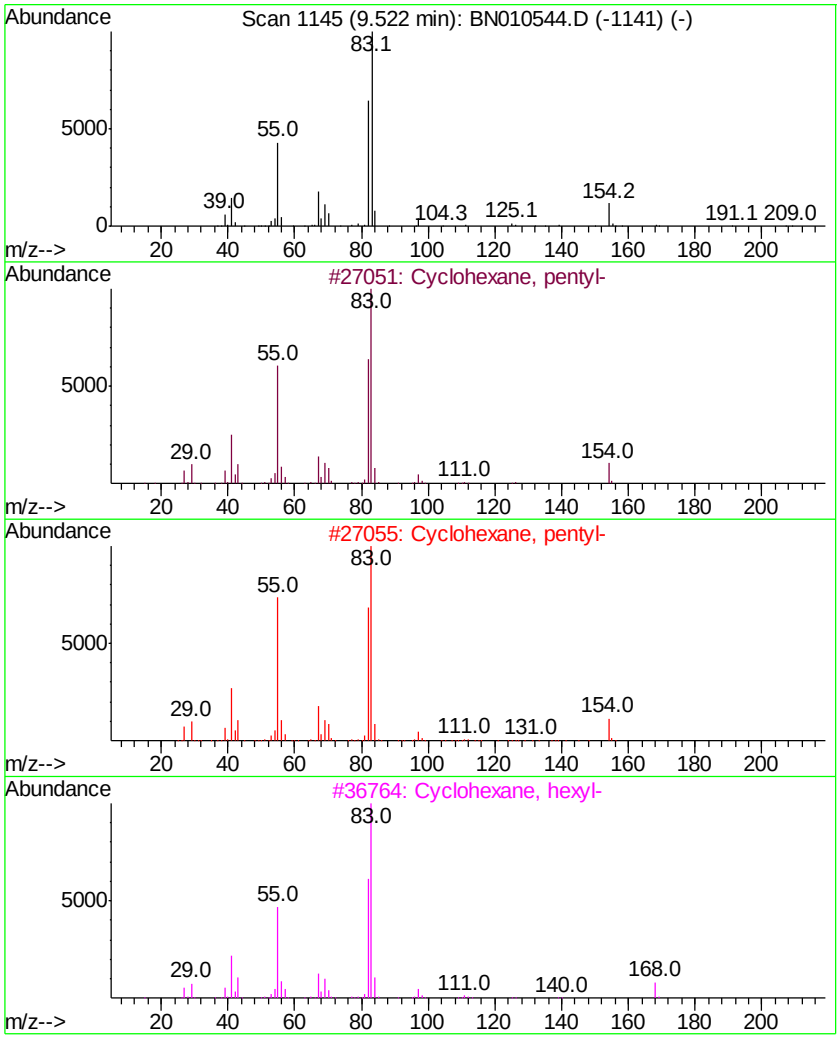
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

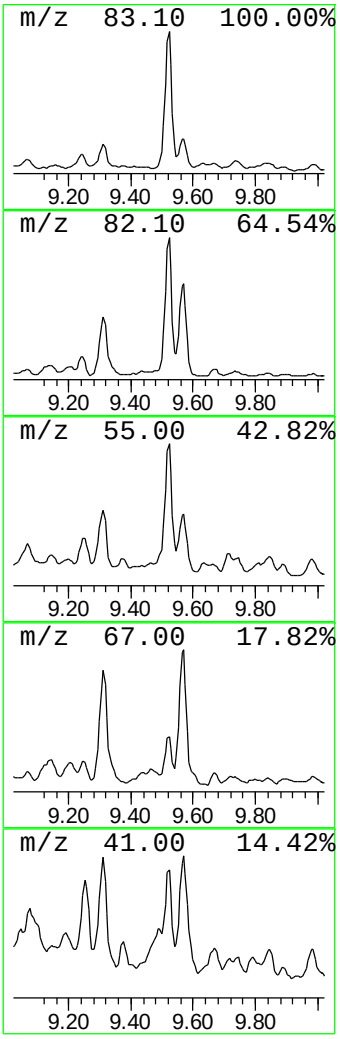
****

Peak Number 46 (DEL) Alkane: Cyclic9.52 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	12.75 ng/ul	8096060	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	78
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	64





Library Search Compound Report

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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

