LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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	3.952	138	147	156	rVB4	1307118	3221253	2.14%	0.109%
2	4.122	170	176	180	rBV2	4161184	8077442	5.37%	0.274%
3	4.263	194	200	209	rVB2	1559034	3681912	2.45%	0.125%
4	4.410	220	225	234	rVB	3290457	6585271	4.38%	0.223%
5	4.493	234	239	245	rBV2	1904545	4110616	2.73%	0.139%
6	4.593	251	256	265	rVB	1940025	4401987	2.93%	0.149%
7	4.699	265	274	285	rBV	5312702	11893535	7.91%	0.403%
8	4.793	285	290	297	rBV	4209522	9499593	6.32%	0.322%
9	4.863	297	302	305	rVV4	1693777	3292919	2.19%	0.112%
10	4.910	305	310	315	rVV	6853074	12591076	8.37%	0.427%
11	4.963	315	319	326	rVV2	9617808	18177801	12.09%	0.617%
12	5.122	341	346	355	rVV	5802027	13360201	8.88%	0.453%
13	5.204	355	360	370	rVB	7362924	16700192	11.10%	0.566%
14	5.316	370	379	381	rBV2	1893537	3502962	2.33%	0.119%
15	5.469	396	405	413	rVB4	2743965	8193060	5.45%	0.278%
16	5.569	413	422	429	rBV2	4176447	10492126	6.98%	0.356%
17	5.646	429	435	443	rBV2	6732798	19583192	13.02%	0.664%
18	5.728	443	449	456	rVV	13932326	32488321	21.60%	1.102%
19	5.793	456	460	468	rVB	9281082	20043097	13.33%	0.680%
20	5.869	468	473	481	rVB	5277923	11211548	7.45%	0.380%
21	5.957	481	488	495	rBV2	2046631	5375378	3.57%	0.182%
22	6.057	495	505	517	rBV6	23400801	84151840	55.95%	2.854%
23	6.175	517	525	534	rVB4	11714991	37186593	24.73%	1.261%
24	6.287	534	544	549	rBV4	25754829	74315963	49.41%	2.521%
25	6.363	549	557	561	rVV	22571105	57811473	38.44%	1.961%
26	6.446	561	571	583	rVB7	37660524	150396734	100.00%	5.101%
27	6.551	584	589	594	rVB	8988568	15518631	10.32%	0.526%
28	6.610	594	599	604	rBV3	11223103	20275474	13.48%	0.688%
29	6.687	604	612	619	rVB2	21656073	60524163	40.24%	2.053%
30	6.781	619	628	641	rVB3	21864651	59934851	39.85%	2.033%
31	6.893	641	647	649	rBV3	10704657	20423629	13.58%	0.693%
32	6.946	649	656	672	rVB2	34020907	97221357	64.64%	3.298%
33	7.075	673	678	680	rBV2	4454720	8240250	5.48%	0.280%
34	7.128	681	687	691	rBV3	12198567	24887630	16.55%	0.844%

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Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

35	7.181	692	696	700	rBV2	9061237	16172807	10.75%	0.549%
36	7.298	708	716	722	rBV4	18781062	57518805	38.24%	1.951%
37	7.516	738	753	759	rBV5	23546683	86177967	57.30%	2.923%
38	7.569	759	762	765	rVB	3928999	4630982	3.08%	0.157%
39	7.622	766	771	779	rBV7	10186947	28645815	19.05%	0.972%
40	7.716	780	787	793	rBV6	15791008	50992399	33.91%	1.730%
41	7.816	794	804	808	rVB	43503456	147469974	98.05%	5.002%
42	7.887	808	816	822	rBV4	19036316	50015728	33.26%	1.697%
43	7.951	822	827	831	rBV5	7445162	15835416	10.53%	0.537%
44	8.016	832	838	842	rBV4	19475924	39198596	26.06%	1.330%
45	8.081	842	849	854	rBV3	30890622	92111871	61.25%	3.124%
46	8.169	861	864	871	rVB5	12732761	21750049	14.46%	0.738%
47	8.245	873	877	882	rVV4	9810837	18183197	12.09%	0.617%
48	8.310	883	888	891	rVV2	14575837	30897137	20.54%	1.048%
49	8.345	891	894	908	rVB6	23216069	91855032	61.08%	3.116%
50	8.487	908	918	927	rBV4	14320005	59255034	39.40%	2.010%
51	8.657	941	947	961	rVB7	34693123	99797724	66.36%	3.385%
52	8.787	965	969	976	rBV5	3378137	9137092	6.08%	0.310%
53	8.928	981	993	1001	rVV5	44684810	131431161	87.39%	4.458%
54	9.010	1001	1007	1014	rVV3	34825135	74764086	49.71%	2.536%
55	9.069	1014	1017	1021	rVB2	9443416	13212582	8.79%	0.448%
56	9.145	1021	1030	1040	rBV8	22561359	100007827	66.50%	3.392%
57	9.287	1041	1054	1061	rBV5	20150359	57016376	37.91%	1.934%
58	9.381	1066	1070	1075	rVV5	10731353	25521922	16.97%	0.866%
59	9.445	1075	1081	1091	rVV2	31831203	74355592	49.44%	2.522%
60	9.534	1091	1096	1105	rVB3	18787262	39990186	26.59%	1.356%
61	9.681	1113	1121	1125	rBV5	8848976	21798225	14.49%	0.739%
62	9.728	1125	1129	1133	rVV	21837219	32551890	21.64%	1.104%
63	9.787	1133	1139	1145	rVV5	20676701	42868054	28.50%	1.454%
64	9.845	1147	1149	1159	rVV5	8302420	19676245	13.08%	0.667%
65	9.928	1160	1163	1169	rVB4	2798580	5067296	3.37%	0.172%
66	10.016	1169	1178	1183	rBV2	23255045	46492444	30.91%	1.577%
67	10.057	1183	1185	1198	rVB4	5116428	11918824	7.92%	0.404%
68	10.175	1198	1205	1211	rBV5	5443330	12825290	8.53%	0.435%
69	10.292	1221	1225	1232	rVB2	7936691	14654326	9.74%	0.497%
70	10.369	1232	1238	1241	rBV5	2532352	5351583	3.56%	0.182%
71	10.445	1248	1251	1253	rBV3	2506919	3178712	2.11%	0.108%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5695-04
Misc :
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Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

72	10.481	1253	1257	1260	rVB3	2275830	3865995	2.57%	0.131%
73	10.575	1270	1273	1280	rVB4	5194220	9263868	6.16%	0.314%
74	10.639	1282	1284	1291	rVB4	4111836	6113294	4.06%	0.207%
75	10.739	1291	1301	1306	rVB2	9042122	23060355	15.33%	0.782%
76	10.804	1306	1312	1318	rVB4	2870563	5037151	3.35%	0.171%
77	11.281	1388	1393	1400	rVB5	3018322	5617462	3.74%	0.191%
78	11.492	1424	1429	1436	rVB6	1377090	3303018	2.20%	0.112%
79	11.598	1442	1447	1451	rVV	4417694	6850519	4.55%	0.232%
80	12.698	1627	1634	1643	rVB4	1278007	3294403	2.19%	0.112%
81	12.951	1672	1677	1684	rVB	3445358	5116088	3.40%	0.174%
82	13.763	1809	1815	1820	rVV	2145987	4146864	2.76%	0.141%
83	13.851	1826	1830	1834	rVV	3224597	4861424	3.23%	0.165%
84	13.904	1834	1839	1844	rVB3	4924324	7422793	4.94%	0.252%
85	14.257	1895	1899	1905	rVB	1965008	2967497	1.97%	0.101%
86	15.674	2135	2140	2147	rVB	1900285	3215499	2.14%	0.109%
87	16.157	2216	2222	2227	rBV	4285907	6169792	4.10%	0.209%
88	16.974	2356	2361	2365	rBV	2288890	3389594	2.25%	0.115%
89	17.286	2410	2414	2421	rVB	3167424	4650676	3.09%	0.158%
90	18.292	2580	2585	2591	rVB2	2761751	3876193	2.58%	0.131%
91	18.462	2609	2614	2620	rBV	18841537	25250259	16.79%	0.856%
92	18.657	2641	2647	2655	rVB	28849490	39199773	26.06%	1.330%
93	18.804	2665	2672	2677	rVB	41982147	59365462	39.47%	2.014%
94	18.933	2687	2694	2700	rBV	12935457	18333721	12.19%	0.622%
95	19.298	2750	2756	2761	rVB	32426650	39513373	26.27%	1.340%
96	19.586	2800	2805	2809	rBV	3323891	4727533	3.14%	0.160%
97	20.021	2874	2879	2885	rVB	9341908	10705494	7.12%	0.363%
98	20.774	3002	3007	3017	rBV	3400975	5092812	3.39%	0.173%
99	20.909	3024	3030	3034	rBV	6317961	9163849	6.09%	0.311%
100	21.056	3046	3055	3082	rVB	17363922	34816036	23.15%	1.181%

Sum of corrected areas: 2948091113

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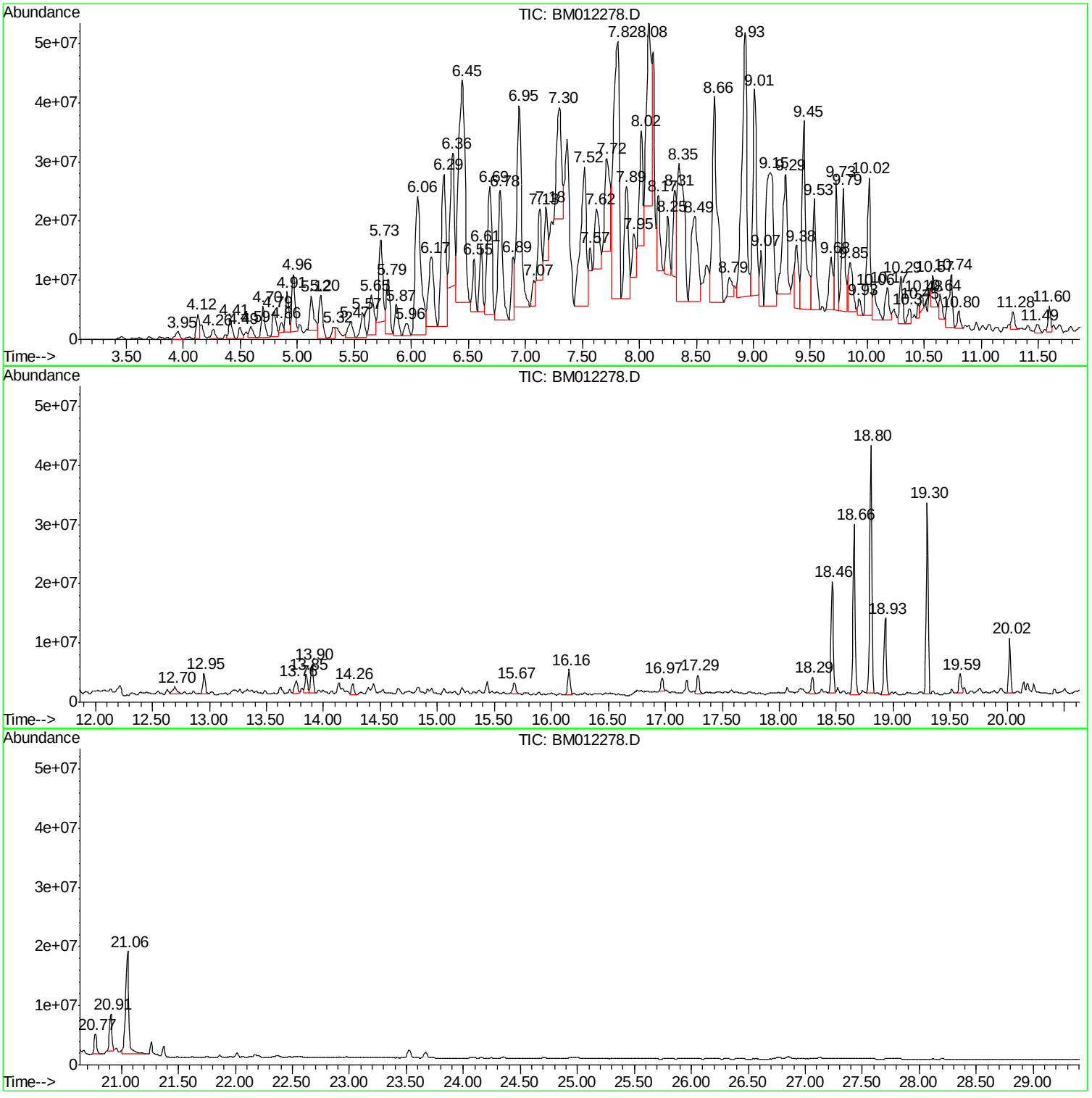
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

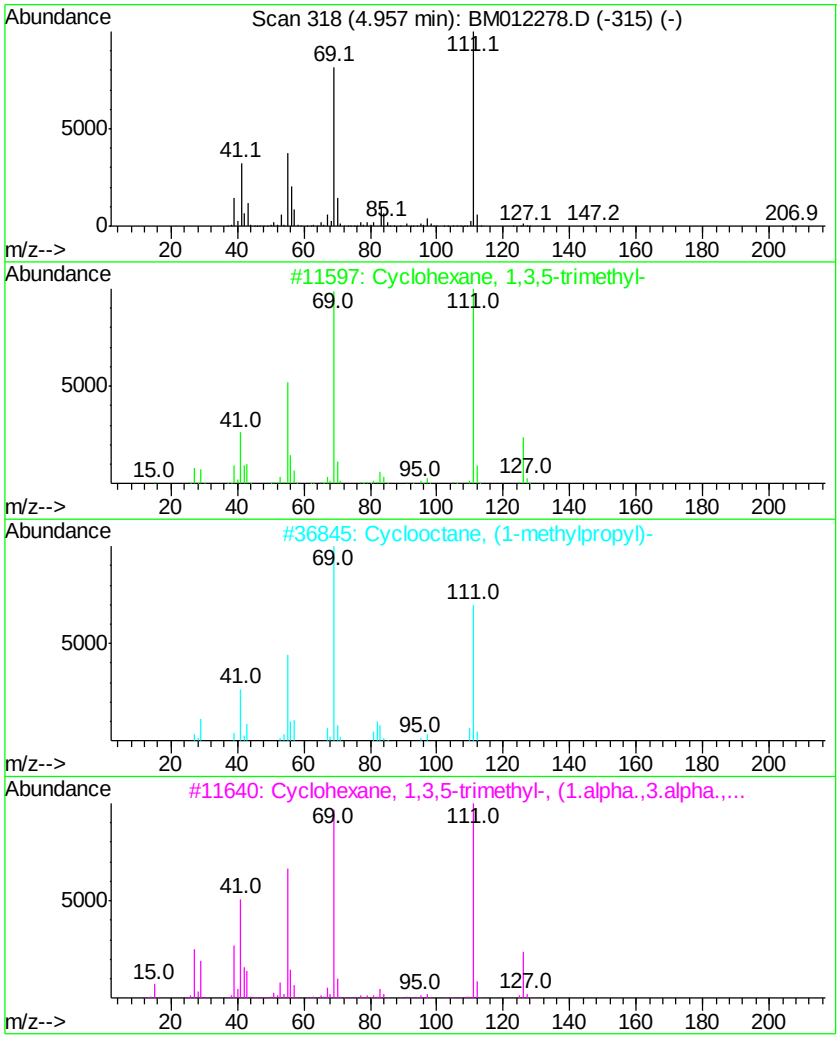
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

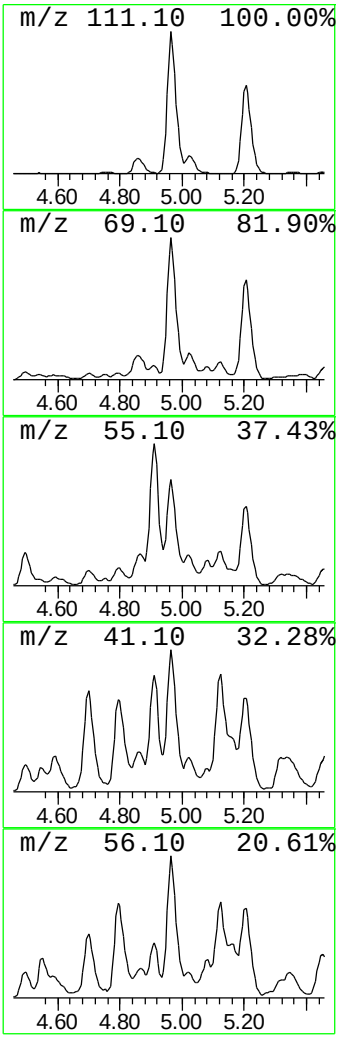
****

Peak Number 1 (DEL) Alkane: Cyclic4.96 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	2.47 ng/ul	18177800	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
2	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	56
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
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Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

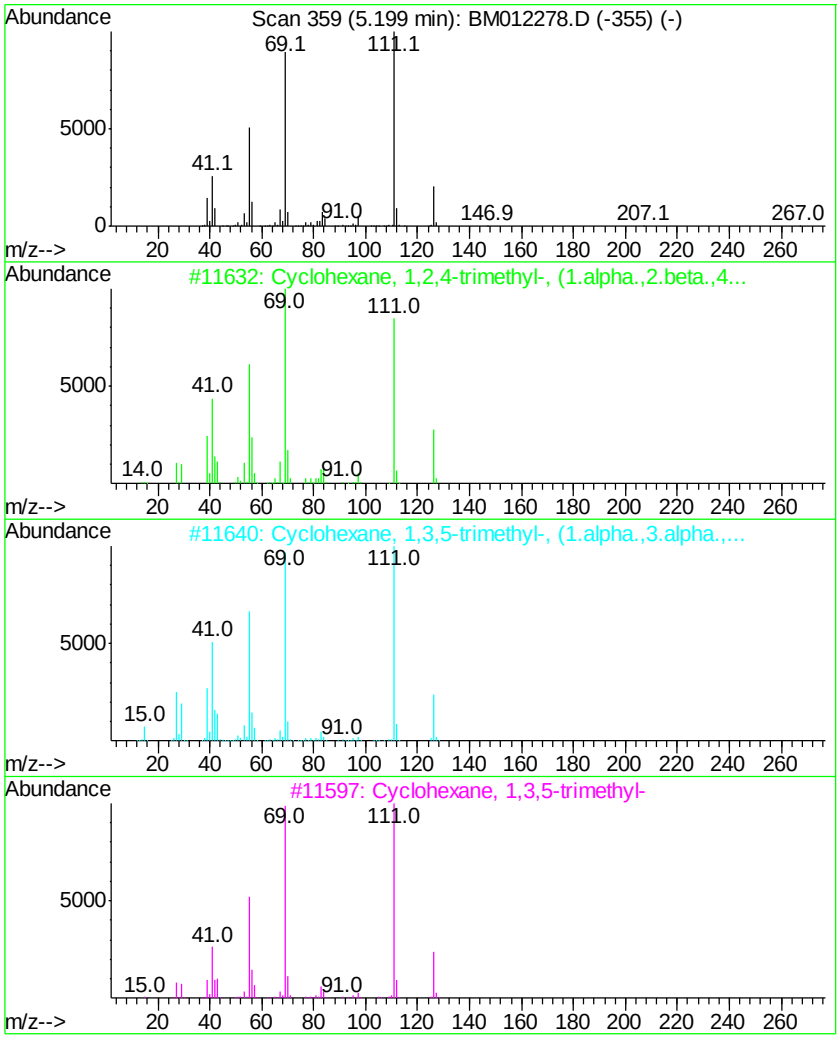
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

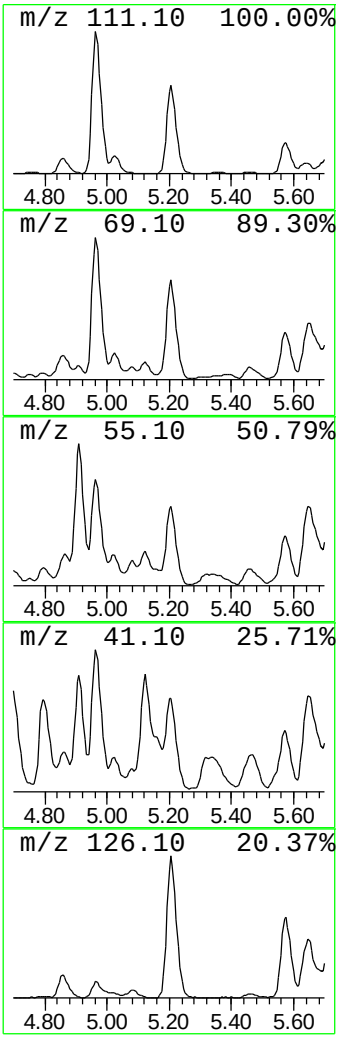
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic5.20 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	2.26 ng/ul	16700200	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	76
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	74
5	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	72





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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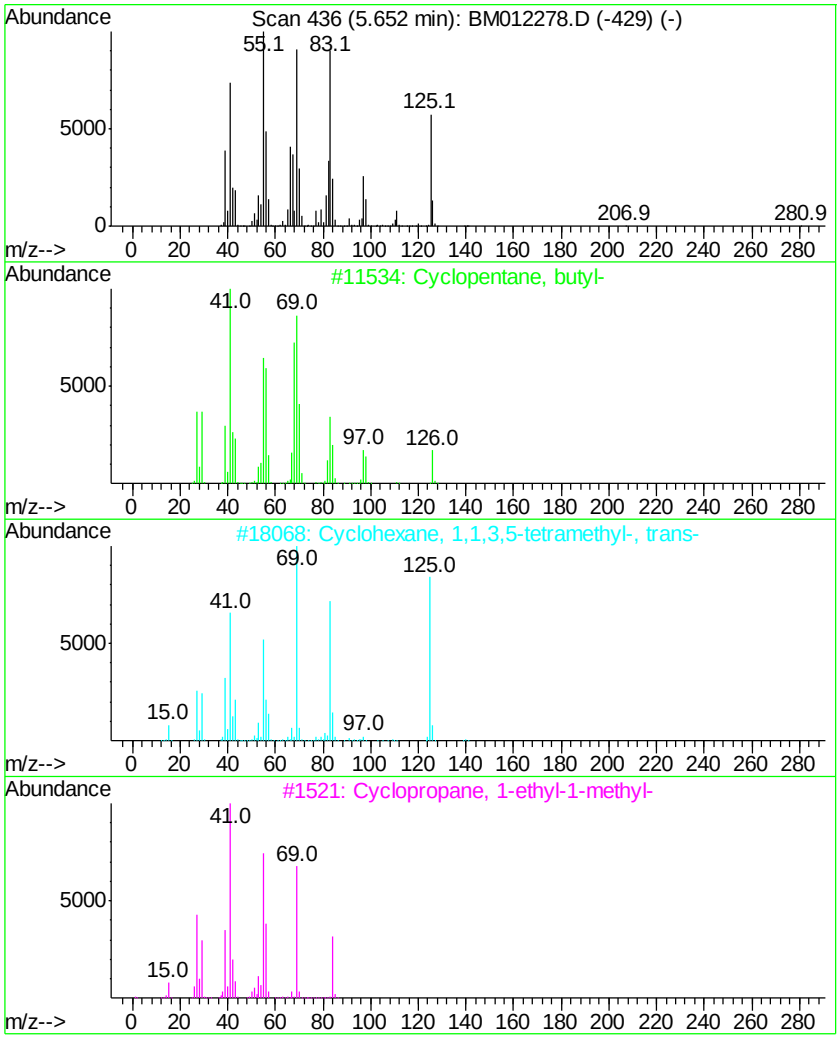
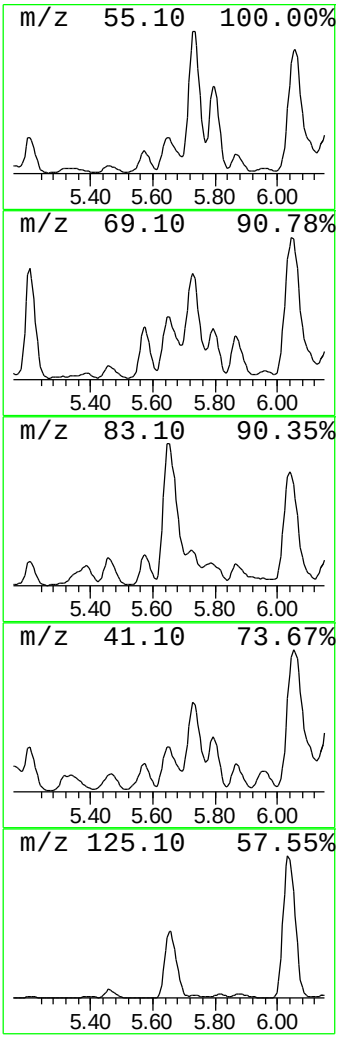
****
Peak Number 3 (DEL) Alkane: Cyclic5.65 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	2.66 ng/ul	19583200	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	38
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	35
3	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	35
4	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	35
5	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	20





