LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

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-BM121318MA.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	3.334	73	76	82	rVB2	51872	70596	1.38%	0.120%
2	3.646	124	129	136	rBV2	41893	78821	1.55%	0.133%
3	3.769	144	150	152	rBV2	39563	56673	1.11%	0.096%
4	3.805	152	156	163	rVB	67336	101655	1.99%	0.172%
5	3.958	177	182	185	rBV3	37531	55484	1.09%	0.094%
6	4.087	200	204	212	rVB3	38445	68918	1.35%	0.117%
7	4.310	237	242	247	rBV3	36441	71877	1.41%	0.122%
8	4.363	247	251	254	rBV2	46454	59966	1.18%	0.102%
9	4.405	254	258	265	rVB	111077	163060	3.20%	0.276%
10	4.505	265	275	281	rBV	135309	248581	4.87%	0.421%
11	4.593	286	290	296	rBV	256816	403487	7.91%	0.683%
12	4.652	296	300	305	rBV2	65853	103151	2.02%	0.175%
13	4.699	305	308	313	rVB	41409	58919	1.16%	0.100%
14	4.757	313	318	322	rBV3	103601	183118	3.59%	0.310%
15	4.904	339	343	346	rBV	110630	153766	3.02%	0.260%
16	4.946	346	350	354	rVB	156632	205340	4.03%	0.348%
17	4.981	354	356	365	rVB	61089	87612	1.72%	0.148%
18	5.099	370	376	392	rVB	142027	256722	5.03%	0.435%
19	5.222	392	397	407	rVB6	36864	93668	1.84%	0.159%
20	5.334	414	416	423	rVB3	36220	56275	1.10%	0.095%
21	5.410	423	429	433	rBV3	68948	123975	2.43%	0.210%
22	5.487	437	442	445	rBV	62089	83330	1.63%	0.141%
23	5.552	450	453	460	rVB2	50120	79862	1.57%	0.135%
24	5.622	460	465	471	rBV3	45414	69812	1.37%	0.118%
25	5.704	473	479	487	rVB2	63314	115901	2.27%	0.196%
26	5.799	487	495	502	rBV2	226841	484022	9.49%	0.820%
27	5.916	508	515	522	rVB	241554	462664	9.07%	0.784%
28	6.004	525	530	537	rBV4	220690	409064	8.02%	0.693%
29	6.075	537	542	546	rBV	346282	473494	9.29%	0.802%
30	6.122	546	550	552	rBV2	66657	86484	1.70%	0.146%
31	6.157	552	556	558	rBV3	129403	198219	3.89%	0.336%
32	6.269	573	575	580	rVB4	38780	60138	1.18%	0.102%
33	6.328	580	585	591	rVB5	29752	57962	1.14%	0.098%
34	6.393	591	596	604	rVB	268783	525008	10.30%	0.889%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

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-BM121318MA.M
Title : SVOA CALIBRATION

35	6.469	604	609	610	rBV	55882	70422	1.38%	0.119%
36	6.499	610	614	626	rVB	209359	324280	6.36%	0.549%
37	6.604	626	632	635	rBV	70930	108364	2.13%	0.184%
38	6.640	635	638	644	rBV3	61078	101723	1.99%	0.172%
39	6.704	644	649	661	rVB2	530394	989325	19.40%	1.676%
40	6.863	665	676	683	rVB	467266	793649	15.56%	1.344%
41	6.957	688	692	694	rBV2	44818	60414	1.18%	0.102%
42	6.987	694	697	702	rVB3	42331	59429	1.17%	0.101%
43	7.051	702	708	720	rVB	632302	1113094	21.83%	1.885%
44	7.216	728	736	741	rVB7	24172	57369	1.13%	0.097%
45	7.304	747	751	753	rBV3	36340	54591	1.07%	0.092%
46	7.404	758	768	774	rBV5	90215	294876	5.78%	0.499%
47	7.475	774	780	782	rBV	169714	226666	4.45%	0.384%
48	7.510	782	786	791	rVV	398587	596966	11.71%	1.011%
49	7.557	791	794	801	rVB2	75618	147520	2.89%	0.250%
50	7.681	811	815	819	rBV2	90007	124133	2.43%	0.210%
51	7.751	823	827	829	rBV	45434	60179	1.18%	0.102%
52	7.775	829	831	838	rVB3	71050	85047	1.67%	0.144%
53	7.869	842	847	853	rVB	181677	281575	5.52%	0.477%
54	7.922	853	856	862	rBV3	41182	57434	1.13%	0.097%
55	7.993	862	868	872	rBV	265165	412461	8.09%	0.699%
56	8.140	887	893	897	rBV	127454	217248	4.26%	0.368%
57	8.181	897	900	903	rVV3	62210	95643	1.88%	0.162%
58	8.228	903	908	918	rVV	727282	1223587	24.00%	2.072%
59	8.598	959	971	977	rBV	1035302	1640749	32.18%	2.779%
60	8.669	977	983	993	rVV2	708373	1236076	24.24%	2.093%
61	8.834	1006	1011	1018	rVB4	31951	60209	1.18%	0.102%
62	9.116	1053	1059	1065	rVB	720710	1076417	21.11%	1.823%
63	9.381	1095	1104	1113	rBV2	581455	1059893	20.79%	1.795%
64	9.528	1124	1129	1133	rBV	133401	215156	4.22%	0.364%
65	9.681	1148	1155	1163	rBV3	530048	932238	18.28%	1.579%
66	9.751	1163	1167	1173	rVB	65111	102166	2.00%	0.173%
67	9.869	1180	1187	1189	rBV	72726	108226	2.12%	0.183%
68	9.910	1189	1194	1201	rVV	769048	1354376	26.56%	2.294%
69	9.981	1201	1206	1214	rVB	201897	316545	6.21%	0.536%
70	10.275	1245	1256	1261	rVV	657708	1246323	24.44%	2.111%
71	10.322	1261	1264	1271	rVB2	233609	364587	7.15%	0.617%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

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-BM121318MA.M
Title : SVOA CALIBRATION

72	10.387	1271	1275	1277	rBV	44677	59002	1.16%	0.100%
73	10.434	1277	1283	1289	rVV	658377	1198983	23.51%	2.031%
74	10.492	1289	1293	1300	rVB2	92822	156252	3.06%	0.265%
75	11.186	1403	1411	1419	rVB	78624	135255	2.65%	0.229%
76	11.381	1439	1444	1451	rVB2	52528	83992	1.65%	0.142%
77	11.469	1454	1459	1467	rBV3	36115	67477	1.32%	0.114%
78	11.604	1476	1482	1488	rBV	56317	88037	1.73%	0.149%
79	11.669	1488	1493	1496	rVV	37097	55237	1.08%	0.094%
80	11.957	1533	1542	1552	rVB	164335	284349	5.58%	0.482%
81	12.175	1569	1579	1585	rBV	90215	166991	3.27%	0.283%
82	13.592	1814	1820	1824	rVV	1549967	2113860	41.46%	3.580%
83	13.639	1824	1828	1834	rVV	261030	359164	7.04%	0.608%
84	13.857	1858	1865	1879	rVB	1786085	2627915	51.54%	4.451%
85	14.169	1911	1918	1926	rBV2	973169	1519877	29.81%	2.574%
86	14.410	1951	1959	1975	rBV	486206	987519	19.37%	1.672%
87	14.739	2005	2015	2018	rBV4	39454	106346	2.09%	0.180%
88	15.174	2082	2089	2100	rVB	2270578	3341355	65.53%	5.659%
89	15.321	2108	2114	2125	rBV	712835	1101819	21.61%	1.866%
90	16.927	2381	2387	2397	rBV	1371088	1903902	37.34%	3.224%
91	17.027	2397	2404	2415	rBV	2588789	3615019	70.89%	6.122%
92	17.845	2535	2543	2554	rBV	313818	499320	9.79%	0.846%
93	19.133	2758	2762	2771	rBV	157691	248195	4.87%	0.420%
94	19.339	2791	2797	2805	rVV2	3246642	4437228	87.02%	7.515%
95	20.874	3054	3058	3067	rVB	232737	297300	5.83%	0.504%
96	21.151	3099	3105	3112	rBV	1795716	2490878	48.85%	4.219%
97	22.180	3277	3280	3285	rVB3	82416	101908	2.00%	0.173%
98	23.180	3443	3450	3458	rVB	2699522	5099157	100.00%	8.636%
99	23.309	3466	3472	3479	rVB	1356578	2549374	50.00%	4.318%
100	23.803	3553	3556	3564	rVB3	153419	273707	5.37%	0.464%

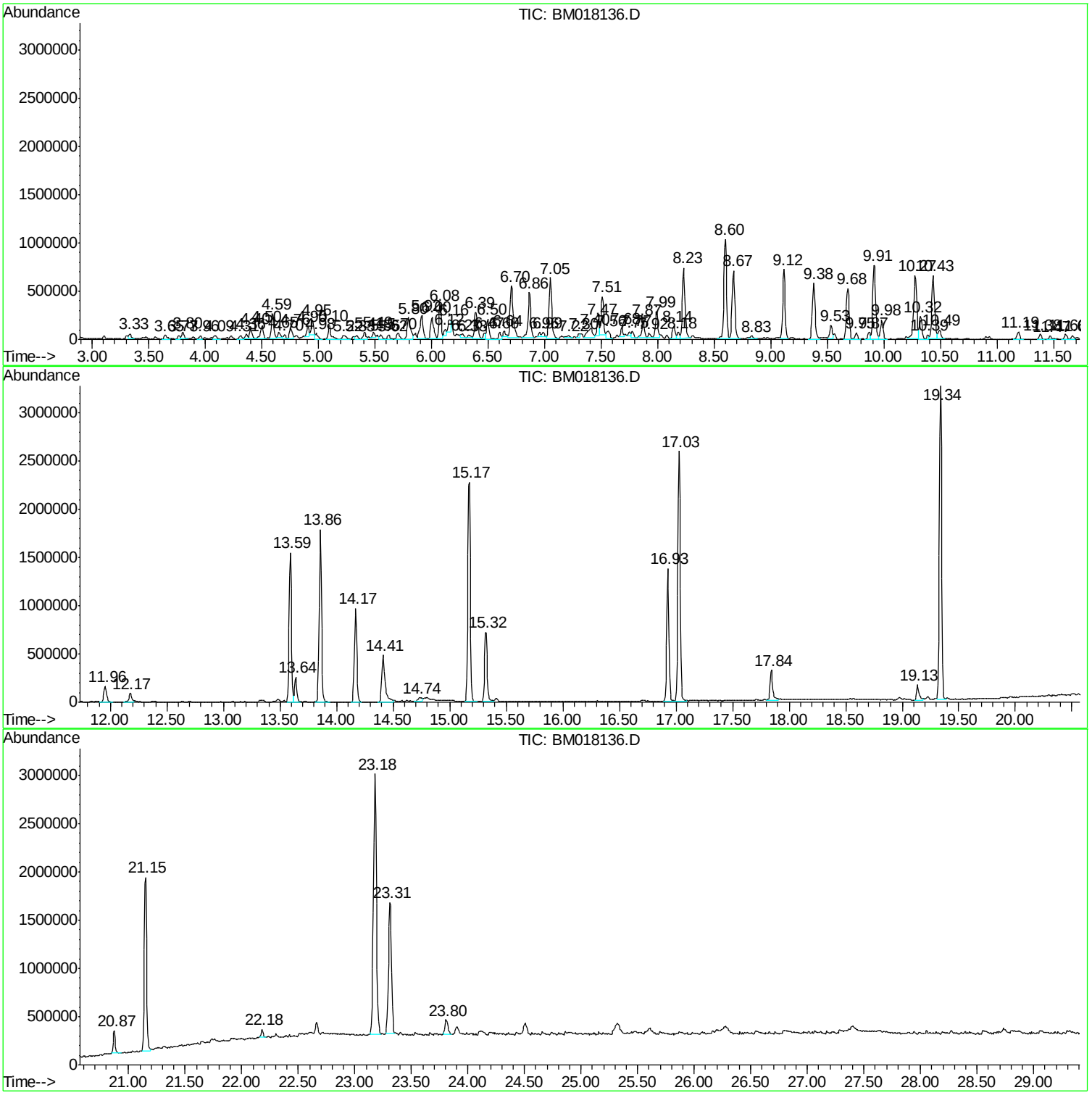
Sum of corrected areas: 59045998

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

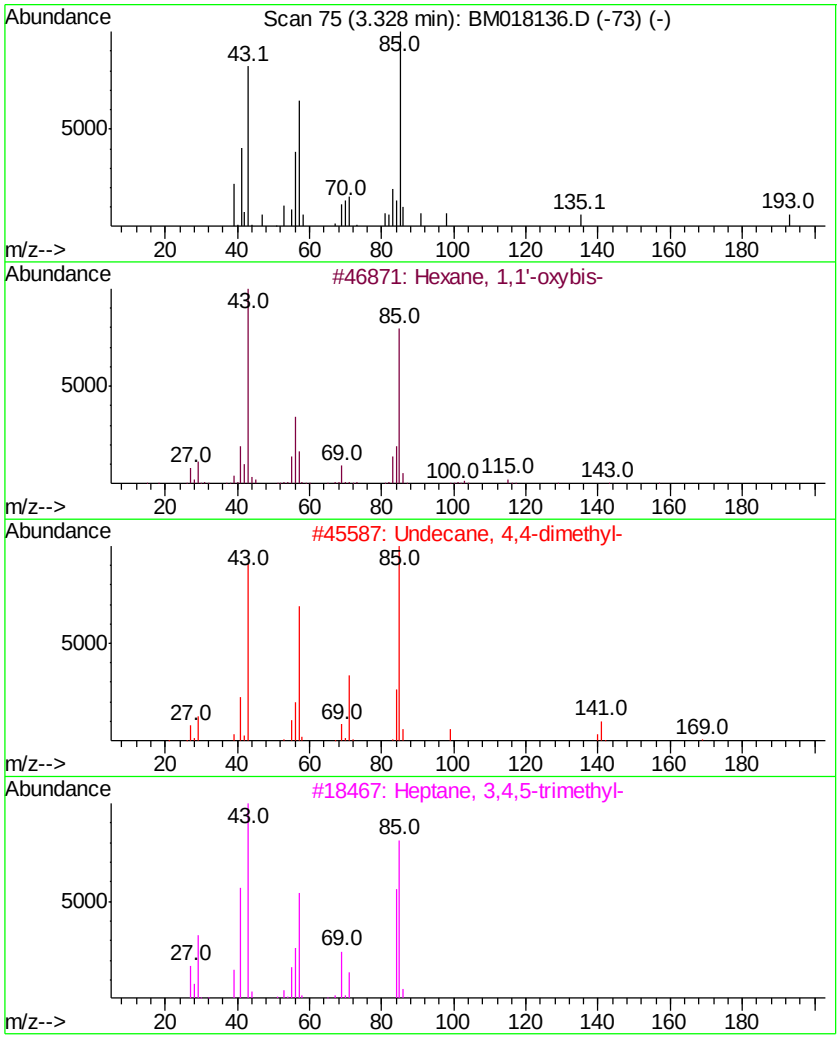
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

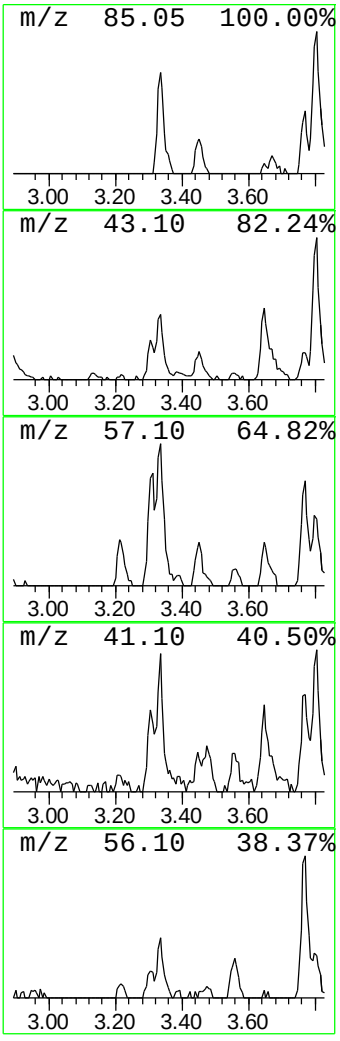
****

Peak Number 1 Hexane, 1,1'-oxybis- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	2.37 ng/ul	70596	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
2	Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	43
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	38
4	Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	38
5	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

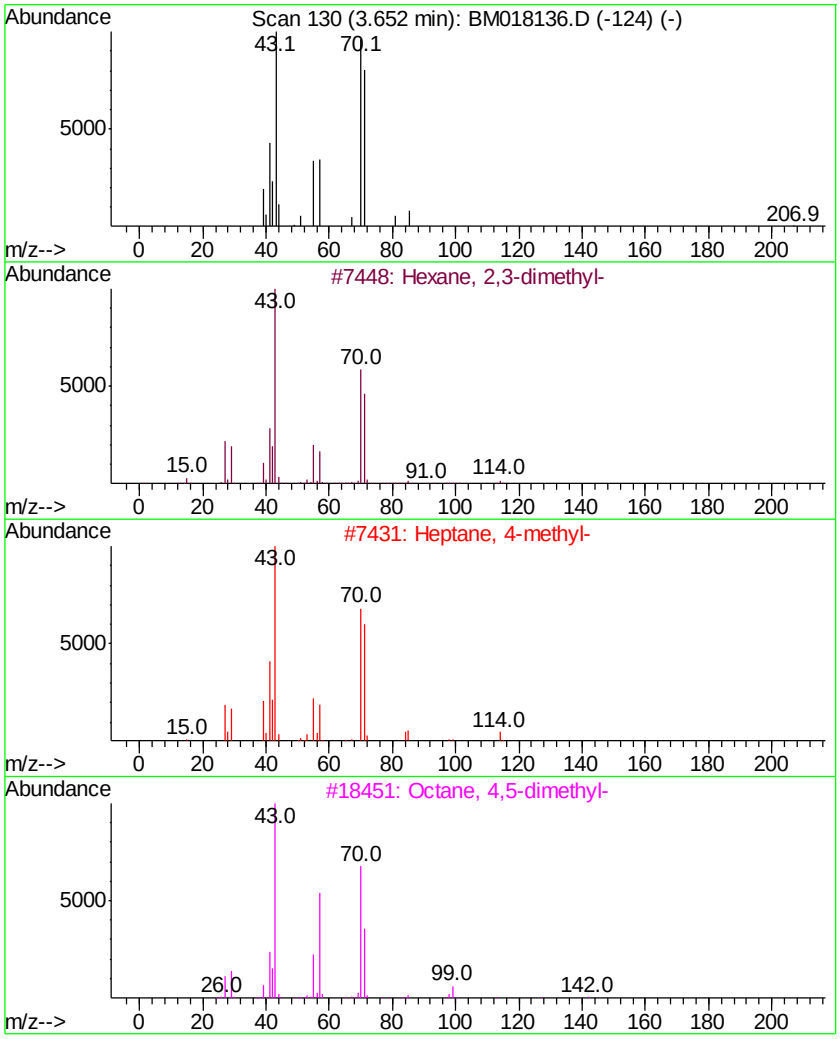
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

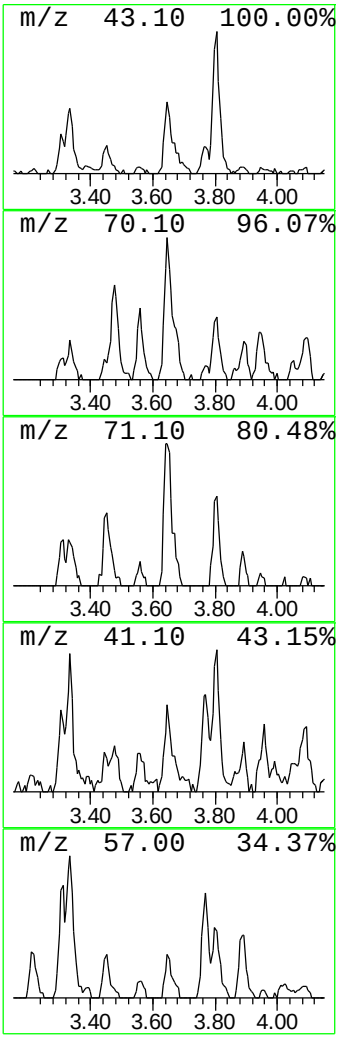
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	2.64 ng/ul	78821	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	78
4	Pyrrolidine	71	C4H9N	000123-75-1	78
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

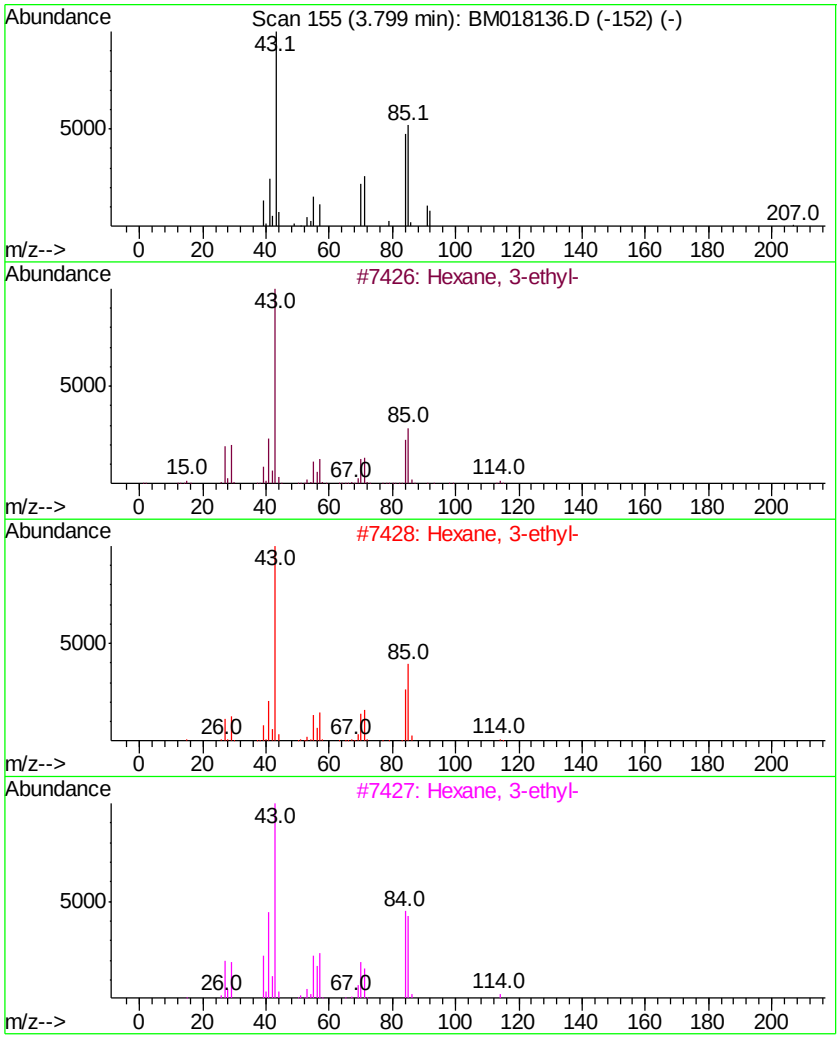
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

