LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

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_M\METHODS\SOM-EPA-BM102418MA.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	3.057	9	12	15	rBV	31007	31461	0.64%	0.104%
2	3.081	15	16	18	rVV2	15672	14121	0.29%	0.047%
3	3.110	18	21	23	rVV2	23997	28205	0.57%	0.094%
4	3.146	23	27	39	rVB	1124985	1283888	26.06%	4.262%
5	3.346	59	61	64	rBV4	5442	6292	0.13%	0.021%
6	3.434	73	76	78	rBV	15231	17059	0.35%	0.057%
7	3.463	78	81	86	rVB	53676	64490	1.31%	0.214%
8	3.551	93	96	99	rBV4	3853	5695	0.12%	0.019%
9	3.793	130	137	139	rBV5	11318	20708	0.42%	0.069%
10	3.822	141	142	145	rVB2	7433	6639	0.13%	0.022%
11	3.922	154	159	167	rVB7	8459	15333	0.31%	0.051%
12	4.022	172	176	182	rVB	54486	67873	1.38%	0.225%
13	4.093	185	188	191	rBV4	5731	7461	0.15%	0.025%
14	4.228	208	211	213	rBV5	5449	8386	0.17%	0.028%
15	4.287	219	221	227	rVB5	7103	9034	0.18%	0.030%
16	4.351	227	232	235	rBV6	11790	20234	0.41%	0.067%
17	4.398	236	240	245	rVB	70945	88069	1.79%	0.292%
18	4.451	245	249	253	rVB5	8678	13442	0.27%	0.045%
19	4.540	253	264	266	rBV3	83301	159668	3.24%	0.530%
20	4.569	266	269	272	rVB	64077	75151	1.53%	0.249%
21	4.616	272	277	278	rBV	103712	120681	2.45%	0.401%
22	4.663	278	285	288	rBV4	248757	562639	11.42%	1.868%
23	4.728	293	296	303	rVV	349071	476808	9.68%	1.583%
24	4.816	303	311	313	rVV5	32125	59588	1.21%	0.198%
25	4.857	313	318	323	rVV	321726	485624	9.86%	1.612%
26	4.904	323	326	328	rVV2	52796	74012	1.50%	0.246%
27	4.940	328	332	340	rVV3	256378	591764	12.01%	1.965%
28	5.022	342	346	348	rVV	192639	301182	6.11%	1.000%
29	5.063	348	353	356	rVV4	227297	503980	10.23%	1.673%
30	5.098	356	359	363	rVV	207928	291179	5.91%	0.967%
31	5.151	363	368	372	rVV2	163035	256989	5.22%	0.853%
32	5.210	372	378	383	rVV	486020	839452	17.04%	2.787%
33	5.263	383	387	393	rVB	158223	228395	4.64%	0.758%
34	5.345	395	401	407	rBV	103137	168911	3.43%	0.561%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

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_M\METHODS\SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION

35	5.404	407	411	413	rVV	125222	179204	3.64%	0.595%
36	5.428	413	415	421	rVV	123879	154773	3.14%	0.514%
37	5.487	421	425	436	rVB4	32914	74385	1.51%	0.247%
38	5.604	441	445	447	rBV	26105	35879	0.73%	0.119%
39	5.645	447	452	460	rVB	500847	726169	14.74%	2.411%
40	5.710	460	463	468	rVB2	14191	17965	0.36%	0.060%
41	5.781	470	475	480	rBV3	23644	35074	0.71%	0.116%
42	5.928	495	500	503	rBV5	12128	18077	0.37%	0.060%
43	5.969	503	507	513	rVB4	16825	25881	0.53%	0.086%
44	6.028	513	517	520	rBV4	12417	18703	0.38%	0.062%
45	6.157	529	539	545	rBV5	18383	43497	0.88%	0.144%
46	6.222	545	550	555	rVV5	15333	23976	0.49%	0.080%
47	6.298	558	563	569	rBV5	12766	23911	0.49%	0.079%
48	6.392	576	579	583	rVB4	8699	11211	0.23%	0.037%
49	6.475	589	593	597	rVV5	5232	8287	0.17%	0.028%
50	6.545	597	605	608	rVV8	12991	28746	0.58%	0.095%
51	6.592	610	613	617	rVV5	13975	25054	0.51%	0.083%
52	6.639	617	621	626	rVV7	17198	33046	0.67%	0.110%
53	6.698	627	631	637	rVV5	10636	17953	0.36%	0.060%
54	6.745	637	639	643	rVV5	4551	7248	0.15%	0.024%
55	6.810	646	650	656	rVB6	7442	14494	0.29%	0.048%
56	6.887	656	663	669	rVB6	7466	14224	0.29%	0.047%
57	7.151	702	708	712	rBV6	12134	22114	0.45%	0.073%
58	7.645	785	792	801	rBV	817037	1374881	27.90%	4.564%
59	7.769	810	813	819	rVB5	6474	10144	0.21%	0.034%
60	7.869	825	830	832	rBV5	4897	7201	0.15%	0.024%
61	8.169	874	881	886	rVB6	8170	13387	0.27%	0.044%
62	8.233	886	892	896	rVV4	7054	11457	0.23%	0.038%
63	8.298	900	903	911	rVB4	10896	17503	0.36%	0.058%
64	8.404	918	921	925	rVB4	6592	9144	0.19%	0.030%
65	8.875	996	1001	1004	rVB4	3573	5518	0.11%	0.018%
66	10.422	1255	1264	1279	rBV	1092124	1952871	39.63%	6.483%
67	10.563	1285	1288	1292	rVB5	7528	11204	0.23%	0.037%
68	11.174	1388	1392	1395	rBV4	4088	5228	0.11%	0.017%
69	11.504	1442	1448	1450	rBV5	5808	10494	0.21%	0.035%
70	12.833	1666	1674	1681	rBV8	14640	41218	0.84%	0.137%
71	13.121	1718	1723	1724	rVV4	4612	5607	0.11%	0.019%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

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_M\METHODS\SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION

72	13.180	1732	1733	1739	rVB4	5776	7353	0.15%	0.024%
73	13.333	1754	1759	1763	rVB6	4545	7501	0.15%	0.025%
74	14.292	1915	1922	1936	rBV2	1610432	2763539	56.08%	9.174%
75	14.627	1975	1979	1984	rBV5	4126	9112	0.18%	0.030%
76	15.315	2092	2096	2097	rBV3	5326	7228	0.15%	0.024%
77	16.045	2211	2220	2228	rBV6	22654	54357	1.10%	0.180%
78	16.145	2233	2237	2241	rBV6	4943	6906	0.14%	0.023%
79	16.198	2241	2246	2247	rBV5	6432	8626	0.18%	0.029%
80	16.256	2252	2256	2260	rBV5	10751	18496	0.38%	0.061%
81	16.598	2311	2314	2318	rBV4	7830	13342	0.27%	0.044%
82	16.833	2352	2354	2356	rBV3	10669	13200	0.27%	0.044%
83	16.868	2356	2360	2364	rVB3	26867	37761	0.77%	0.125%
84	17.045	2384	2390	2407	rBV	2251064	3720758	75.51%	12.352%
85	19.115	2739	2742	2748	rVB	53226	77151	1.57%	0.256%
86	19.256	2763	2766	2770	rVB5	67354	89482	1.82%	0.297%
87	19.827	2860	2863	2867	rVB4	74424	80248	1.63%	0.266%
88	19.968	2883	2887	2891	rBV2	201775	270306	5.49%	0.897%
89	20.003	2891	2893	2896	rBV2	39951	46477	0.94%	0.154%
90	20.244	2931	2934	2939	rVB	261134	319666	6.49%	1.061%
91	20.403	2958	2961	2966	rBV5	91953	119157	2.42%	0.396%
92	20.497	2975	2977	2981	rVB	95320	102700	2.08%	0.341%
93	20.562	2986	2988	2995	rVB5	155625	216792	4.40%	0.720%
94	20.709	3010	3013	3018	rVB4	146133	177153	3.60%	0.588%
95	20.980	3054	3059	3064	rVB2	144620	265389	5.39%	0.881%
96	21.244	3098	3104	3114	rBV	3144607	4927426	100.00%	16.358%
97	21.403	3129	3131	3134	rVB	131699	118814	2.41%	0.394%
98	21.833	3202	3204	3209	rVB3	163879	163194	3.31%	0.542%
99	22.785	3364	3366	3372	rVB3	233597	293839	5.96%	0.975%
100	23.450	3473	3479	3489	rBV	2268846	4246730	86.19%	14.098%