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

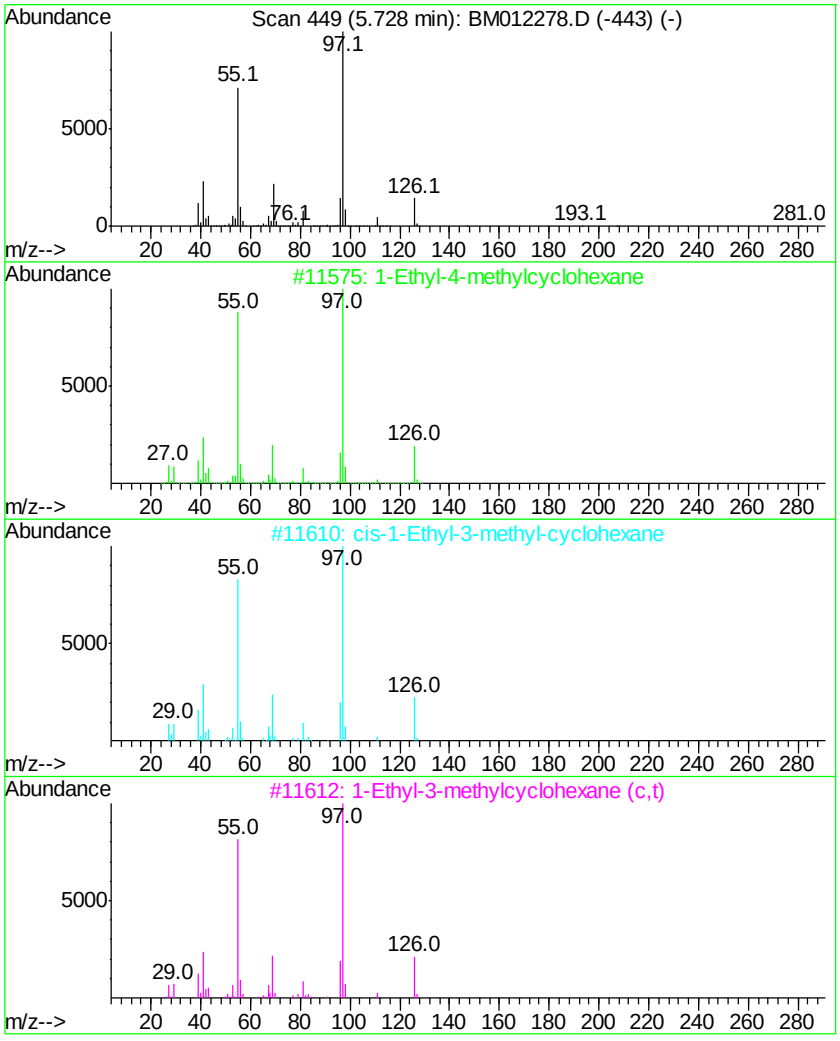
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

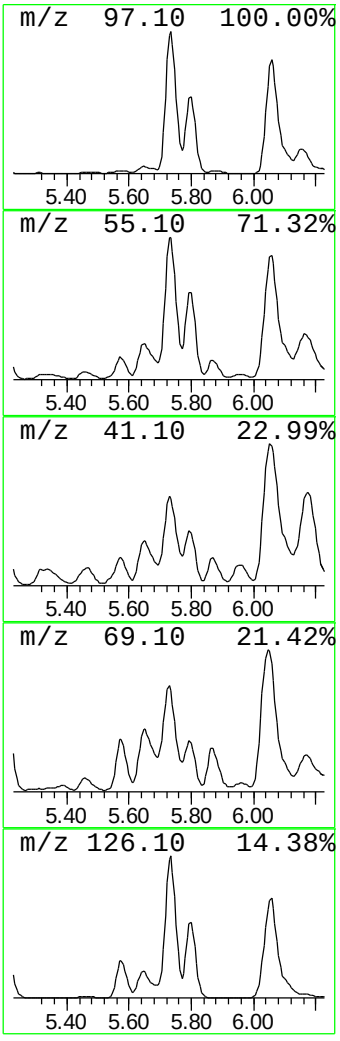
****

Peak Number 4 (DEL) Alkane: Cyclic5.73 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	4.41 ng/ul	32488300	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

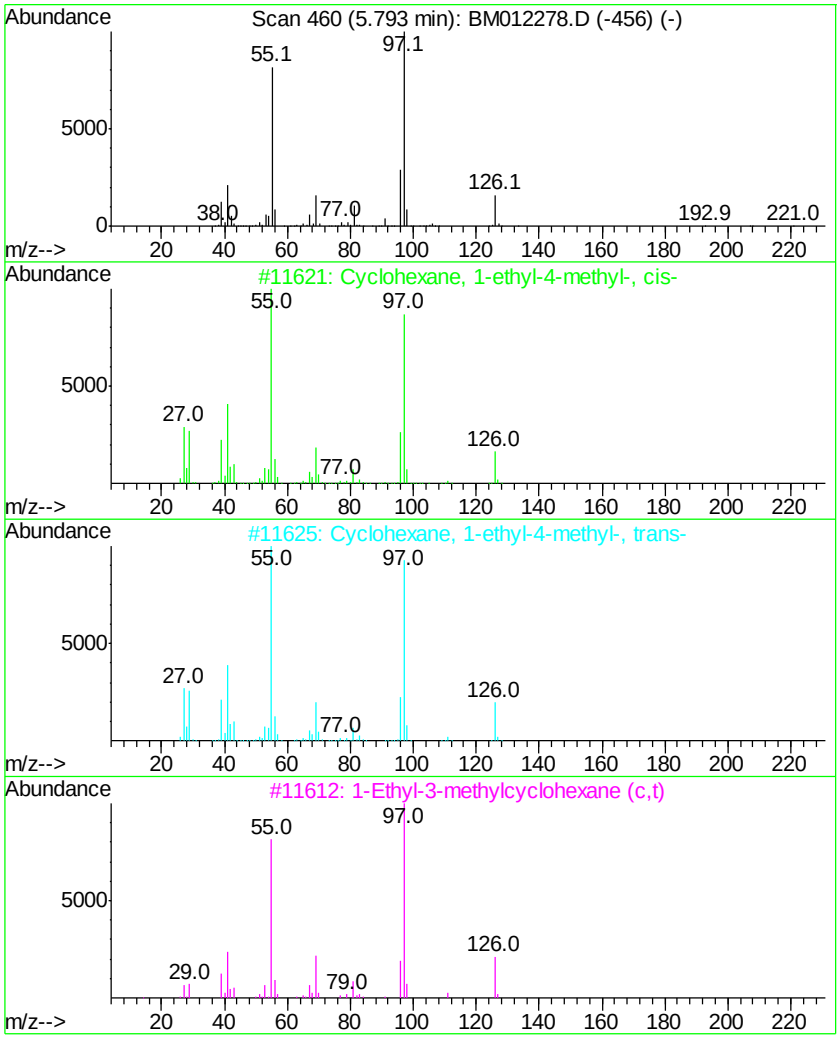
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

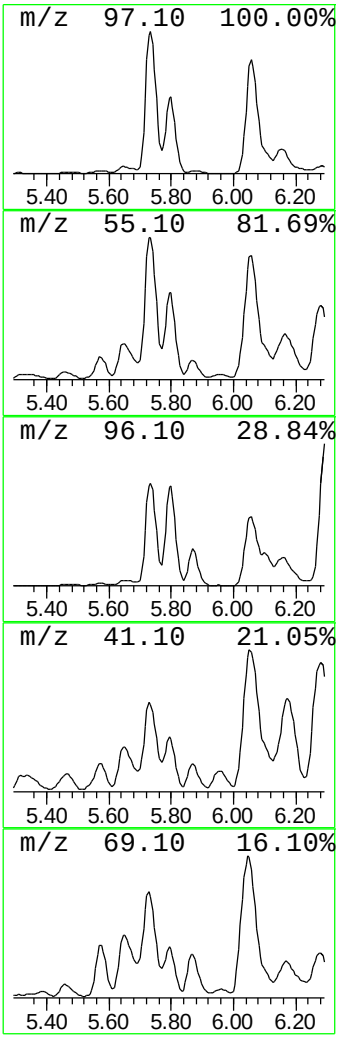
****

Peak Number 5 (DEL) Alkane: Cyclic5.79 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	2.72 ng/ul	20043100	1,4-Dichlorobenzene-d4	7.81

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	006236-88-0	91
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72





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Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

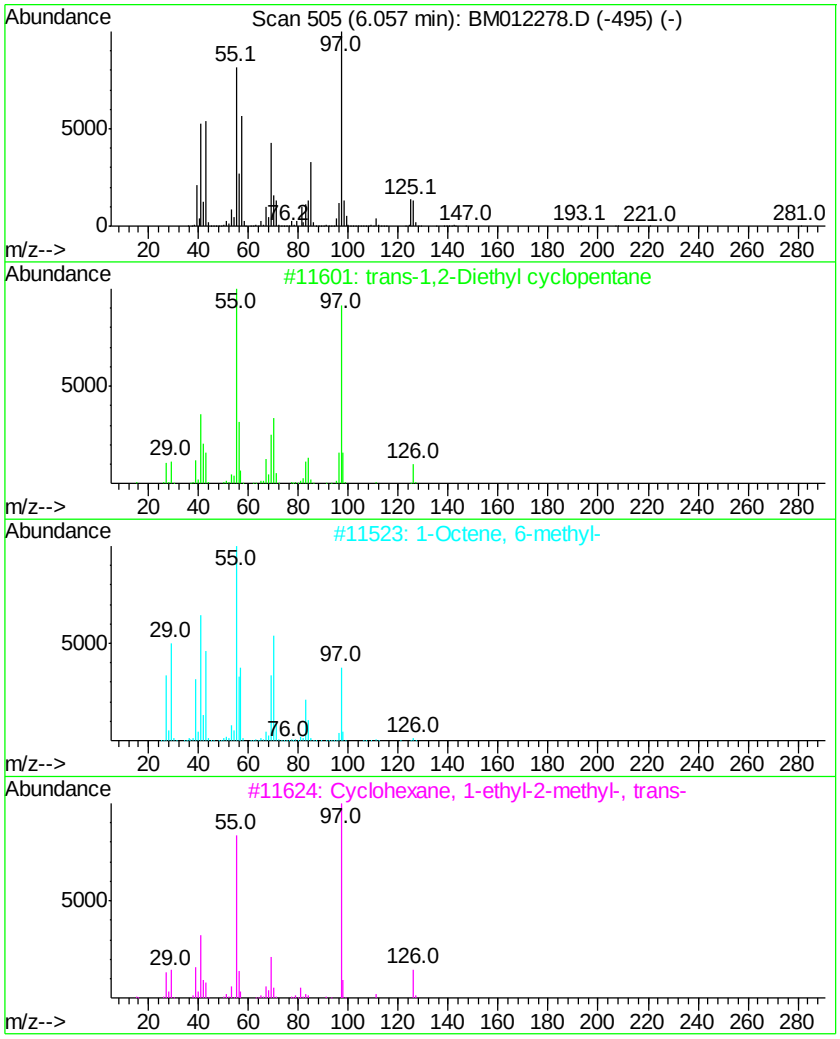
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

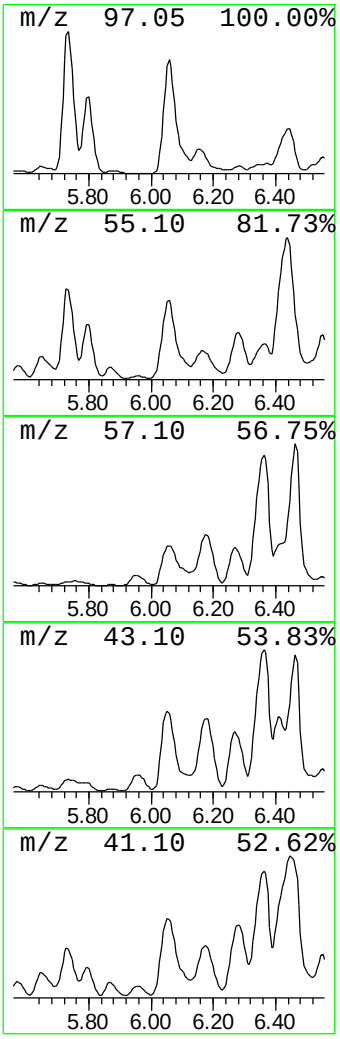
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic6.06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	11.41 ng/ul	84151800	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	81
2	1-Octene, 6-methyl-	126	C9H18	013151-10-5	68
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	62
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53





Library Search Compound Report

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Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

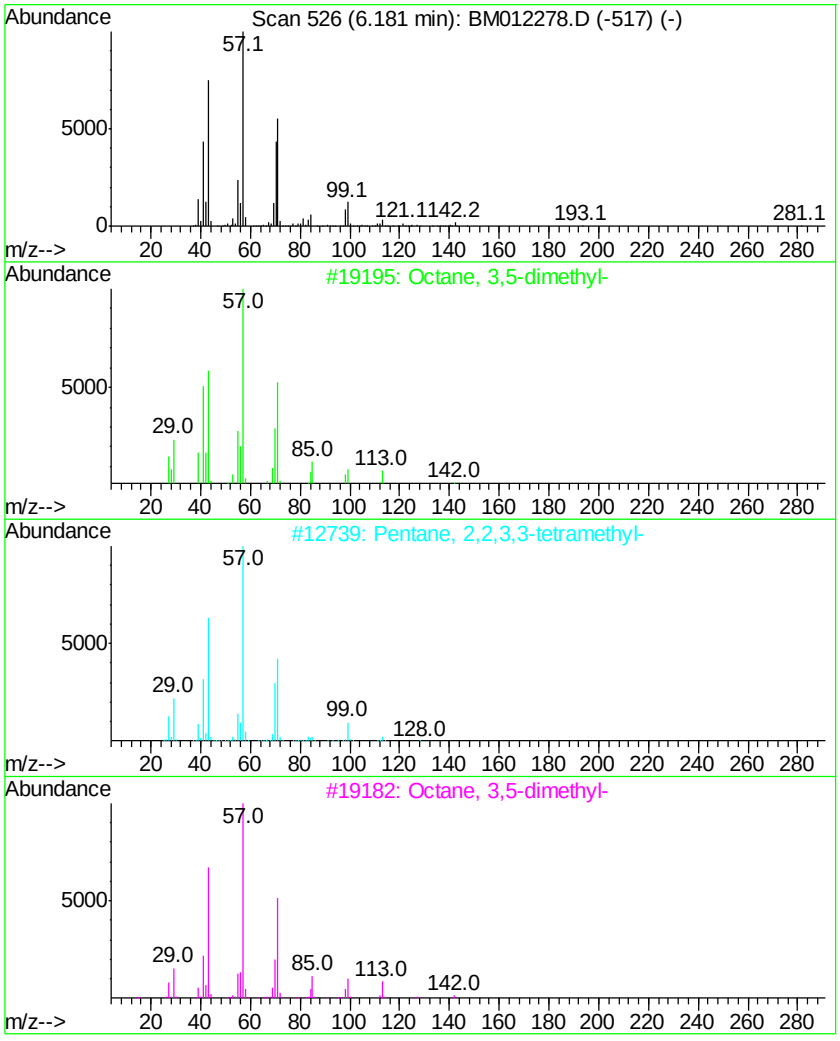
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

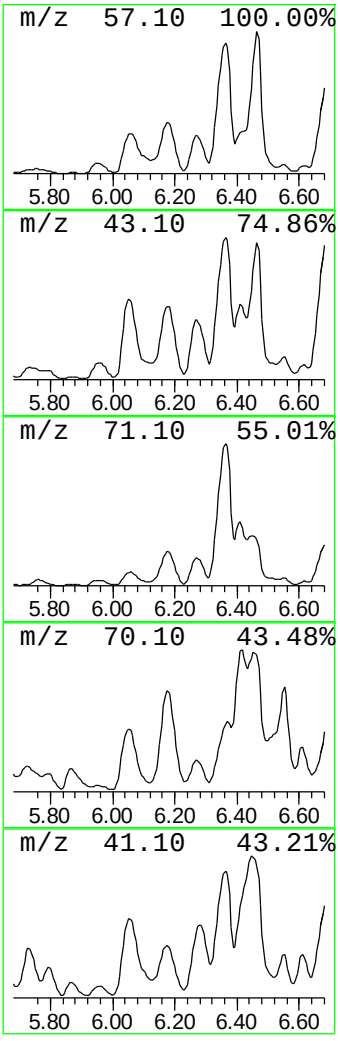
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	5.04 ng/ul	37186600	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	70
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	64





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Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

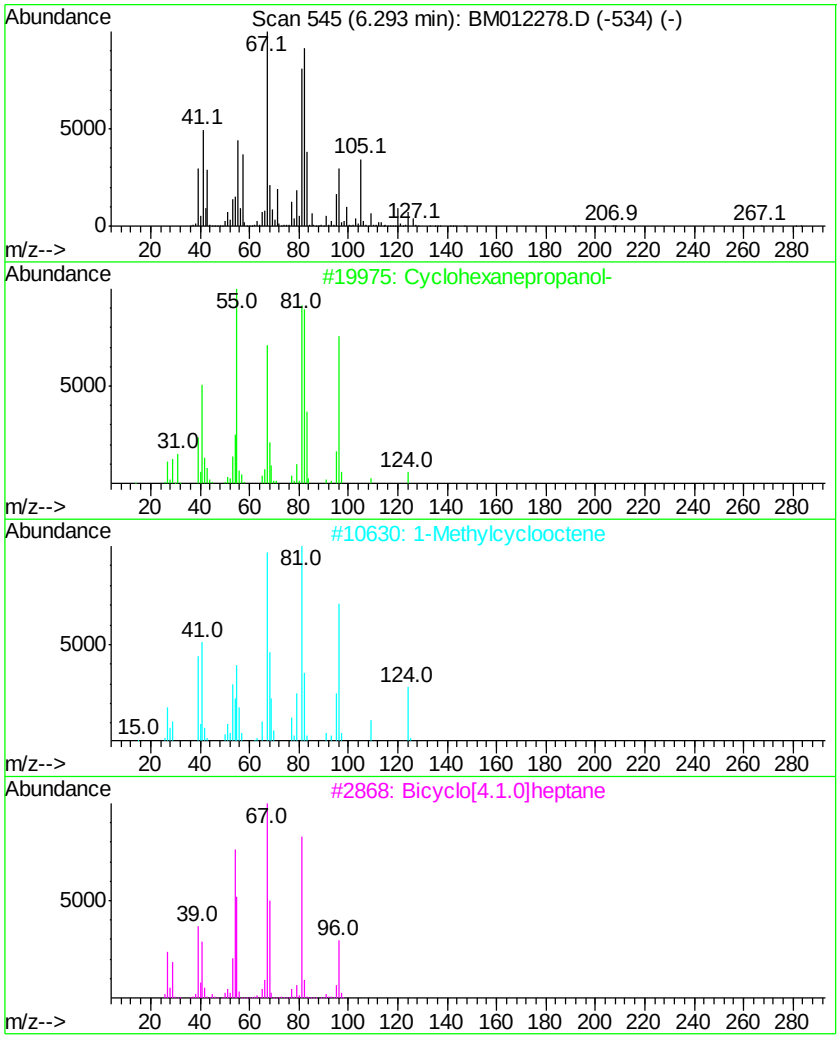
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

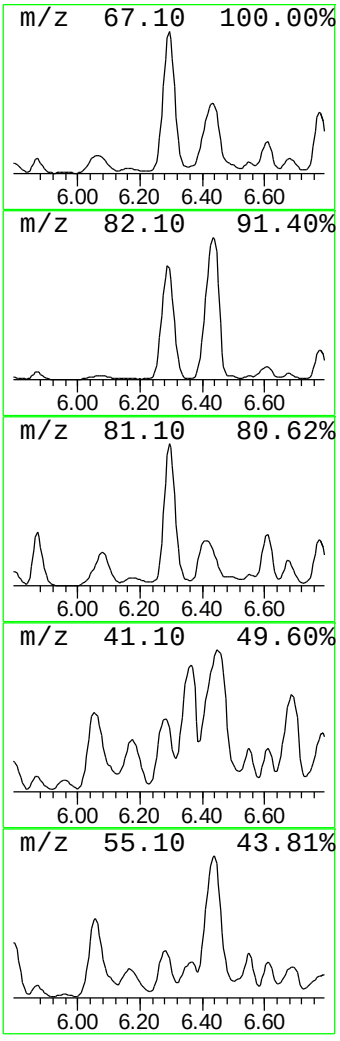
****

Peak Number 8 Cyclohexanepropanol- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	10.08 ng/ul	74316000	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanepropanol-	142	C9H18O	001124-63-6	58
2	1-Methylcyclooctene	124	C9H16	000933-11-9	46
3	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	46
4	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	43
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	42





Library Search Compound Report

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Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	7.84 ng/ul	57811500	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
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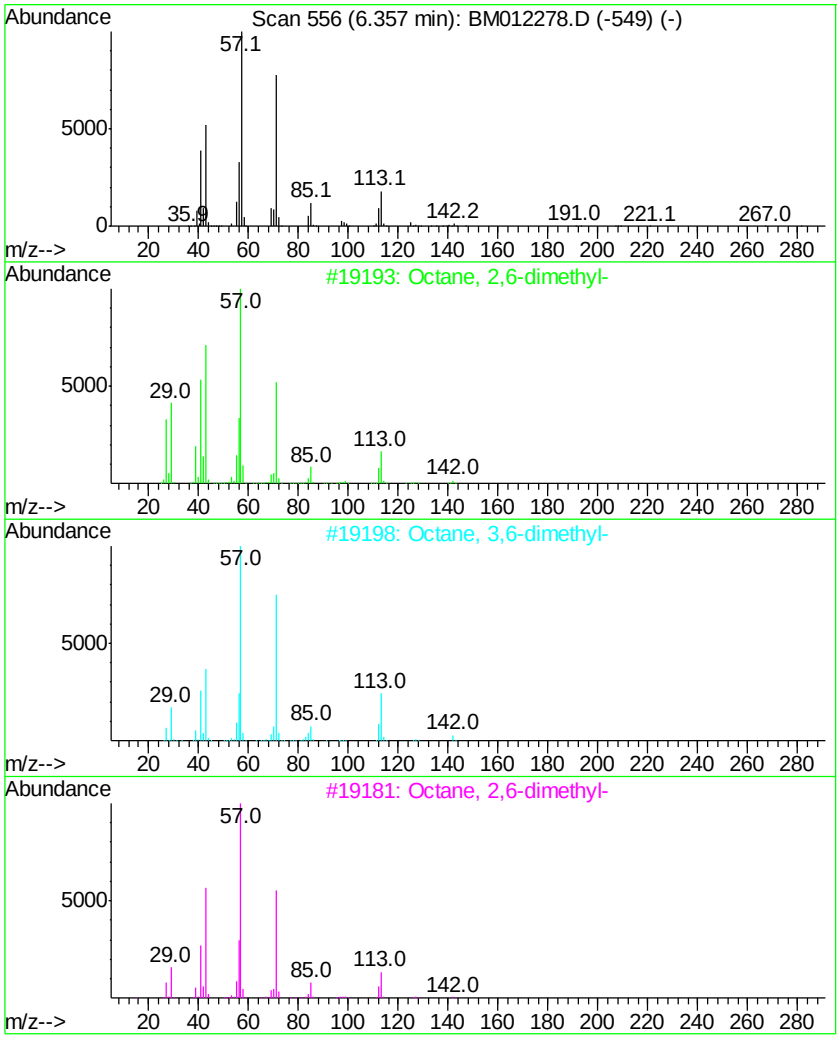