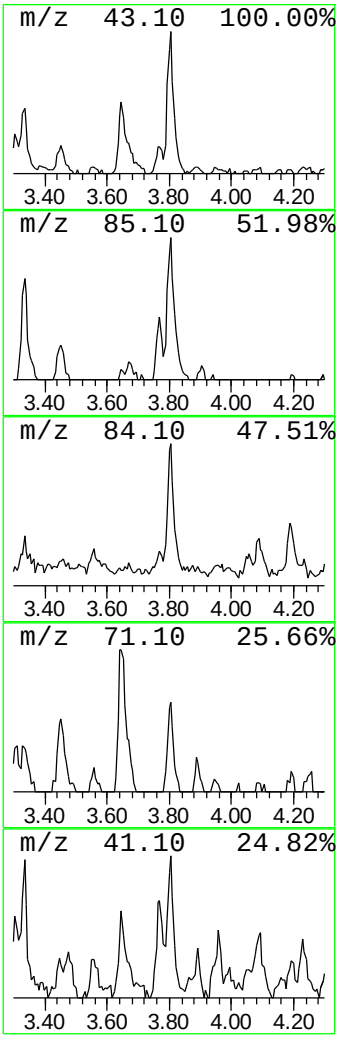
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	3.41 ng/ul	101655	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	56
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	45
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	39
4	5,15-Dimethylnonadecane	296	C21H44	1000131-09-1	36
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

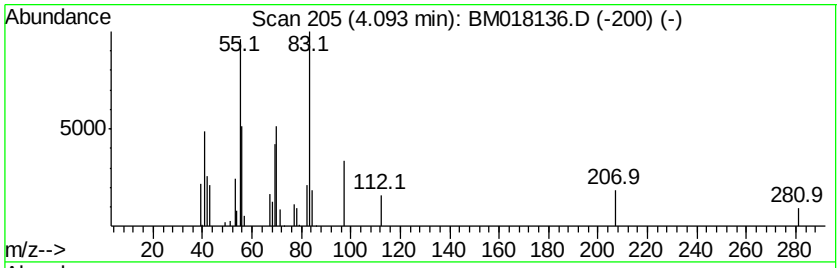
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

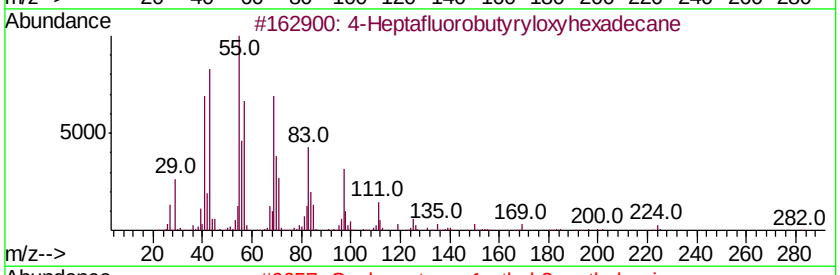
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

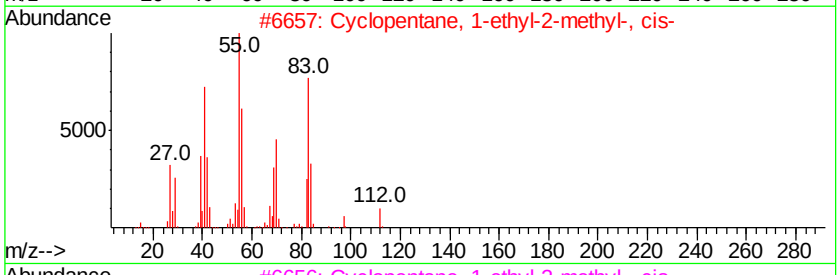
****
Peak Number 4 4-Heptafluorobutyryloxyhexa... Concentration Rank 46

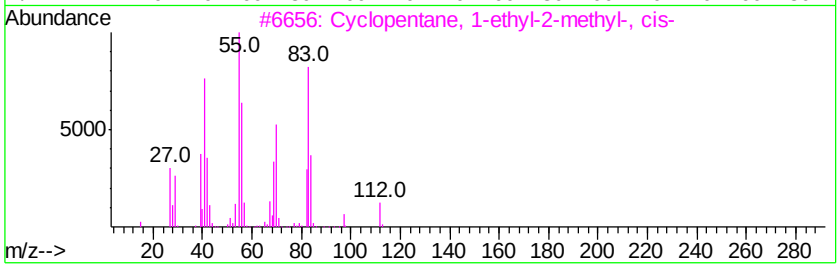
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	2.31 ng/ul	68918	1,4-Dichlorobenzene-d4	7.51

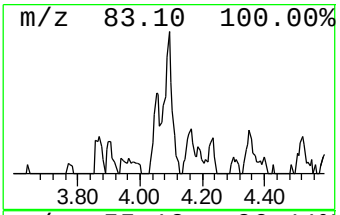
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	78
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	70
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	68
4	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	62
5	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	53

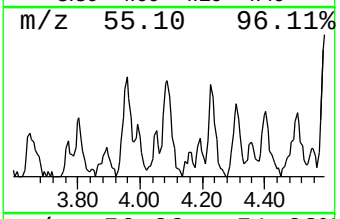


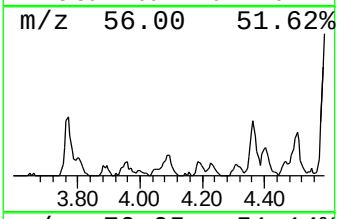


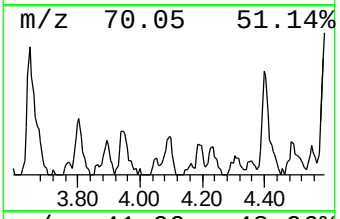


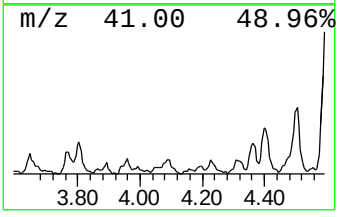












Library Search Compound Report

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Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

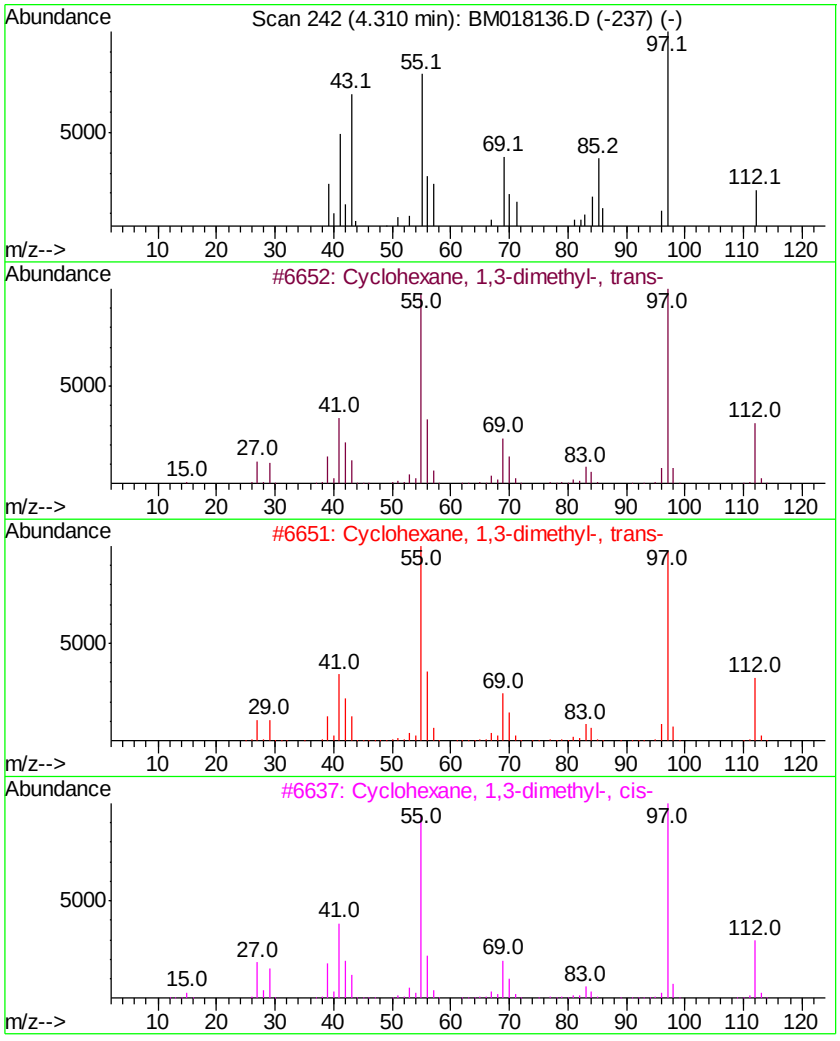
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

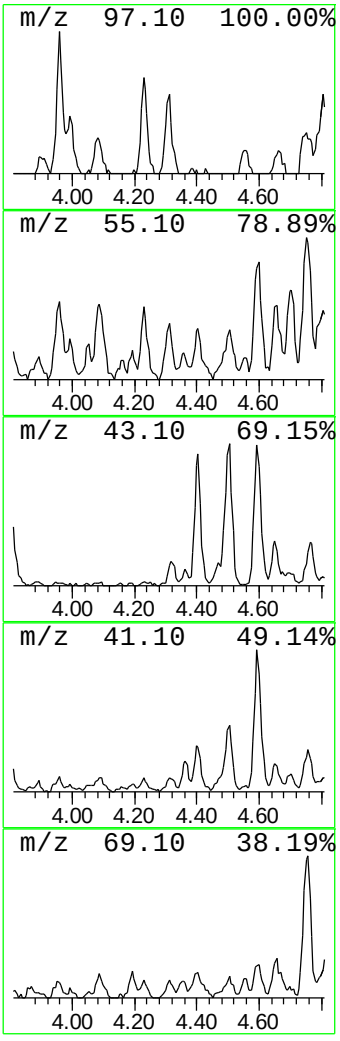
****

Peak Number 5 (DEL) Alkane: Cyclic4.31 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	2.41 ng/ul	71877	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

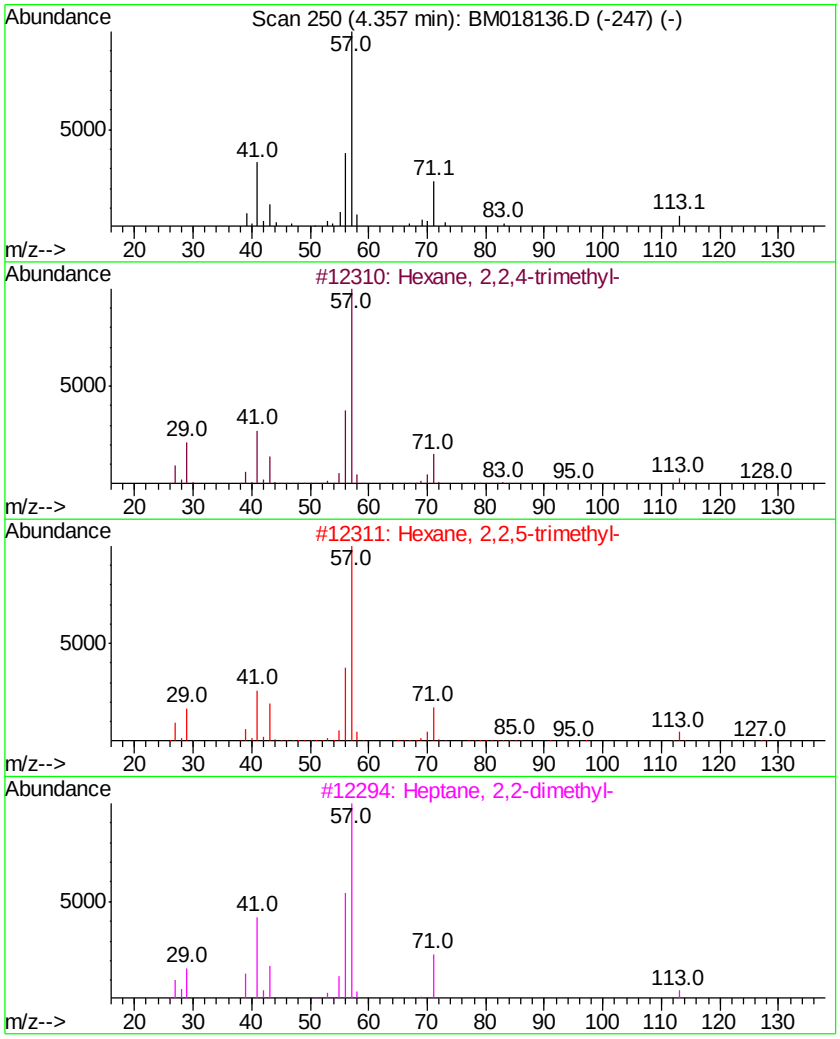
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

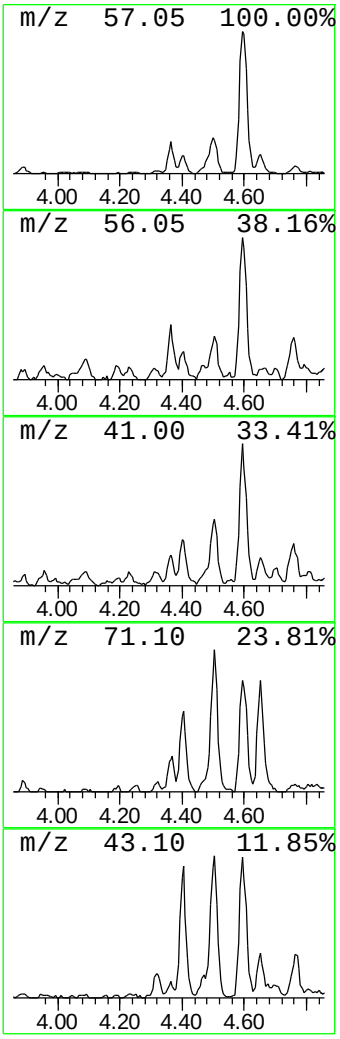
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.36	2.01 ng/ul	59966	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	56
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56





Library Search Compound Report

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Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

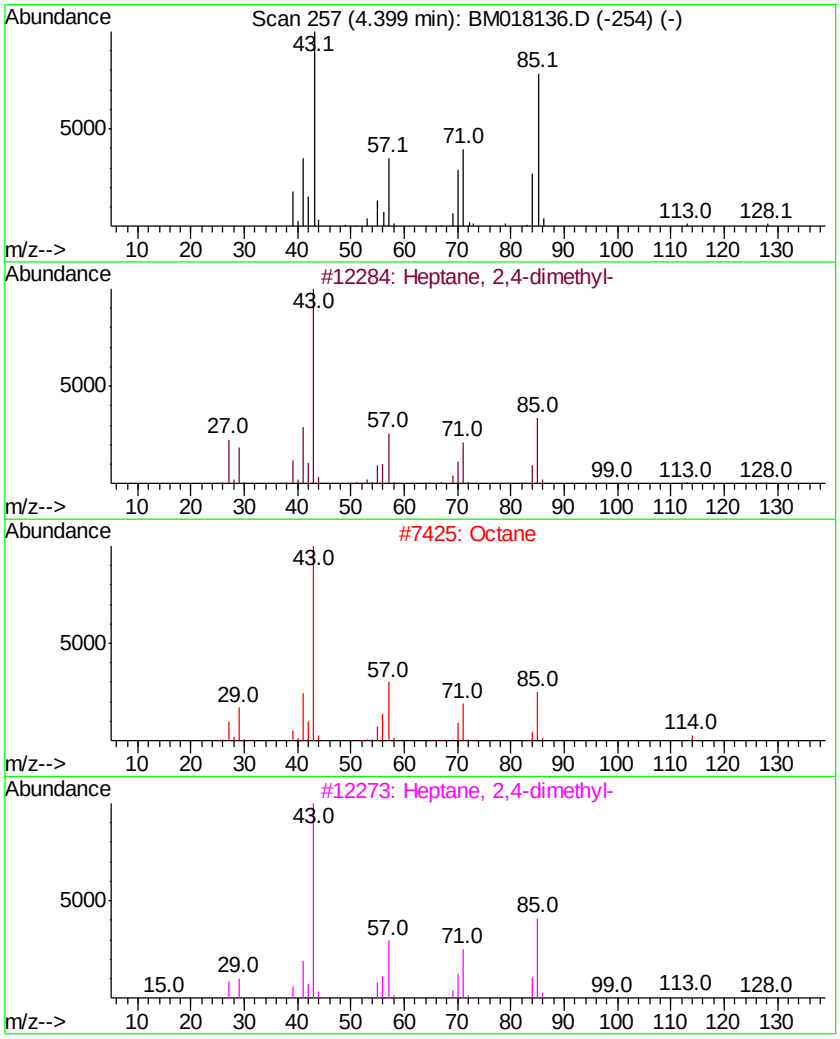
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

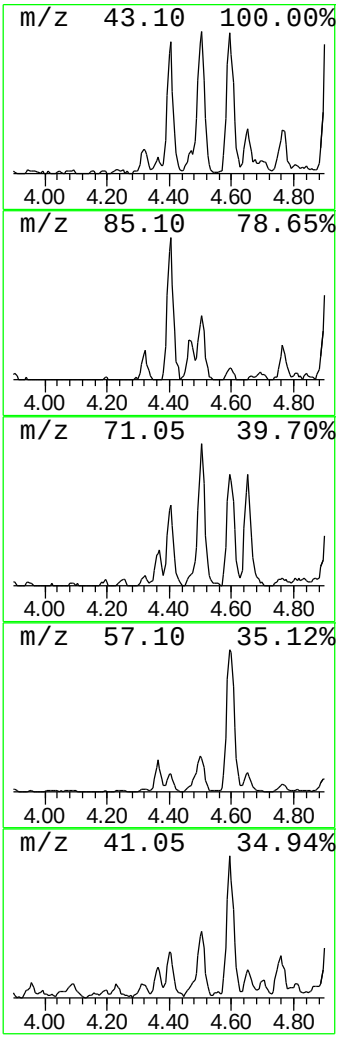
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	5.46 ng/ul	163060	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
2	Octane	114	C8H18	000111-65-9	56
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	56
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50





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Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

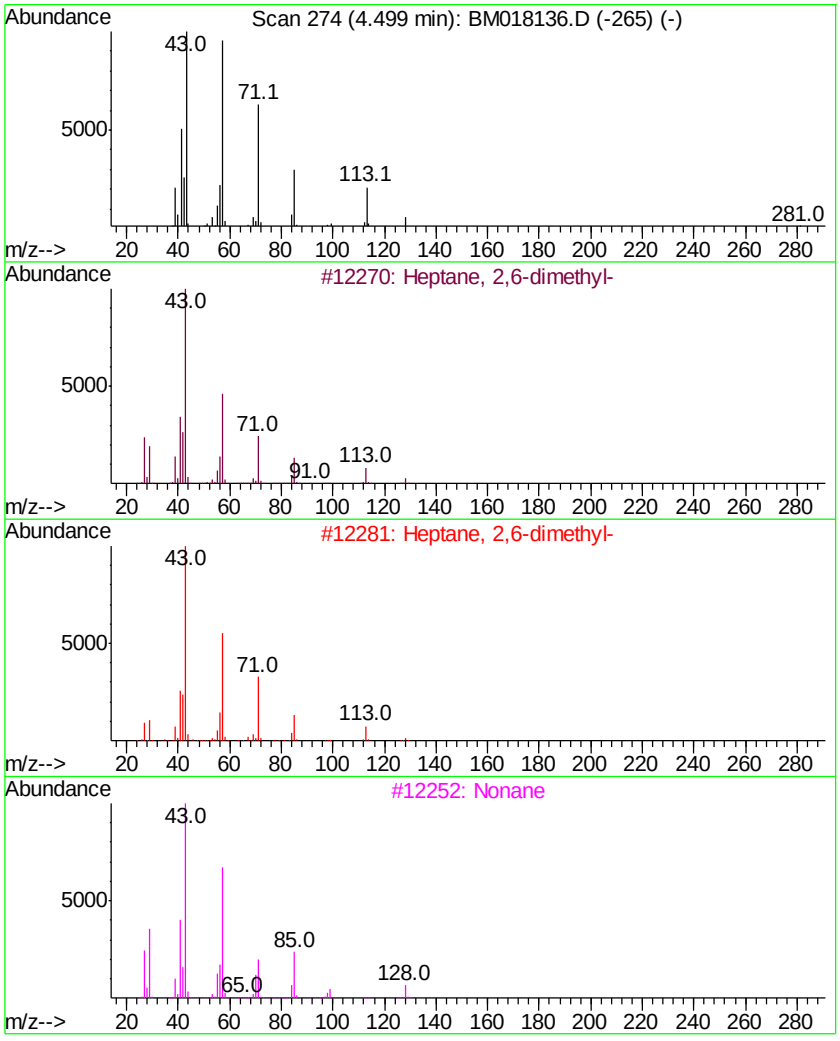
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

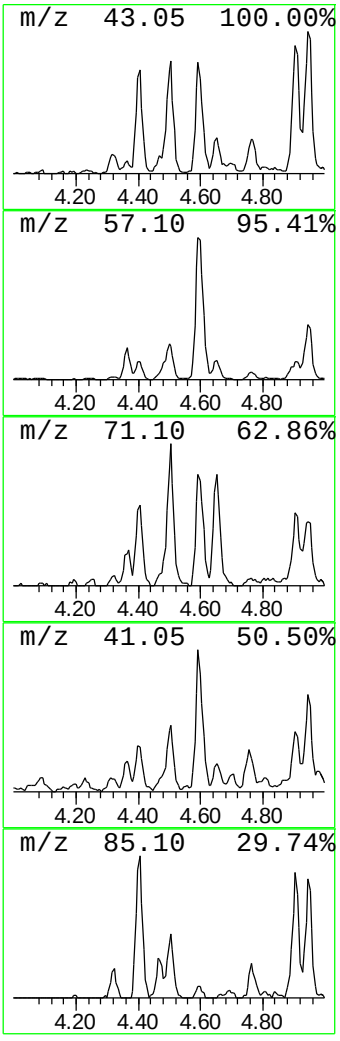
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	8.33 ng/ul	248581	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
3	Nonane	128	C9H20	000111-84-2	58
4	Nonane	128	C9H20	000111-84-2	58
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53





Library Search Compound Report

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Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

