LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

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-BM082219MA.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	3.346	57	61	64	rVV3	44124	77996	2.18%	0.262%
2	3.563	91	98	107	rBV	170169	299087	8.35%	1.005%
3	3.657	107	114	120	rVV	252251	444974	12.42%	1.496%
4	3.710	120	123	130	rVB3	40177	76840	2.14%	0.258%
5	3.810	130	140	149	rVB4	57523	159213	4.44%	0.535%
6	3.893	149	154	161	rBV	154813	247200	6.90%	0.831%
7	4.099	185	189	198	rVB5	33811	81520	2.27%	0.274%
8	4.322	222	227	232	rBV	83000	126582	3.53%	0.426%
9	4.510	250	259	266	rBV2	24109	73774	2.06%	0.248%
10	4.599	270	274	279	rBV2	52515	80101	2.24%	0.269%
11	4.763	297	302	307	rVV2	50894	77408	2.16%	0.260%
12	4.999	338	342	346	rBV2	83481	142617	3.98%	0.479%
13	5.134	361	365	371	rVB	69217	103477	2.89%	0.348%
14	5.216	371	379	391	rVB5	94595	306278	8.55%	1.030%
15	5.316	391	396	399	rBV	46599	71358	1.99%	0.240%
16	5.416	407	413	417	rBV4	39768	70895	1.98%	0.238%
17	5.569	434	439	445	rVB3	73969	149333	4.17%	0.502%
18	5.804	472	479	485	rBV4	91769	191949	5.36%	0.645%
19	5.916	492	498	506	rBV4	50741	98062	2.74%	0.330%
20	6.004	506	513	517	rBV5	51986	107178	2.99%	0.360%
21	6.081	522	526	530	rBV	60589	82921	2.31%	0.279%
22	6.169	536	541	551	rVB6	62057	124649	3.48%	0.419%
23	6.393	575	579	588	rBV4	41679	93605	2.61%	0.315%
24	6.504	588	598	604	rBV	312267	493310	13.76%	1.658%
25	6.628	612	619	622	rBV3	81044	164354	4.59%	0.553%
26	6.681	622	628	633	rVV2	161780	309940	8.65%	1.042%
27	6.745	633	639	649	rVV3	194086	482963	13.48%	1.624%
28	6.845	650	656	660	rVV2	53254	92312	2.58%	0.310%
29	6.922	660	669	674	rVV2	184640	431798	12.05%	1.452%
30	7.034	684	688	692	rVV4	58459	133242	3.72%	0.448%
31	7.081	692	696	702	rVV	191007	327652	9.14%	1.101%
32	7.134	702	705	709	rVV4	45376	74259	2.07%	0.250%
33	7.181	709	713	718	rVV	89826	144969	4.04%	0.487%
34	7.416	745	753	758	rBV3	36242	88000	2.46%	0.296%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

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-BM082219MA.M
Title : SVOA CALIBRATION

35	7.481	758	764	770	rVB	318255	460189	12.84%	1.547%
36	7.551	770	776	784	rBV4	176507	389905	10.88%	1.311%
37	7.640	784	791	796	rBV2	186639	402809	11.24%	1.354%
38	7.722	800	805	814	rVB	326543	552408	15.41%	1.857%
39	7.904	831	836	843	rVB2	57218	94516	2.64%	0.318%
40	7.975	843	848	850	rBV	65576	88910	2.48%	0.299%
41	8.028	850	857	860	rVV2	367468	643289	17.95%	2.163%
42	8.069	860	864	872	rVB2	252014	464425	12.96%	1.561%
43	8.163	872	880	885	rBV2	644555	1017653	28.39%	3.421%
44	8.269	893	898	903	rBV	203813	309736	8.64%	1.041%
45	8.322	903	907	910	rVV	87619	128363	3.58%	0.432%
46	8.363	910	914	918	rVV	131683	210185	5.86%	0.707%
47	8.398	918	920	926	rVB	89700	120758	3.37%	0.406%
48	8.469	926	932	935	rBV	51890	83552	2.33%	0.281%
49	8.522	935	941	946	rVB5	100766	180813	5.05%	0.608%
50	8.622	952	958	963	rVB	314414	505700	14.11%	1.700%
51	8.716	963	974	984	rVB4	316095	887829	24.77%	2.985%
52	8.857	991	998	1004	rVB4	105522	213253	5.95%	0.717%
53	8.951	1004	1014	1020	rBV2	240347	447769	12.49%	1.505%
54	9.057	1026	1032	1041	rVB2	58187	109607	3.06%	0.368%
55	9.139	1041	1046	1051	rBV	125013	197432	5.51%	0.664%
56	9.198	1051	1056	1062	rVB	165994	264255	7.37%	0.888%
57	9.392	1079	1089	1091	rBV2	92806	199495	5.57%	0.671%
58	9.434	1091	1096	1104	rVV4	203420	403910	11.27%	1.358%
59	9.510	1104	1109	1113	rVV2	159973	248166	6.92%	0.834%
60	9.563	1113	1118	1127	rVB3	104319	216604	6.04%	0.728%
61	9.675	1127	1137	1138	rBV3	160762	324032	9.04%	1.089%
62	9.710	1138	1143	1148	rVV2	400506	687446	19.18%	2.311%
63	9.769	1148	1153	1159	rVB3	131540	257831	7.19%	0.867%
64	9.863	1164	1169	1170	rBV	93473	138523	3.87%	0.466%
65	9.957	1178	1185	1190	rBV2	226989	473645	13.22%	1.592%
66	10.004	1190	1193	1200	rVV	161387	241402	6.74%	0.812%
67	10.222	1227	1230	1233	rVV2	65962	121154	3.38%	0.407%
68	10.286	1233	1241	1243	rVV3	235467	561377	15.66%	1.887%
69	10.316	1243	1246	1248	rVV	212025	313077	8.74%	1.052%
70	10.345	1249	1251	1258	rVV4	189633	435089	12.14%	1.463%
71	10.416	1258	1263	1271	rVB2	180774	371066	10.35%	1.247%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

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-BM082219MA.M
Title : SVOA CALIBRATION

72	10.516	1271	1280	1285	rBV3	128464	264987	7.39%	0.891%
73	10.669	1297	1306	1309	rBV6	49487	106516	2.97%	0.358%
74	10.710	1309	1313	1319	rVV2	76624	143374	4.00%	0.482%
75	10.763	1319	1322	1330	rVB5	58004	103451	2.89%	0.348%
76	10.957	1351	1355	1360	rVV	99401	168137	4.69%	0.565%
77	11.010	1361	1364	1370	rVB5	71988	116654	3.25%	0.392%
78	11.075	1370	1375	1379	rBV4	42696	75335	2.10%	0.253%
79	11.216	1392	1399	1402	rBV3	65448	139230	3.88%	0.468%
80	11.410	1428	1432	1437	rVB2	84152	135082	3.77%	0.454%
81	11.510	1444	1449	1454	rVV5	50062	133670	3.73%	0.449%
82	11.716	1475	1484	1489	rBV4	86175	237127	6.62%	0.797%
83	11.939	1514	1522	1528	rVB2	111483	229770	6.41%	0.772%
84	12.192	1558	1565	1571	rBV2	131182	224069	6.25%	0.753%
85	12.345	1588	1591	1599	rVB4	52754	100658	2.81%	0.338%
86	12.504	1614	1618	1623	rVB4	41384	81805	2.28%	0.275%
87	12.727	1652	1656	1665	rVB	65462	116736	3.26%	0.392%
88	12.804	1665	1669	1674	rBV4	35913	79794	2.23%	0.268%
89	13.627	1804	1809	1814	rVV	463018	648957	18.11%	2.182%
90	13.674	1814	1817	1825	rVB	75720	127332	3.55%	0.428%
91	13.892	1849	1854	1862	rBV	474467	739644	20.64%	2.486%
92	14.198	1901	1906	1912	rVB2	270548	424624	11.85%	1.427%
93	14.386	1934	1938	1941	rBV	55743	76686	2.14%	0.258%
94	14.486	1950	1955	1963	rBV4	76178	210862	5.88%	0.709%
95	15.204	2072	2077	2084	rVB	571386	807389	22.53%	2.714%
96	15.374	2103	2106	2114	rVB2	86631	136545	3.81%	0.459%
97	16.751	2336	2340	2344	rBV	272437	389513	10.87%	1.309%
98	16.968	2373	2377	2380	rBV2	319150	436733	12.19%	1.468%
99	17.068	2390	2394	2398	rBV2	684593	912500	25.46%	3.068%
100	19.386	2785	2788	2792	rBV	2385017	3583917	100.00%	12.048%

Sum of corrected areas: 29747086

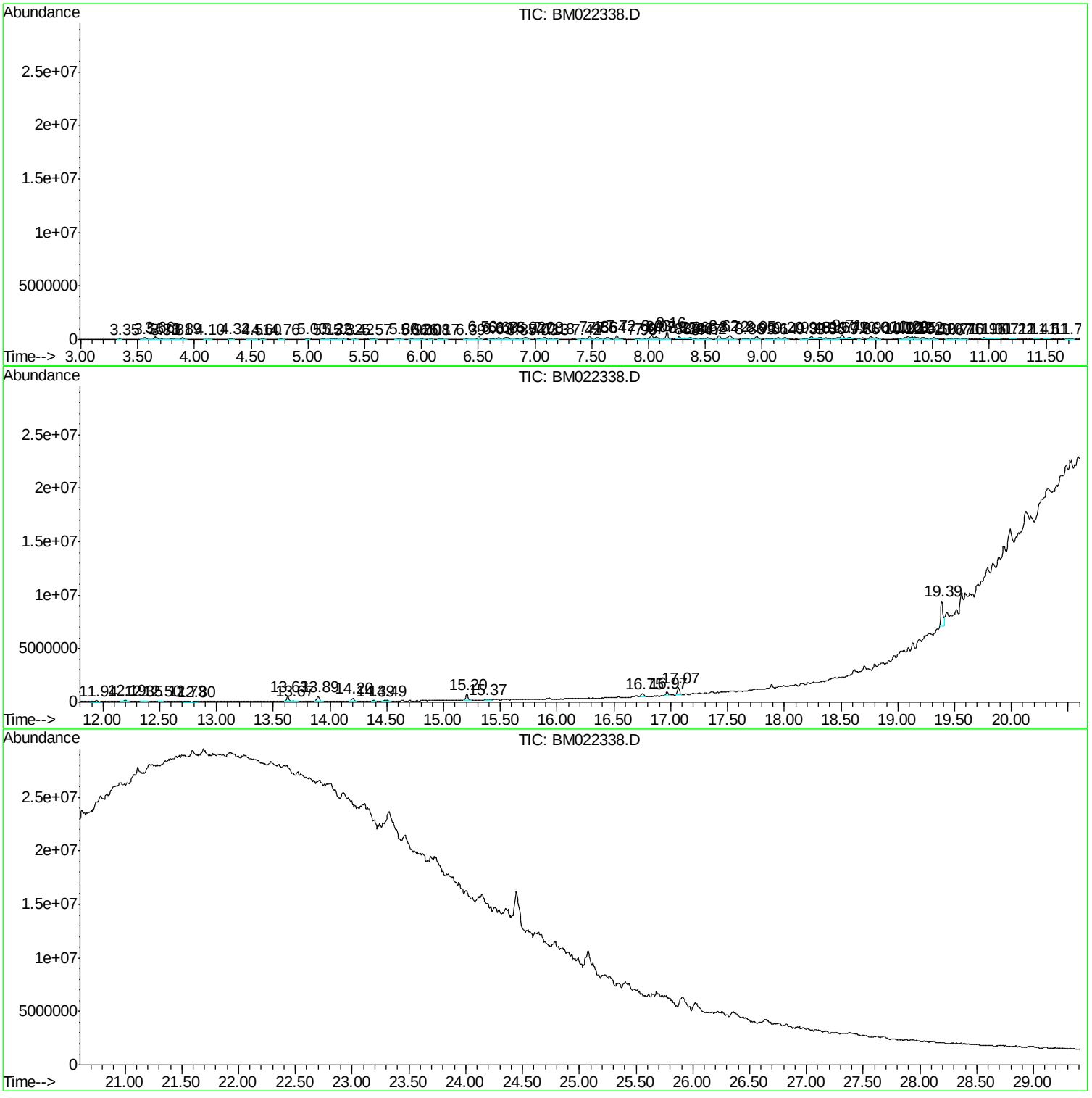
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

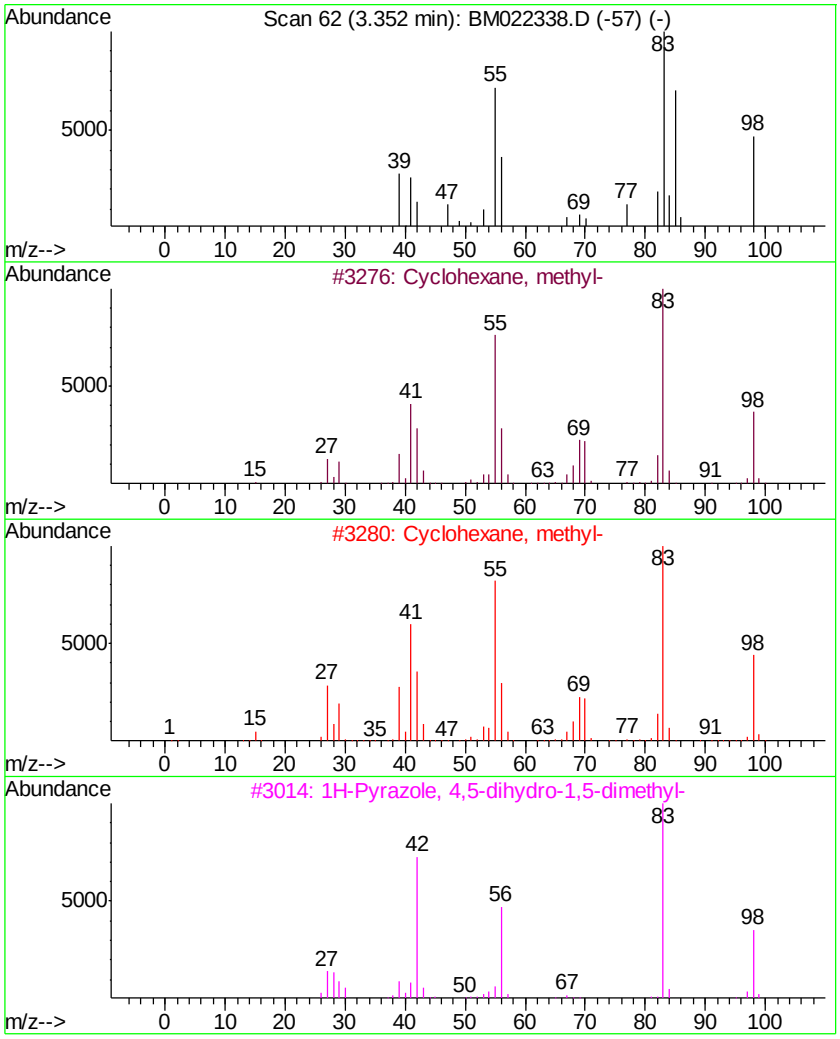
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

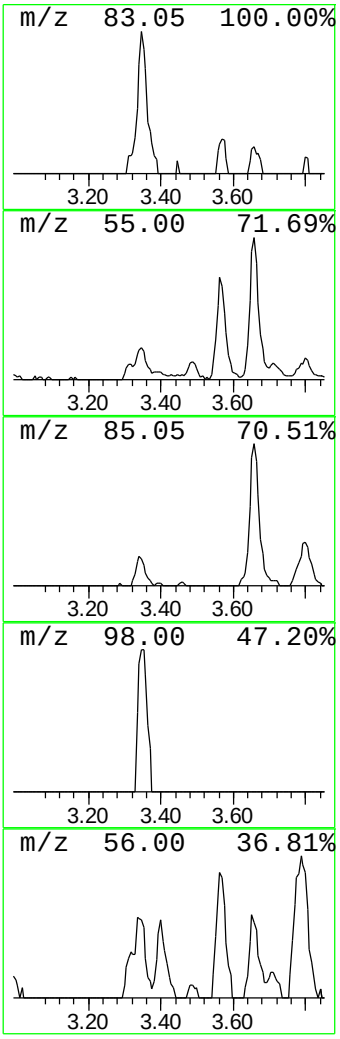
****

Peak Number 1 (DEL) Alkane: Cyclic3.35 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	4.00 ng/ul	77996	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	64
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	58
3	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	43
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	43
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

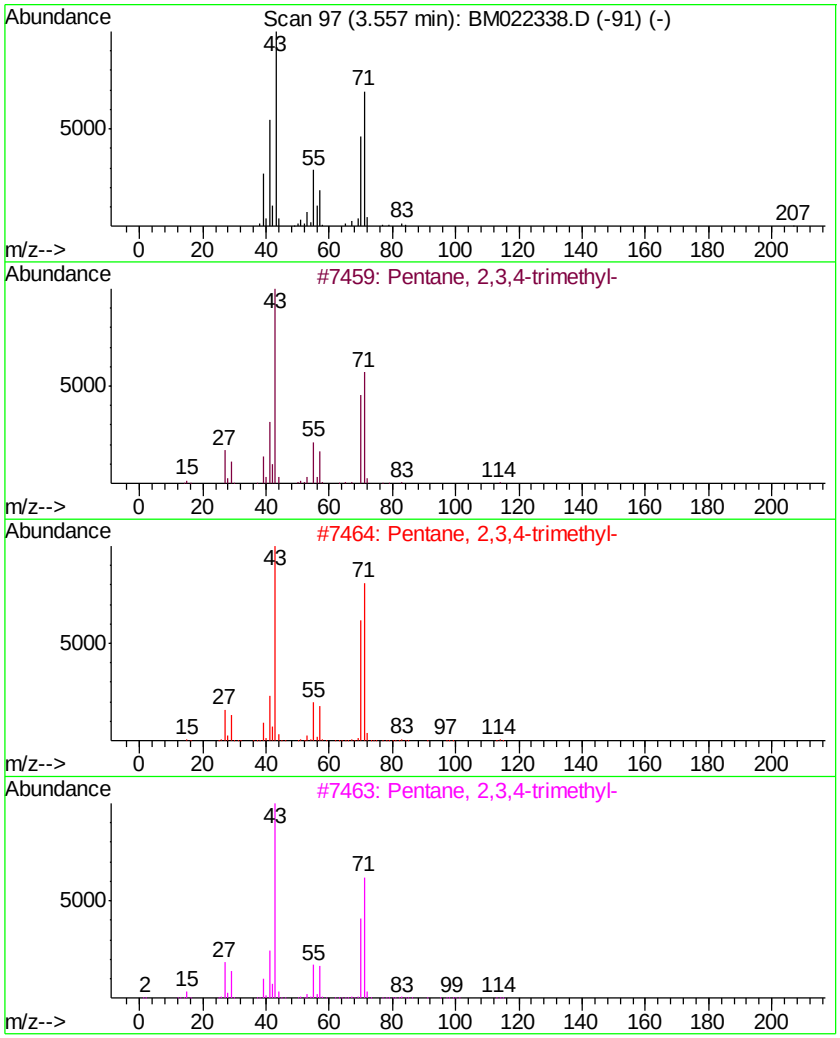
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

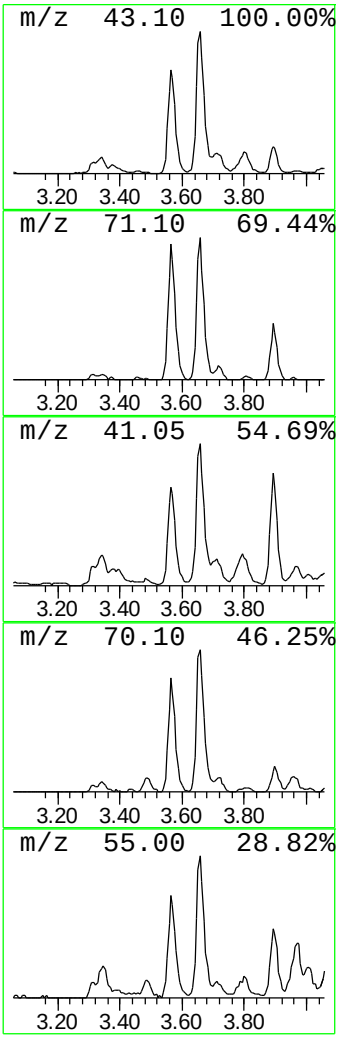
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	15.34 ng/ul	299087	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
4	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	64
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

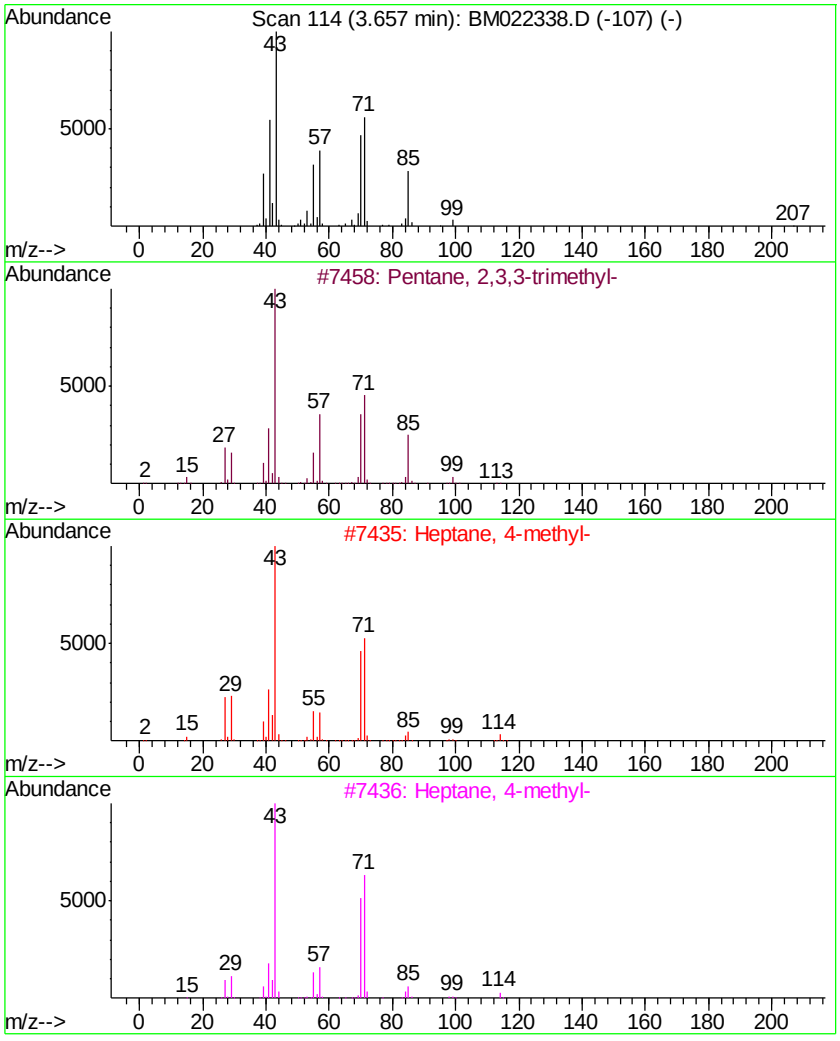
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

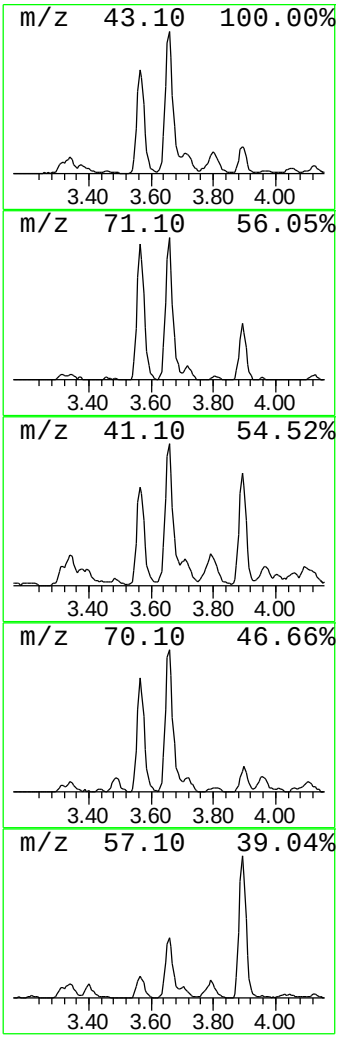
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	22.82 ng/ul	444974	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

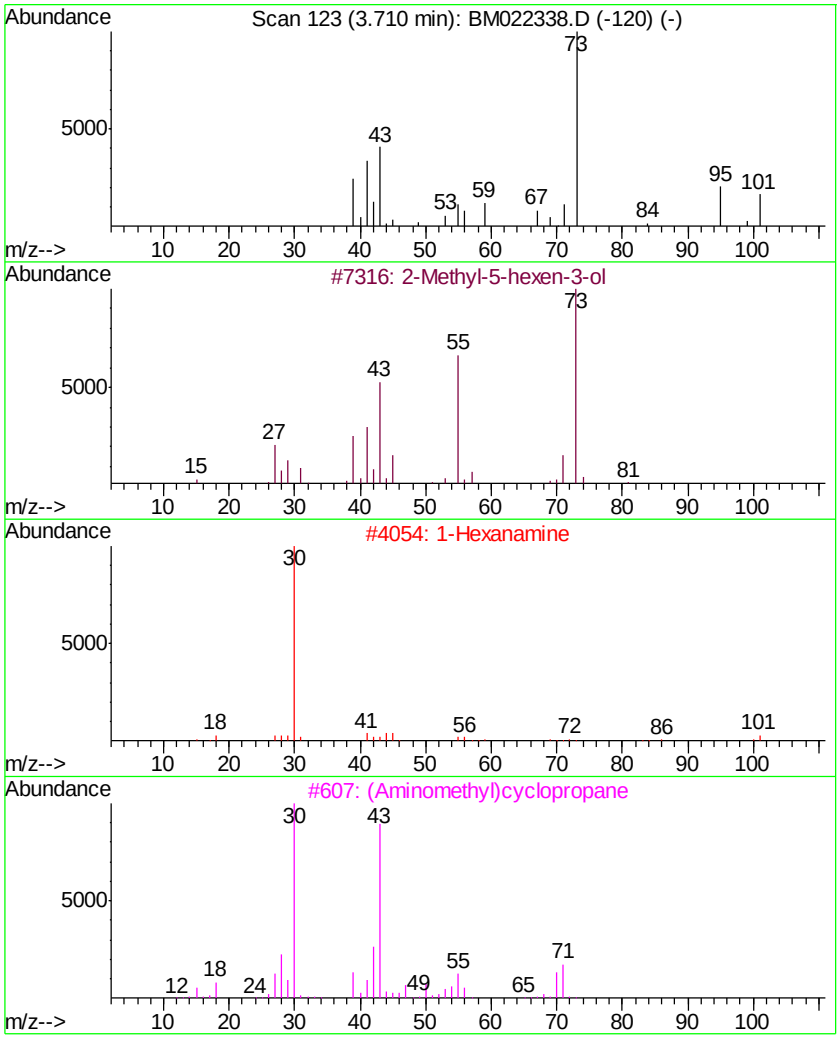
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

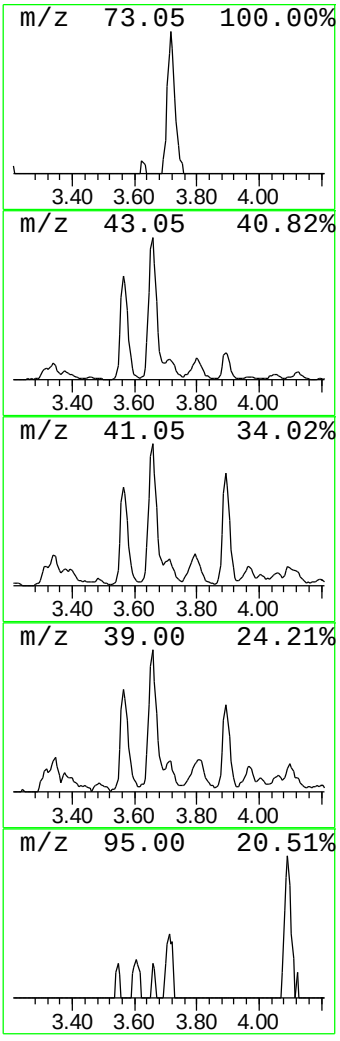
****

Peak Number 4 unknown-01 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	3.94 ng/ul	76840	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
2	1-Hexanamine	101	C6H15N	000111-26-2	5
3	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	5
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	5