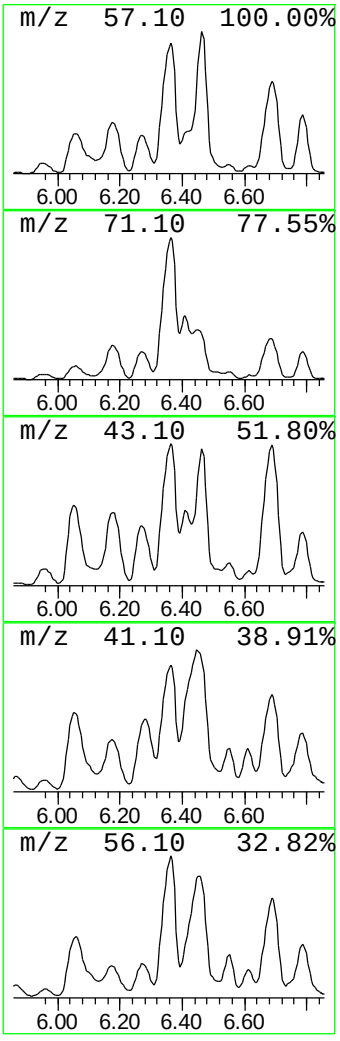

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Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

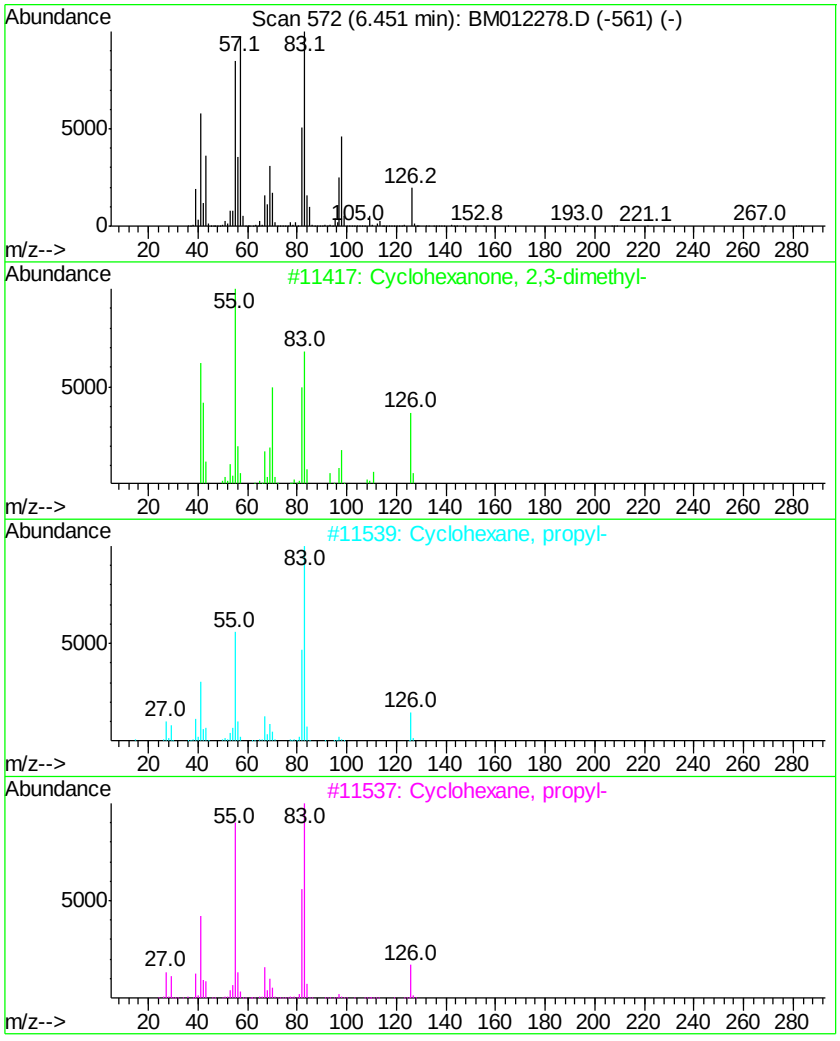
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

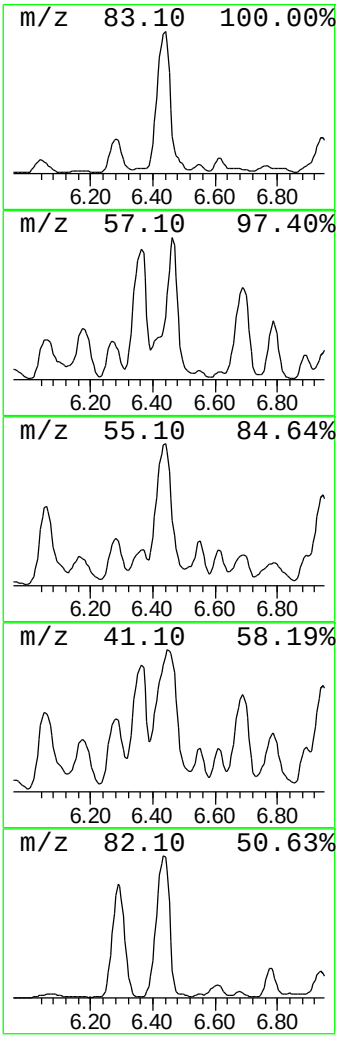
****

Peak Number 10 Cyclohexanone, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	20.40 ng/ul	150397000	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	83
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	68
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Library Search Compound Report

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Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

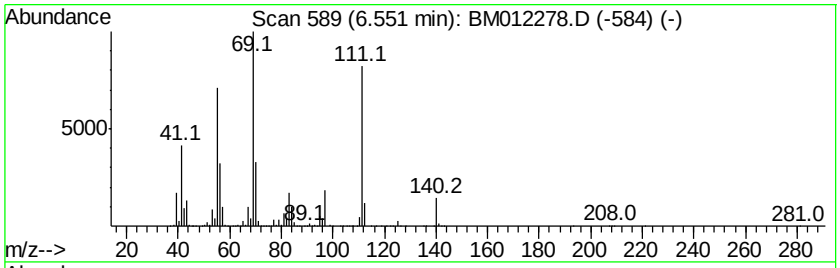
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

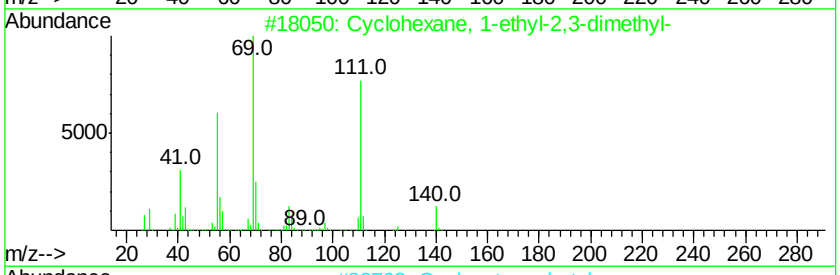
****

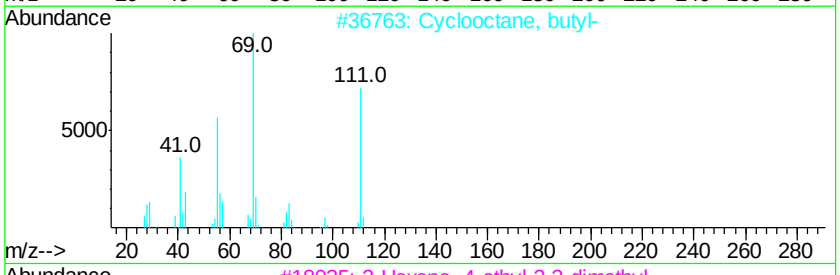
Peak Number 11 (DEL) Alkane: Cyclic6.55 Concentration Rank 61

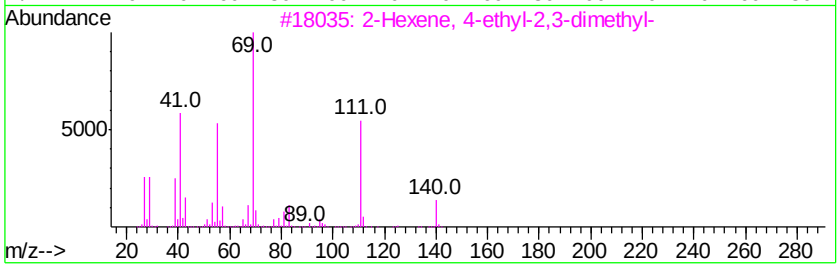
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	2.10 ng/ul	15518600	1,4-Dichlorobenzene-d4	7.81

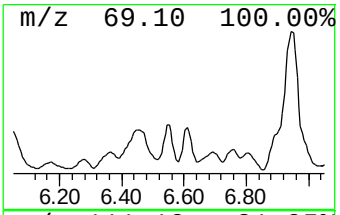
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	90
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	72
3	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	64
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
5	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	43

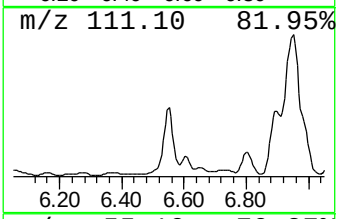


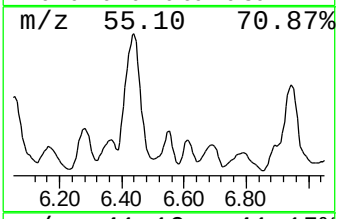


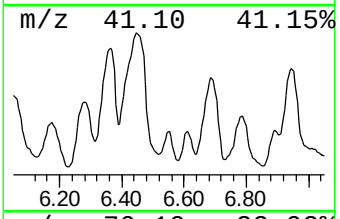


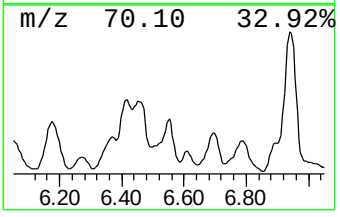












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Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

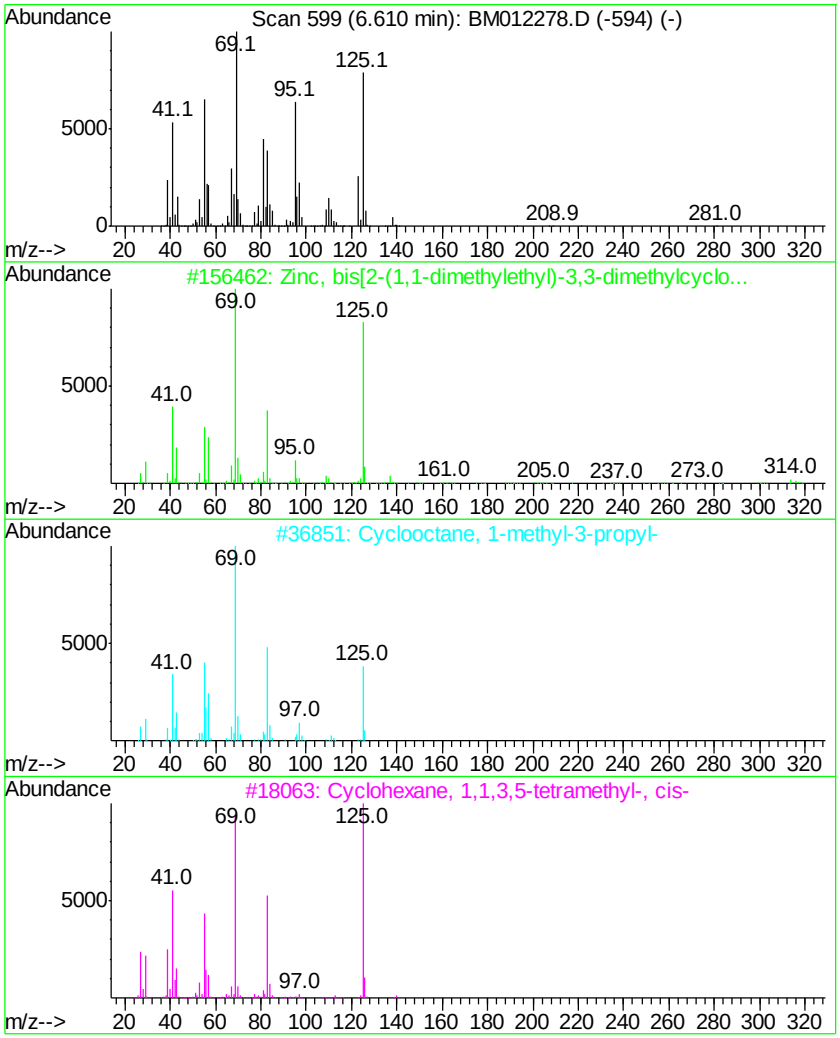
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

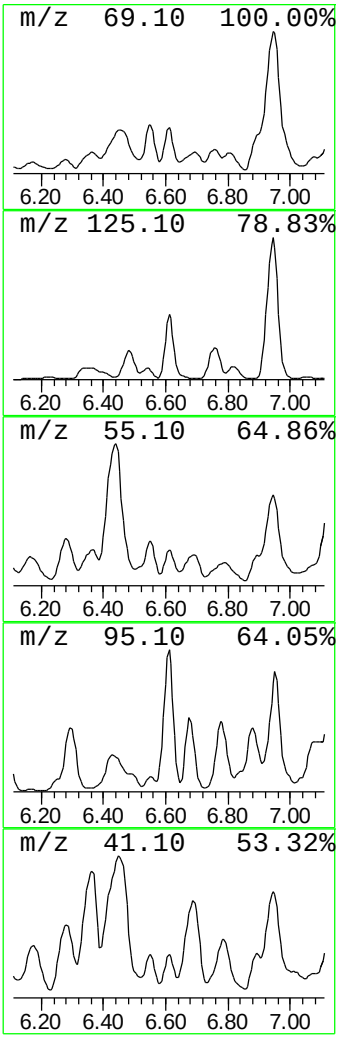
****

Peak Number 12 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	2.75 ng/ul	20275500	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	30





Library Search Compound Report

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Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

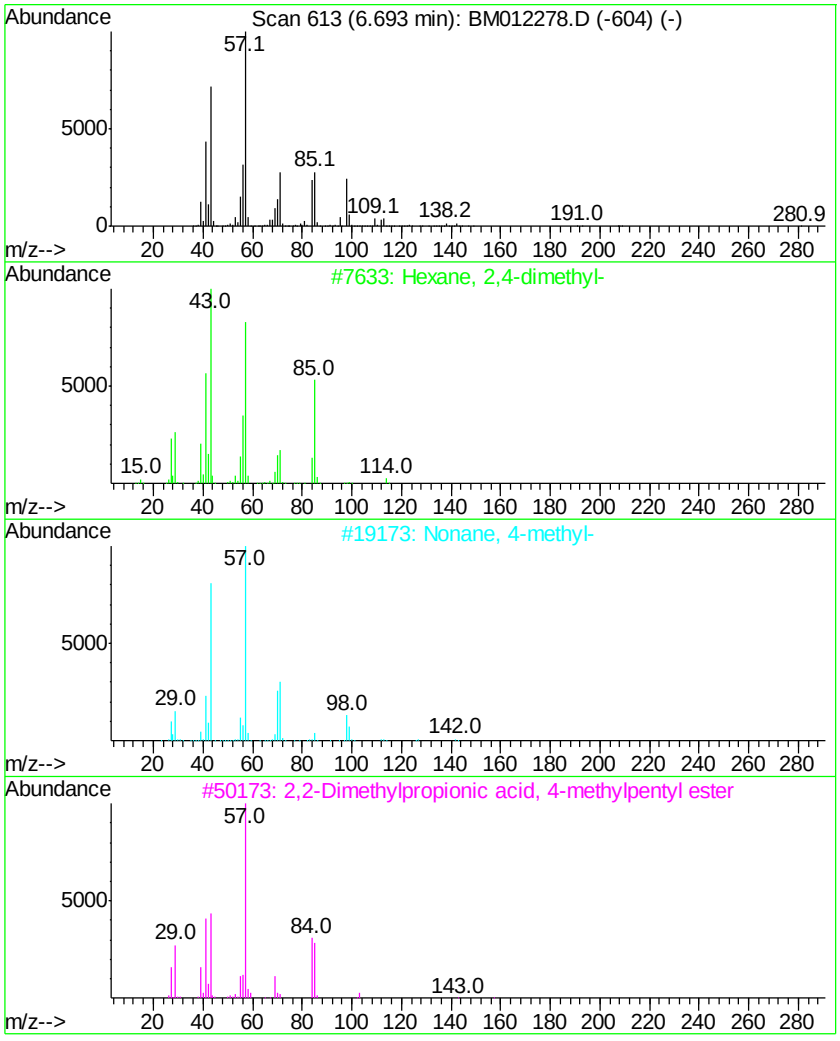
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

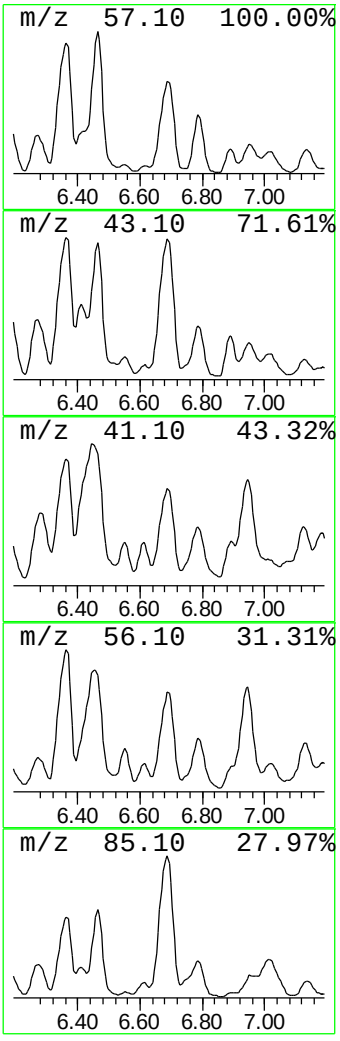
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	8.21 ng/ul	60524200	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	38
3	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	38
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	38
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38





Library Search Compound Report

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Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

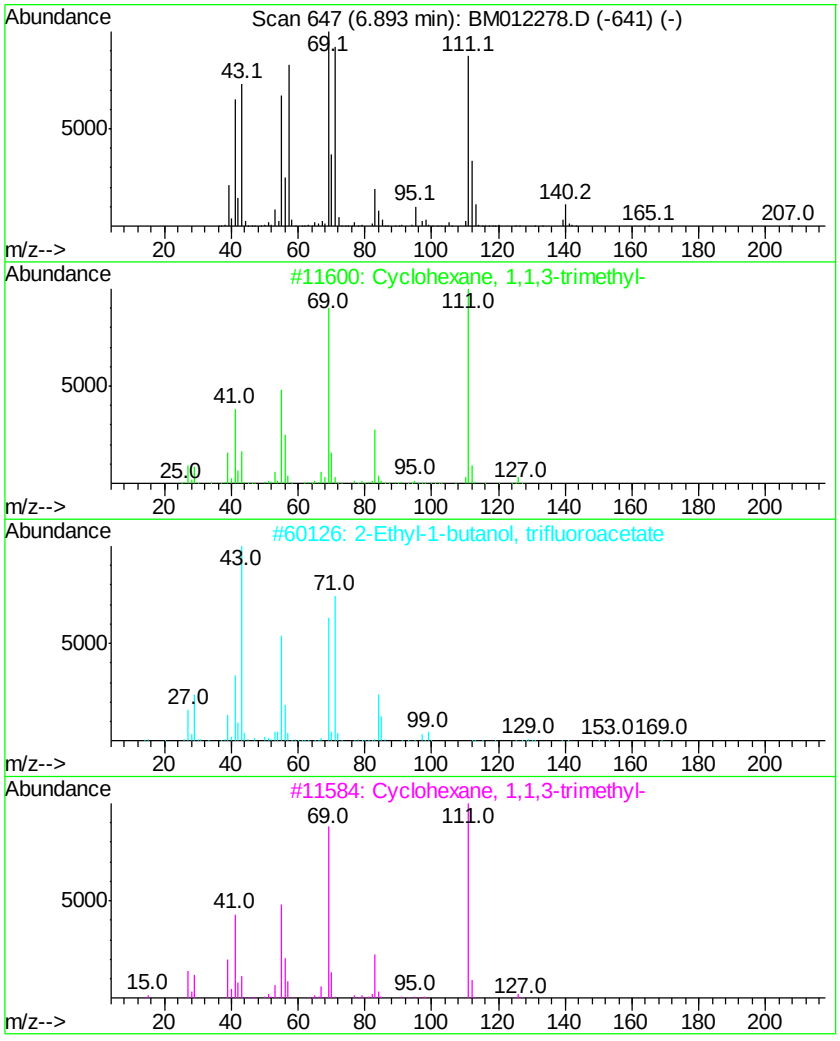
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

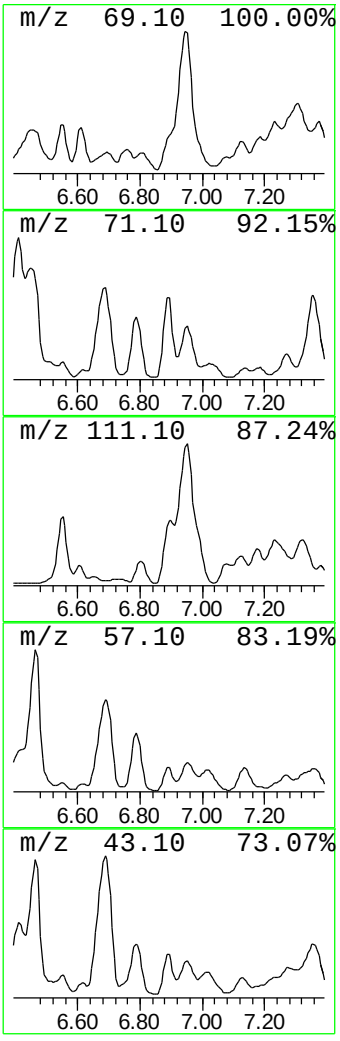
****

Peak Number 15 (DEL) Alkane: Cyclic6.89 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	2.77 ng/ul	20423600	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	43
2	2-Ethyl-1-butanol, trifluoroacetate	198	C8H13F3O2	1000352-36-4	43
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	43
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	41
5	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	38