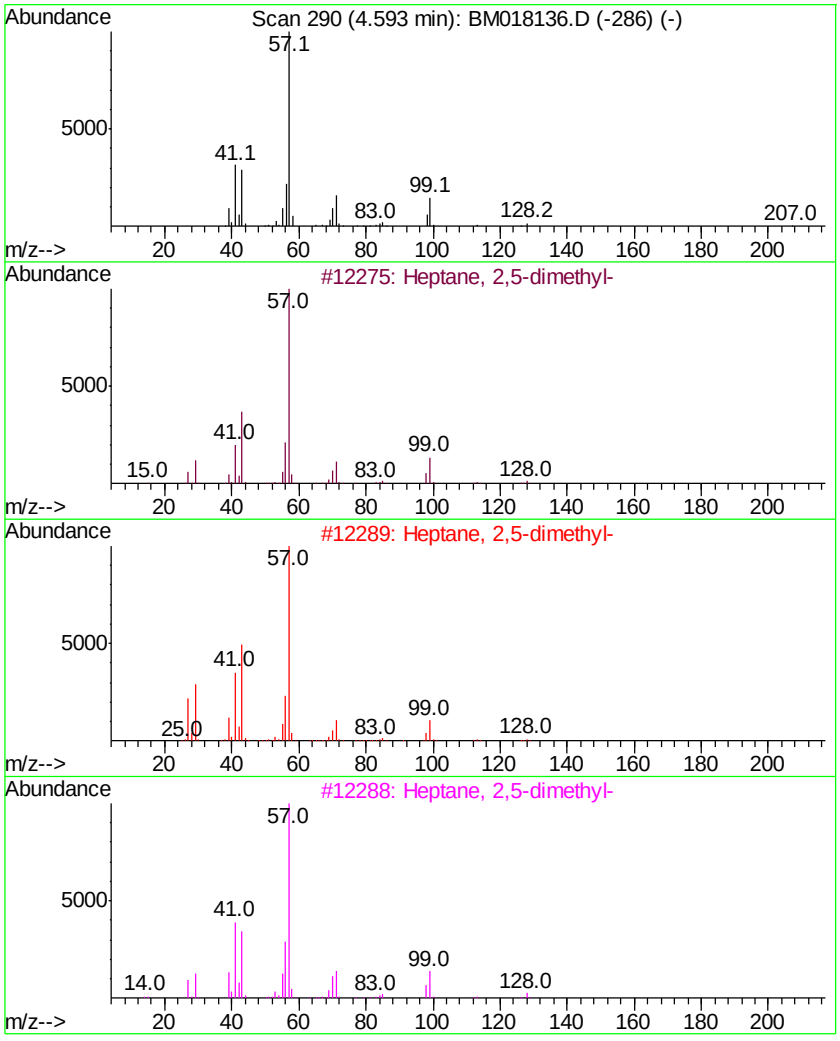
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

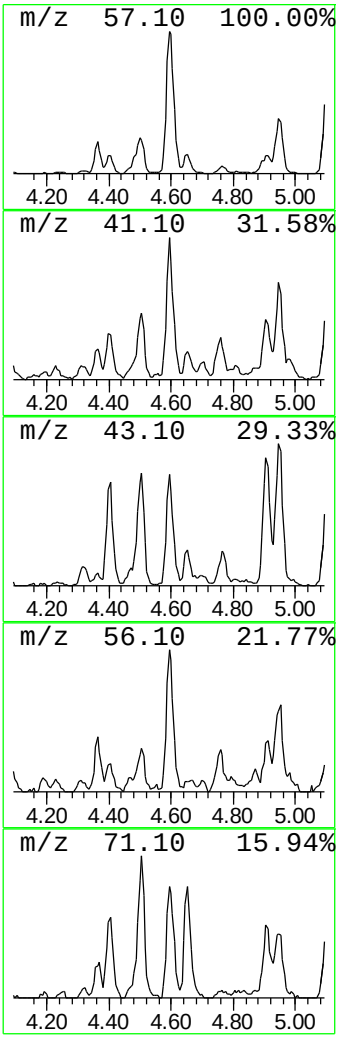
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	13.52 ng/ul	403487	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80





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Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

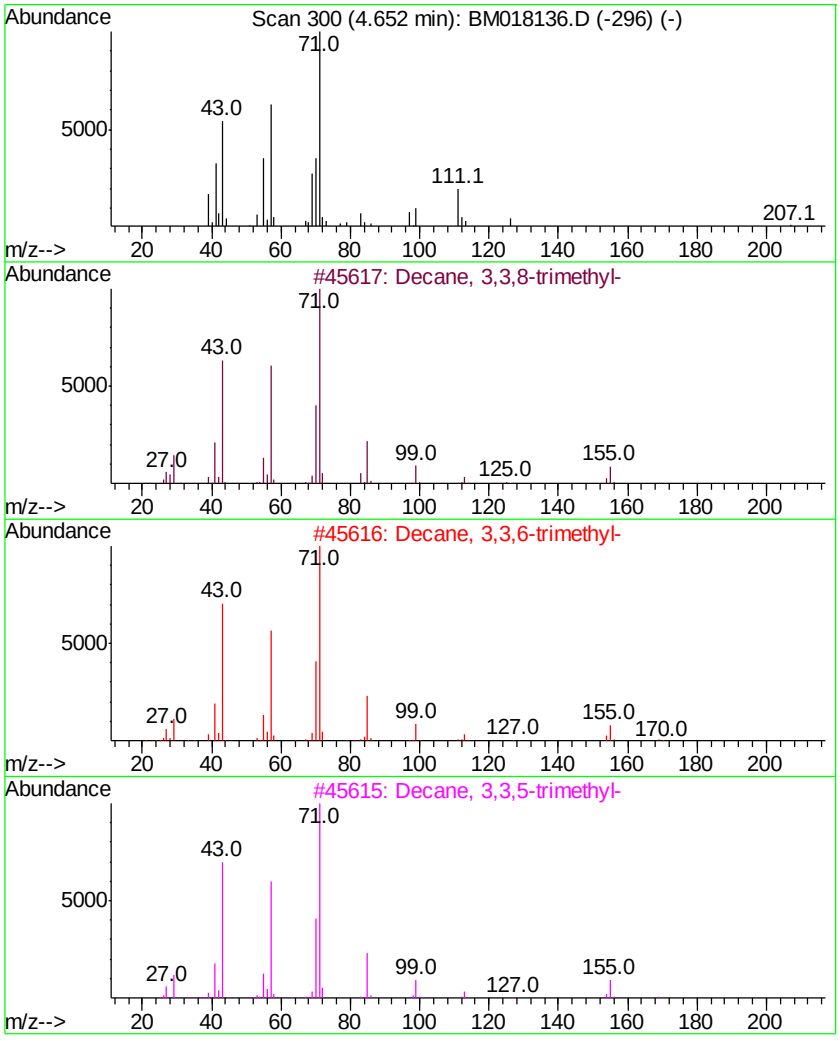
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

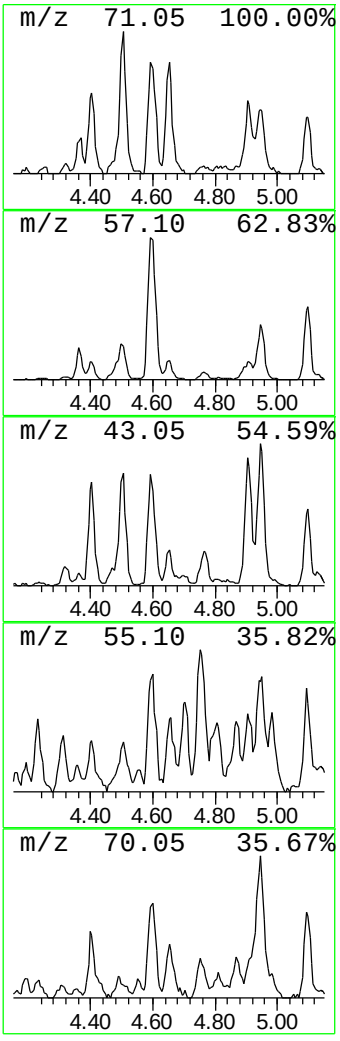
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	3.46 ng/ul	103151	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	59
2	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	59
3	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	59
4	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	59
5	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	53





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Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

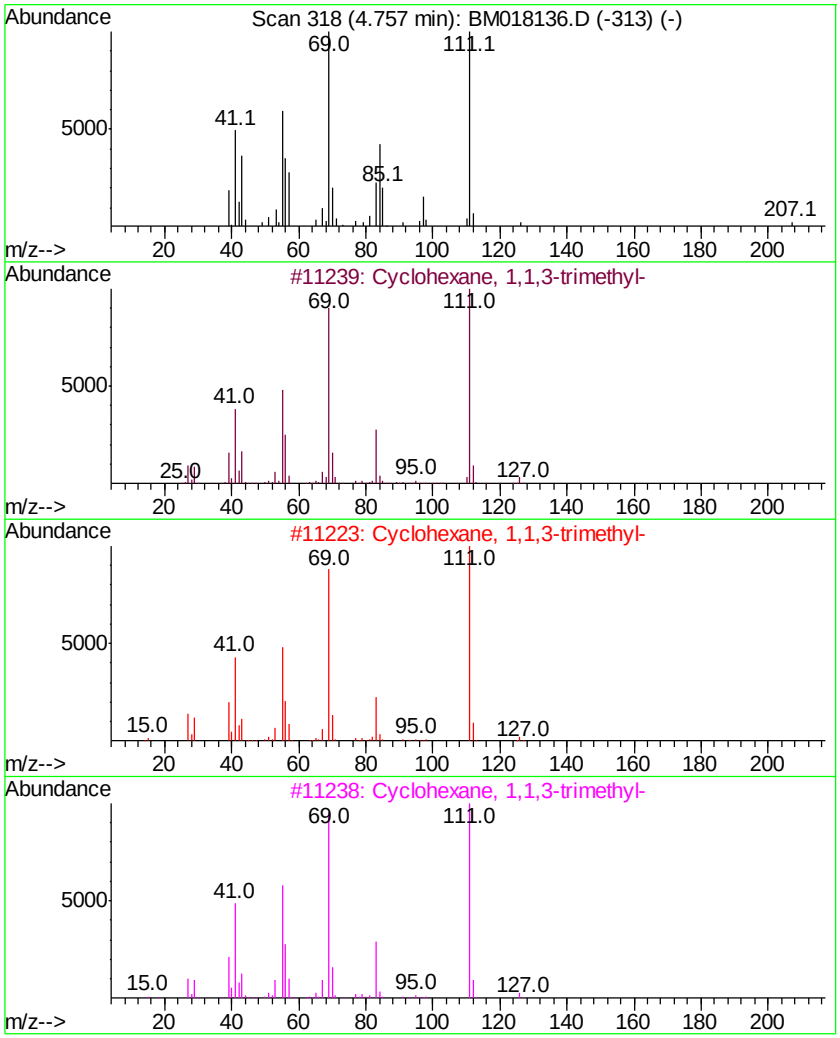
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

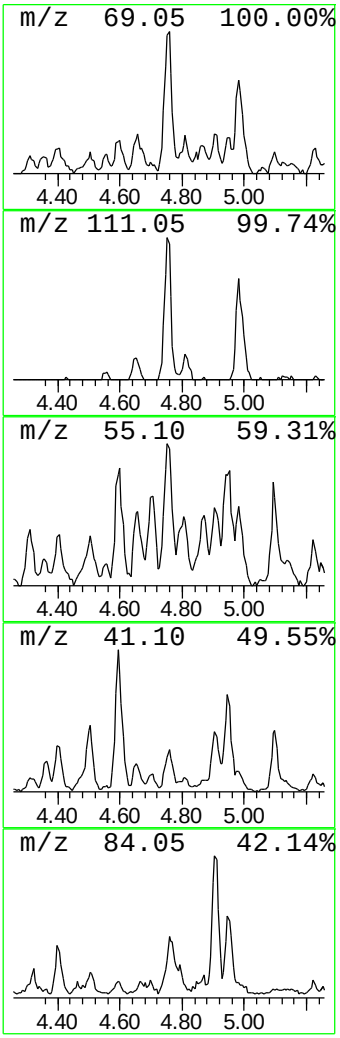
****

Peak Number 11 (DEL) Alkane: Cyclic4.76 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	6.13 ng/ul	183118	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	53
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	53





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

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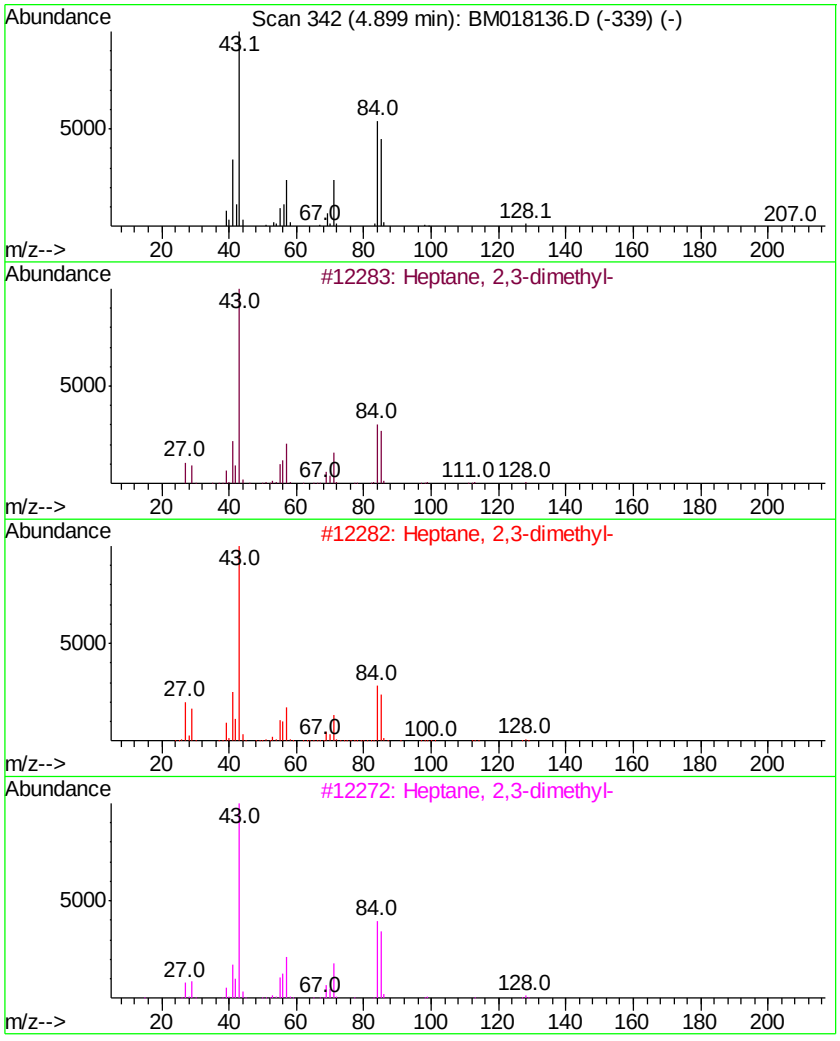
Quant Title : SVOA CALIBRATION

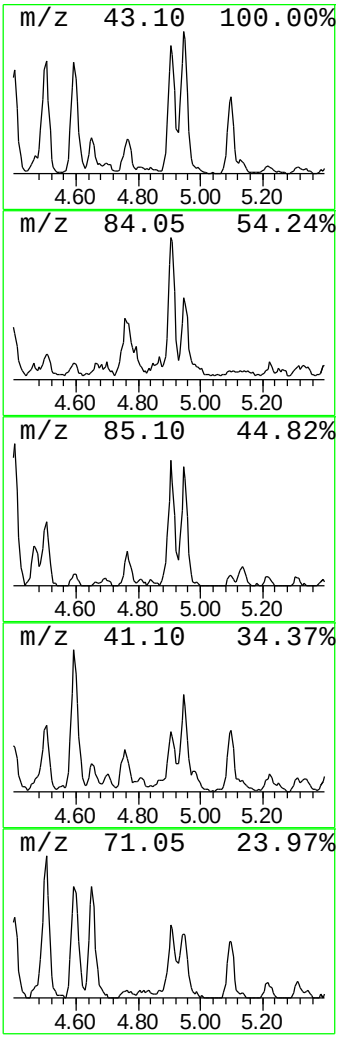
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	5.15 ng/ul	153766	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
5	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	56





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Misc :
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Instrument : BNA_M
ClientSampleId : F9F15

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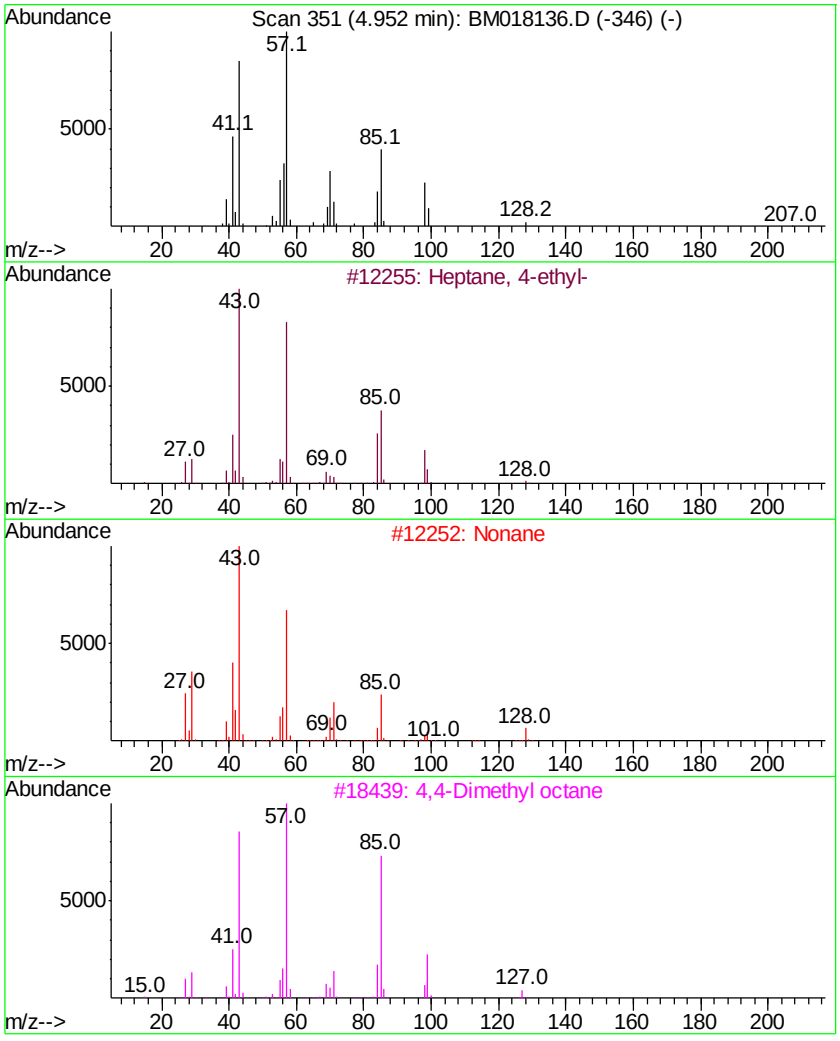
Quant Title : SVOA CALIBRATION

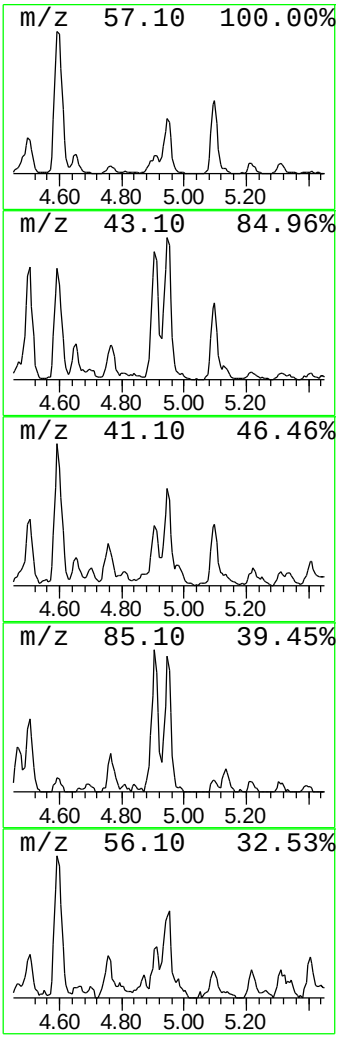
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	6.88 ng/ul	205340	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	58
2	Nonane	128	C9H20	000111-84-2	53
3	4,4-Dimethyl octane	142	C10H22	015869-95-1	53
4	Decane, 5-methyl-	156	C11H24	013151-35-4	50
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

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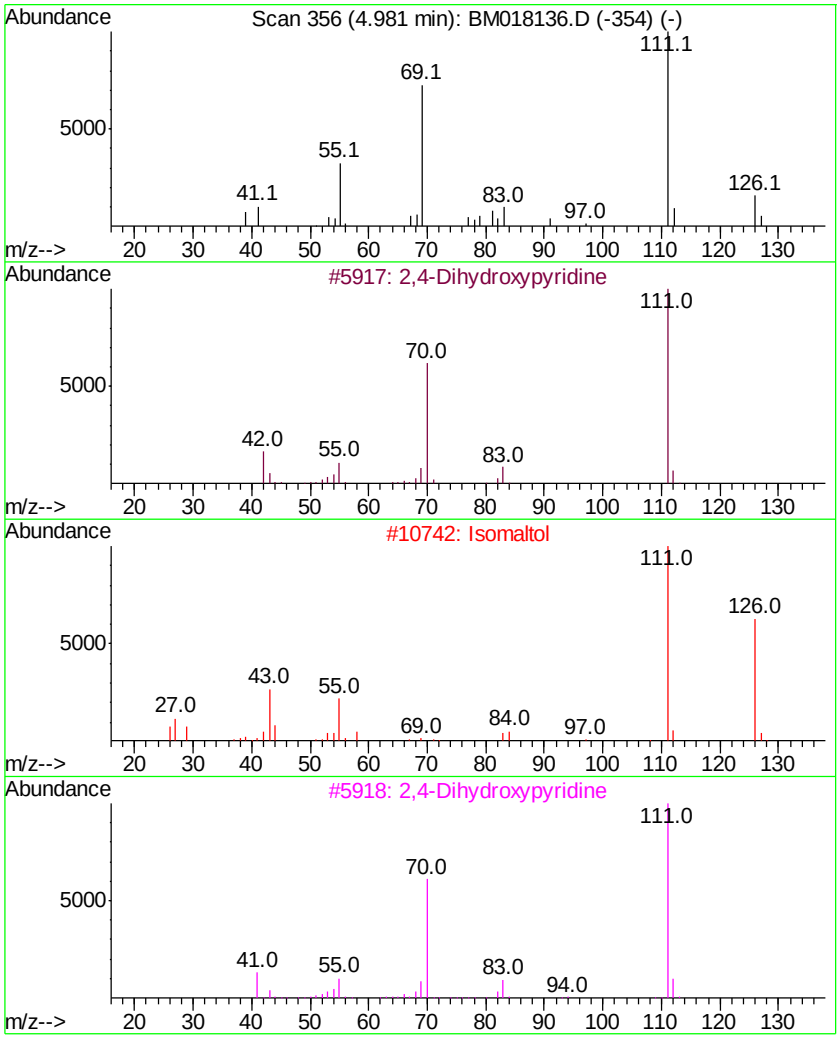
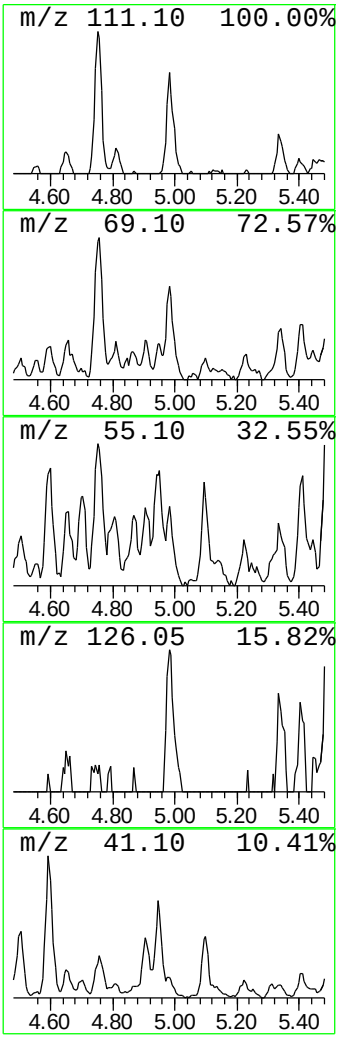
Peak Number 14 2,4-Dihydroxypyridine Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	2.94 ng/ul	87612	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dihydroxypyridine	111	C5H5NO2	000626-03-9	59
2	Isomaltol	126	C6H6O3	003420-59-5	59
3	2,4-Dihydroxypyridine	111	C5H5NO2	000626-03-9	59
4	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	50
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	43