Sum of corrected areas: 30122844

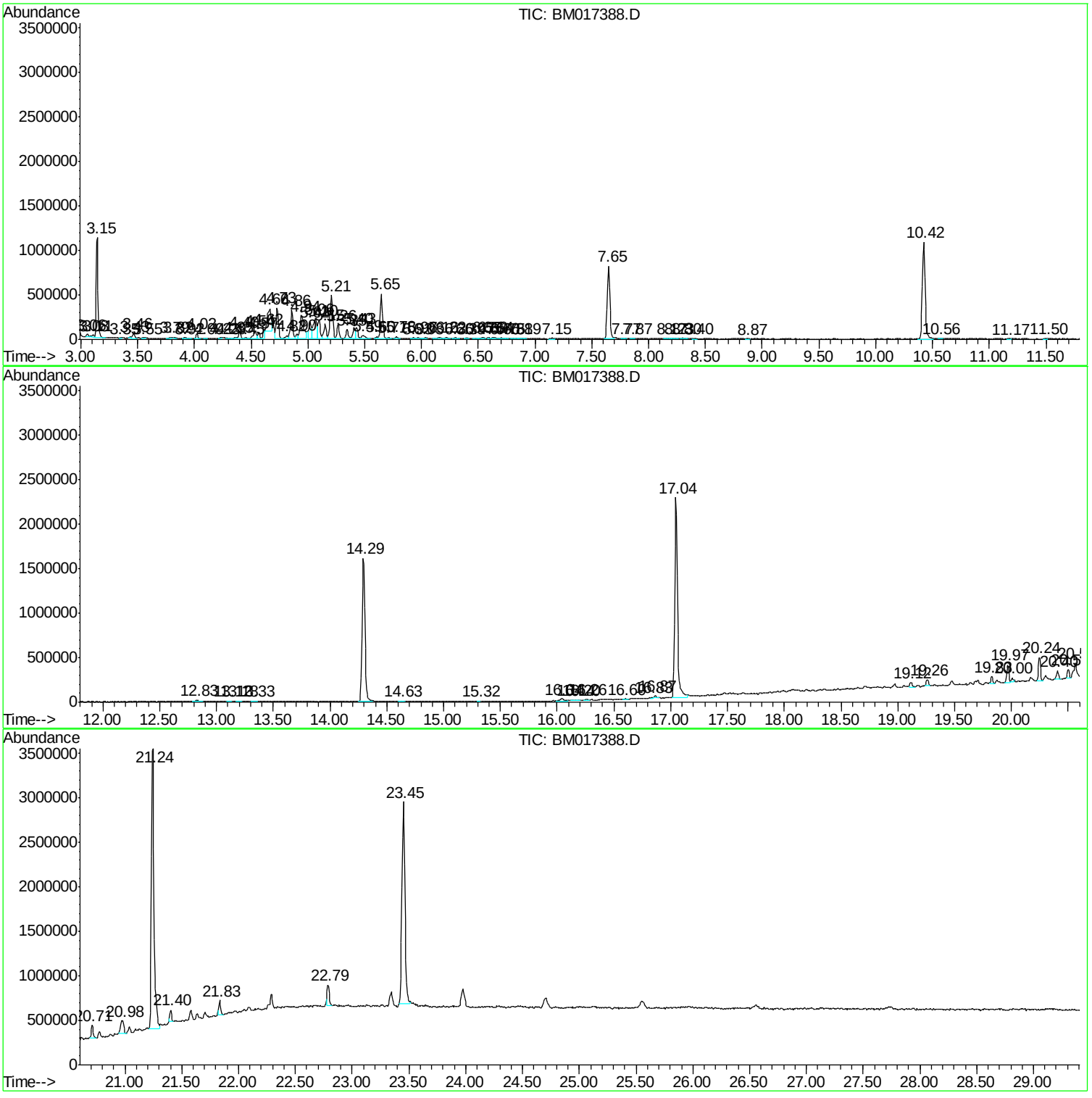
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

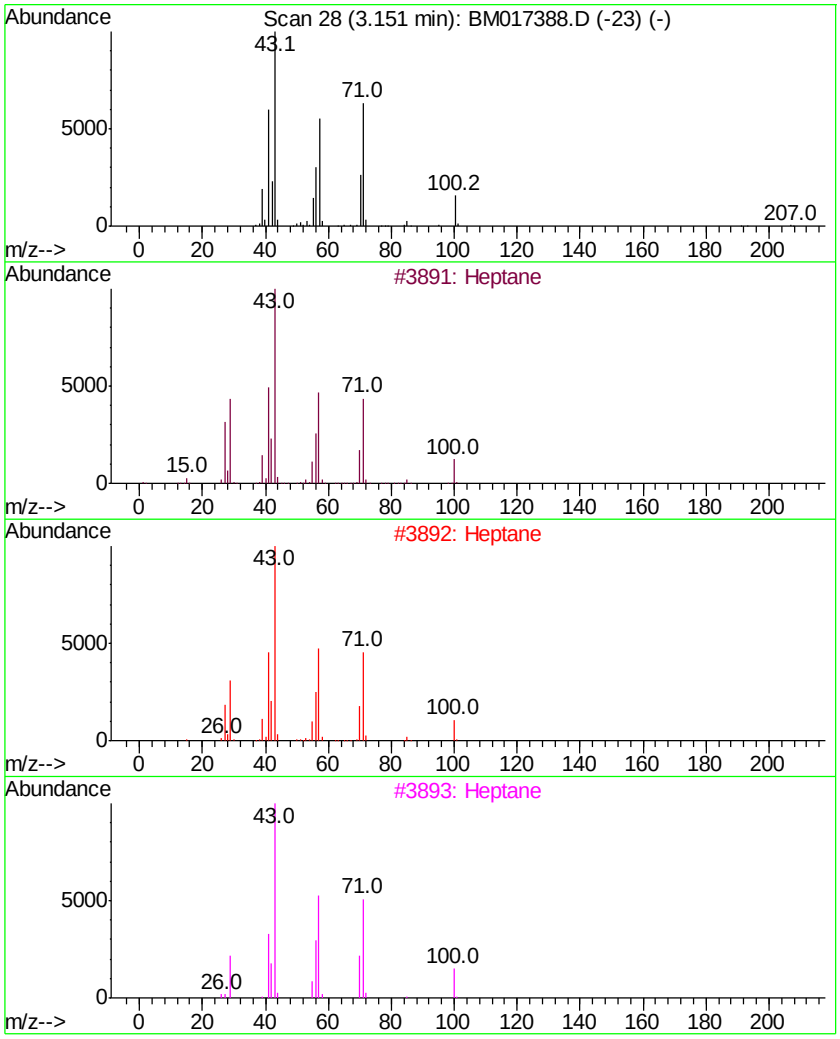
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

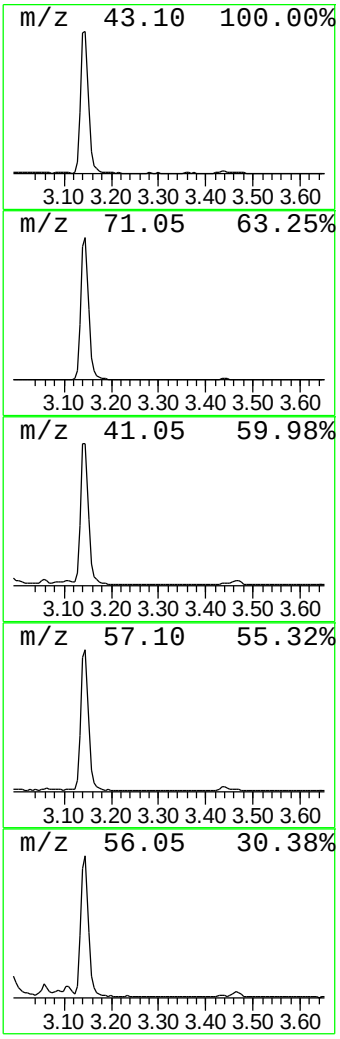
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	18.68 ng/ul	1283890	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	94
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	86
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

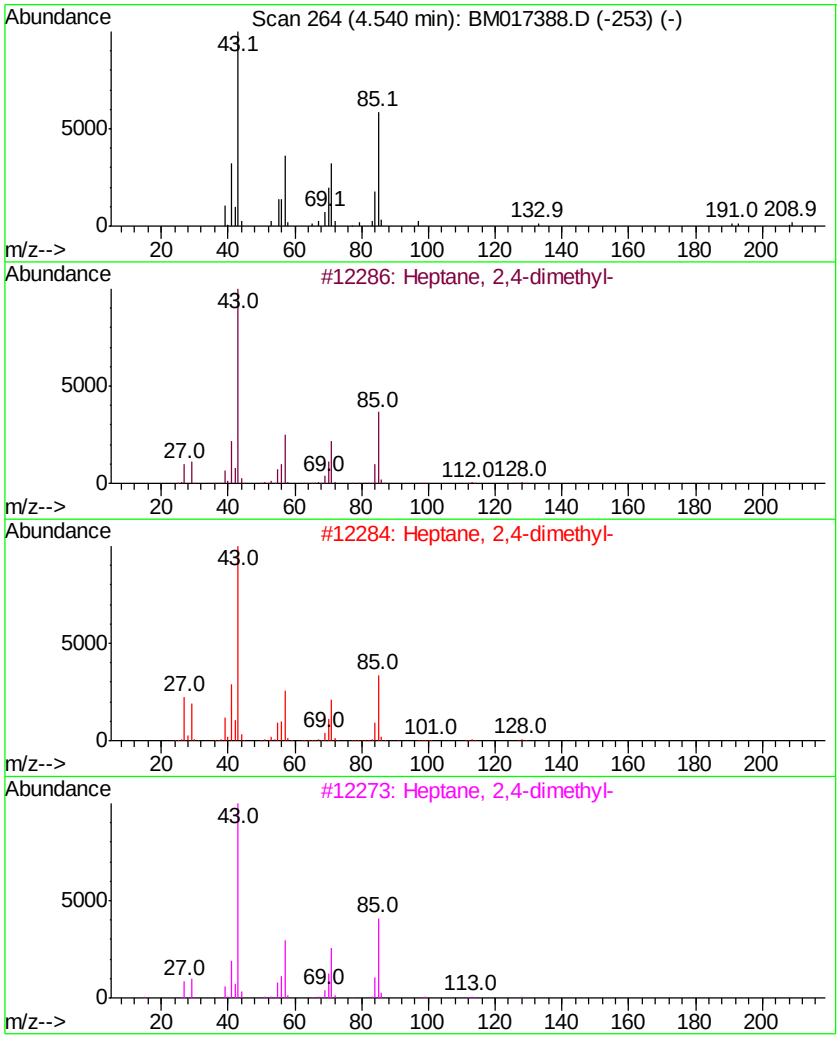
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

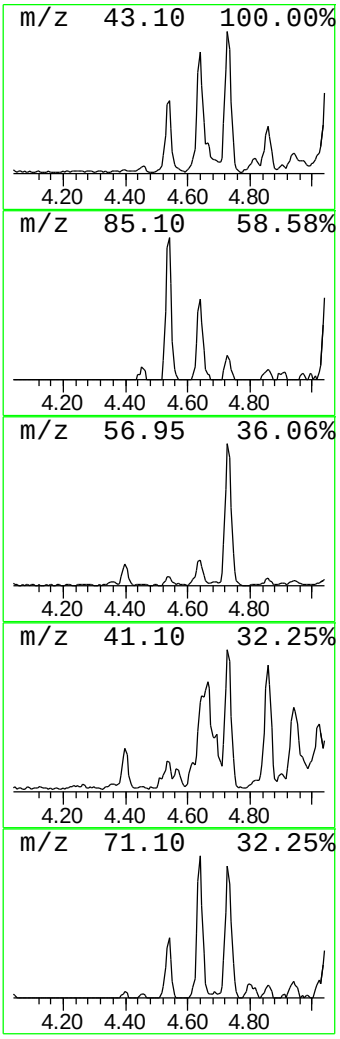
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	2.32 ng/ul	159668	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	83
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	83
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4	Octane	114	C8H18	000111-65-9	64
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