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Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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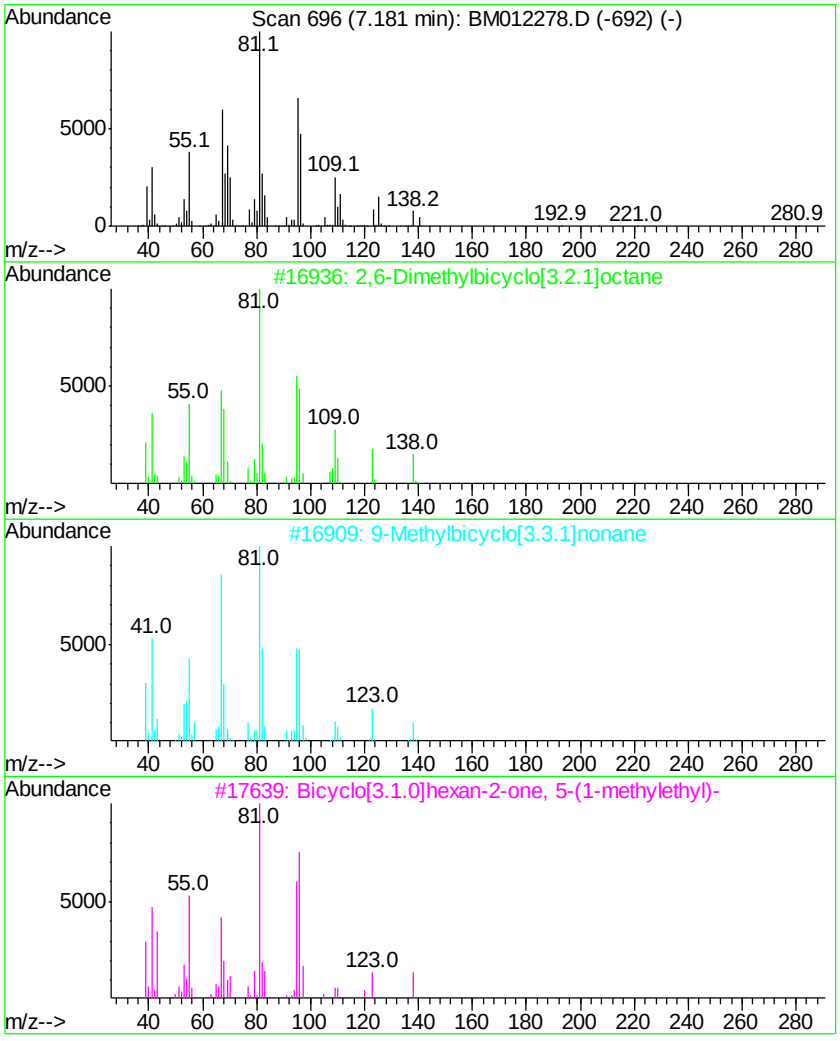
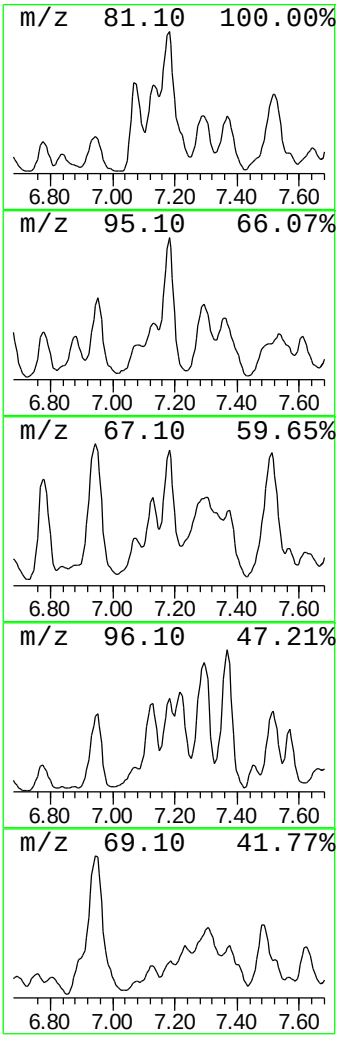
Peak Number 16 2,6-Dimethylbicyclo[3.2.1]o... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	2.19 ng/ul	16172800	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	83
2	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	64
3	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	64
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	52
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49





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Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

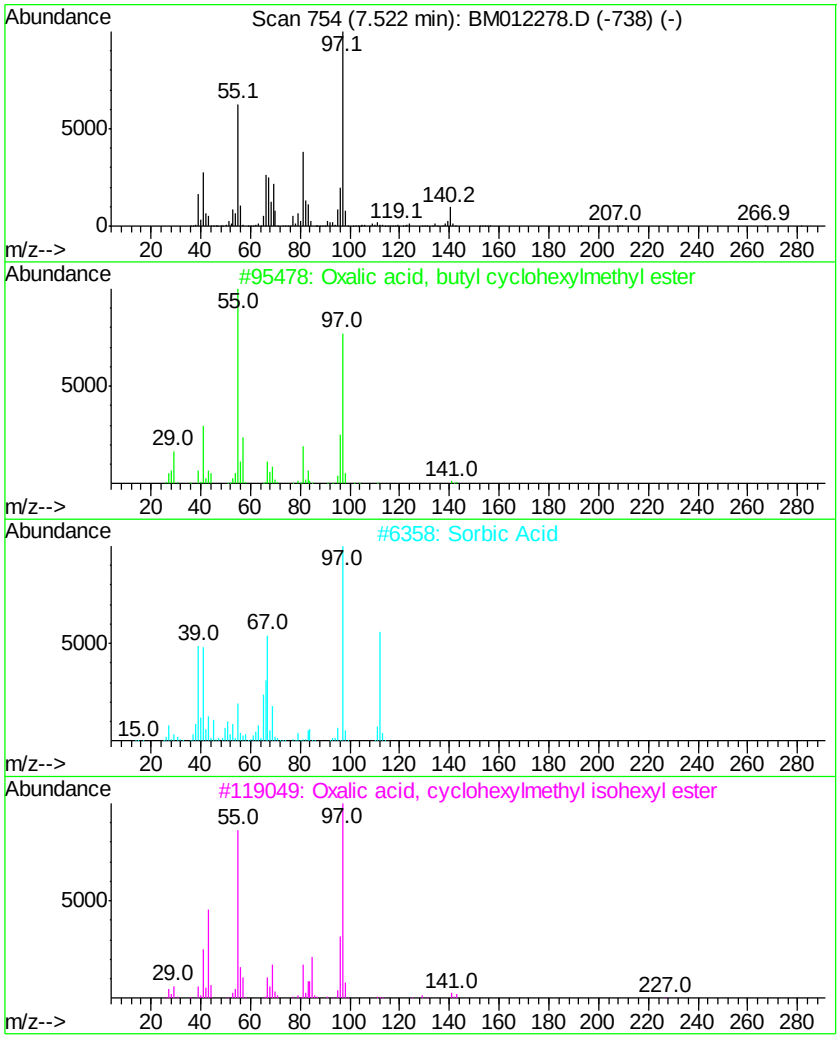
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

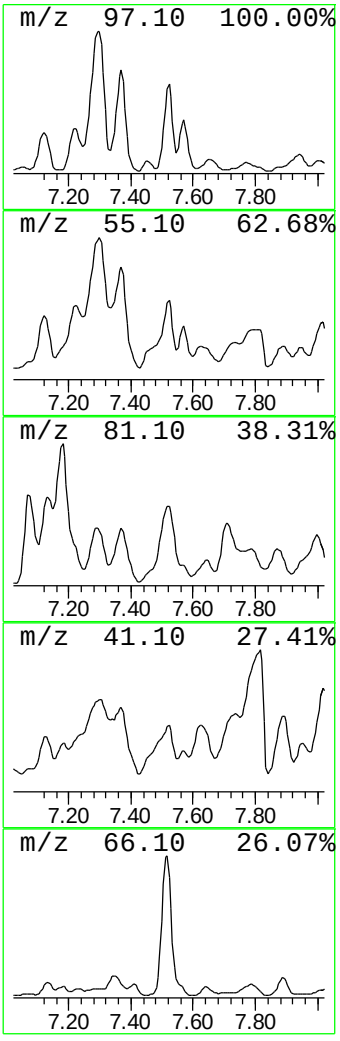
****

Peak Number 17 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	11.69 ng/ul	86178000	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	43
2	Sorbic Acid	112	C6H8O2	000110-44-1	40
3	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	38
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38
5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	38





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Operator : SJ/JU
Sample : I5695-04
Misc :
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Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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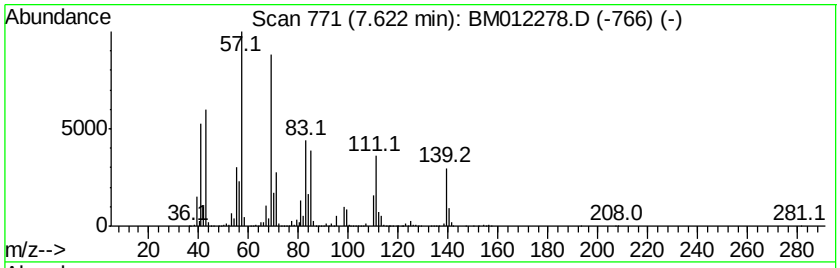
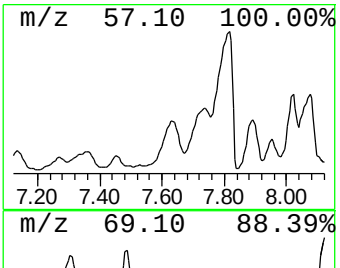
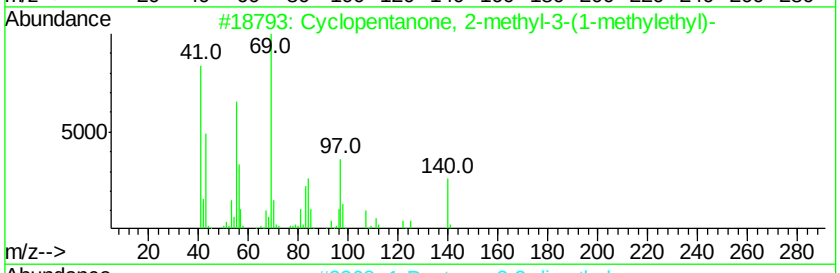
Peak Number 18 unknown-02 Concentration Rank 49

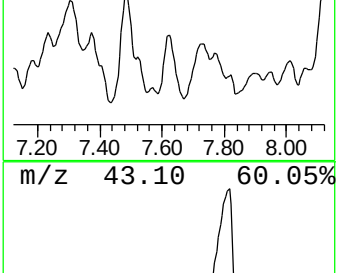
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.88 ng/ul	28645800	1,4-Dichlorobenzene-d4	7.81

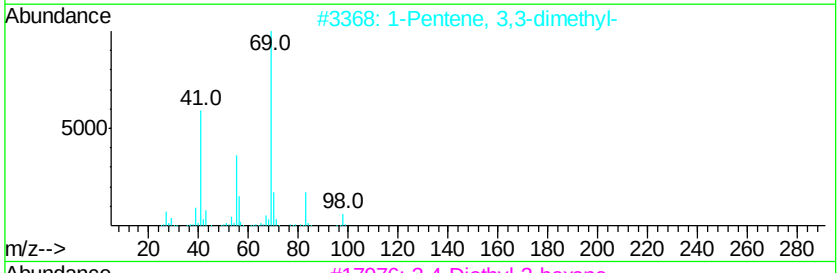
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	38
2	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	30
3	3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	30
4	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	25
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	22

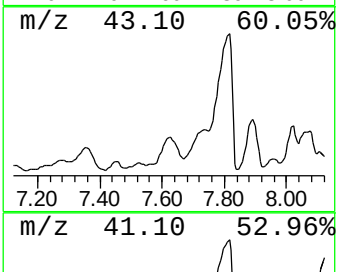


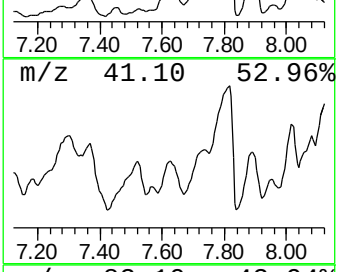


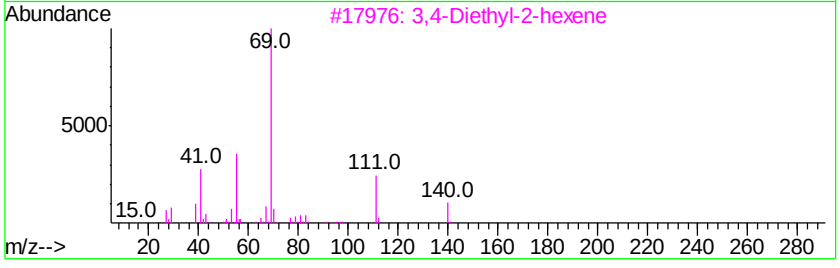


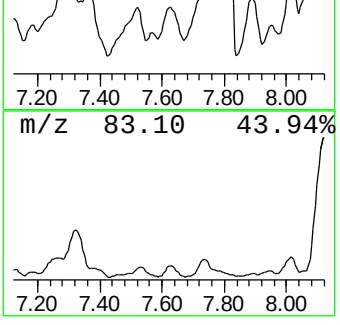












Library Search Compound Report

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Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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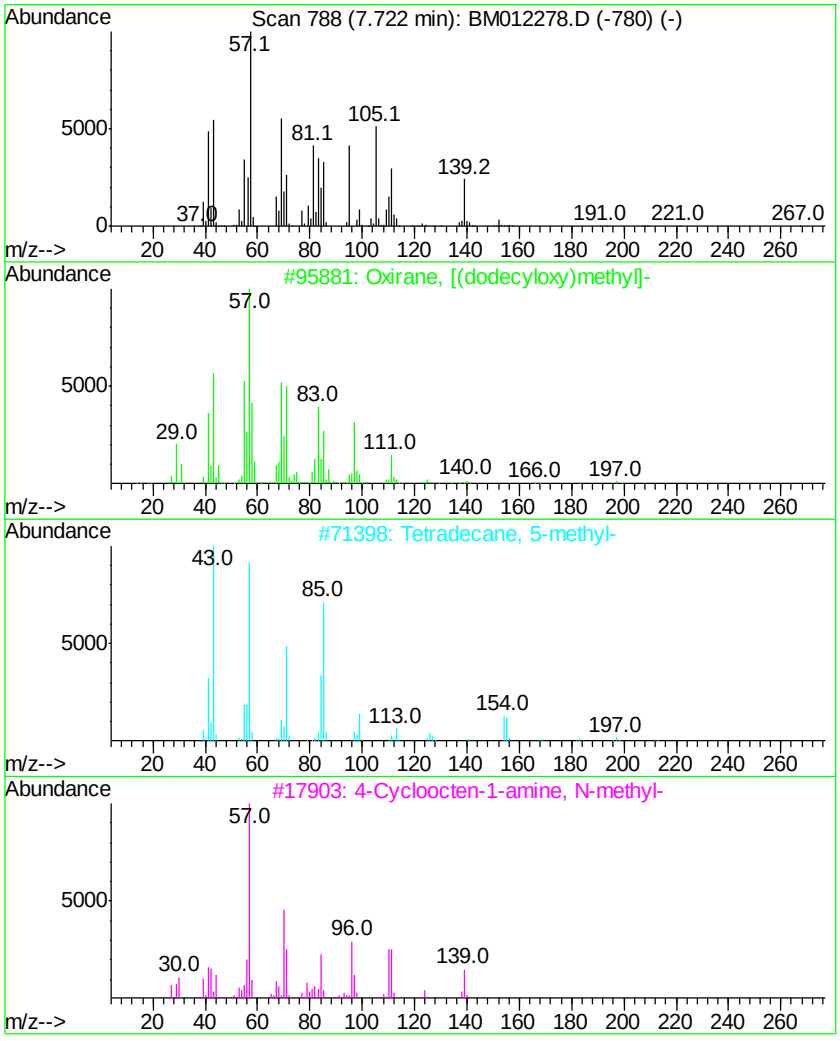
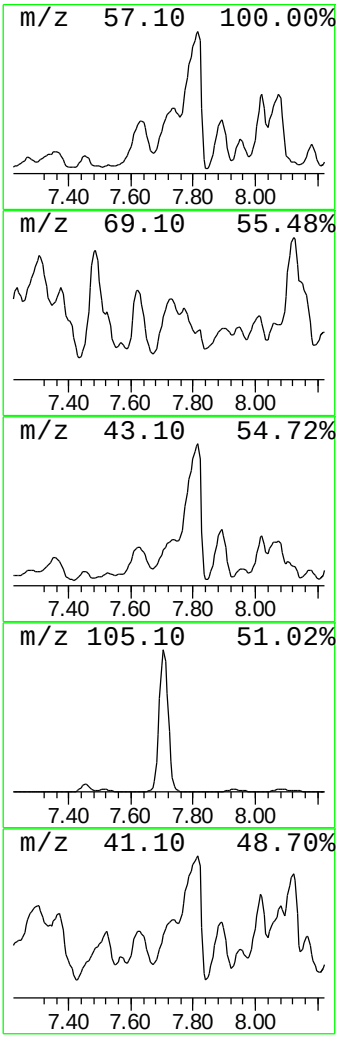
Peak Number 19 unknown-03 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	6.92 ng/ul	50992400	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	27
2	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	22
3	4-Cycloocten-1-amine, N-methyl-	139	C9H17N	038278-15-8	22
4	Hexyl octyl ether	214	C14H30O	017071-54-4	22
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	22





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Sample : I5695-04
Misc :
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Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

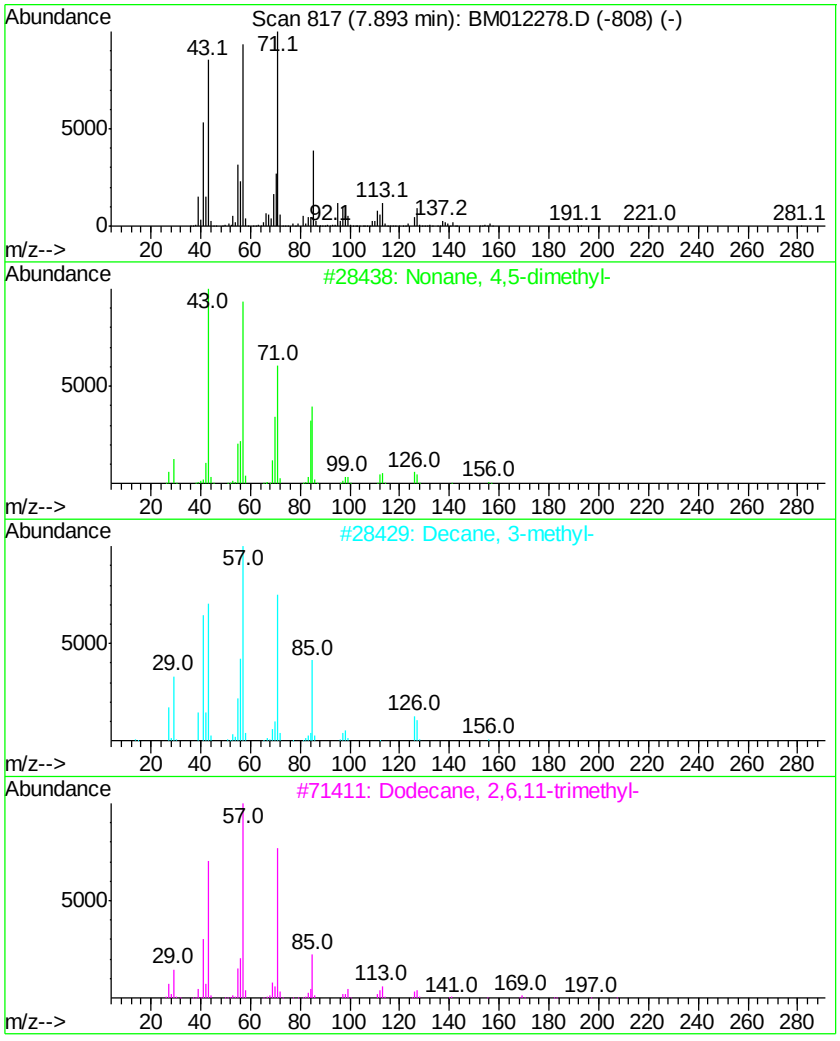
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

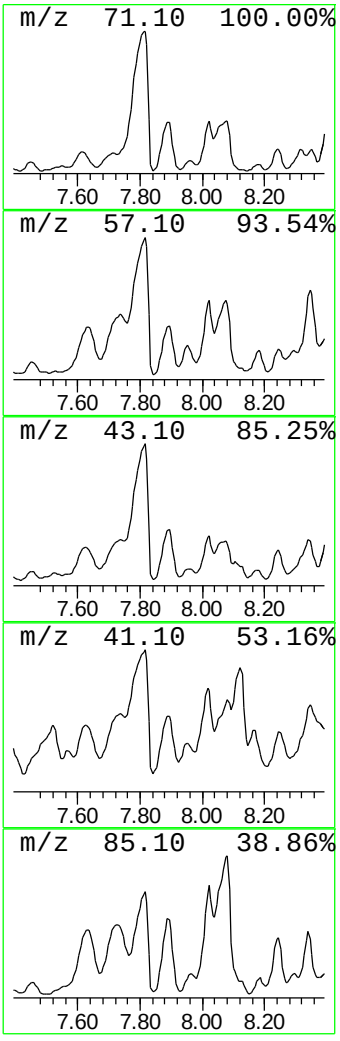
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	6.78 ng/ul	50015700	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
2	Decane, 3-methyl-	156	C11H24	013151-34-3	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	52





Library Search Compound Report

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Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

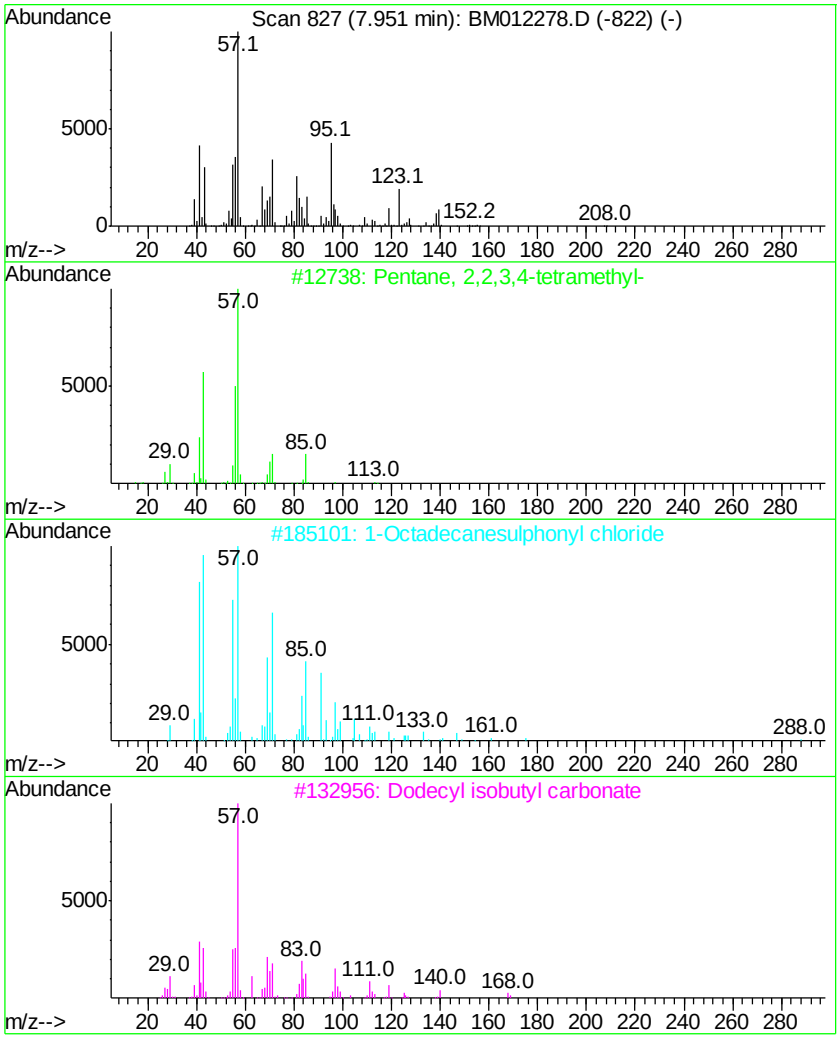
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