Library Search Compound Report

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ClientSampleId : F9F15

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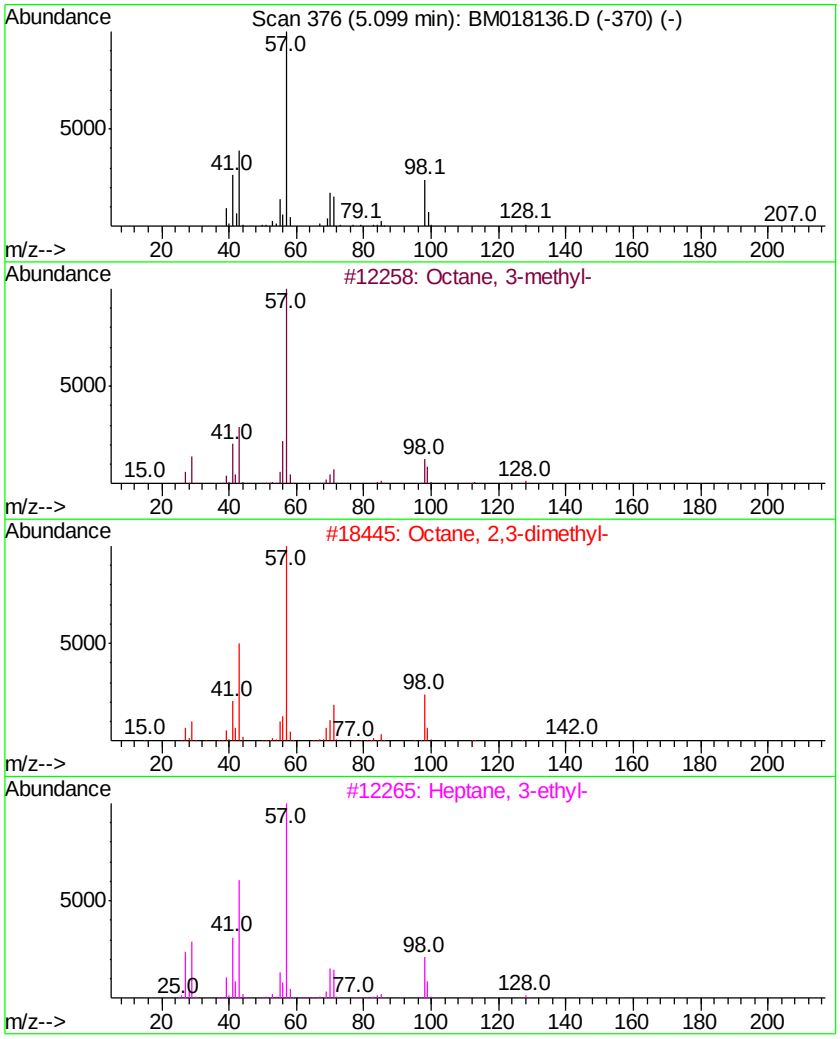
Quant Title : SVOA CALIBRATION

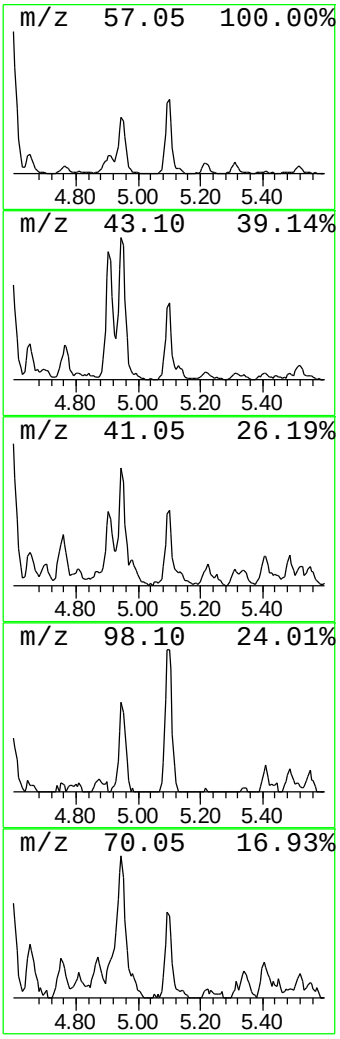
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	8.60 ng/ul	256722	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	64
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	53





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Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

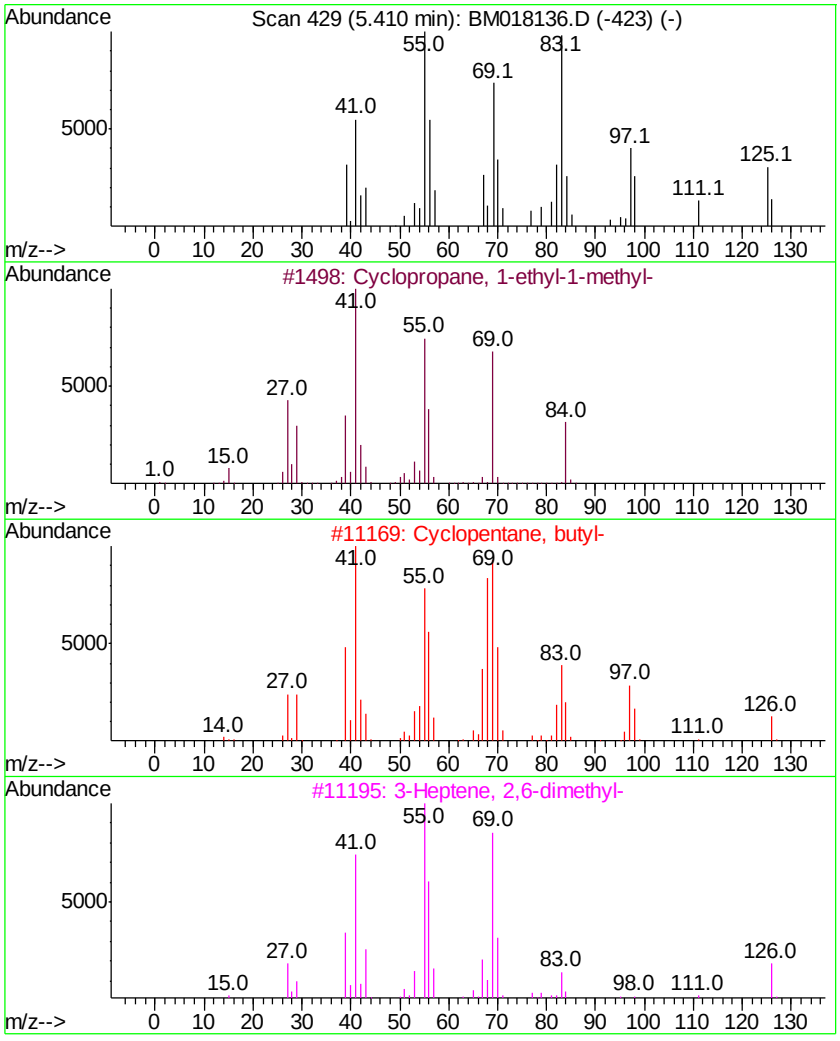
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

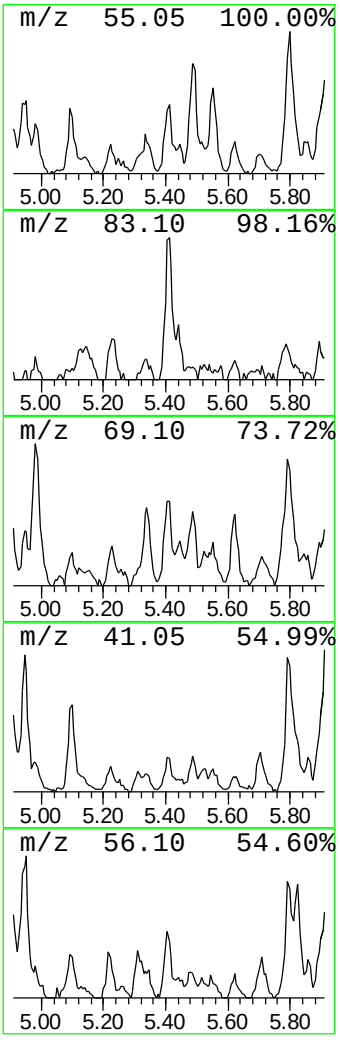
****

Peak Number 17 (DEL) Alkane: Cyclic5.41 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	4.15 ng/ul	123975	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	42
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	38
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	38
4	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	38
5	3-Heptene, (E)-	98	C7H14	014686-14-7	30





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Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

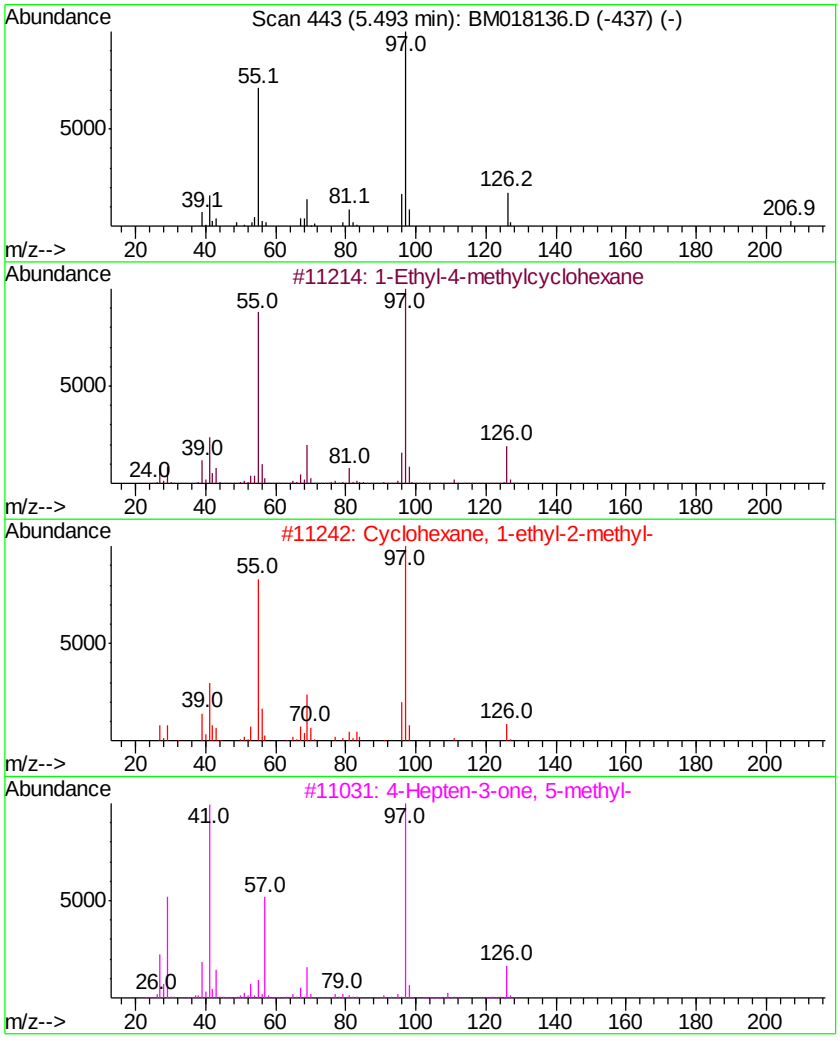
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

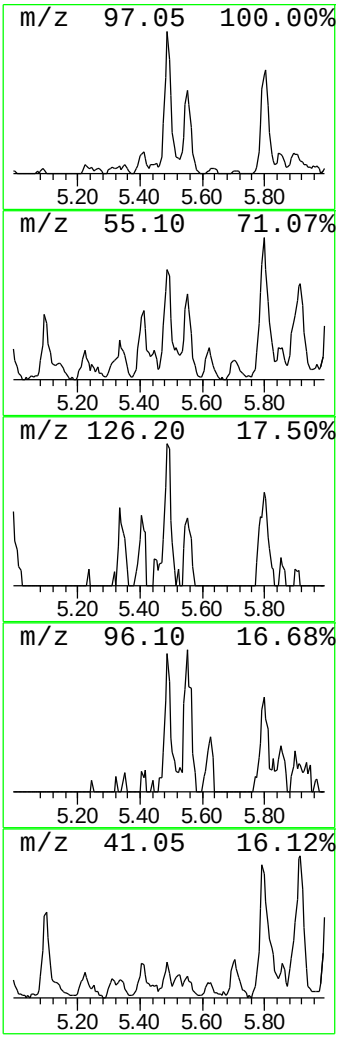
****

Peak Number 18 (DEL) Alkane: Cyclic5.49 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	2.79 ng/ul	83330	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90
3	4-Hepten-3-one, 5-methyl-	126	C8H14O	001447-26-3	72
4	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	64
5	1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	64





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Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

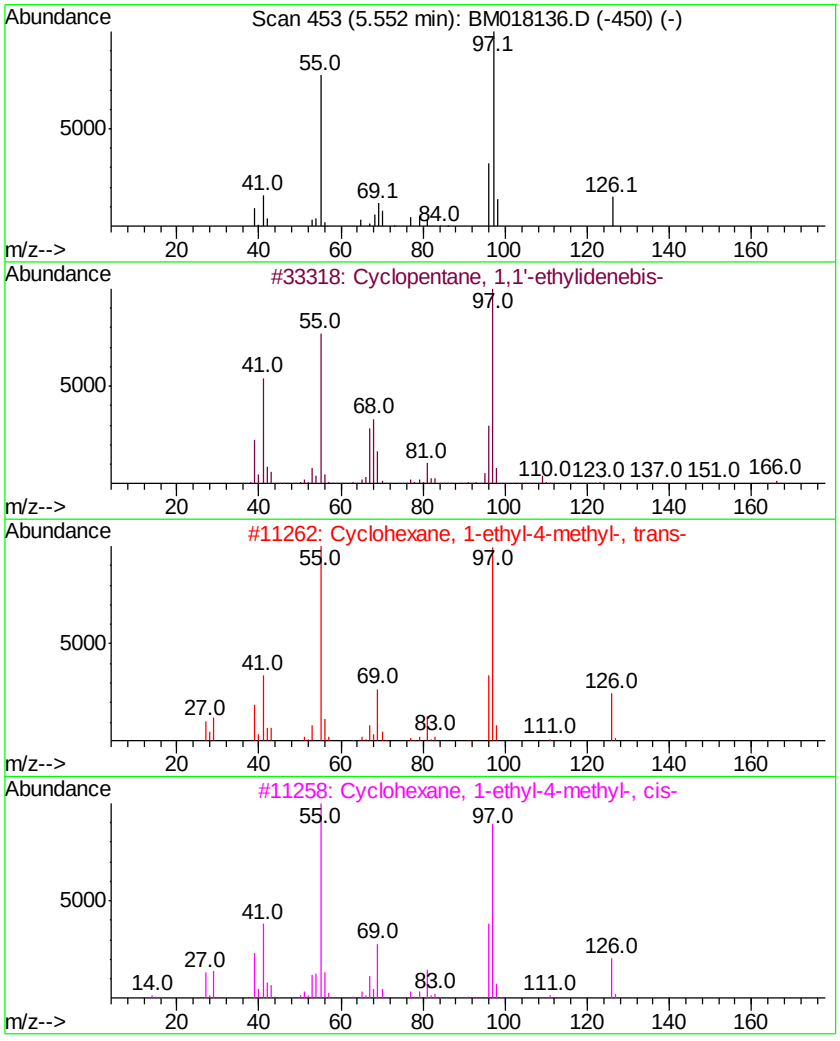
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

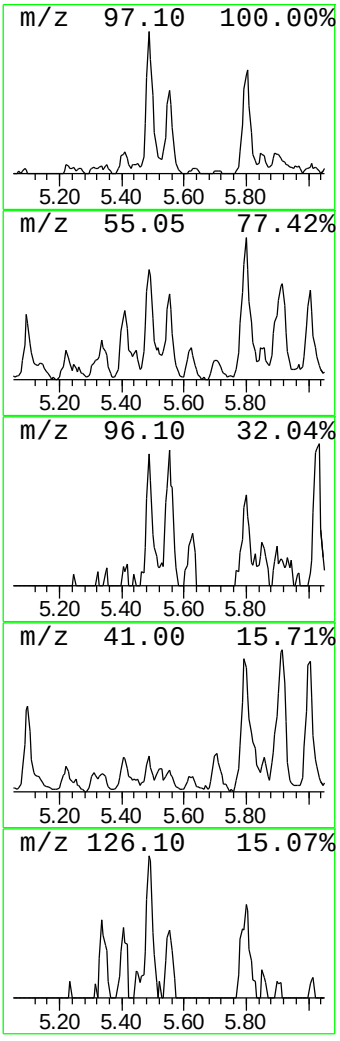
****

Peak Number 19 Cyclopentane, 1,1'-ethylide... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	2.68 ng/ul	79862	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	72
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64
5	4-Octen-3-one	126	C8H14O	014129-48-7	53





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Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

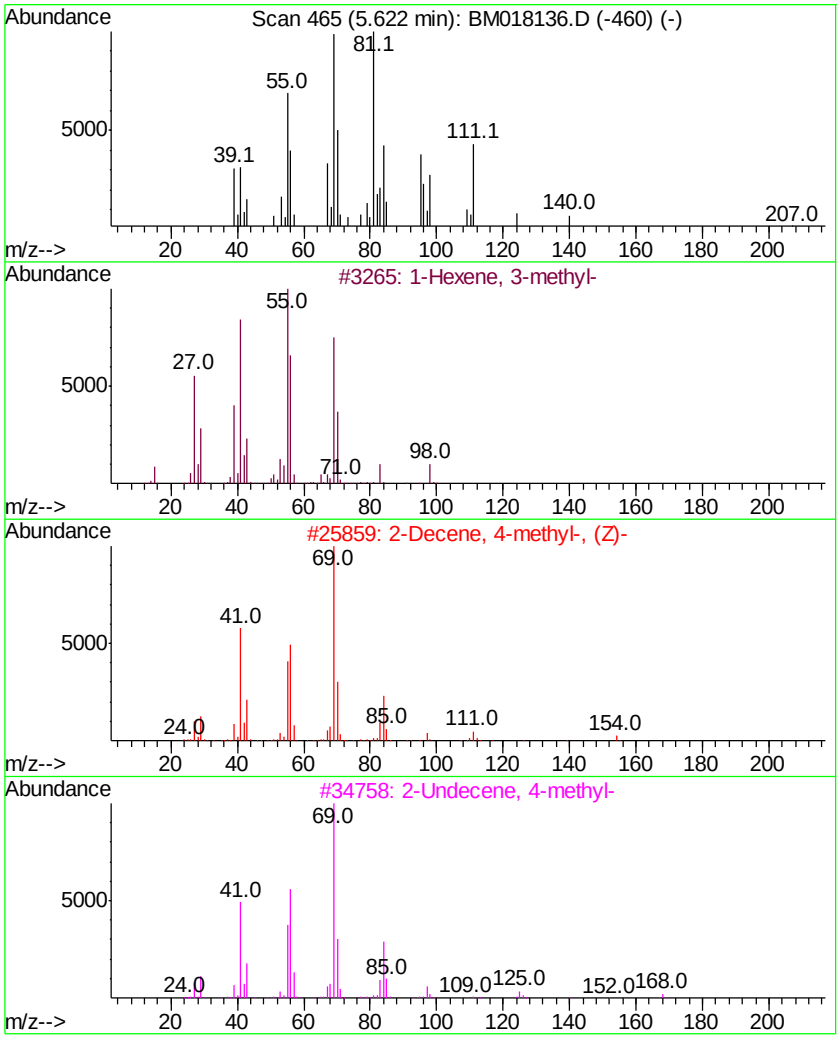
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

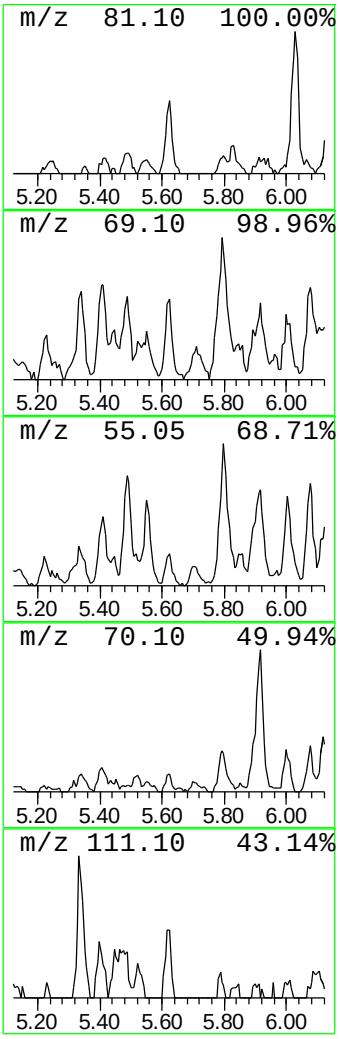
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic5.62 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	2.34 ng/ul	69812	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
2	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	35
3	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	35
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	27





Library Search Compound Report

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Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

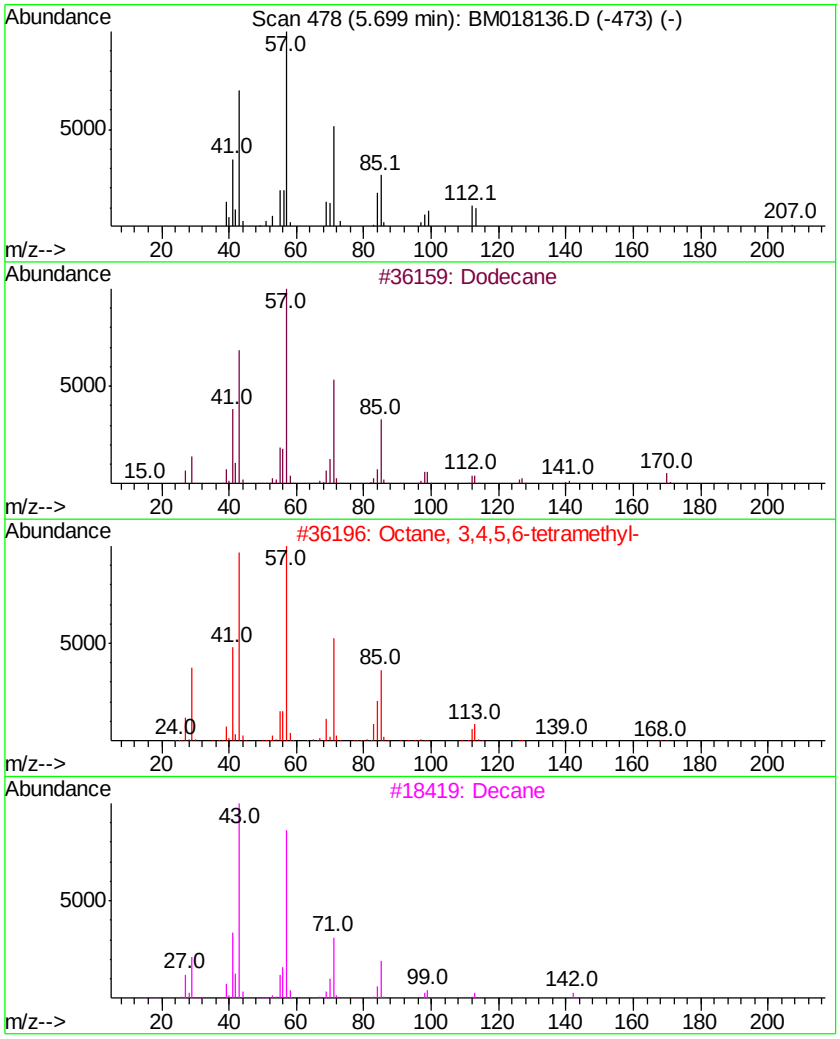
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