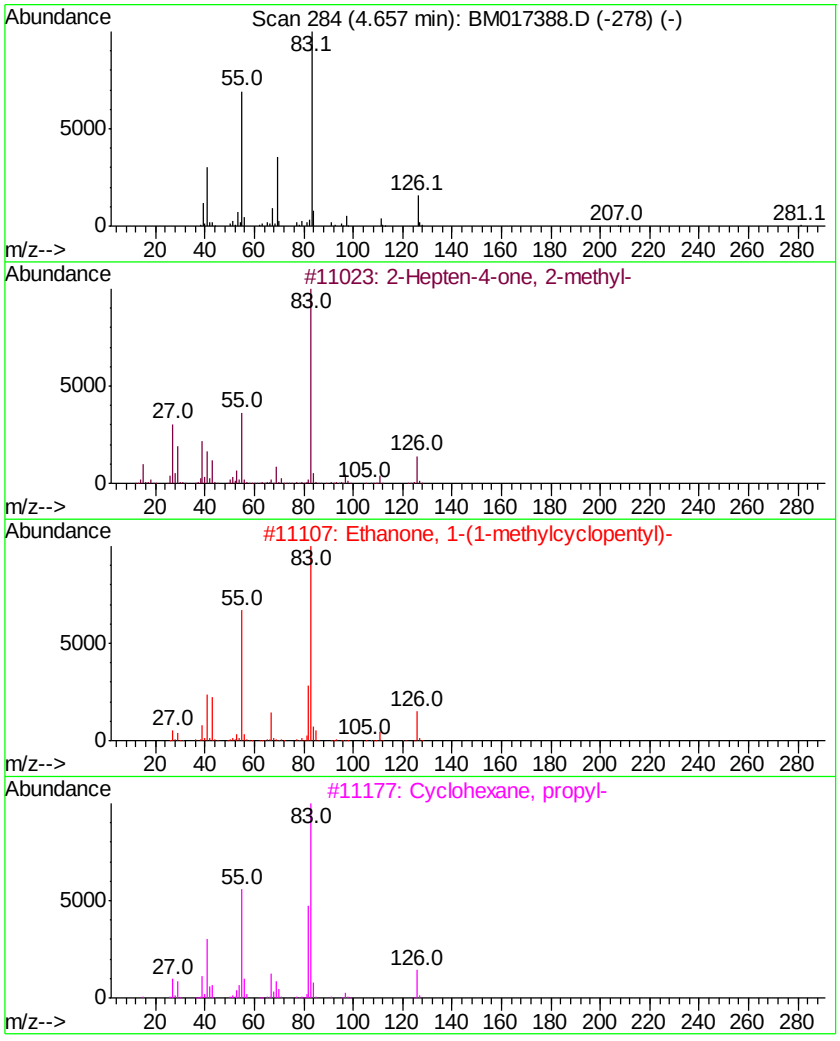
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

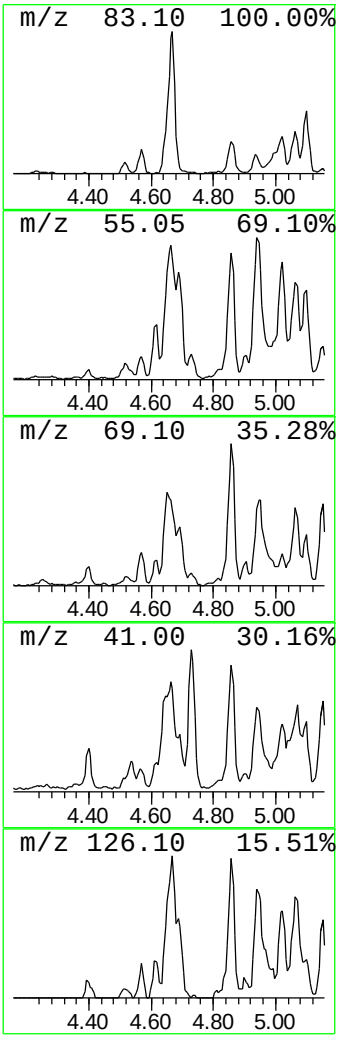
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic4.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	8.18 ng/ul	562639	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hepten-4-one, 2-methyl-	126	C8H14O	022319-24-0	78
2	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	2,6-Octadiene, 2,4-dimethyl-	138	C10H18	063843-03-8	64
5	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

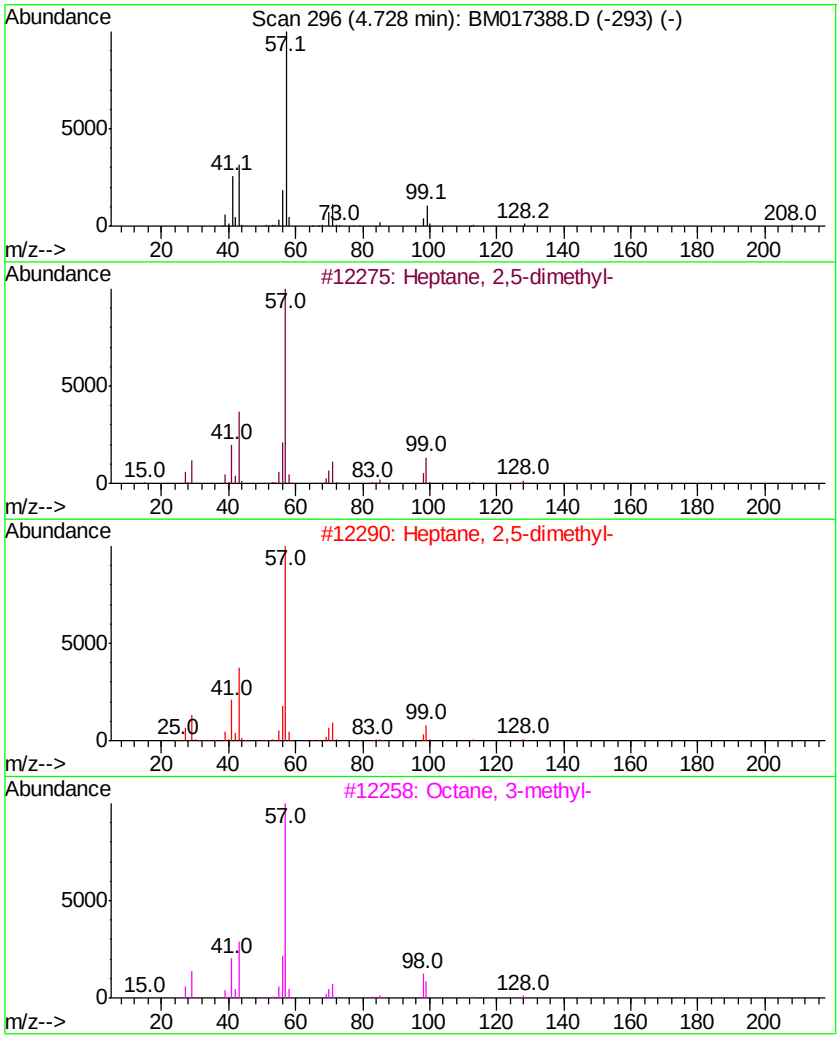
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

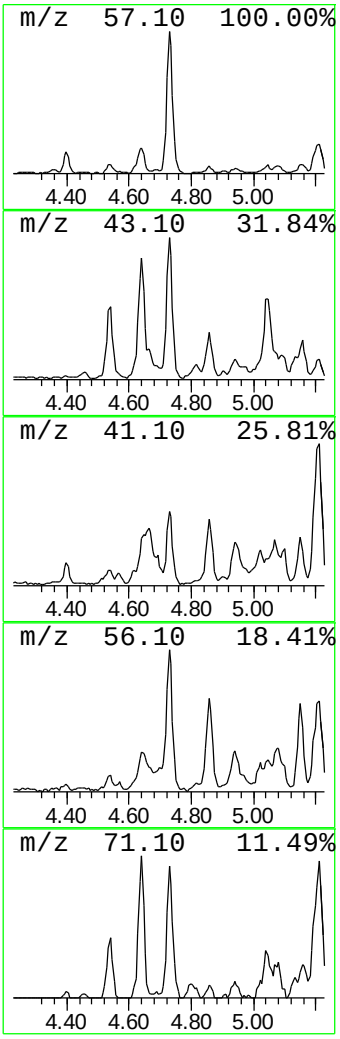
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	6.94 ng/ul	476808	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
3	Octane, 3-methyl-	128	C9H20	002216-33-3	83
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

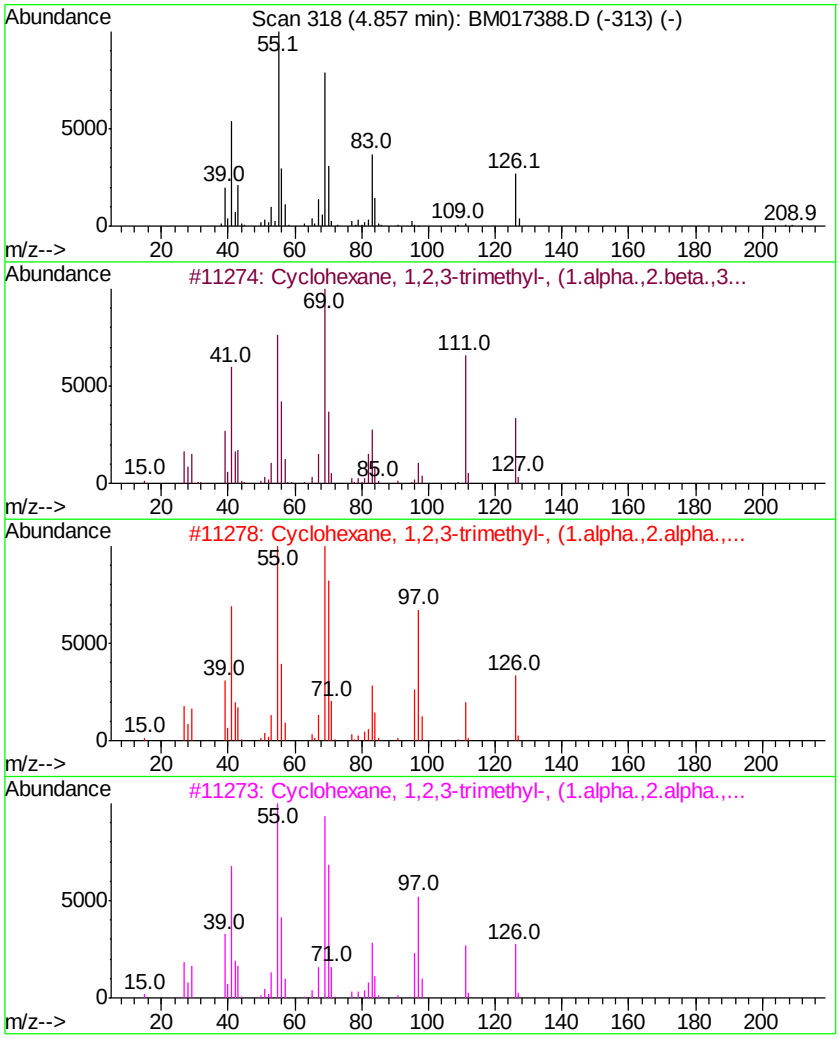
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