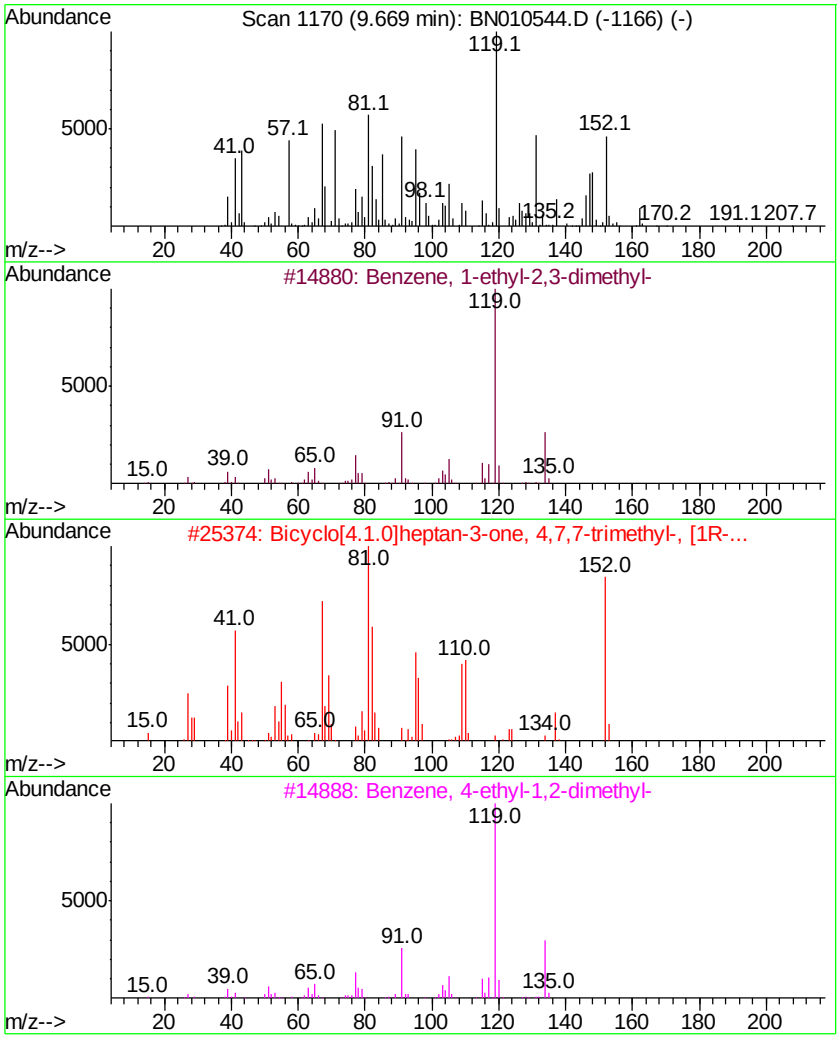
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

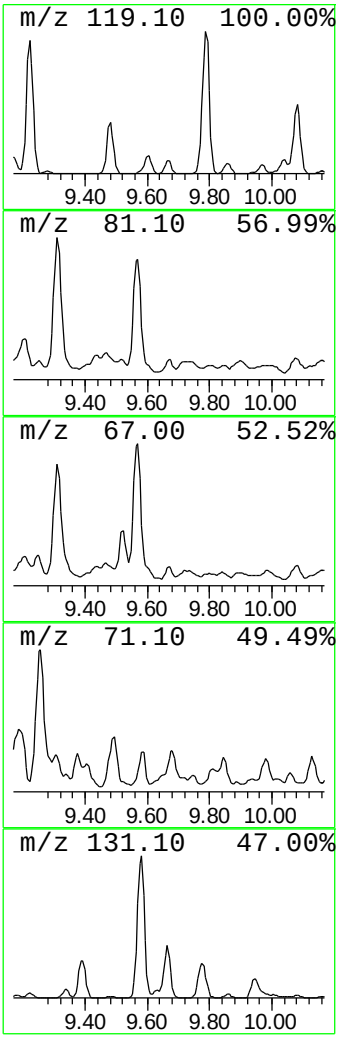
****

Peak Number 47 unknown-09 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	6.07 ng/ul	3858040	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25
2	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	25
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	25
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	15
5	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	14





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Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

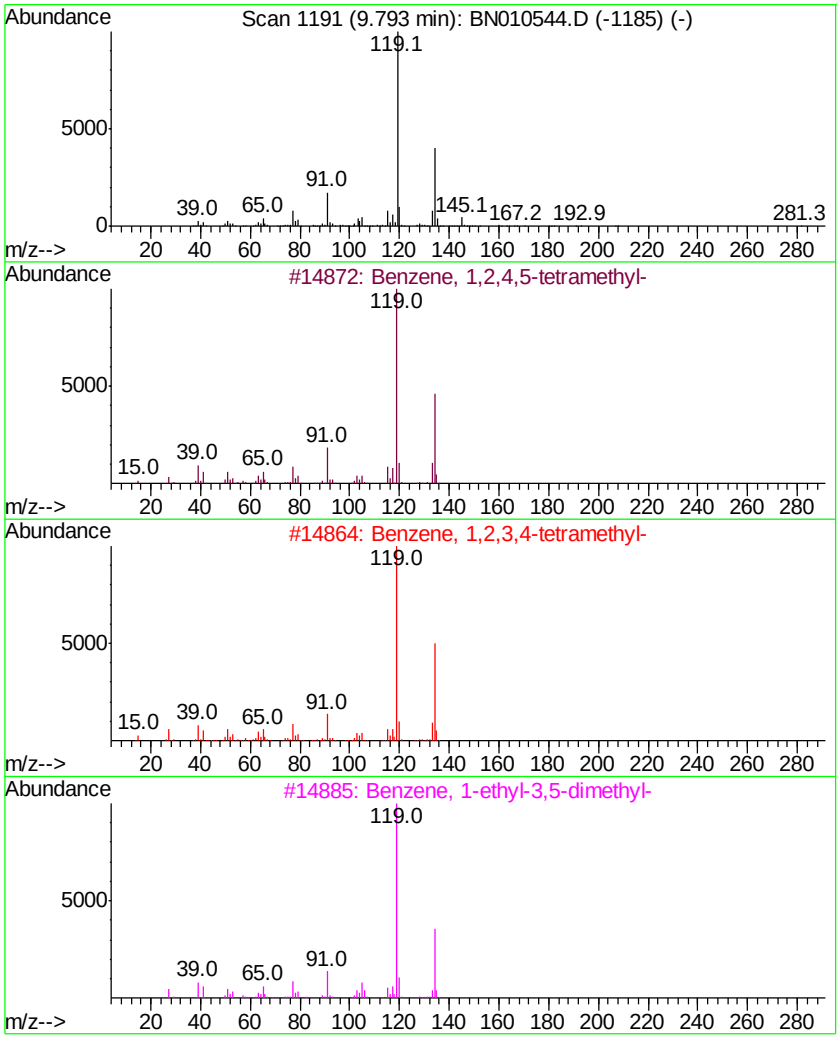
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

