LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM018003.D
Acq On : 07 Dec 2018 17:11
Operator : JU/SJ
Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

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-BM111918MA.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	3.075	10	15	22	rVB2	55221	103532	3.44%	0.247%
2	3.163	27	30	37	rVB	32129	48905	1.62%	0.117%
3	3.393	60	69	75	rBV2	55277	116871	3.88%	0.279%
4	3.752	125	130	140	rVB2	77561	144809	4.81%	0.345%
5	3.852	140	147	150	rBV2	91019	154304	5.12%	0.368%
6	4.011	169	174	178	rBV4	48876	84890	2.82%	0.202%
7	4.063	178	183	188	rVB3	63377	94610	3.14%	0.226%
8	4.140	192	196	198	rVV3	65481	100108	3.32%	0.239%
9	4.169	198	201	209	rVB	222927	345049	11.45%	0.823%
10	4.363	230	234	239	rVB5	31313	51208	1.70%	0.122%
11	4.558	262	267	272	rBV2	39233	81550	2.71%	0.194%
12	4.687	285	289	296	rVV5	31223	55405	1.84%	0.132%
13	4.752	296	300	305	rVB	48616	65982	2.19%	0.157%
14	4.805	305	309	313	rBV	46971	75072	2.49%	0.179%
15	4.852	313	317	325	rVB8	29646	62240	2.07%	0.148%
16	5.046	344	350	352	rBV4	50779	85872	2.85%	0.205%
17	5.116	358	362	366	rVV	61215	81662	2.71%	0.195%
18	5.175	368	372	377	rVB	79339	106588	3.54%	0.254%
19	5.240	377	383	397	rVB	117816	302345	10.03%	0.721%
20	5.387	401	408	413	rVB9	33877	64779	2.15%	0.154%
21	5.469	415	422	429	rBV2	117743	212371	7.05%	0.506%
22	5.540	429	434	438	rBV2	38739	68480	2.27%	0.163%
23	5.599	439	444	451	rVB2	456202	657547	21.82%	1.568%
24	5.675	451	457	463	rVB6	33083	61557	2.04%	0.147%
25	5.852	478	487	491	rBV3	35843	82360	2.73%	0.196%
26	6.069	516	524	529	rBV8	47328	118567	3.93%	0.283%
27	6.122	529	533	538	rVV2	67628	100759	3.34%	0.240%
28	6.204	539	547	557	rVB4	80260	204080	6.77%	0.487%
29	6.310	559	565	569	rBV7	16240	40069	1.33%	0.096%
30	6.452	582	589	594	rBV7	23208	61875	2.05%	0.148%
31	6.551	601	606	611	rVB2	90532	128363	4.26%	0.306%
32	6.604	611	615	619	rVB2	45791	58158	1.93%	0.139%
33	6.652	619	623	628	rBV	128654	204473	6.79%	0.488%
34	6.710	628	633	635	rBV3	83255	123258	4.09%	0.294%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

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-BM111918MA.M
Title : SVOA CALIBRATION

35	6.746	635	639	656	rVB2	505619	1123711	37.29%	2.679%
36	6.910	658	667	671	rBV	430159	700685	23.25%	1.671%
37	7.040	685	689	693	rVB2	112277	140306	4.66%	0.335%
38	7.093	693	698	706	rVB	566876	928357	30.81%	2.214%
39	7.175	706	712	715	rBV	381982	586730	19.47%	1.399%
40	7.257	723	726	731	rVB4	36320	54434	1.81%	0.130%
41	7.522	766	771	772	rBV	69203	85128	2.82%	0.203%
42	7.557	772	777	790	rVB	479777	827738	27.47%	1.974%
43	7.663	790	795	803	rBV2	74720	149485	4.96%	0.356%
44	7.828	814	823	829	rBV6	48274	129818	4.31%	0.310%
45	7.916	835	838	844	rVB	34928	53701	1.78%	0.128%
46	8.187	878	884	890	rBV4	110257	225916	7.50%	0.539%
47	8.269	892	898	907	rBV	568818	1041571	34.56%	2.483%
48	8.493	932	936	940	rBV	38120	60288	2.00%	0.144%
49	8.545	940	945	950	rVB	56358	94898	3.15%	0.226%
50	8.640	950	961	967	rBV3	166257	366202	12.15%	0.873%
51	8.710	967	973	978	rVV	551677	985349	32.70%	2.349%
52	8.757	978	981	990	rVB	406789	586403	19.46%	1.398%
53	8.834	990	994	998	rBV5	31605	53637	1.78%	0.128%
54	8.881	998	1002	1011	rVB7	34428	76307	2.53%	0.182%
55	8.975	1011	1018	1023	rBV6	36645	89152	2.96%	0.213%
56	9.169	1046	1051	1056	rBV4	34897	53266	1.77%	0.127%
57	9.222	1056	1060	1067	rVB2	59783	110629	3.67%	0.264%
58	9.422	1085	1094	1105	rBV	435208	879338	29.18%	2.097%
59	9.575	1116	1120	1132	rVB4	71507	172623	5.73%	0.412%
60	9.681	1132	1138	1140	rBV4	28861	52983	1.76%	0.126%
61	9.728	1140	1146	1155	rVV5	125220	274756	9.12%	0.655%
62	9.957	1179	1185	1194	rBV	565741	992232	32.93%	2.366%
63	10.175	1217	1222	1226	rBV3	65490	104299	3.46%	0.249%
64	10.322	1236	1247	1252	rBV2	634468	1513501	50.22%	3.609%
65	10.369	1252	1255	1262	rVB	115620	208234	6.91%	0.497%
66	10.434	1262	1266	1268	rBV	46461	63860	2.12%	0.152%
67	10.481	1268	1274	1282	rBV	443195	818215	27.15%	1.951%
68	11.234	1397	1402	1410	rVB5	39939	67138	2.23%	0.160%
69	11.339	1415	1420	1426	rBV2	33784	59194	1.96%	0.141%
70	11.422	1431	1434	1440	rVB2	24473	39827	1.32%	0.095%
71	11.751	1486	1490	1495	rVB2	116578	167217	5.55%	0.399%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Title : SVOA CALIBRATION

72	11.998	1526	1532	1539	rVV	98006	184192	6.11%	0.439%
73	12.216	1562	1569	1581	rBV	62500	131626	4.37%	0.314%
74	13.022	1697	1706	1713	rBV	71925	118869	3.94%	0.283%
75	13.369	1759	1765	1774	rBV5	22973	53647	1.78%	0.128%
76	13.522	1783	1791	1796	rBV3	34564	68405	2.27%	0.163%
77	13.575	1796	1800	1803	rVV	30672	46417	1.54%	0.111%
78	13.628	1803	1809	1814	rVV	1022136	1504579	49.93%	3.587%
79	13.675	1814	1817	1824	rVV	152132	237571	7.88%	0.566%
80	13.892	1847	1854	1865	rBV	1248892	1889558	62.70%	4.505%
81	14.110	1885	1891	1897	rBV2	58042	83545	2.77%	0.199%
82	14.204	1900	1907	1915	rBV2	806319	1266597	42.03%	3.020%
83	14.457	1940	1950	1965	rBV3	150421	482102	16.00%	1.149%
84	15.069	2050	2054	2059	rVB2	49760	64090	2.13%	0.153%
85	15.204	2071	2077	2090	rVV	1497464	2291930	76.06%	5.465%
86	15.351	2095	2102	2112	rBV	374039	633629	21.03%	1.511%
87	15.939	2197	2202	2210	rBV	35917	65828	2.18%	0.157%
88	16.963	2370	2376	2382	rBV	996998	1415828	46.98%	3.376%
89	17.063	2386	2393	2407	rVV	1534334	2367757	78.57%	5.646%
90	17.874	2525	2531	2543	rBV2	284851	484345	16.07%	1.155%
91	19.168	2747	2751	2757	rBV3	92520	147299	4.89%	0.351%
92	19.315	2772	2776	2780	rBV	199309	212697	7.06%	0.507%
93	19.368	2780	2785	2794	rVV2	1882373	2723482	90.38%	6.494%
94	20.374	2952	2956	2961	rBV2	123651	138554	4.60%	0.330%
95	20.433	2963	2966	2969	rBV3	48665	57582	1.91%	0.137%
96	20.904	3041	3046	3056	rBV2	388624	566521	18.80%	1.351%
97	21.180	3088	3093	3107	rBV	1179237	1716174	56.95%	4.092%
98	21.345	3118	3121	3128	rVB2	84563	108301	3.59%	0.258%
99	23.215	3433	3439	3452	rBV	1501577	3013499	100.00%	7.185%
100	23.356	3458	3463	3471	rVB	866252	1580701	52.45%	3.769%

Sum of corrected areas: 41940151

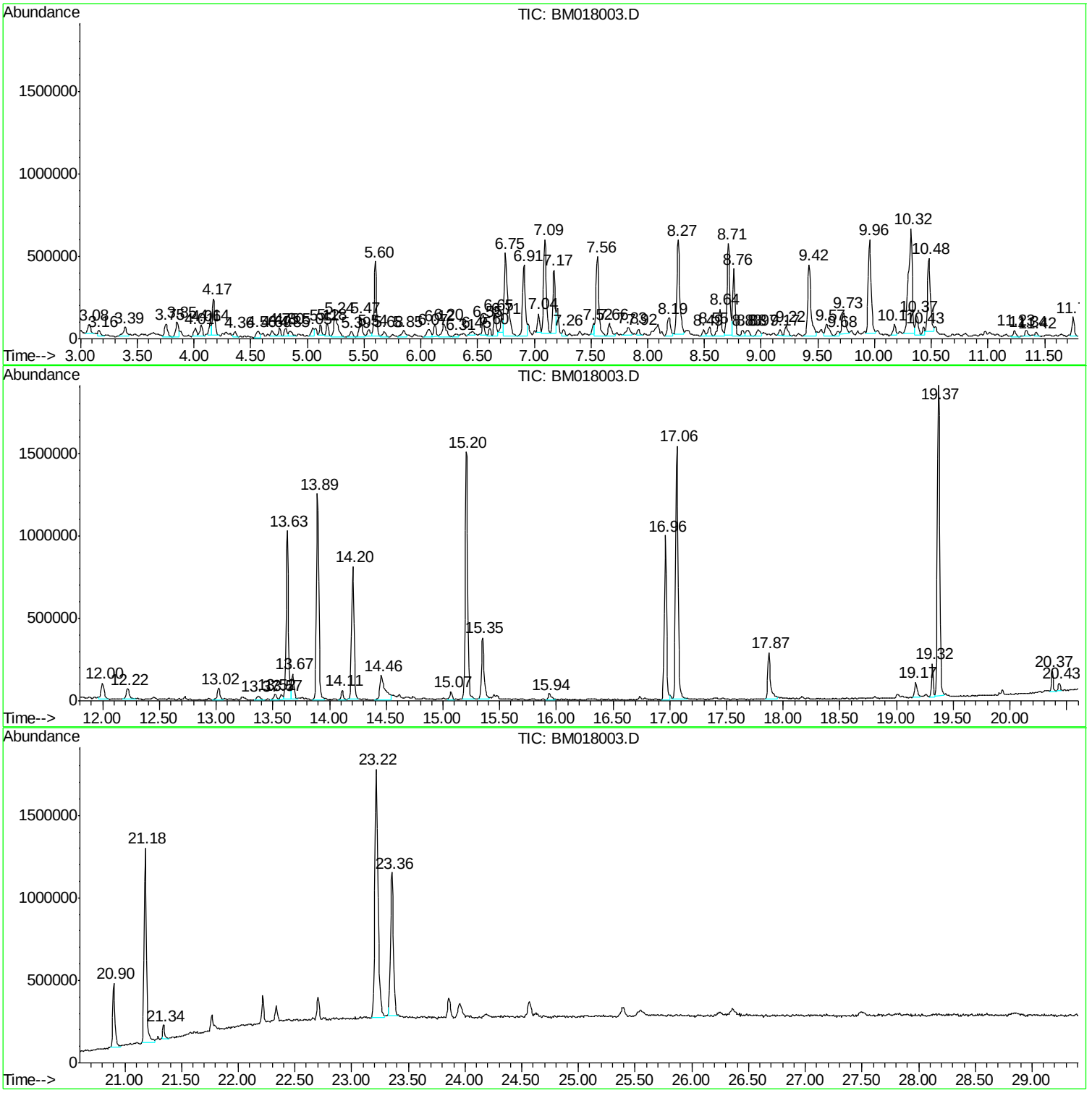
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM018003.D
Acq On : 07 Dec 2018 17:11
Operator : JU/SJ
Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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\BM120718\
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Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

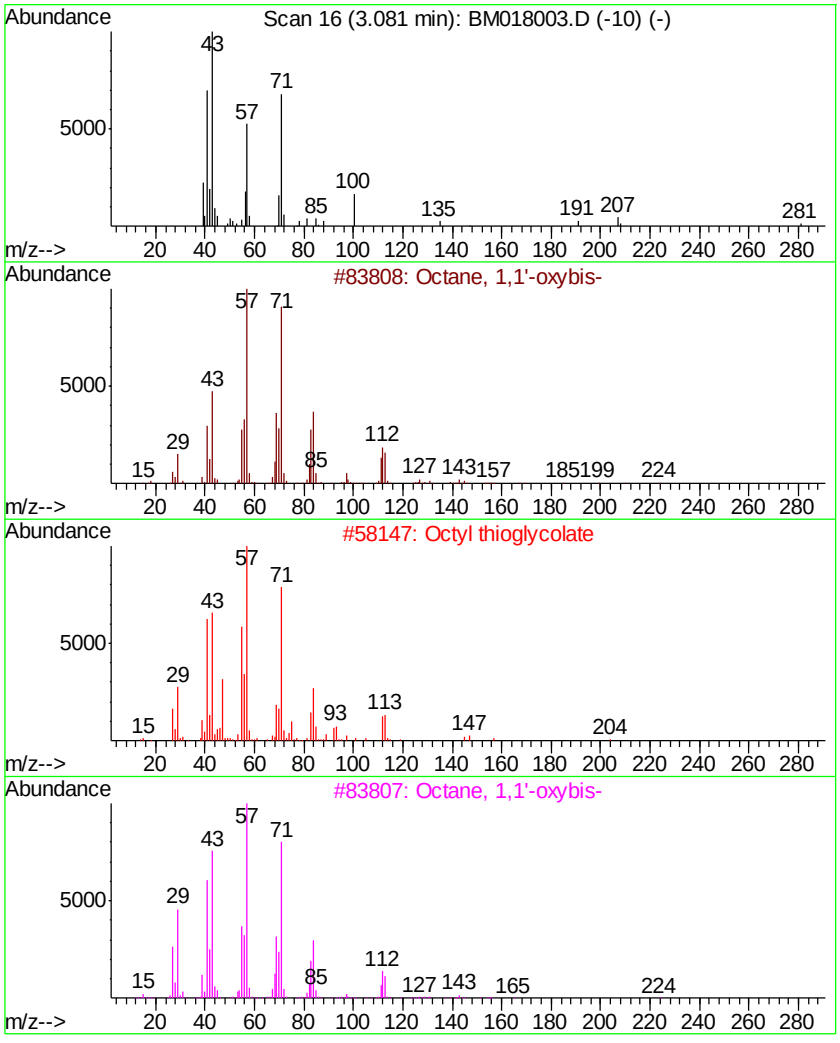
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

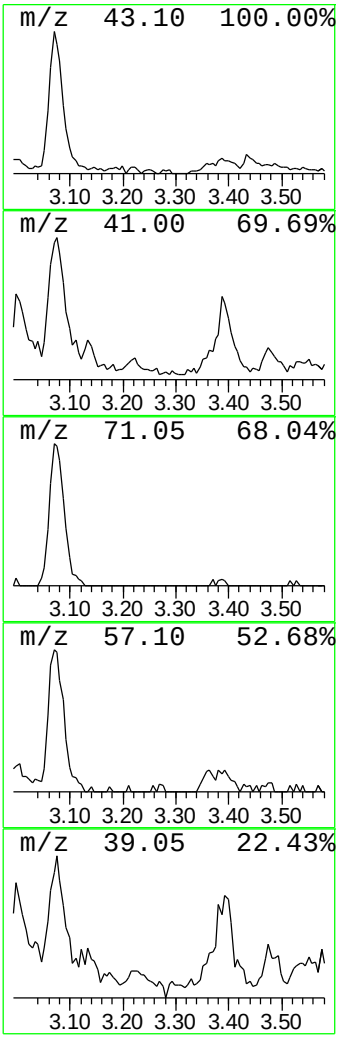
****

Peak Number 1 Octane, 1,1'-oxybis- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	2.50 ng/ul	103532	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
2	Octyl thioglycolate	204	C10H20O2S	007664-80-4	53
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	50
4	Heptane	100	C7H16	000142-82-5	47
5	Heptane	100	C7H16	000142-82-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM018003.D
Acq On : 07 Dec 2018 17:11
Operator : JU/SJ
Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