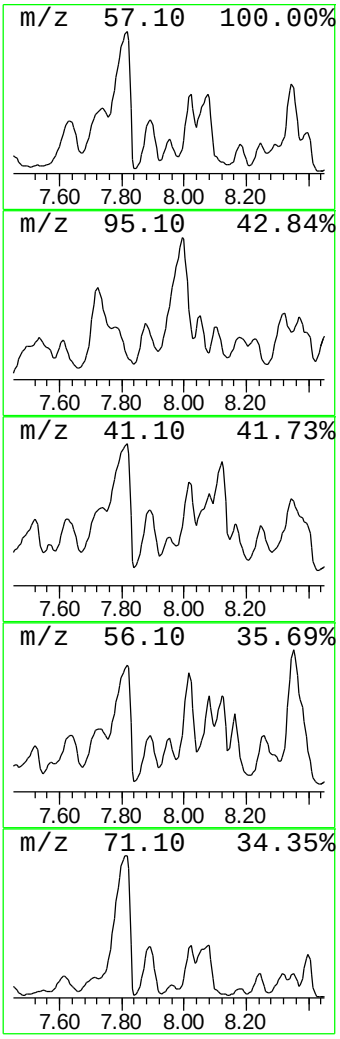
****

Peak Number 21 unknown-04 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	2.15 ng/ul	15835400	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	22
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	22
3	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	22
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	22
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	22





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Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

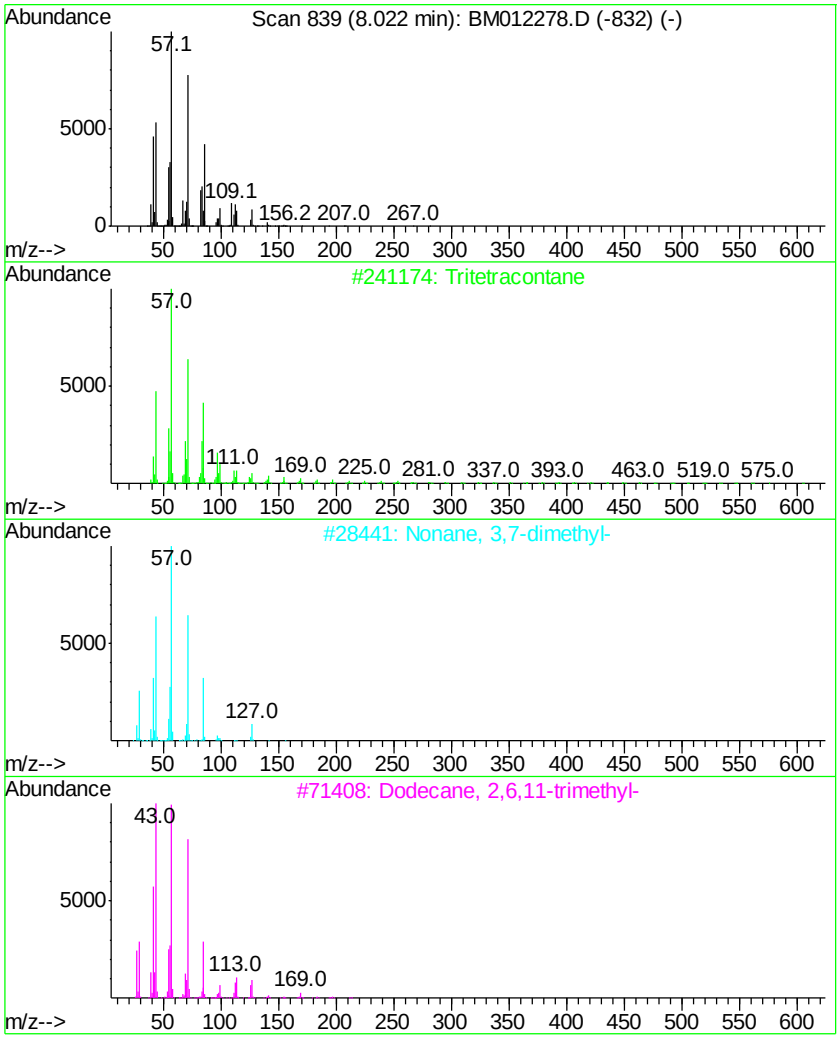
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

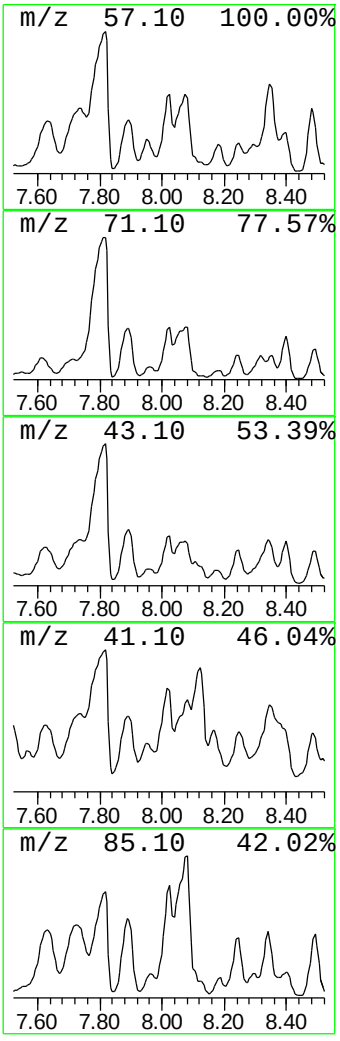
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	5.32 ng/ul	39198600	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	64
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
5	Tetratetracontane	619	C44H90	007098-22-8	53





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Sample : I5695-04
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

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Quant Title : SVOA CALIBRATION

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

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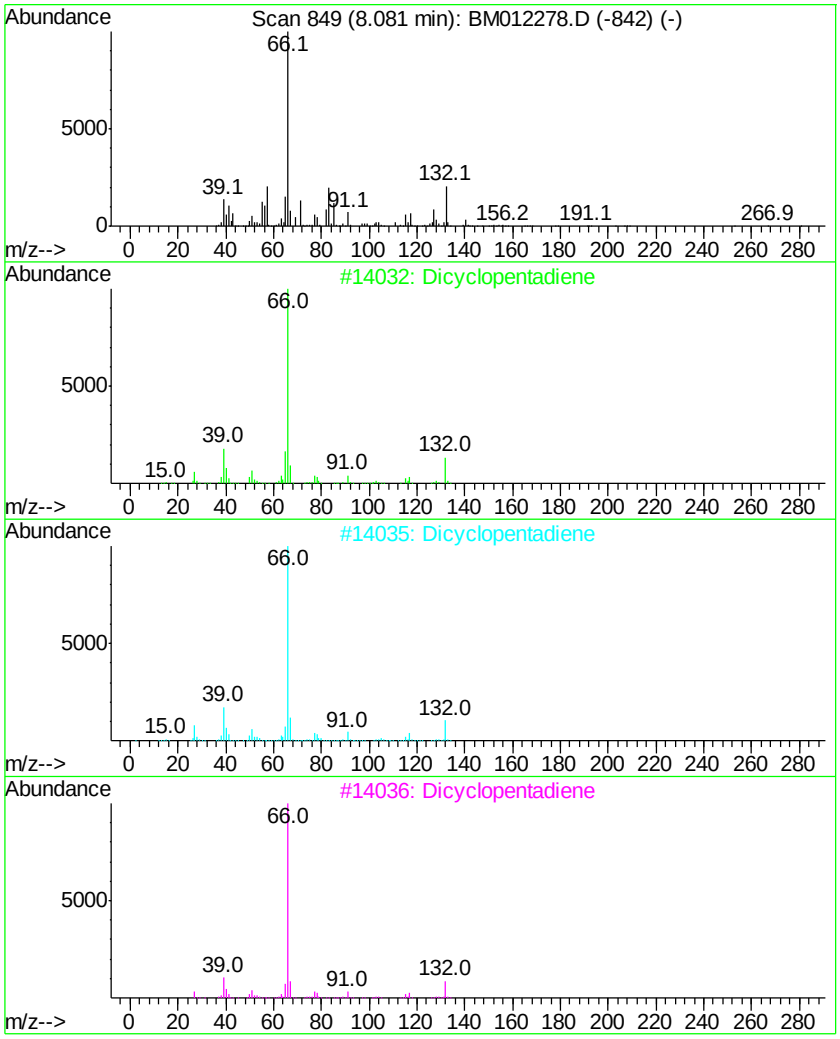
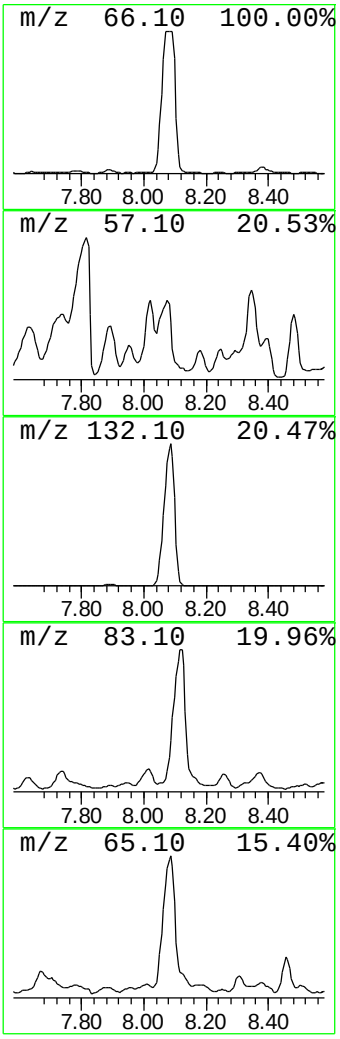
Peak Number 23 Dicyclopentadiene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	12.49 ng/ul	92111900	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopentadiene	132	C10H12	000077-73-6	94
2	Dicyclopentadiene	132	C10H12	000077-73-6	80
3	Dicyclopentadiene	132	C10H12	000077-73-6	72
4	endo-4-Oxatricyclo[5.2.1.0(2,6)]...	150	C9H10O2	095340-93-5	64
5	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	64





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Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

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Quant Title : SVOA CALIBRATION

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

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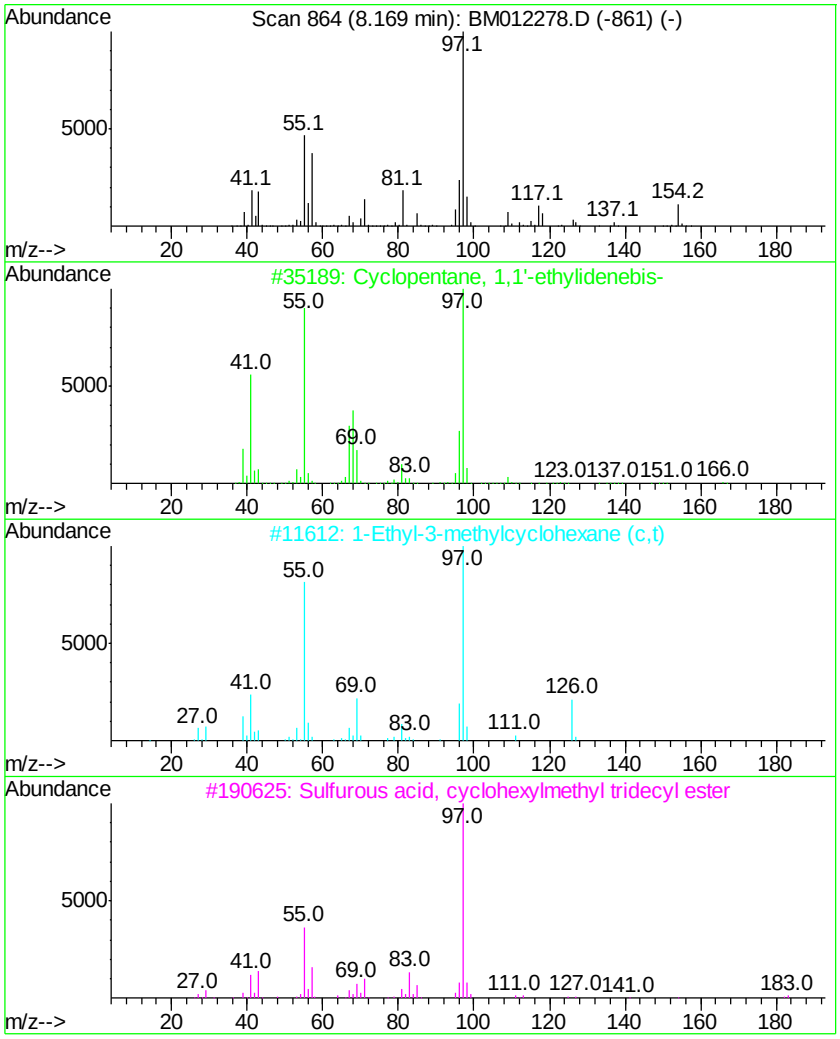
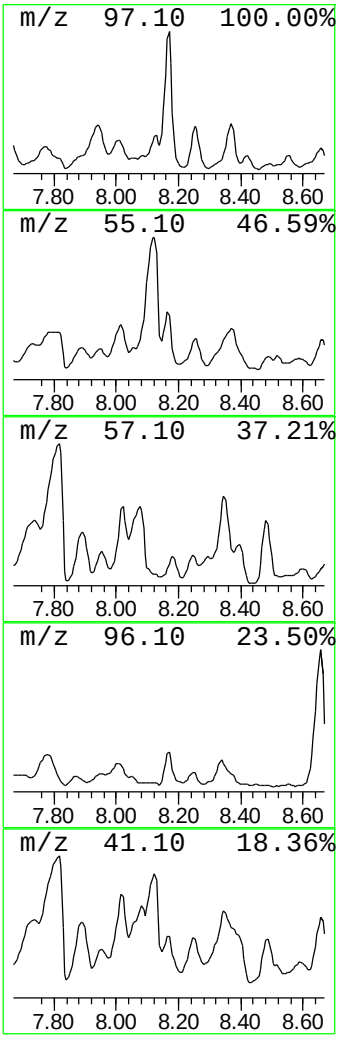
Peak Number 24 Cyclopentane, 1,1'-ethylide... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.95 ng/ul	21750000	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	59
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59
3	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	50
4	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	50
5	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	50





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Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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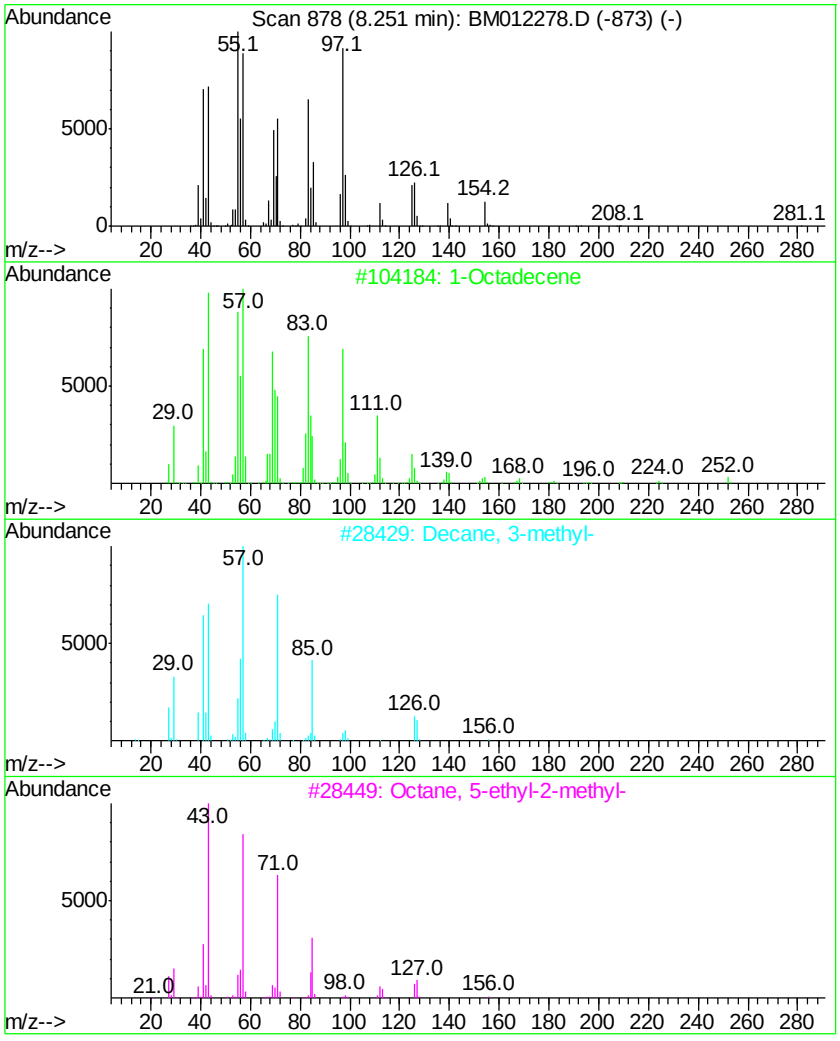
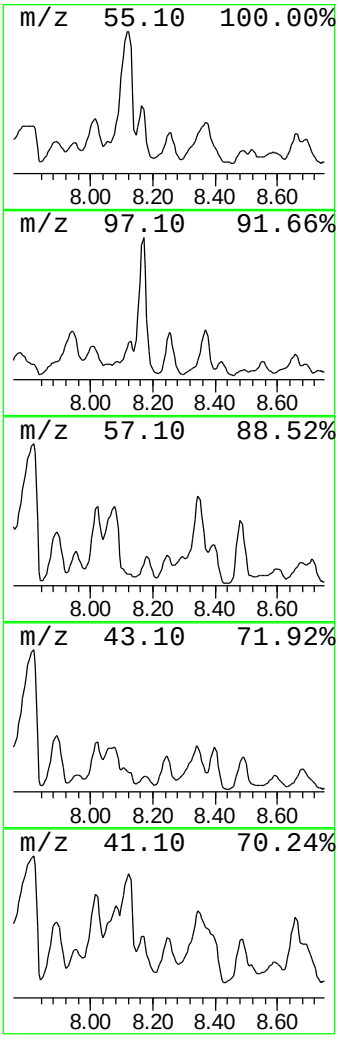
Peak Number 25 (DEL) Alkane: Cyclic8.25 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	2.47 ng/ul	18183200	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	50
2	Decane, 3-methyl-	156	C11H24	013151-34-3	43
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	30
4	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	25
5	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	25





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Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

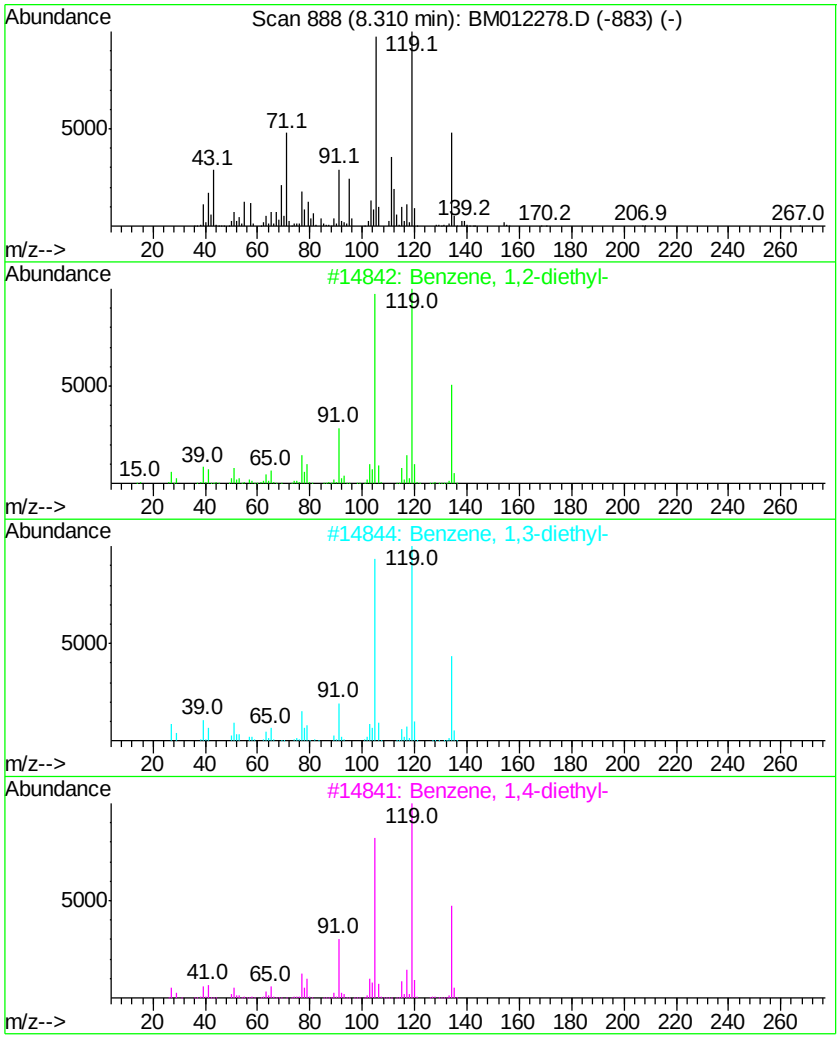
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

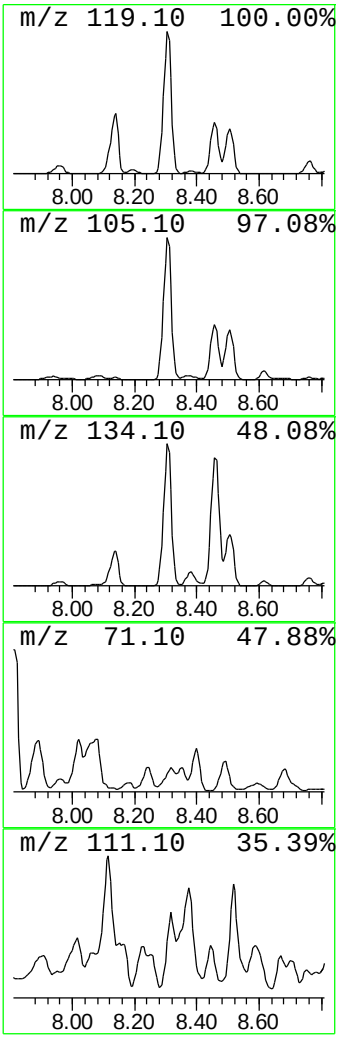
****

Peak Number 26 Benzene, 1,2-diethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	4.19 ng/ul	30897100	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	92
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





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Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