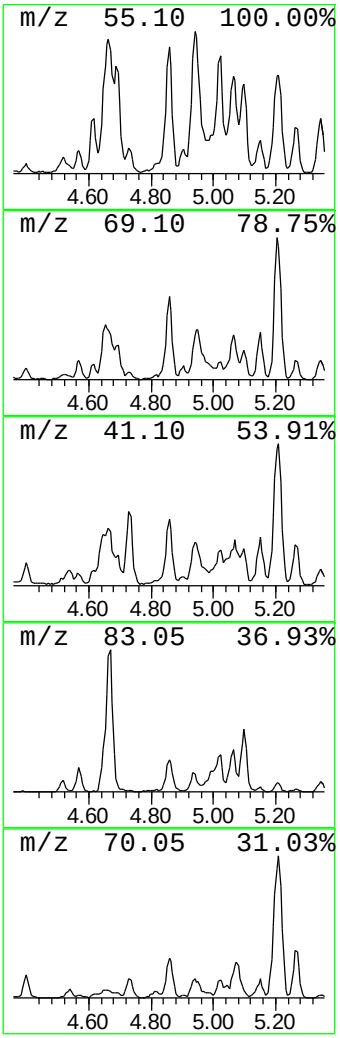
****

Peak Number 5 (DEL) Alkane: Cyclic4.86 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	7.06 ng/ul	485624	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	86
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	72
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	72
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	72
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

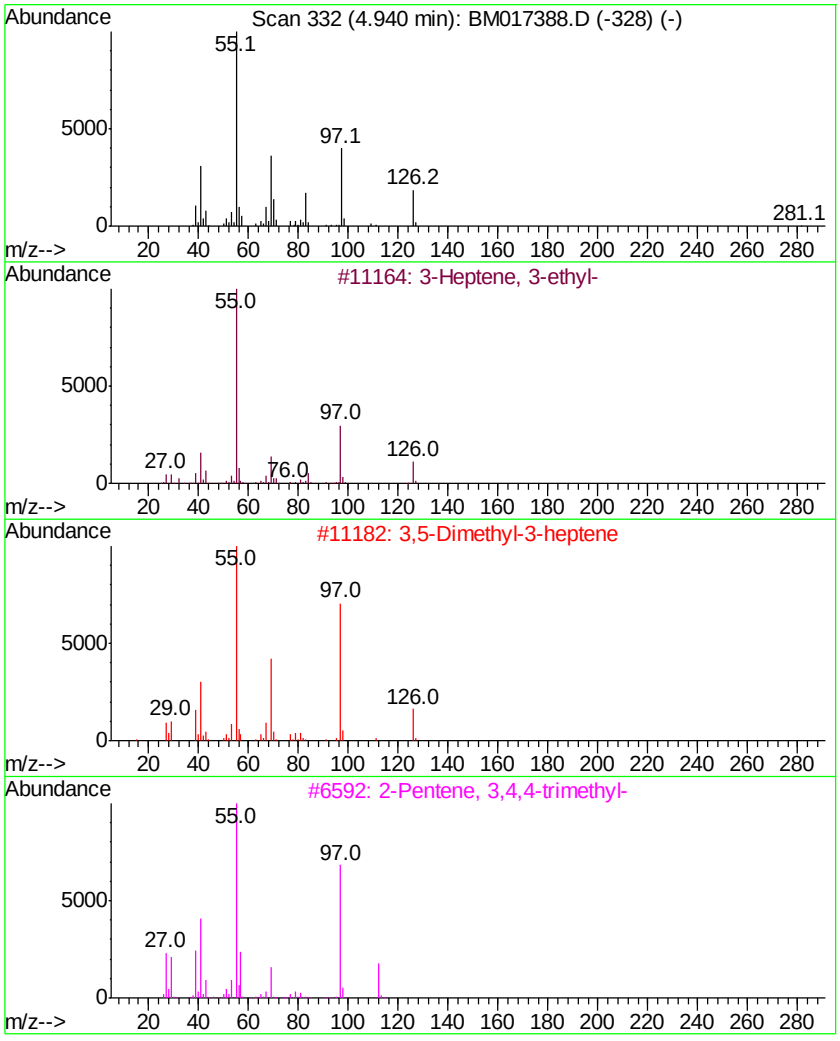
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

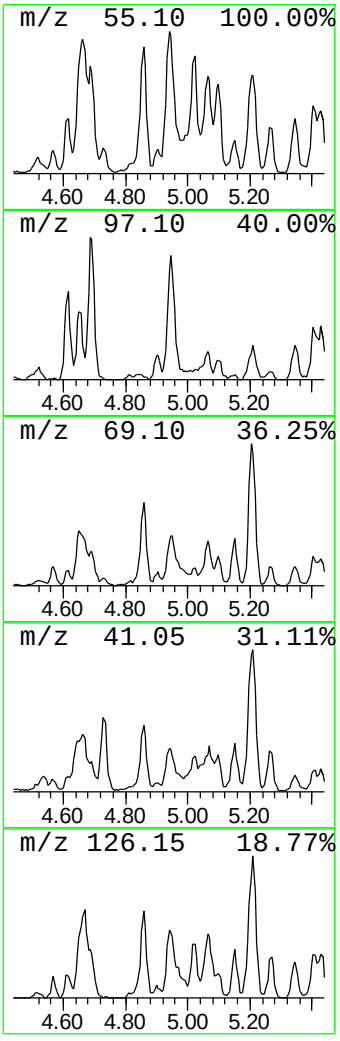
****

Peak Number 6 (DEL) Alkane: Cyclic4.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	8.61 ng/ul	591764	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	53
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	50
3	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	50
4	1-Decyn-4-ol	154	C10H18O	027907-00-2	47
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	45





Library Search Compound Report

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Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

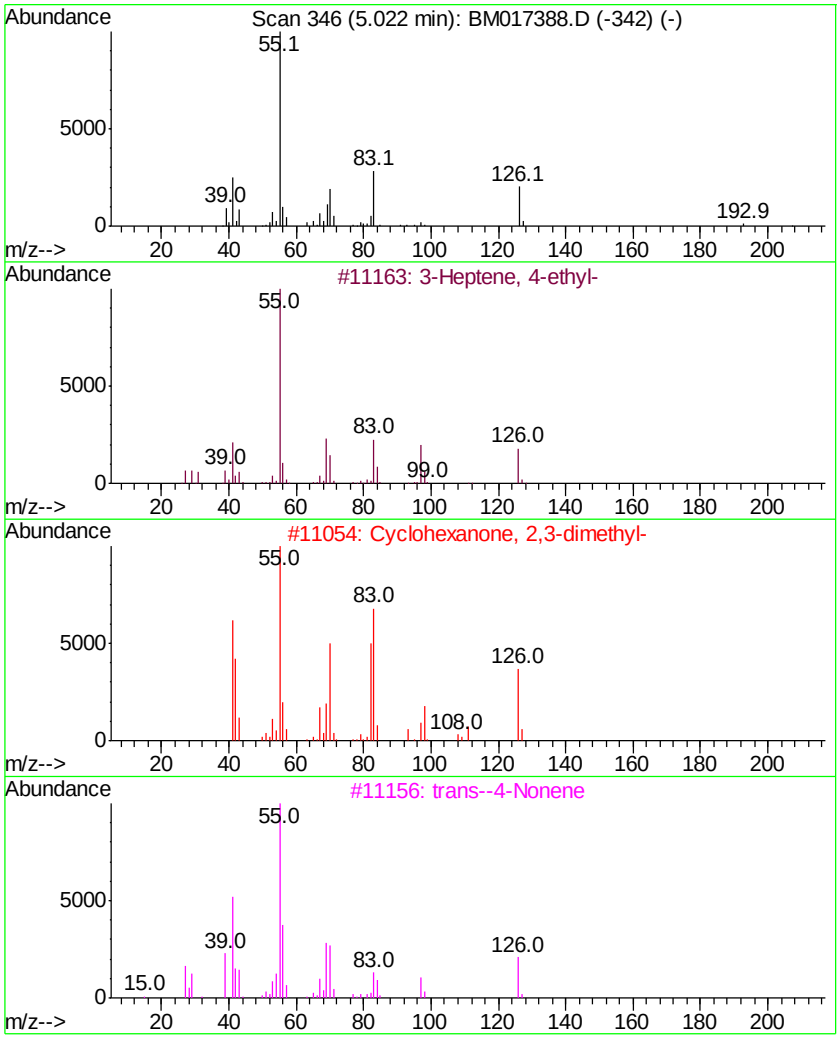
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

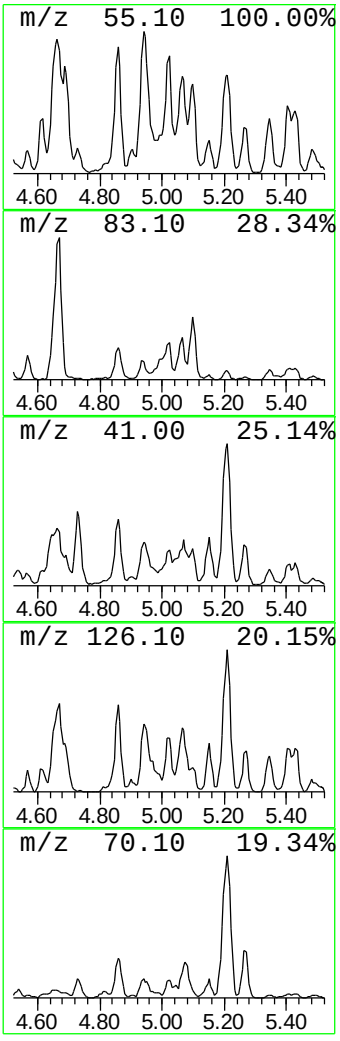
****

Peak Number 7 (DEL) Alkane: Cyclic5.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	4.38 ng/ul	301182	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	72
2	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	64
3	trans--4-Nonene	126	C9H18	010405-85-3	50
4	4-Nonene	126	C9H18	002198-23-4	50
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	47