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

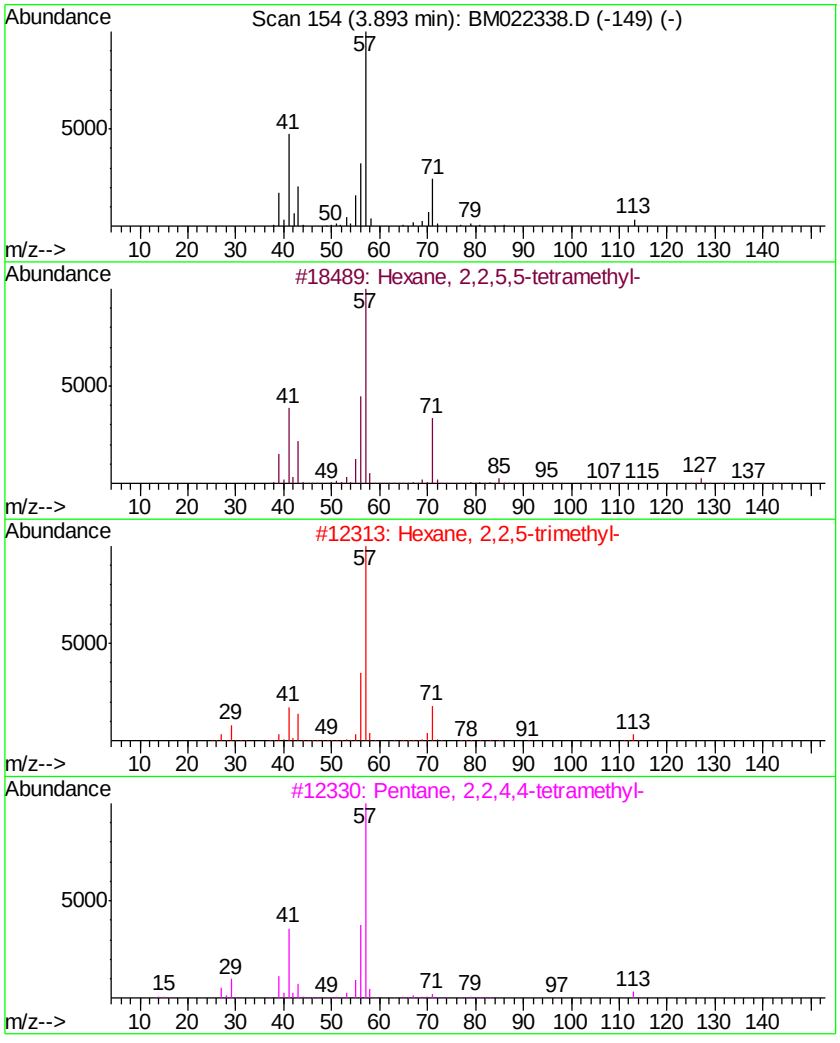
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

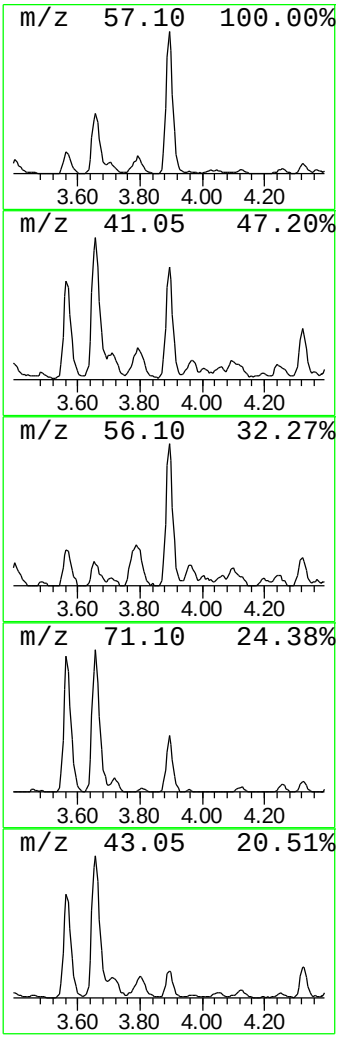
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	12.68 ng/ul	247200	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	72
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	56
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	53
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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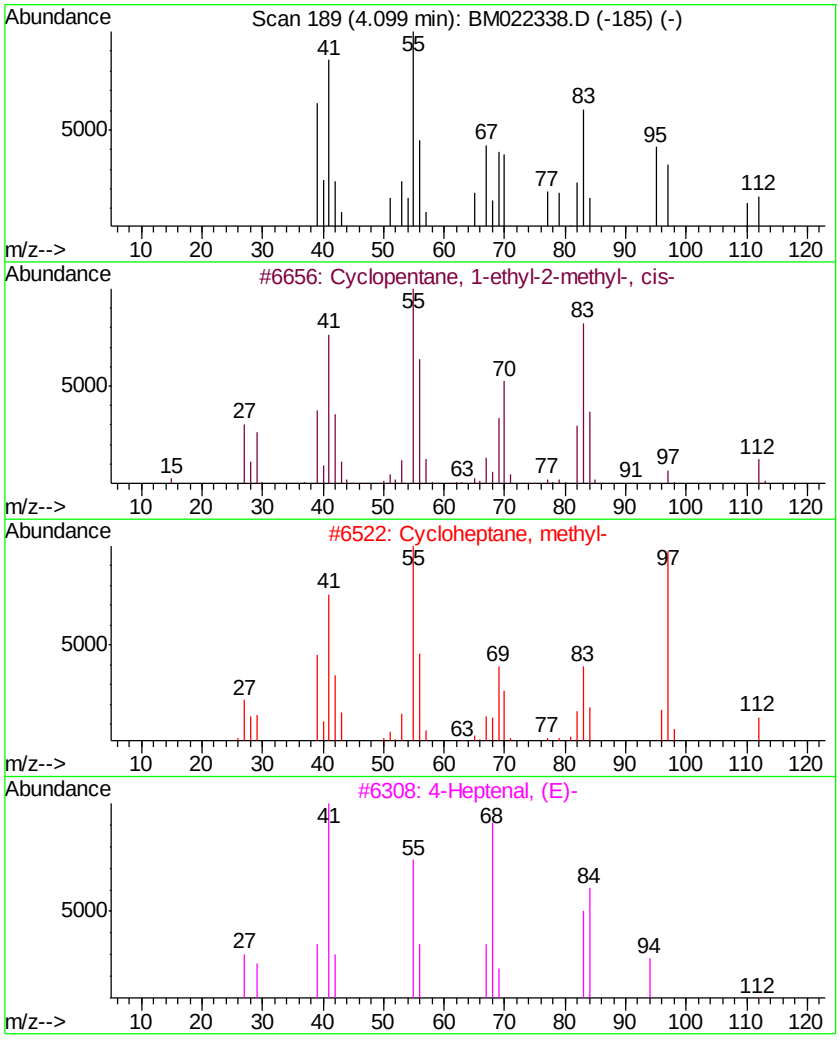
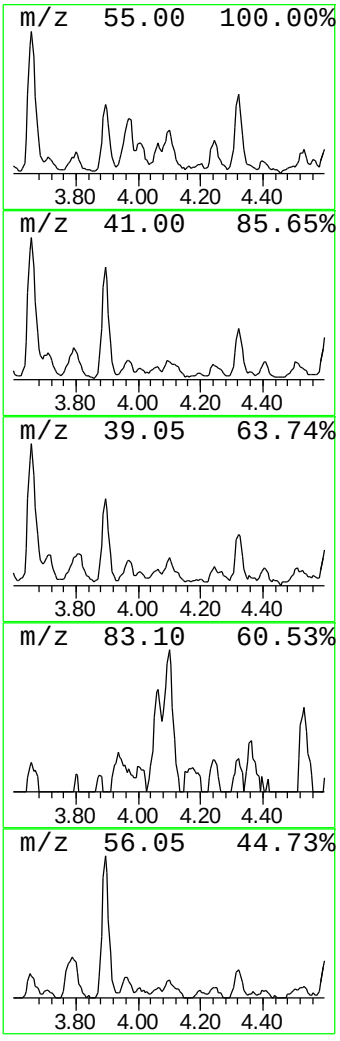
Peak Number 7 (DEL) Alkane: Cyclic4.10 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	4.18 ng/ul	81520	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	46
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	45
3	4-Heptenal, (E)-	112	C7H12O	000929-22-6	38
4	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	38
5	1-Dodecene	168	C12H24	000112-41-4	27





Library Search Compound Report

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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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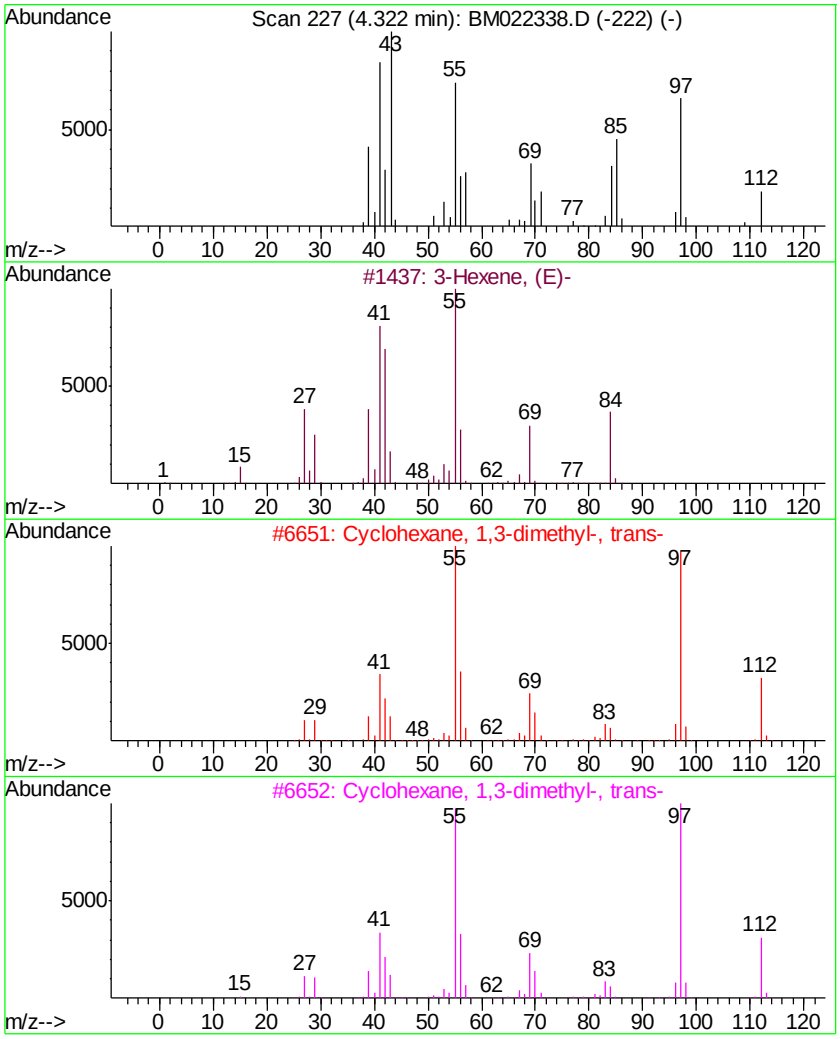
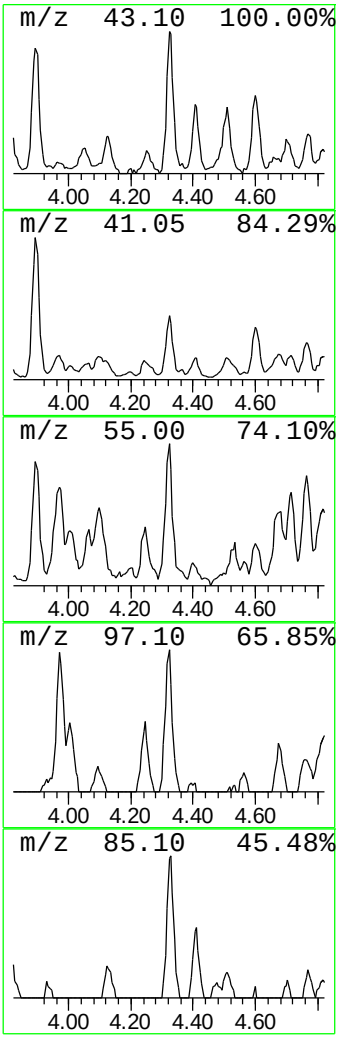
Peak Number 8 (DEL) Alkane: Cyclic4.32 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	6.49 ng/ul	126582	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (E)-	84	C6H12	013269-52-8	46
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	45
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	45
4	Cycloheptanone	112	C7H12O	000502-42-1	43
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	41





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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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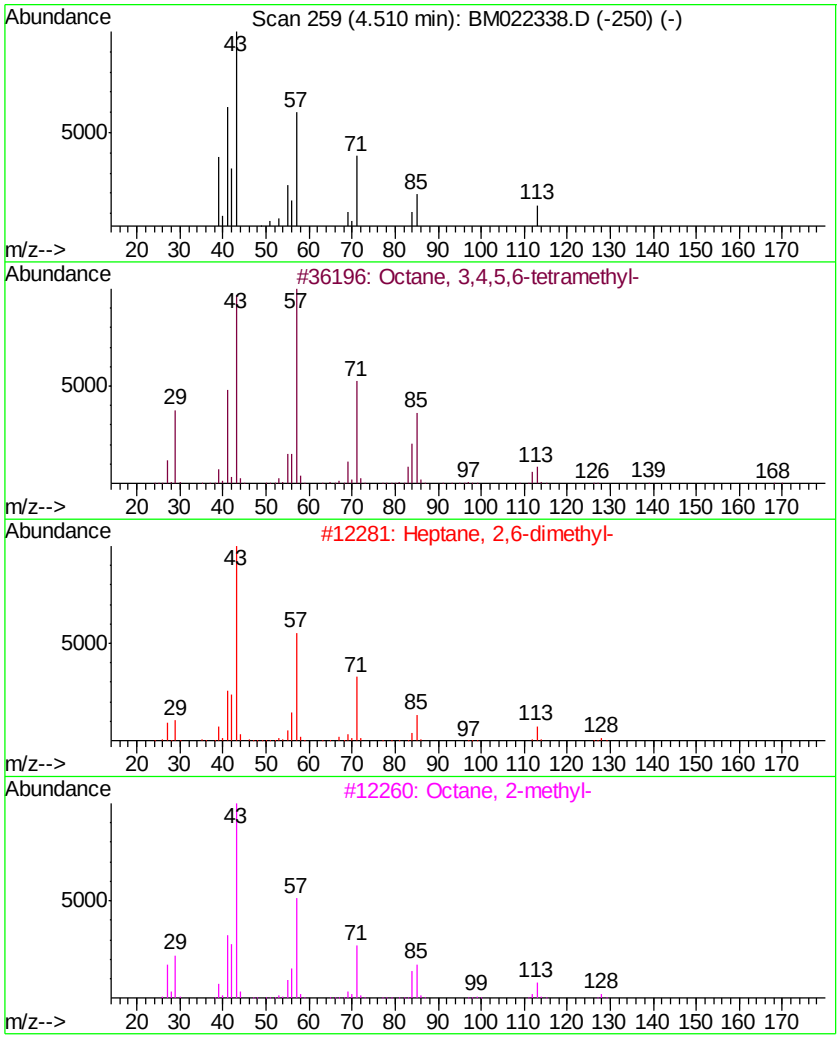
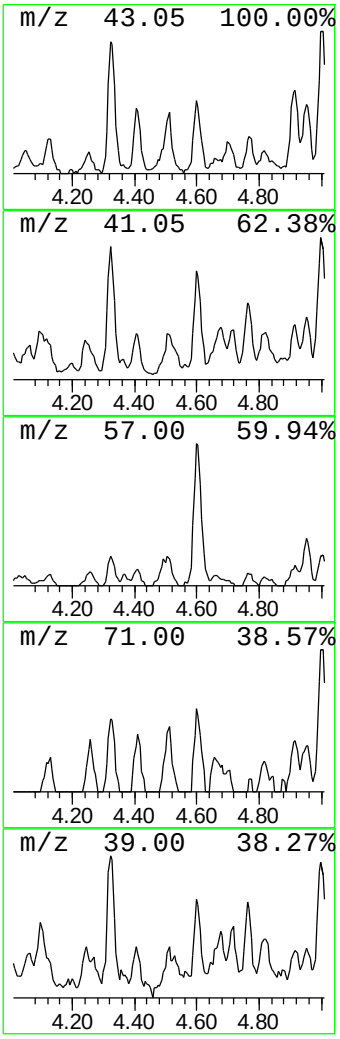
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	3.78 ng/ul	73774	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	40
3	Octane, 2-methyl-	128	C9H20	003221-61-2	40
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	40
5	Octane, 2-methyl-	128	C9H20	003221-61-2	40





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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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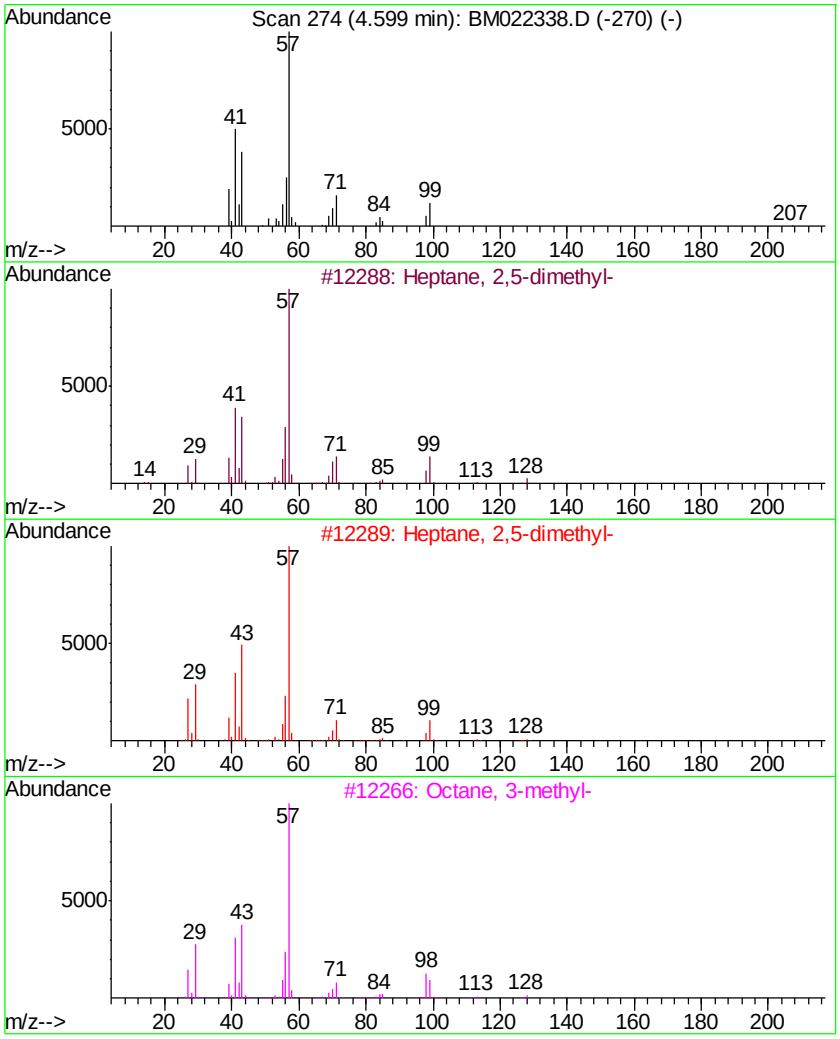
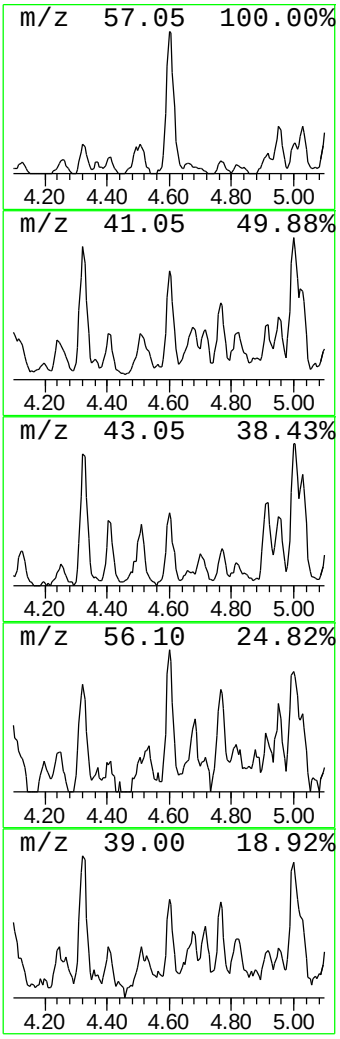
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	4.11 ng/ul	80101	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	78
3	Octane, 3-methyl-	128	C9H20	002216-33-3	72
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64





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Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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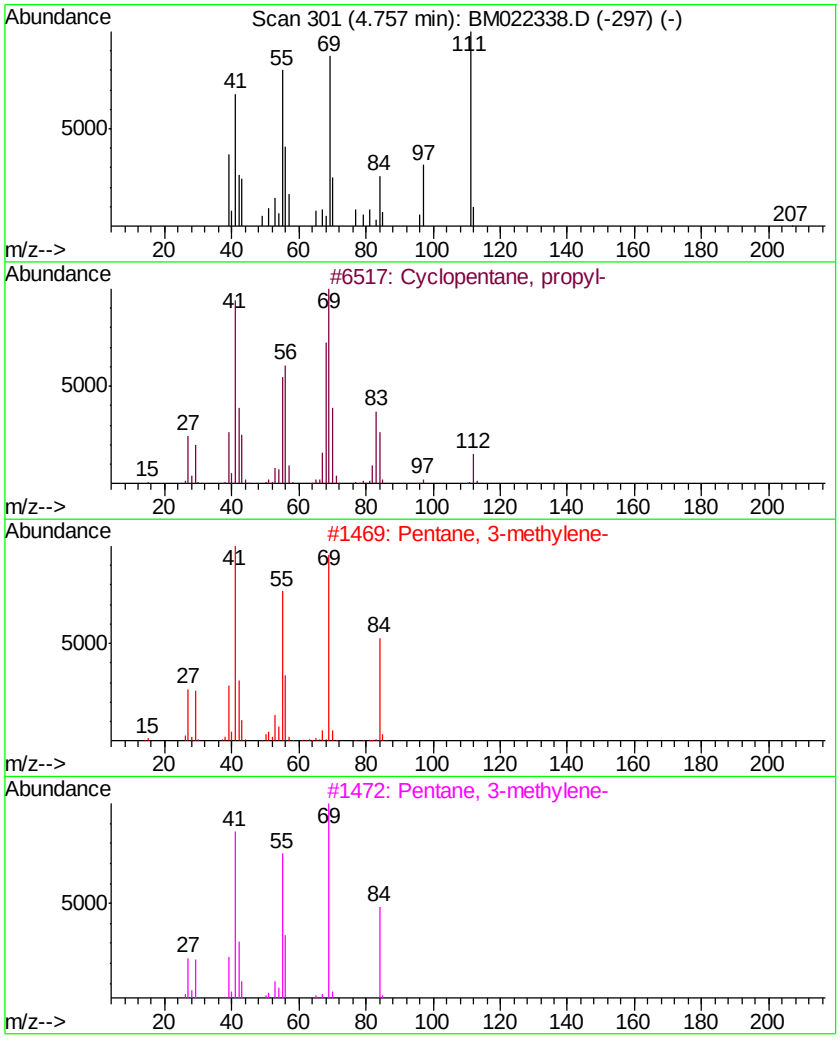
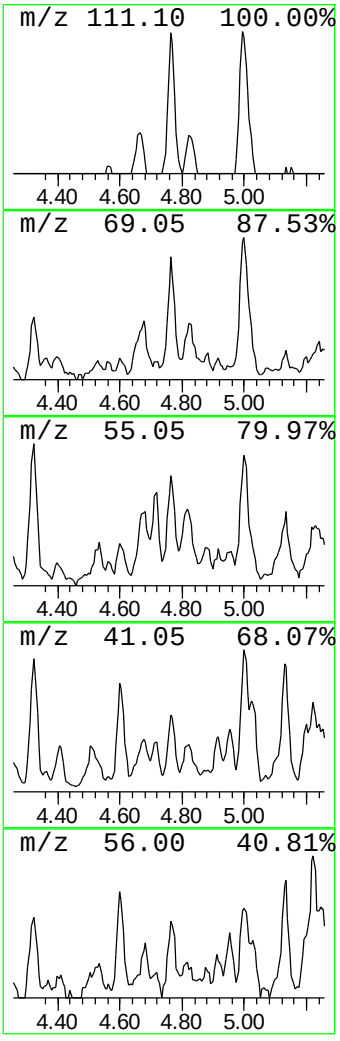
Peak Number 11 (DEL) Alkane: Cyclic4.76 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	3.97 ng/ul	77408	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	55
2	Pentane, 3-methylene-	84	C6H12	000760-21-4	55
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	55
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	50
5	2,5-Dimethyl-3-hexene	112	C8H16	1000118-16-2	43





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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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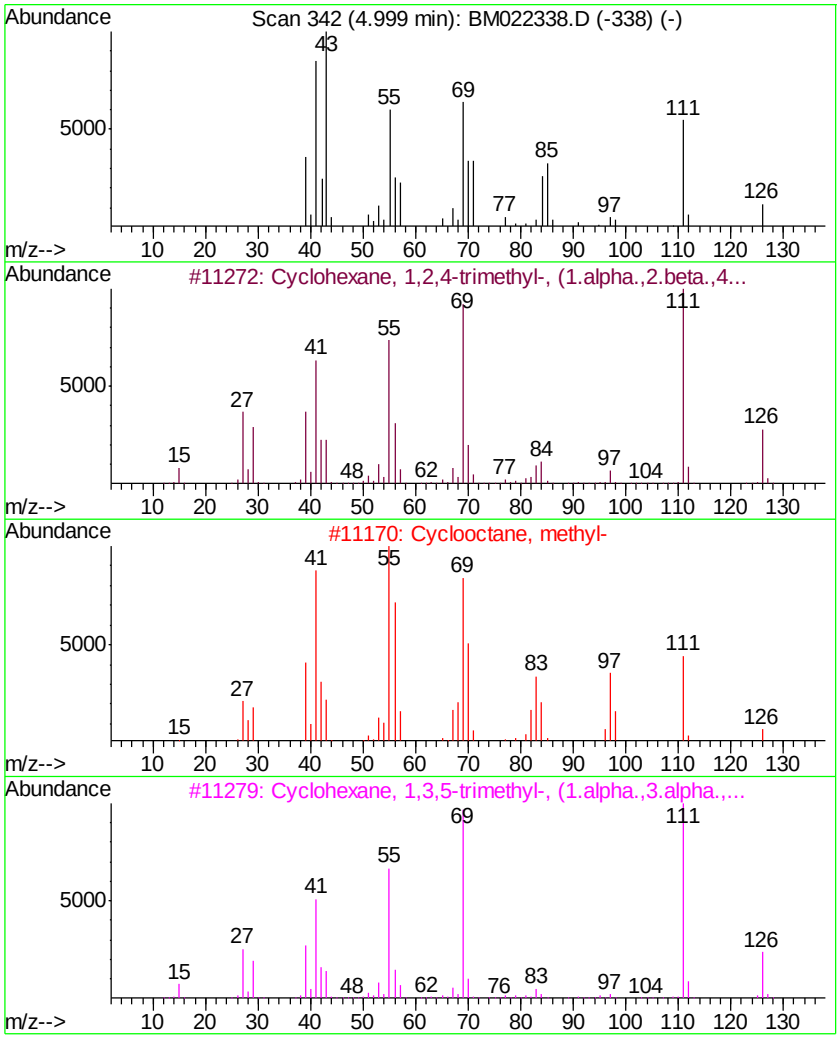
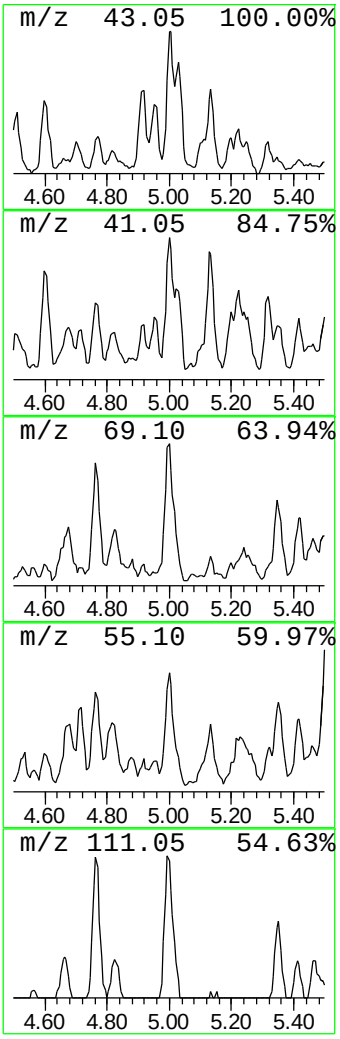
Peak Number 12 (DEL) Alkane: Cyclic5.00 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	7.32 ng/ul	142617	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	46
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	46
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	30
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	27
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	25