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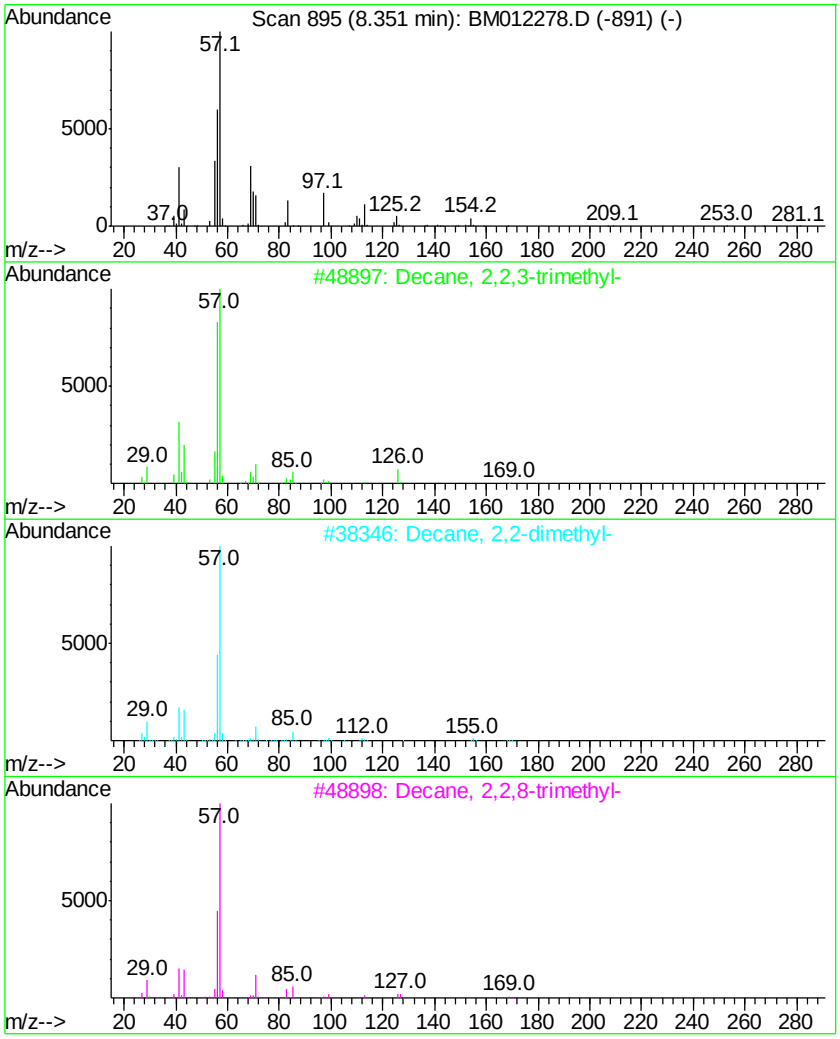
Quant Title : SVOA CALIBRATION

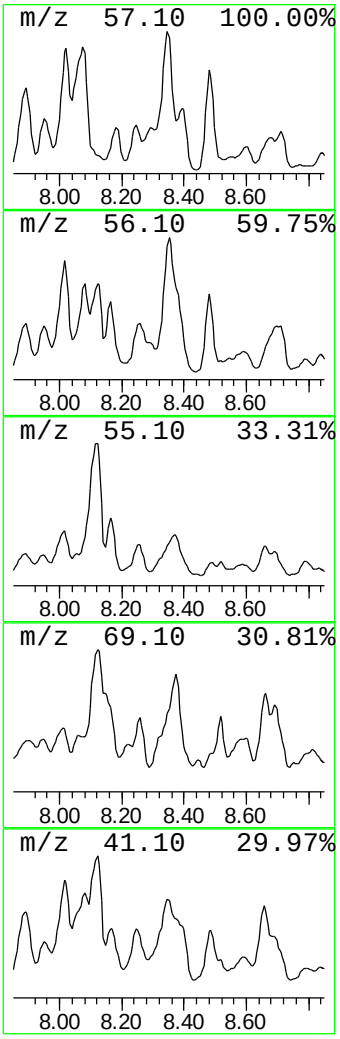
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	12.46 ng/ul	91855000	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	59
2	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	59
3	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	59
4	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	59
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	58





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Acq On : 18 Oct 2017 08:55
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Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

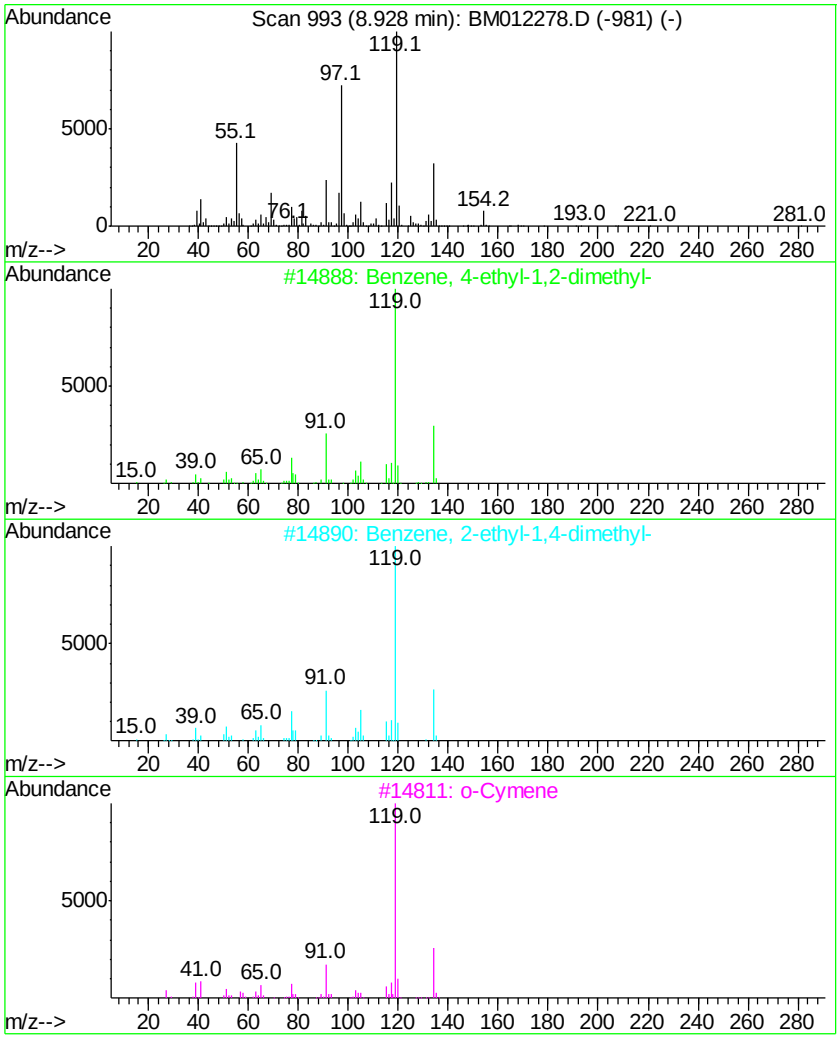
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

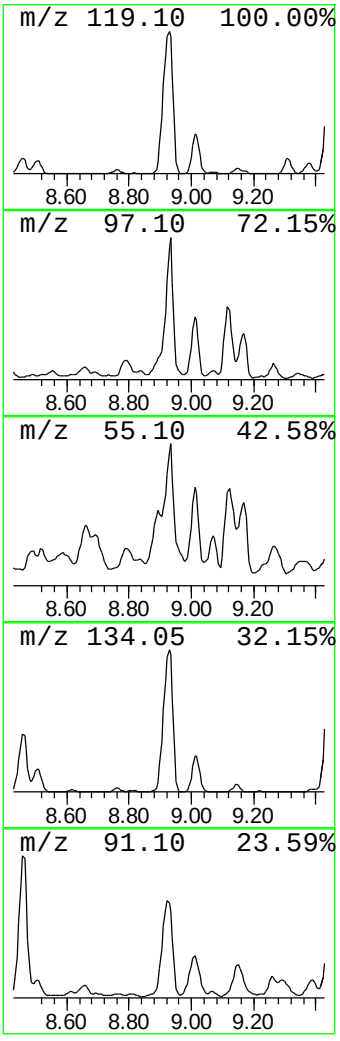
****

Peak Number 28 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	17.82 ng/ul	131431000	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	o-Cymene	134	C10H14	000527-84-4	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	78
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60





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Sample : I5695-04
Misc :
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Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

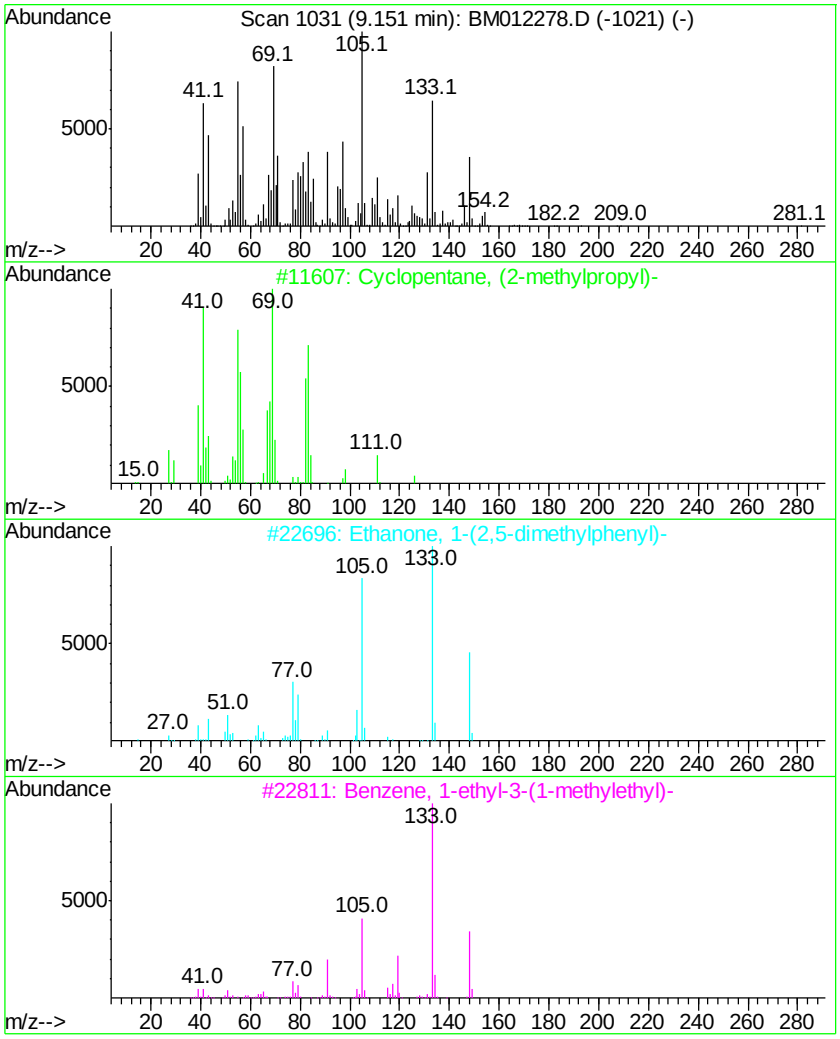
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

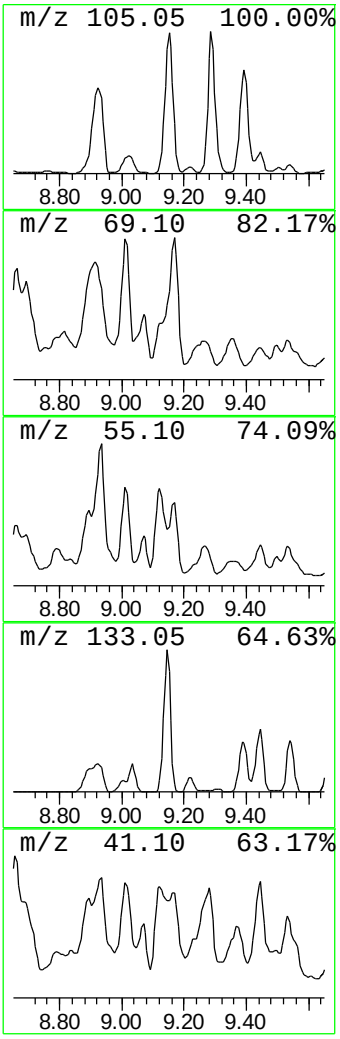
****

Peak Number 29 (DEL) Alkane: Cyclic9.15 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	13.56 ng/ul	100008000	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	64
2	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	60
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	47
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	44
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	35





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Misc :
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Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

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Quant Title : SVOA CALIBRATION

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

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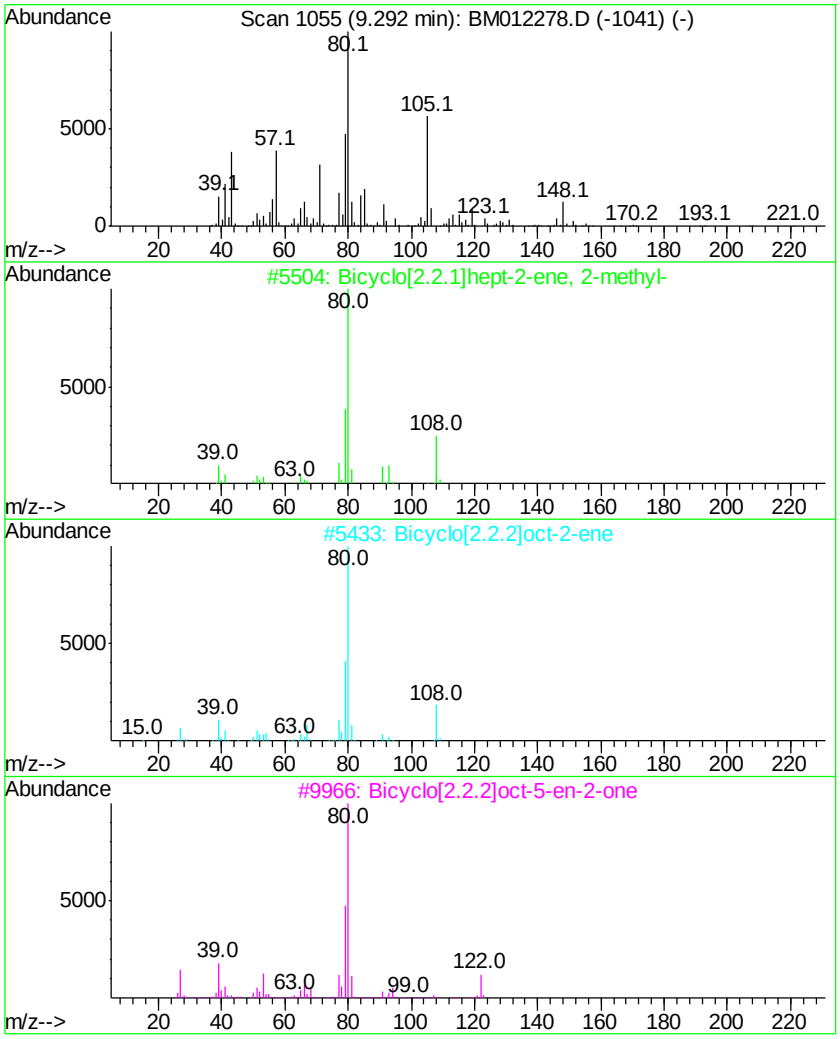
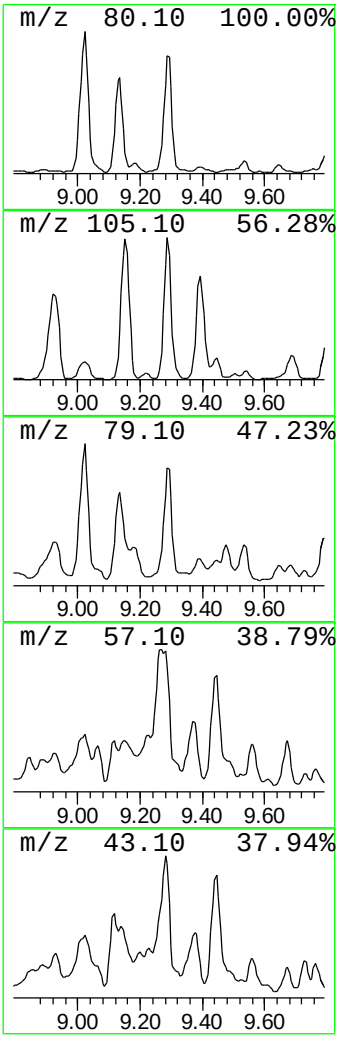
Peak Number 30 Bicyclo[2.2.1]hept-2-ene, 2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	123.09 ng/ul	57016400	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	53
2	Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	53
3	Bicyclo[2.2.2]oct-5-en-2-one	122	C8H10O	002220-40-8	53
4	Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	53
5	Bicyclo[3.2.0]hept-2-ene, 2-methyl-	108	C8H12	094122-58-4	53





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Quant Title : SVOA CALIBRATION

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

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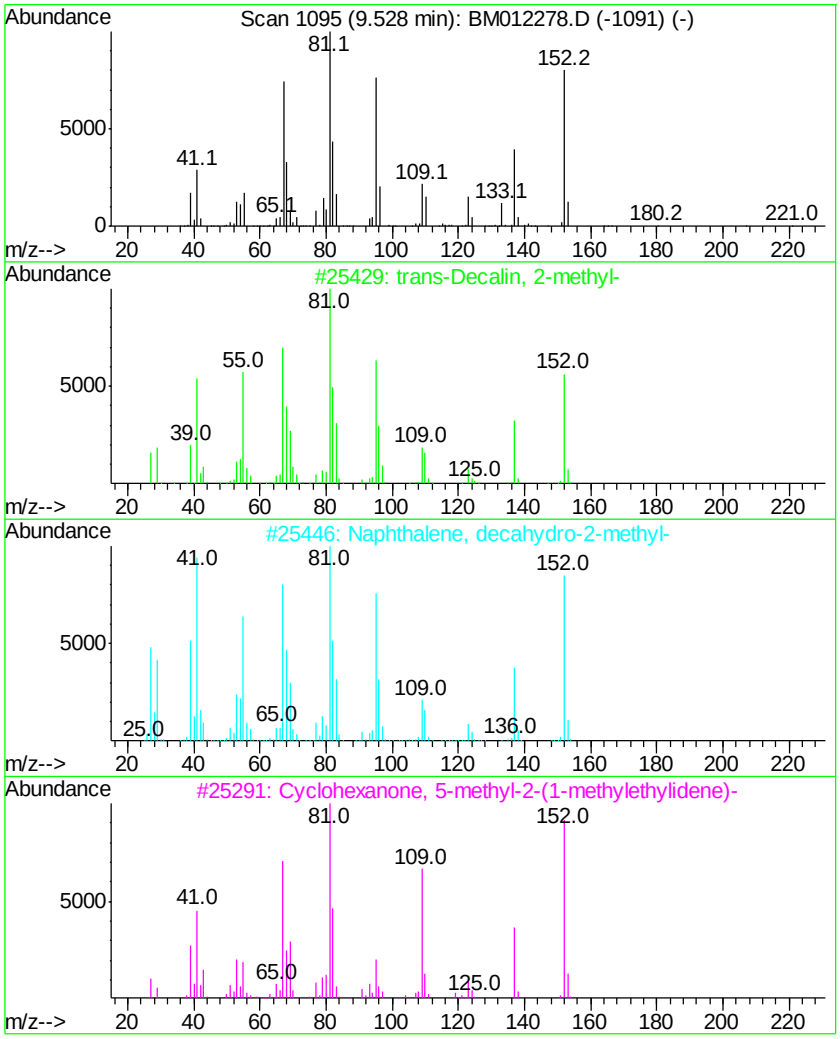
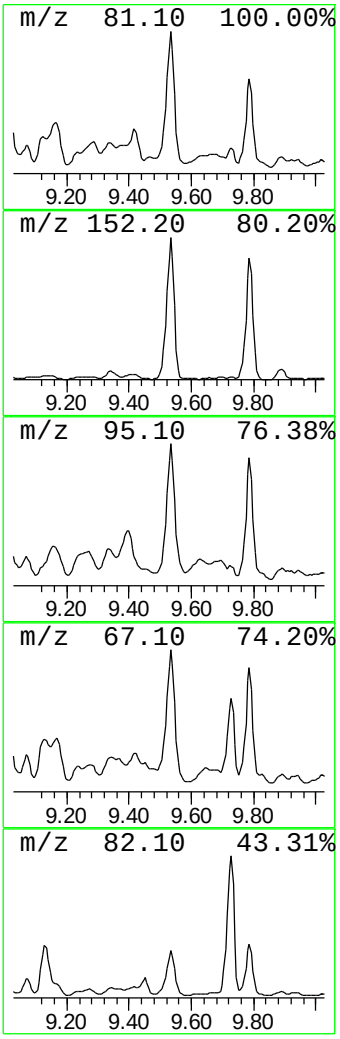
Peak Number 33 trans-Decalin, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	86.34 ng/ul	39990200	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	86
4	Pulegone	152	C10H16O	000089-82-7	68
5	Pulegone	152	C10H16O	000089-82-7	68





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Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

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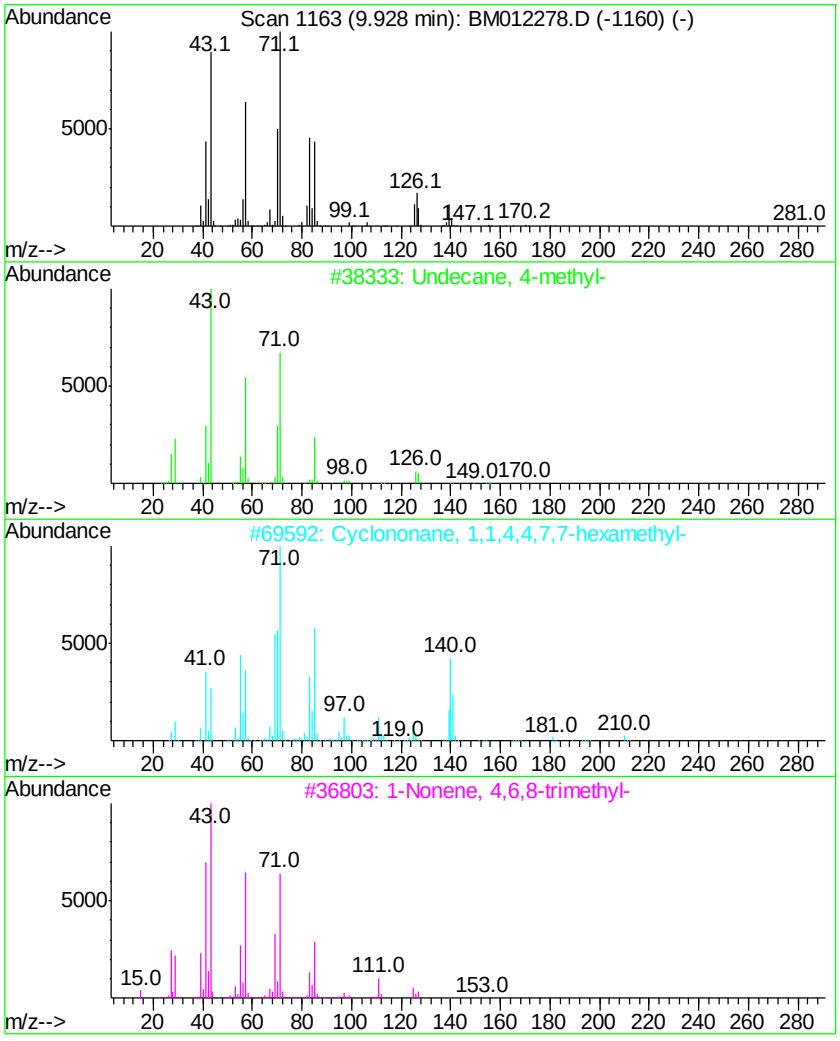
Quant Title : SVOA CALIBRATION