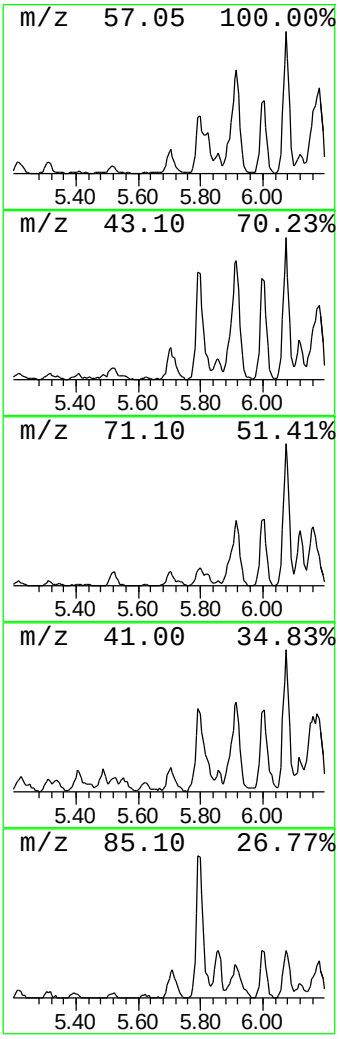
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	3.88 ng/ul	115901	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	64
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
3	Decane	142	C10H22	000124-18-5	59
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
5	Hexadecane	226	C16H34	000544-76-3	59





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Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

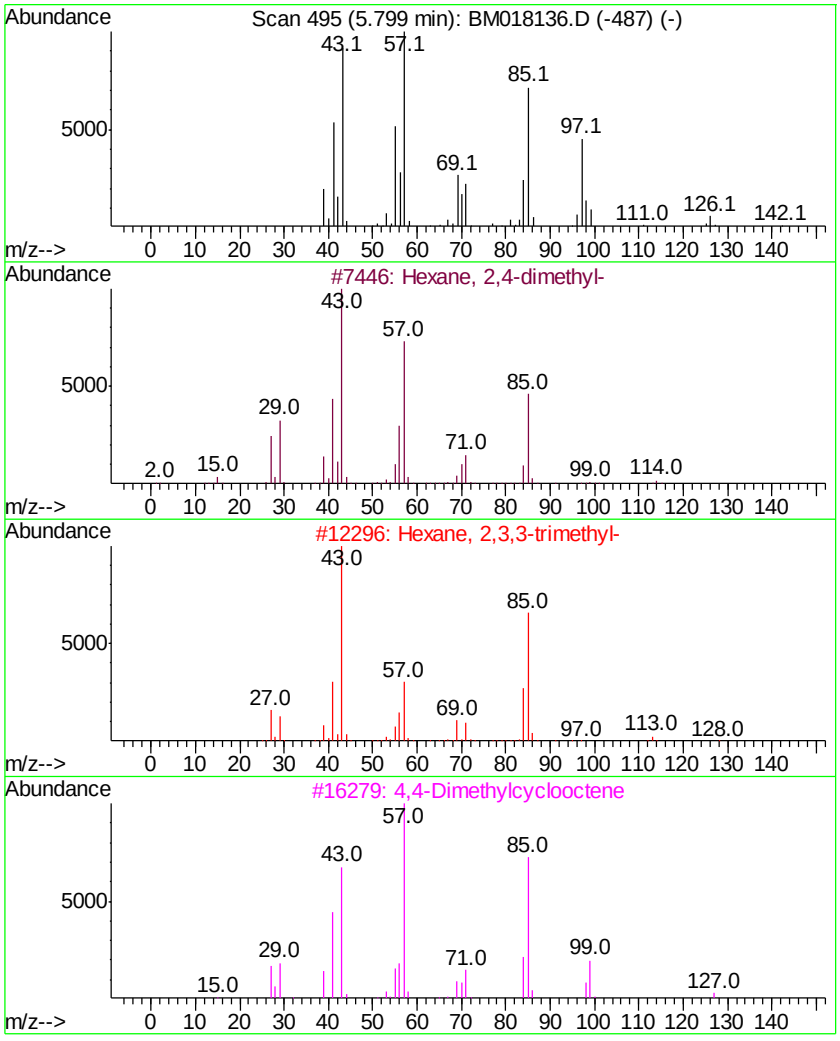
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

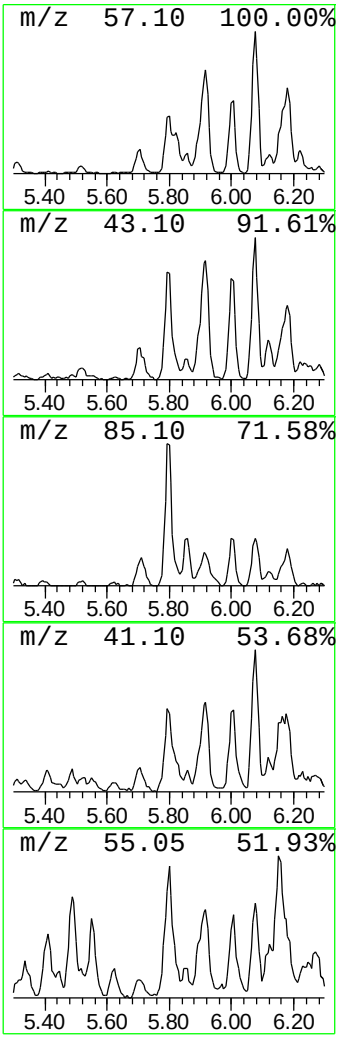
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	16.22 ng/ul	484022	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
2	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	46
3	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	43
4	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	43
5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	43





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Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

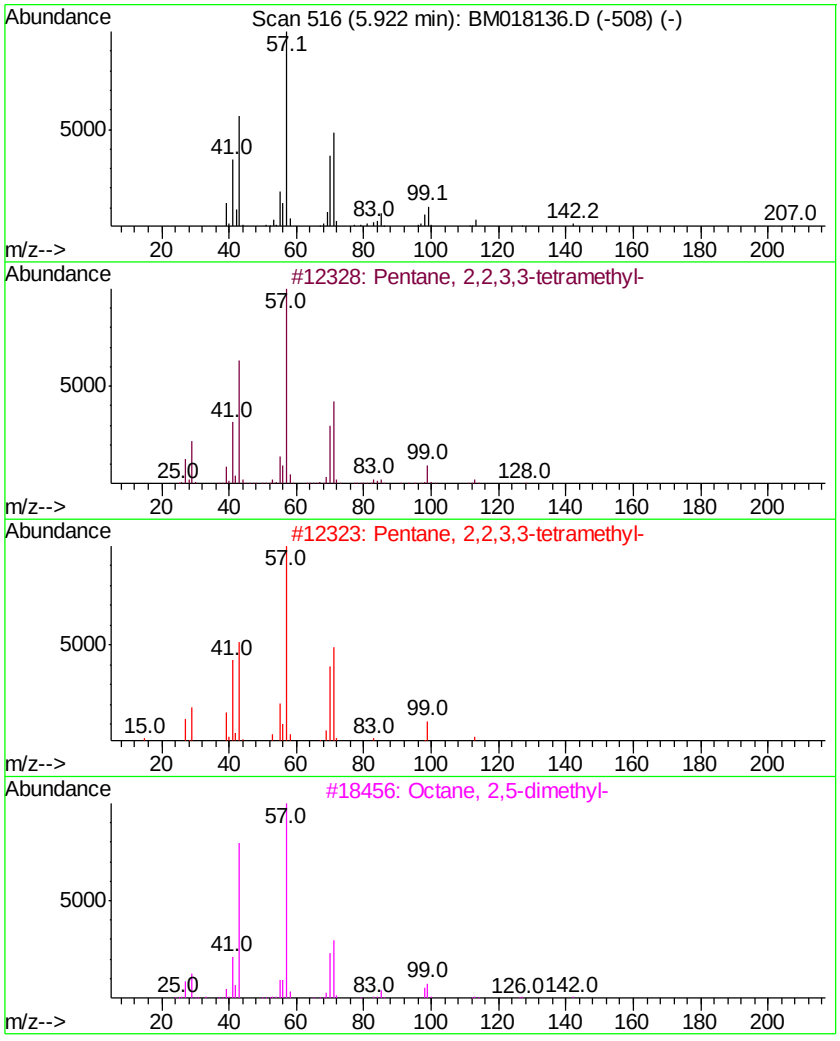
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

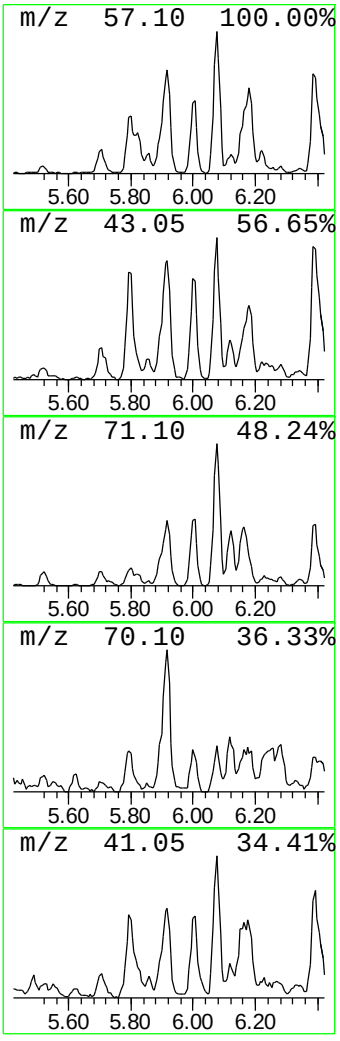
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	15.50 ng/ul	462664	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	78
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	78
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	68
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
5	Hexadecane	226	C16H34	000544-76-3	59





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : F9F15

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Quant Title : SVOA CALIBRATION

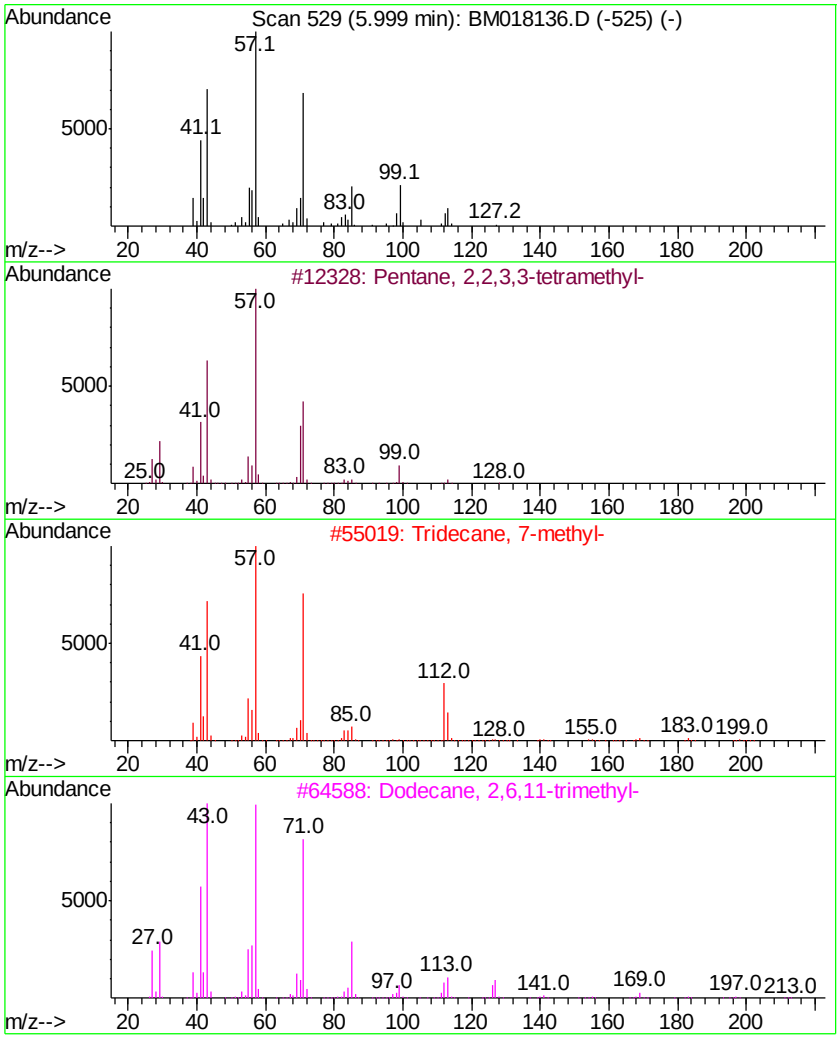
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

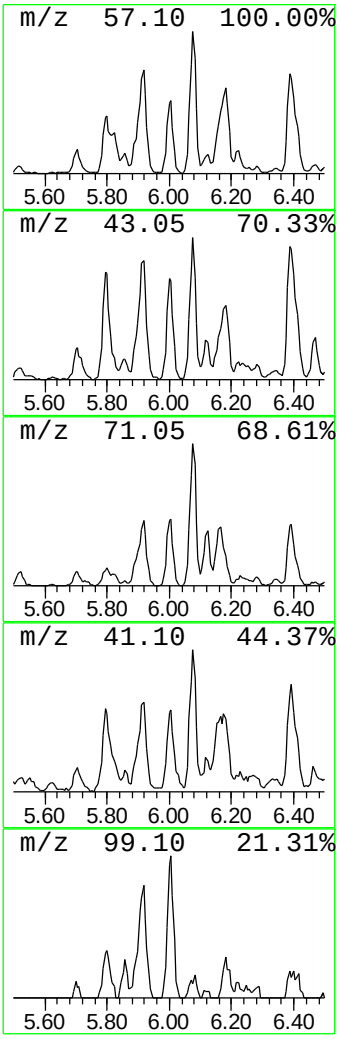
****

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	13.70 ng/ul	409064	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	53
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

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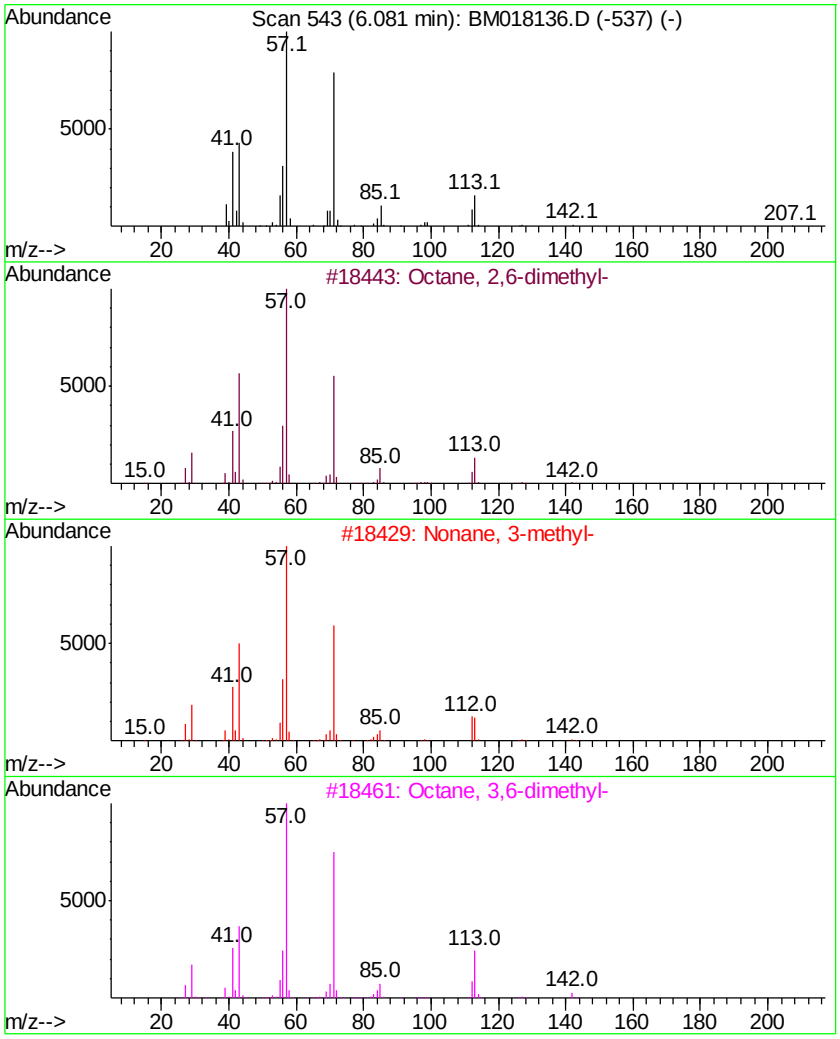
Quant Title : SVOA CALIBRATION

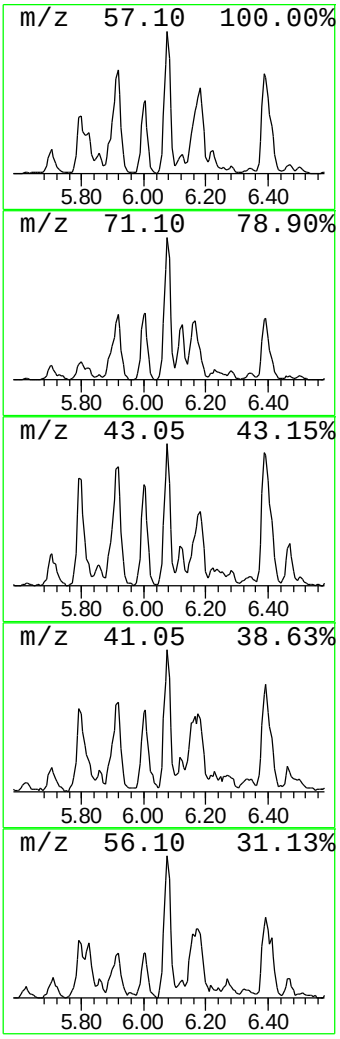
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	15.86 ng/ul	473494	1,4-Dichlorobenzene-d4	7.51

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





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

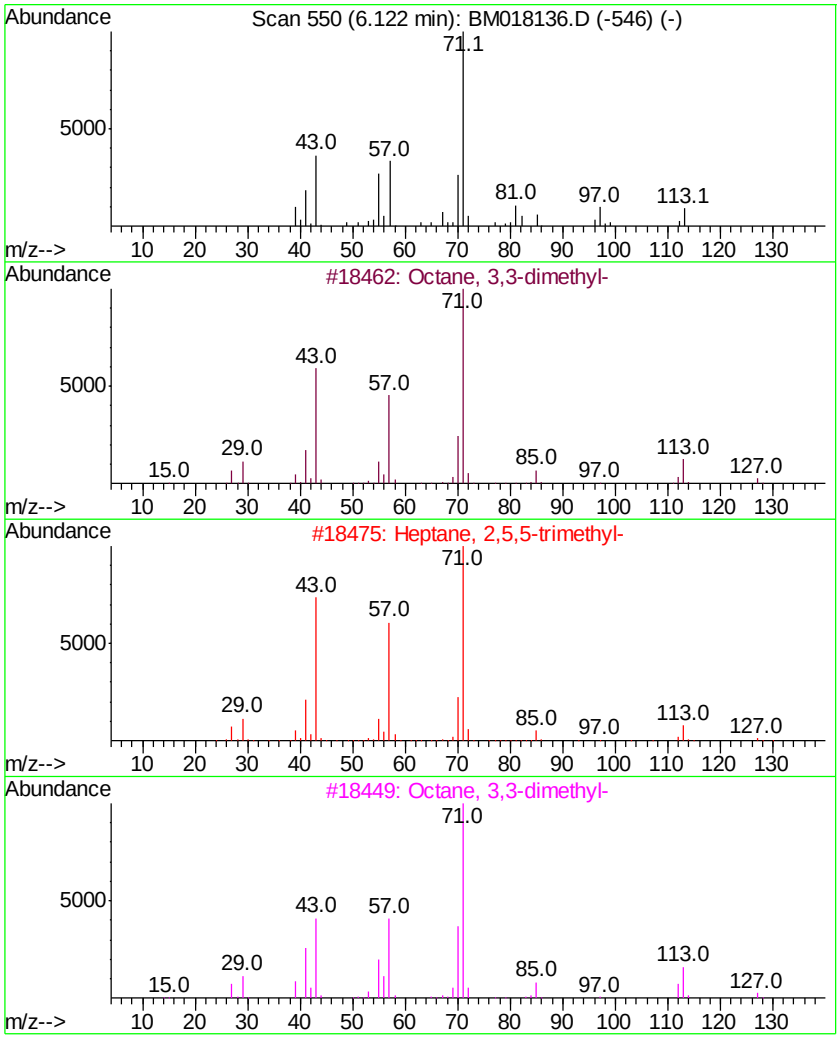
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

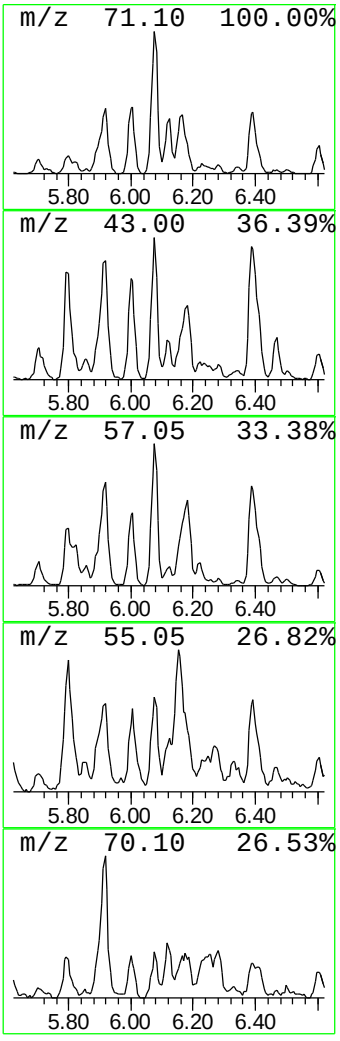
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	2.90 ng/ul	86484	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
2	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	50
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

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Quant Title : SVOA CALIBRATION