Library Search Compound Report

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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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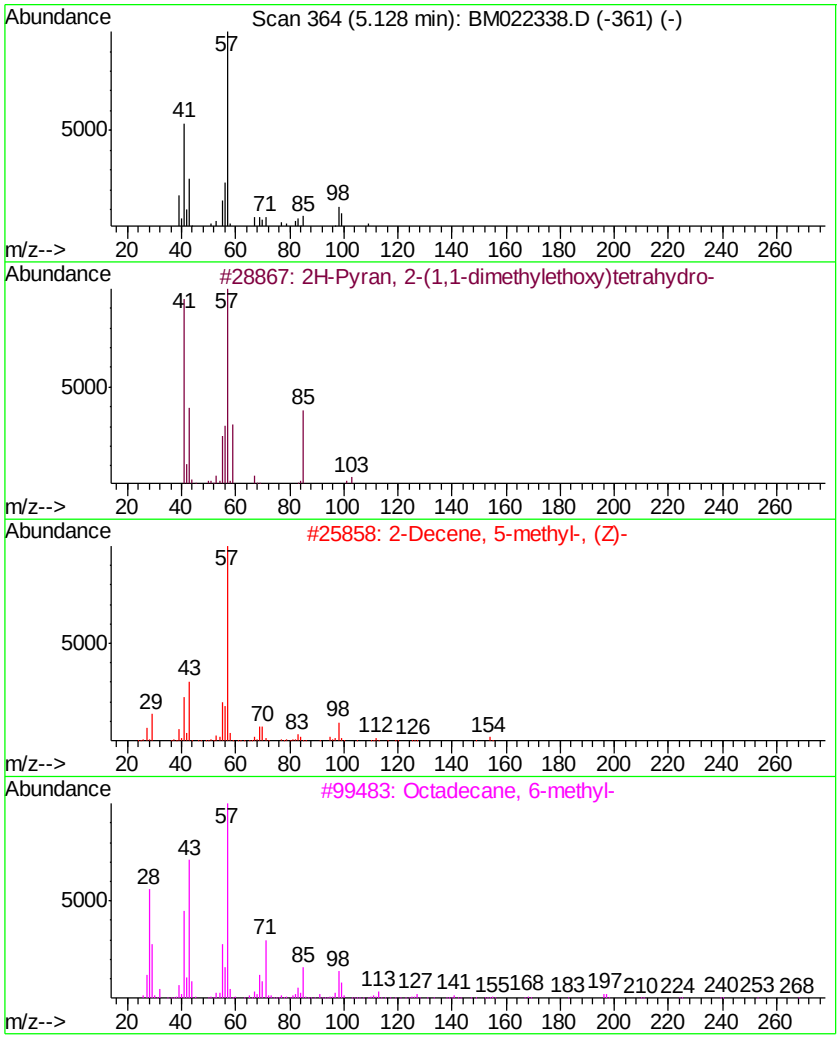
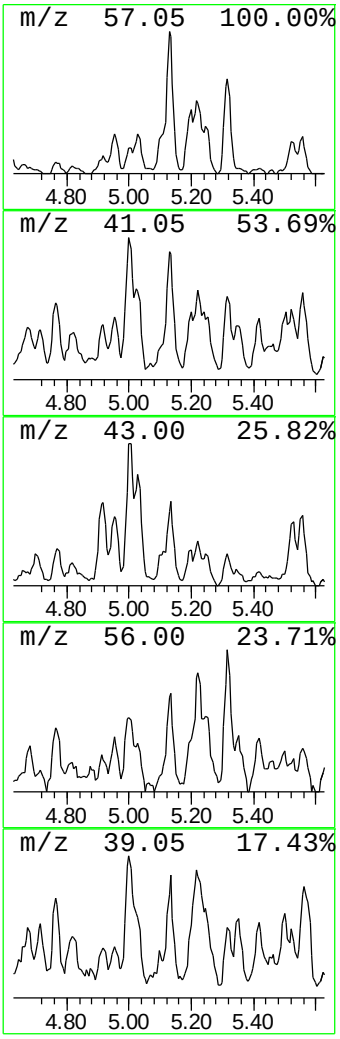
Peak Number 13 unknown-02 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	5.31 ng/ul	103477	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 2-(1,1-dimethylethoxy)...	158	C9H18O2	001927-69-1	47
2	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	47
3	Octadecane, 6-methyl-	268	C19H40	010544-96-4	45
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	45
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	45





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Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

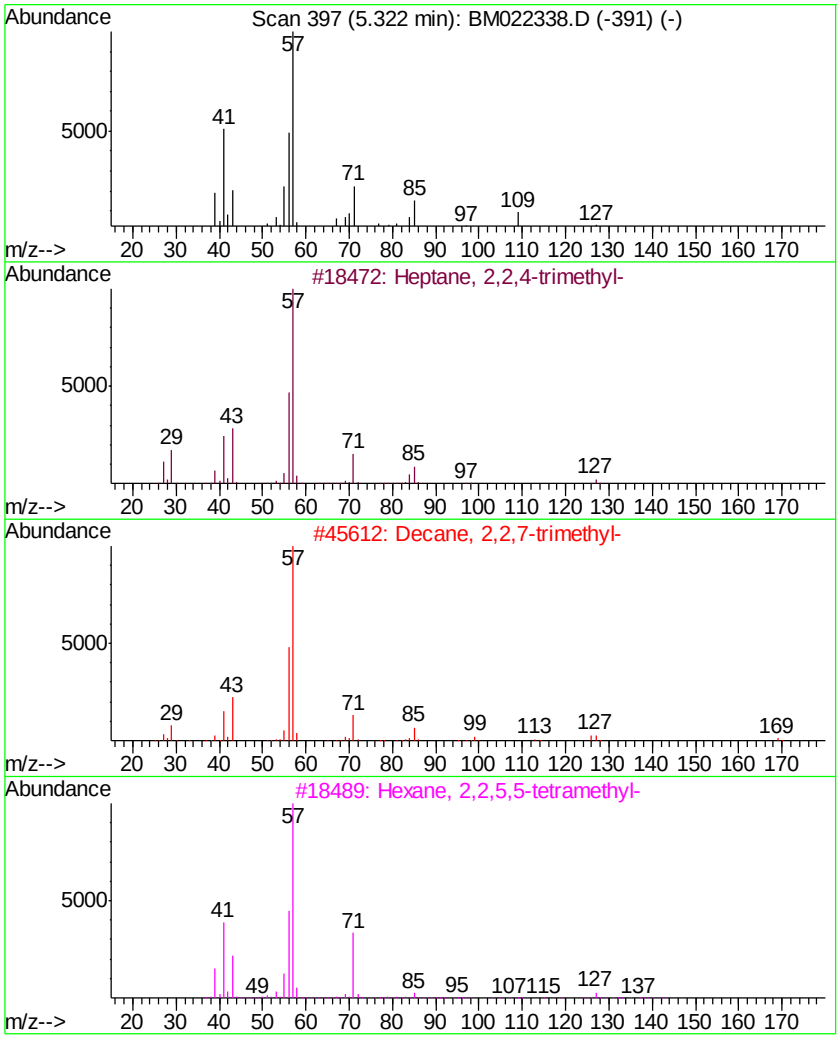
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

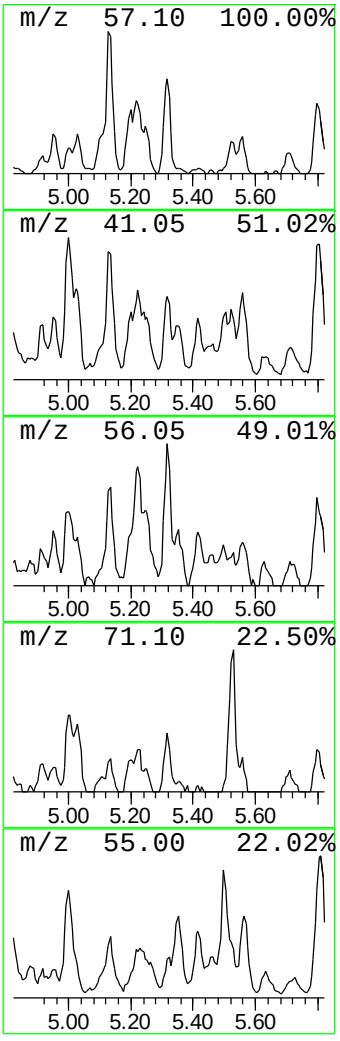
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	3.66 ng/ul	71358	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	45
2	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	45
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	45
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	42
5	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	42





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Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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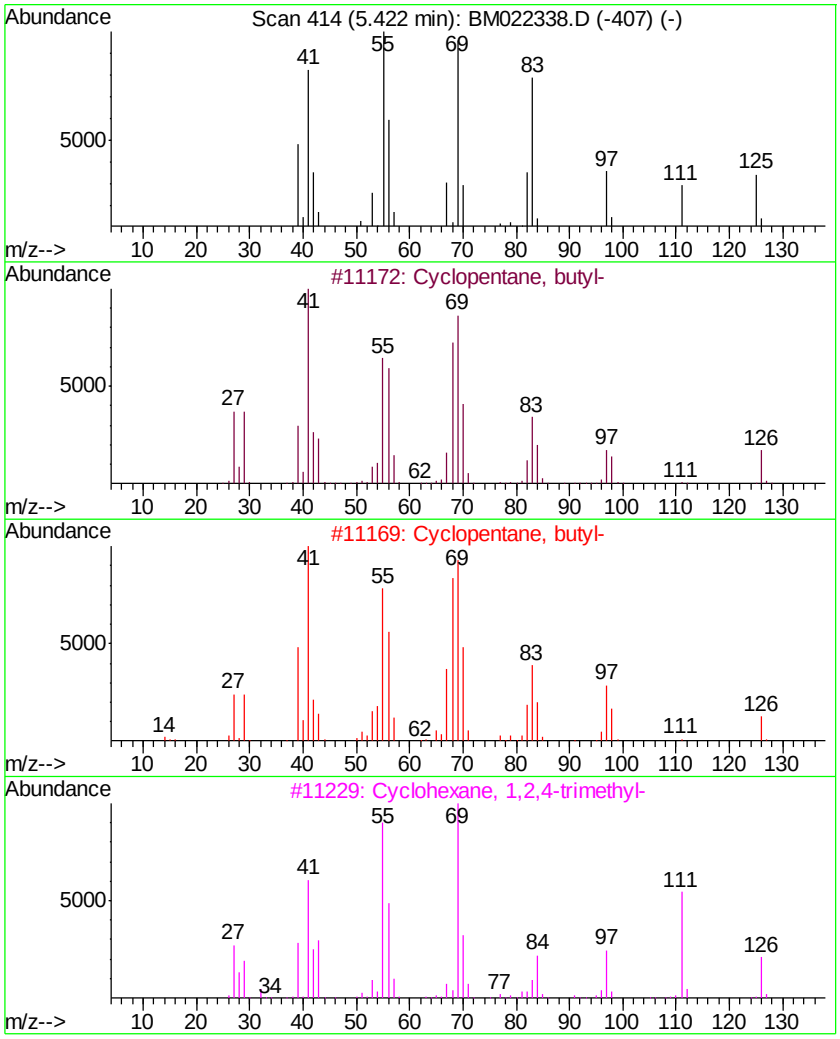
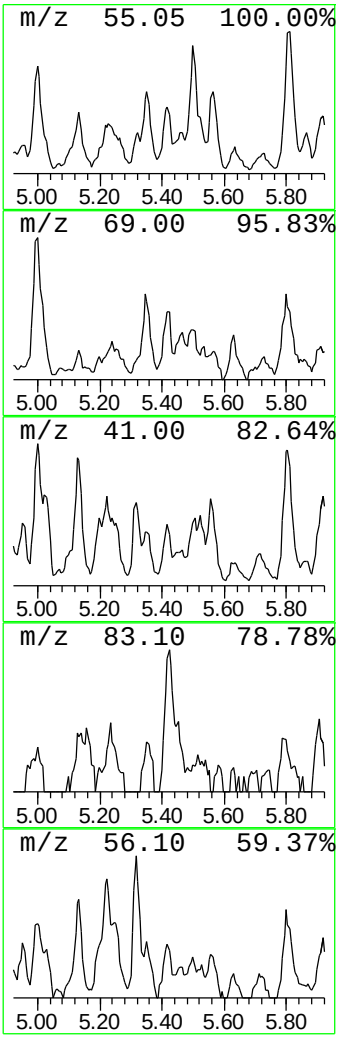
Peak Number 16 (DEL) Alkane: Cyclic5.42 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	3.64 ng/ul	70895	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	64
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	64
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	52
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	50
5	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	50





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Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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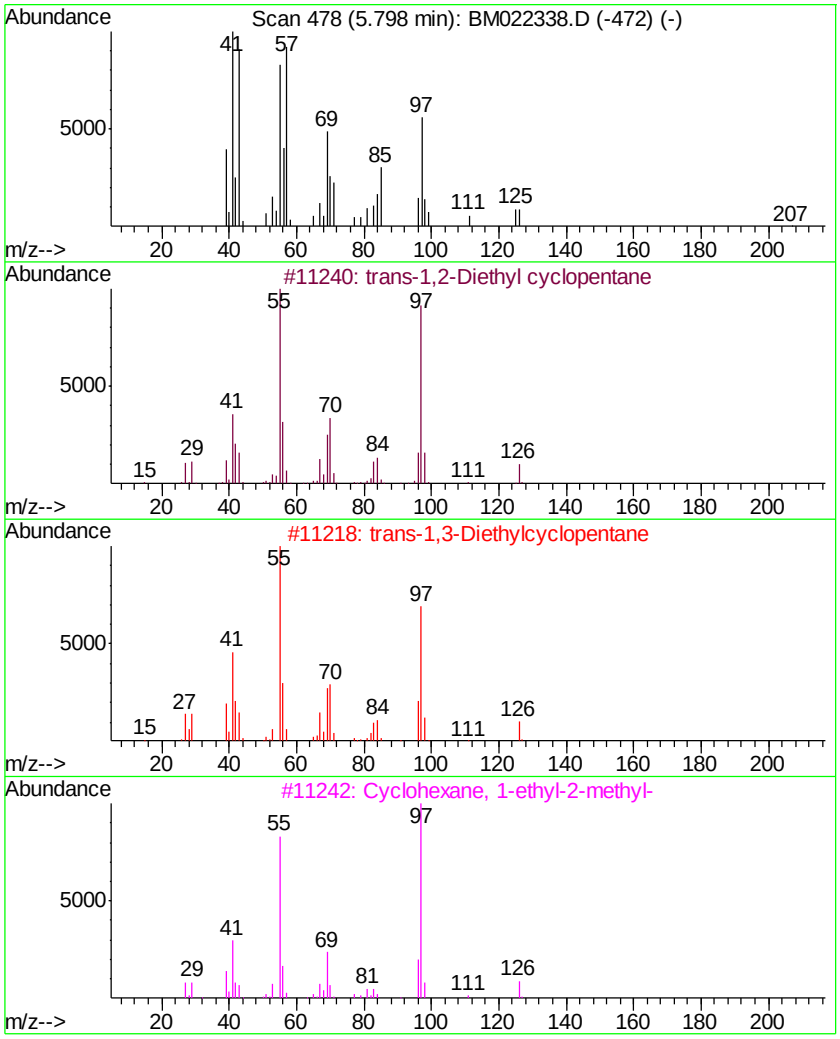
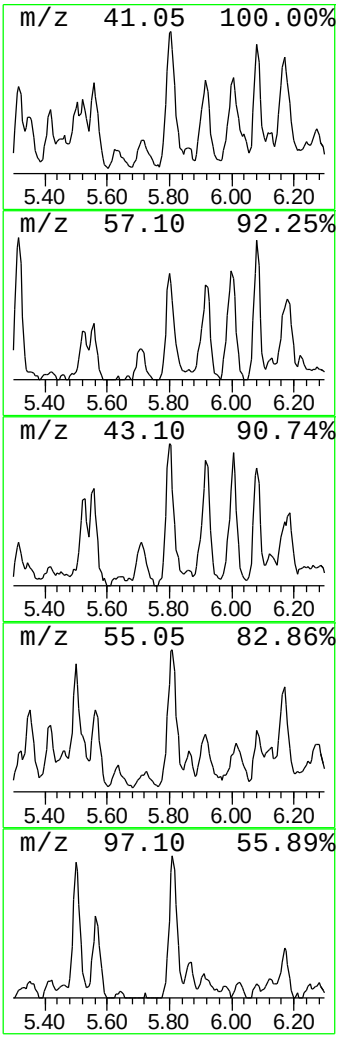
Peak Number 18 (DEL) Alkane: Cyclic5.80 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	9.85 ng/ul	191949	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	58
2	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	55
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	53
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43





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Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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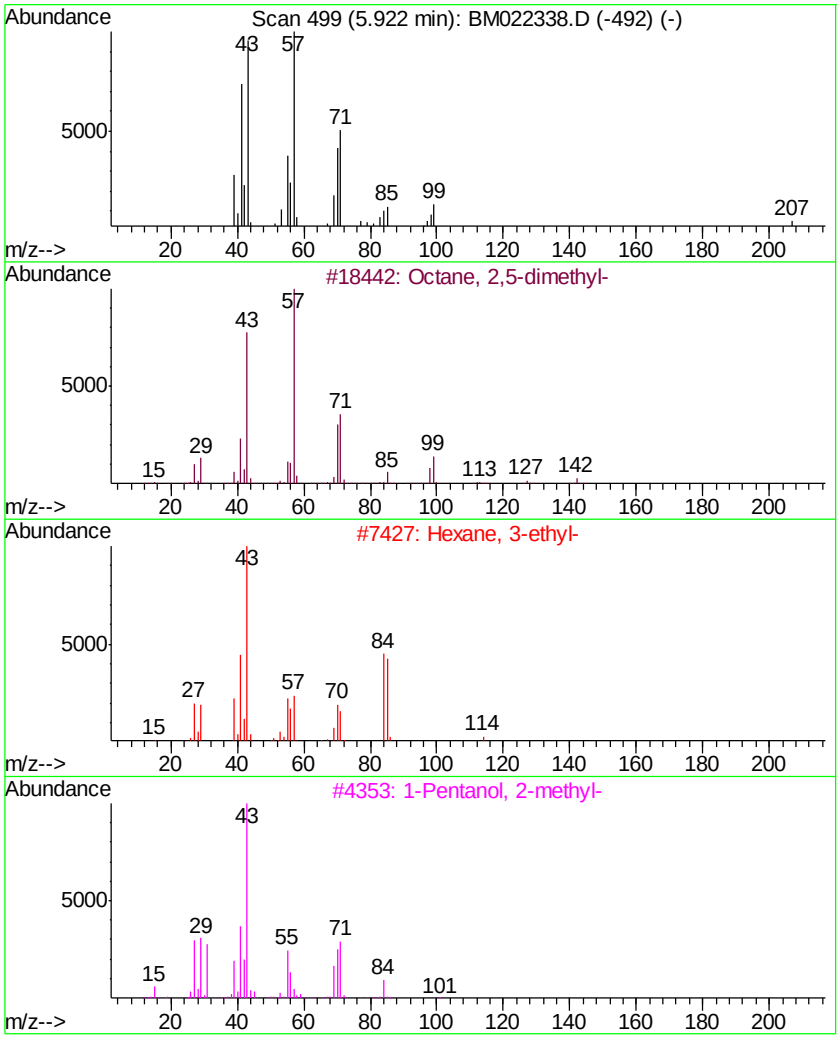
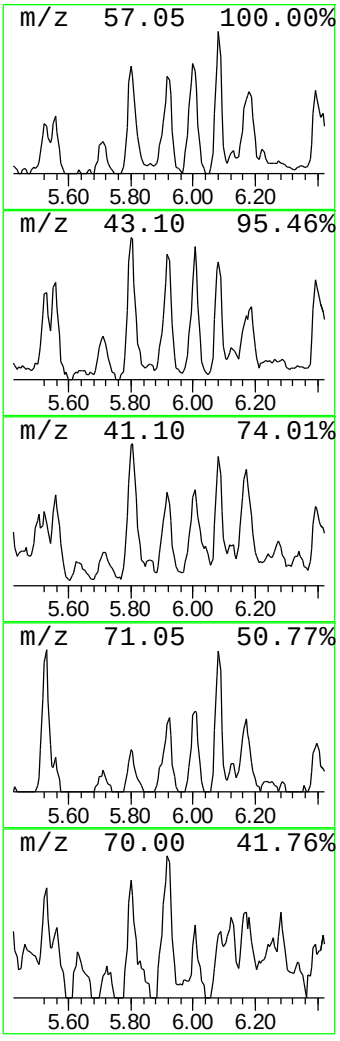
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	5.03 ng/ul	98062	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
3	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	53
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53





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Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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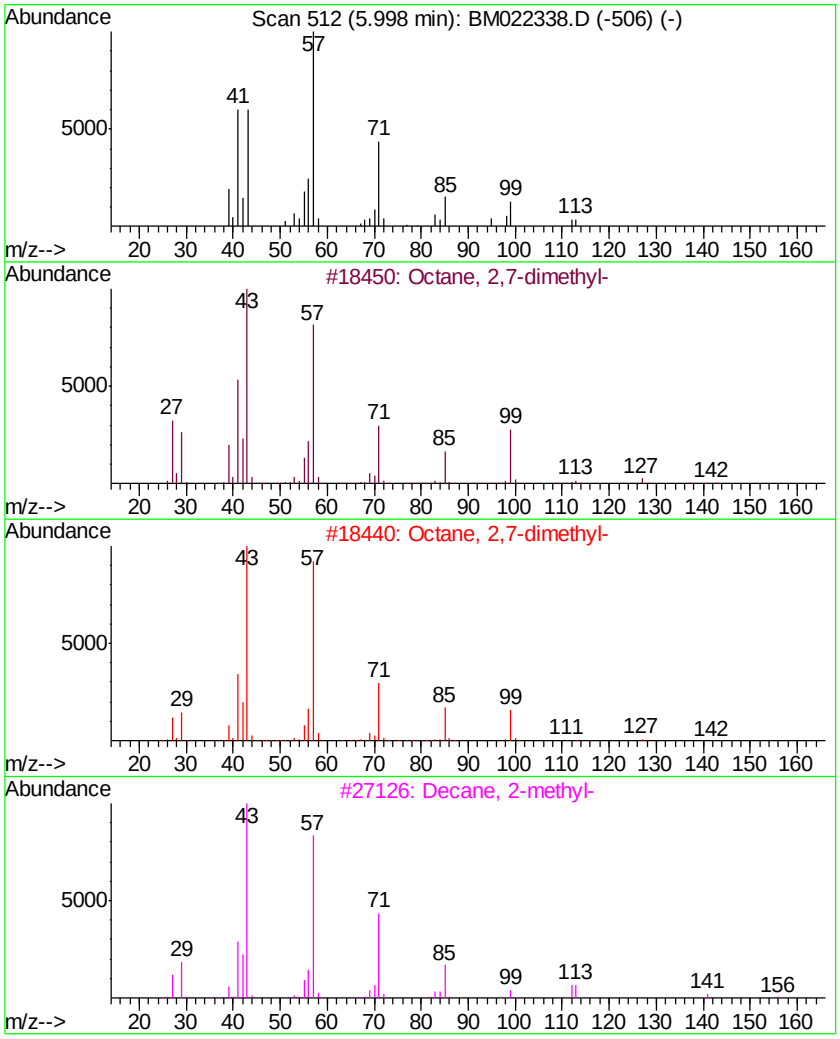
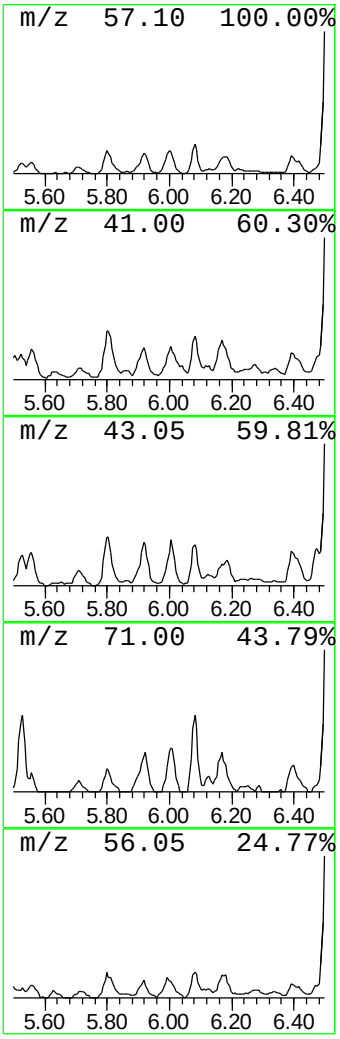
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	5.50 ng/ul	107178	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	72
2	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
3	Decane, 2-methyl-	156	C11H24	006975-98-0	64
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
5	Undecane	156	C11H24	001120-21-4	59





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Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

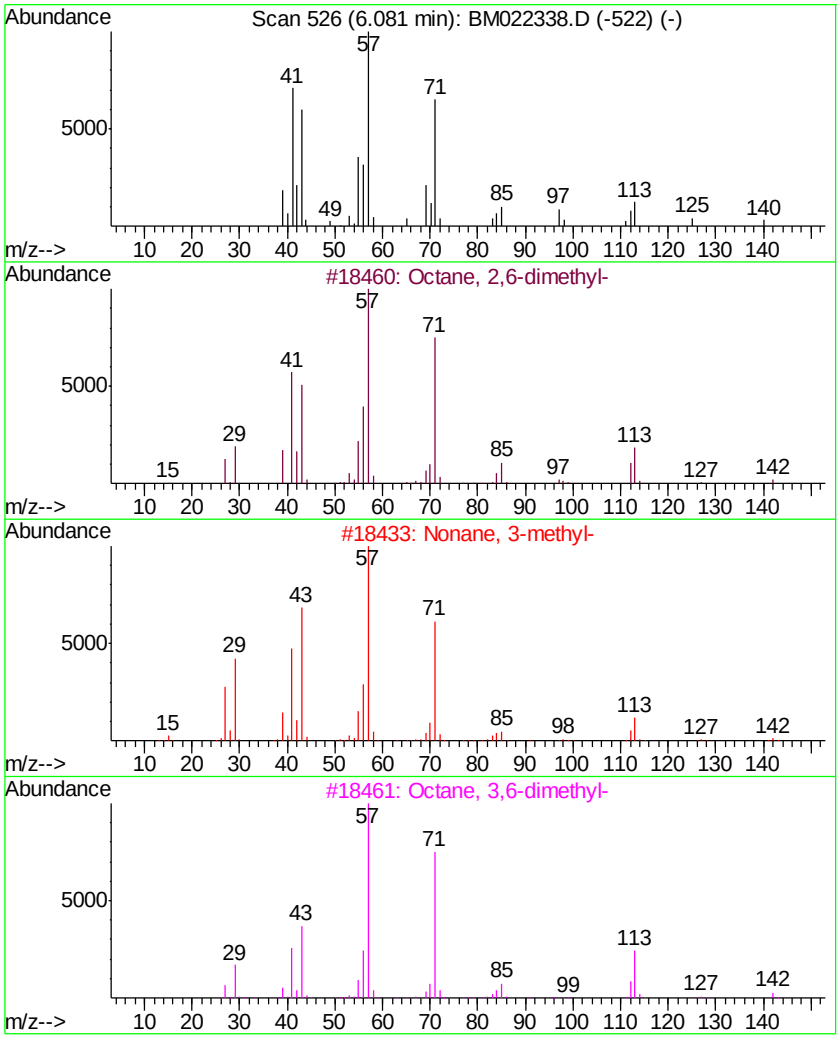
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