Library Search Compound Report

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Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

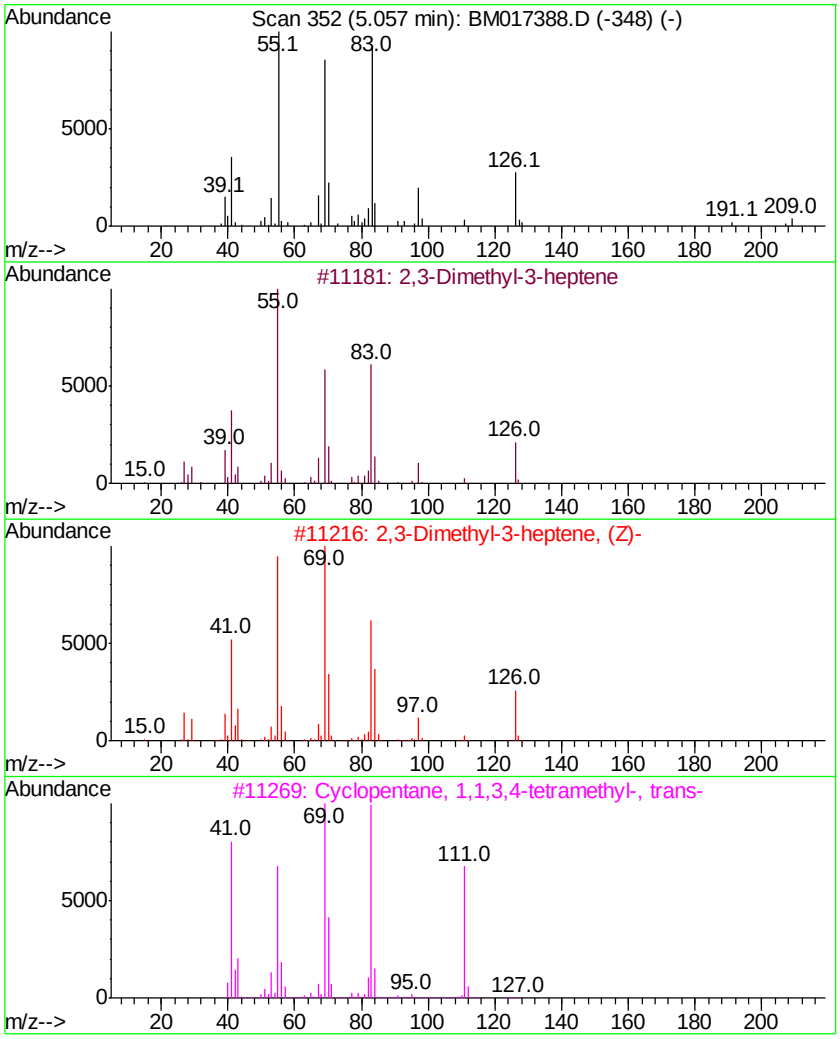
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

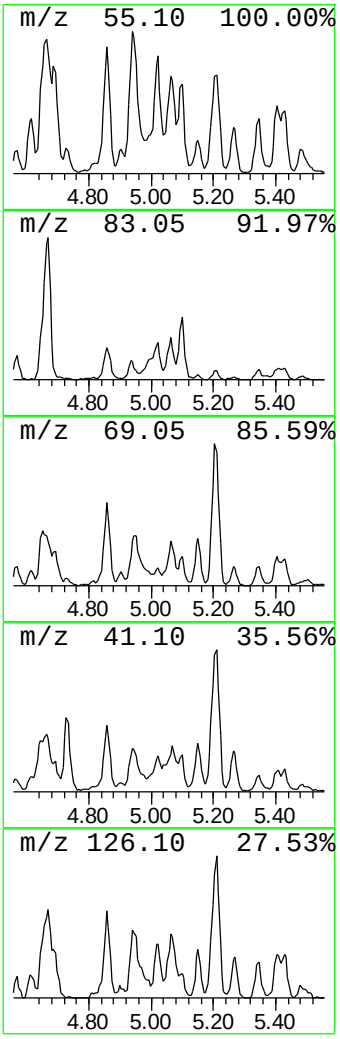
****

Peak Number 8 (DEL) Alkane: Cyclic5.06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	7.33 ng/ul	503980	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	91
2	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	59
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	59
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	50
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	50





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Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

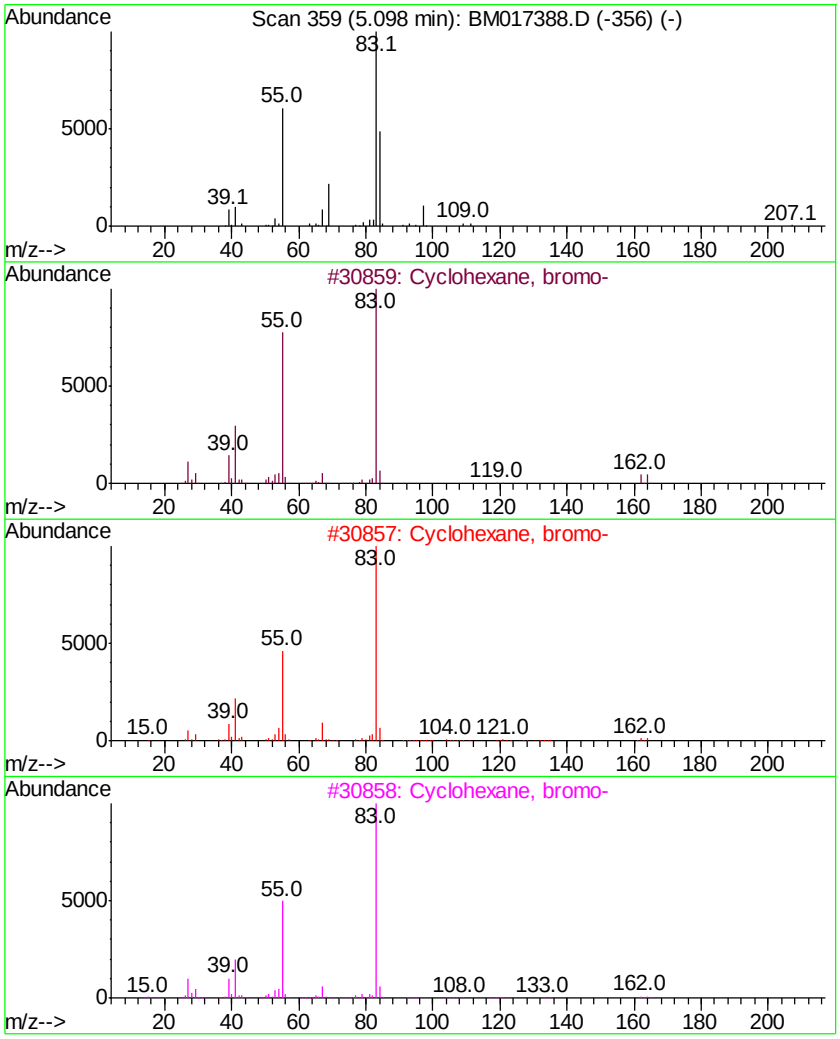
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

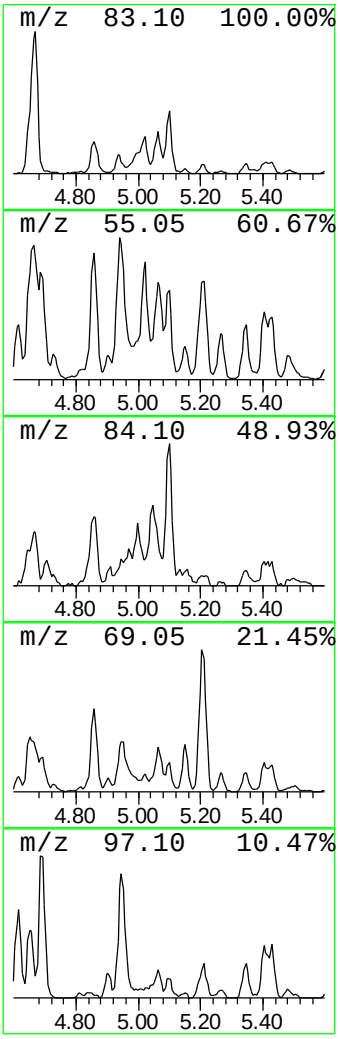
****

Peak Number 9 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	4.24 ng/ul	291179	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	40
2	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	40
3	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	38
4	Cyclohexanecarboxylic acid, 4-tr...	310	C20H38O2	1000280-59-5	36
5	2,6-Octadiene, 2,4-dimethyl-	138	C10H18	063843-03-8	33





Library Search Compound Report

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Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