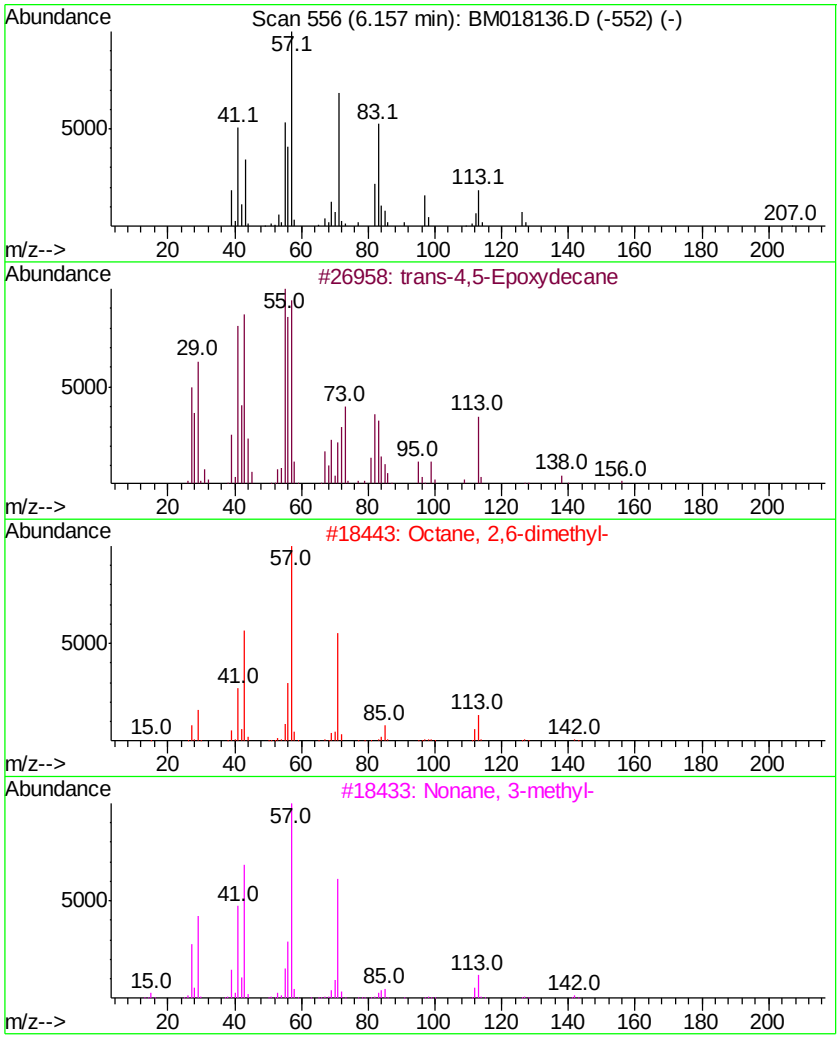
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 27 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	6.64 ng/ul	198219	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4,5-Epoxydecane	156	C10H20O	054724-75-3	38
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	35
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	35
5	2-Nonene, (E)-	126	C9H18	006434-78-2	27



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m/z 71.10 68.46%
m/z 55.10 53.25%
m/z 83.10 52.54%
m/z 41.10 50.40%

Library Search Compound Report

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Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

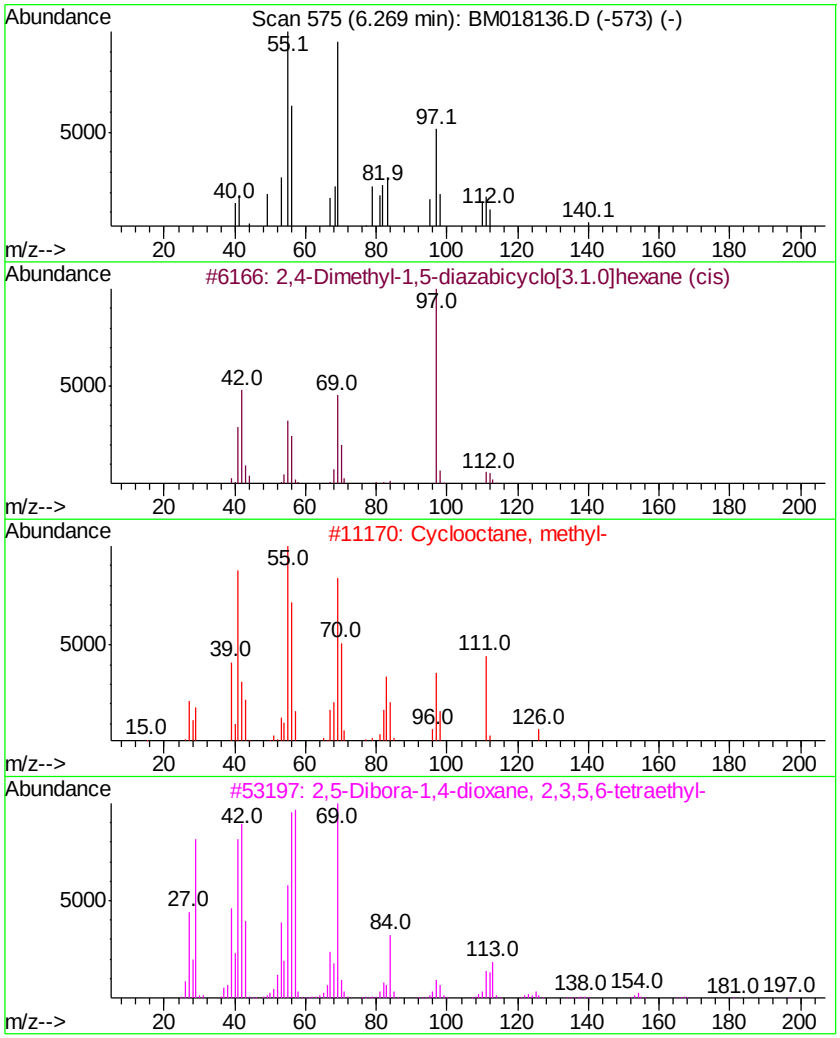
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

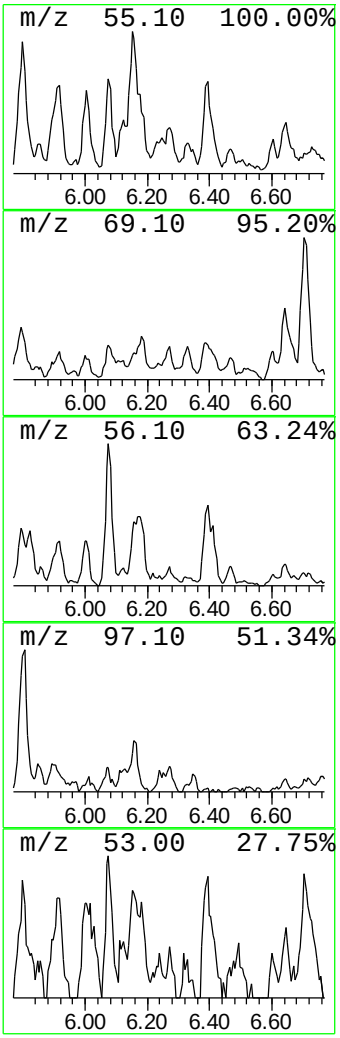
****

Peak Number 28 unknown-02 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	2.01 ng/ul	60138	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	38
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	37
3	2,5-Dibora-1,4-dioxane, 2,3,5,6-...	196	C10H22B2O2	1000161-22-0	35
4	Cyclopentane, pentyl-	140	C10H20	003741-00-2	32
5	Cyclopentane, pentyl-	140	C10H20	003741-00-2	32





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Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

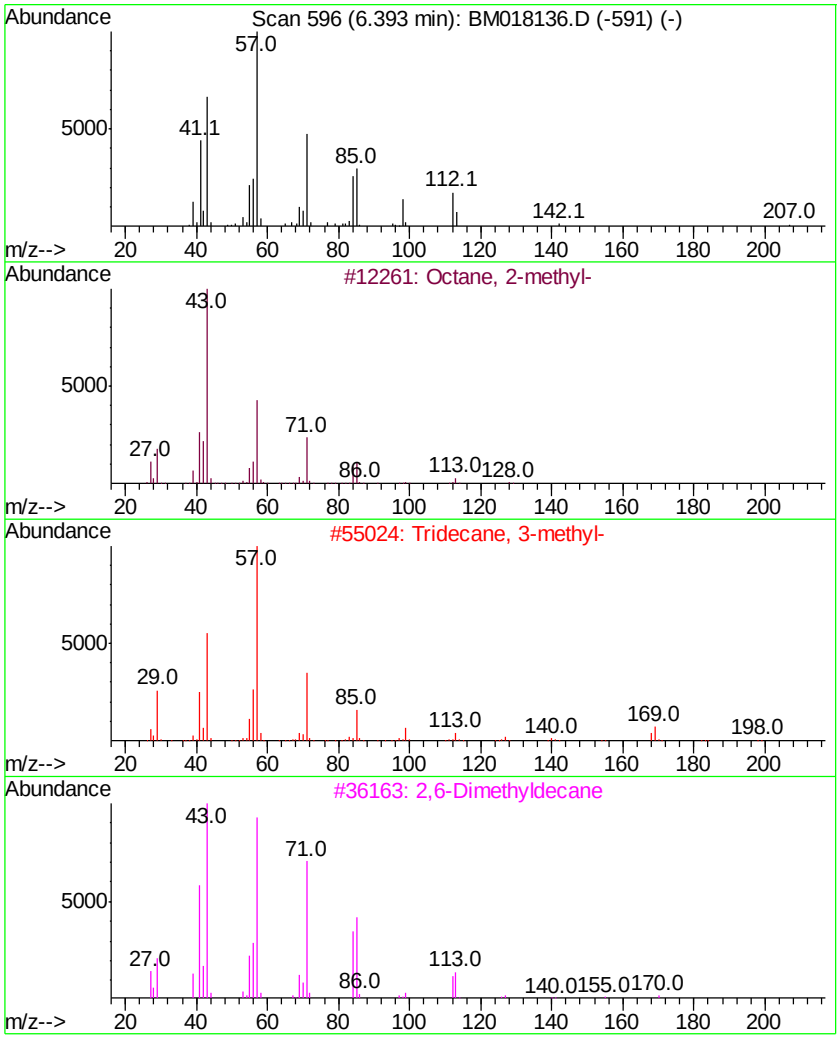
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

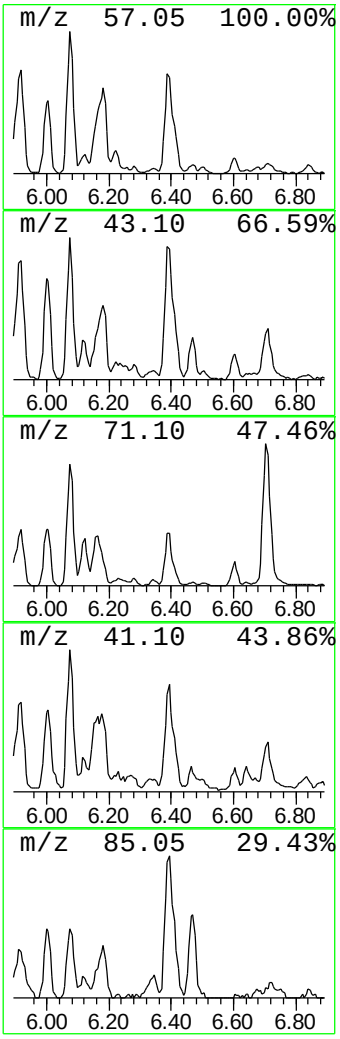
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	17.59 ng/ul	525008	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	64
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	53
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50





Library Search Compound Report

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Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

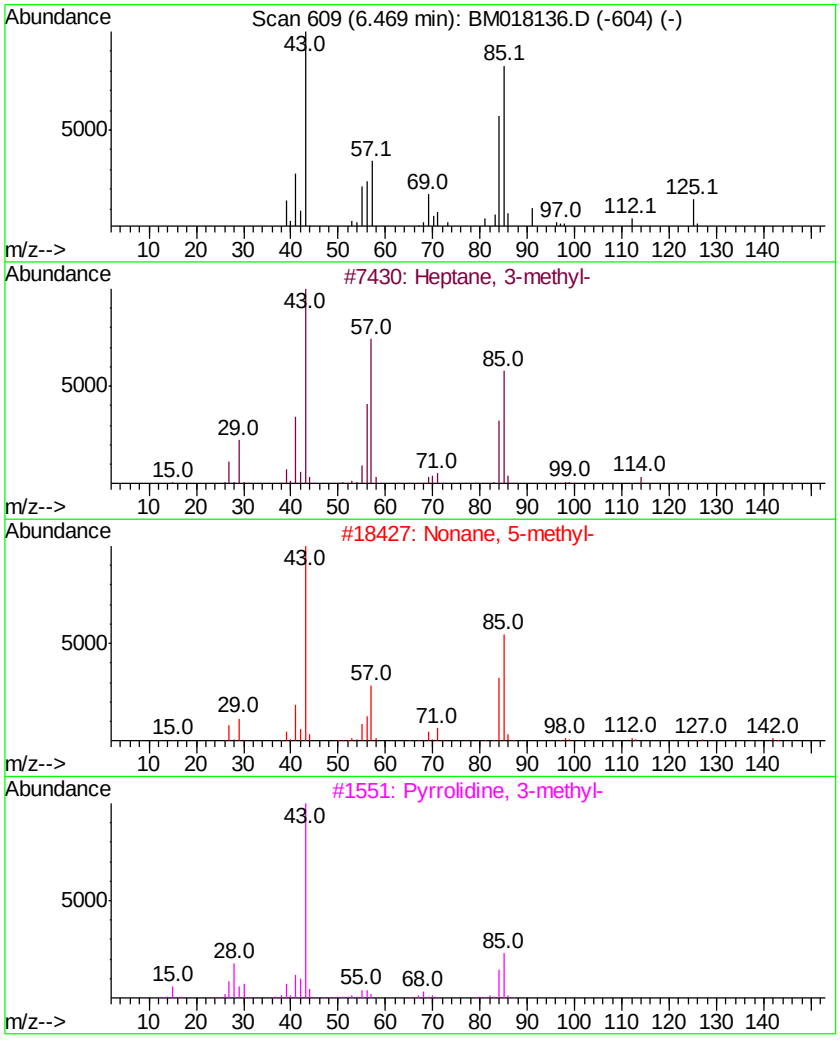
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

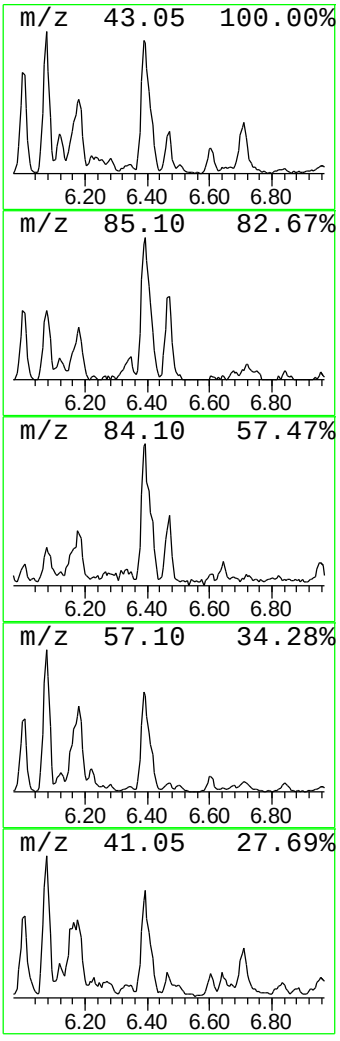
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	2.36 ng/ul	70422	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	72
2	Nonane, 5-methyl-	142	C10H22	015869-85-9	64
3	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	59
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	50
5	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	50





Library Search Compound Report

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Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

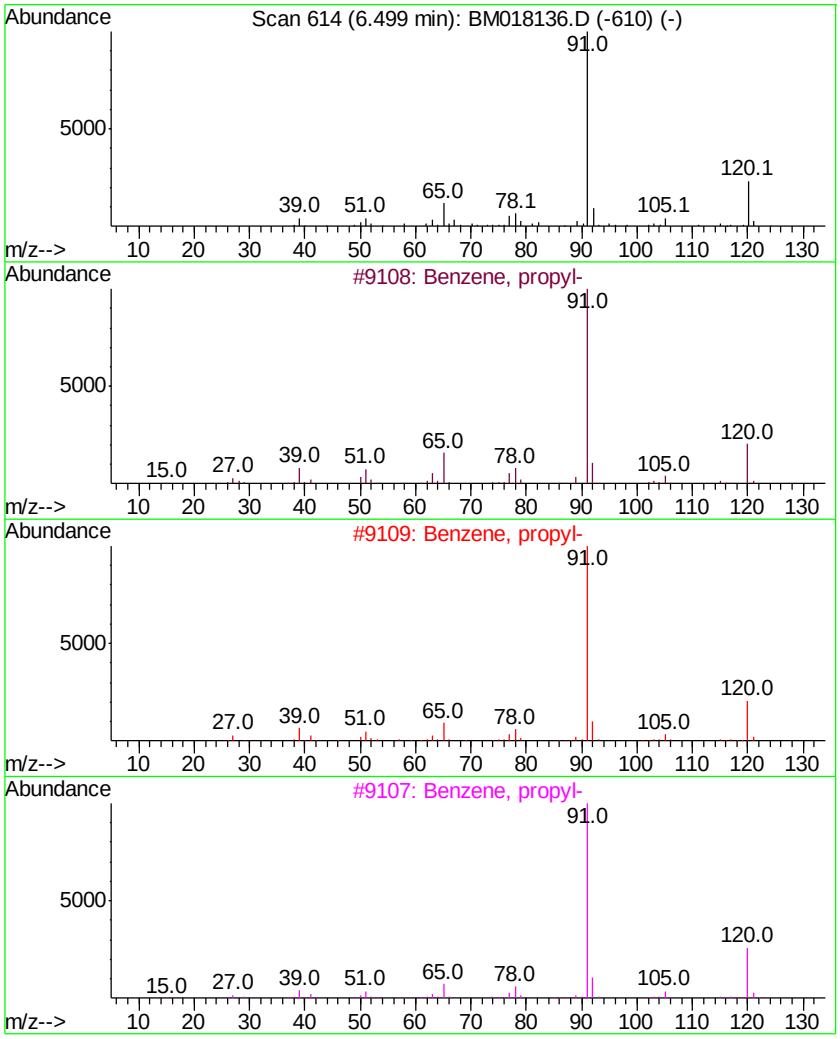
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

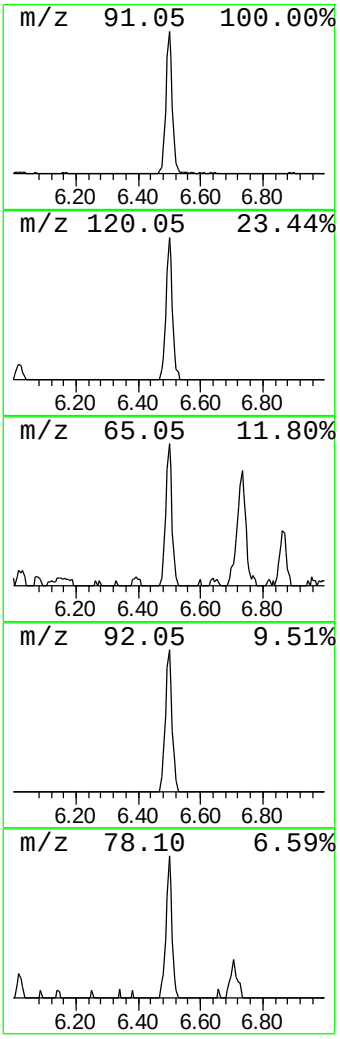
****

Peak Number 31 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	10.86 ng/ul	324280	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Benzene, (ethenyloxy)-	120	C8H8O	000766-94-9	64





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Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

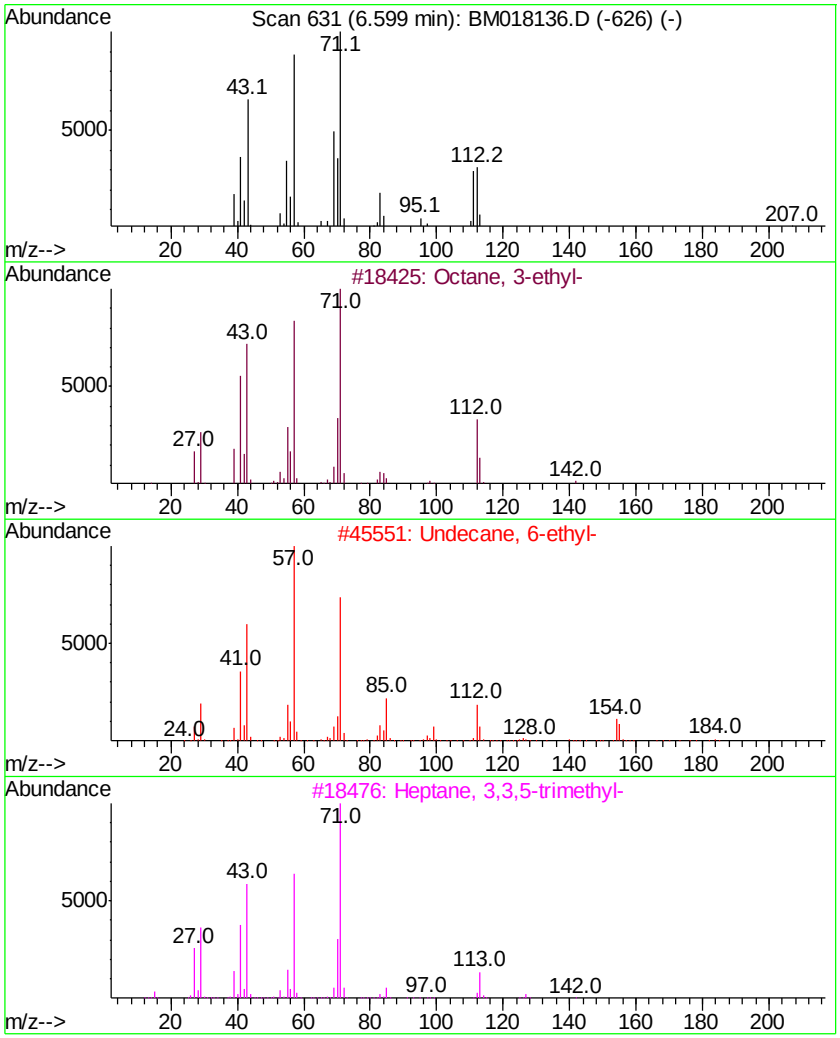
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

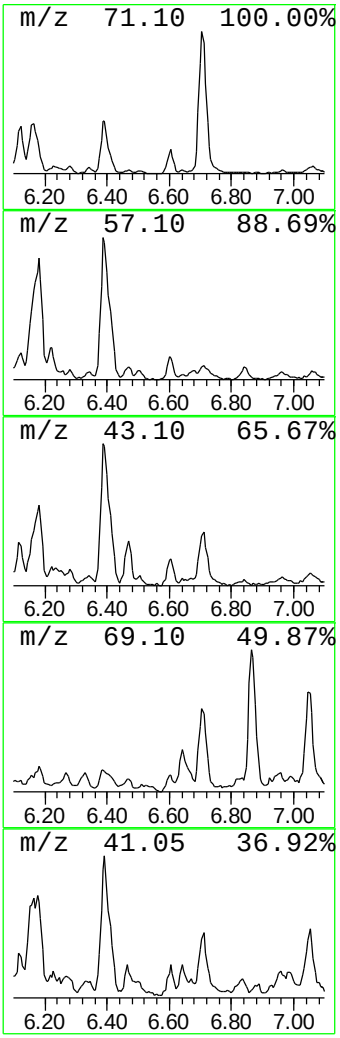
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	3.63 ng/ul	108364	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	72
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50