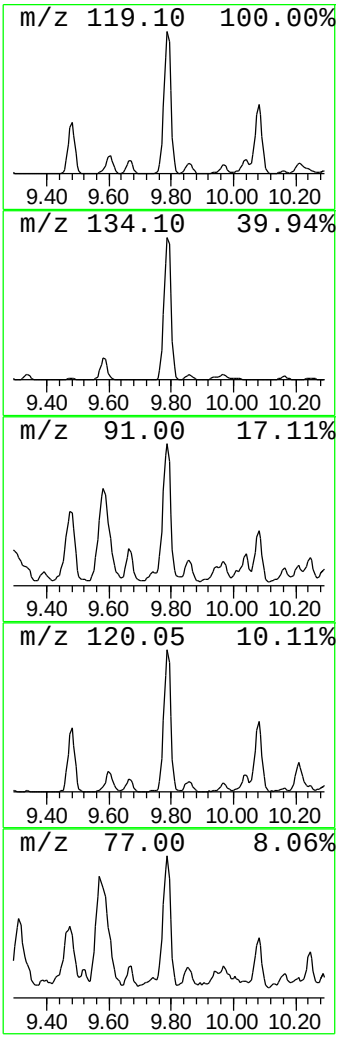
****

Peak Number 48 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	22.14 ng/ul	14065100	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	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

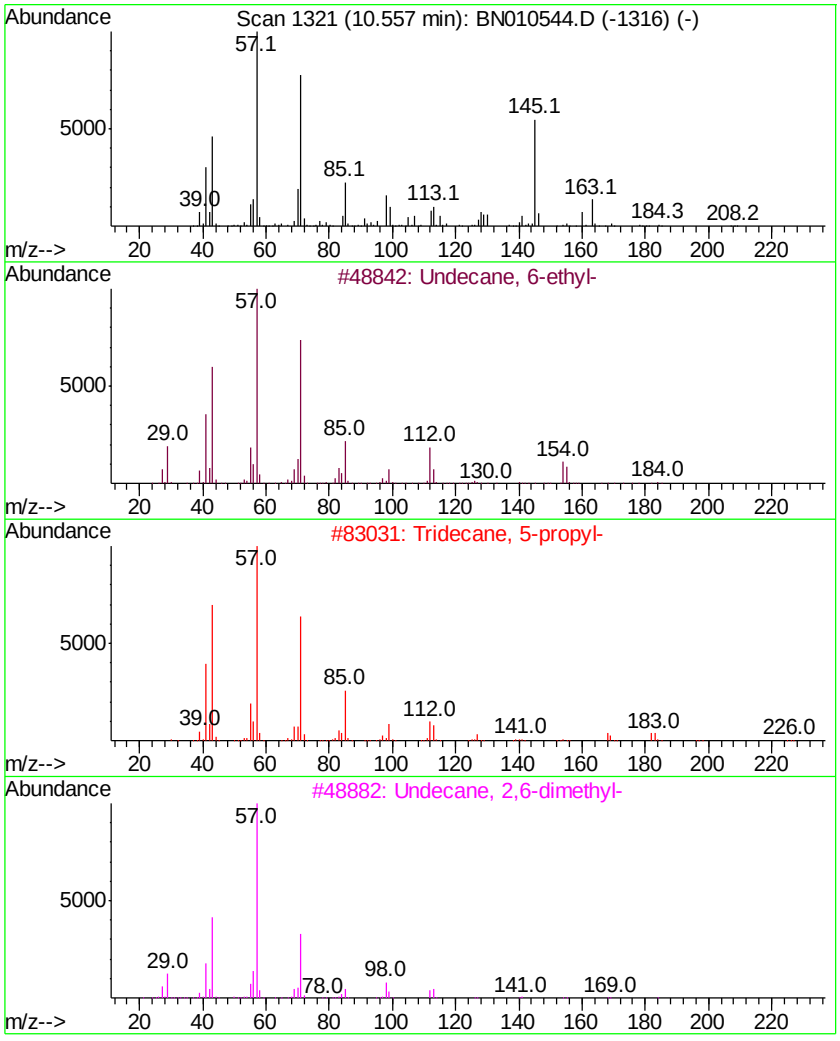
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

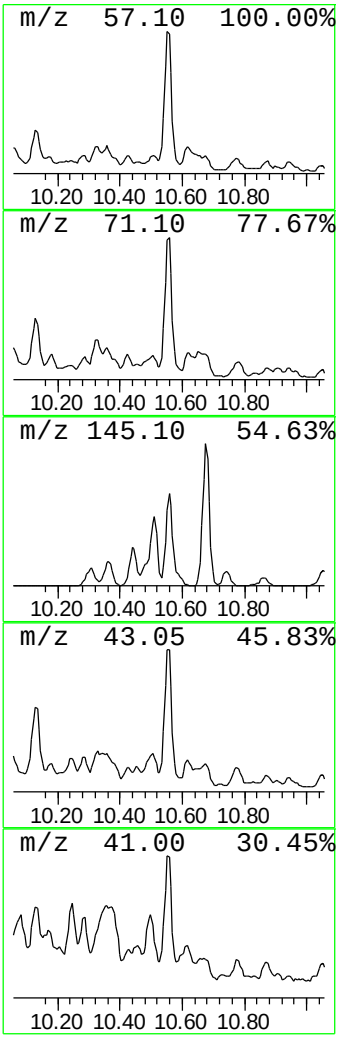
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	7.72 ng/ul	4904110	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	49
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	47
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	46
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	43
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	43