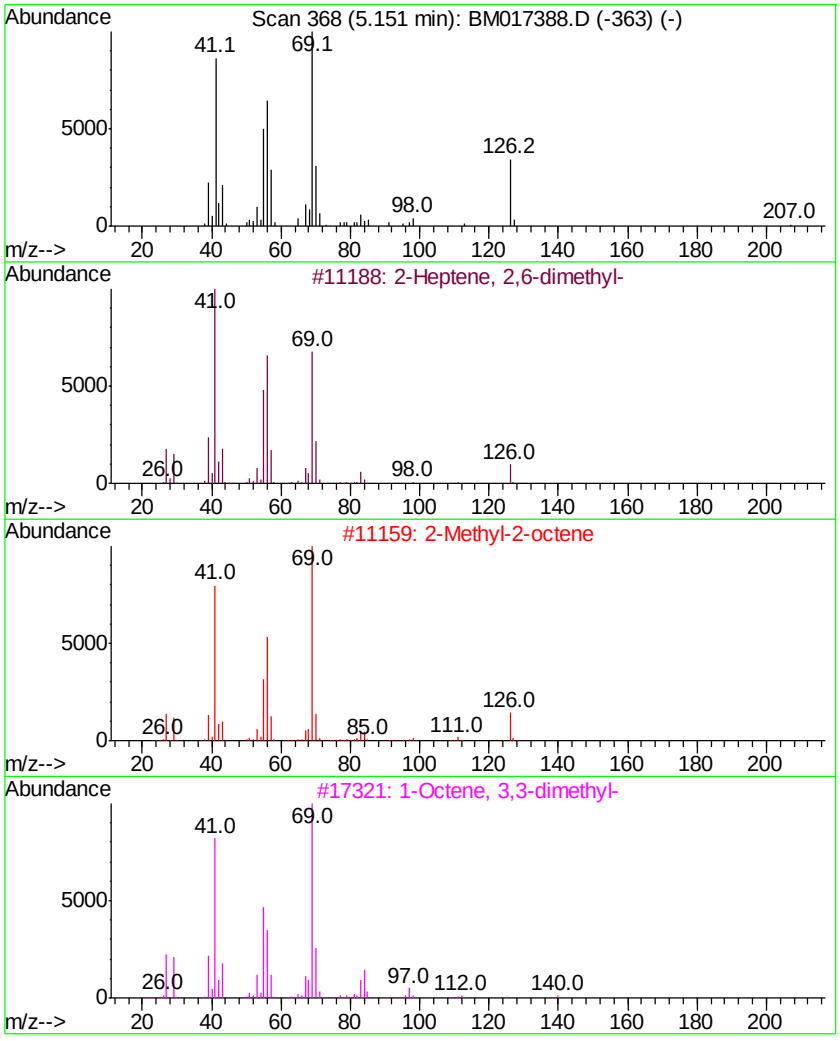
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

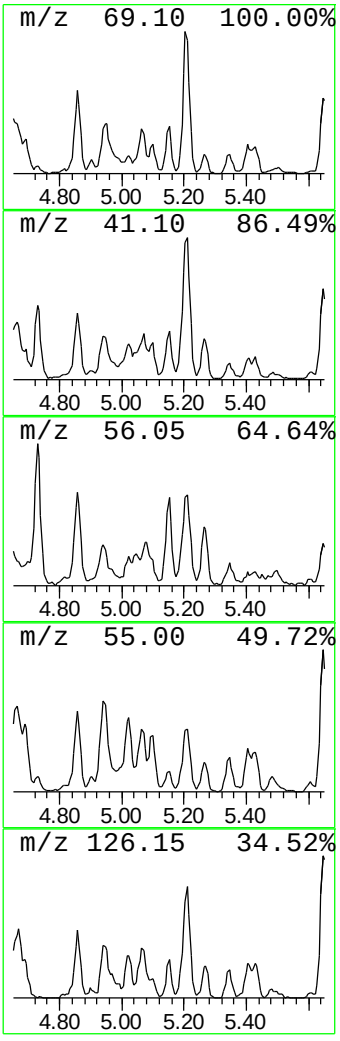
****

Peak Number 10 (DEL) Alkane: Cyclic5.15 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	3.74 ng/ul	256989	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	91
2	2-Methyl-2-octene	126	C9H18	016993-86-5	64
3	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	59
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	53
5	Cyclopentane, propyl-	112	C8H16	002040-96-2	50





Library Search Compound Report

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Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

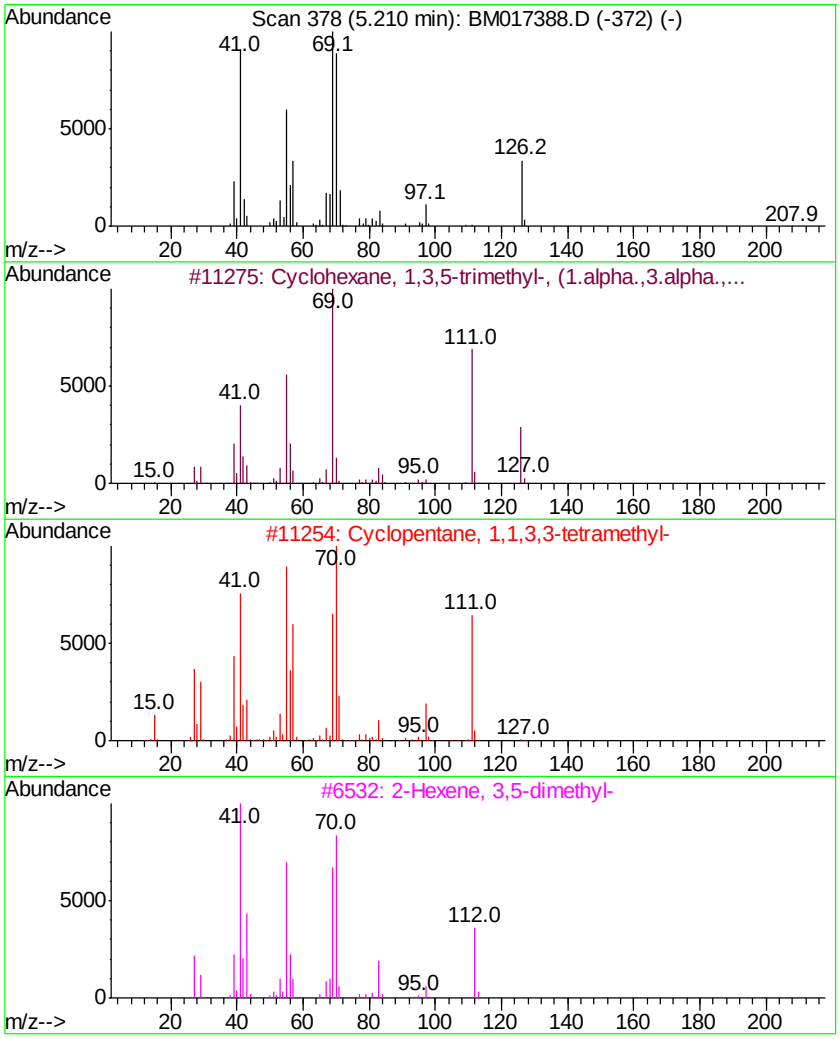
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

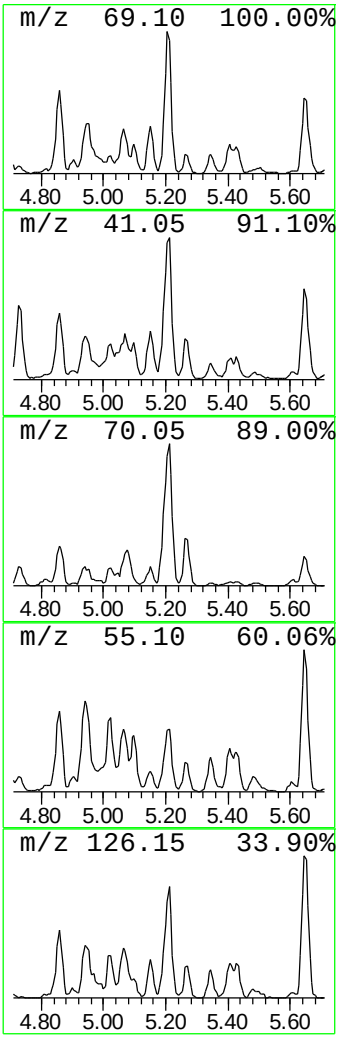
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic5.21 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	12.21 ng/ul	839452	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	46
2	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	43
3	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	43
4	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43





Library Search Compound Report

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Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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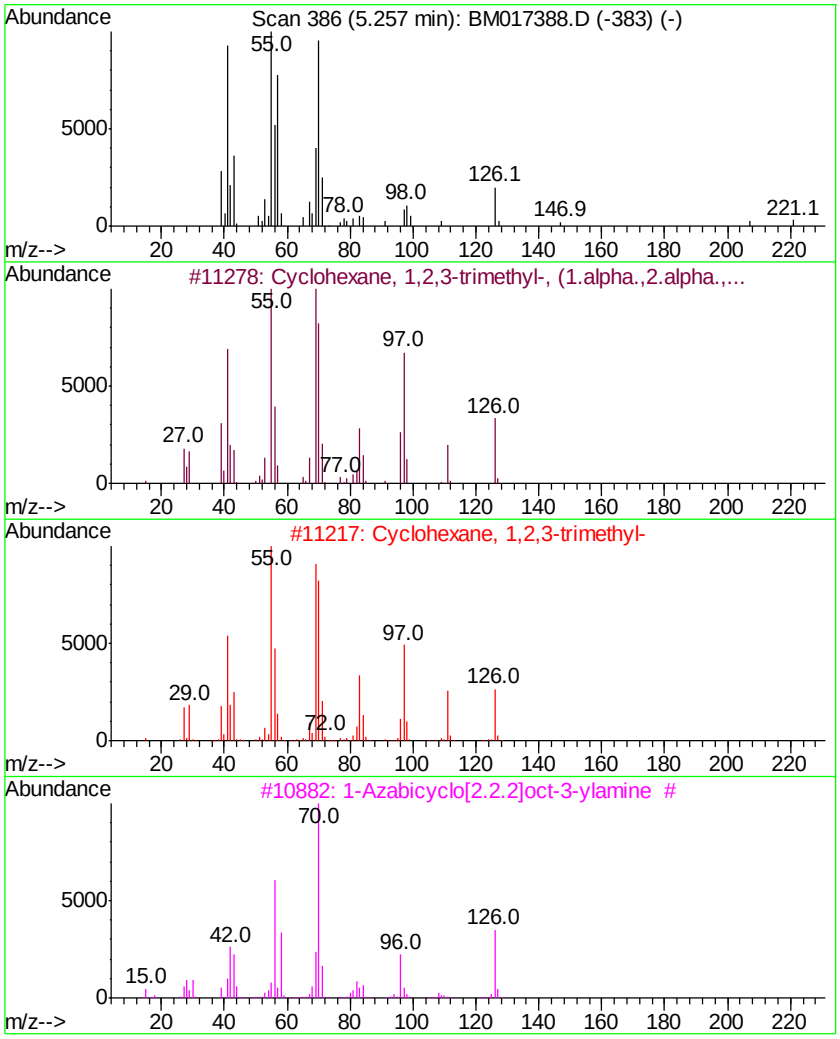
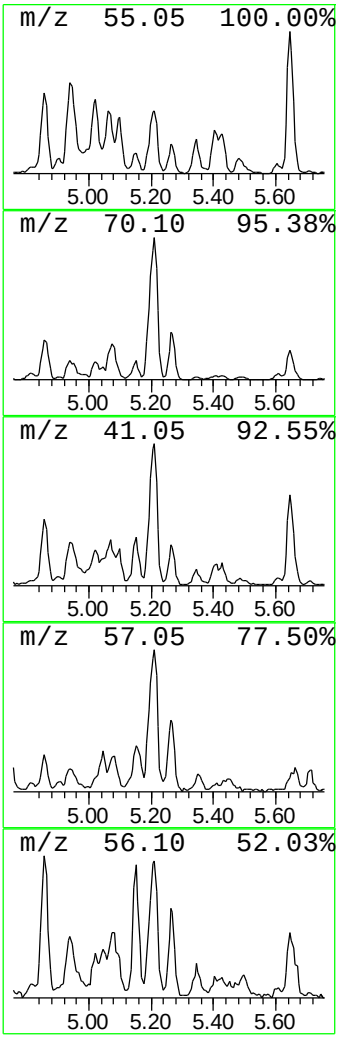
Peak Number 12 (DEL) Alkane: Cyclic5.26 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	3.32 ng/ul	228395	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	72
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	72
3	1-Azabicyclo[2.2.2]oct-3-ylamine #	126	C7H14N2	006238-14-8	59
4	3-Nonene	126	C9H18	020063-77-8	52
5	trans--4-Nonene	126	C9H18	010405-85-3	50