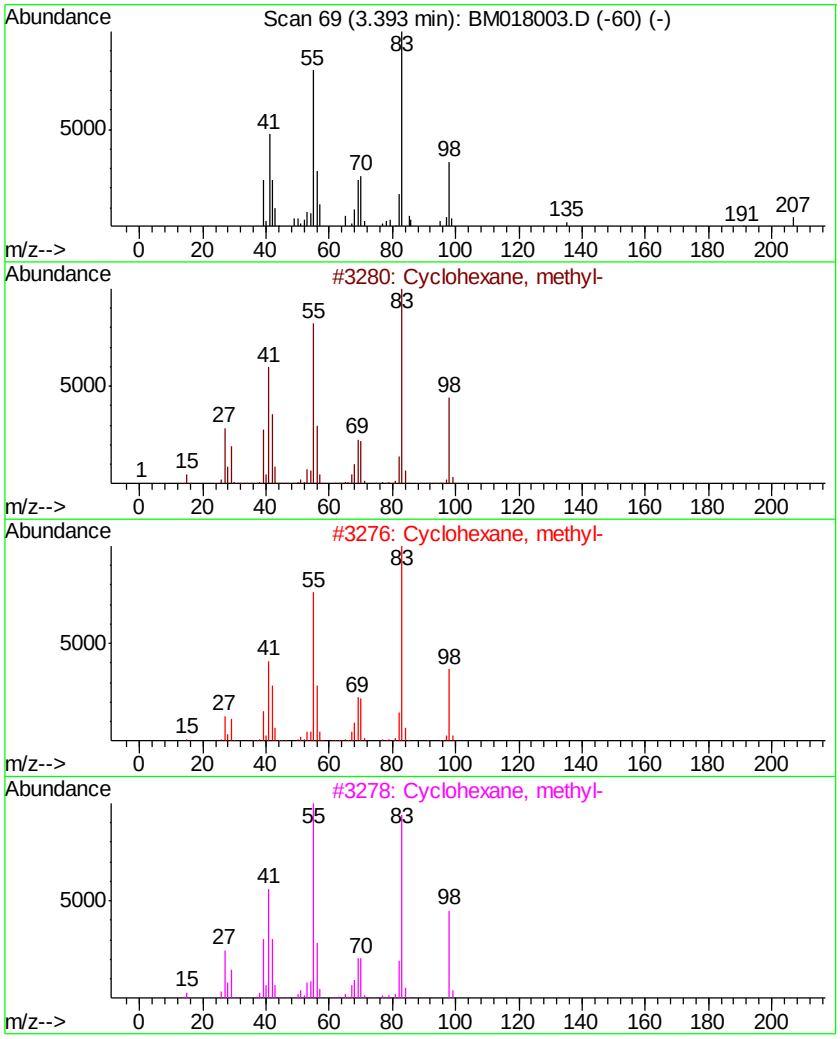
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

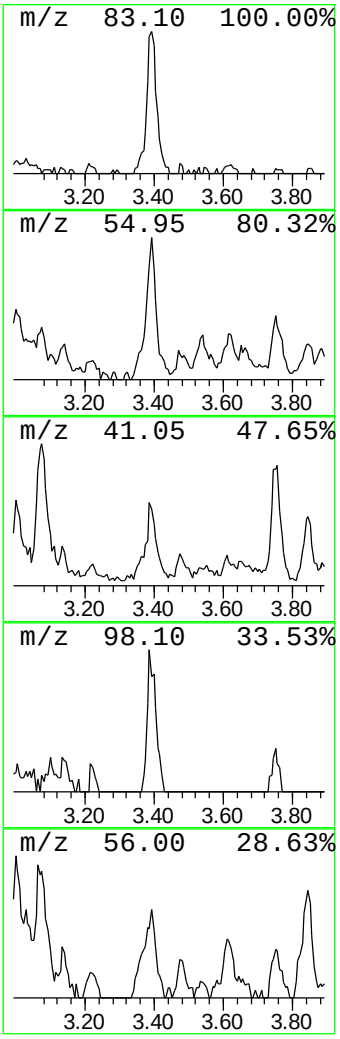
****

Peak Number 2 (DEL) Alkane: Cyclic3.39 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	2.82 ng/ul	116871	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	87
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	80
5	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
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Instrument : BNA_M
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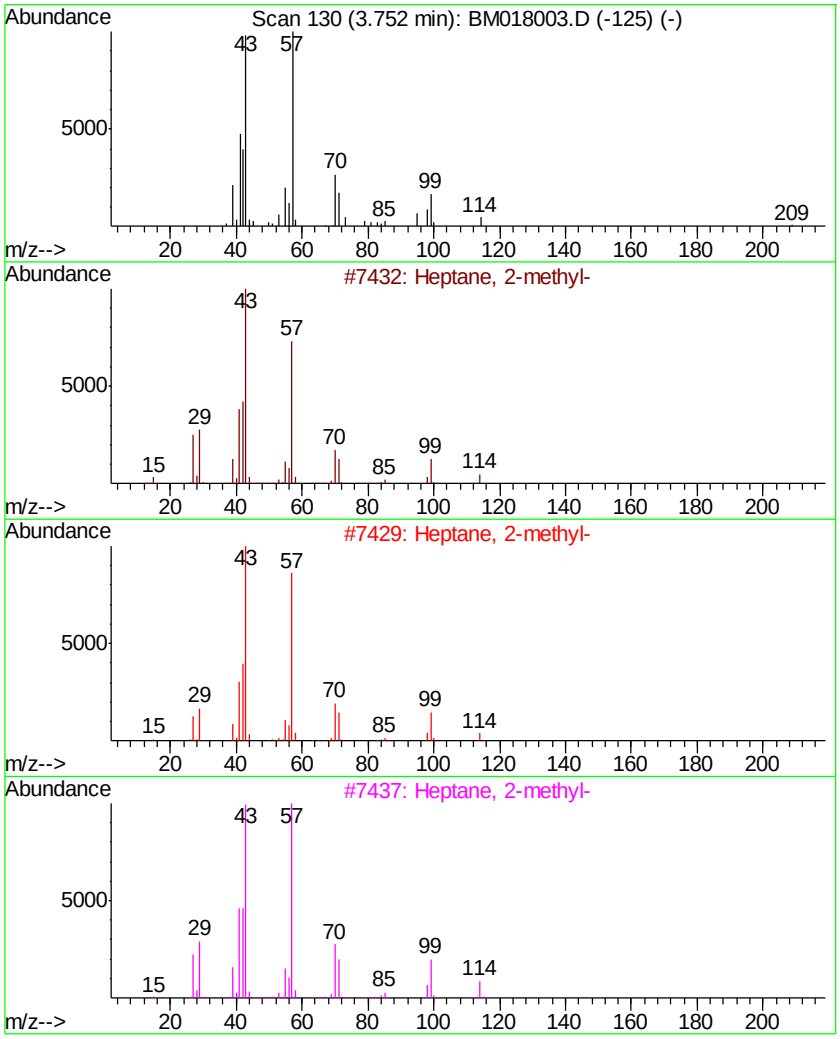
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

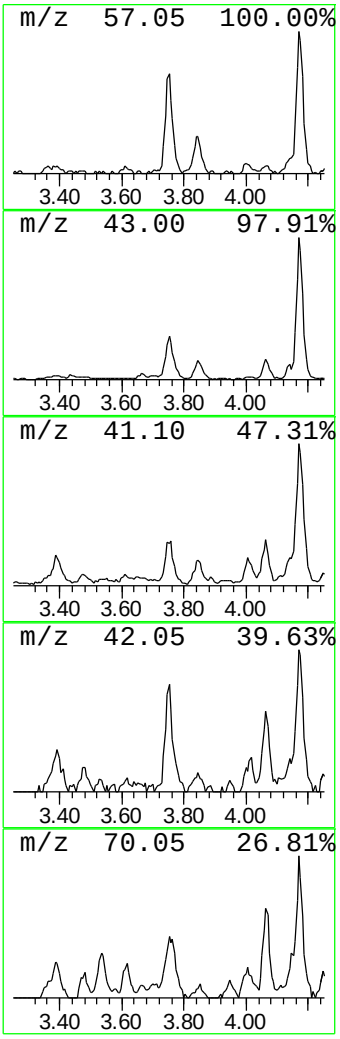
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	3.50 ng/ul	144809	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	81
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM018003.D
Acq On : 07 Dec 2018 17:11
Operator : JU/SJ
Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

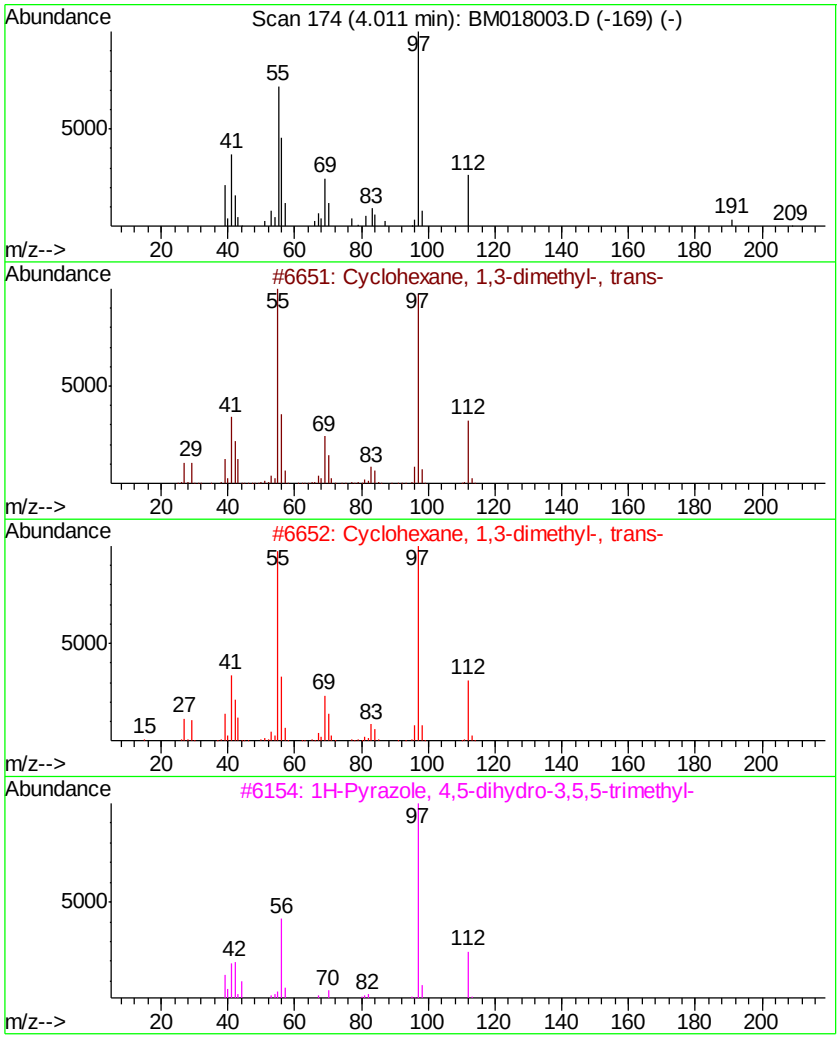
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

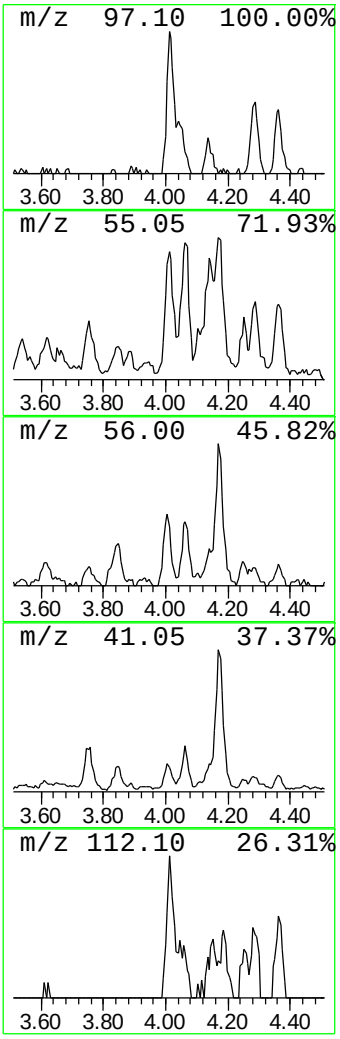
****

Peak Number 5 (DEL) Alkane: Cyclic4.01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	2.05 ng/ul	84890	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
3	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	72
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	72
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	68





Library Search Compound Report

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Data File : BM018003.D
Acq On : 07 Dec 2018 17:11
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Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

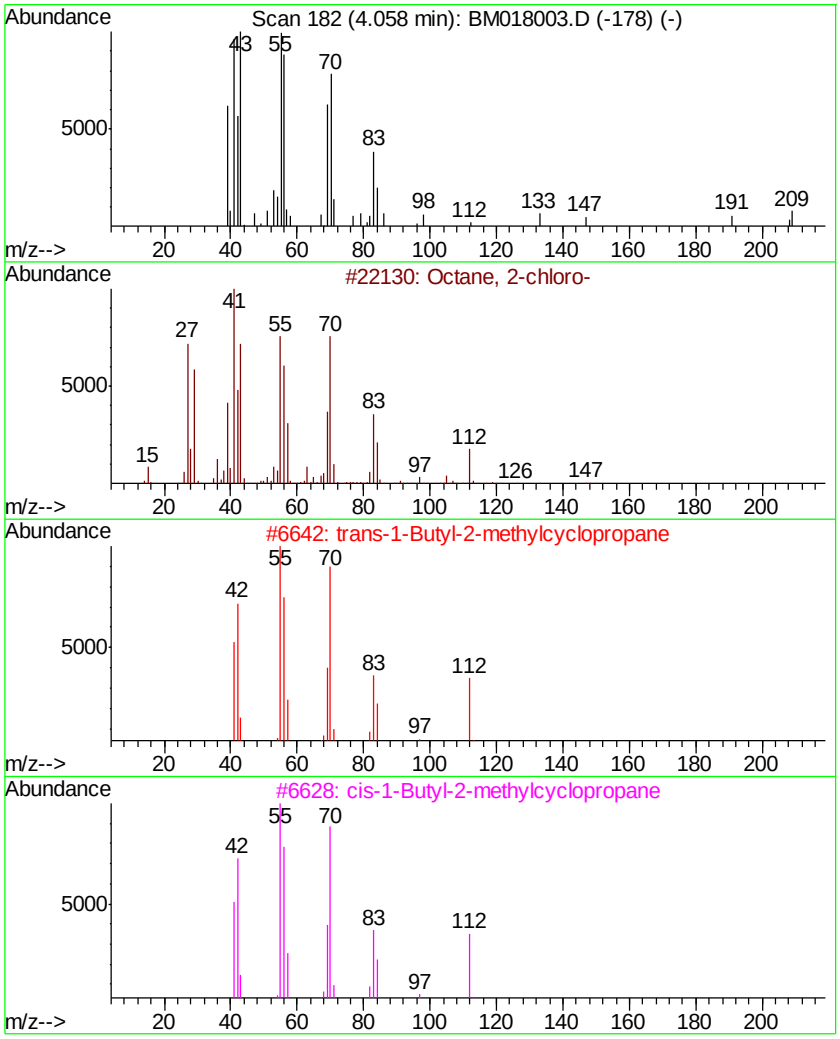
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