Library Search Compound Report

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Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

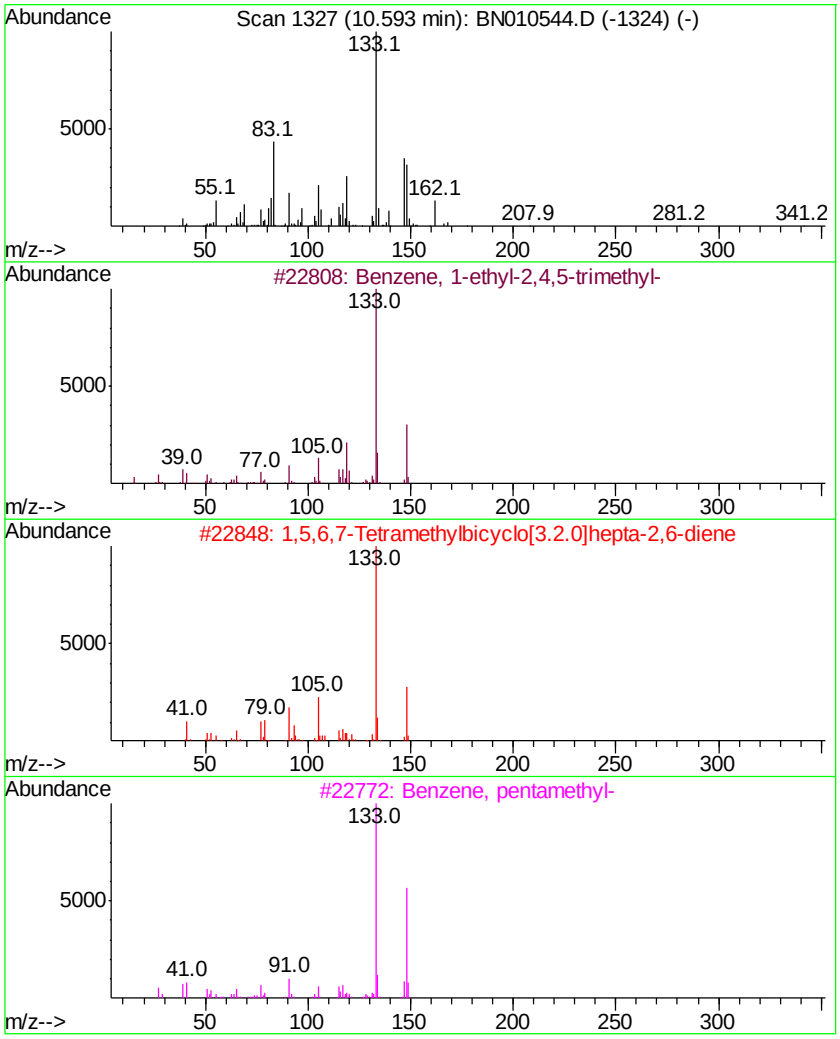
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

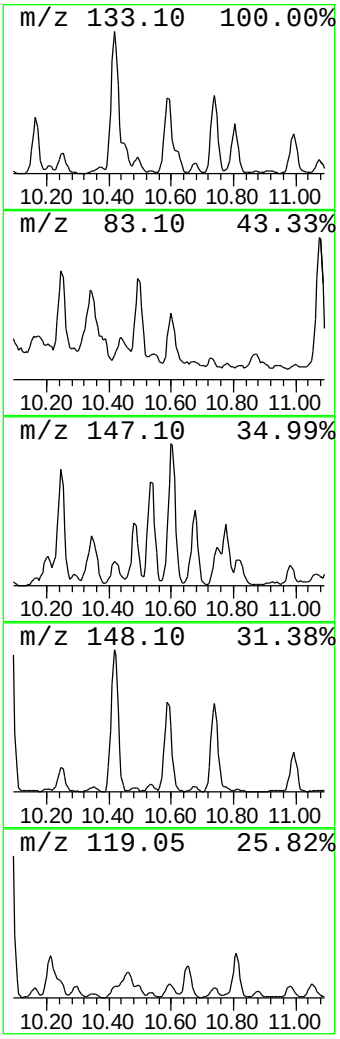
****

Peak Number 53 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.99 ng/ul	2533010	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	64
2	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	55
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	50
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