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Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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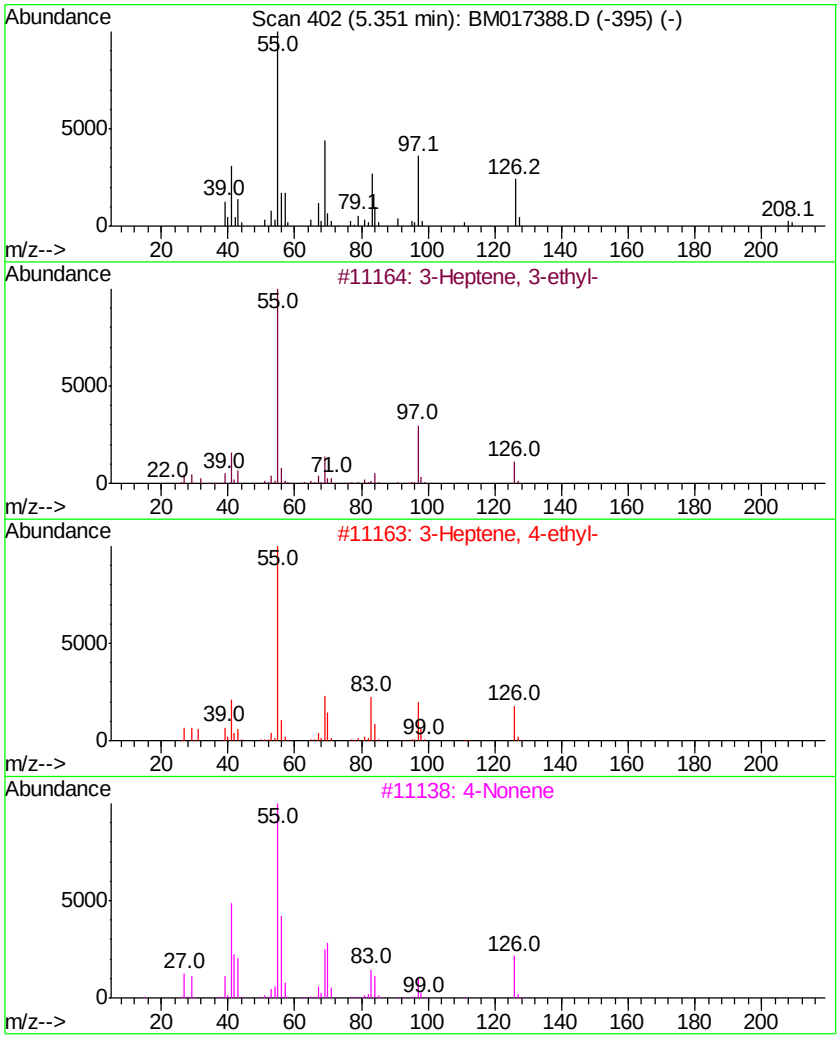
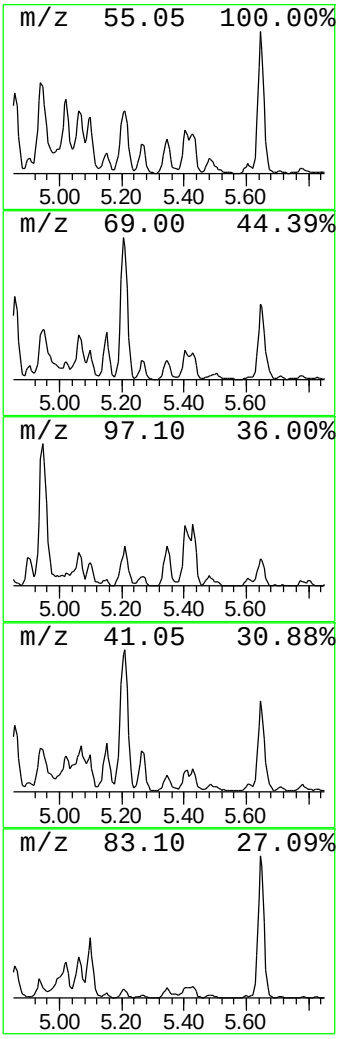
Peak Number 13 (DEL) Alkane: Cyclic5.35 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	2.46 ng/ul	168911	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	53
2	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	52
3	4-Nonene	126	C9H18	002198-23-4	47
4	cis-4-Nonene	126	C9H18	010405-84-2	47
5	4-Nonene	126	C9H18	002198-23-4	47





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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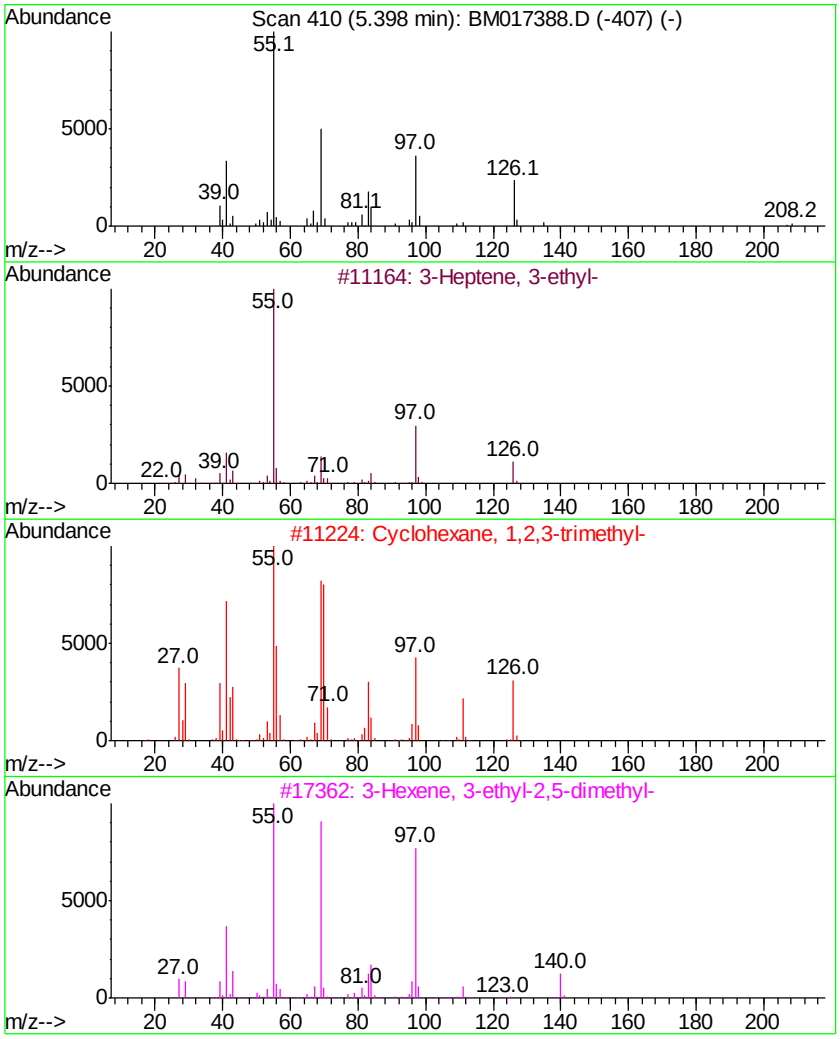
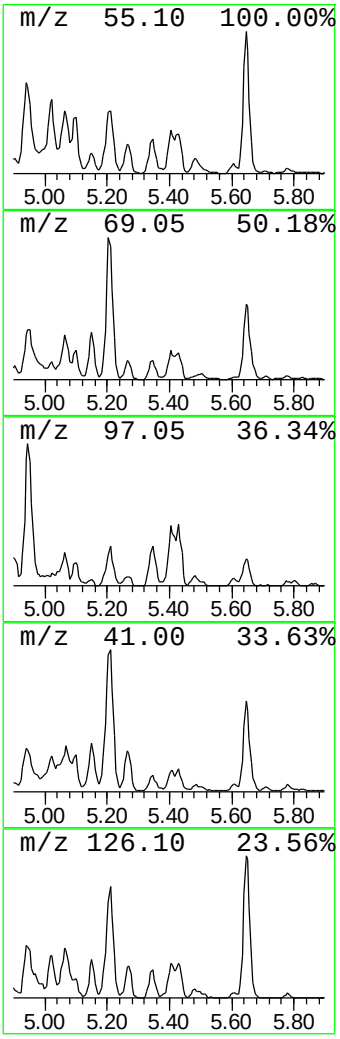
Peak Number 14 (DEL) Alkane: Cyclic5.40 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	2.61 ng/ul	179204	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	59
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	53
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	50
4	3-Hepten-2-one, (E)-	112	C7H12O	005609-09-6	50
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	50