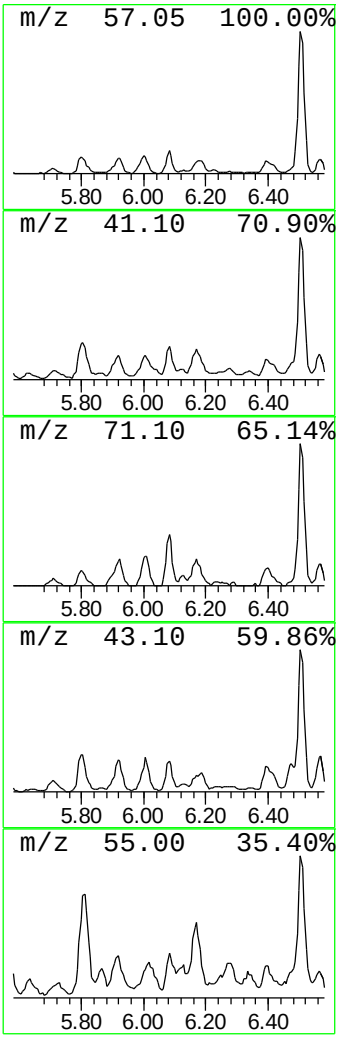
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	4.25 ng/ul	82921	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59





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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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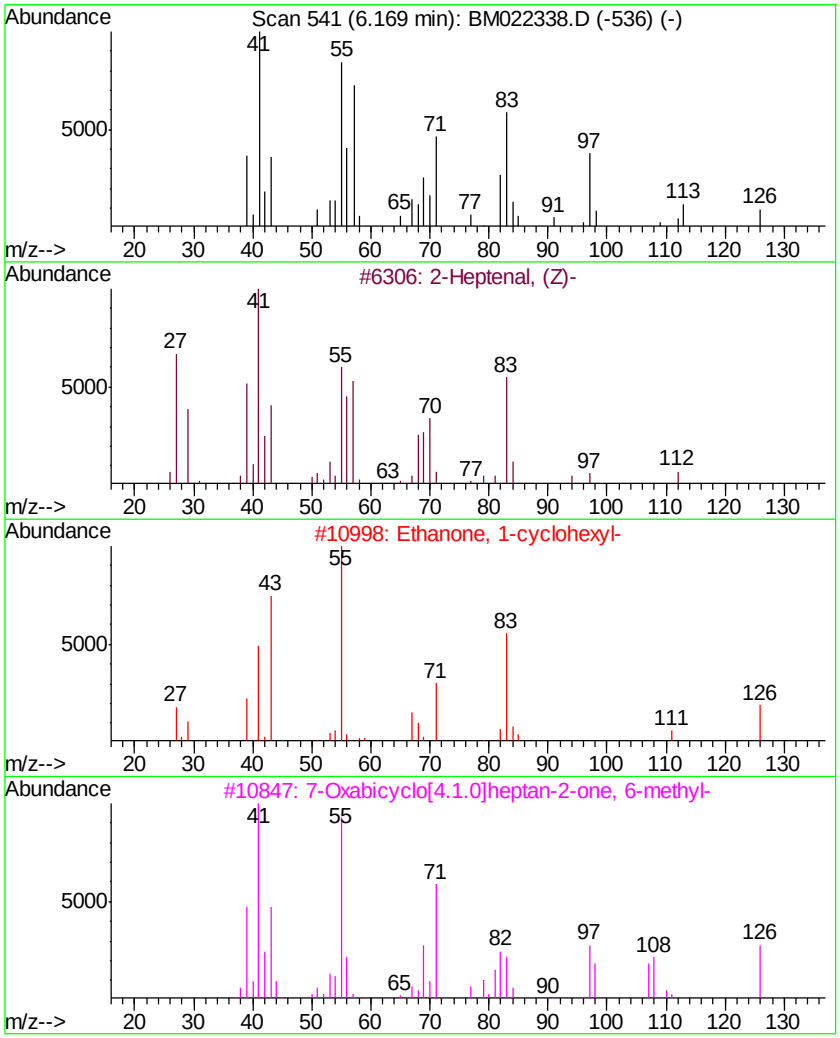
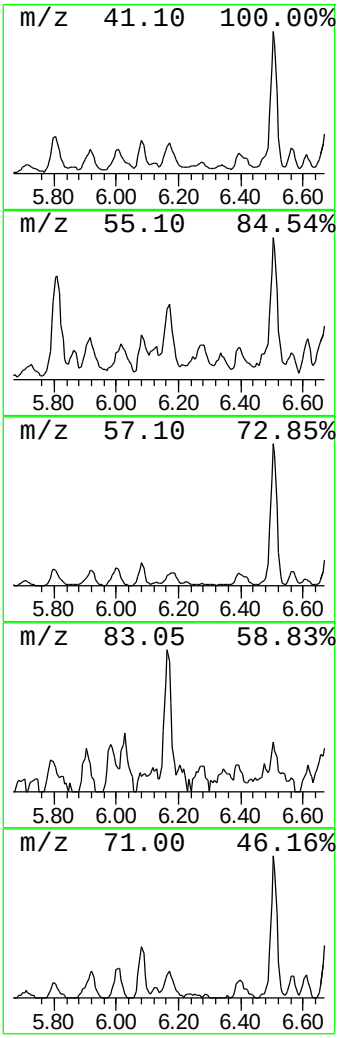
Peak Number 22 unknown-03 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	6.39 ng/ul	124649	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	43
2	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	43
3	7-Oxabicyclo[4.1.0]heptan-2-one,...	126	C7H10O2	021889-89-4	38
4	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	38
5	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	38





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Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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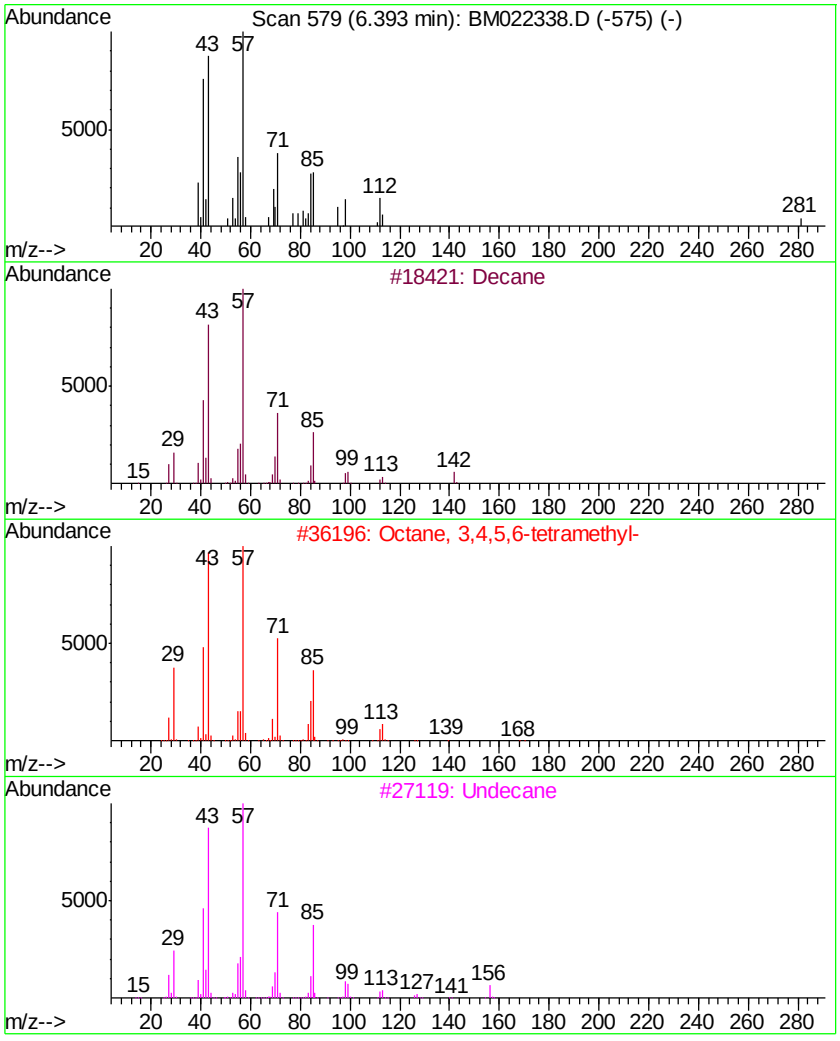
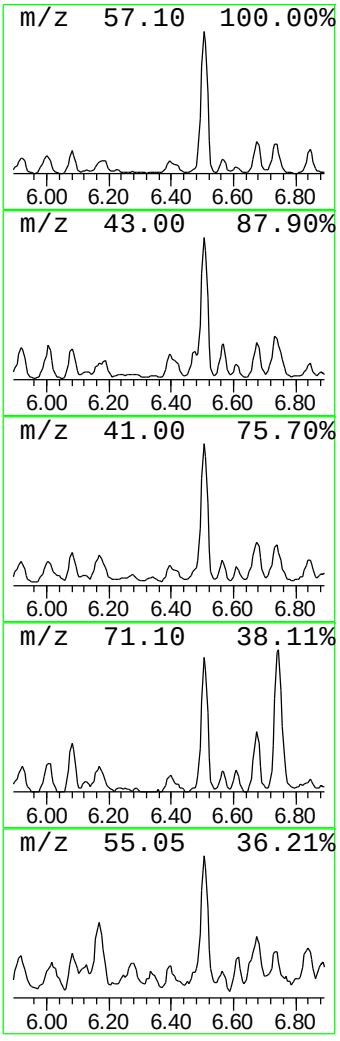
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	4.80 ng/ul	93605	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	50
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
3	Undecane	156	C11H24	001120-21-4	50
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	47
5	Decane	142	C10H22	000124-18-5	47





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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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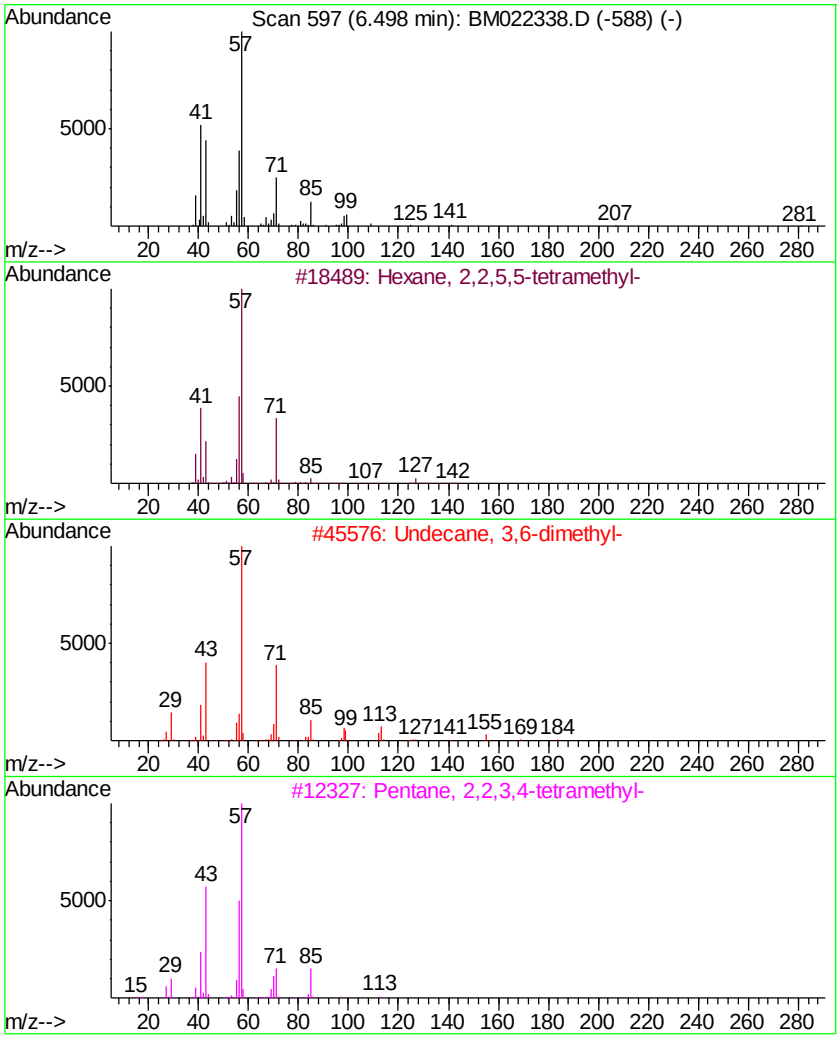
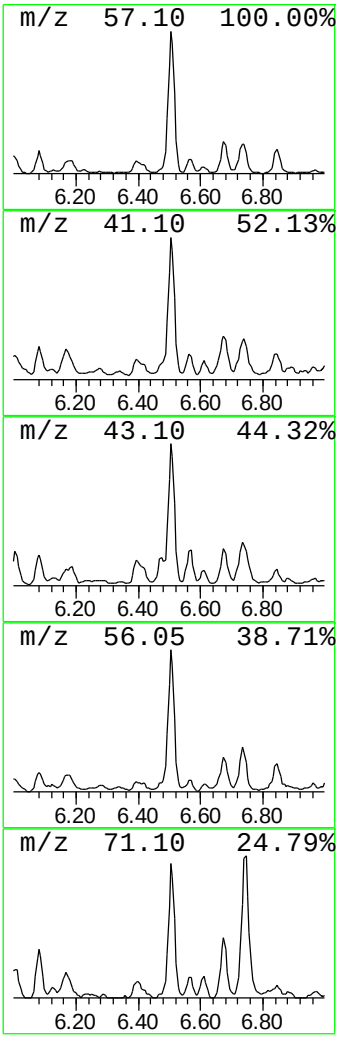
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	25.30 ng/ul	493310	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47





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Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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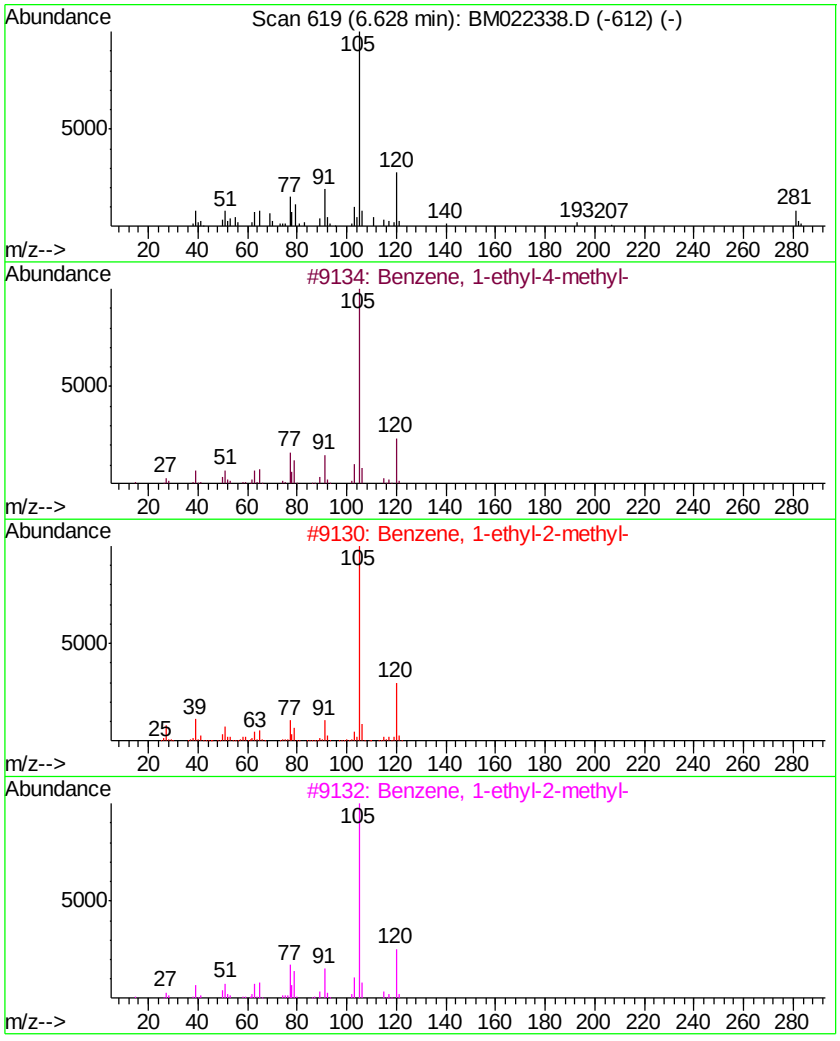
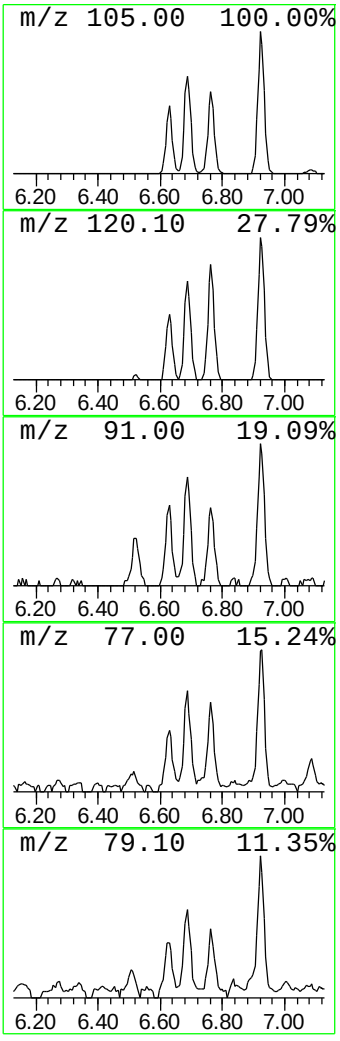
Peak Number 25 Benzene, 1-ethyl-4-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	8.43 ng/ul	164354	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	76
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76





Library Search Compound Report

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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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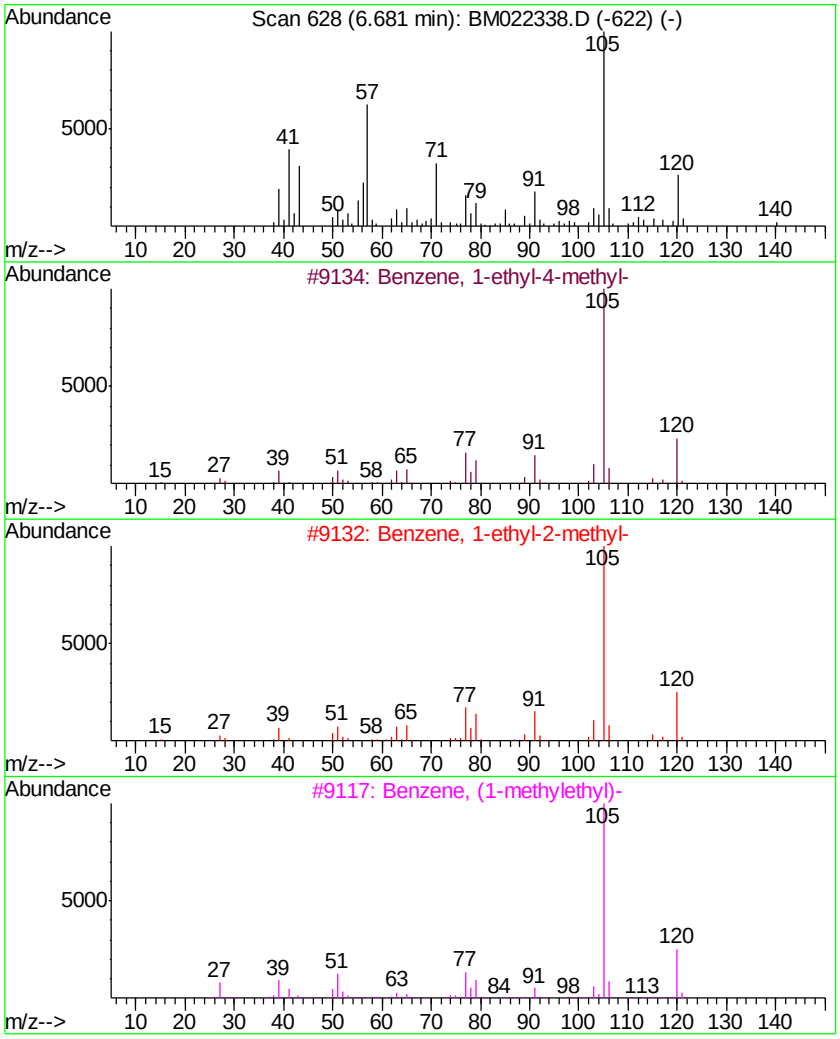
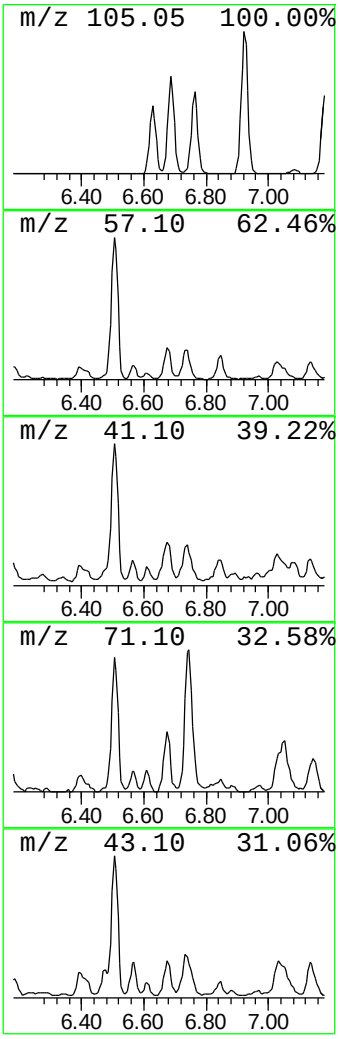
Peak Number 26 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	15.90 ng/ul	309940	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	89
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	55
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55





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Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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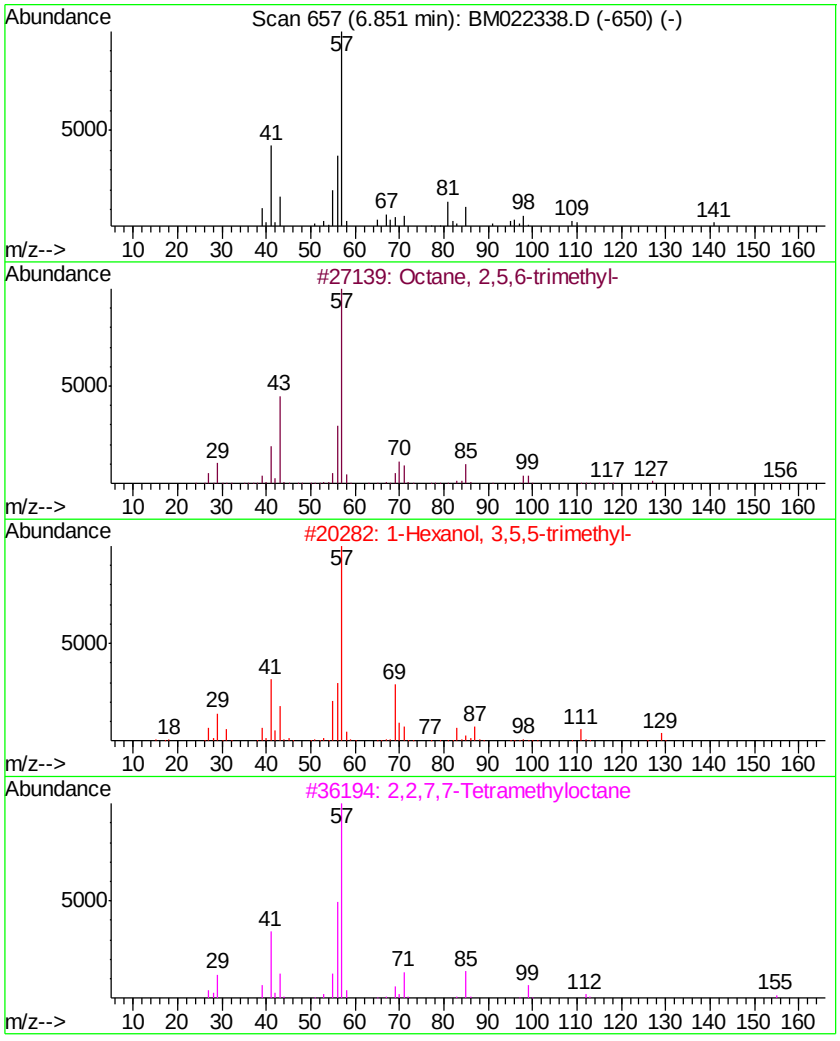
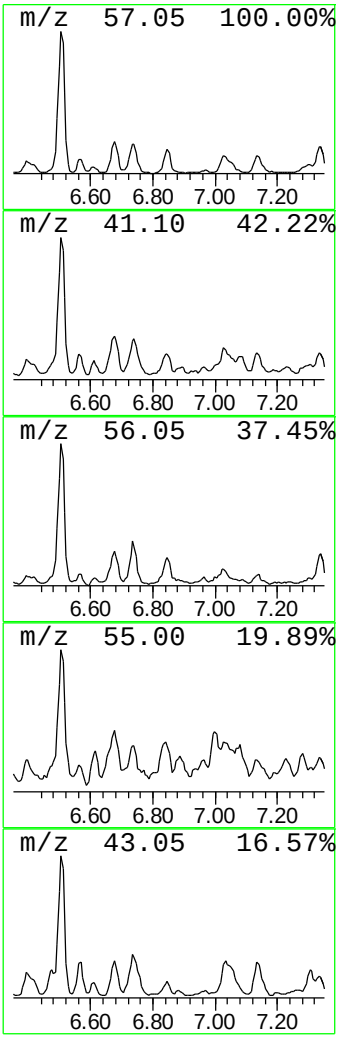
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	4.74 ng/ul	92312	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	50
2	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	50
3	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	45
4	Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	40
5	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	40