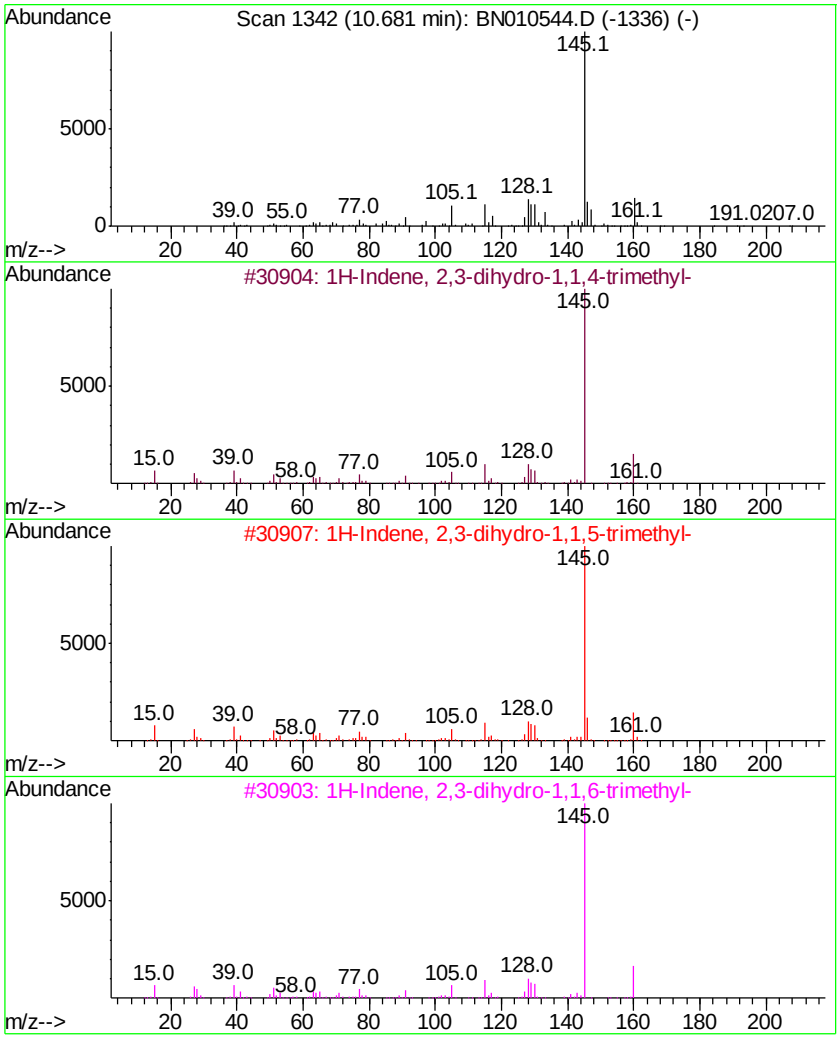
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

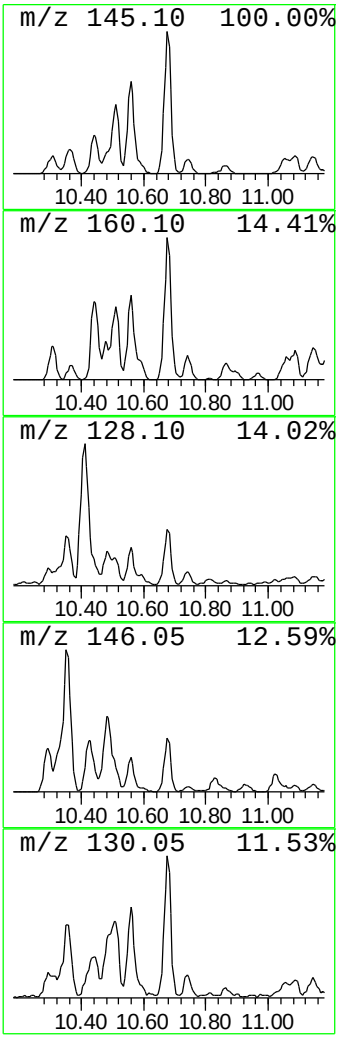
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	5.80 ng/ul	3683200	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	95
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	95
3	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	93
4	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	91
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

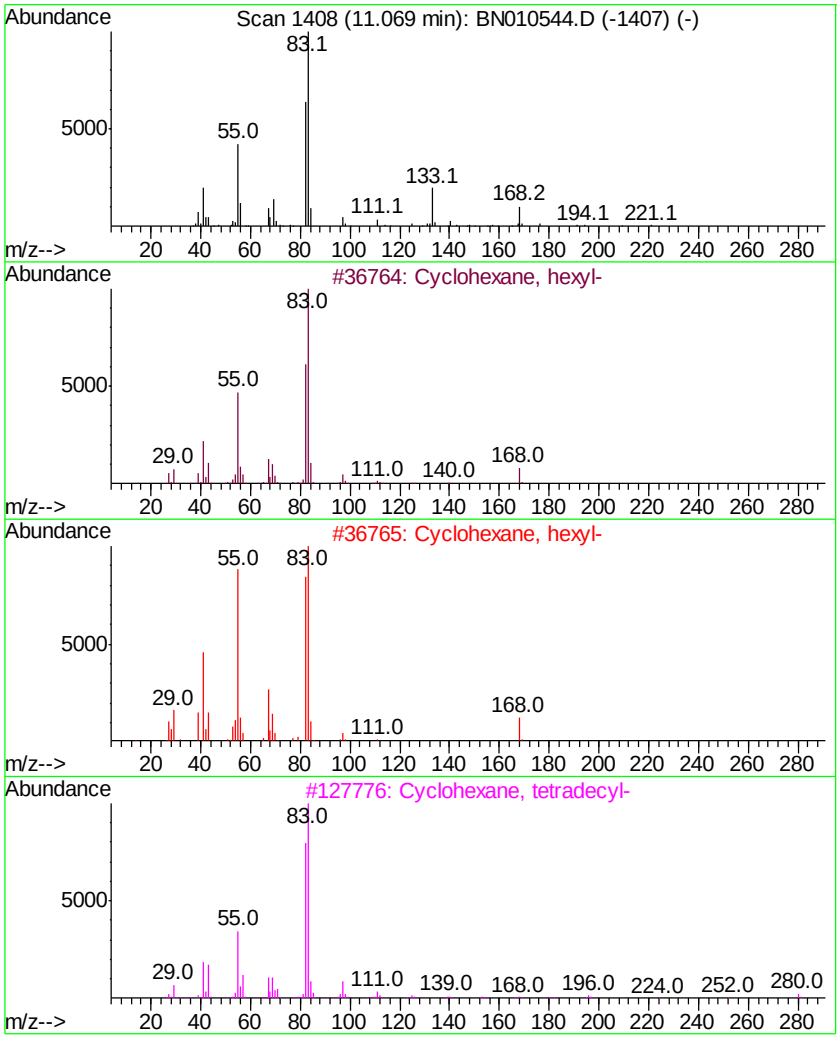
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