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Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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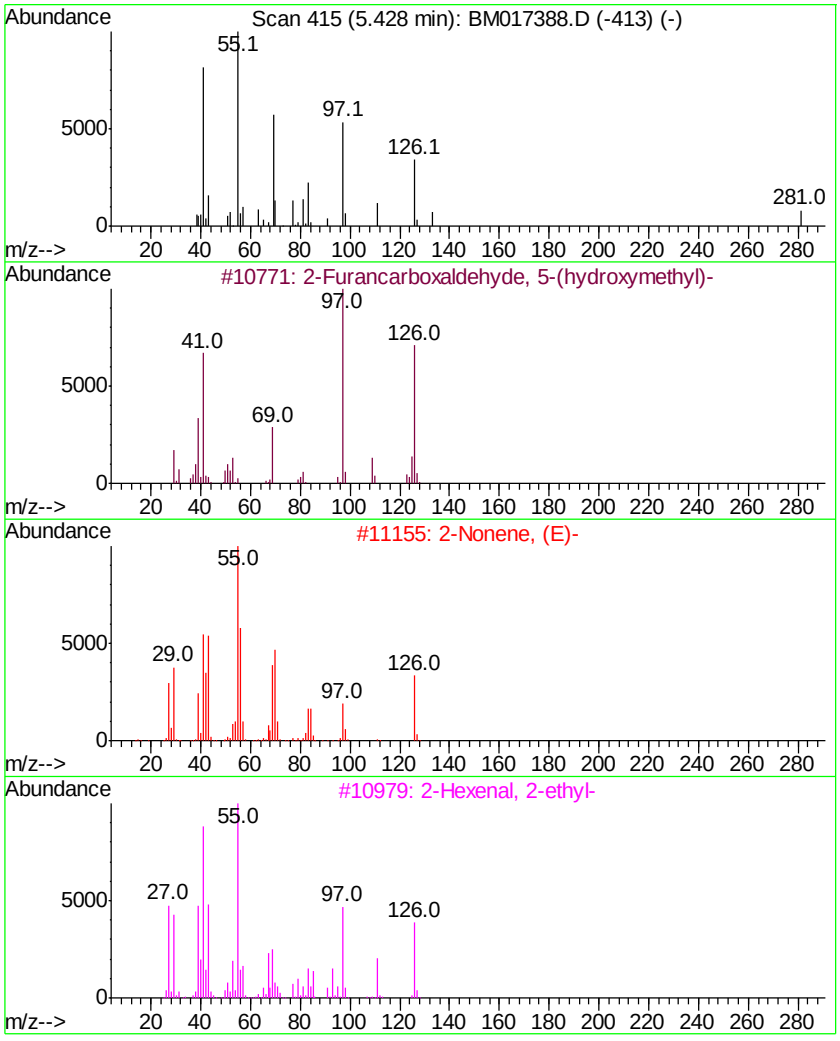
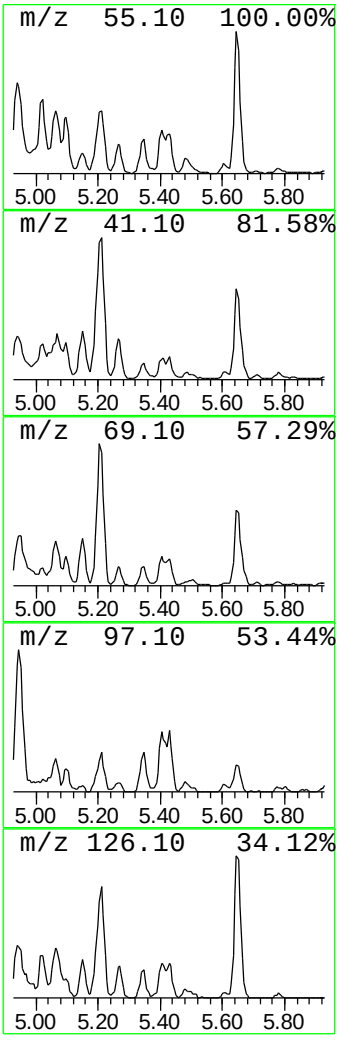
Peak Number 15 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	2.25 ng/ul	154773	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxaldehyde, 5-(hydrox...	126	C6H6O3	000067-47-0	43
2	2-Nonene, (E)-	126	C9H18	006434-78-2	43
3	2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	40
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	40
5	2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	40





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Sample : J5674-10
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ALS Vial : 70 Sample Multiplier: 1

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ClientSampleId :
C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

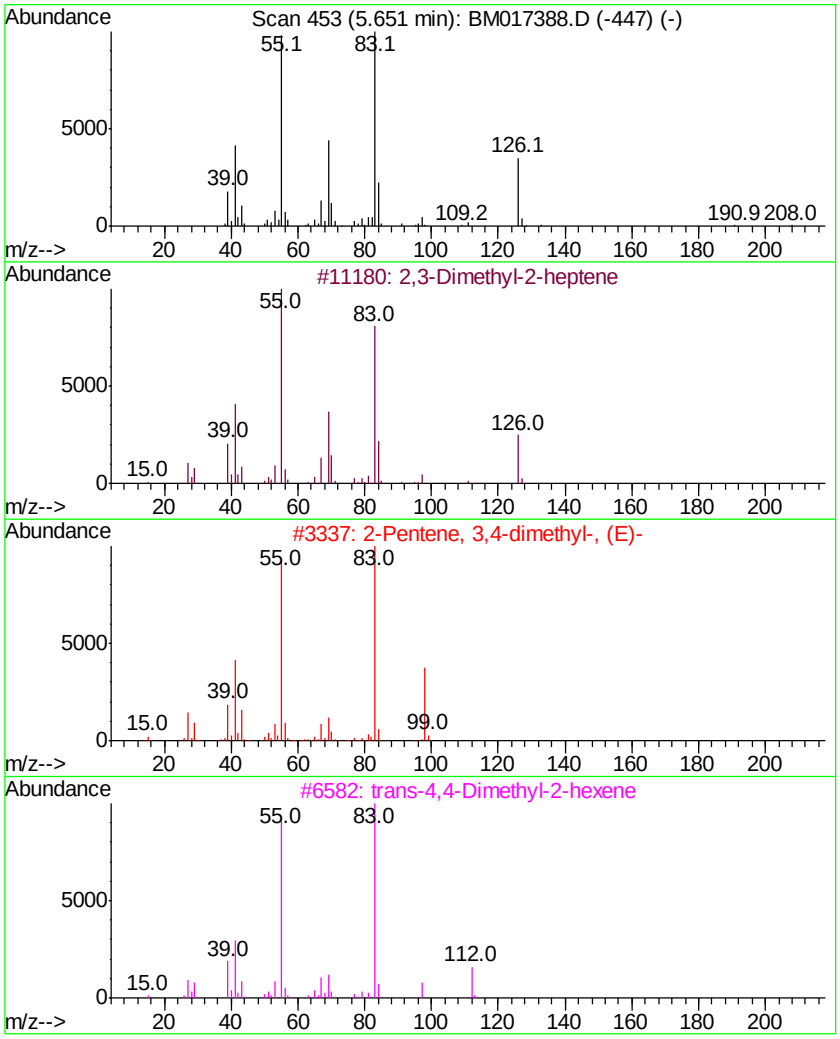
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

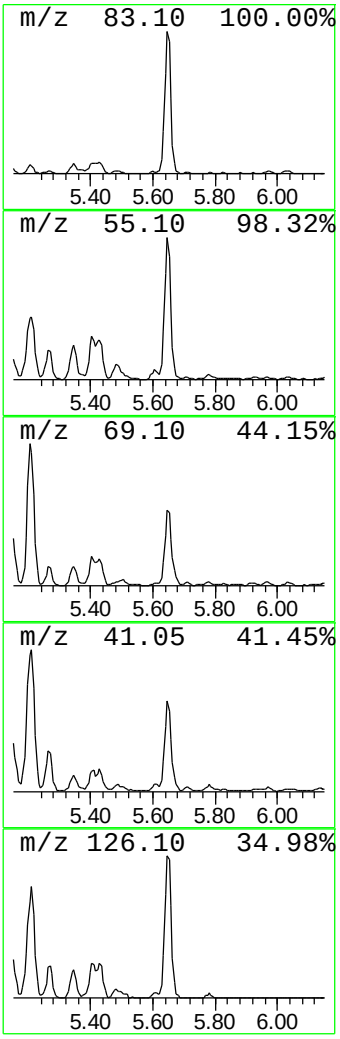
****

Peak Number 16 (DEL) Alkane: Cyclic5.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	10.56 ng/ul	726169	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	94
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	59
3	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	59
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	59
5	2(5H)-Furanone, 5-(2-methyl-3-me...	166	C10H14O2	1000155-85-8	59





Tentatively Identified Compound (LSC) summary

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Data File : BM017388.D
Acq On : 27 Oct 2018 15:22
Operator : MJ/SJ
Sample : J5674-10
Misc : GCMS Confirmation
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.15	18.7	ng/ul	1283890	1	7.65	1374880	20.0
(DEL) Alkane: Str...	4.54	2.3	ng/ul	159668	1	7.65	1374880	20.0
(DEL) Alkane: Cyc...	4.66	8.2	ng/ul	562639	1	7.65	1374880	20.0
(DEL) Alkane: Str...	4.73	6.9	ng/ul	476808	1	7.65	1374880	20.0
(DEL) Alkane: Cyc...	4.86	7.1	ng/ul	485624	1	7.65	1374880	20.0
(DEL) Alkane: Cyc...	4.94	8.6	ng/ul	591764	1	7.65	1374880	20.0
(DEL) Alkane: Cyc...	5.02	4.4	ng/ul	301182	1	7.65	1374880	20.0
(DEL) Alkane: Cyc...	5.06	7.3	ng/ul	503980	1	7.65	1374880	20.0
unknown-01	5.10	4.2	ng/ul	291179	1	7.65	1374880	20.0
(DEL) Alkane: Cyc...	5.15	3.7	ng/ul	256989	1	7.65	1374880	20.0
(DEL) Alkane: Cyc...	5.21	12.2	ng/ul	839452	1	7.65	1374880	20.0
(DEL) Alkane: Cyc...	5.26	3.3	ng/ul	228395	1	7.65	1374880	20.0
(DEL) Alkane: Cyc...	5.35	2.5	ng/ul	168911	1	7.65	1374880	20.0
(DEL) Alkane: Cyc...	5.40	2.6	ng/ul	179204	1	7.65	1374880	20.0
unknown-02	5.43	2.3	ng/ul	154773	1	7.65	1374880	20.0
(DEL) Alkane: Cyc...	5.65	10.6	ng/ul	726169	1	7.65	1374880	20.0