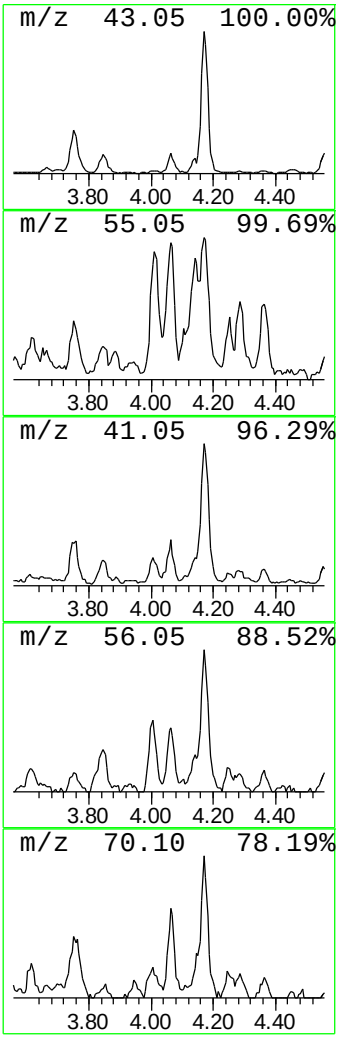
****

Peak Number 6 Octane, 2-chloro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	2.29 ng/ul	94610	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-chloro-	148	C8H17Cl	000628-61-5	90
2	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	83
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	83
4	1-Decene	140	C10H20	000872-05-9	53
5	1-Heptene	98	C7H14	000592-76-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM018003.D
Acq On : 07 Dec 2018 17:11
Operator : JU/SJ
Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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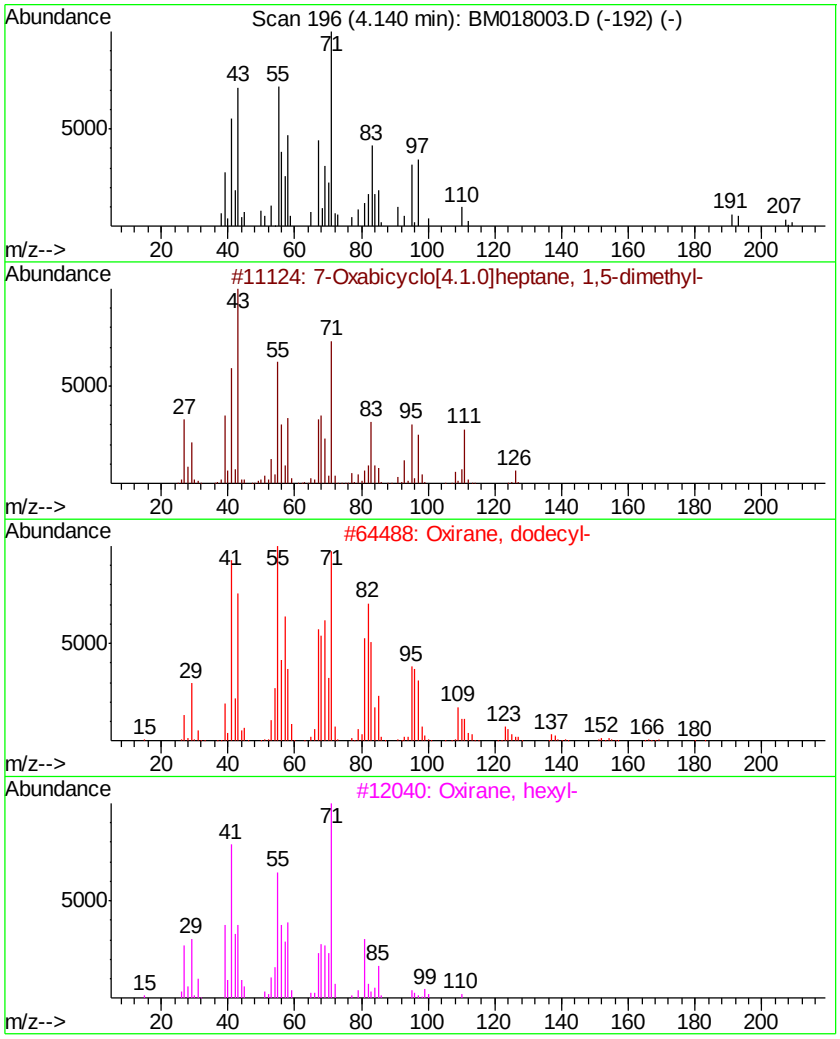
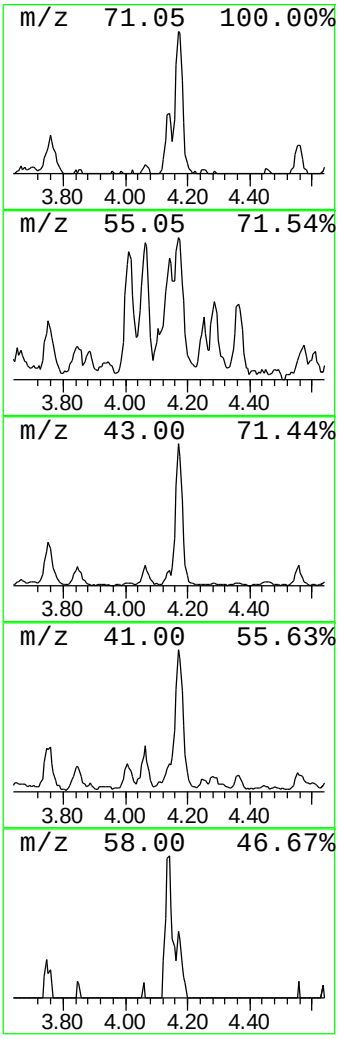
Peak Number 7 7-Oxabicyclo[4.1.0]heptane,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.14	2.42 ng/ul	100108	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	78
2	Oxirane, dodecyl-	212	C14H28O	003234-28-4	72
3	Oxirane, hexyl-	128	C8H16O	002984-50-1	50
4	Oxirane, pentyl-	114	C7H14O	005063-65-0	43
5	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	38





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

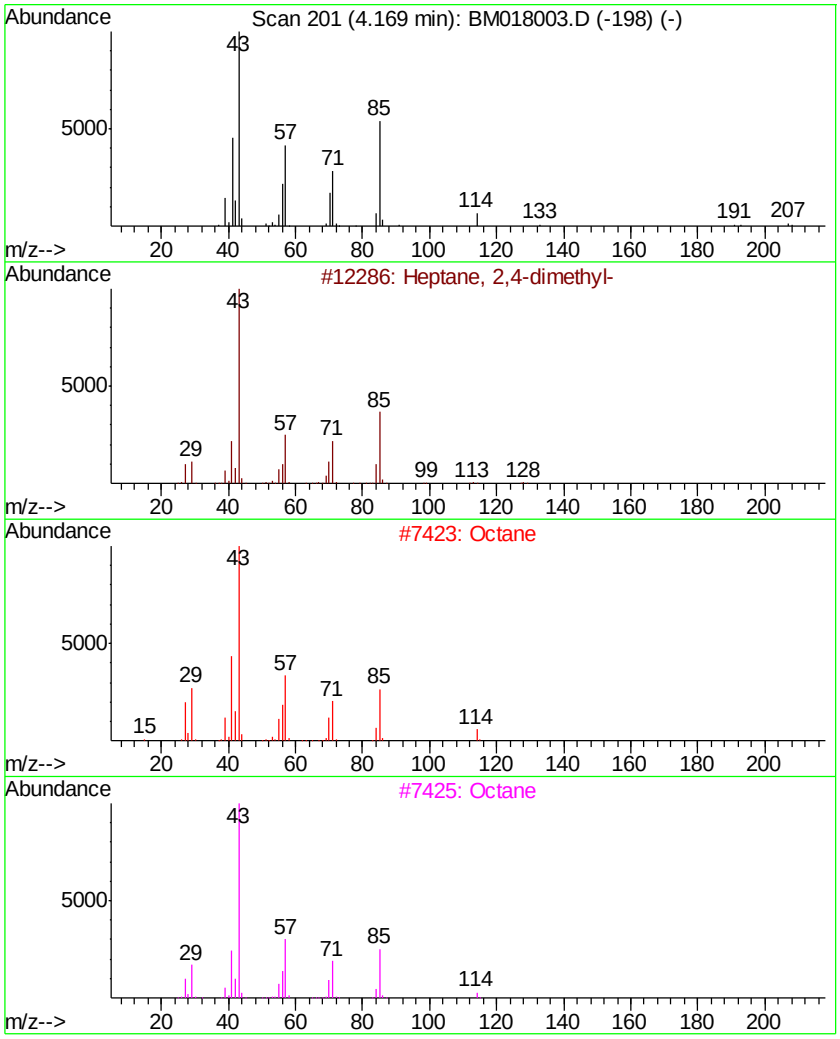
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

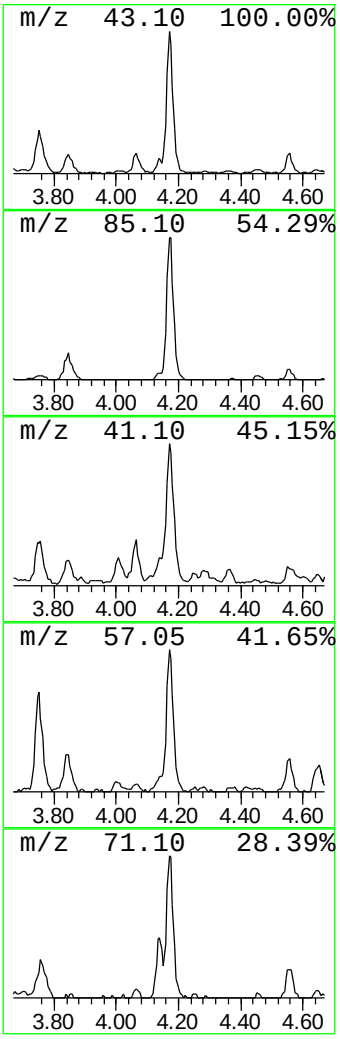
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	8.34 ng/ul	345049	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2	Octane	114	C8H18	000111-65-9	64
3	Octane	114	C8H18	000111-65-9	62
4	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	59
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50





Library Search Compound Report

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Data File : BM018003.D
Acq On : 07 Dec 2018 17:11
Operator : JU/SJ
Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

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Quant Title : SVOA CALIBRATION

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

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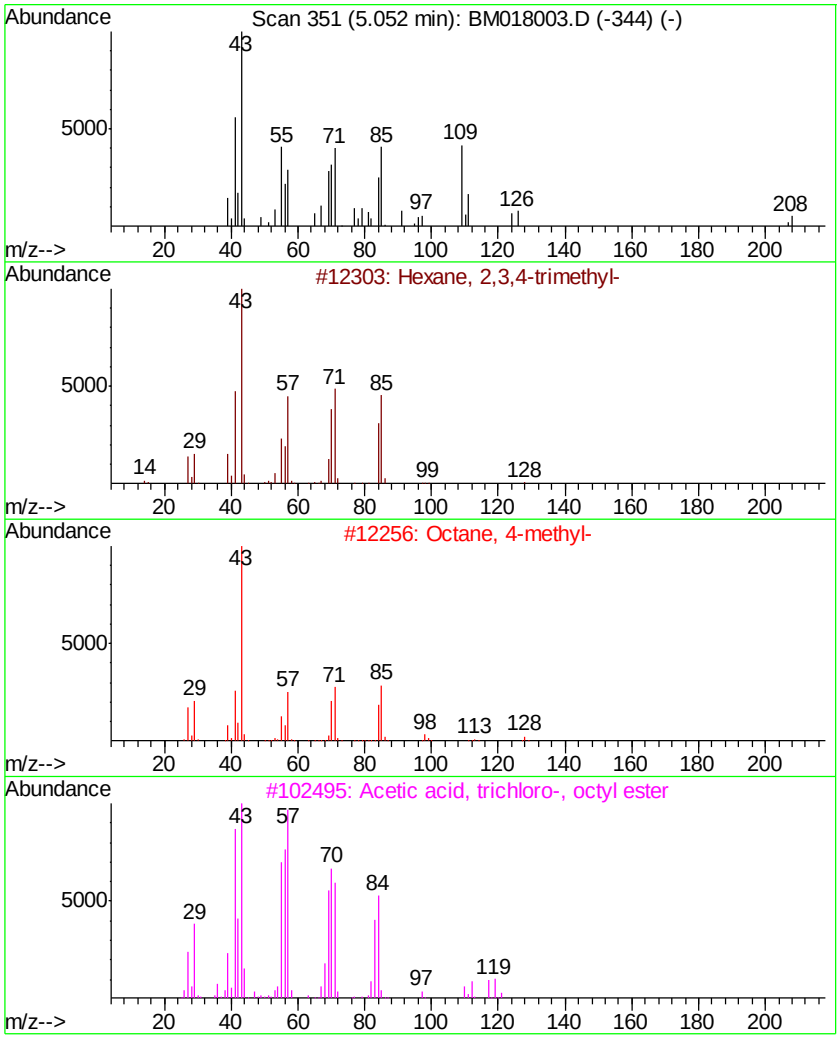
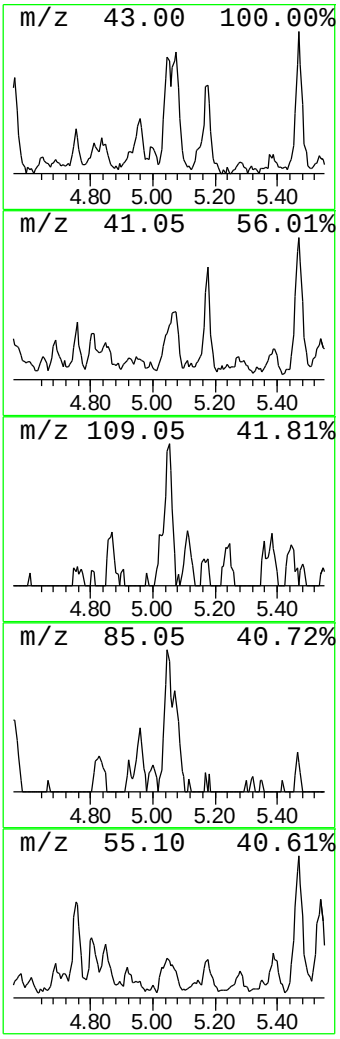
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.07 ng/ul	85872	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43
2	Octane, 4-methyl-	128	C9H20	002216-34-4	43
3	Acetic acid, trichloro-, octyl e...	274	C10H17Cl3O2	016958-78-4	32
4	Octane	114	C8H18	000111-65-9	27
5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	27





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Acq On : 07 Dec 2018 17:11
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Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

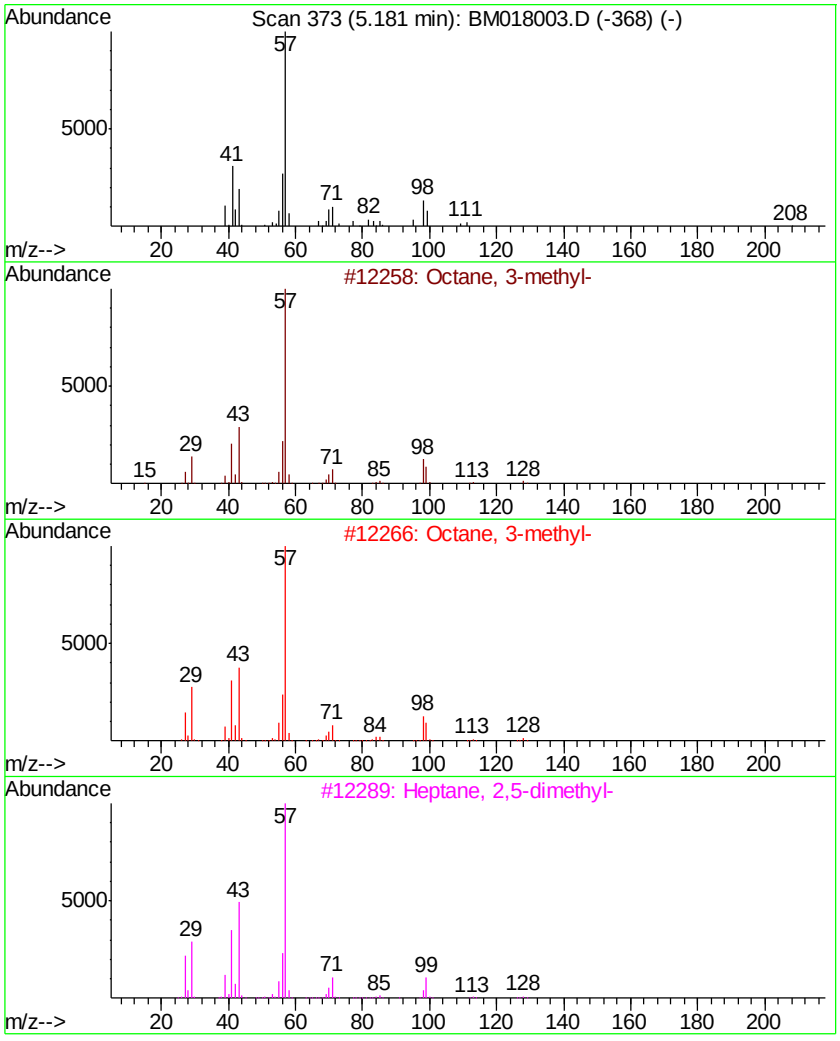
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

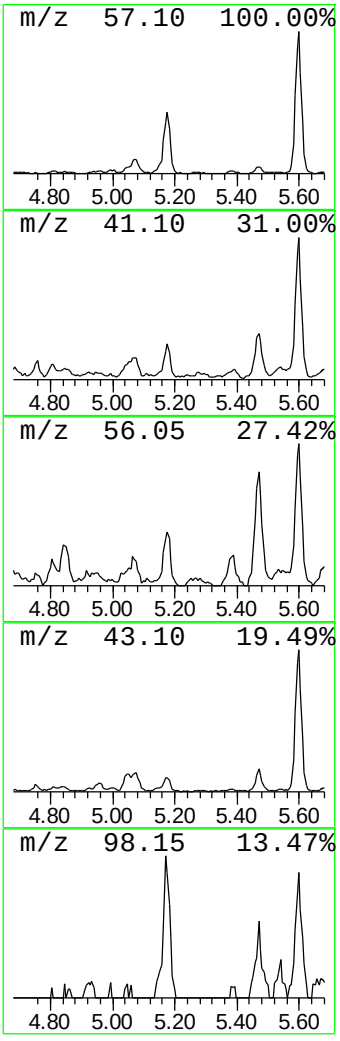
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.58 ng/ul	106588	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	72
2	Octane, 3-methyl-	128	C9H20	002216-33-3	72
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59