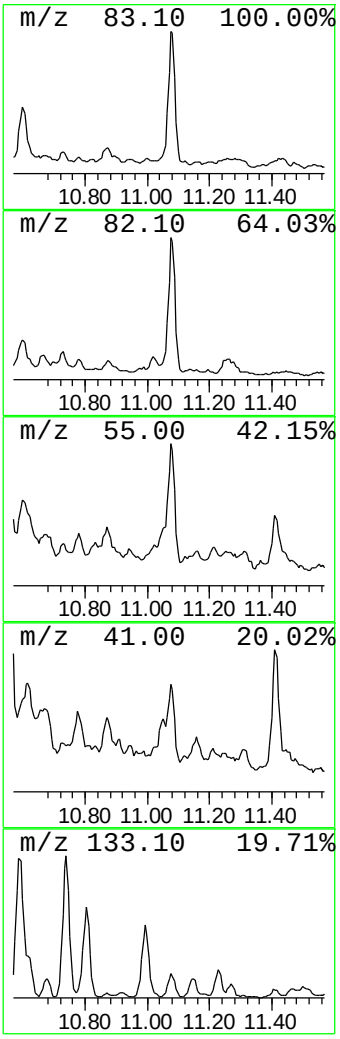
****

Peak Number 55 (DEL) Alkane: Cyclic11.07 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.97 ng/ul	1885230	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	87
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	87
3	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	72
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

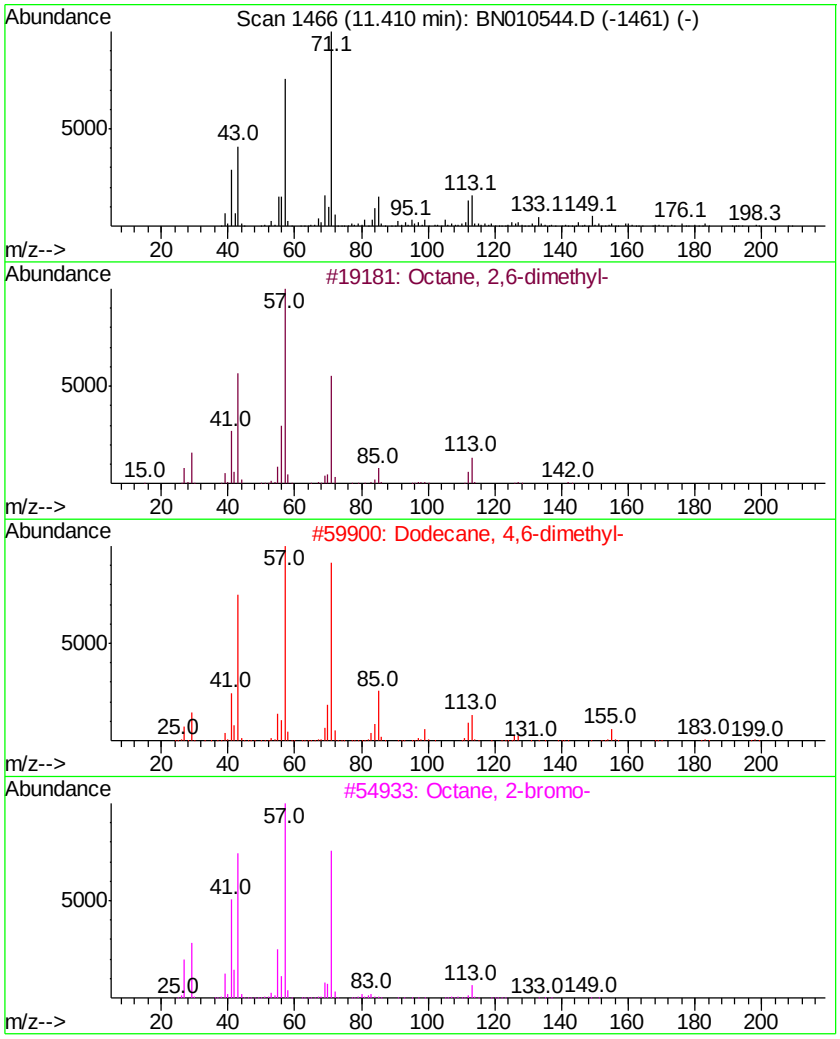
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