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Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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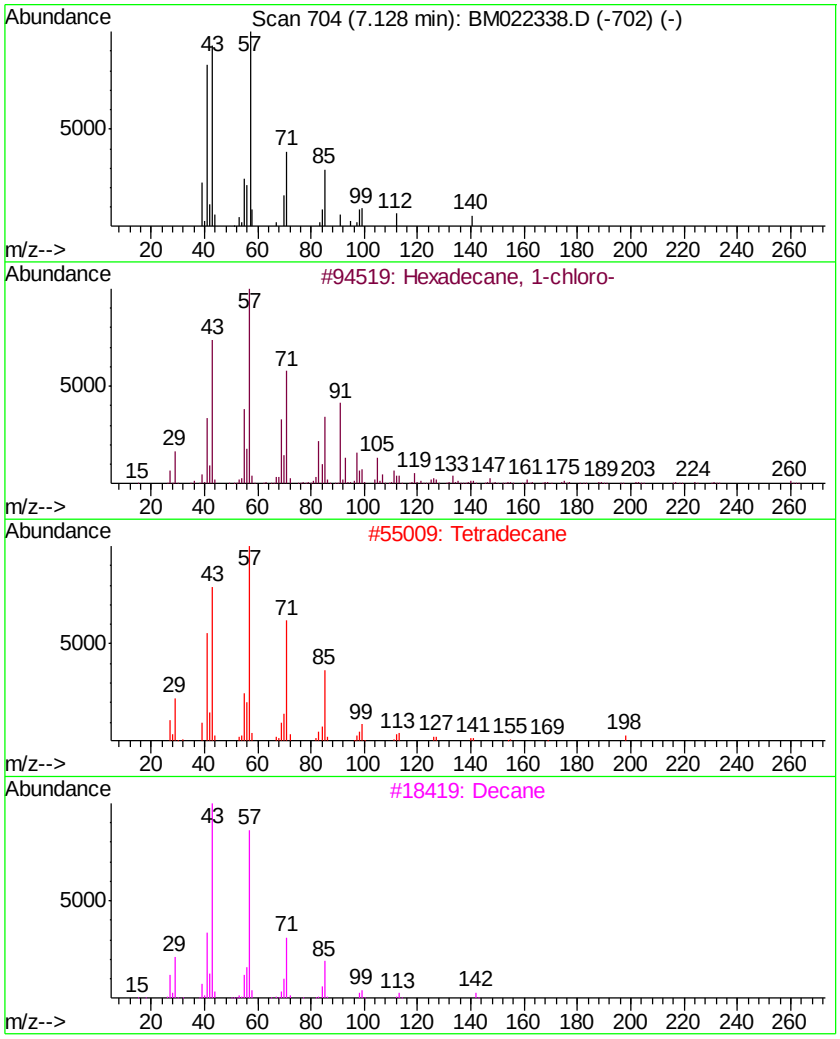
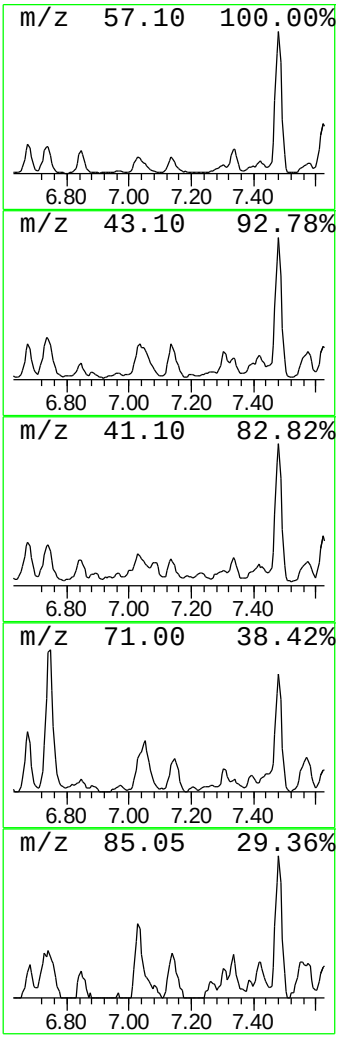
Peak Number 28 Hexadecane, 1-chloro- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	3.81 ng/ul	74259	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	83
2	Tetradecane	198	C14H30	000629-59-4	83
3	Decane	142	C10H22	000124-18-5	78
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
5	Undecane	156	C11H24	001120-21-4	78





Library Search Compound Report

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Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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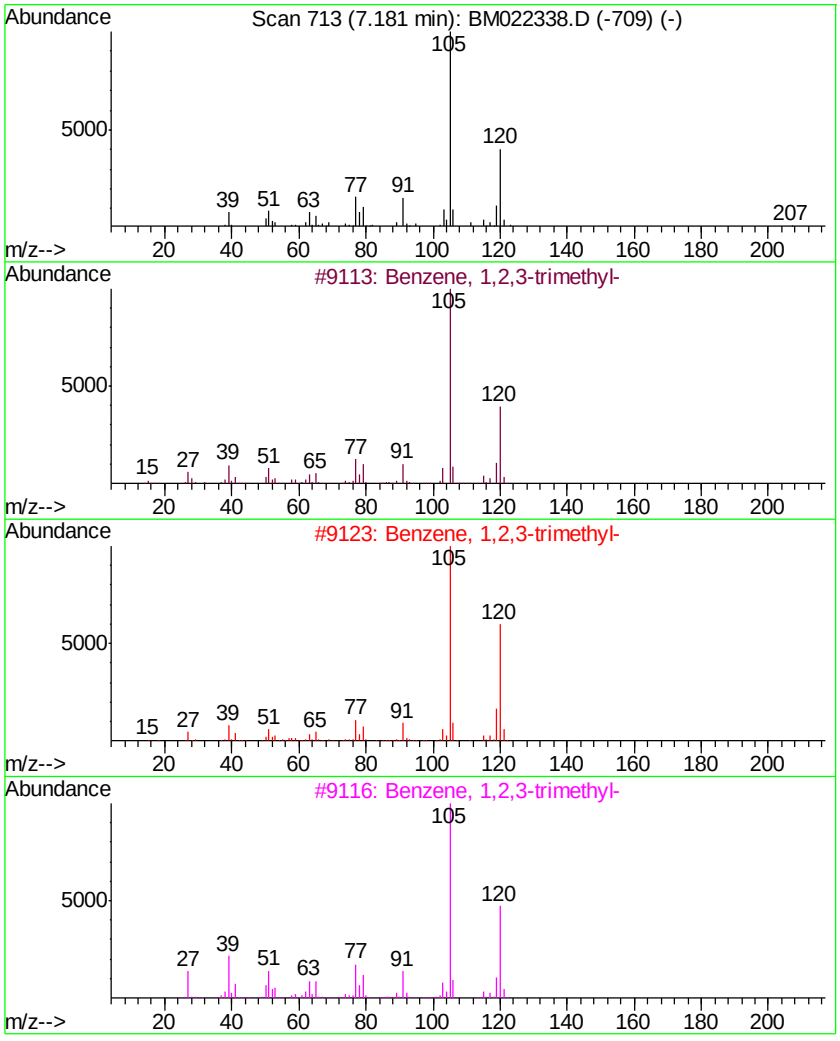
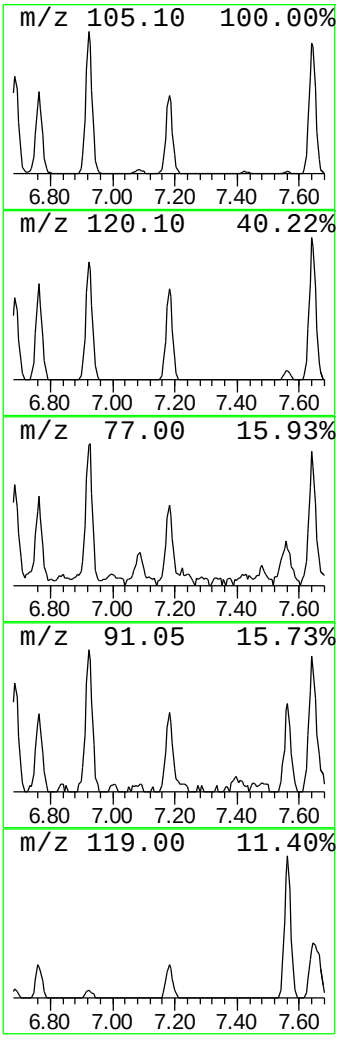
Peak Number 29 Benzene, 1,2,3-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	7.44 ng/ul	144969	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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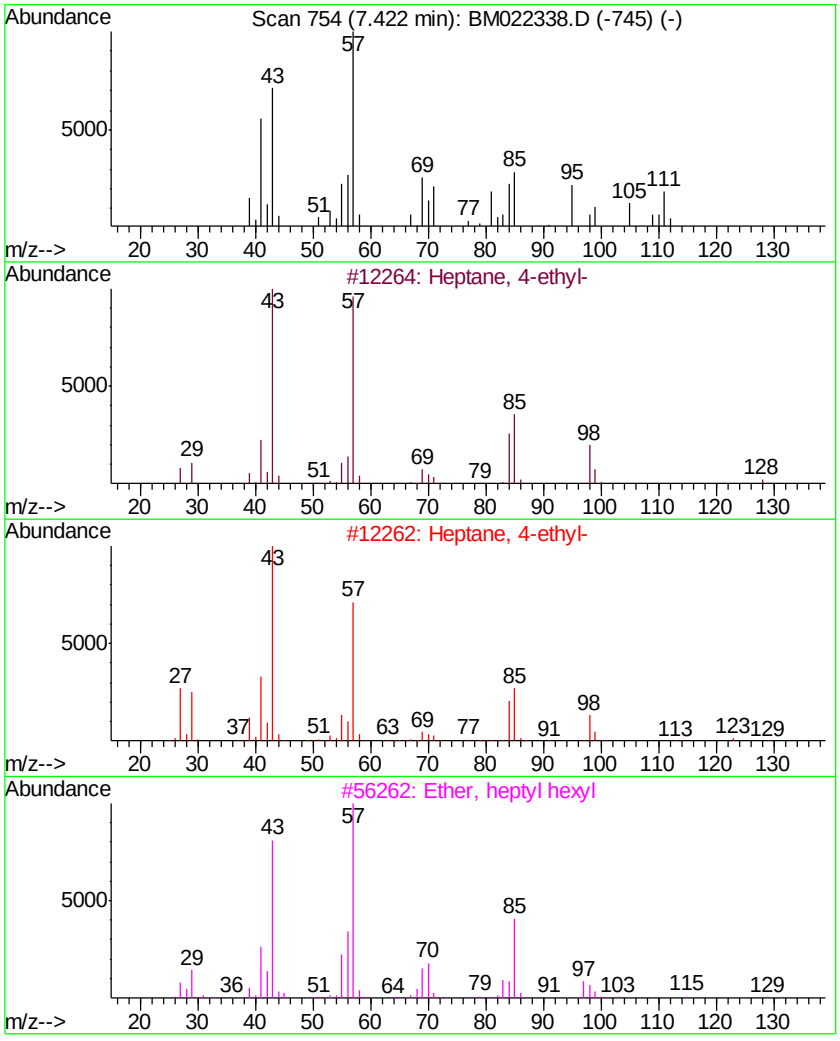
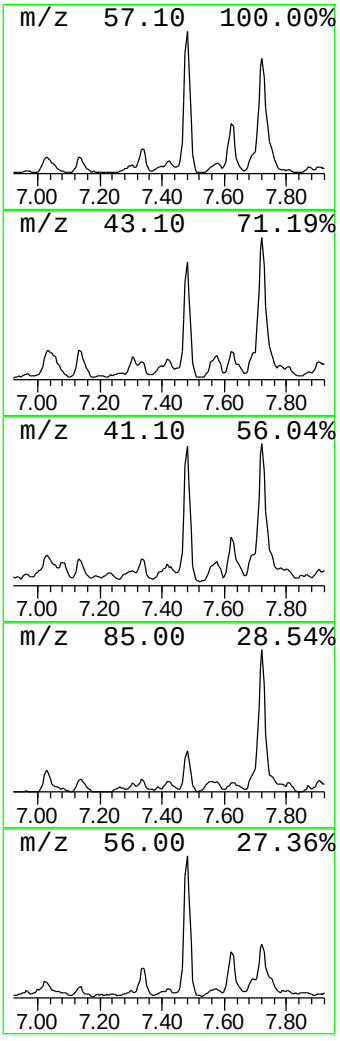
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	4.51 ng/ul	88000	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	35
3	Ether, heptyl hexyl	200	C13H28O	007289-40-9	35
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	27
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	27





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Acq On : 26 Aug 2019 19:34
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Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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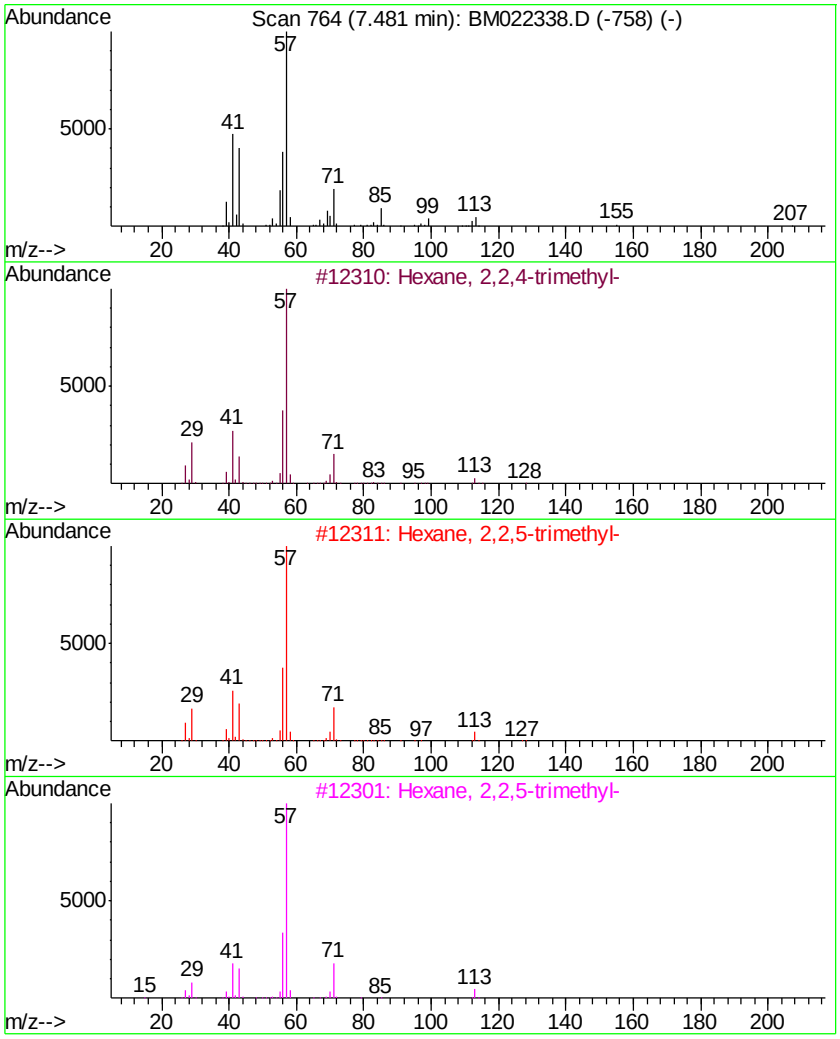
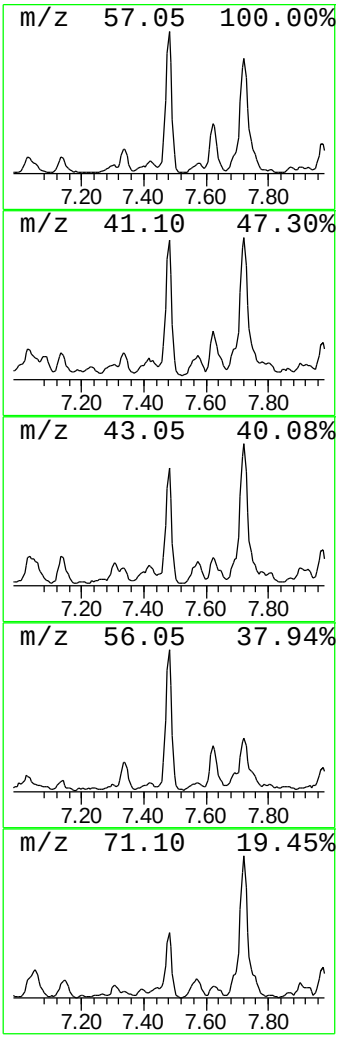
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	23.61 ng/ul	460189	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	53





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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

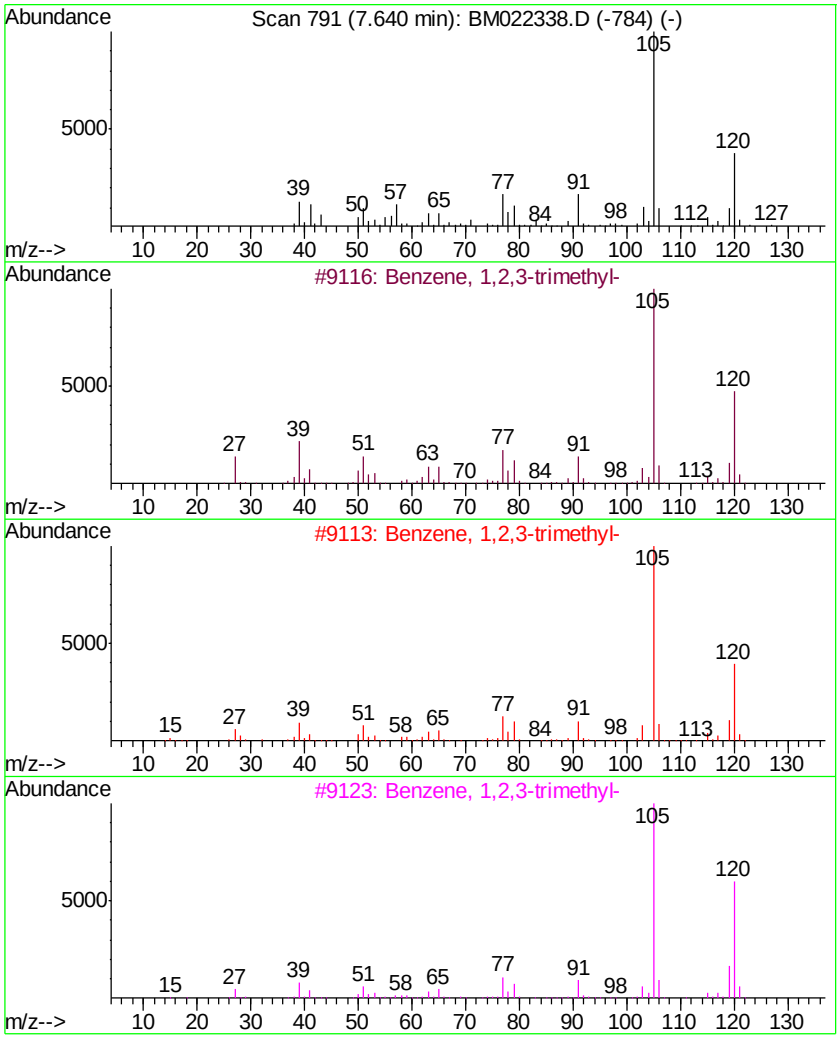
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

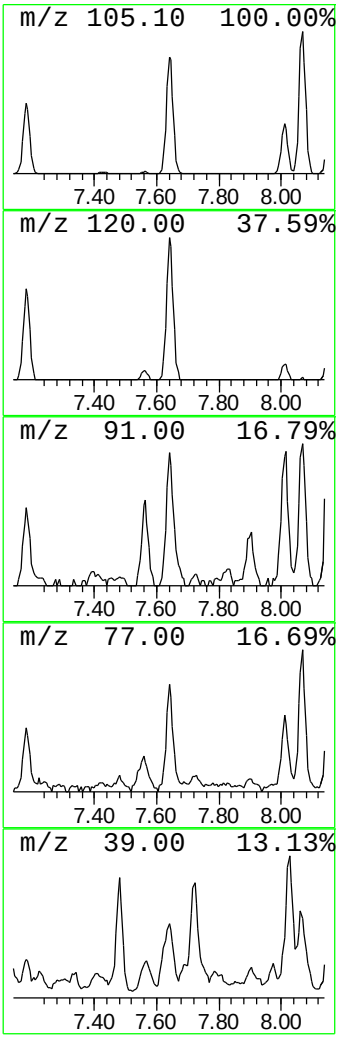
****

Peak Number 32 Benzene, 1,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	20.66 ng/ul	402809	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93





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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

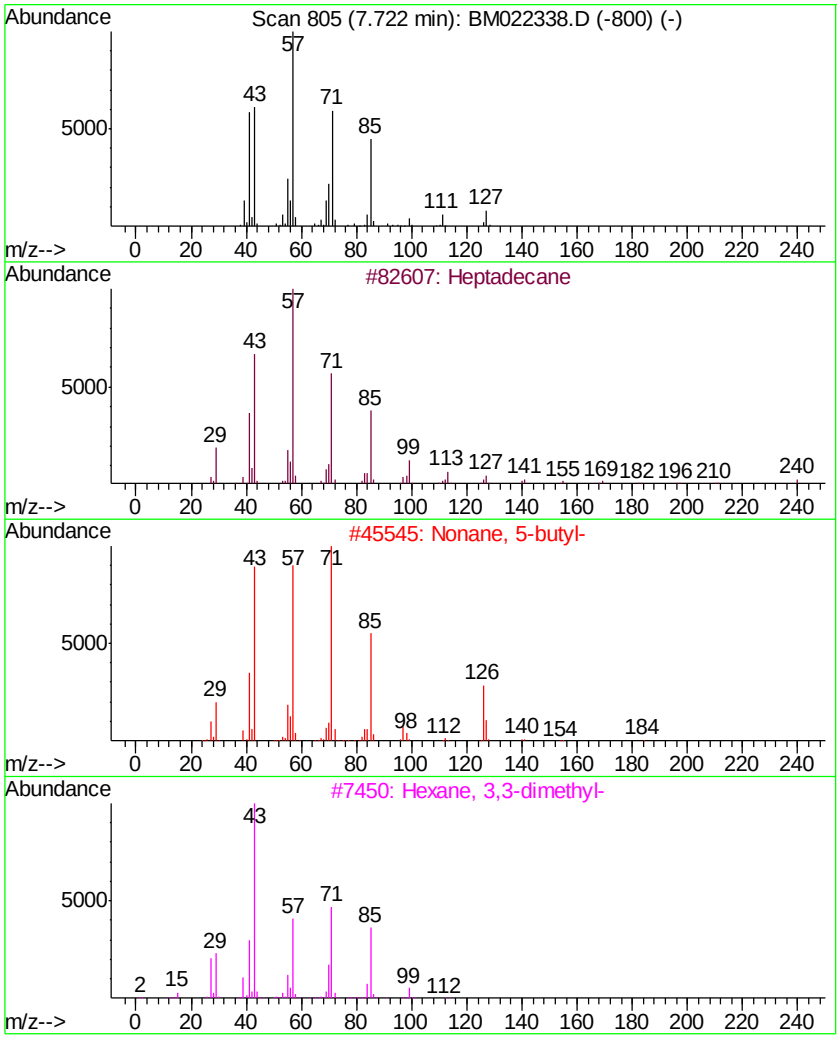
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

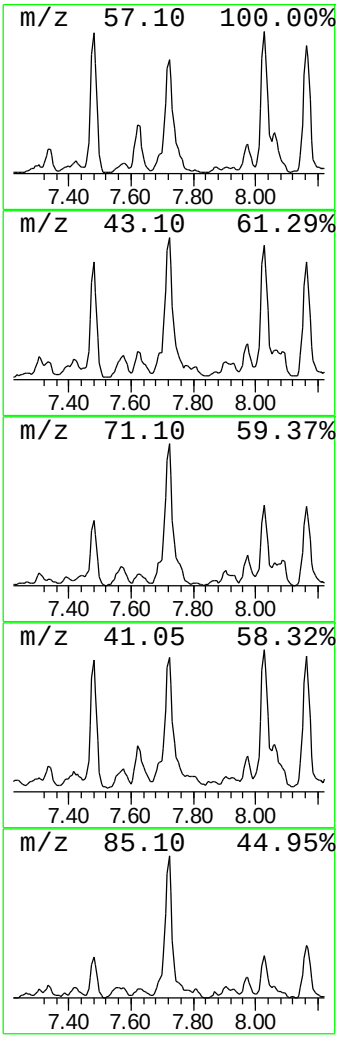
****

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	28.34 ng/ul	552408	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	53
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50





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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

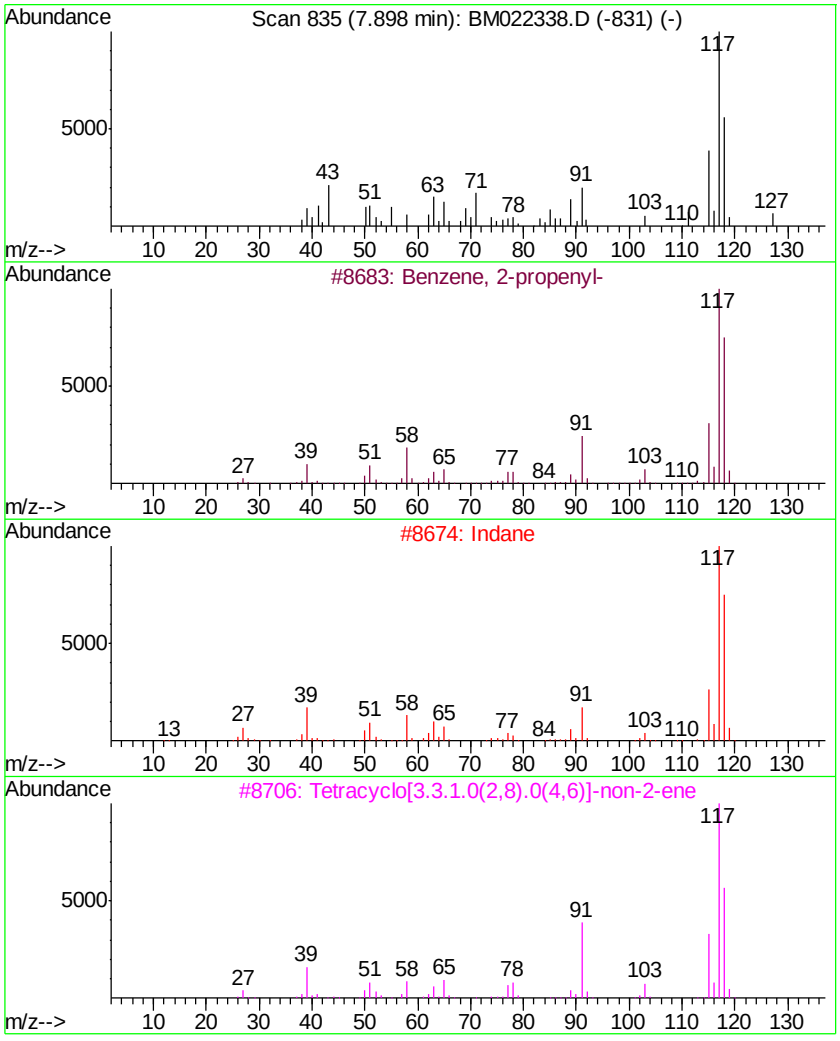
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

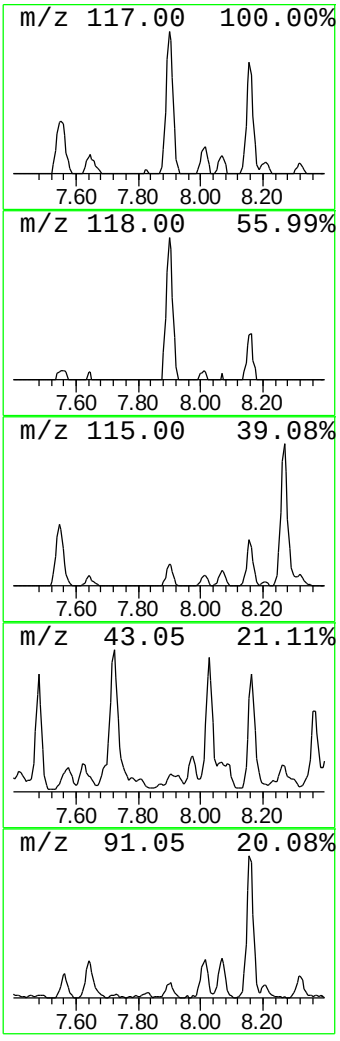
****

Peak Number 34 Benzene, 2-propenyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	4.85 ng/ul	94516	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
2	Indane	118	C9H10	000496-11-7	53
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	49
4	Indane	118	C9H10	000496-11-7	49
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	49





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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