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Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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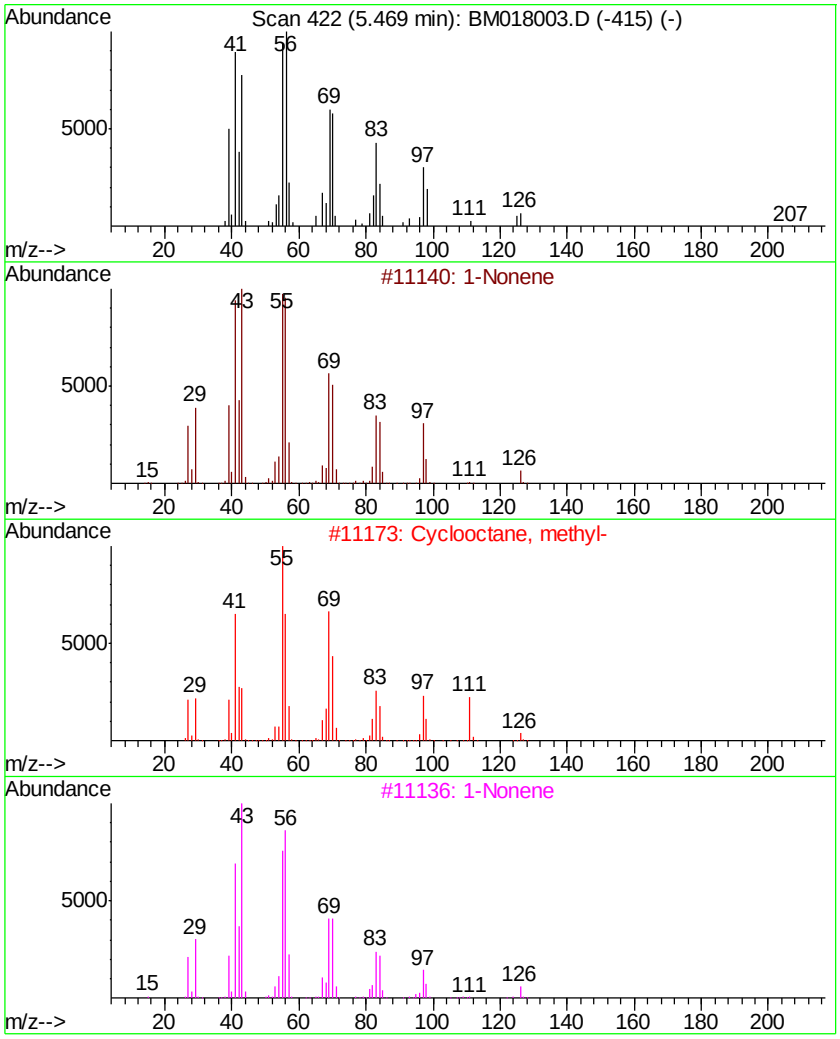
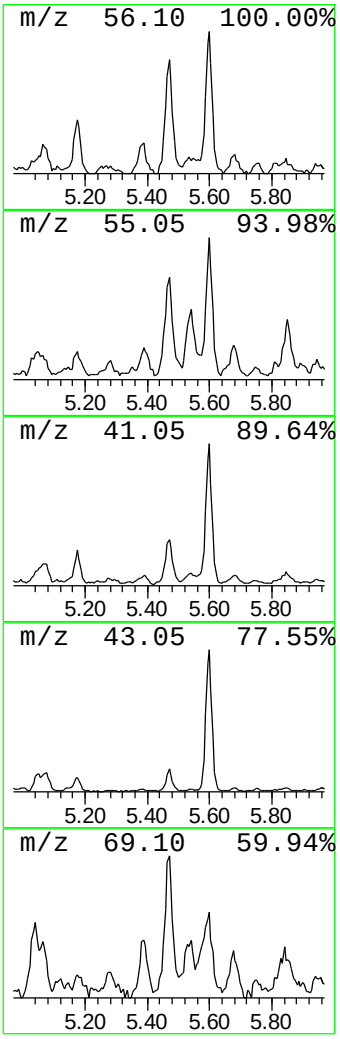
Peak Number 12 (DEL) Alkane: Cyclic5.47 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	5.13 ng/ul	212371	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonene	126	C9H18	000124-11-8	93
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	81
3	1-Nonene	126	C9H18	000124-11-8	76
4	Isopropylcyclobutane	98	C7H14	000872-56-0	64
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	58





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Sample : J6077-05
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Instrument : BNA_M
ClientSampleId : F9Y38

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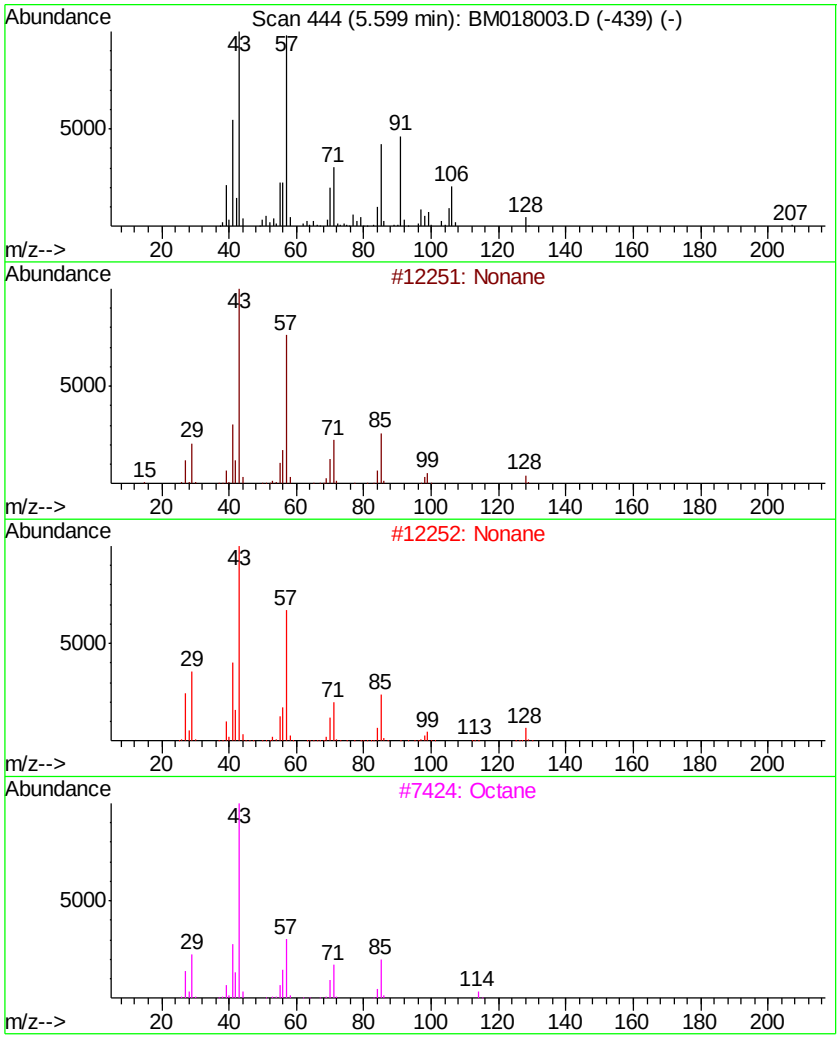
Quant Title : SVOA CALIBRATION

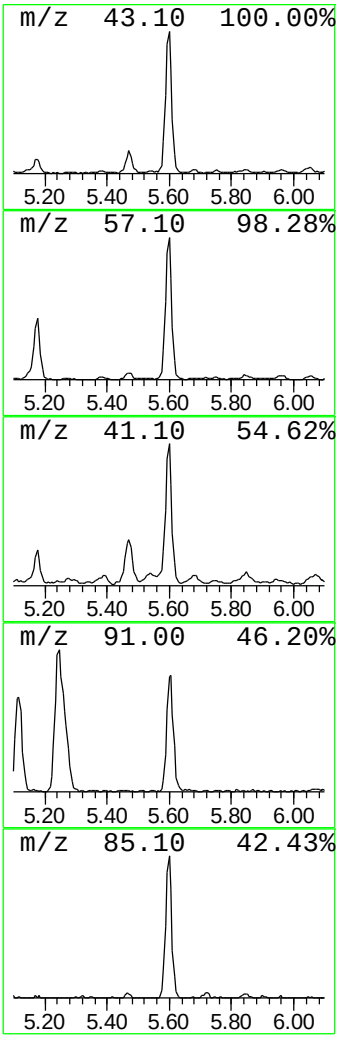
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	15.89 ng/ul	657547	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	93
2	Nonane	128	C9H20	000111-84-2	90
3	Octane	114	C8H18	000111-65-9	53
4	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	49
5	Decane	142	C10H22	000124-18-5	47





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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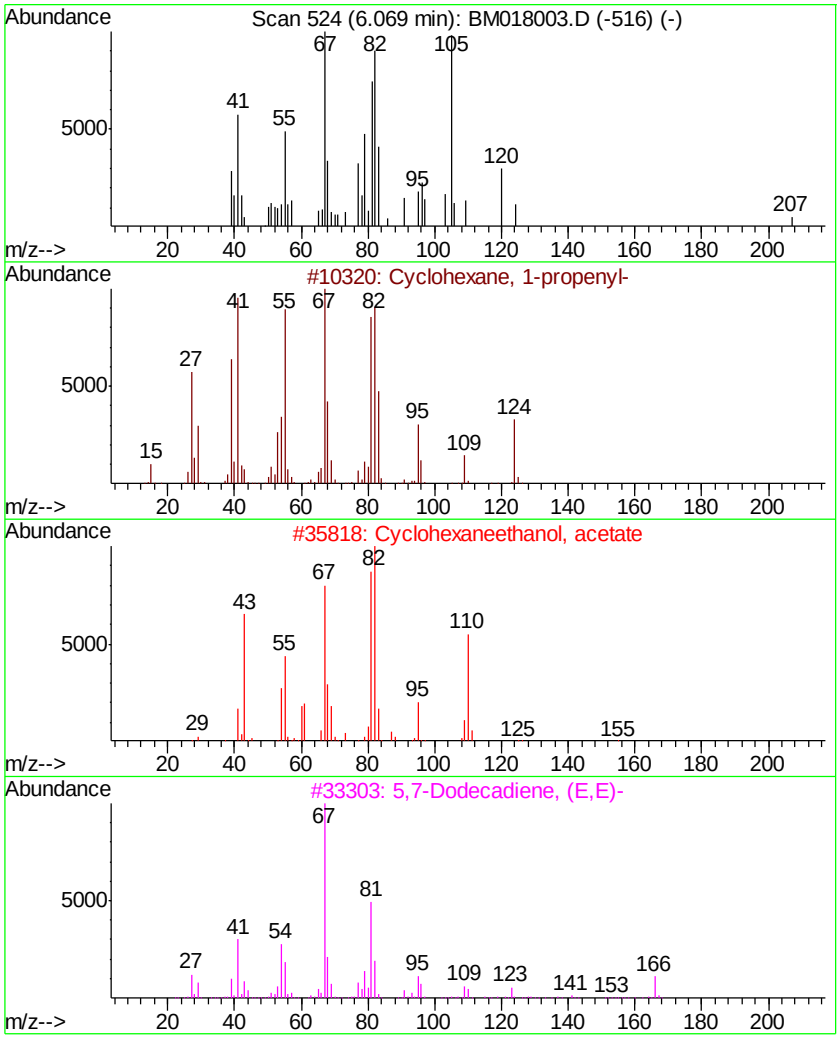
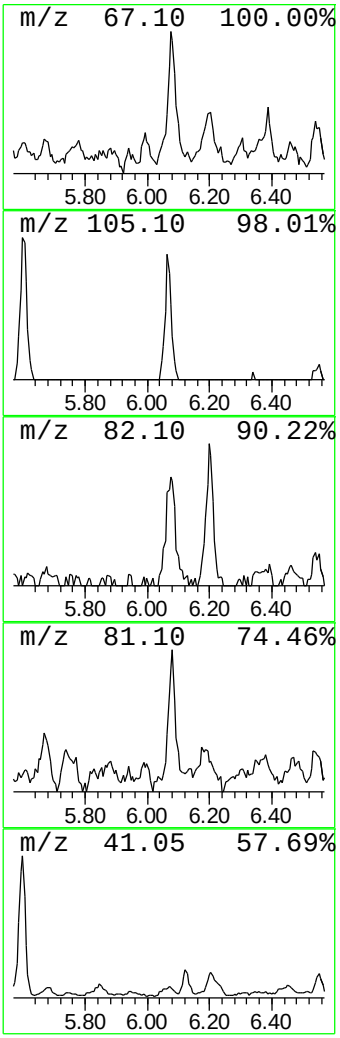
Peak Number 14 Cyclohexane, 1-propenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	2.86 ng/ul	118567	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	64
2	Cyclohexaneethanol, acetate	170	C10H18O2	021722-83-8	50
3	5,7-Dodecadiene, (E,E)-	166	C12H22	030651-68-4	38
4	Cyclohexaneethanol, .beta.-methyl-	142	C9H18O	005442-00-2	35
5	1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	30





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
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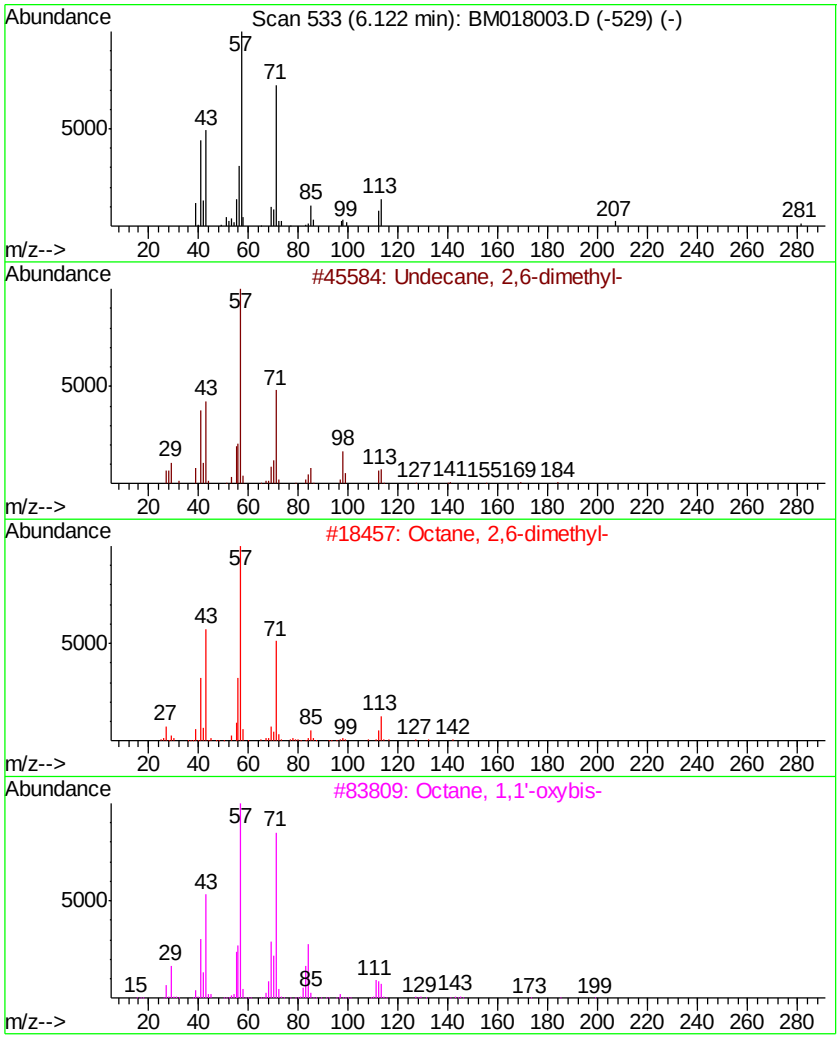
Quant Title : SVOA CALIBRATION

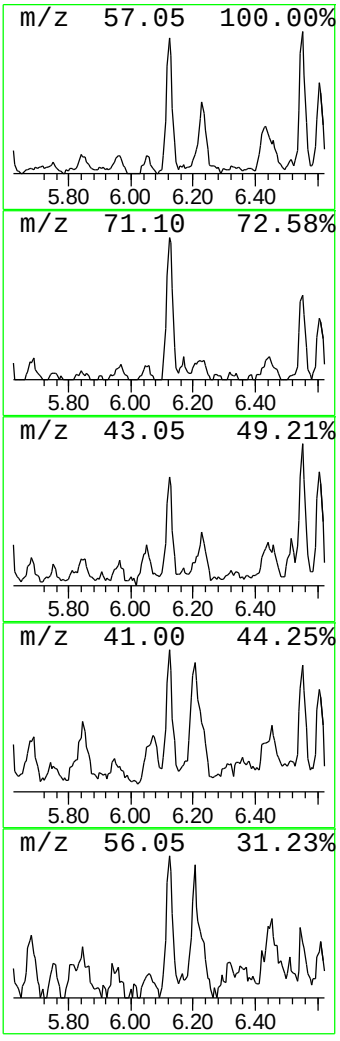
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	2.43 ng/ul	100759	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	56
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	56