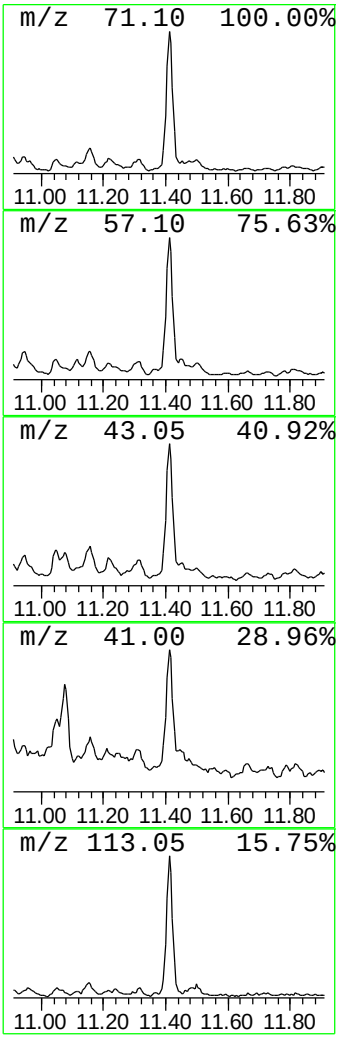
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	4.65 ng/ul	2954640	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53
4	Octane, 4-bromo-	192	C8H17Br	000999-06-4	53
5	Succinic acid, nonyl tetrahydrof...	328	C18H32O5	1000329-86-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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

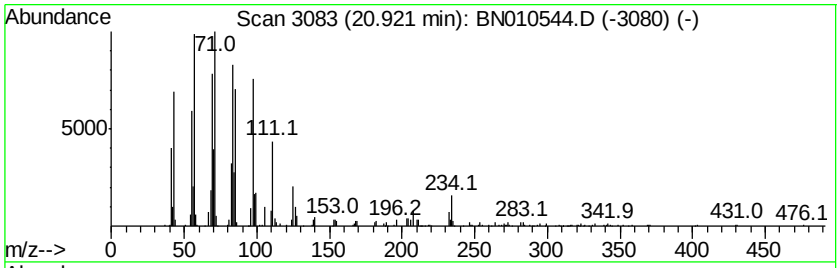
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

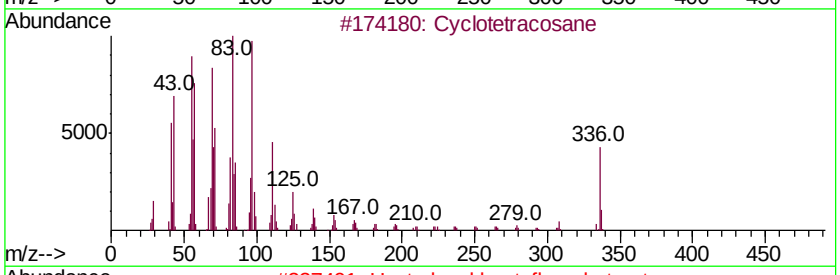
****

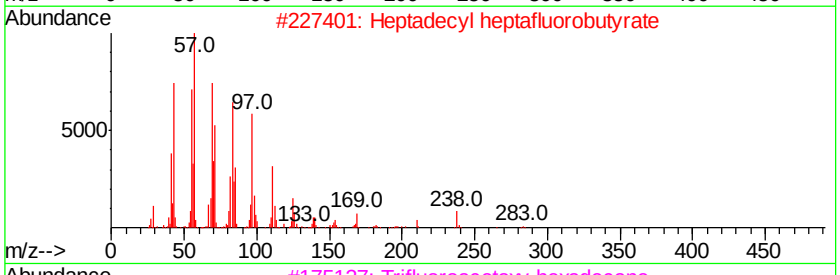
Peak Number 68 (DEL) Alkane: Cyclic20.92 Concentration Rank 59

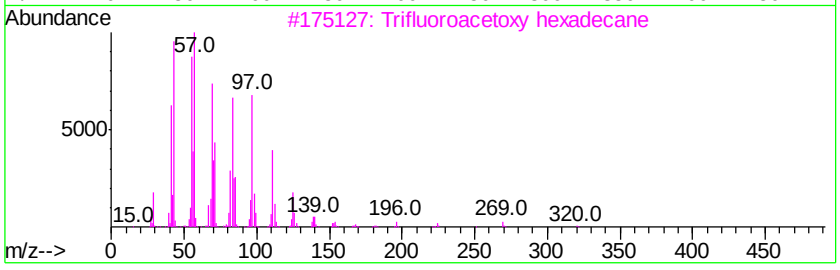
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	4.23 ng/ul	2778510	Chrysene-d12	21.17

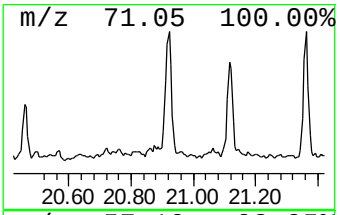
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	86
4	1-Hexadecanol	242	C16H34O	036653-82-4	80
5	Cyclooctacosane	392	C28H56	000297-24-5	72

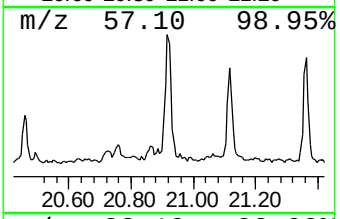


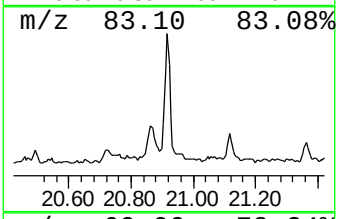


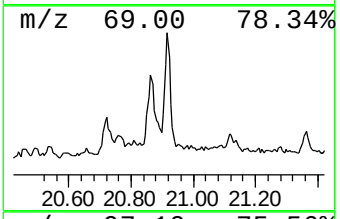


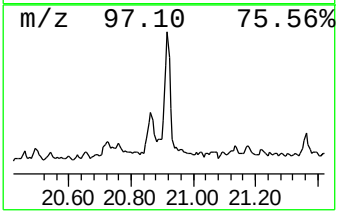












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041620\
Data File : BN010544.D
Acq On : 17 Apr 2020 07:51
Operator : CG/JU
Sample : L2176-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG2J0