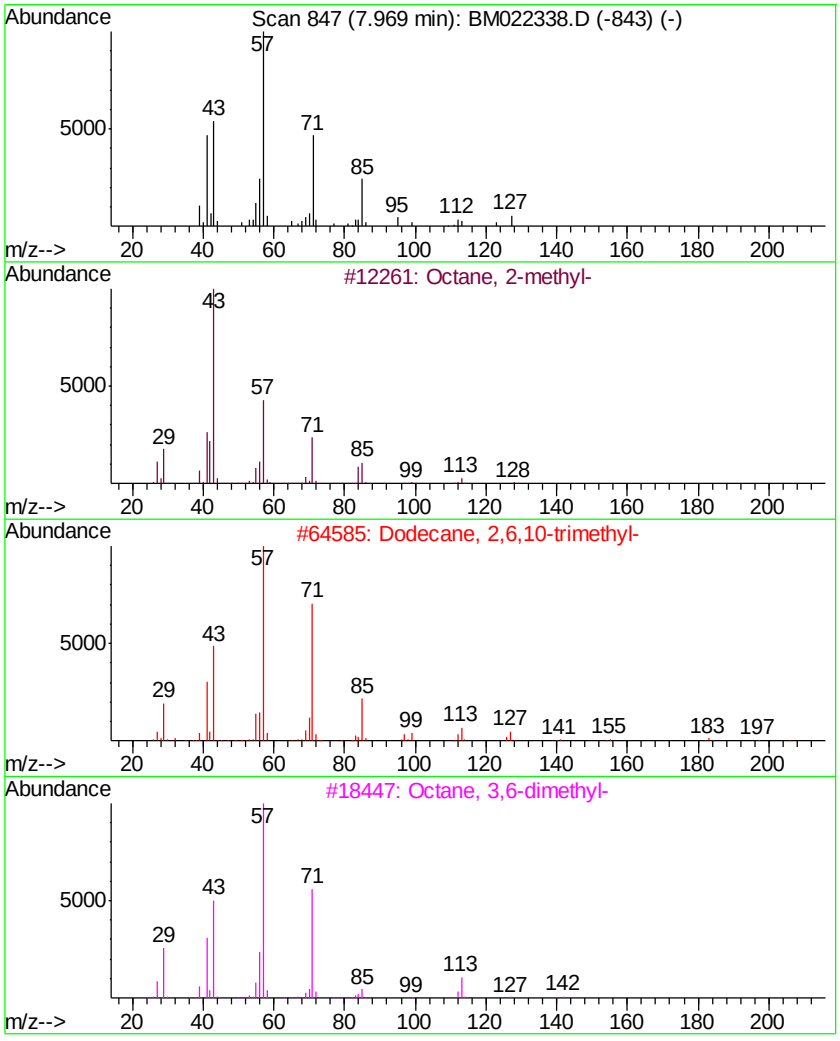
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

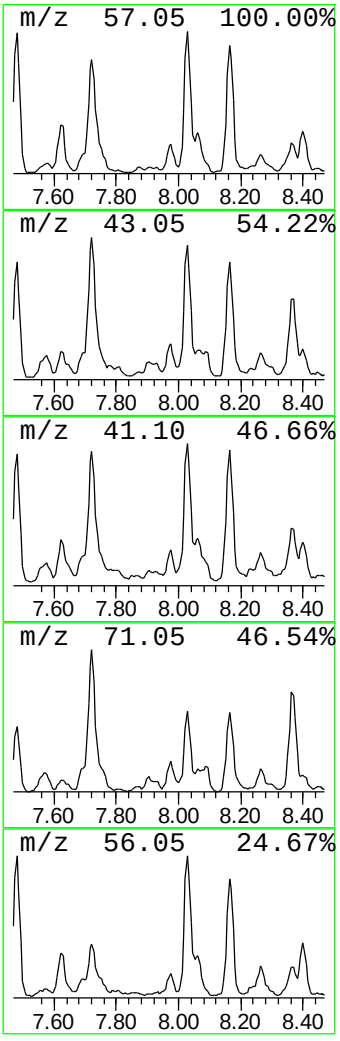
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	4.56 ng/ul	88910	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	78
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

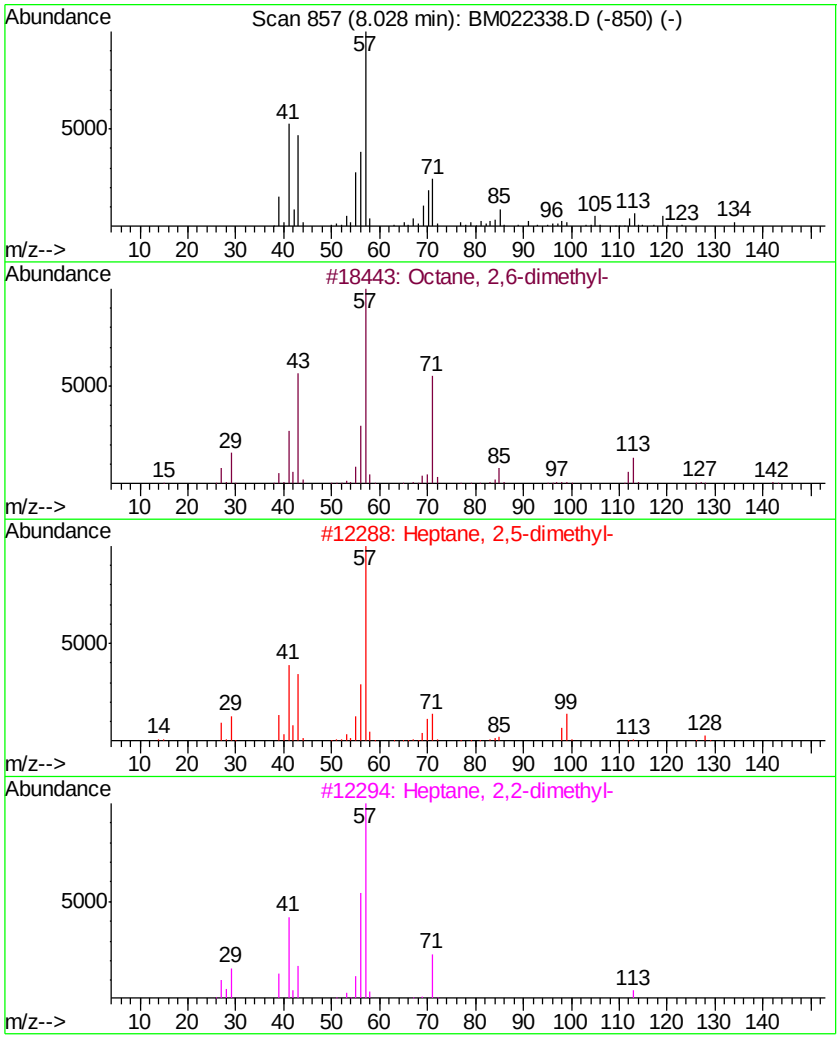
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

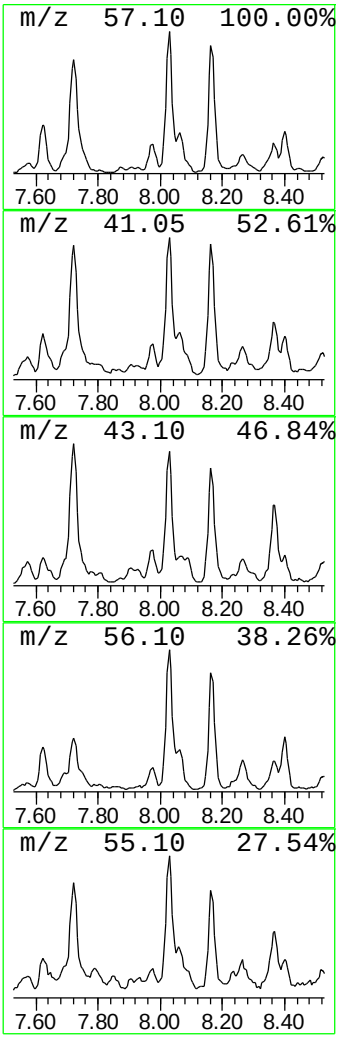
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	33.00 ng/ul	643289	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	43





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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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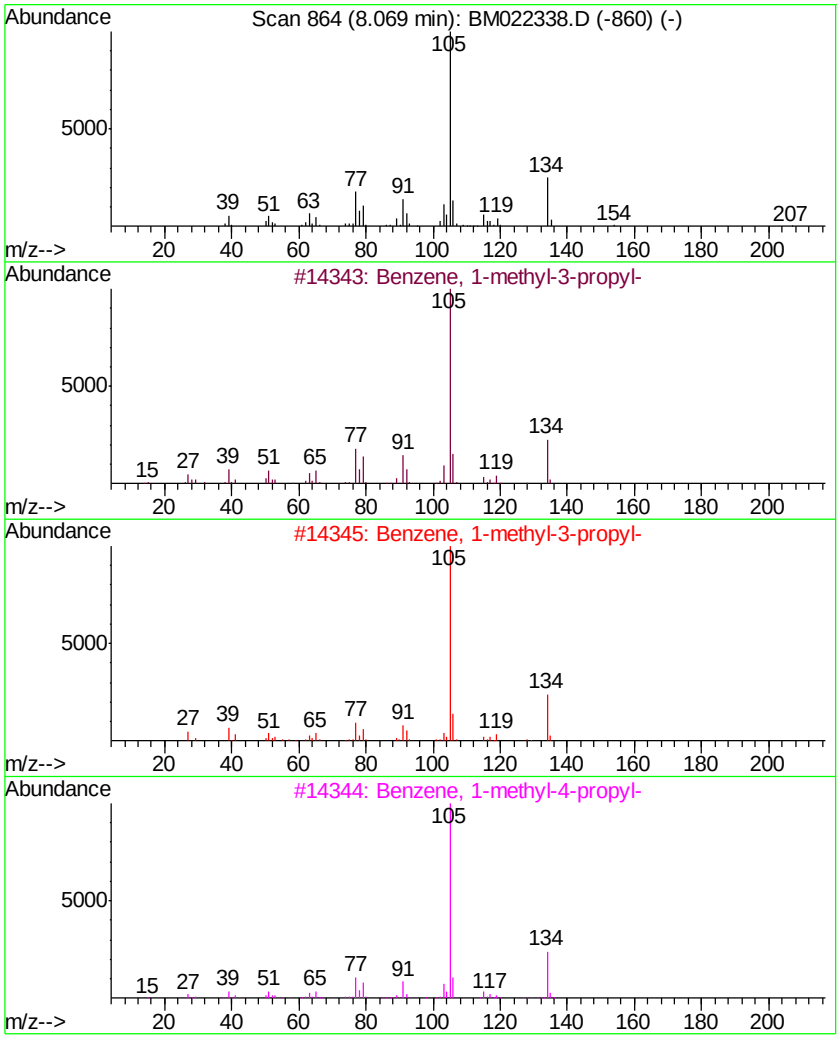
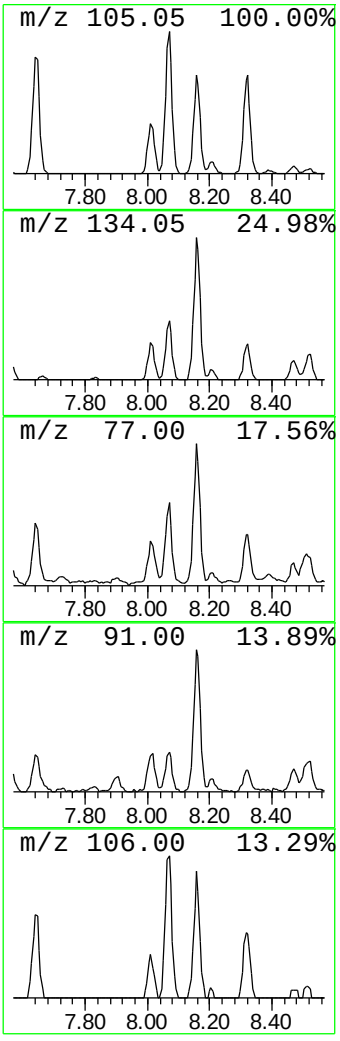
Peak Number 37 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	23.82 ng/ul	464425	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	2-Tolyloxirane	134	C9H10O	002783-26-8	87
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	83





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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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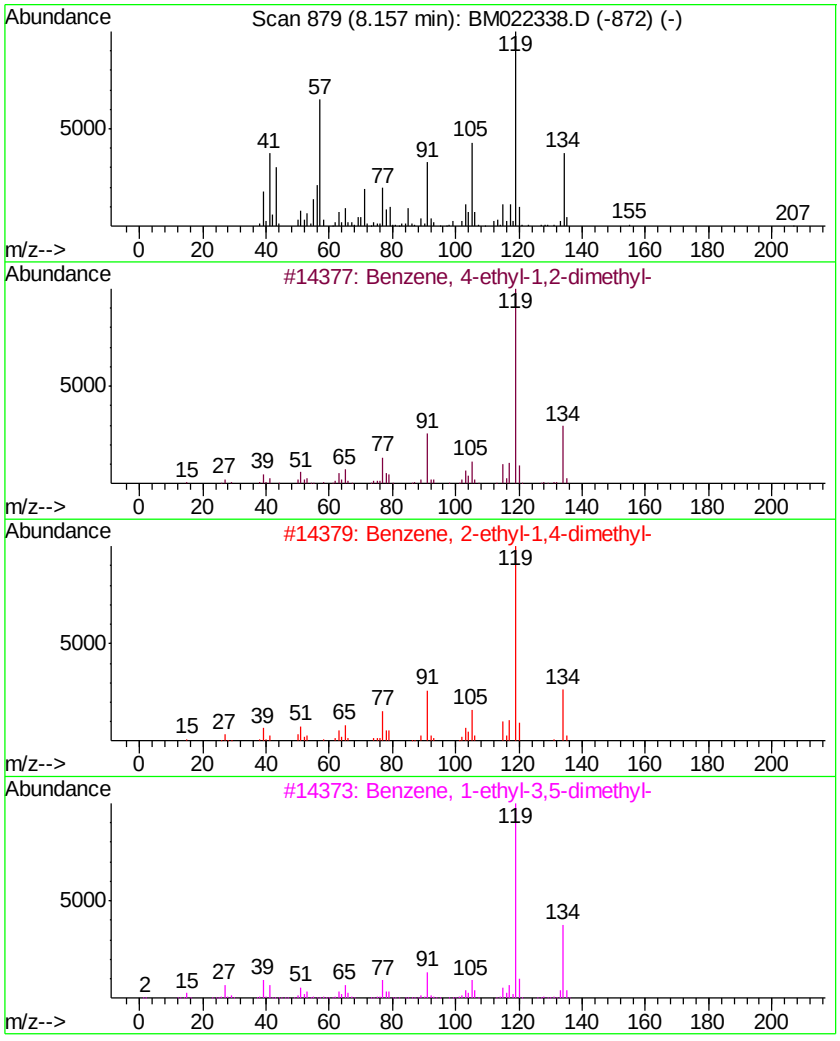
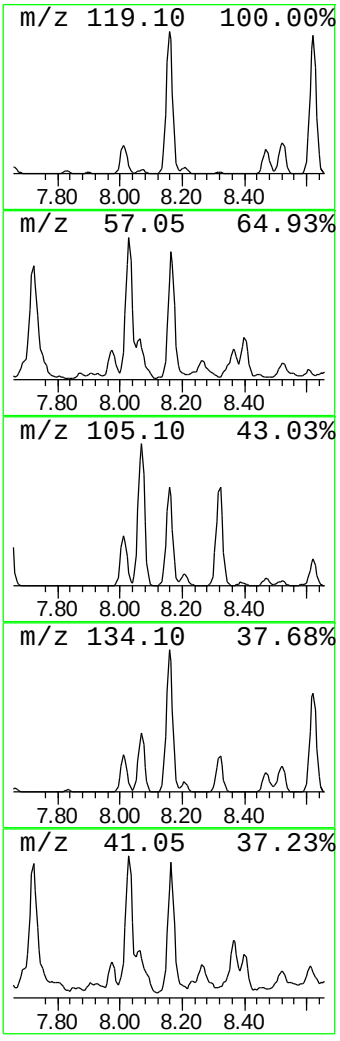
Peak Number 38 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	52.20 ng/ul	1017650	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	92
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	92
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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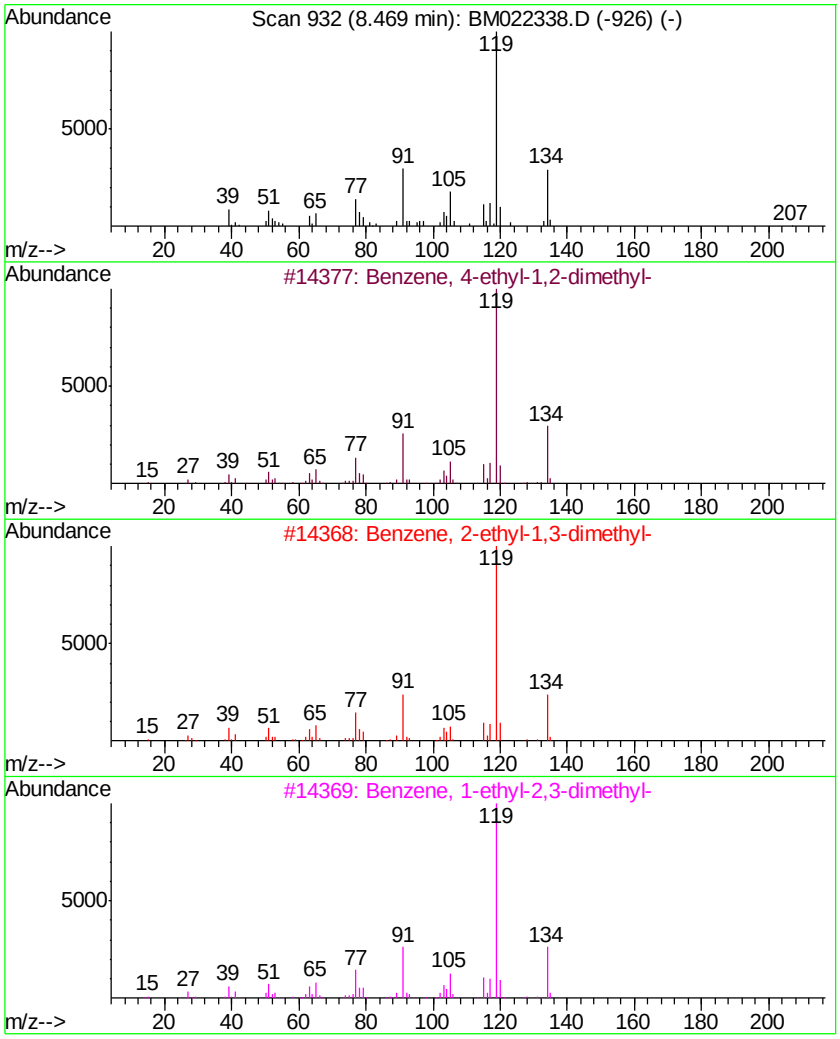
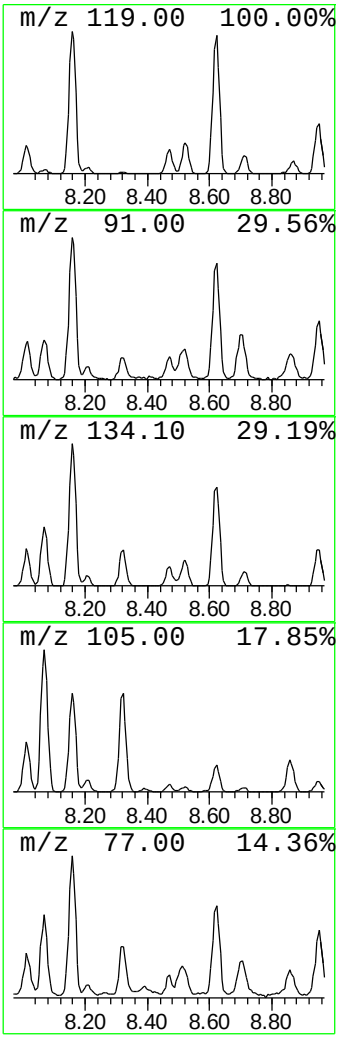
Peak Number 39 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	4.29 ng/ul	83552	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	97
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95





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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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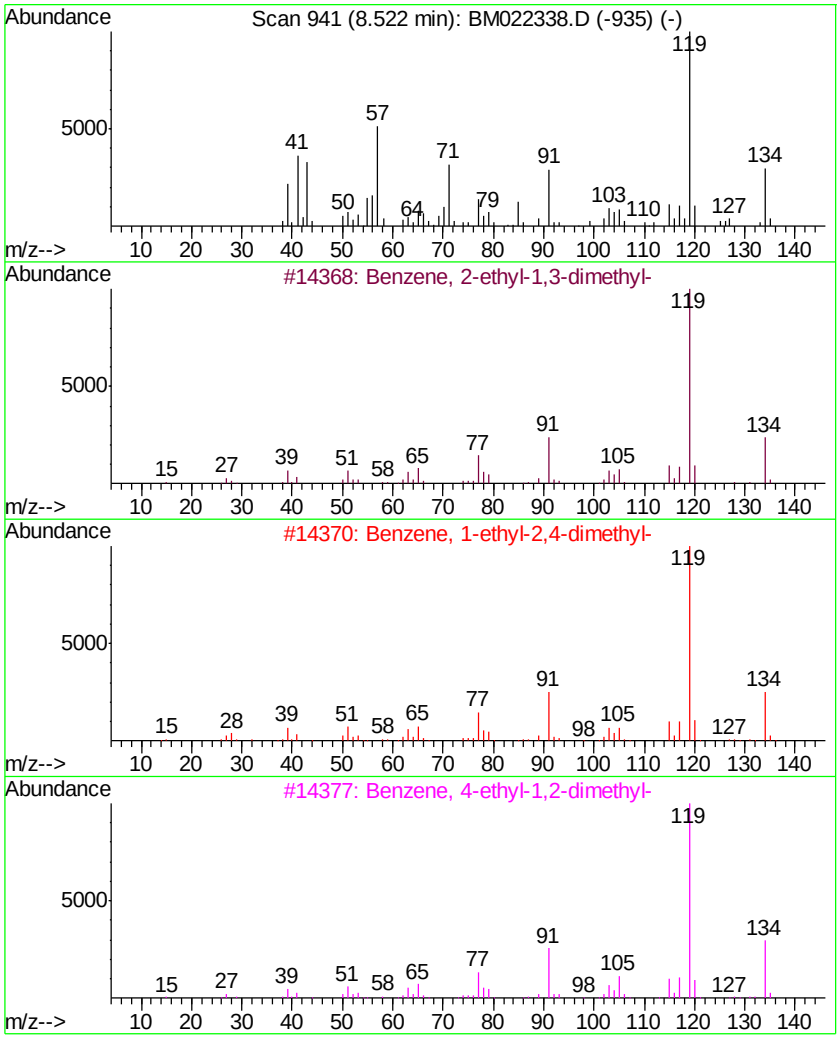
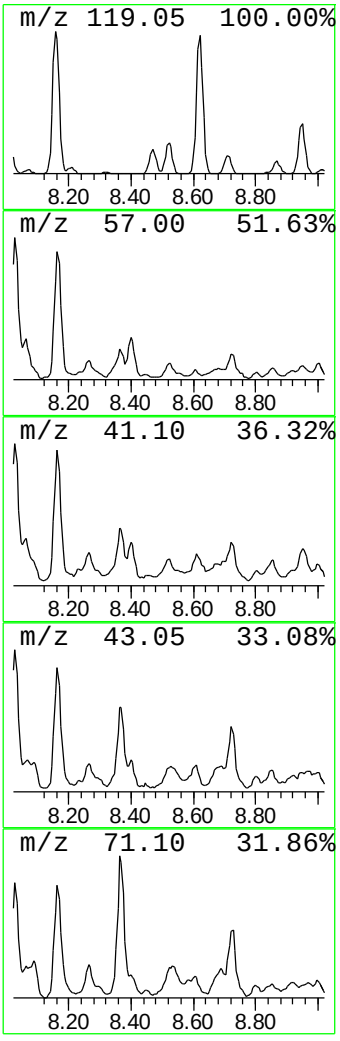
Peak Number 40 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	9.27 ng/ul	180813	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89





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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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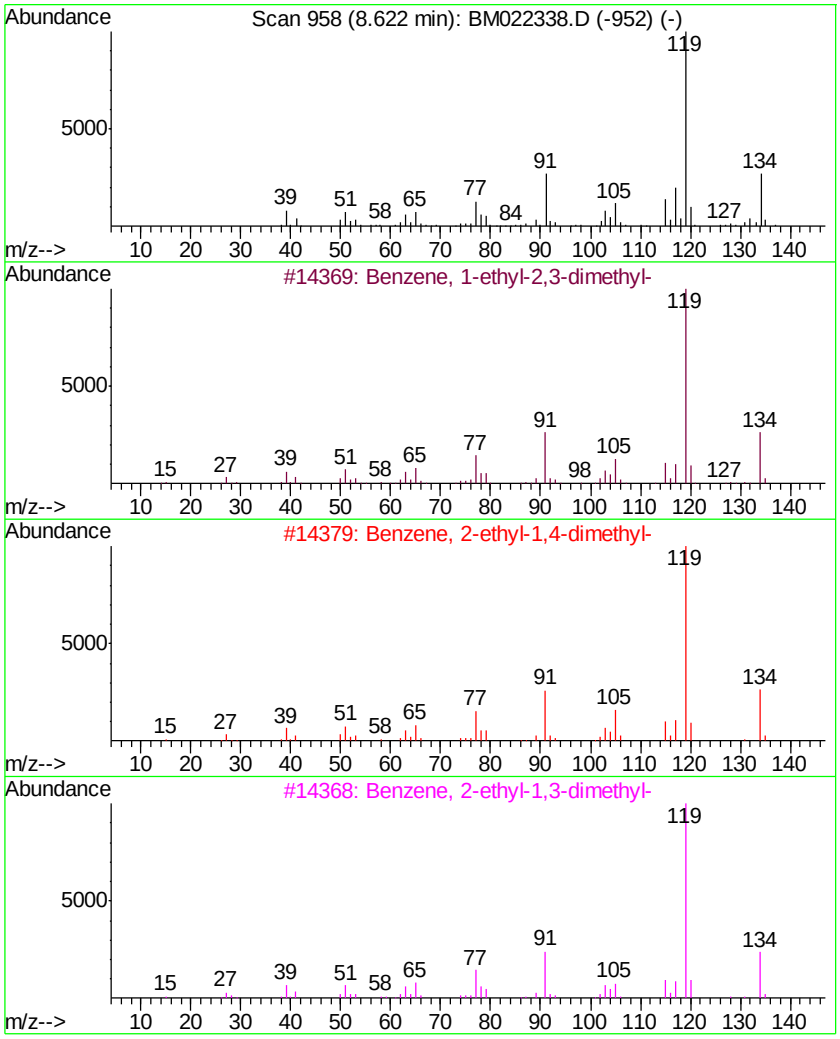
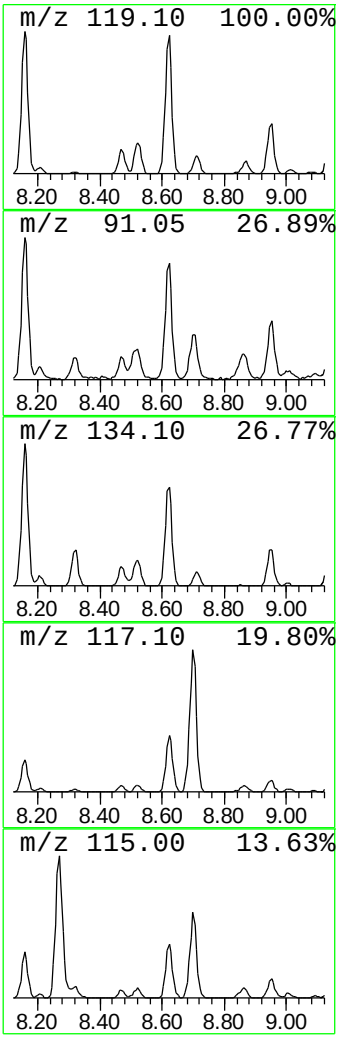
Peak Number 41 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	25.94 ng/ul	505700	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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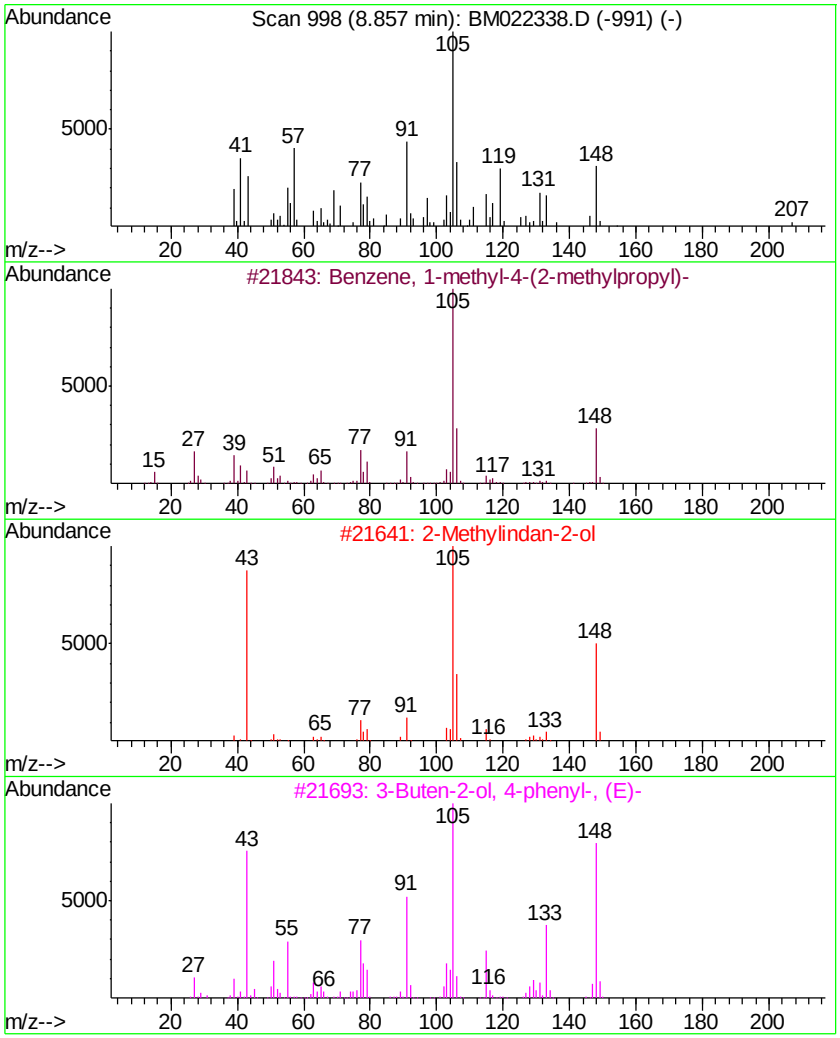
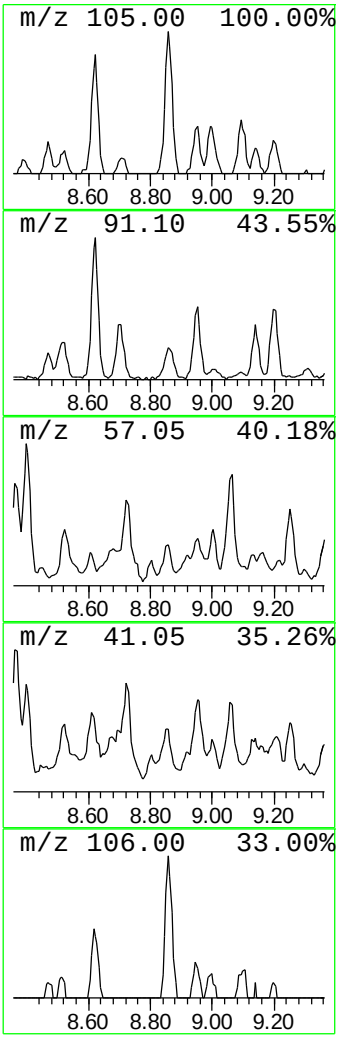
Peak Number 42 unknown-04 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	10.94 ng/ul	213253	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	43
2	2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
3	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	38
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	30
5	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	27