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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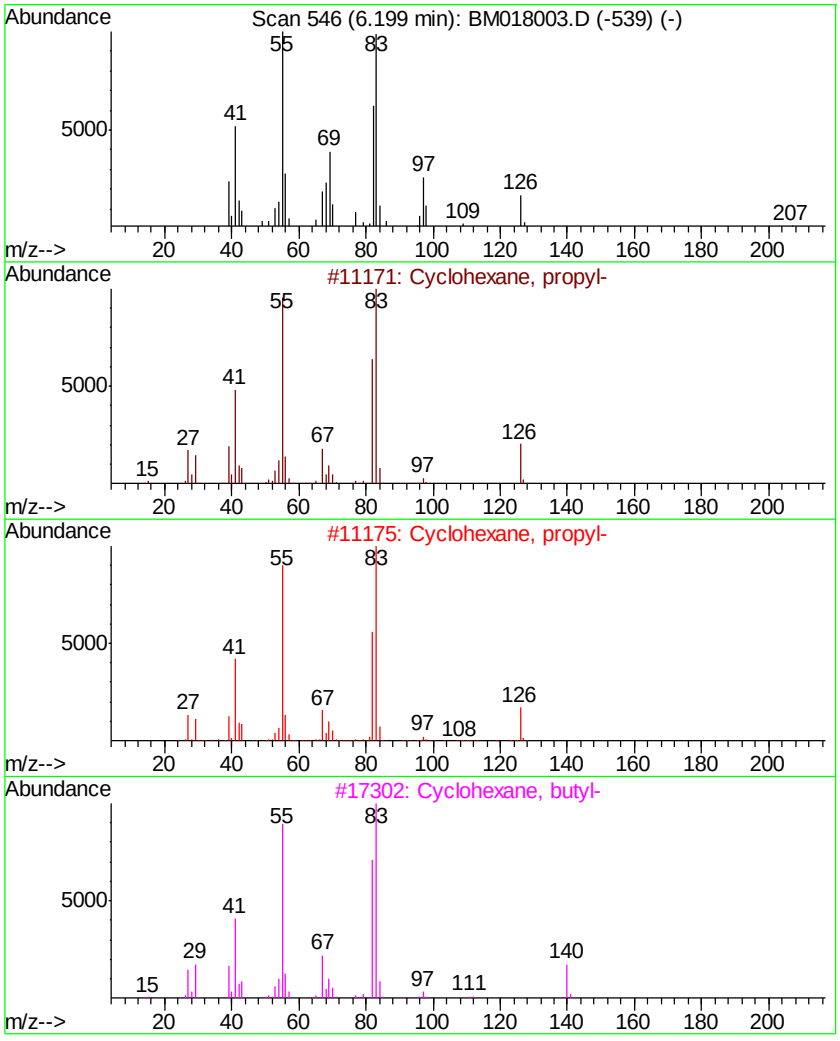
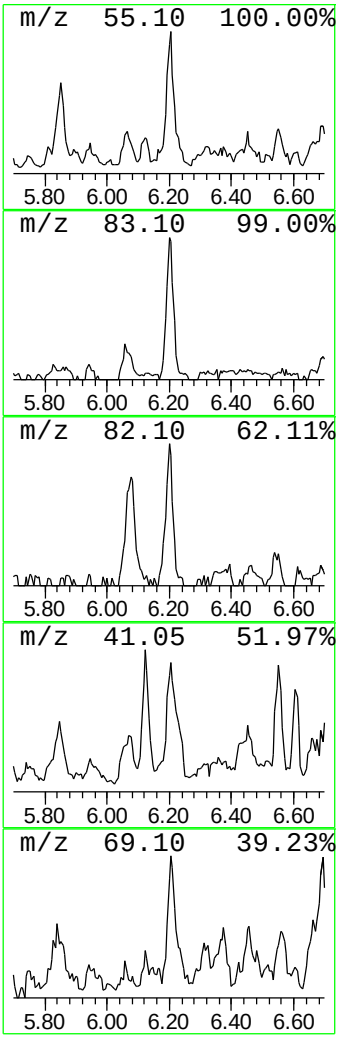
Peak Number 16 (DEL) Alkane: Cyclic6.20 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	4.93 ng/ul	204080	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	62
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5	n-Amylcyclohexane	154	C11H22	029949-27-7	50





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	3.10 ng/ul	128363	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	50
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	47
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	46
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
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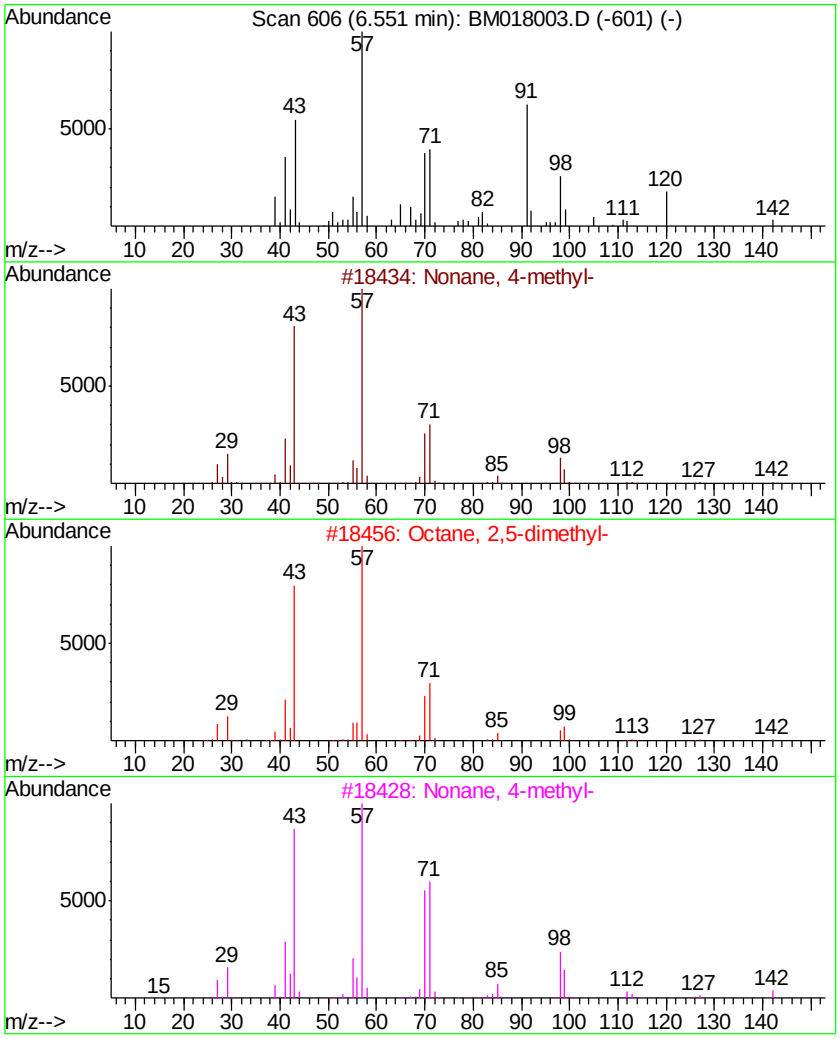

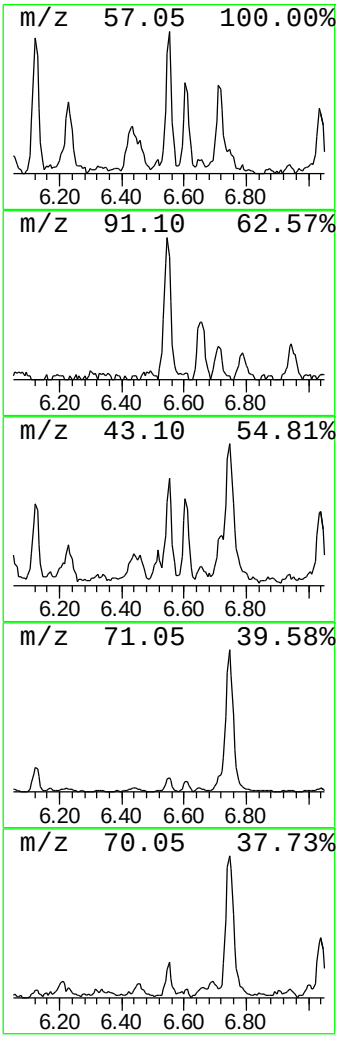

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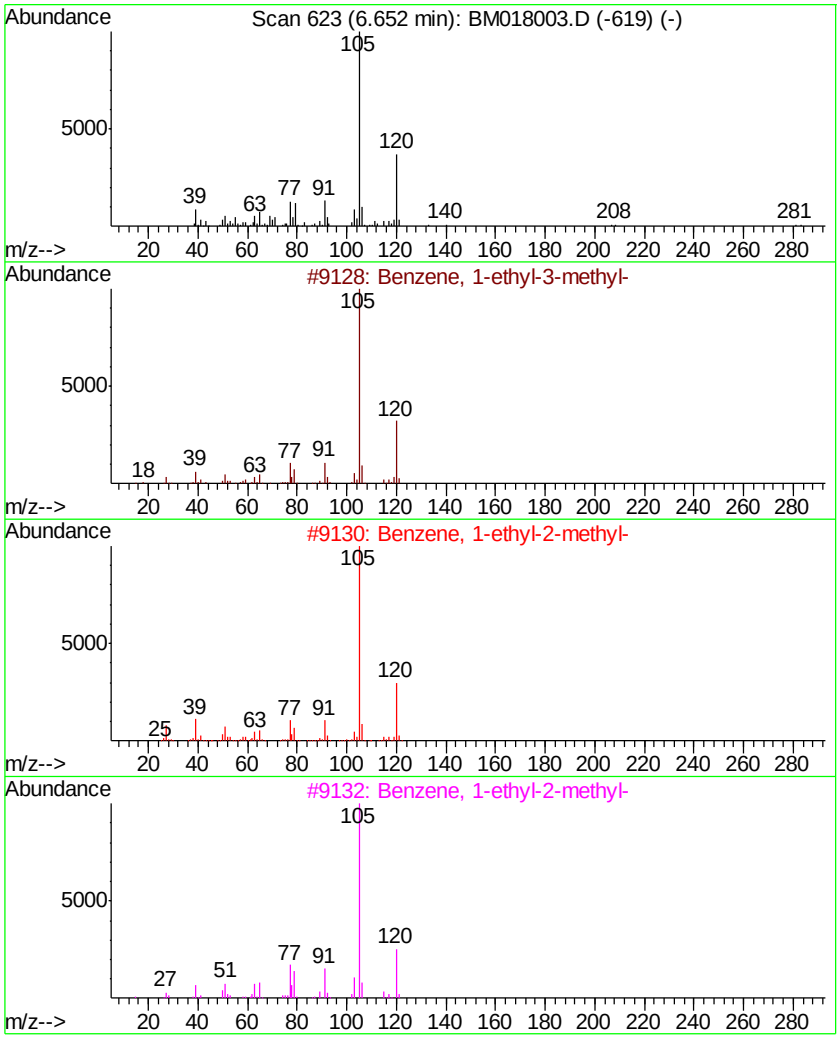
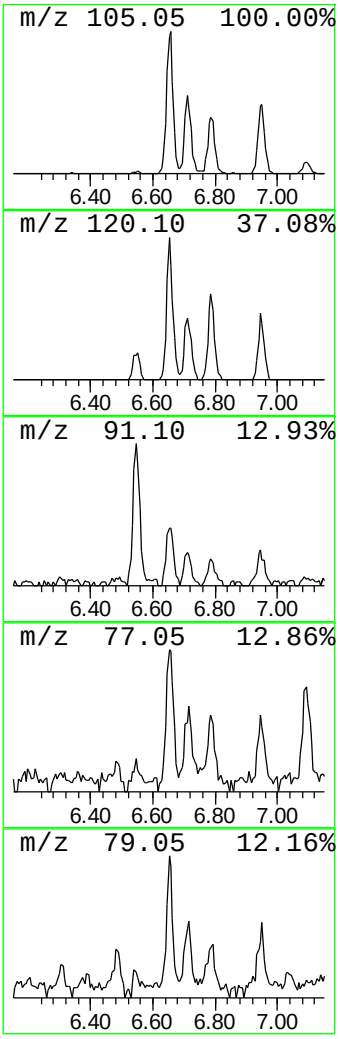
Peak Number 18 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	4.94 ng/ul	204473	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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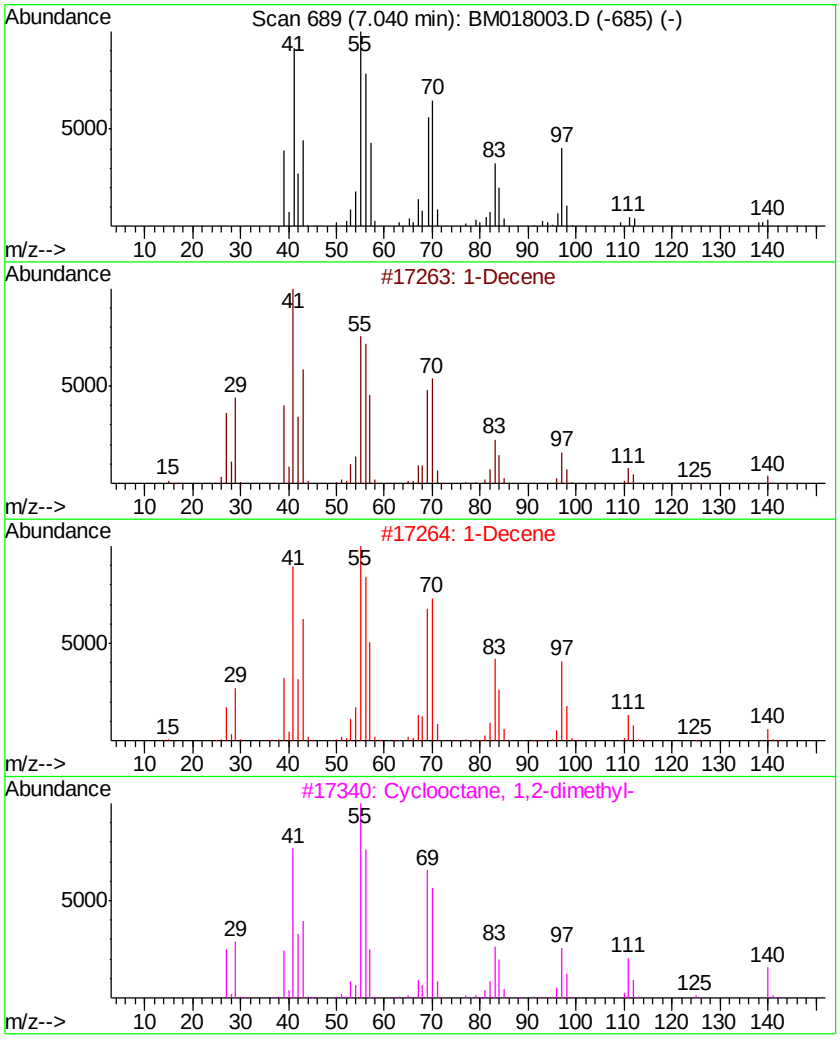
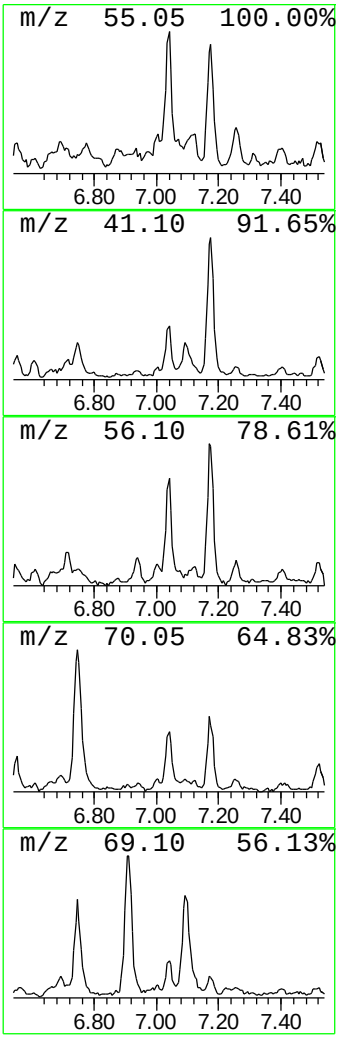
Peak Number 19 (DEL) Alkane: Cyclic7.04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	3.39 ng/ul	140306	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	90
2	1-Decene	140	C10H20	000872-05-9	60
3	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	59
4	cis-3-Decene	140	C10H20	019398-86-8	58
5	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	58





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Acq On : 07 Dec 2018 17:11
Operator : JU/SJ
Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