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...	4.88	4.6	ng/ul	4658630	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	5.10	4.9	ng/ul	4937950	1	7.60	20186900	20.0
3-Cyclopentyl-1-p...	5.36	2.1	ng/ul	2165550	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	5.46	3.1	ng/ul	3091810	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	5.53	5.3	ng/ul	5340760	1	7.60	20186900	20.0
(DEL) Alkane: Str...	5.61	6.2	ng/ul	6250810	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	5.68	6.1	ng/ul	6117770	1	7.60	20186900	20.0
unknown-01	5.75	3.7	ng/ul	3751310	1	7.60	20186900	20.0
Sulfurous acid, c...	5.93	20.7	ng/ul	20928000	1	7.60	20186900	20.0
(DEL) Alkane: Str...	6.05	5.2	ng/ul	5233530	1	7.60	20186900	20.0
unknown-02	6.14	17.1	ng/ul	17282100	1	7.60	20186900	20.0
(DEL) Alkane: Str...	6.21	9.7	ng/ul	9738330	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	6.28	21.3	ng/ul	21484500	1	7.60	20186900	20.0
(DEL) Alkane: Str...	6.32	16.0	ng/ul	16146100	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	6.40	2.8	ng/ul	2837110	1	7.60	20186900	20.0
unknown-03	6.45	8.6	ng/ul	8653250	1	7.60	20186900	20.0
(DEL) Alkane: Str...	6.52	12.7	ng/ul	12833500	1	7.60	20186900	20.0
3,4-Octadiene, 7-...	6.61	10.2	ng/ul	10305100	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	6.73	4.9	ng/ul	4953050	1	7.60	20186900	20.0
2,6-Dimethylbicyc...	7.01	10.4	ng/ul	10480100	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	7.05	5.3	ng/ul	5394910	1	7.60	20186900	20.0
Pentalene, octahy...	7.31	12.5	ng/ul	12649200	1	7.60	20186900	20.0
2-Pyrazoline, 1-i...	7.34	7.9	ng/ul	8013100	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	7.39	2.8	ng/ul	2814880	1	7.60	20186900	20.0
unknown-04	7.44	11.2	ng/ul	11338400	1	7.60	20186900	20.0
unknown-05	7.52	6.8	ng/ul	6874380	1	7.60	20186900	20.0
(DEL) Alkane: Str...	7.69	8.6	ng/ul	8680640	1	7.60	20186900	20.0
p-Cymene	7.75	6.5	ng/ul	6529860	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	7.81	10.5	ng/ul	10592900	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	7.90	24.0	ng/ul	24260900	1	7.60	20186900	20.0
(DEL) Alkane: Cyc...	7.97	5.8	ng/ul	5864360	1	7.60	20186900	20.0
1-Dodecanol, 2-oc...	8.06	5.7	ng/ul	5700750	1	7.60	20186900	20.0
Benzene, 1,2-diet...	8.10	5.8	ng/ul	5812300	1	7.60	20186900	20.0
(DEL) Alkane: Str...	8.17	8.6	ng/ul	8682920	1	7.60	20186900	20.0
Benzene, 1,4-diet...	8.25	3.6	ng/ul	3597110	1	7.60	20186900	20.0
Naphthalene, deca...	8.43	32.2	ng/ul	32493200	1	7.60	20186900	20.0
Oxalic acid, di(c...	8.59	6.1	ng/ul	6193820	1	7.60	20186900	20.0
unknown-06	8.80	14.5	ng/ul	14616100	1	7.60	20186900	20.0
Ethanone, 1-(2,4-...	8.93	17.8	ng/ul	17925900	1	7.60	20186900	20.0
1H-Indene, 2,3-di...	9.05	20.4	ng/ul	12986200	2	10.36	12704600	20.0
unknown-07	9.19	4.6	ng/ul	2913830	2	10.36	12704600	20.0
Benzene, 1,2,3,4-...	9.22	12.0	ng/ul	7643130	2	10.36	12704600	20.0
unknown-08	9.25	15.8	ng/ul	10059300	2	10.36	12704600	20.0
trans-Decalin, 2-...	9.31	32.6	ng/ul	20730000	2	10.36	12704600	20.0
(DEL) Alkane: Str...	9.38	3.3	ng/ul	2117320	2	10.36	12704600	20.0
(DEL) Alkane: Cyc...	9.52	12.8	ng/ul	8096060	2	10.36	12704600	20.0
unknown-09	9.67	6.1	ng/ul	3858040	2	10.36	12704600	20.0
Benzene, 1,2,4,5-...	9.79	22.1	ng/ul	14065100	2	10.36	12704600	20.0
(DEL) Alkane: Str...	10.56	7.7	ng/ul	4904110	2	10.36	12704600	20.0

Benzene, 1-ethyl-...	10.59	4.0	ng/ul	2533010	2	10.36	12704600	20.0
1H-Indene, 2,3-di...	10.68	5.8	ng/ul	3683200	2	10.36	12704600	20.0
(DEL) Alkane: Cyc...	11.07	3.0	ng/ul	1885230	2	10.36	12704600	20.0
(DEL) Alkane: Str...	11.41	4.7	ng/ul	2954640	2	10.36	12704600	20.0
(DEL) Alkane: Cyc...	20.92	4.2	ng/ul	2778510	5	21.17	13130500	20.0

Instrument :
BNA_N
ClientSampleId :
BG2J0