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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

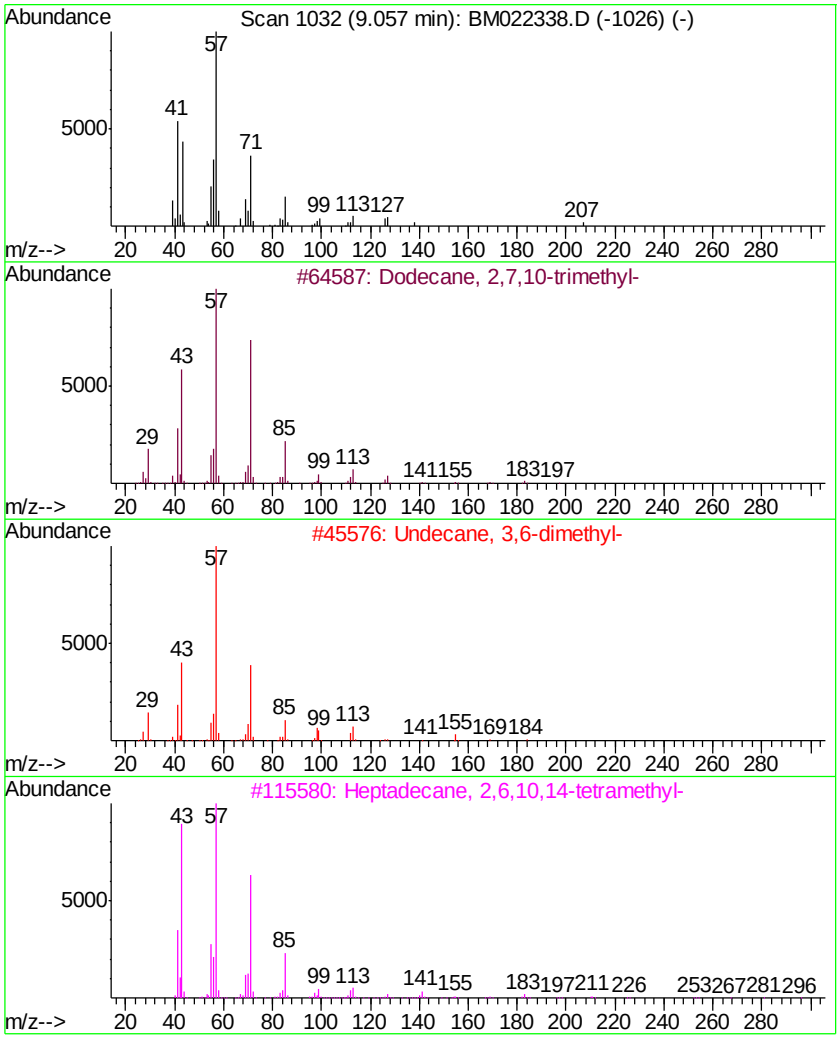
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

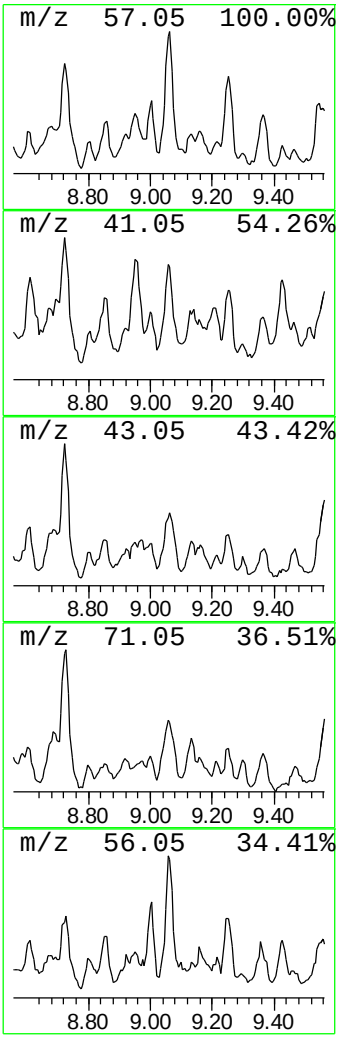
****

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	7.00 ng/ul	109607	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53





Library Search Compound Report

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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

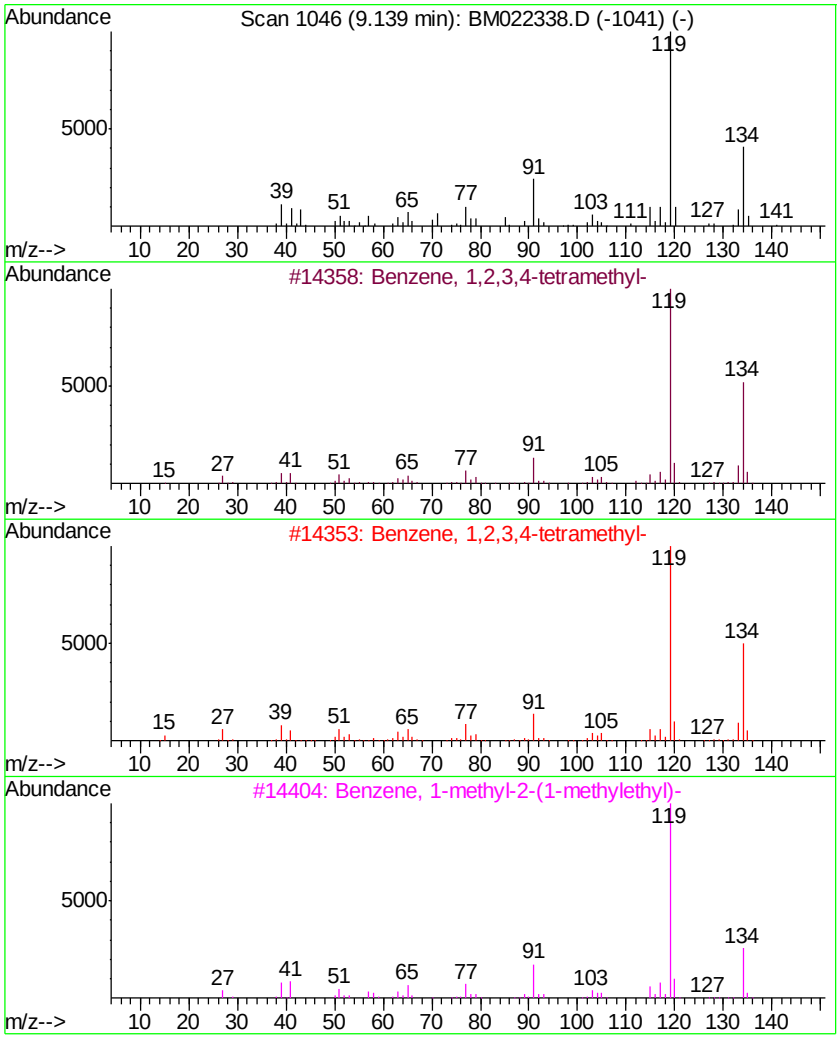
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

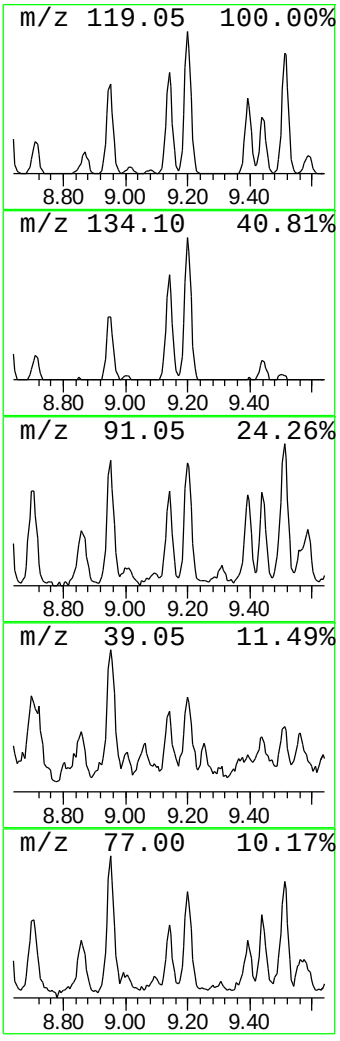
****

Peak Number 45 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	12.61 ng/ul	197432	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93





Library Search Compound Report

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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

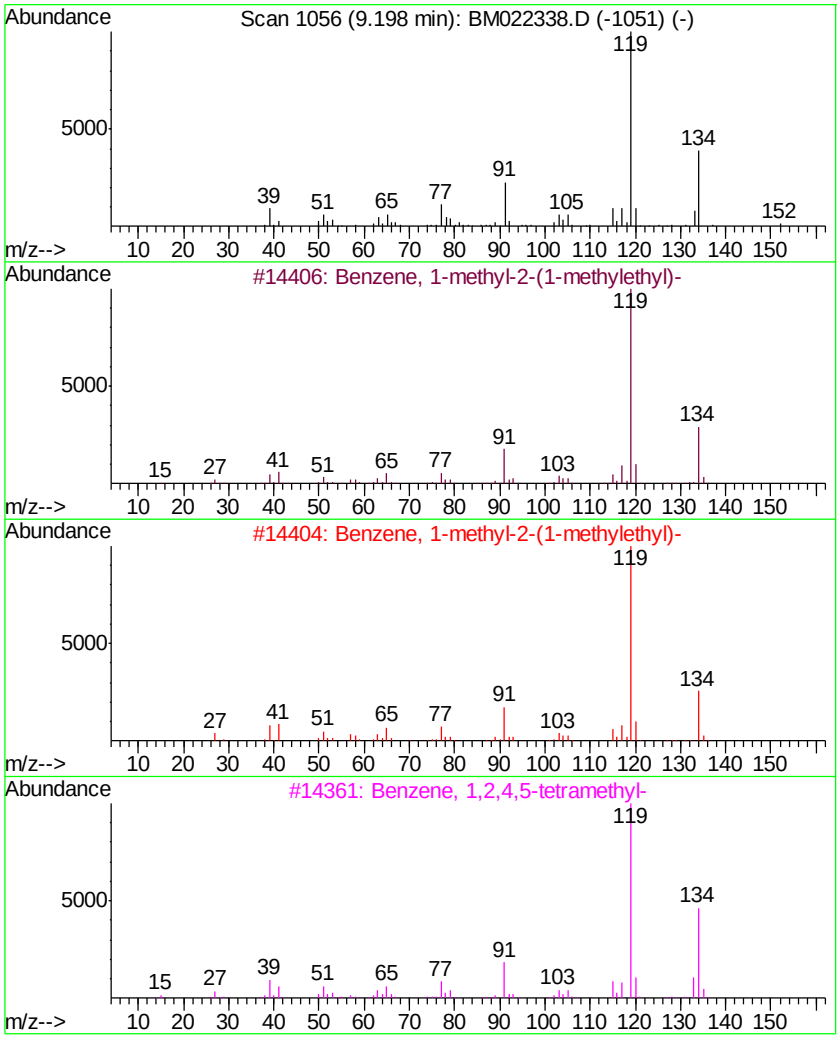
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

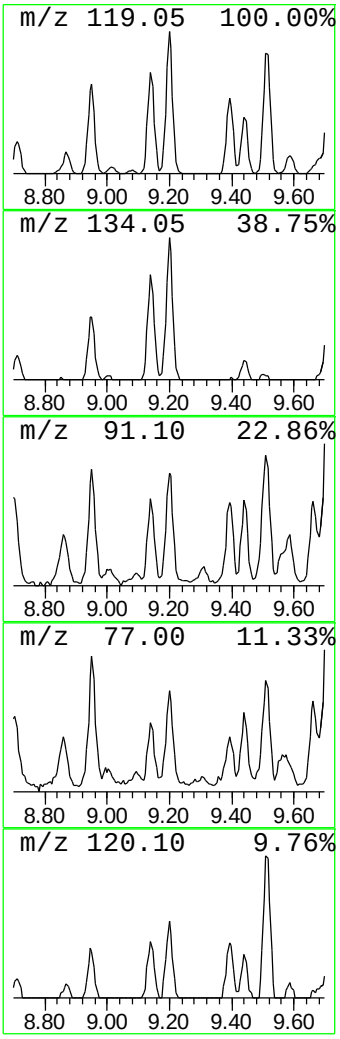
****

Peak Number 46 Benzene, 1-methyl-2-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	16.88 ng/ul	264255	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	94
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

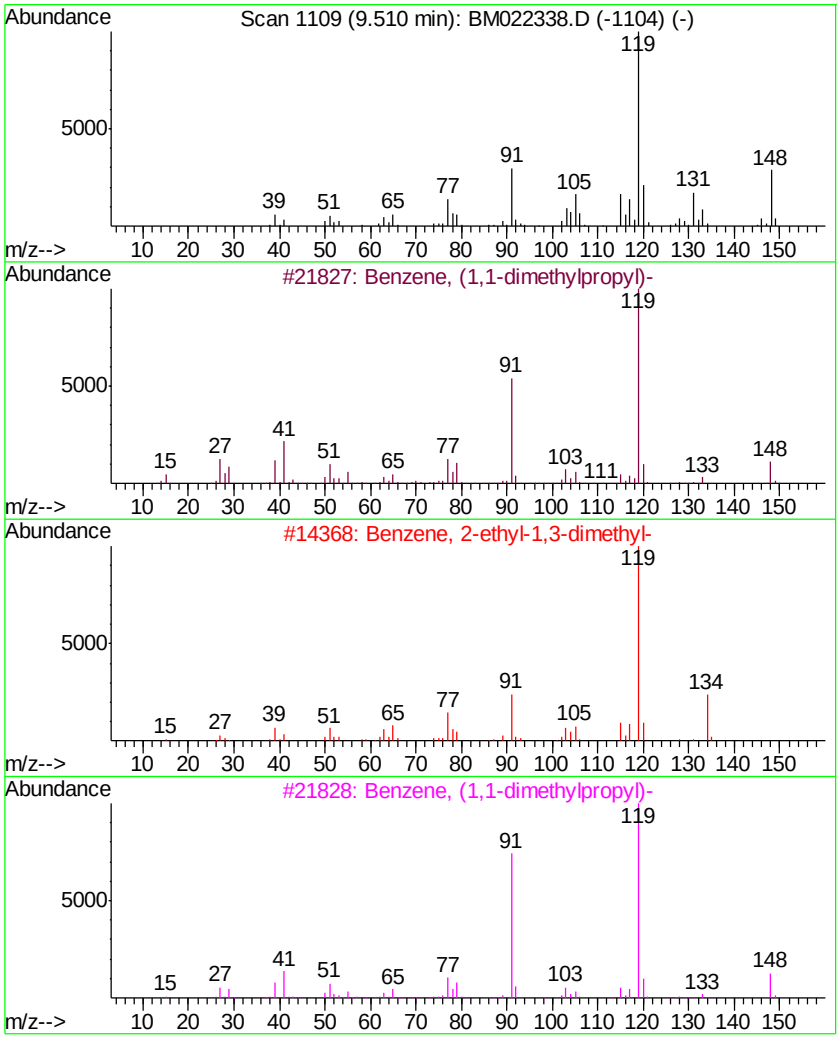
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

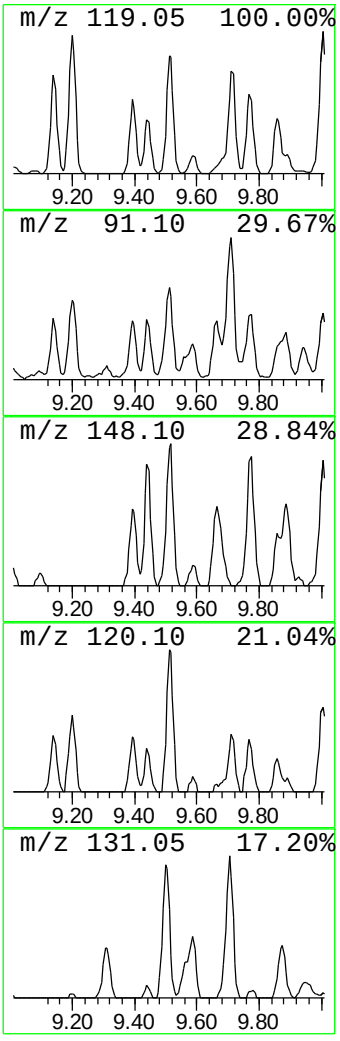
****

Peak Number 47 Benzene, (1,1-dimethylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	15.85 ng/ul	248166	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	53





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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

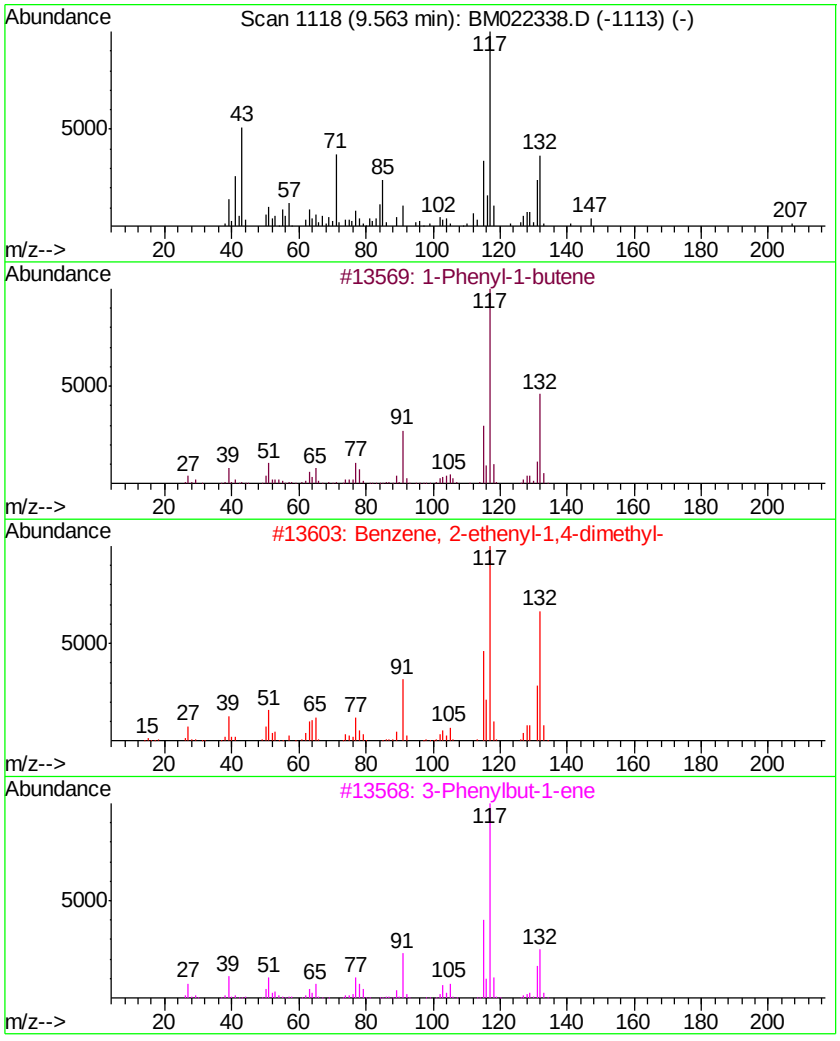
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

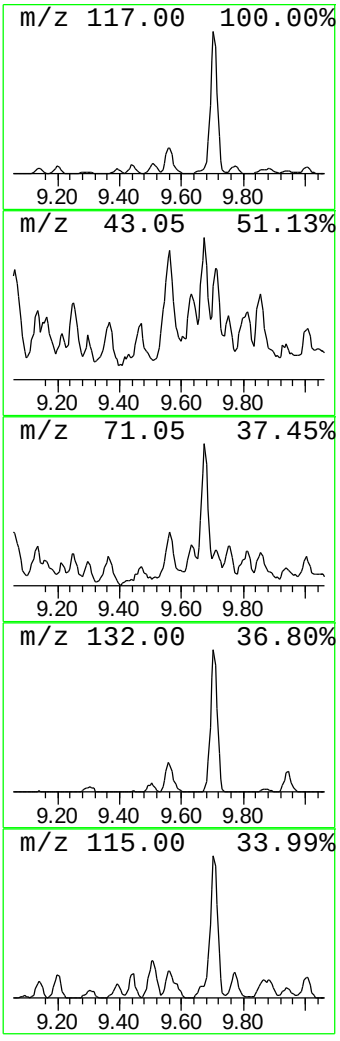
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	13.84 ng/ul	216604	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	62
5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	62





Library Search Compound Report

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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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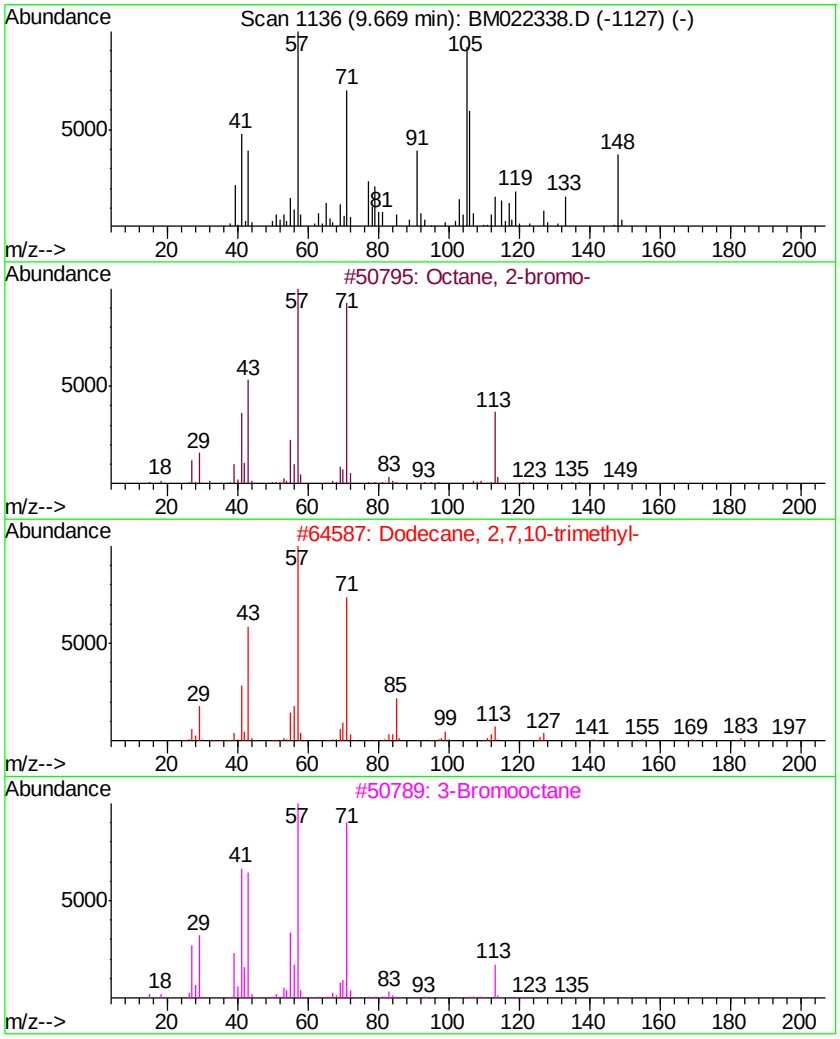
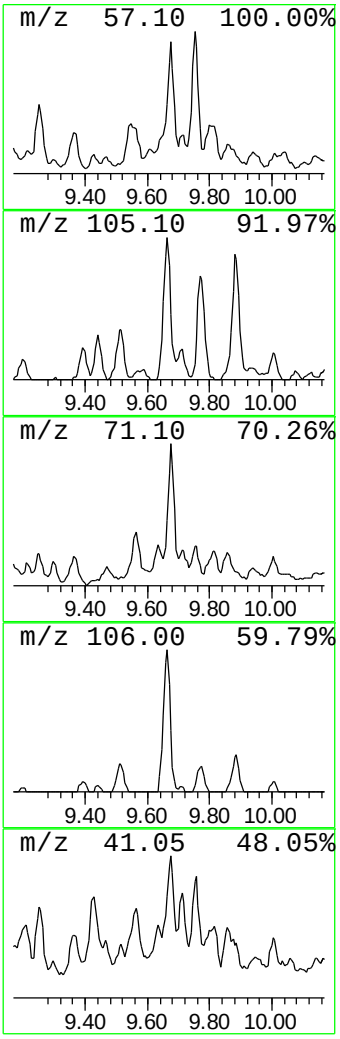
Peak Number 49 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	20.70 ng/ul	324032	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	38
3	3-Bromooctane	192	C8H17Br	000999-64-4	35
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
5	m-Toluylic acid, 2-tetrahydrofur...	220	C13H16O3	039252-19-2	35