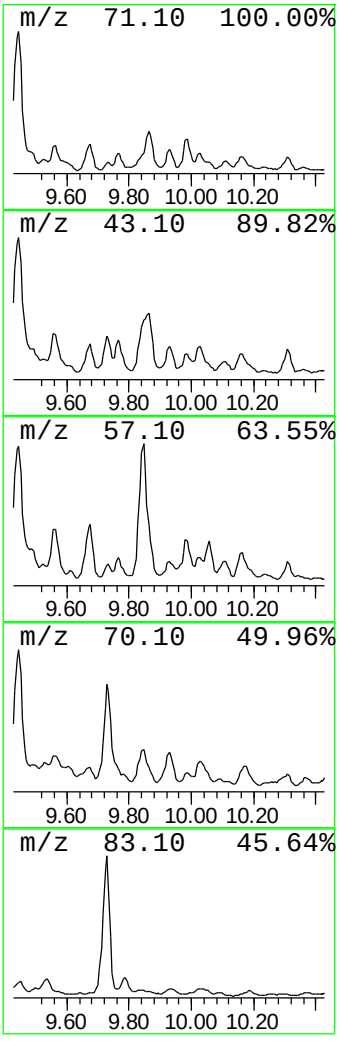
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	10.94 ng/ul	5067300	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	52
2	Cyclononane, 1,1,4,4,7,7-hexamet...	210	C15H30	149331-19-1	50
3	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	43
4	Decane, 4-methyl-	156	C11H24	002847-72-5	43
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43





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Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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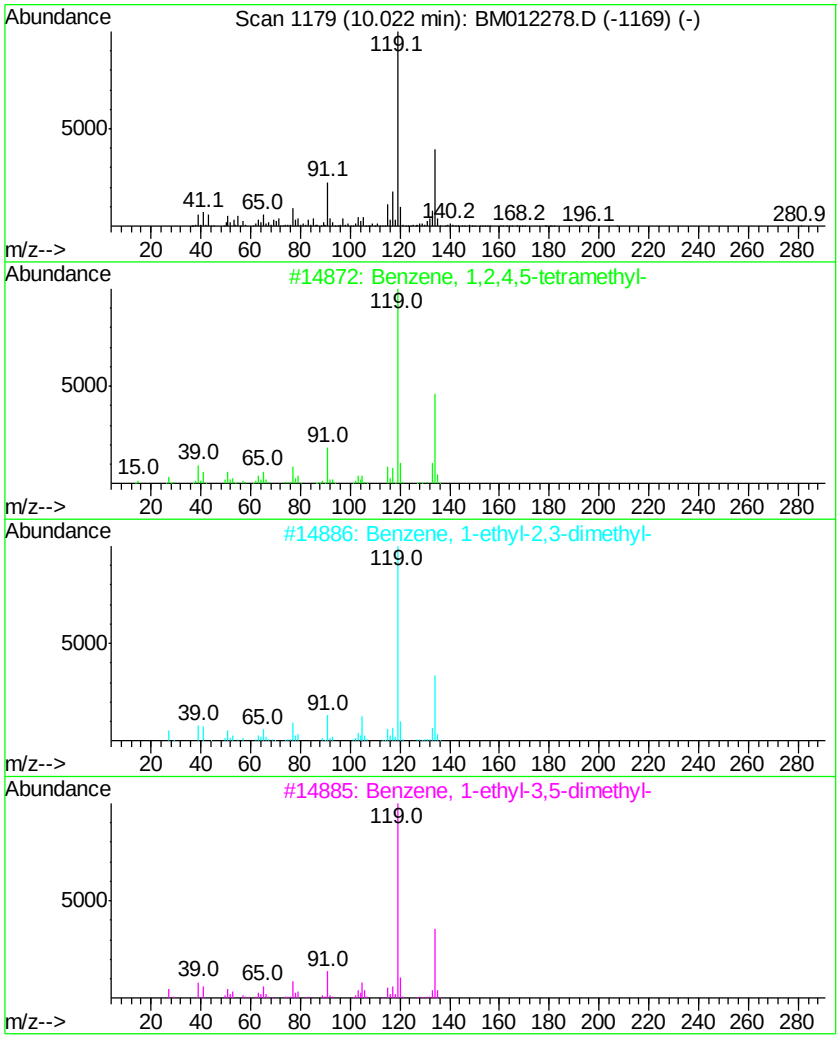
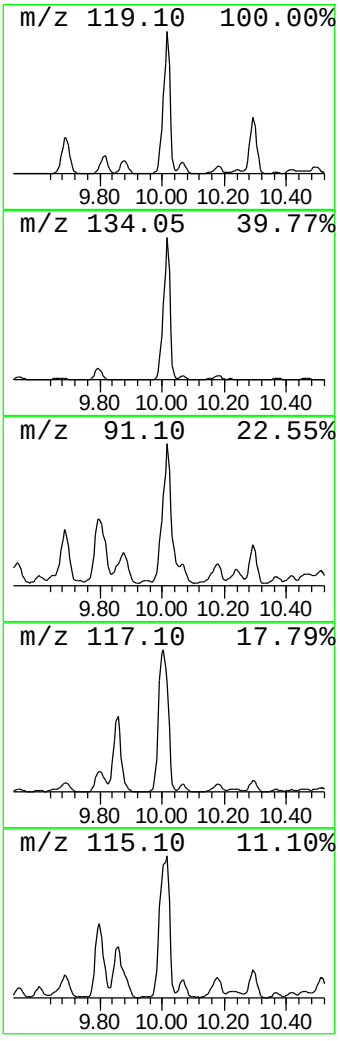
Peak Number 35 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	100.37 ng/ul	46492400	Naphthalene-d8	10.60

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	87
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	o-Cymene	134	C10H14	000527-84-4	87





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Sample : I5695-04
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ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId : B-74(3-4)-100417

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Quant Title : SVOA CALIBRATION

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

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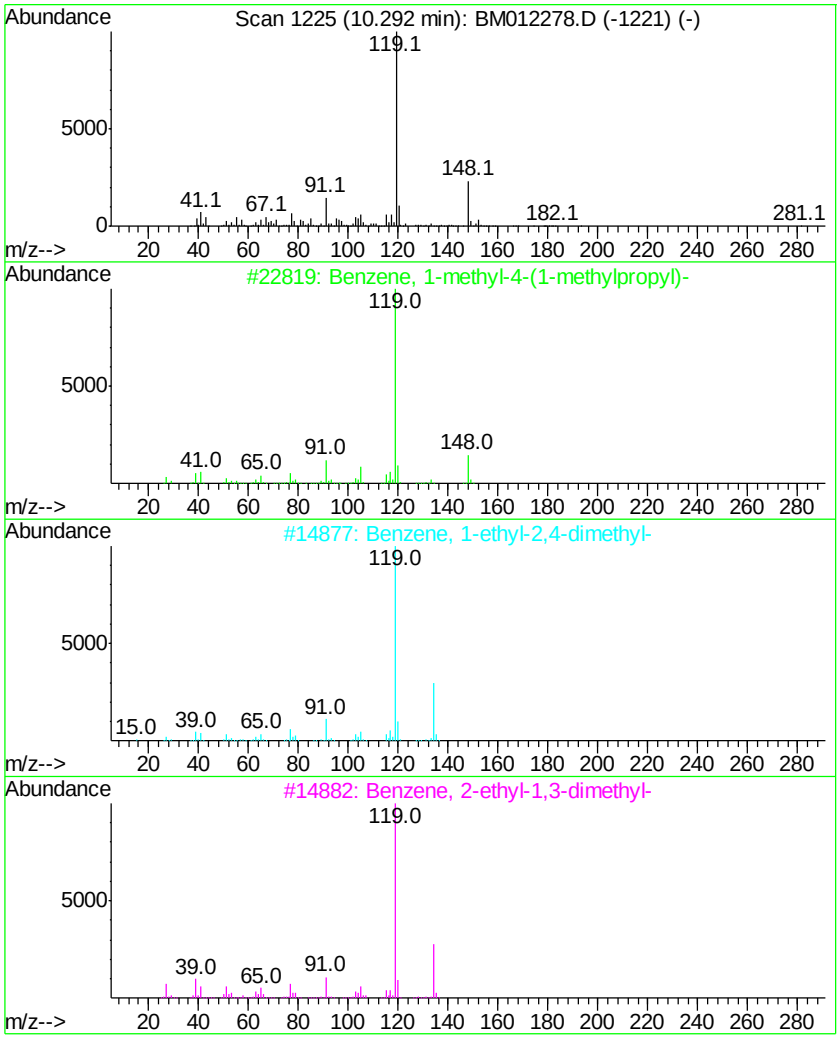
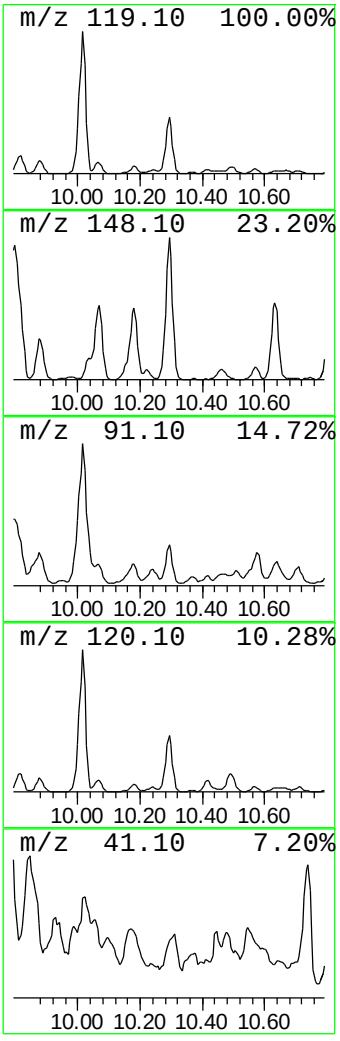
Peak Number 38 Benzene, 1-methyl-4-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	31.64 ng/ul	14654300	Naphthalene-d8	10.60

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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
5	1-Chloromethyl-3,5-dimethylbenzene	154	C9H11Cl	002745-54-2	59





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Quant Title : SVOA CALIBRATION

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

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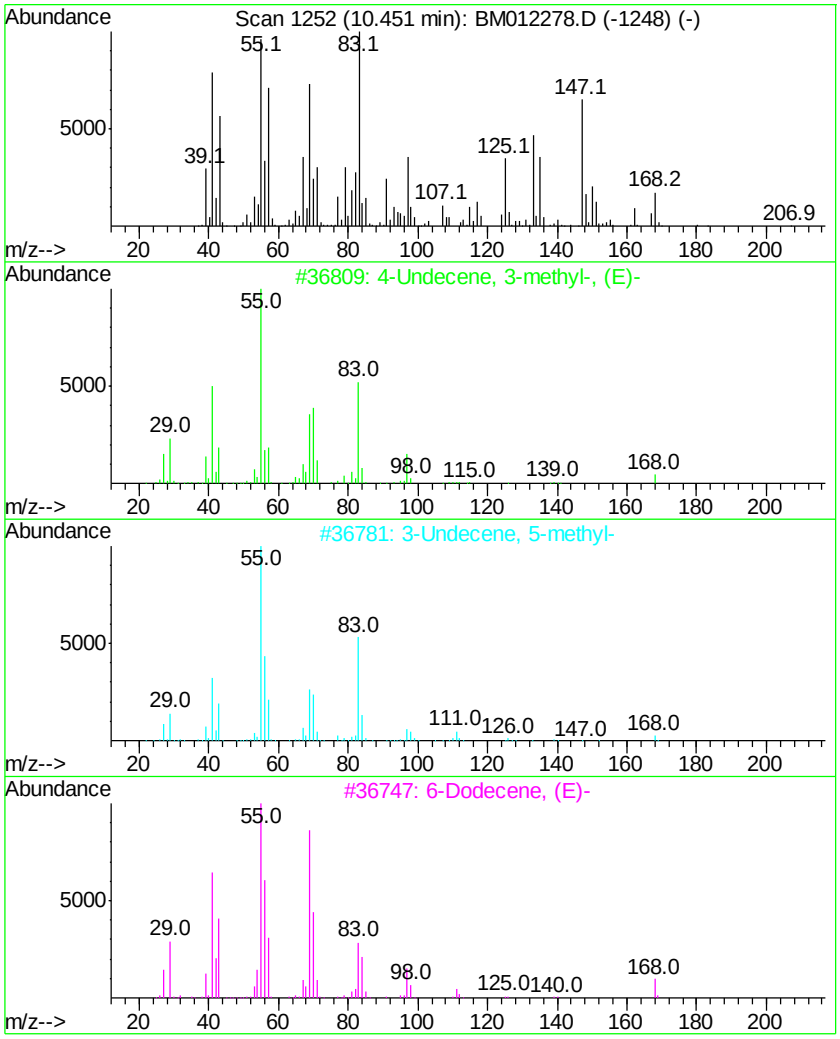
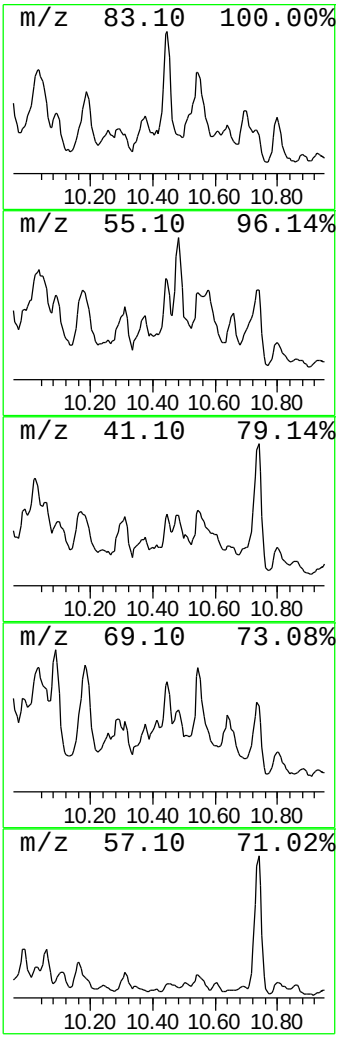
Peak Number 40 (DEL) Alkane: Cyclic10.45 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	6.86 ng/ul	3178710	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, 3-methyl-, (E)-	168	C12H24	074630-59-4	58
2	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	58
3	6-Dodecene, (E)-	168	C12H24	007206-17-9	46
4	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	43
5	3-Dodecene, (Z)-	168	C12H24	007239-23-8	41





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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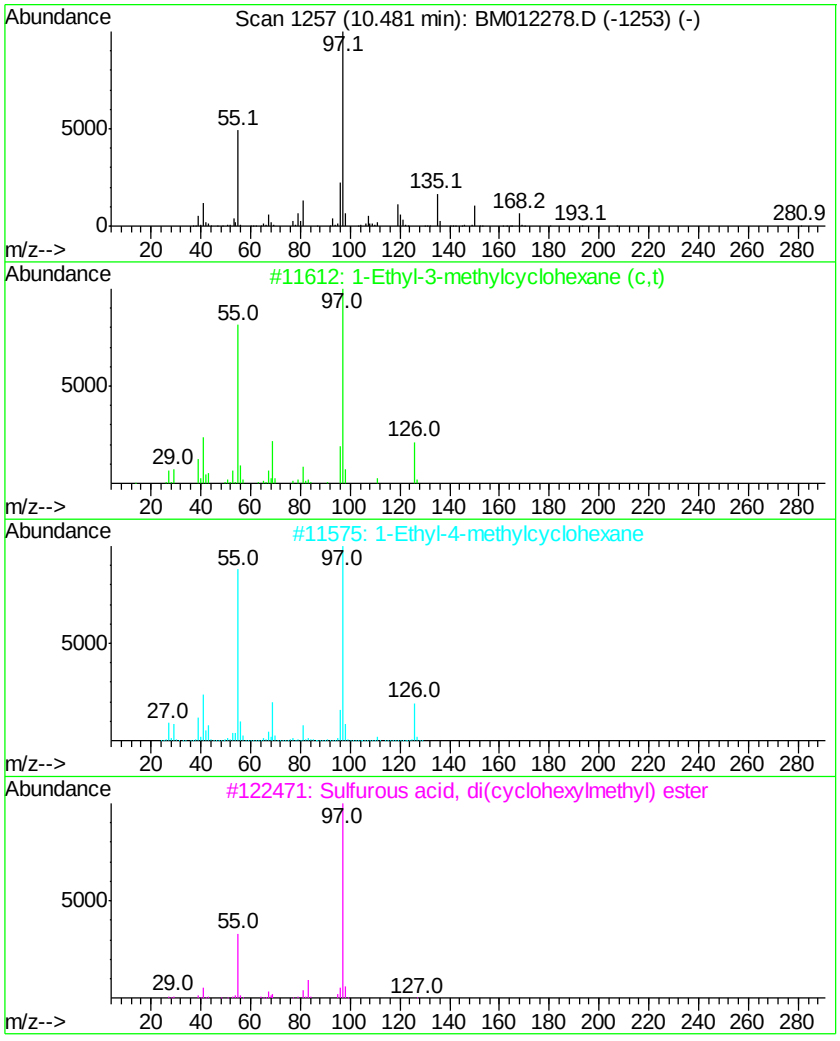
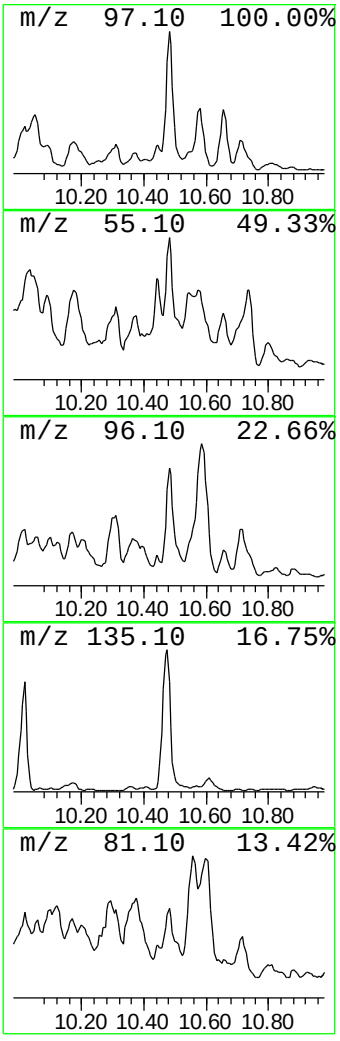
Peak Number 41 (DEL) Alkane: Cyclic10.48 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	8.35 ng/ul	3866000	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	50
3	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	43
4	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	43
5	Cycloheptane, bromo-	176	C7H13Br	002404-35-5	43





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TIC Integration Parameters: LSCINT.P

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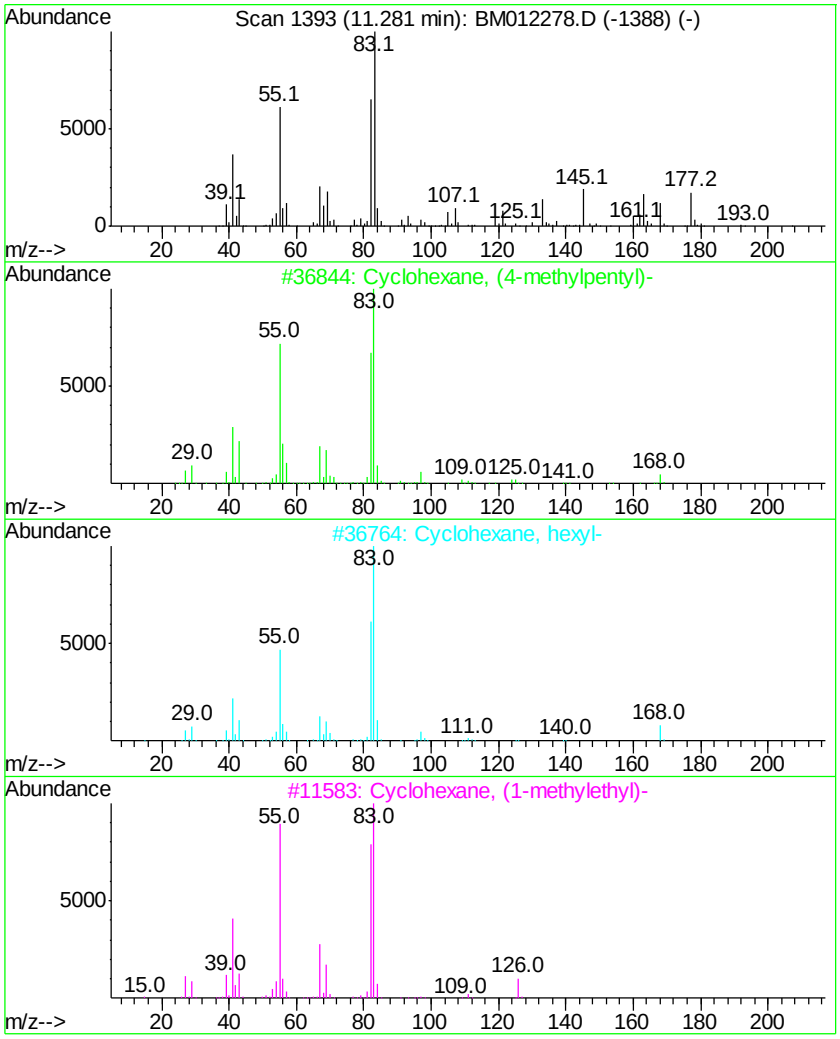
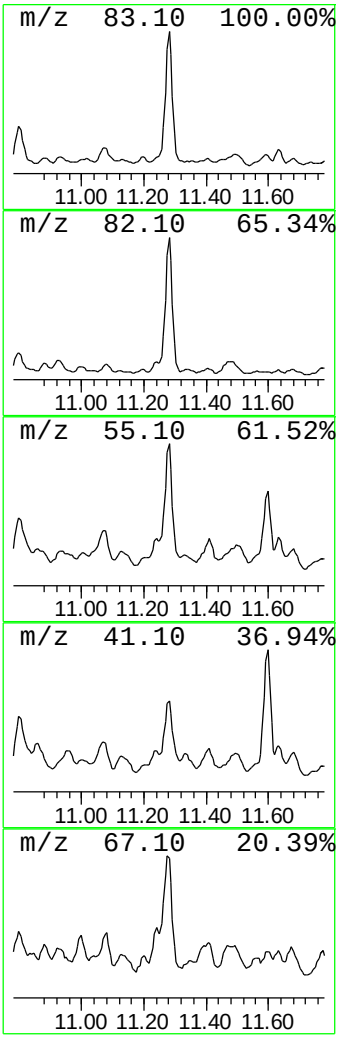
Peak Number 43 (DEL) Alkane: Cyclic11.28 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	12.13 ng/ul	5617460	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	68
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	55
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

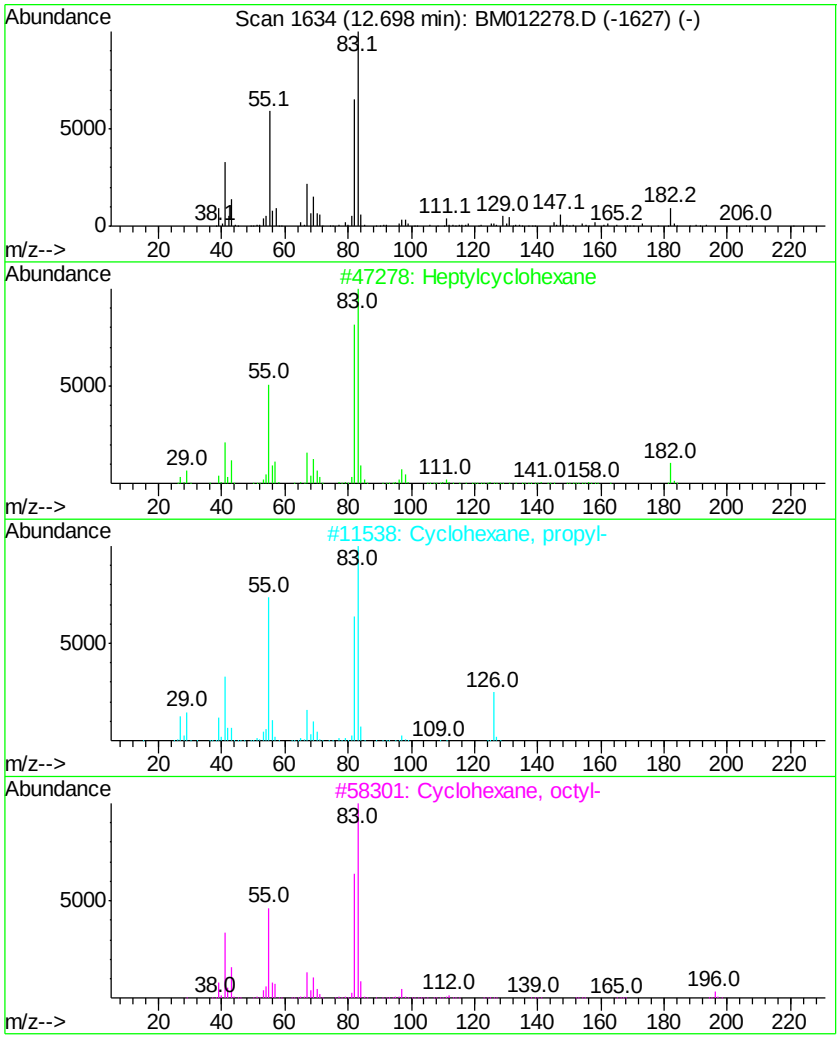
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