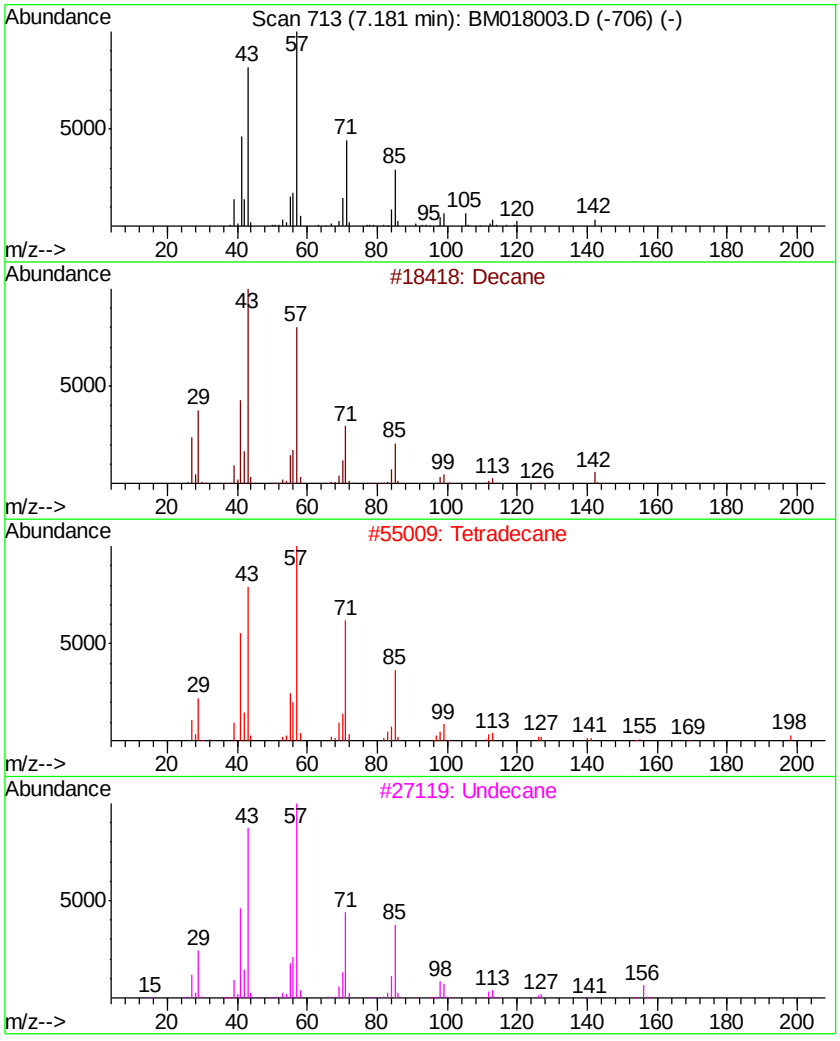
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

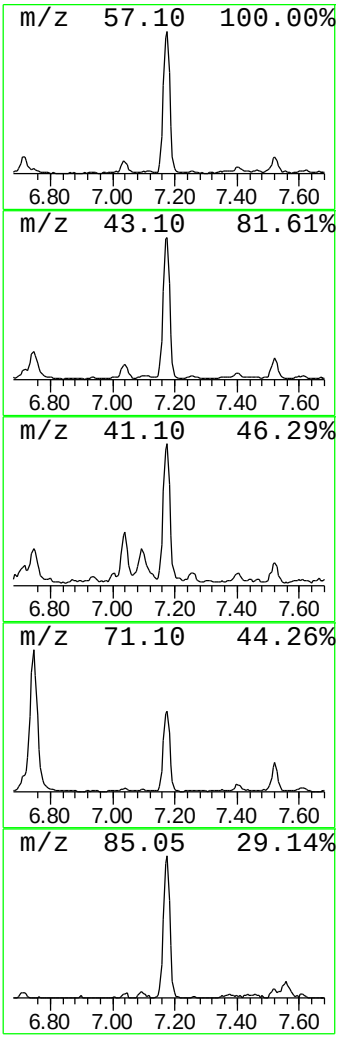
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	14.18 ng/ul	586730	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Undecane	156	C11H24	001120-21-4	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Decane	142	C10H22	000124-18-5	87





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Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

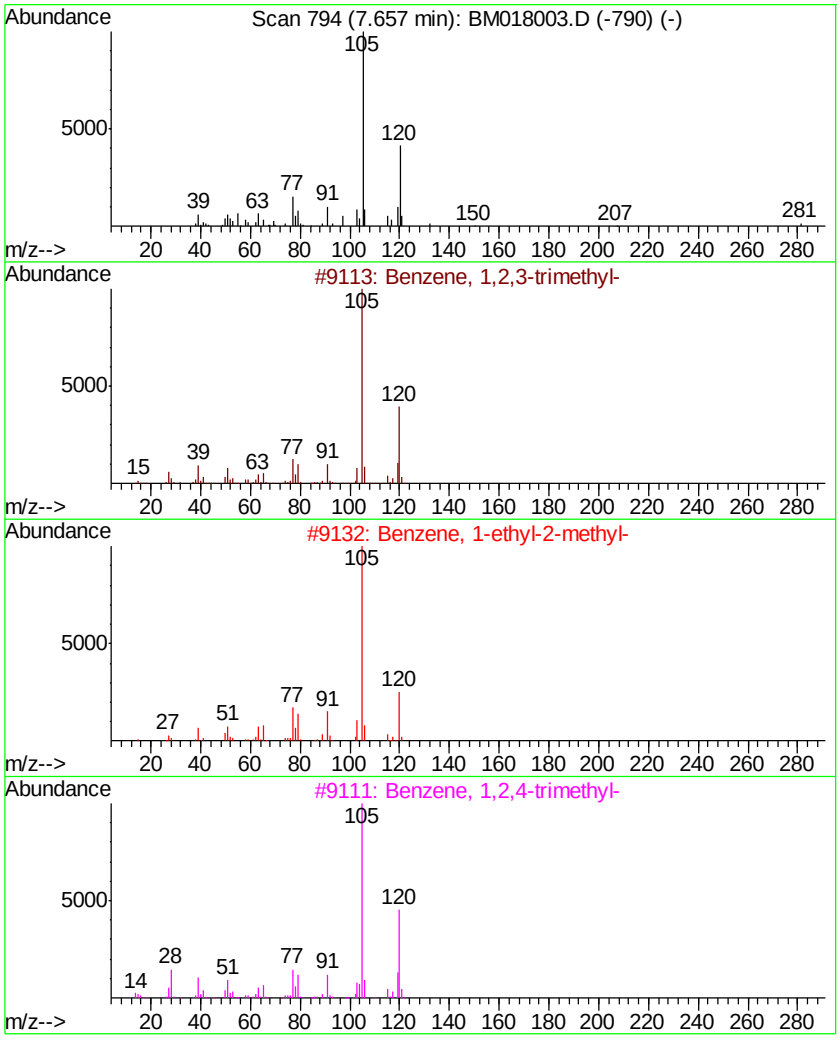
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

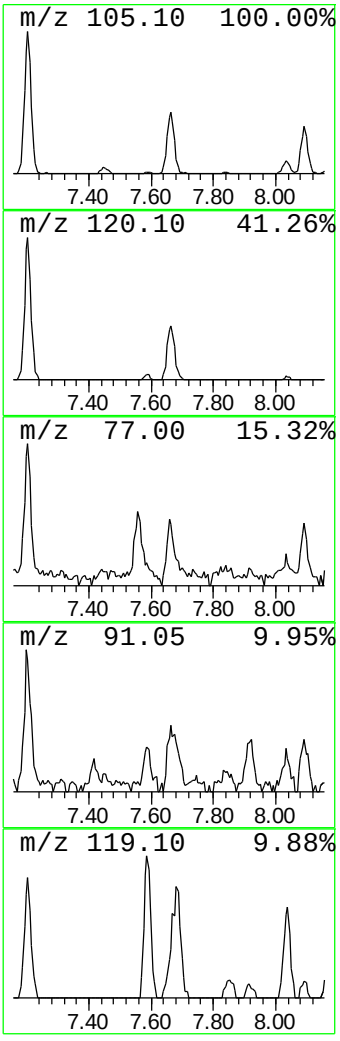
****

Peak Number 21 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	3.61 ng/ul	149485	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Operator : JU/SJ
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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

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Quant Title : SVOA CALIBRATION

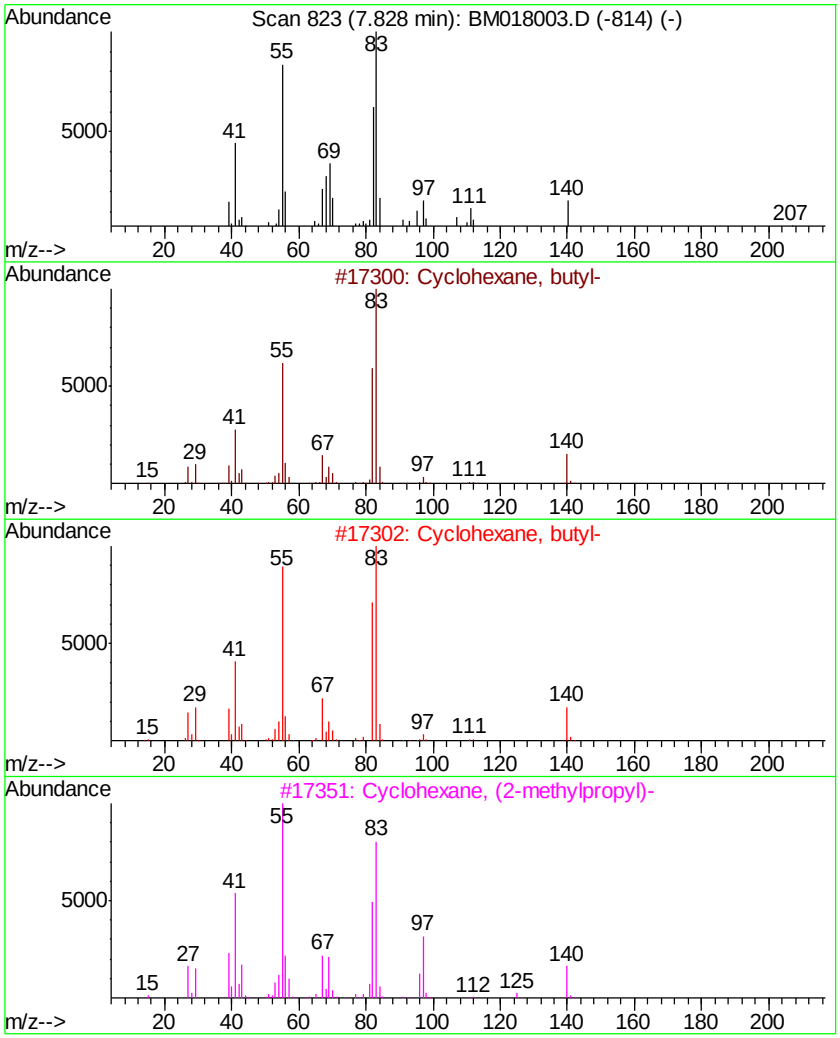
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

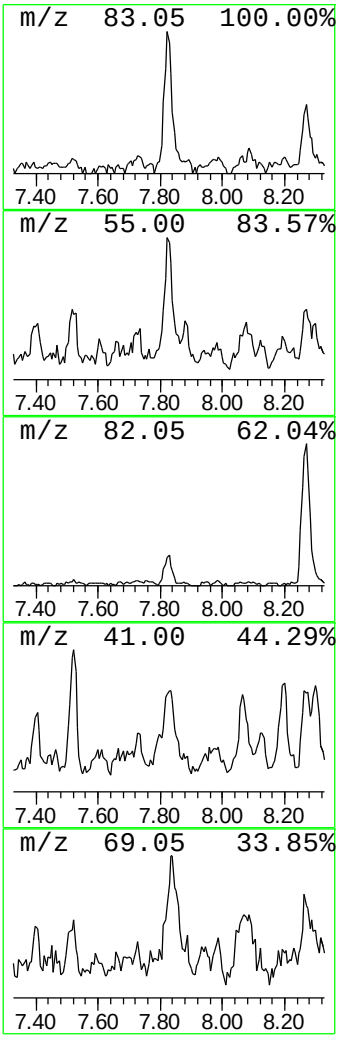
****

Peak Number 22 (DEL) Alkane: Cyclic7.83 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	3.14 ng/ul	129818	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	68
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	59





Library Search Compound Report

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Operator : JU/SJ
Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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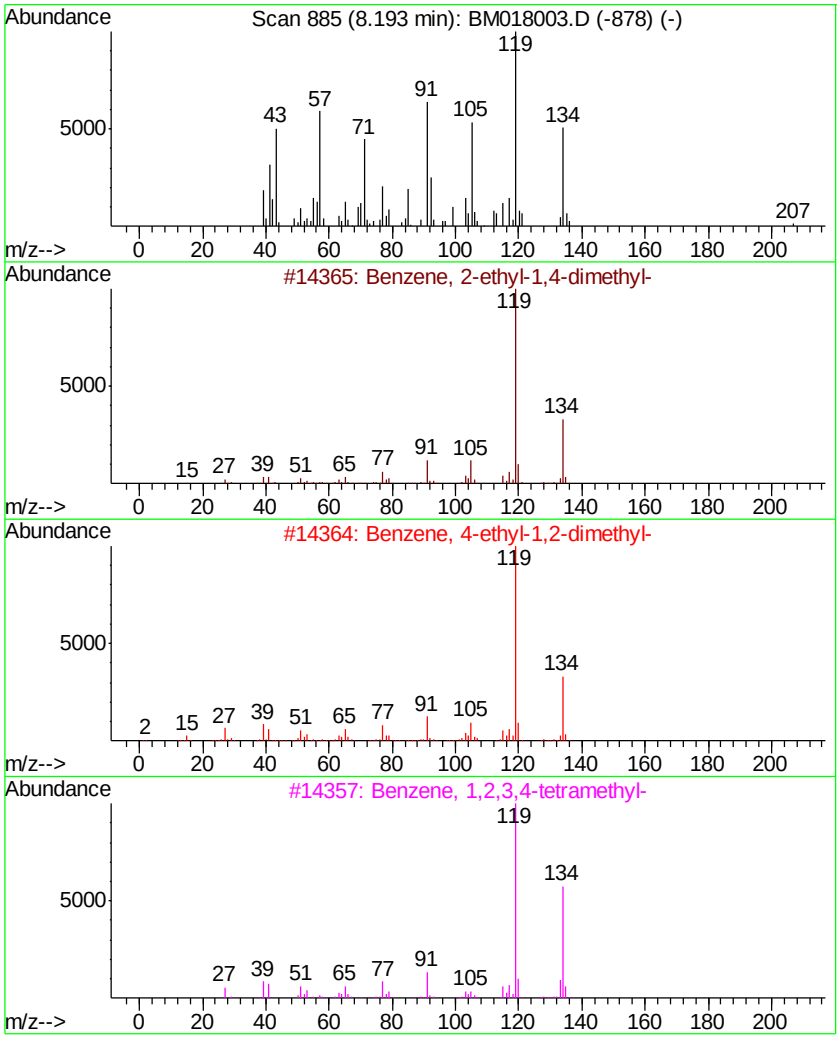
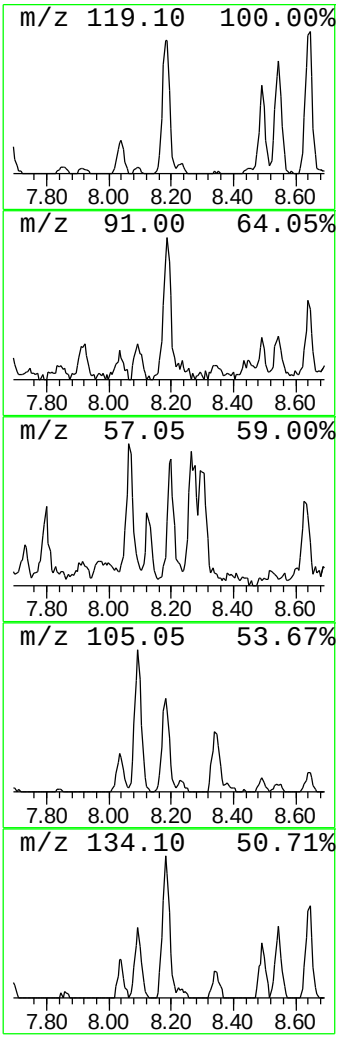
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.46 ng/ul	225916	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

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Quant Title : SVOA CALIBRATION

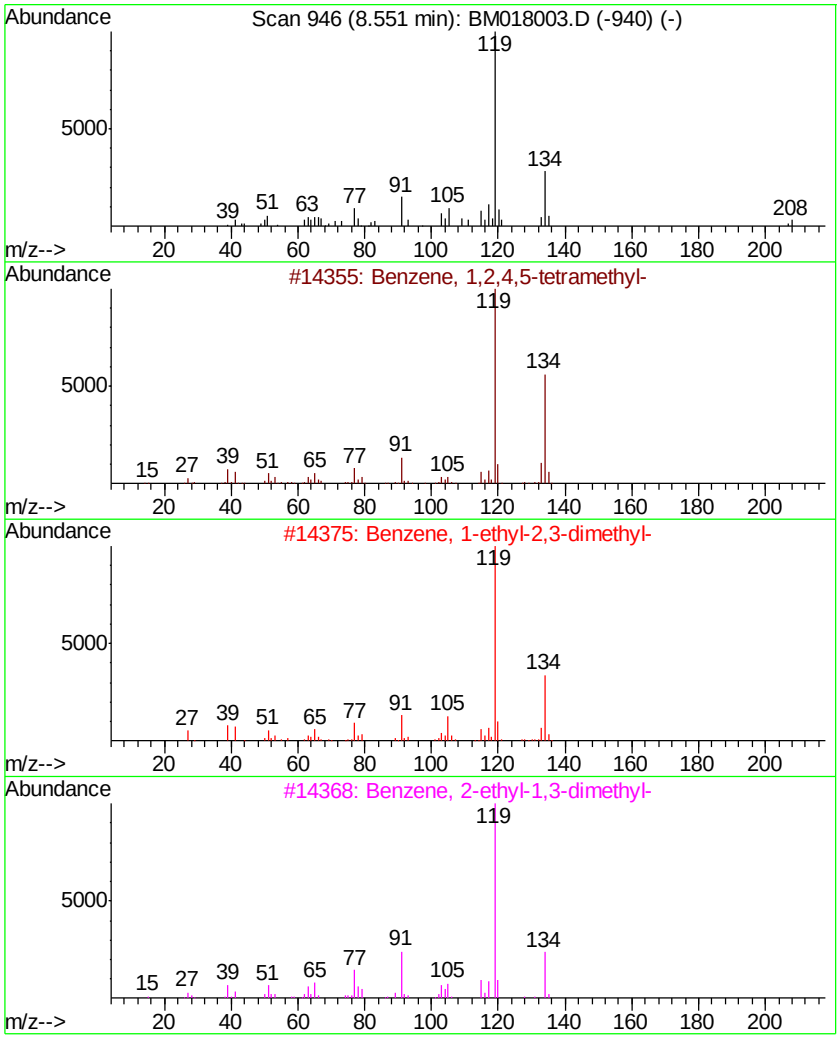
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