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Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

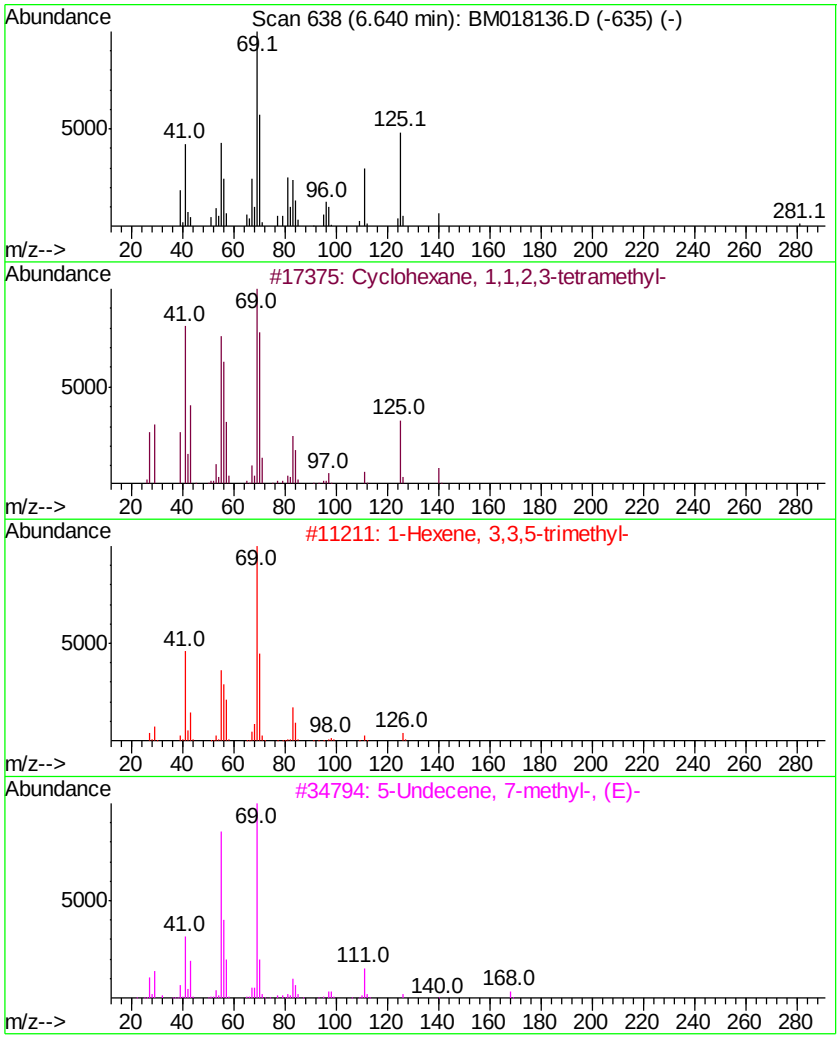
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

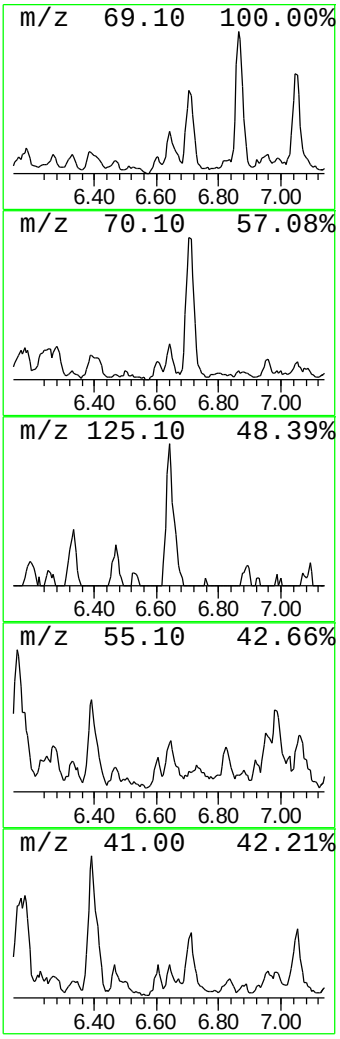
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Cyclic6.64 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	3.41 ng/ul	101723	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	50
2	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	46
3	5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	38
4	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	38
5	9-Oxabicyclo[6.1.0]nonane, 1-met...	140	C9H16O	052954-47-9	38





Library Search Compound Report

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Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

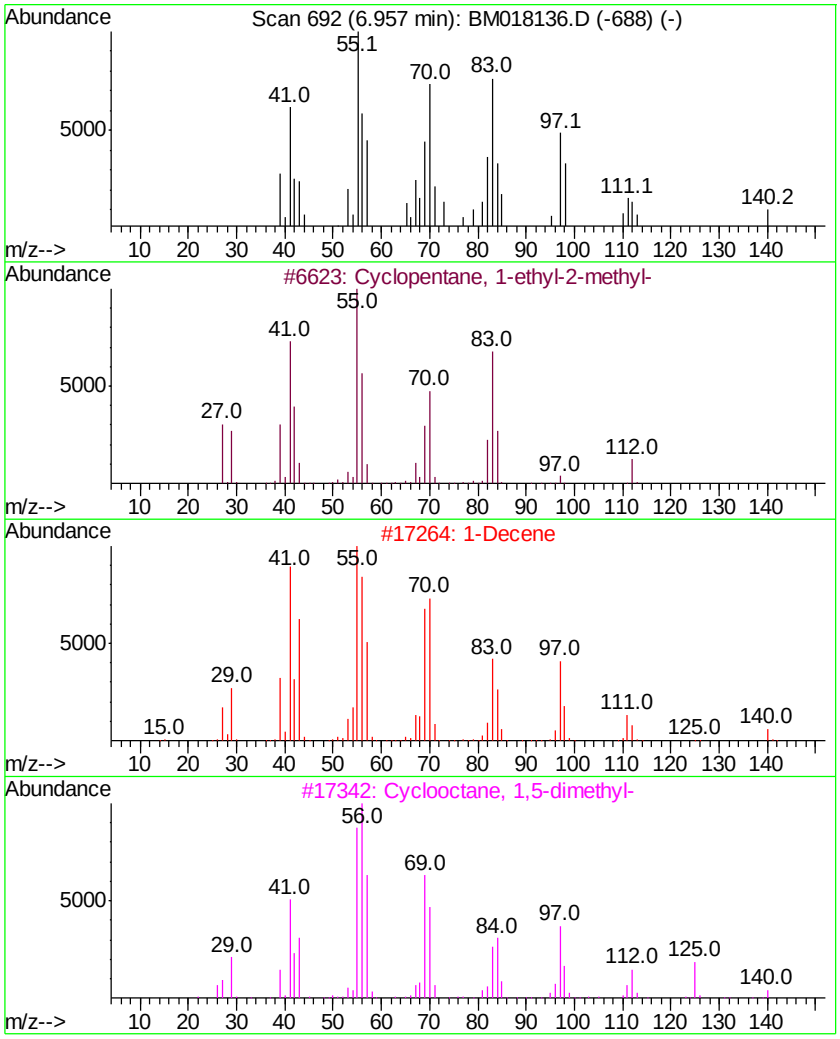
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

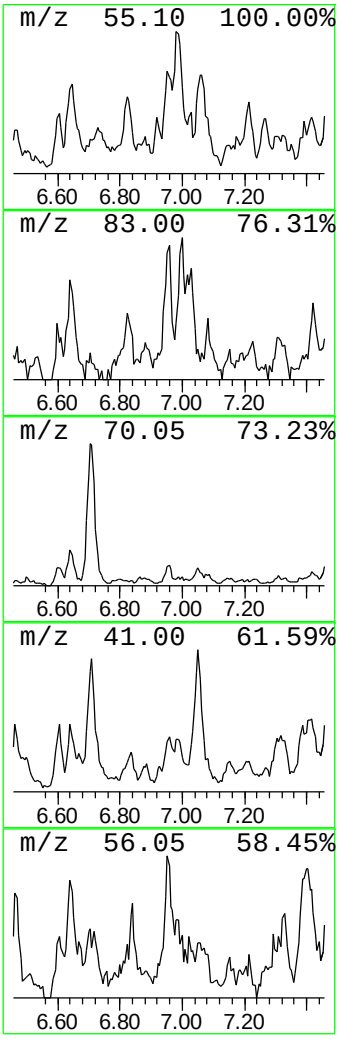
****

Peak Number 34 (DEL) Alkane: Cyclic6.96 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	2.02 ng/ul	60414	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	70
2	1-Decene	140	C10H20	000872-05-9	58
3	Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	49
4	Octane, 4-chloro-	148	C8H17Cl	000999-07-5	47
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	46





Library Search Compound Report

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Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

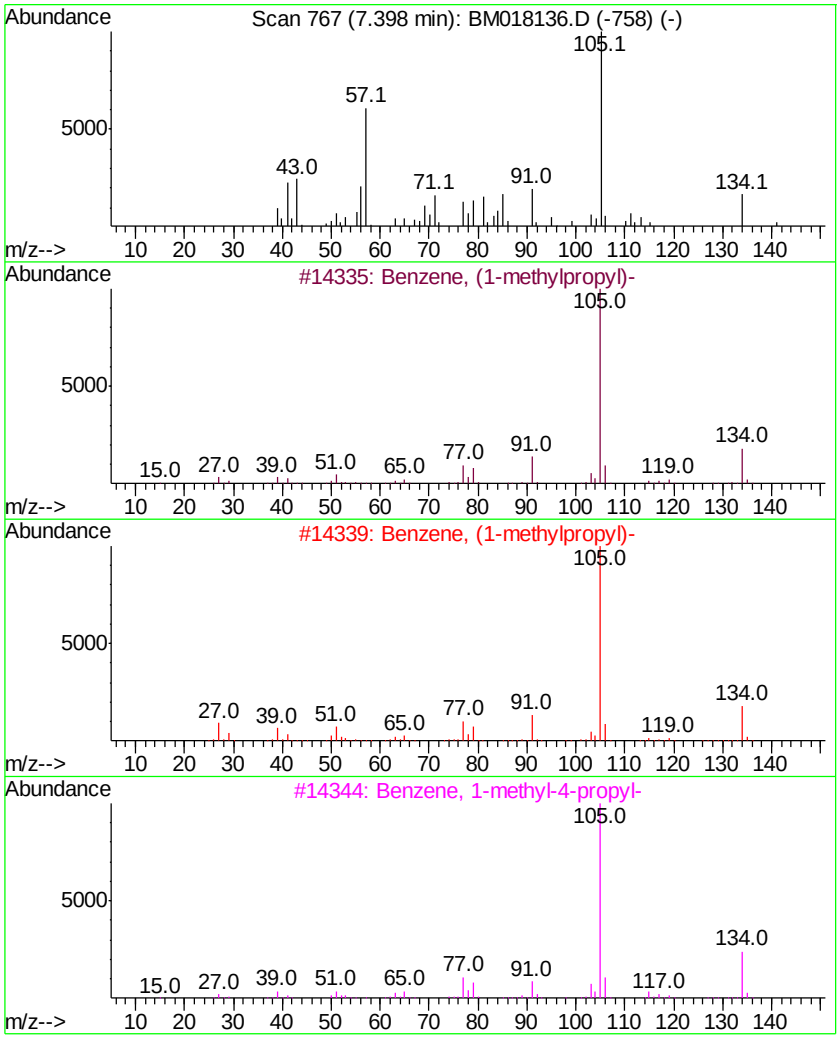
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

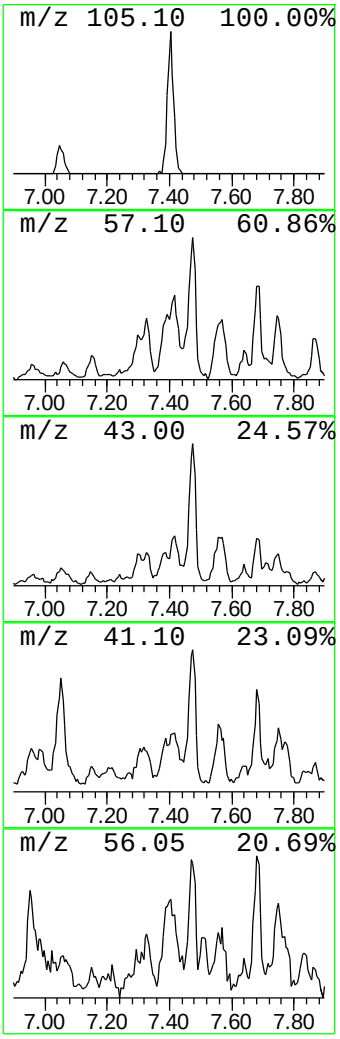
****

Peak Number 35 Benzene, (1-methylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	9.88 ng/ul	294876	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	49





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Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

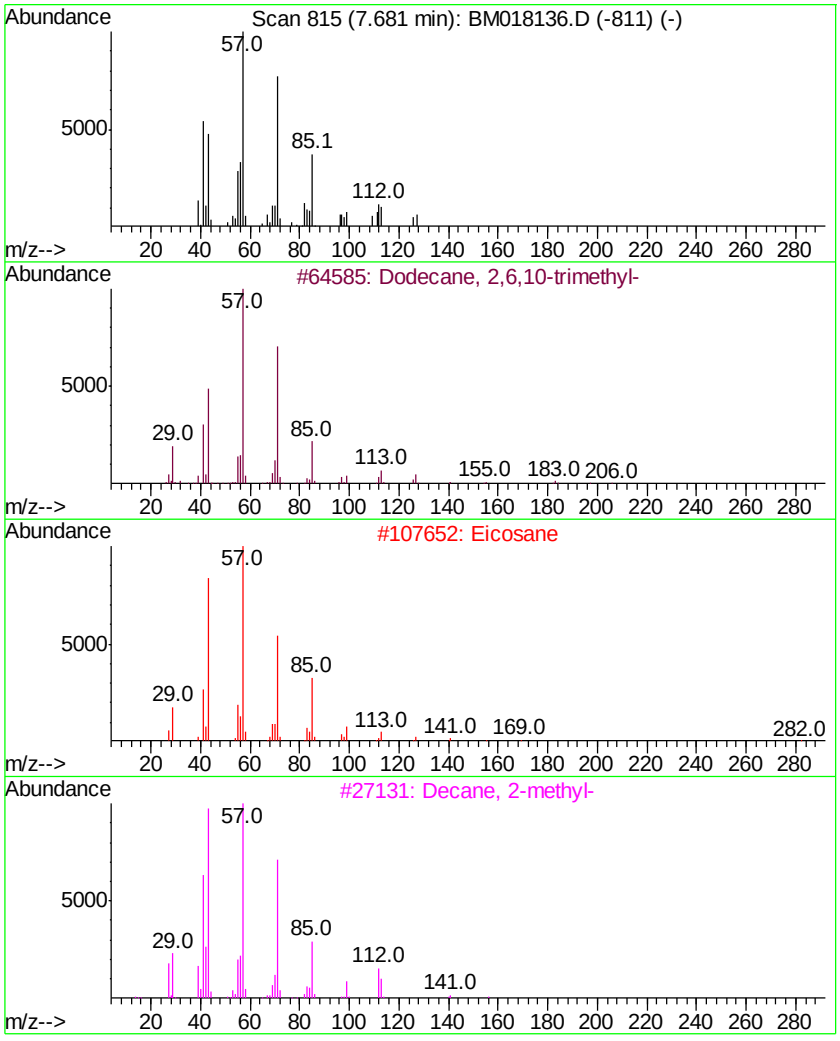
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

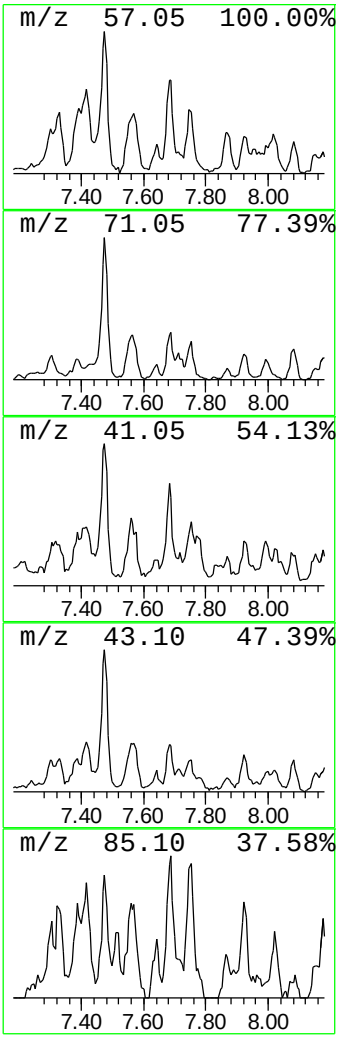
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	4.16 ng/ul	124133	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Eicosane	282	C20H42	000112-95-8	72
3	Decane, 2-methyl-	156	C11H24	006975-98-0	64
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64





Library Search Compound Report

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Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

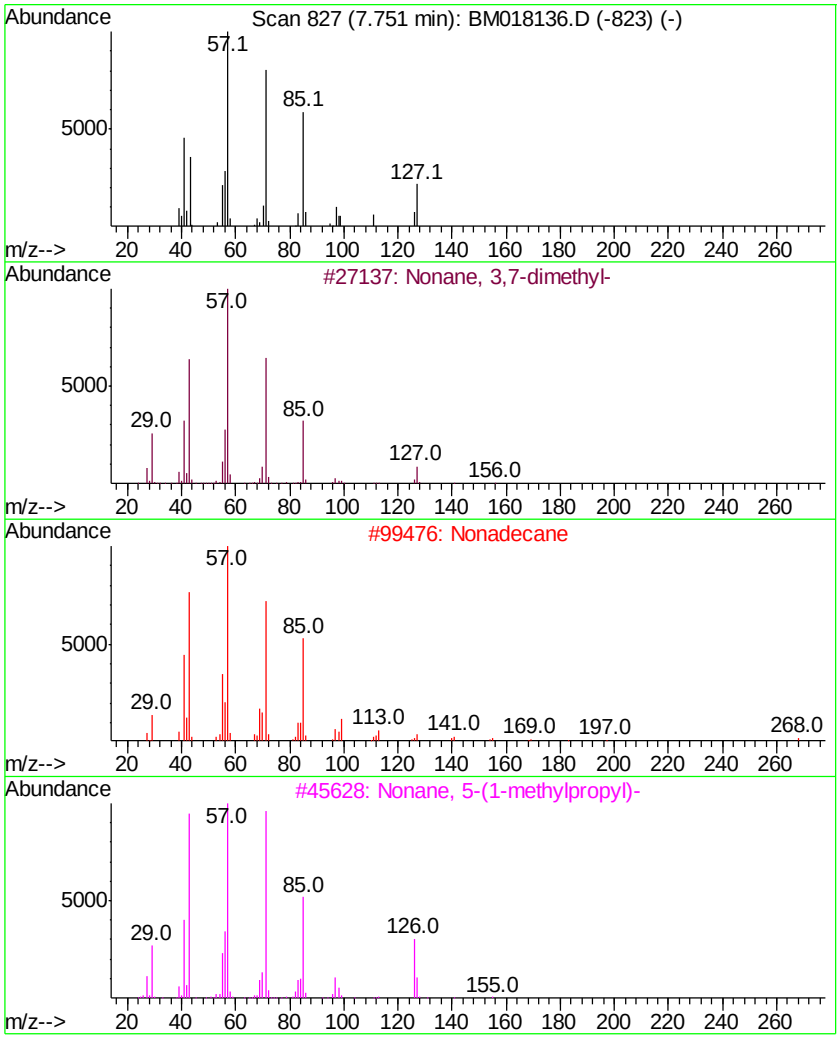
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

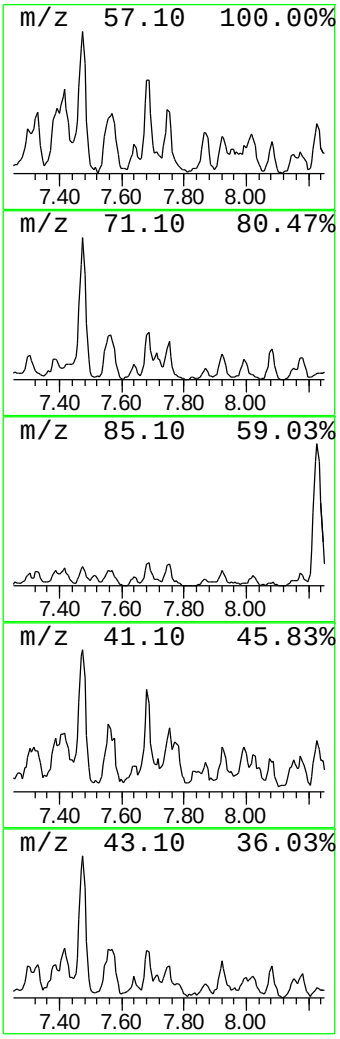
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	2.02 ng/ul	60179	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2	Nonadecane	268	C19H40	000629-92-5	56
3	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	56
4	Tetradecane	198	C14H30	000629-59-4	53
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	50





Library Search Compound Report

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Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

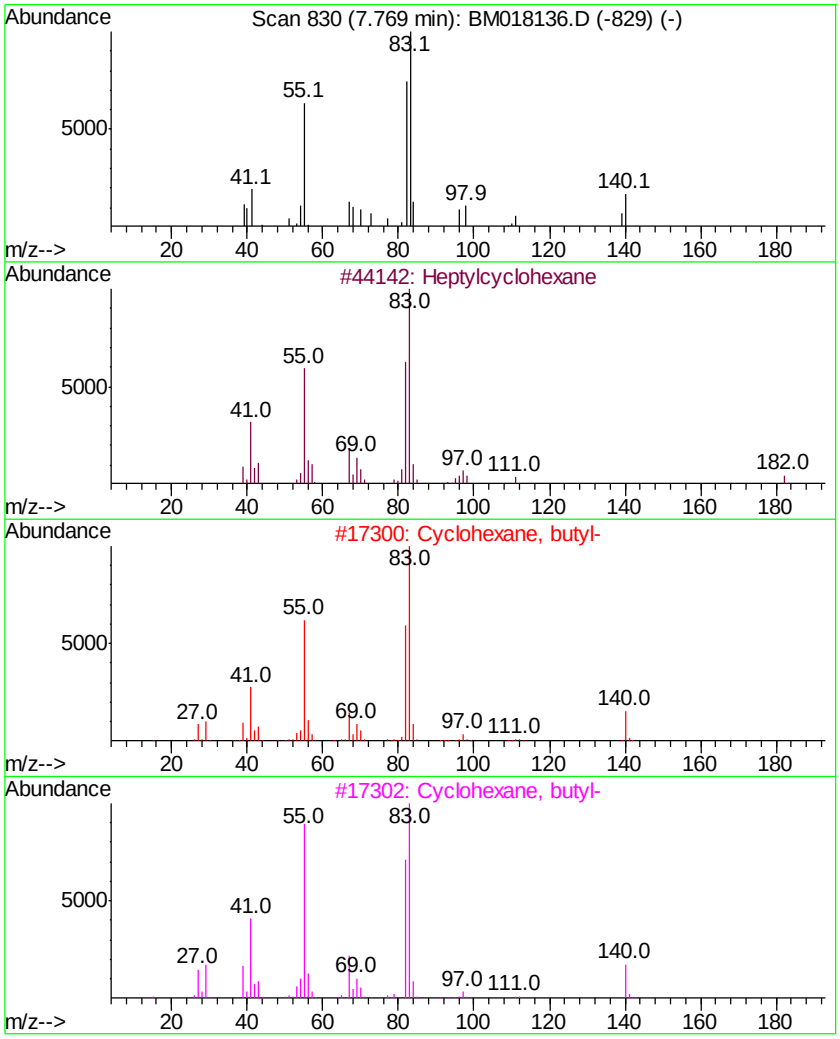
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