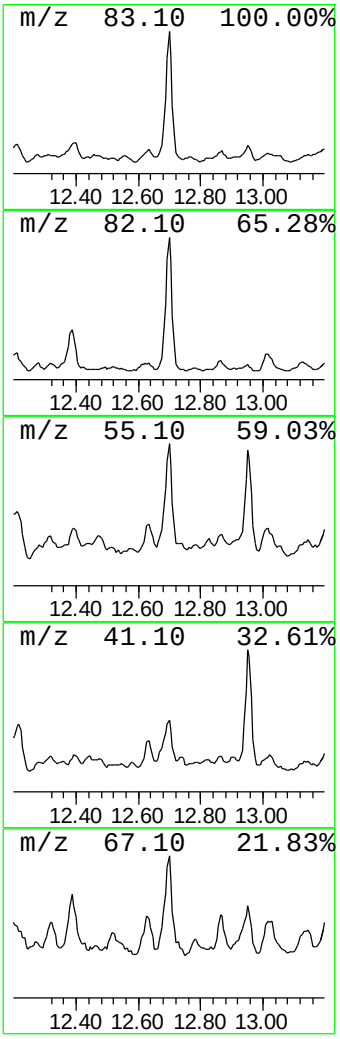
****

Peak Number 45 (DEL) Alkane: Cyclic12.70 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	22.20 ng/ul	3294400	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	74
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	68
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

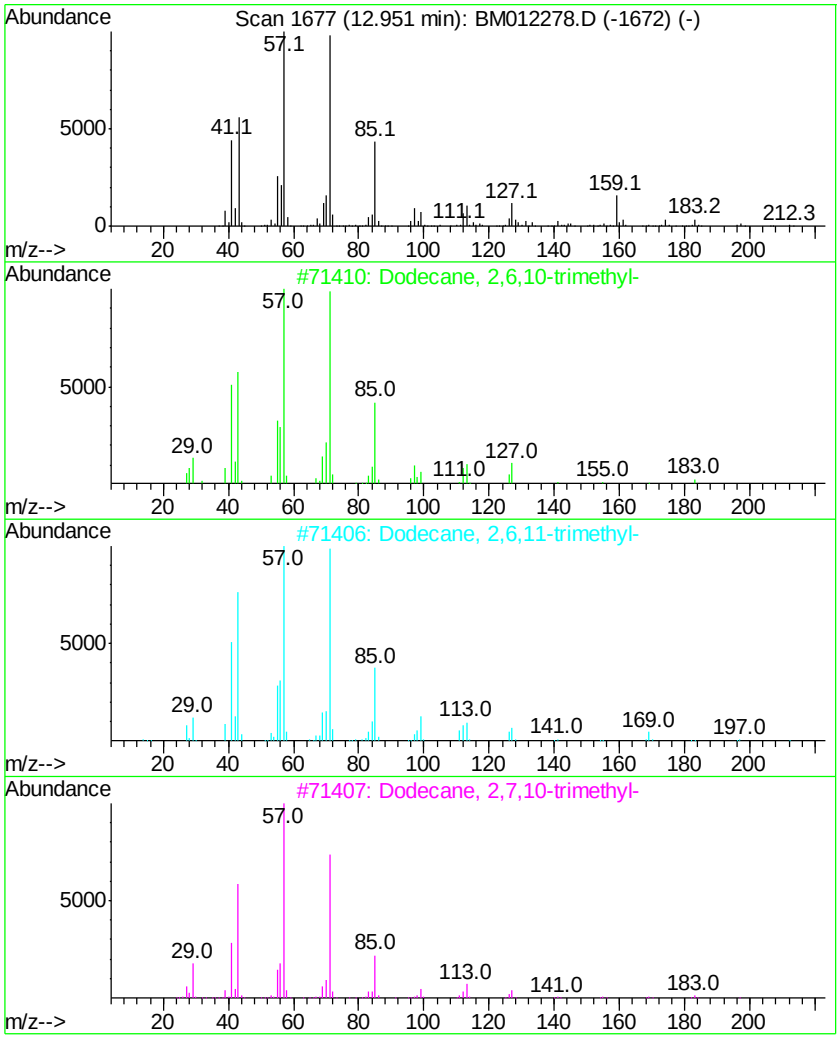
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

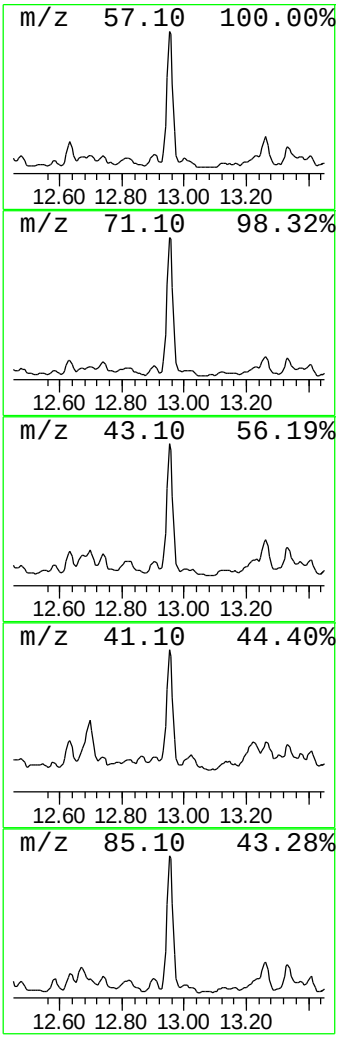
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	34.48 ng/ul	5116090	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	52





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Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

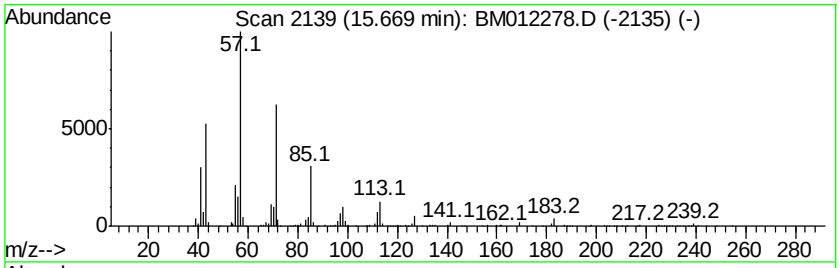
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

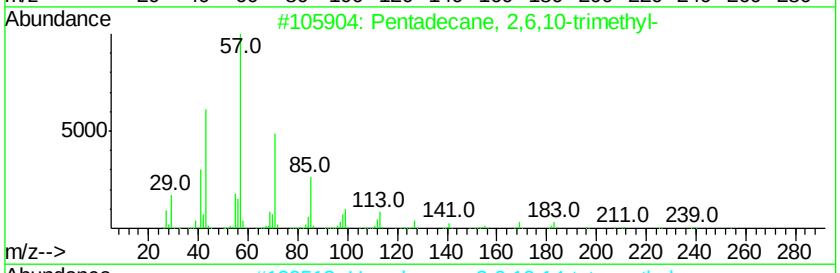
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

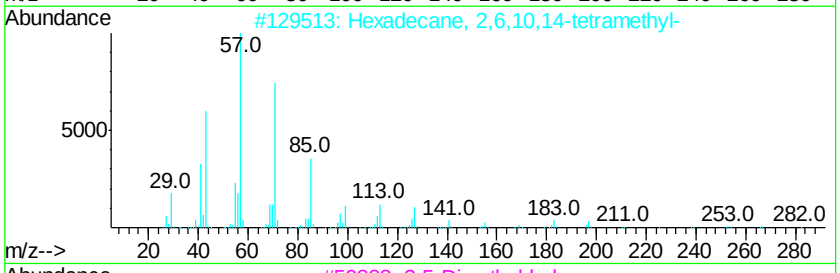
****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 18

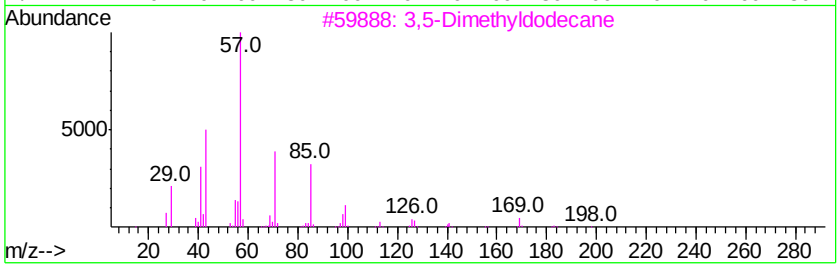
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	21.67 ng/ul	3215500	Acenaphthene-d10	14.44

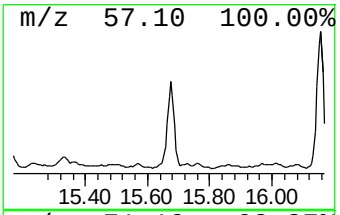
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64

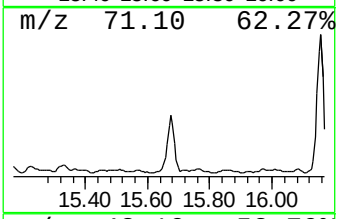


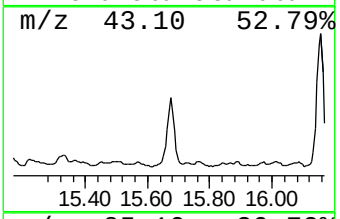


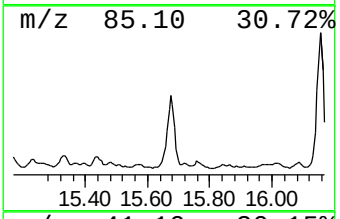


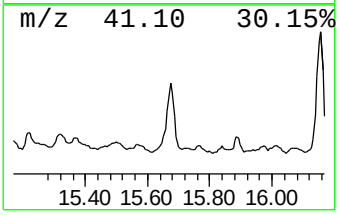












Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

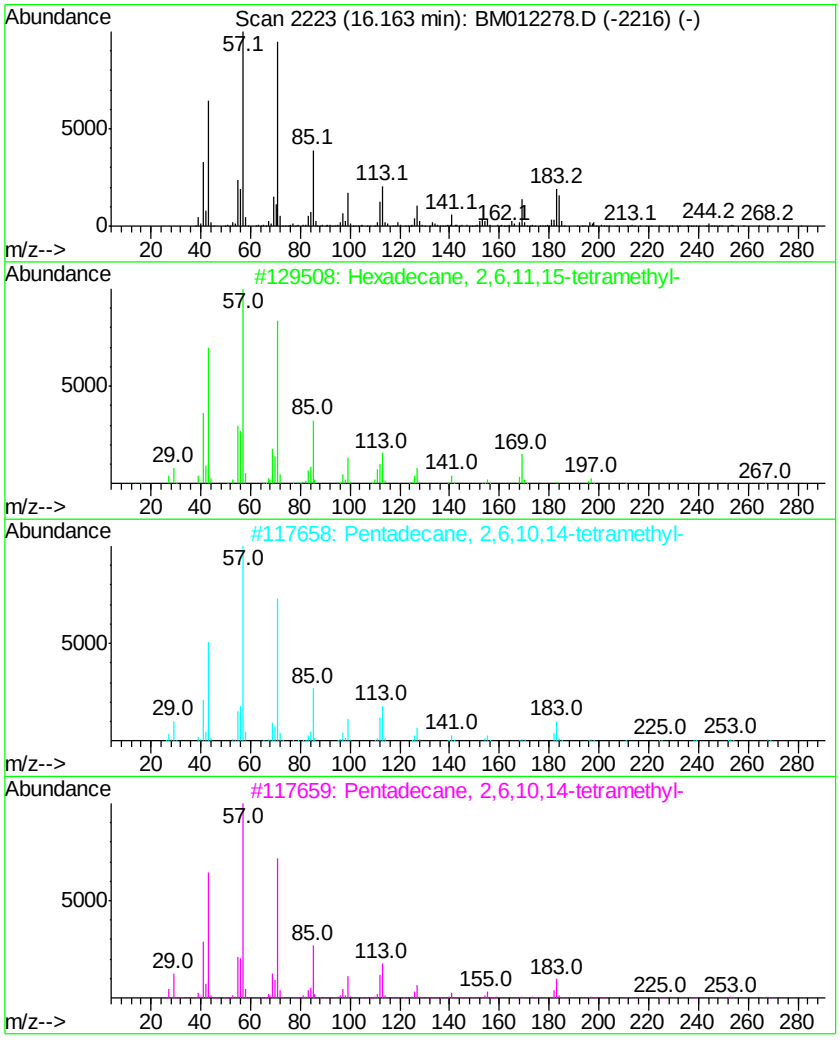
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

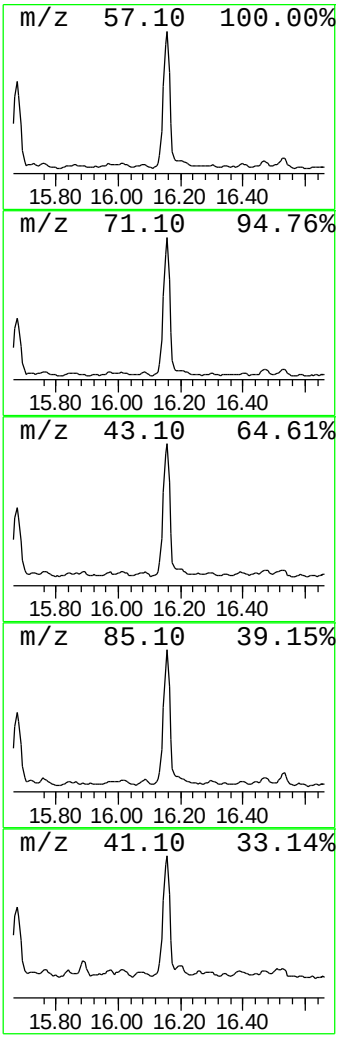
****

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	26.53 ng/ul	6169790	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80





Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

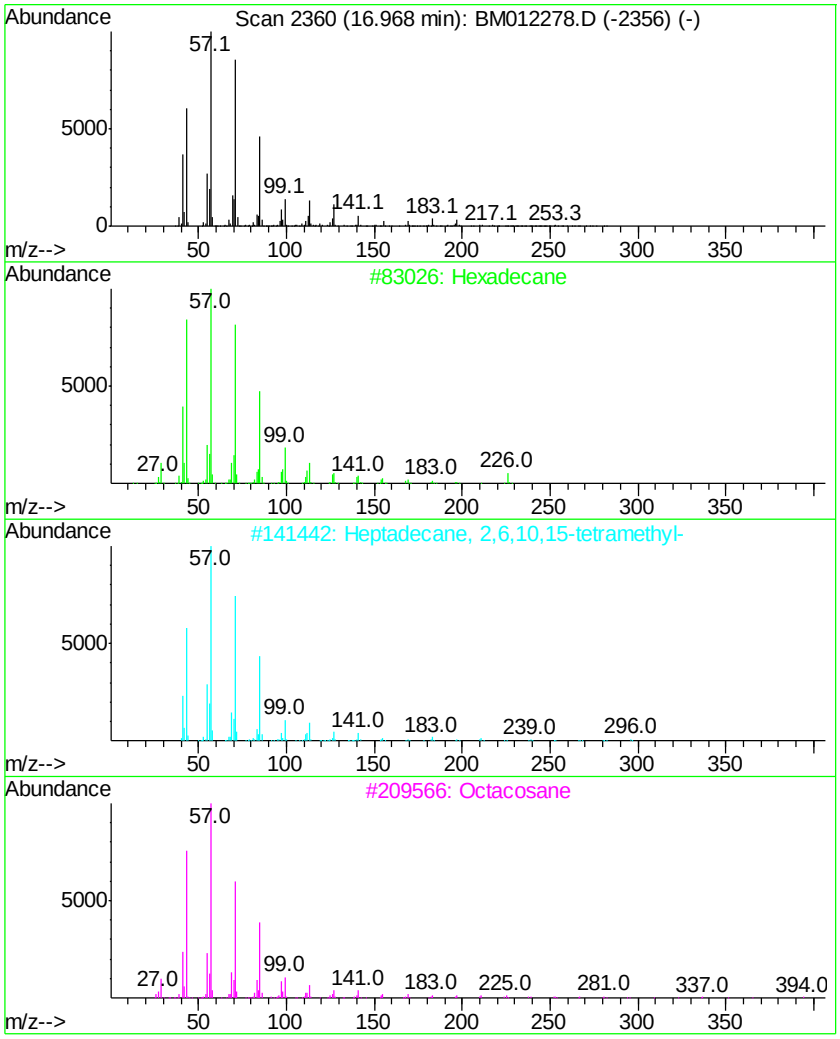
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

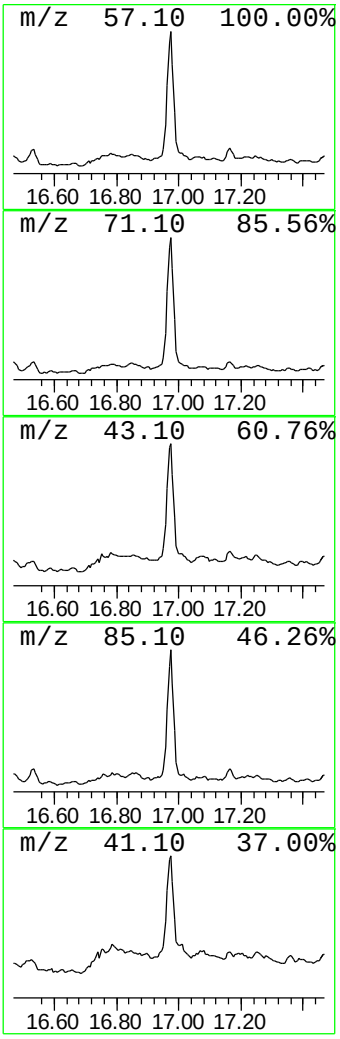
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	14.58 ng/ul	3389590	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Octacosane	394	C28H58	000630-02-4	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101717\
Data File : BM012278.D
Acq On : 18 Oct 2017 08:55
Operator : SJ/JU
Sample : I5695-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-74(3-4)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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...	4.96	2.5	ng/ul	18177800	1	7.81	147470000	20.0
(DEL) Alkane: Cyc...	5.20	2.3	ng/ul	16700200	1	7.81	147470000	20.0
(DEL) Alkane: Cyc...	5.65	2.7	ng/ul	19583200	1	7.81	147470000	20.0
(DEL) Alkane: Cyc...	5.73	4.4	ng/ul	32488300	1	7.81	147470000	20.0
(DEL) Alkane: Cyc...	5.79	2.7	ng/ul	20043100	1	7.81	147470000	20.0
(DEL) Alkane: Cyc...	6.06	11.4	ng/ul	84151800	1	7.81	147470000	20.0
(DEL) Alkane: Str...	6.18	5.0	ng/ul	37186600	1	7.81	147470000	20.0
Cyclohexanepropanol-	6.29	10.1	ng/ul	74316000	1	7.81	147470000	20.0
(DEL) Alkane: Str...	6.36	7.8	ng/ul	57811500	1	7.81	147470000	20.0
Cyclohexanone, 2,...	6.45	20.4	ng/ul	150397000	1	7.81	147470000	20.0
(DEL) Alkane: Cyc...	6.55	2.1	ng/ul	15518600	1	7.81	147470000	20.0
Zinc, bis[2-(1,1-...	6.61	2.8	ng/ul	20275500	1	7.81	147470000	20.0
(DEL) Alkane: Str...	6.69	8.2	ng/ul	60524200	1	7.81	147470000	20.0
(DEL) Alkane: Cyc...	6.89	2.8	ng/ul	20423600	1	7.81	147470000	20.0
2,6-Dimethylbicyc...	7.18	2.2	ng/ul	16172800	1	7.81	147470000	20.0
unknown-01	7.52	11.7	ng/ul	86178000	1	7.81	147470000	20.0
unknown-02	7.62	3.9	ng/ul	28645800	1	7.81	147470000	20.0
unknown-03	7.72	6.9	ng/ul	50992400	1	7.81	147470000	20.0
(DEL) Alkane: Str...	7.89	6.8	ng/ul	50015700	1	7.81	147470000	20.0
unknown-04	7.95	2.1	ng/ul	15835400	1	7.81	147470000	20.0
(DEL) Alkane: Str...	8.02	5.3	ng/ul	39198600	1	7.81	147470000	20.0
Dicyclopentadiene	8.08	12.5	ng/ul	92111900	1	7.81	147470000	20.0
Cyclopentane, 1,1...	8.17	3.0	ng/ul	21750000	1	7.81	147470000	20.0
(DEL) Alkane: Cyc...	8.25	2.5	ng/ul	18183200	1	7.81	147470000	20.0
Benzene, 1,2-diet...	8.31	4.2	ng/ul	30897100	1	7.81	147470000	20.0
(DEL) Alkane: Str...	8.35	12.5	ng/ul	91855000	1	7.81	147470000	20.0
Benzene, 4-ethyl-...	8.93	17.8	ng/ul	131431000	1	7.81	147470000	20.0
(DEL) Alkane: Cyc...	9.15	13.6	ng/ul	100008000	1	7.81	147470000	20.0
Bicyclo[2.2.1]hep...	9.29	123.1	ng/ul	57016400	2	10.60	9263870	20.0
trans-Decalin, 2-...	9.53	86.3	ng/ul	39990200	2	10.60	9263870	20.0
(DEL) Alkane: Str...	9.93	10.9	ng/ul	5067300	2	10.60	9263870	20.0
Benzene, 1,2,4,5-...	10.02	100.4	ng/ul	46492400	2	10.60	9263870	20.0
Benzene, 1-methyl...	10.29	31.6	ng/ul	14654300	2	10.60	9263870	20.0
(DEL) Alkane: Cyc...	10.45	6.9	ng/ul	3178710	2	10.60	9263870	20.0
(DEL) Alkane: Cyc...	10.48	8.3	ng/ul	3866000	2	10.60	9263870	20.0
(DEL) Alkane: Cyc...	11.28	12.1	ng/ul	5617460	2	10.60	9263870	20.0
(DEL) Alkane: Cyc...	12.70	22.2	ng/ul	3294400	3	14.44	2967500	20.0
(DEL) Alkane: Str...	12.95	34.5	ng/ul	5116090	3	14.44	2967500	20.0
(DEL) Alkane: Str...	15.67	21.7	ng/ul	3215500	3	14.44	2967500	20.0
(DEL) Alkane: Str...	16.16	26.5	ng/ul	6169790	4	17.19	4650680	20.0
(DEL) Alkane: Str...	16.97	14.6	ng/ul	3389590	4	17.19	4650680	20.0