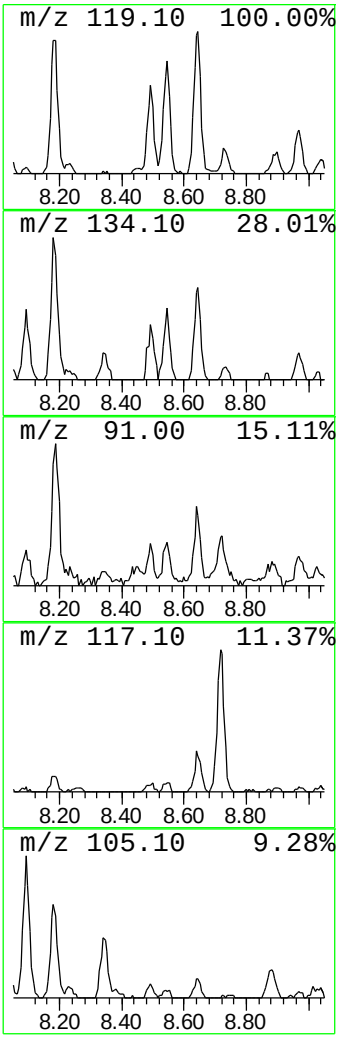
****

Peak Number 24 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	2.29 ng/ul	94898	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

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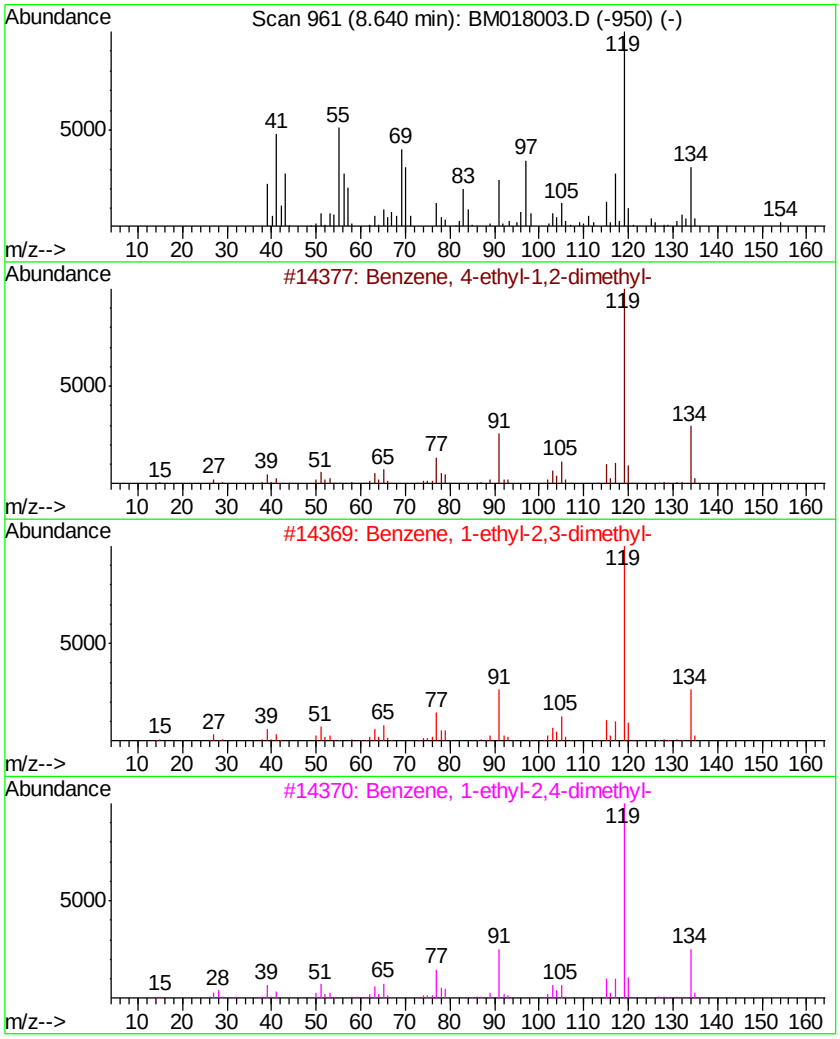
Quant Title : SVOA CALIBRATION

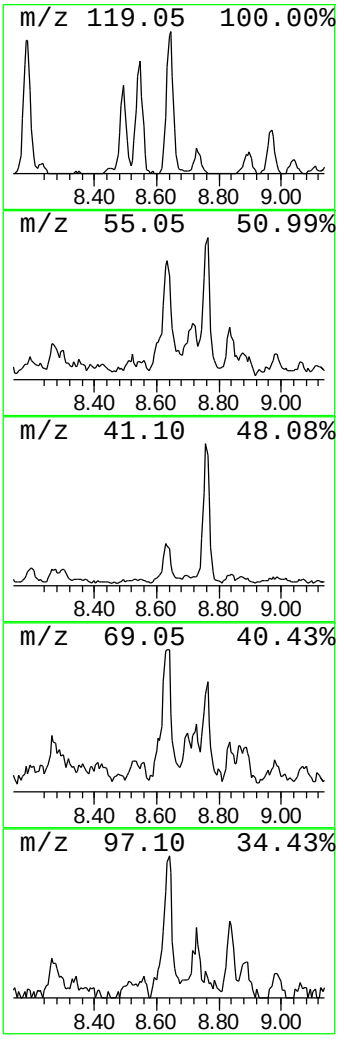
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	8.85 ng/ul	366202	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	86
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70





Library Search Compound Report

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Sample : J6077-05
Misc :
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Instrument : BNA_M
ClientSampleId : F9Y38

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Quant Title : SVOA CALIBRATION

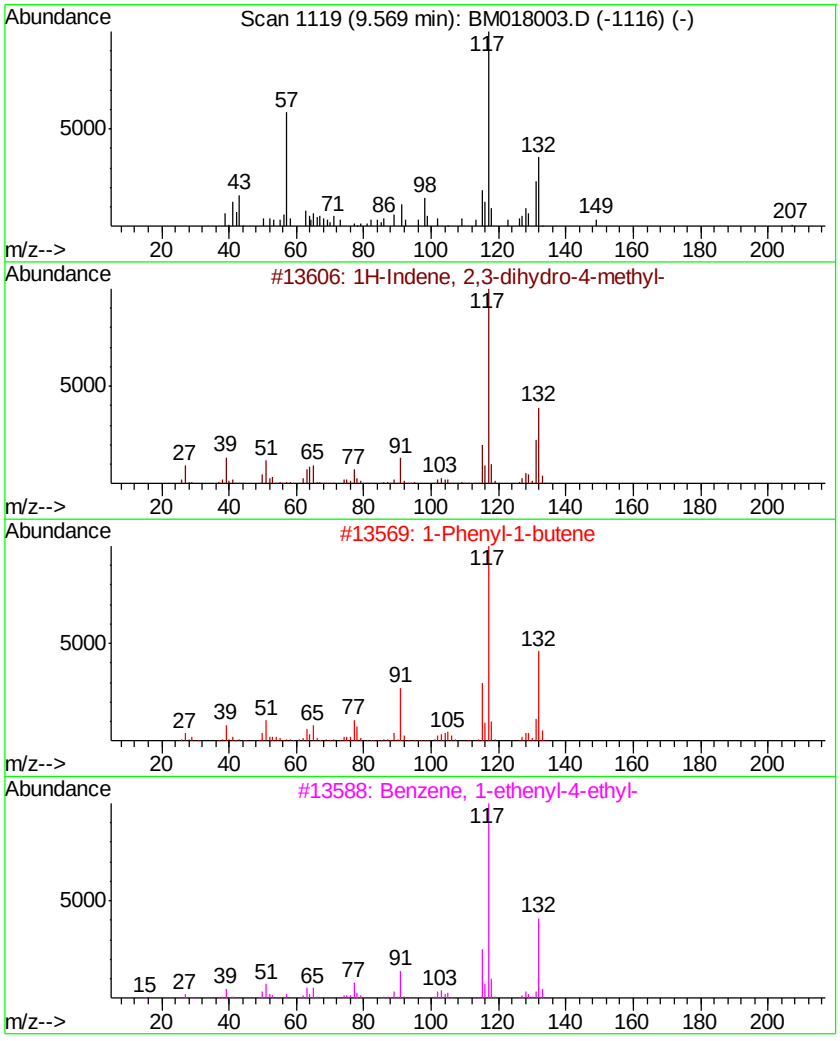
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

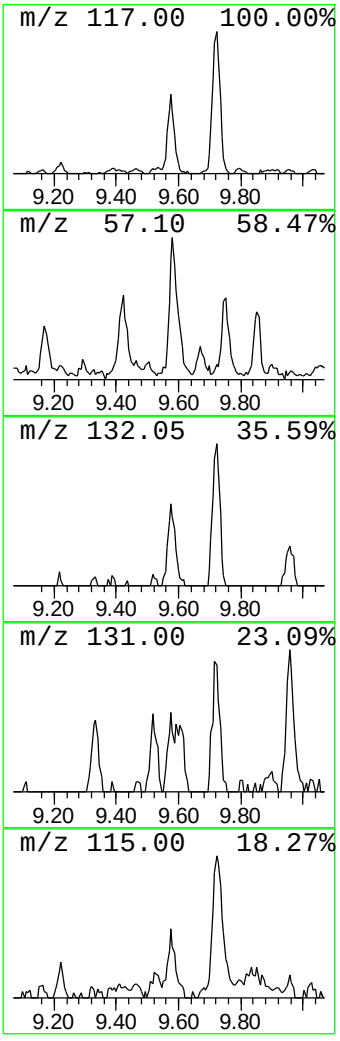
****

Peak Number 26 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	2.28 ng/ul	172623	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	62
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	62
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	59
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	58





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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

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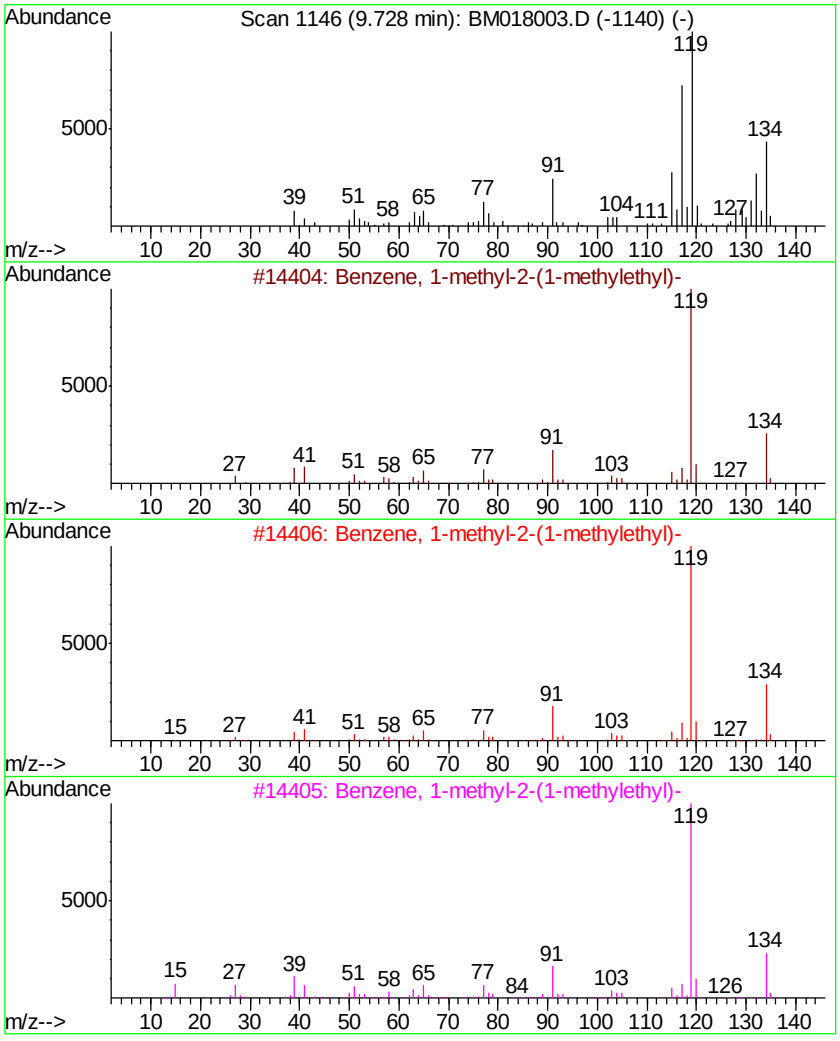
Quant Title : SVOA CALIBRATION

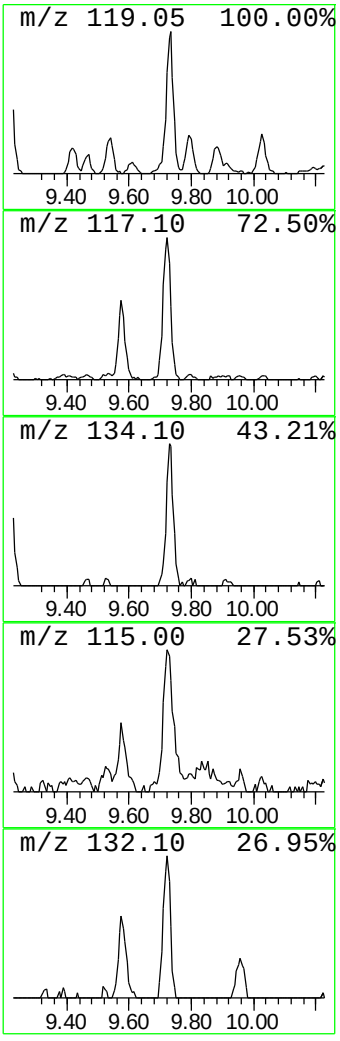
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-methyl-2-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	3.63 ng/ul	274756	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53





Library Search Compound Report

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Sample : J6077-05
Misc :
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Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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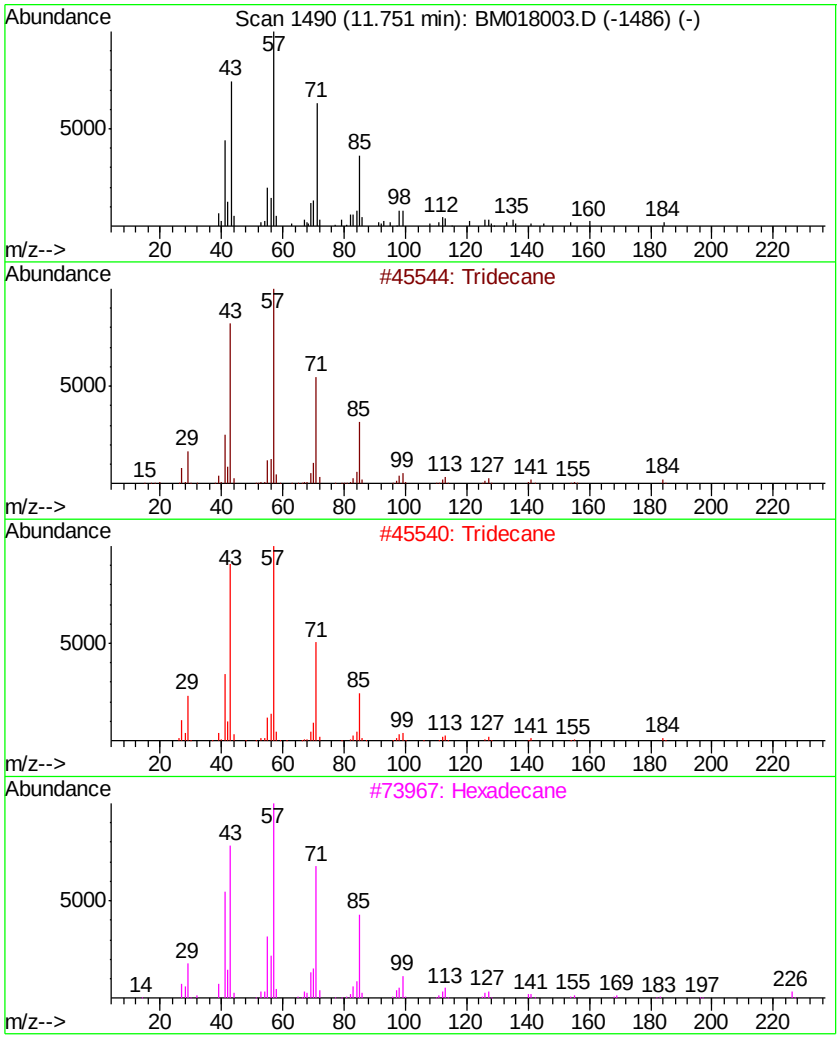
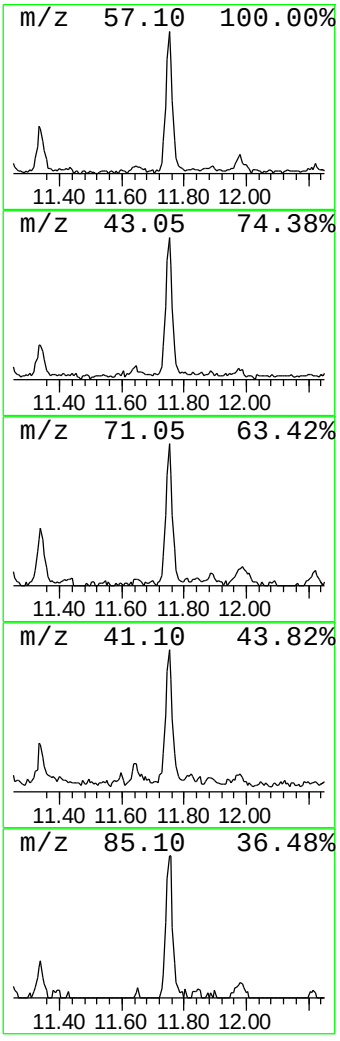
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.21 ng/ul	167217	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Dodecane	170	C12H26	000112-40-3	86