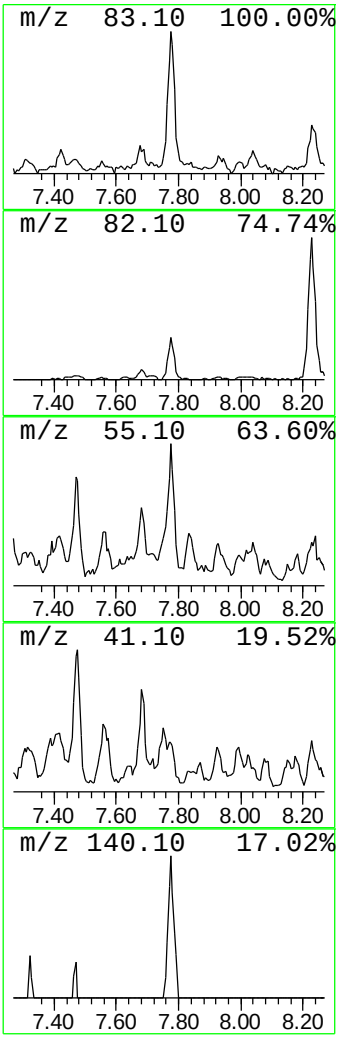
****

Peak Number 38 (DEL) Alkane: Cyclic7.77 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	2.85 ng/ul	85047	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	72
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

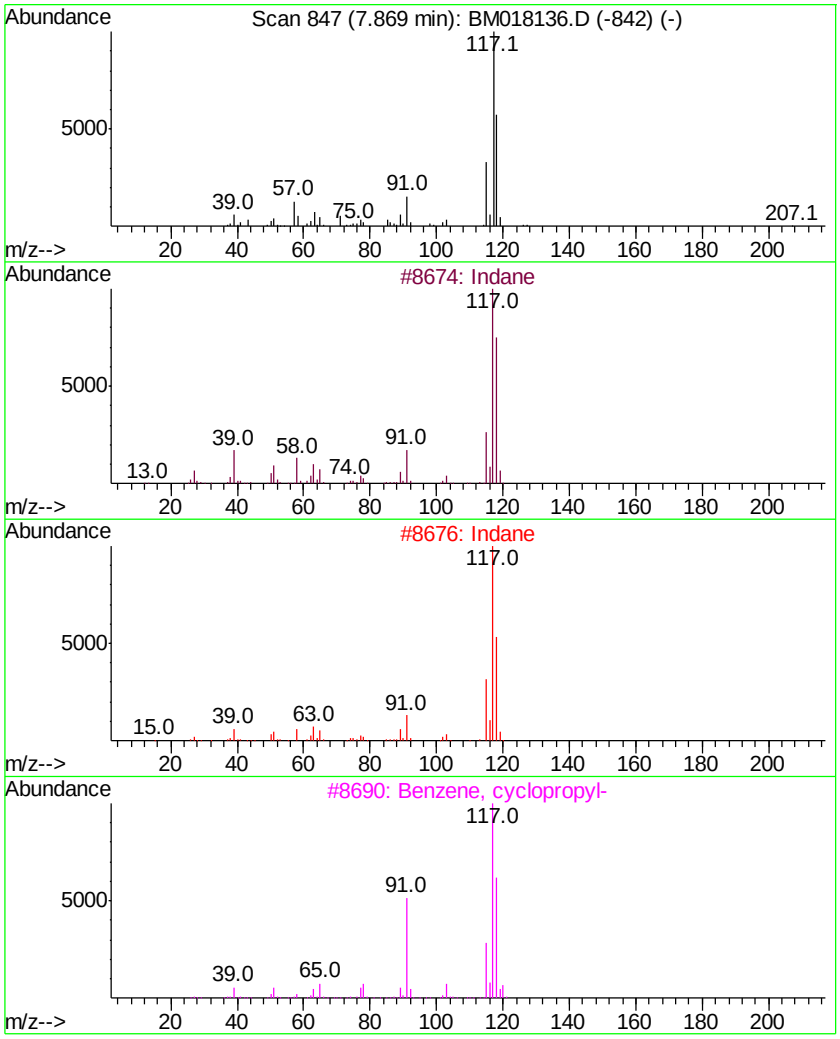
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

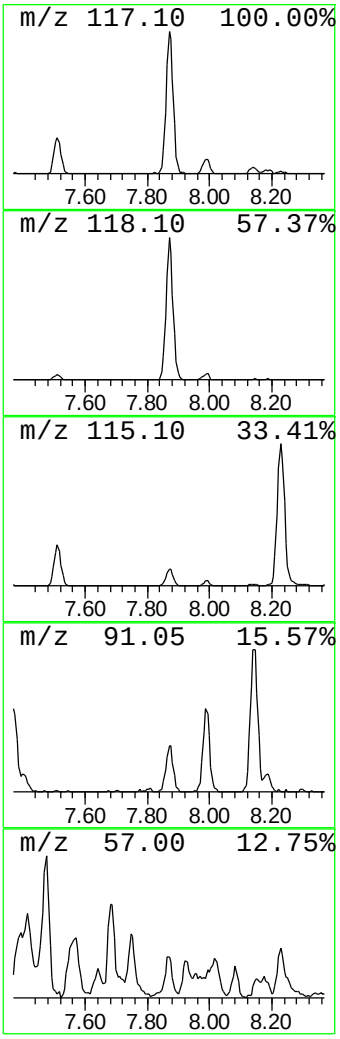
****

Peak Number 39 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	9.43 ng/ul	281575	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Indane	118	C9H10	000496-11-7	60





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Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

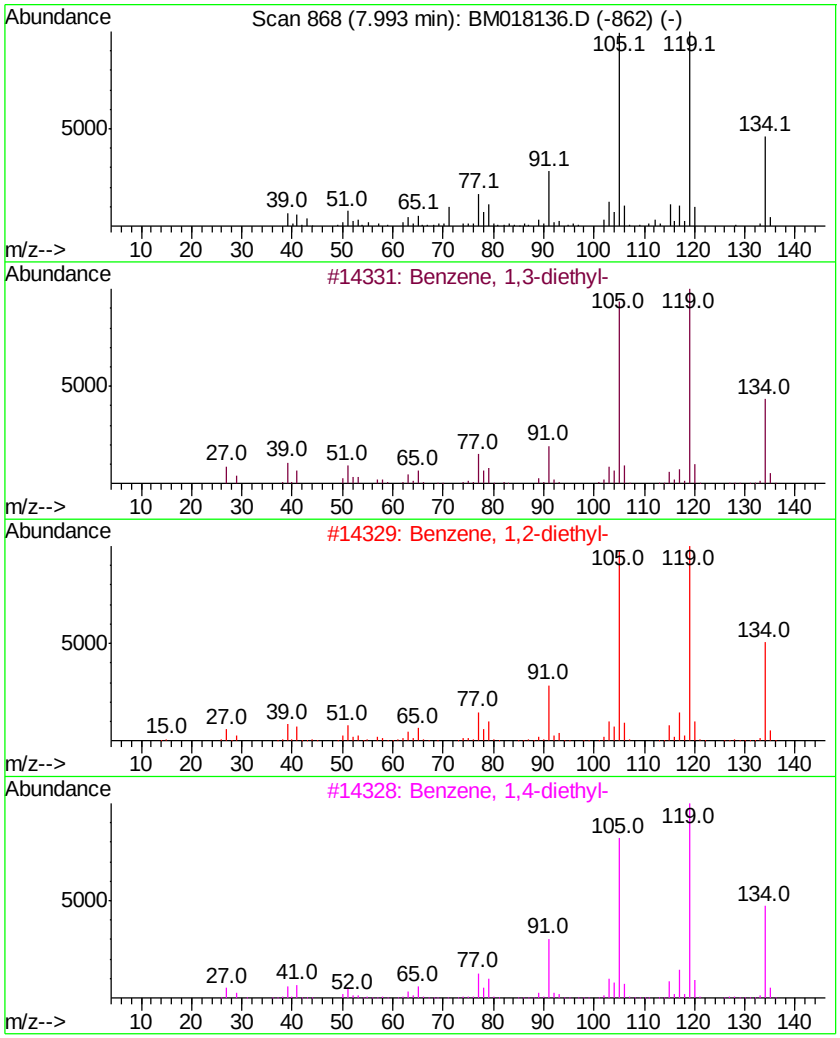
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

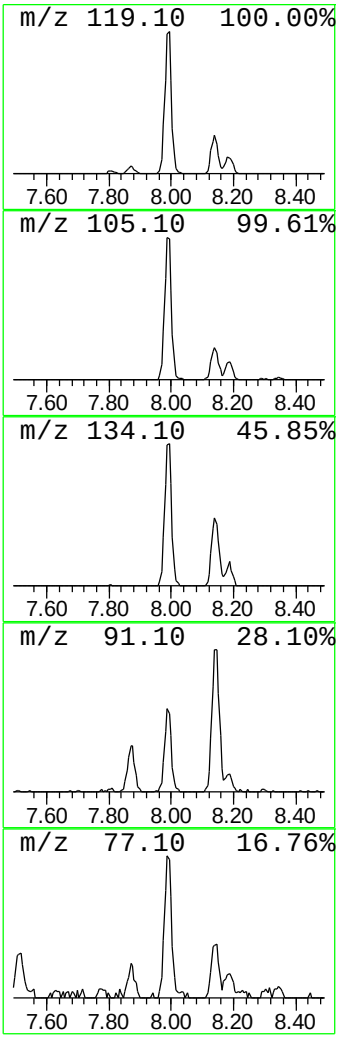
****

Peak Number 40 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	13.82 ng/ul	412461	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

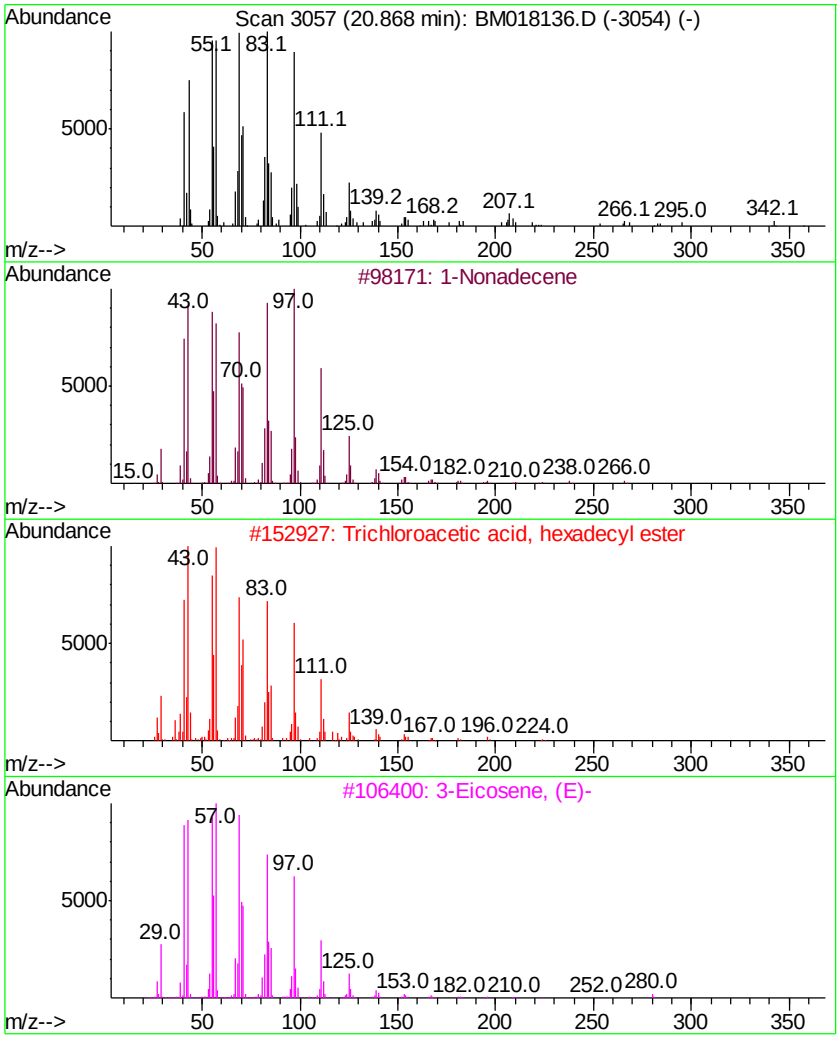
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

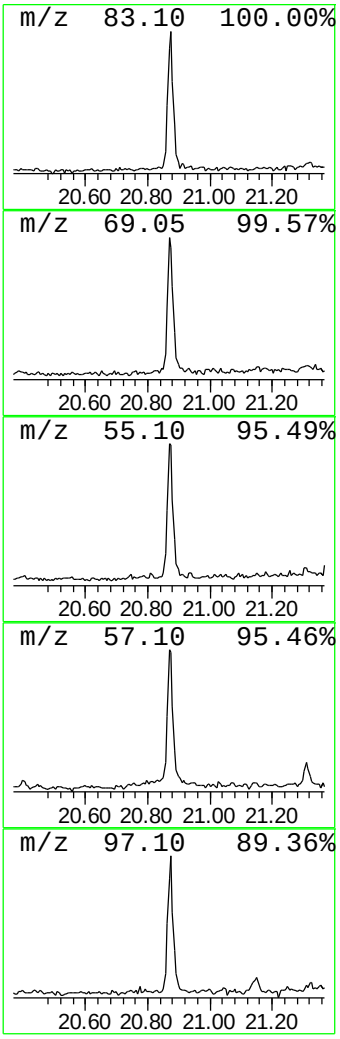
****

Peak Number 52 (DEL) Alkane: Cyclic20.87 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.39 ng/ul	297300	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

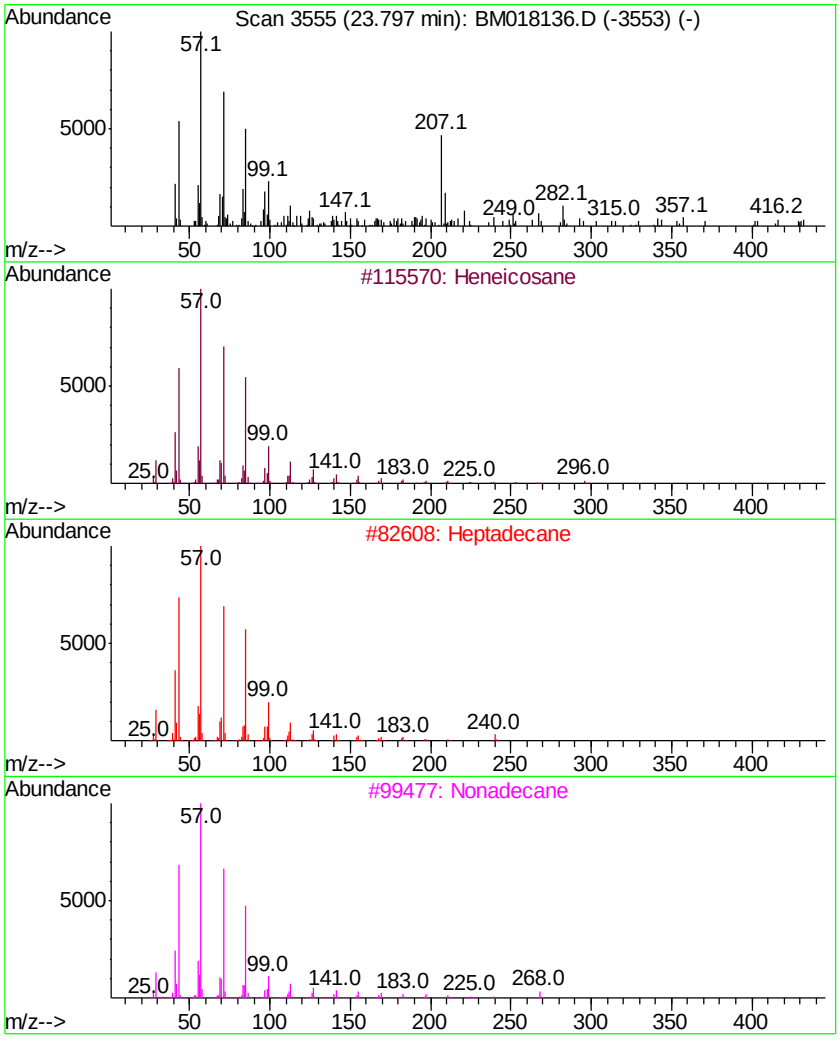
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

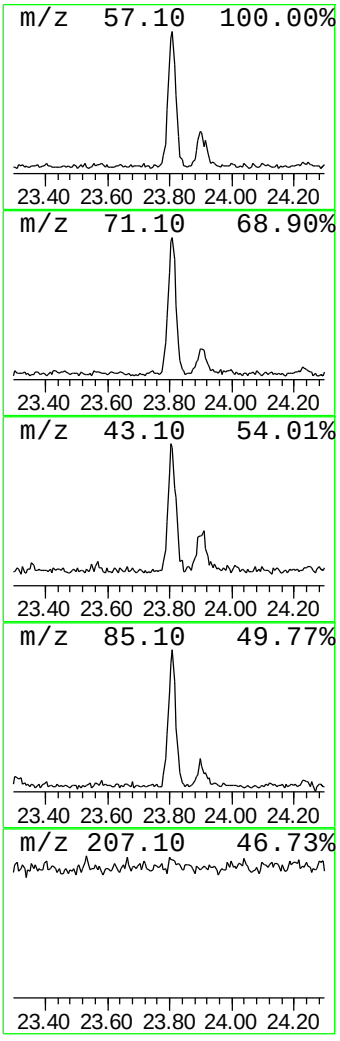
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.15 ng/ul	273707	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane	240	C17H36	000629-78-7	95
3	Nonadecane	268	C19H40	000629-92-5	93
4	Heptadecane	240	C17H36	000629-78-7	89
5	Heptadecane	240	C17H36	000629-78-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
Data File : BM018136.D
Acq On : 13 Dec 2018 19:30
Operator : JU/SJ
Sample : J6271-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.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
Hexane, 1,1'-oxybis-	3.33	2.4	ng/ul	70596	1	7.51	596966	20.0
(DEL) Alkane: Str...	3.65	2.6	ng/ul	78821	1	7.51	596966	20.0
(DEL) Alkane: Str...	3.80	3.4	ng/ul	101655	1	7.51	596966	20.0
4-Heptafluorobuty...	4.09	2.3	ng/ul	68918	1	7.51	596966	20.0
(DEL) Alkane: Cyc...	4.31	2.4	ng/ul	71877	1	7.51	596966	20.0
(DEL) Alkane: Str...	4.36	2.0	ng/ul	59966	1	7.51	596966	20.0
(DEL) Alkane: Str...	4.40	5.5	ng/ul	163060	1	7.51	596966	20.0
(DEL) Alkane: Str...	4.50	8.3	ng/ul	248581	1	7.51	596966	20.0
(DEL) Alkane: Str...	4.59	13.5	ng/ul	403487	1	7.51	596966	20.0
(DEL) Alkane: Str...	4.65	3.5	ng/ul	103151	1	7.51	596966	20.0
(DEL) Alkane: Cyc...	4.76	6.1	ng/ul	183118	1	7.51	596966	20.0
(DEL) Alkane: Str...	4.90	5.2	ng/ul	153766	1	7.51	596966	20.0
(DEL) Alkane: Str...	4.95	6.9	ng/ul	205340	1	7.51	596966	20.0
2,4-Dihydroxypyri...	4.98	2.9	ng/ul	87612	1	7.51	596966	20.0
(DEL) Alkane: Str...	5.10	8.6	ng/ul	256722	1	7.51	596966	20.0
(DEL) Alkane: Cyc...	5.41	4.2	ng/ul	123975	1	7.51	596966	20.0
(DEL) Alkane: Cyc...	5.49	2.8	ng/ul	83330	1	7.51	596966	20.0
Cyclopentane, 1,1...	5.55	2.7	ng/ul	79862	1	7.51	596966	20.0
(DEL) Alkane: Cyc...	5.62	2.3	ng/ul	69812	1	7.51	596966	20.0
(DEL) Alkane: Str...	5.70	3.9	ng/ul	115901	1	7.51	596966	20.0
(DEL) Alkane: Str...	5.80	16.2	ng/ul	484022	1	7.51	596966	20.0
(DEL) Alkane: Str...	5.92	15.5	ng/ul	462664	1	7.51	596966	20.0
(DEL) Alkane: Str...	6.00	13.7	ng/ul	409064	1	7.51	596966	20.0
(DEL) Alkane: Str...	6.08	15.9	ng/ul	473494	1	7.51	596966	20.0
(DEL) Alkane: Str...	6.12	2.9	ng/ul	86484	1	7.51	596966	20.0
unknown-01	6.16	6.6	ng/ul	198219	1	7.51	596966	20.0
unknown-02	6.27	2.0	ng/ul	60138	1	7.51	596966	20.0
(DEL) Alkane: Str...	6.39	17.6	ng/ul	525008	1	7.51	596966	20.0
(DEL) Alkane: Str...	6.47	2.4	ng/ul	70422	1	7.51	596966	20.0
Benzene, propyl-	6.50	10.9	ng/ul	324280	1	7.51	596966	20.0
(DEL) Alkane: Str...	6.60	3.6	ng/ul	108364	1	7.51	596966	20.0
(DEL) Alkane: Cyc...	6.64	3.4	ng/ul	101723	1	7.51	596966	20.0
(DEL) Alkane: Cyc...	6.96	2.0	ng/ul	60414	1	7.51	596966	20.0
Benzene, (1-methy...	7.40	9.9	ng/ul	294876	1	7.51	596966	20.0
(DEL) Alkane: Str...	7.68	4.2	ng/ul	124133	1	7.51	596966	20.0
(DEL) Alkane: Str...	7.75	2.0	ng/ul	60179	1	7.51	596966	20.0
(DEL) Alkane: Cyc...	7.77	2.9	ng/ul	85047	1	7.51	596966	20.0
Indane	7.87	9.4	ng/ul	281575	1	7.51	596966	20.0
Benzene, 1,3-diet...	7.99	13.8	ng/ul	412461	1	7.51	596966	20.0
(DEL) Alkane: Cyc...	20.87	2.4	ng/ul	297300	5	21.15	2490880	20.0
(DEL) Alkane: Str...	23.80	2.1	ng/ul	273707	6	23.31	2549370	20.0