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Quant Title : SVOA CALIBRATION

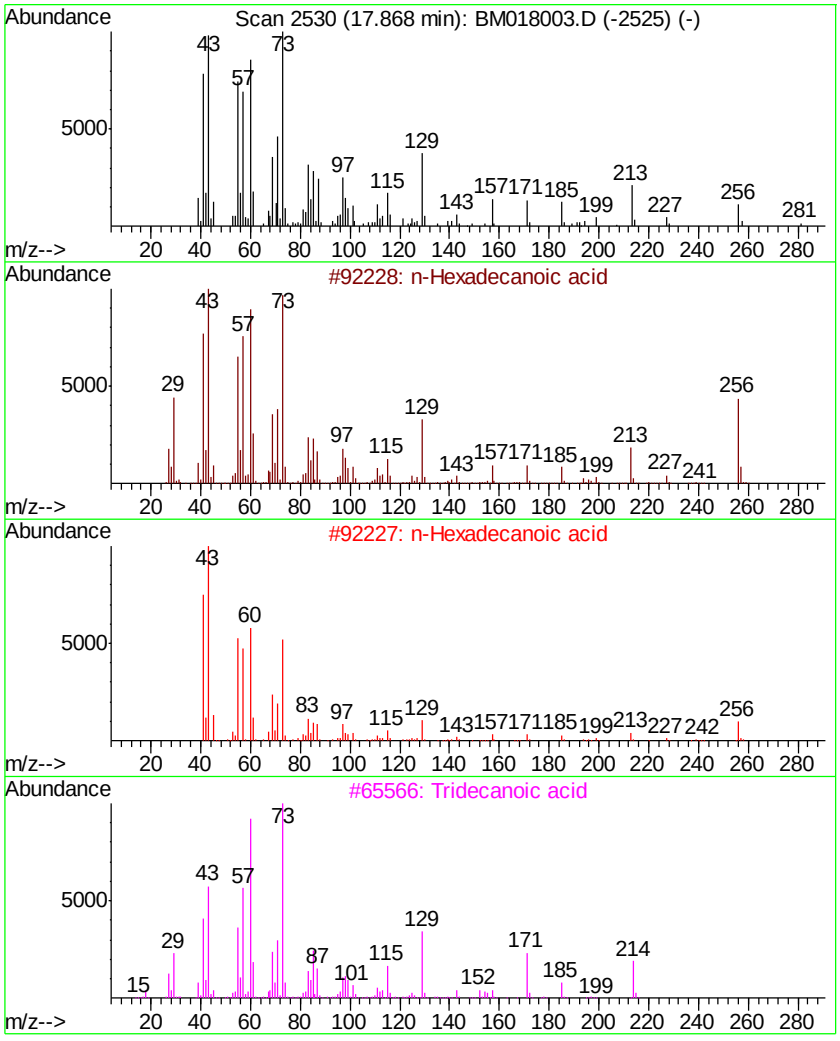
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

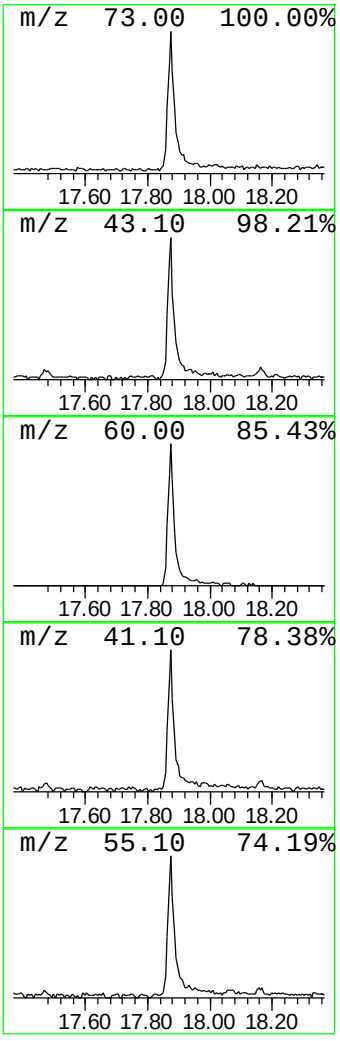
****

Peak Number 29 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	6.84 ng/ul	484345	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Quant Title : SVOA CALIBRATION

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

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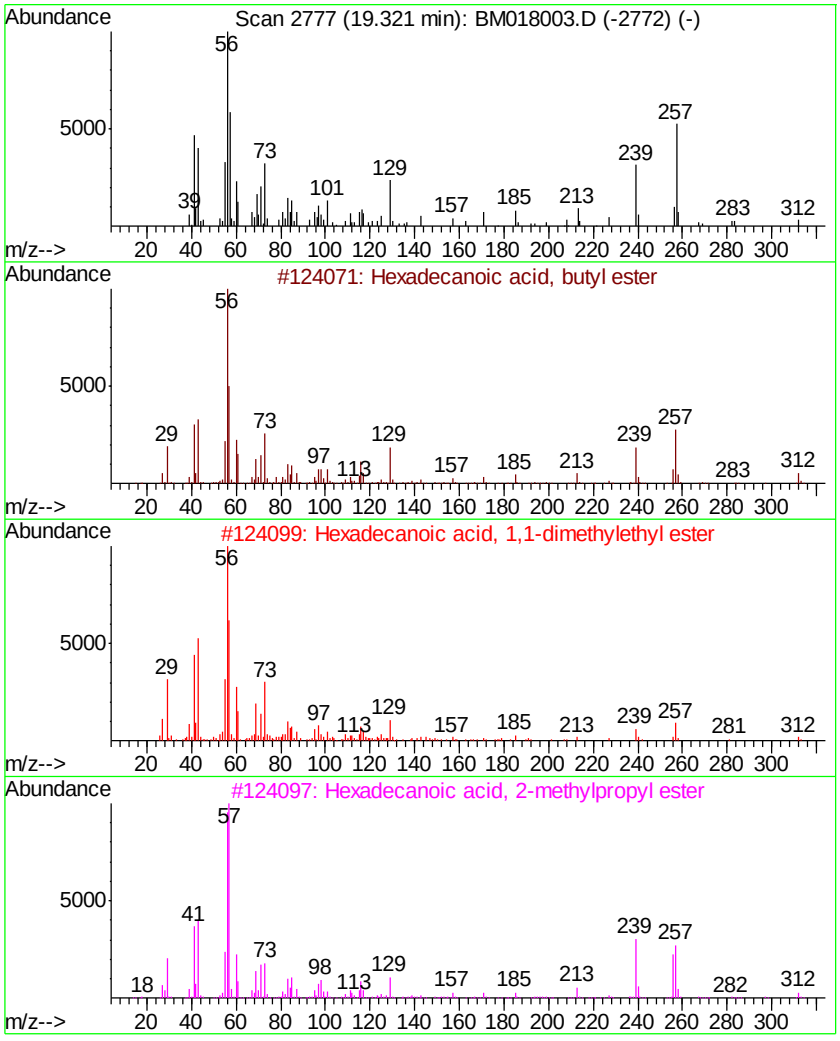
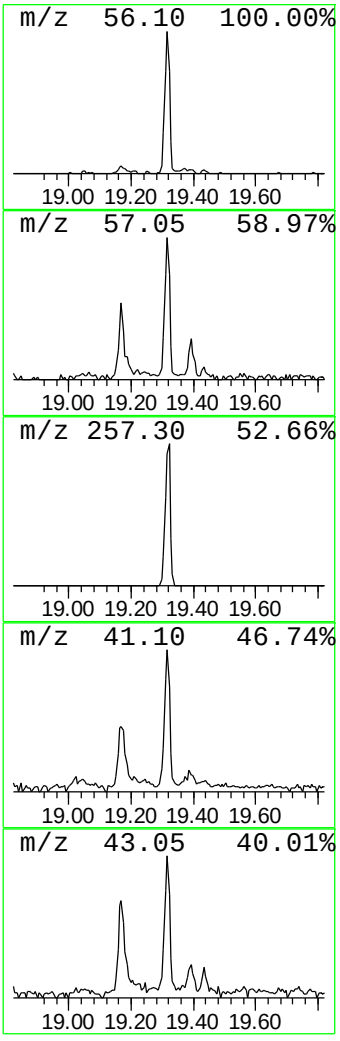
Peak Number 30 Hexadecanoic acid, butyl ester Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.48 ng/ul	212697	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	70
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	58
4	Nipecotic acid	129	C6H11NO2	000498-95-3	43
5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	41





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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

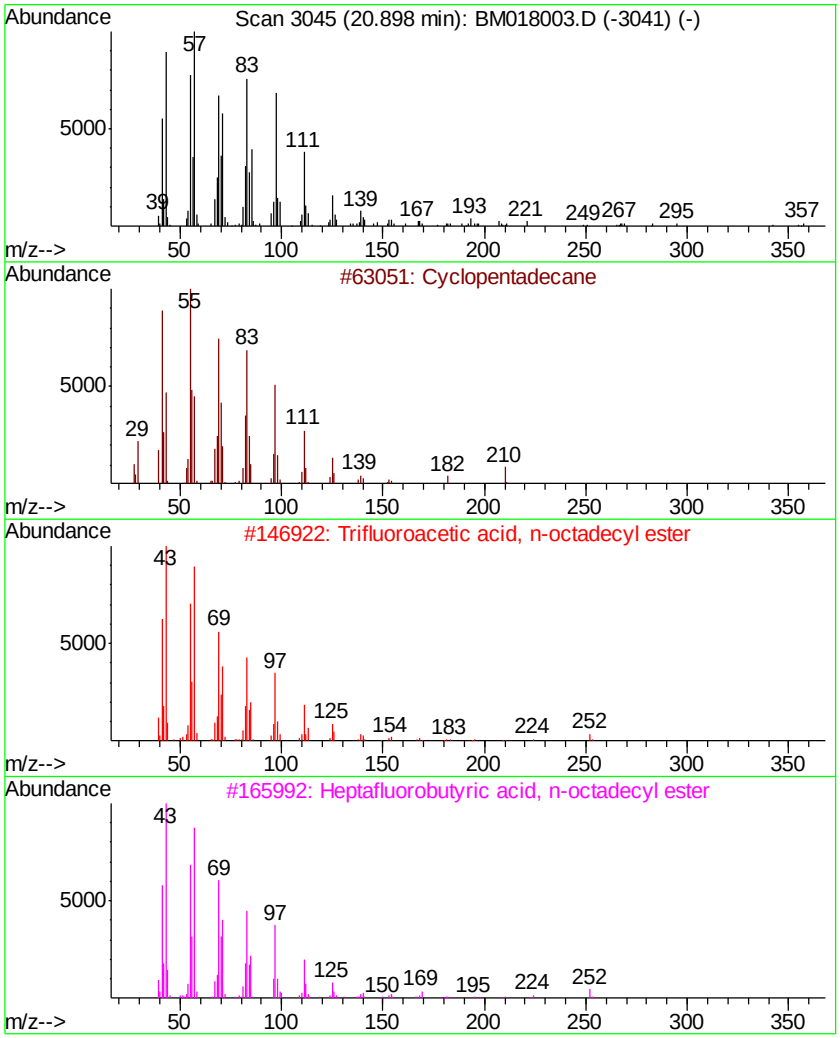
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

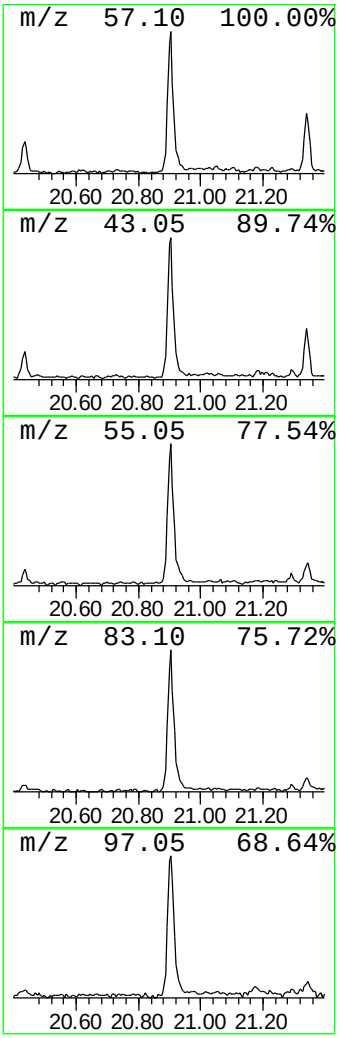
****

Peak Number 31 (DEL) Alkane: Cyclic20.90 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.60 ng/ul	566521	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120718\
Data File : BM018003.D
Acq On : 07 Dec 2018 17:11
Operator : JU/SJ
Sample : J6077-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y38

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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
Octane, 1,1'-oxybis-	3.08	2.5	ng/ul	103532	1	7.56	827738	20.0
(DEL) Alkane: Cyc...	3.39	2.8	ng/ul	116871	1	7.56	827738	20.0
(DEL) Alkane: Str...	3.75	3.5	ng/ul	144809	1	7.56	827738	20.0
(DEL) Alkane: Cyc...	4.01	2.0	ng/ul	84890	1	7.56	827738	20.0
Octane, 2-chloro-	4.06	2.3	ng/ul	94610	1	7.56	827738	20.0
7-Oxabicyclo[4.1....	4.14	2.4	ng/ul	100108	1	7.56	827738	20.0
(DEL) Alkane: Str...	4.17	8.3	ng/ul	345049	1	7.56	827738	20.0
(DEL) Alkane: Str...	5.05	2.1	ng/ul	85872	1	7.56	827738	20.0
(DEL) Alkane: Str...	5.18	2.6	ng/ul	106588	1	7.56	827738	20.0
(DEL) Alkane: Cyc...	5.47	5.1	ng/ul	212371	1	7.56	827738	20.0
(DEL) Alkane: Str...	5.60	15.9	ng/ul	657547	1	7.56	827738	20.0
Cyclohexane, 1-pr...	6.07	2.9	ng/ul	118567	1	7.56	827738	20.0
(DEL) Alkane: Str...	6.12	2.4	ng/ul	100759	1	7.56	827738	20.0
(DEL) Alkane: Cyc...	6.20	4.9	ng/ul	204080	1	7.56	827738	20.0
(DEL) Alkane: Str...	6.55	3.1	ng/ul	128363	1	7.56	827738	20.0
Benzene, 1-ethyl-...	6.65	4.9	ng/ul	204473	1	7.56	827738	20.0
(DEL) Alkane: Cyc...	7.04	3.4	ng/ul	140306	1	7.56	827738	20.0
(DEL) Alkane: Str...	7.18	14.2	ng/ul	586730	1	7.56	827738	20.0
Benzene, 1,2,3-tr...	7.66	3.6	ng/ul	149485	1	7.56	827738	20.0
(DEL) Alkane: Cyc...	7.83	3.1	ng/ul	129818	1	7.56	827738	20.0
Benzene, 2-ethyl-...	8.19	5.5	ng/ul	225916	1	7.56	827738	20.0
Benzene, 1,2,4,5-...	8.55	2.3	ng/ul	94898	1	7.56	827738	20.0
Benzene, 4-ethyl-...	8.64	8.8	ng/ul	366202	1	7.56	827738	20.0
1H-Indene, 2,3-di...	9.57	2.3	ng/ul	172623	2	10.32	1513500	20.0
Benzene, 1-methyl...	9.73	3.6	ng/ul	274756	2	10.32	1513500	20.0
(DEL) Alkane: Str...	11.75	2.2	ng/ul	167217	2	10.32	1513500	20.0
n-Hexadecanoic acid	17.87	6.8	ng/ul	484345	4	16.96	1415830	20.0
Hexadecanoic acid...	19.32	2.5	ng/ul	212697	5	21.18	1716170	20.0
(DEL) Alkane: Cyc...	20.90	6.6	ng/ul	566521	5	21.18	1716170	20.0