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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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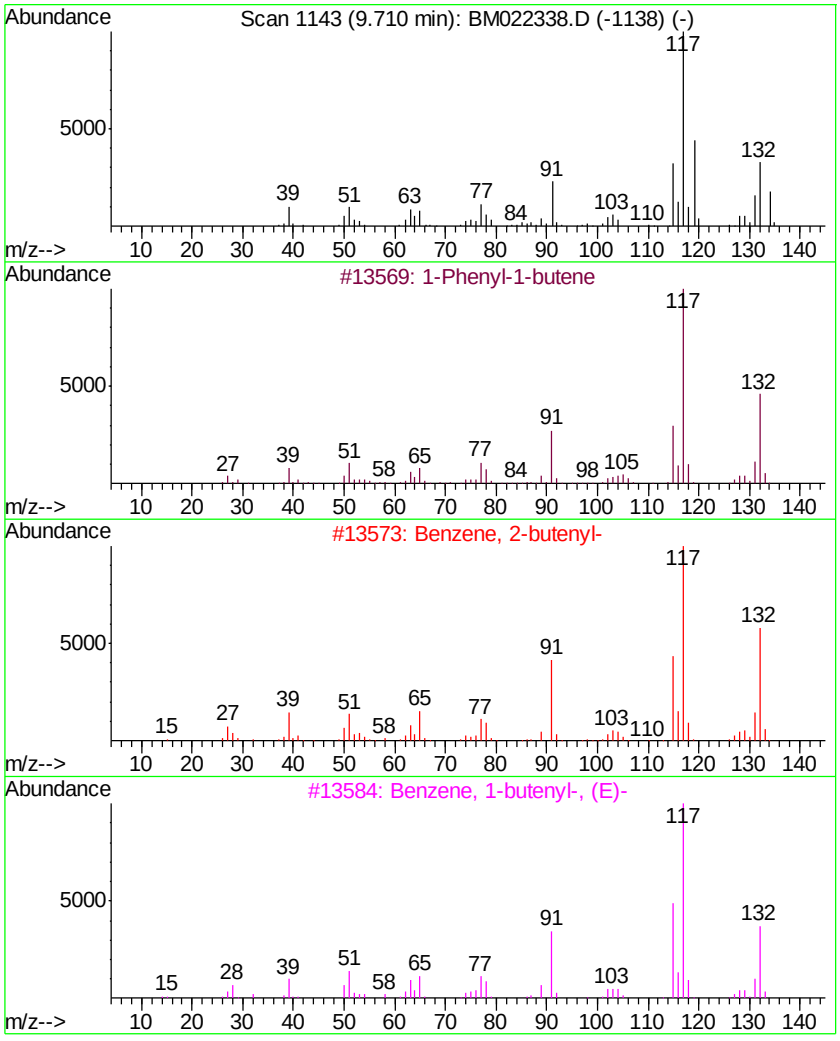
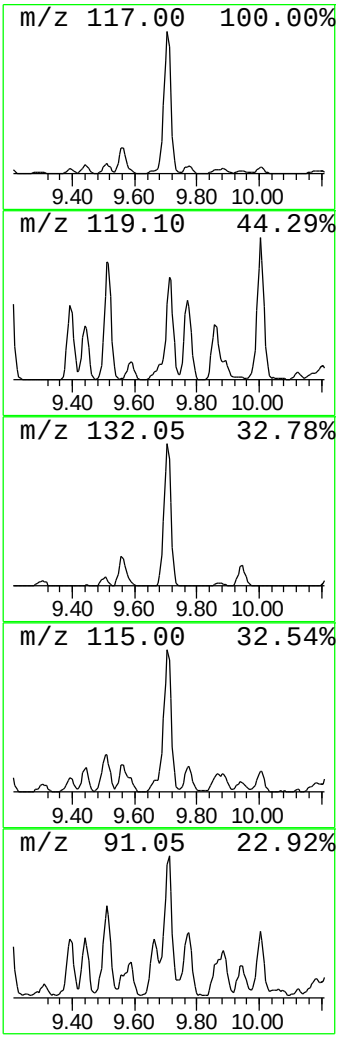
Peak Number 50 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	43.92 ng/ul	687446	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
3	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	86
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70





Library Search Compound Report

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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

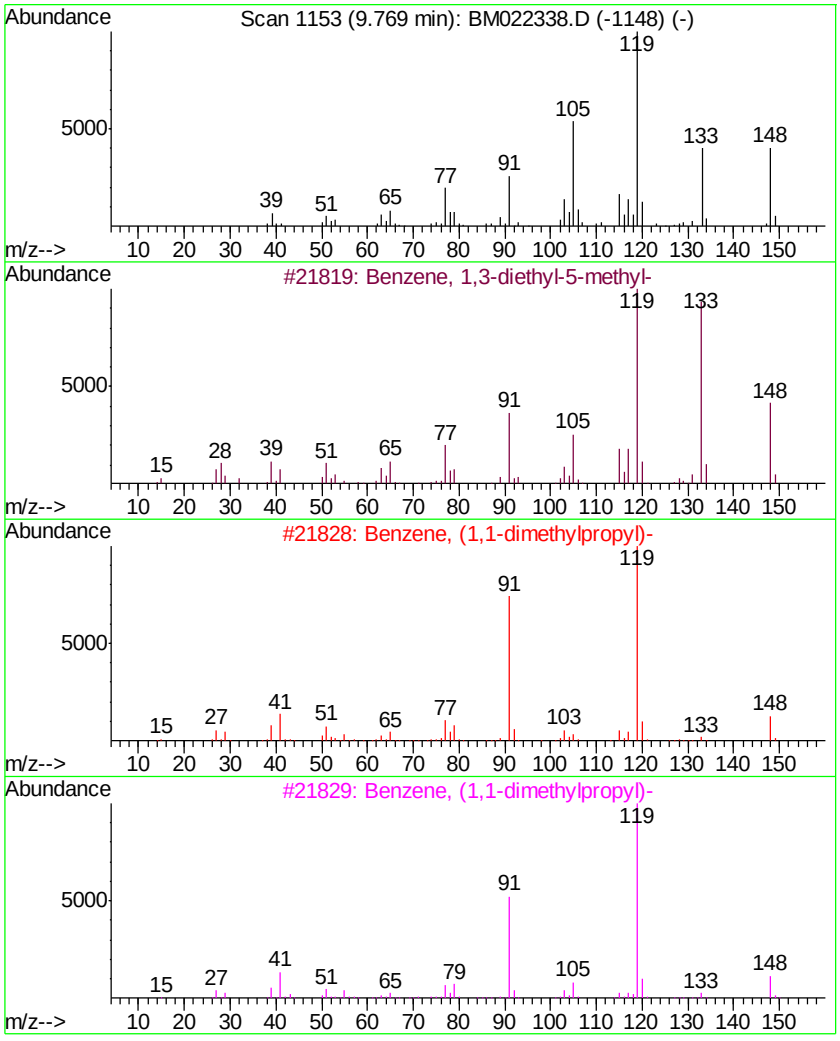
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

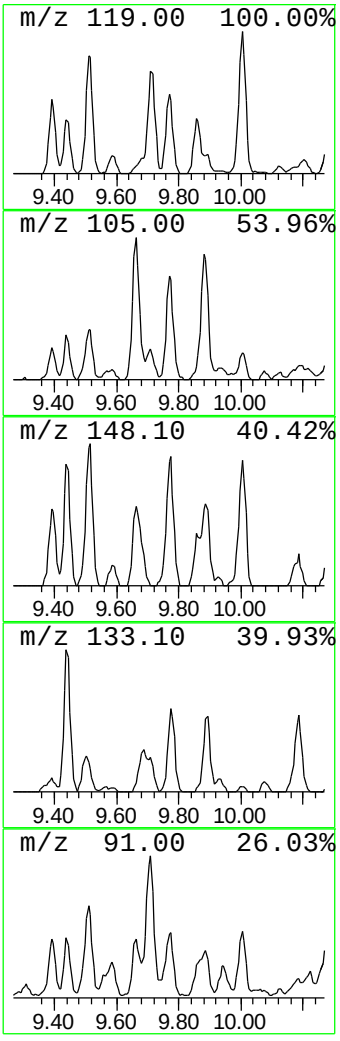
****

Peak Number 51 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	16.47 ng/ul	257831	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	62
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	49





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Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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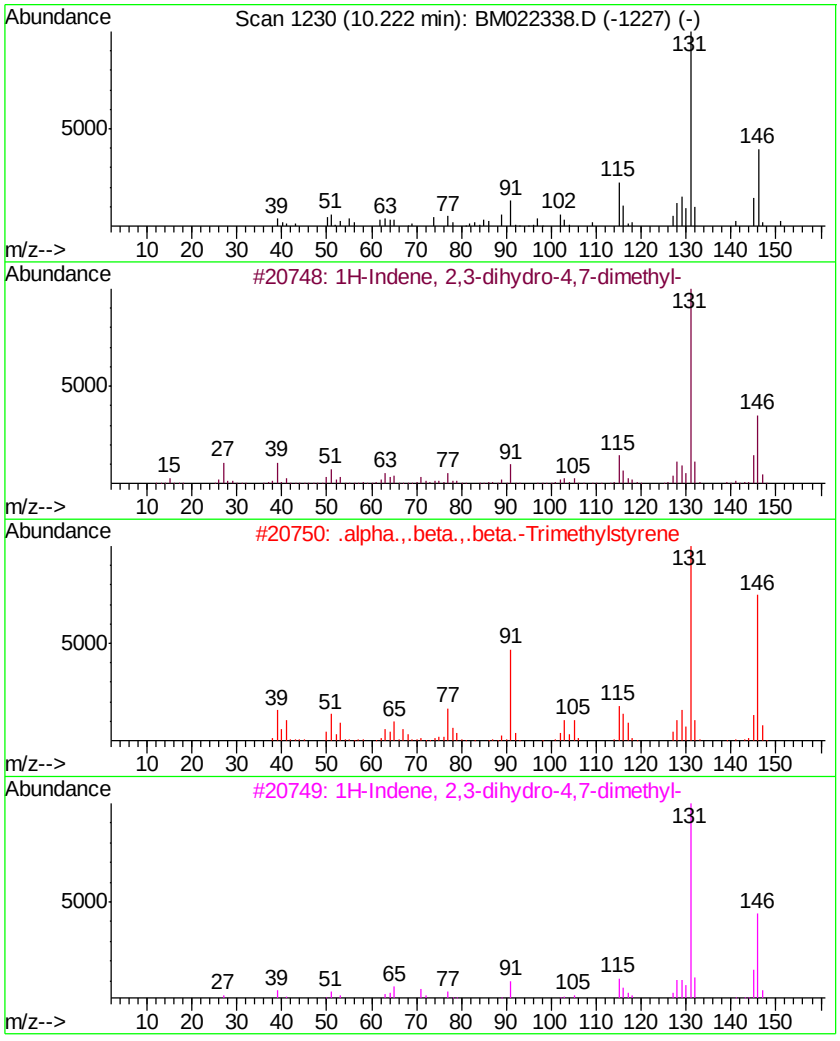
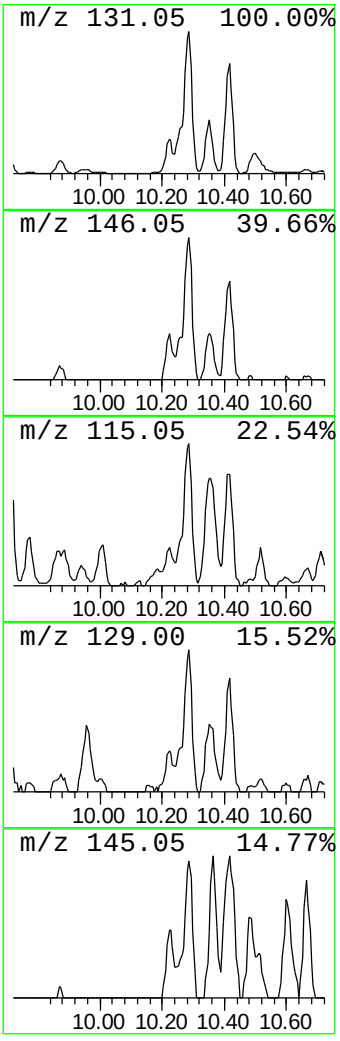
Peak Number 53 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	7.74 ng/ul	121154	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Library Search Compound Report

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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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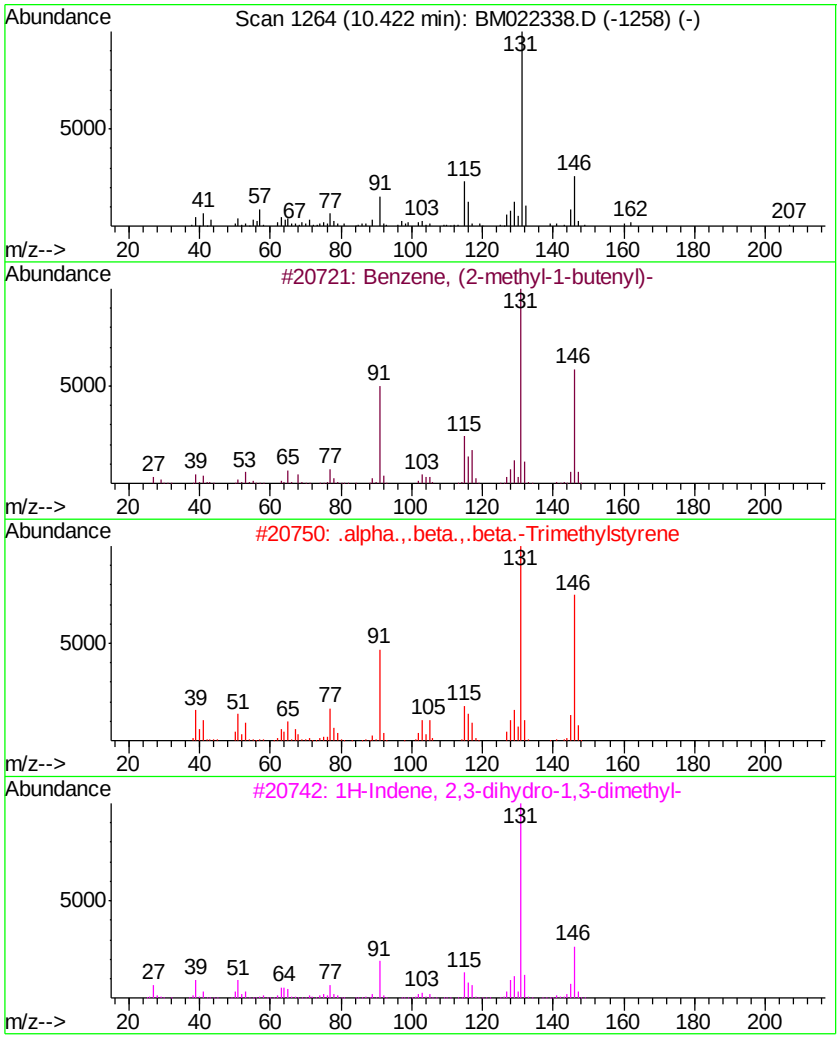
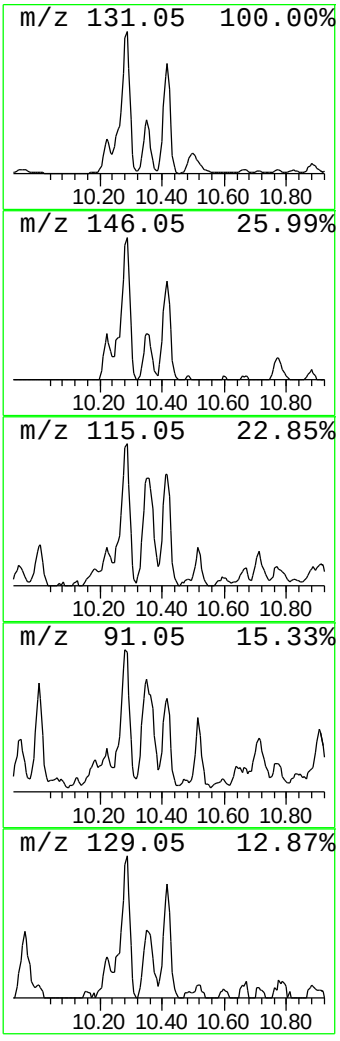
Peak Number 54 Benzene, (2-methyl-1-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	23.70 ng/ul	371066	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	91





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Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

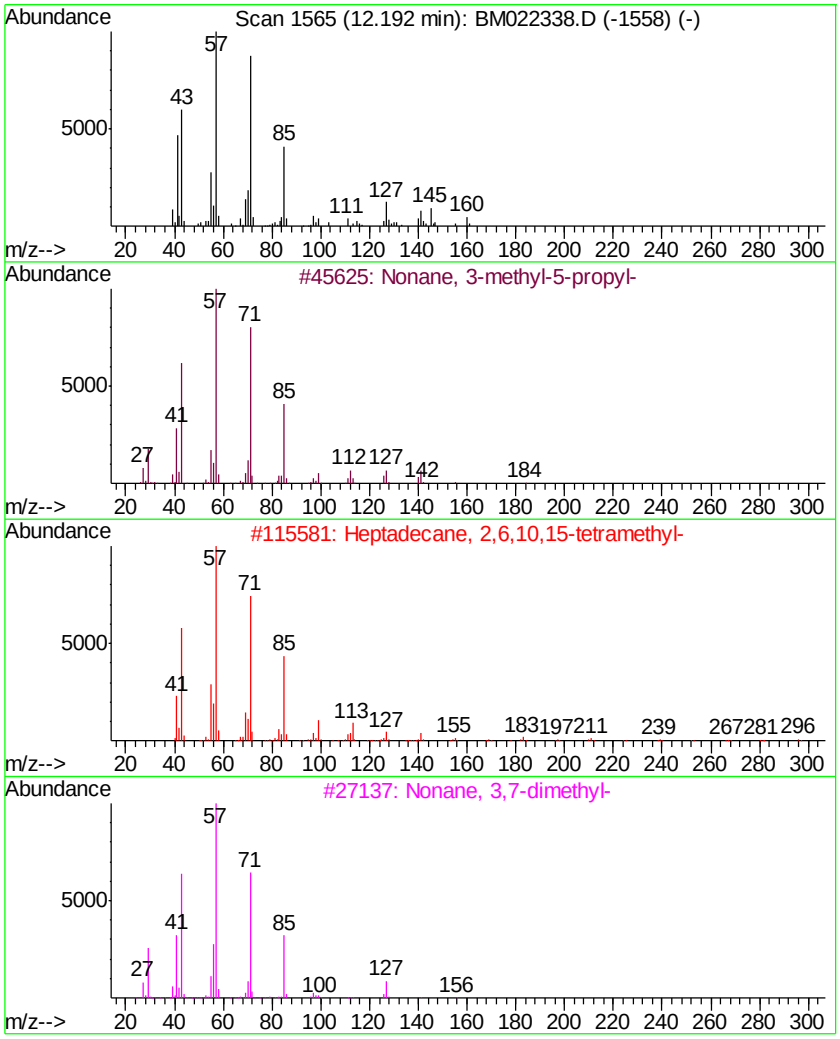
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

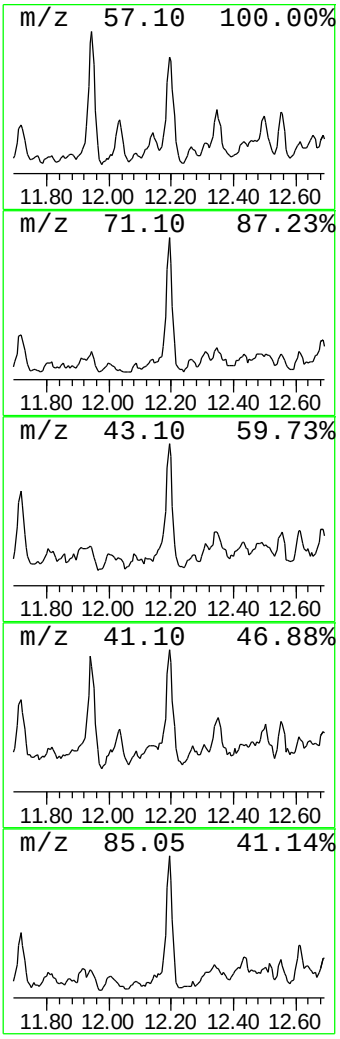
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	14.31 ng/ul	224069	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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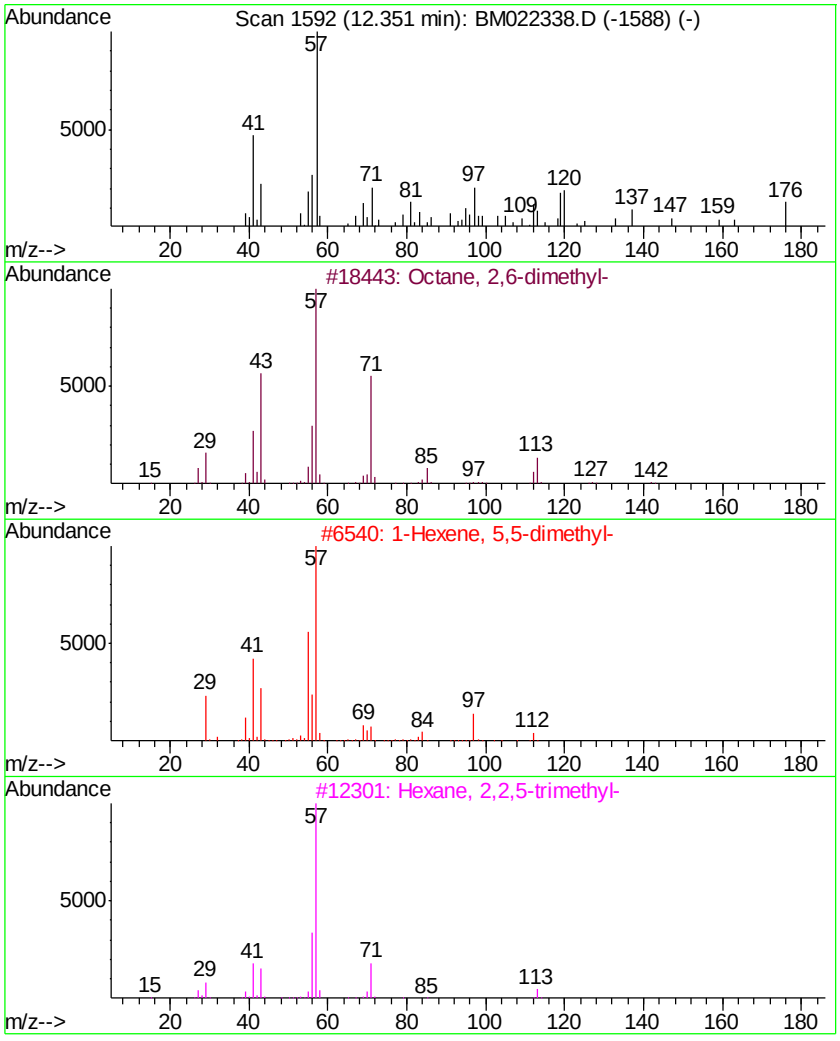
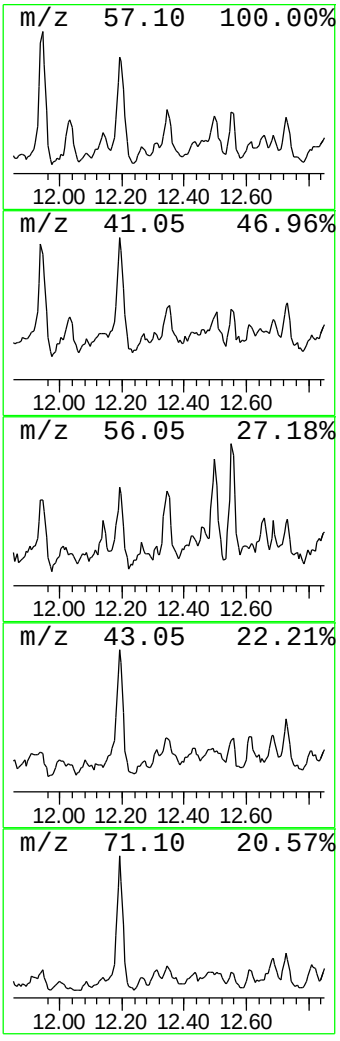
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.74 ng/ul	100658	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
2	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	35
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	32
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	30
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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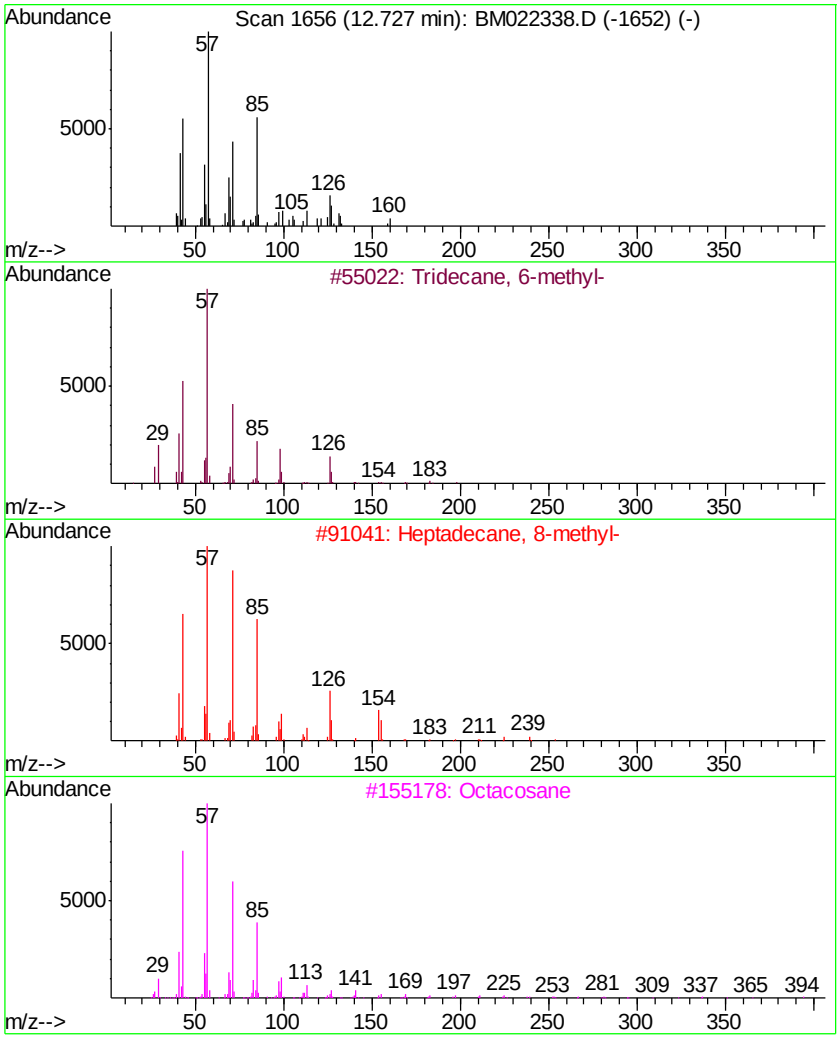
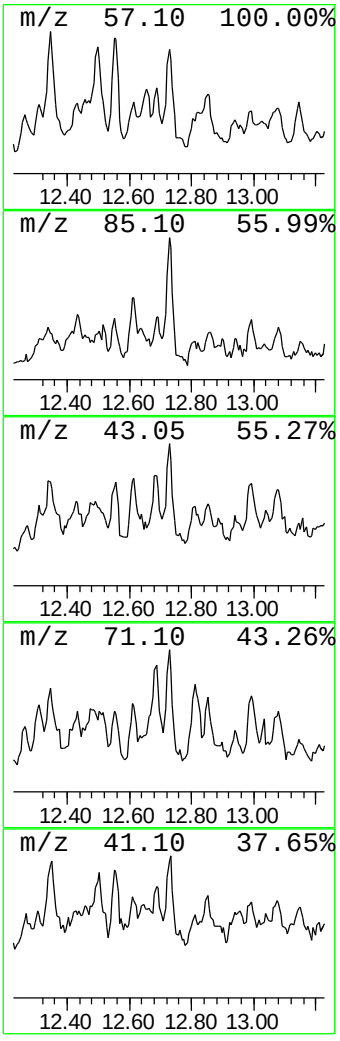
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	5.50 ng/ul	116736	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	47
3	Octacosane	394	C28H58	000630-02-4	43
4	Tridecane	184	C13H28	000629-50-5	43
5	Pentadecane	212	C15H32	000629-62-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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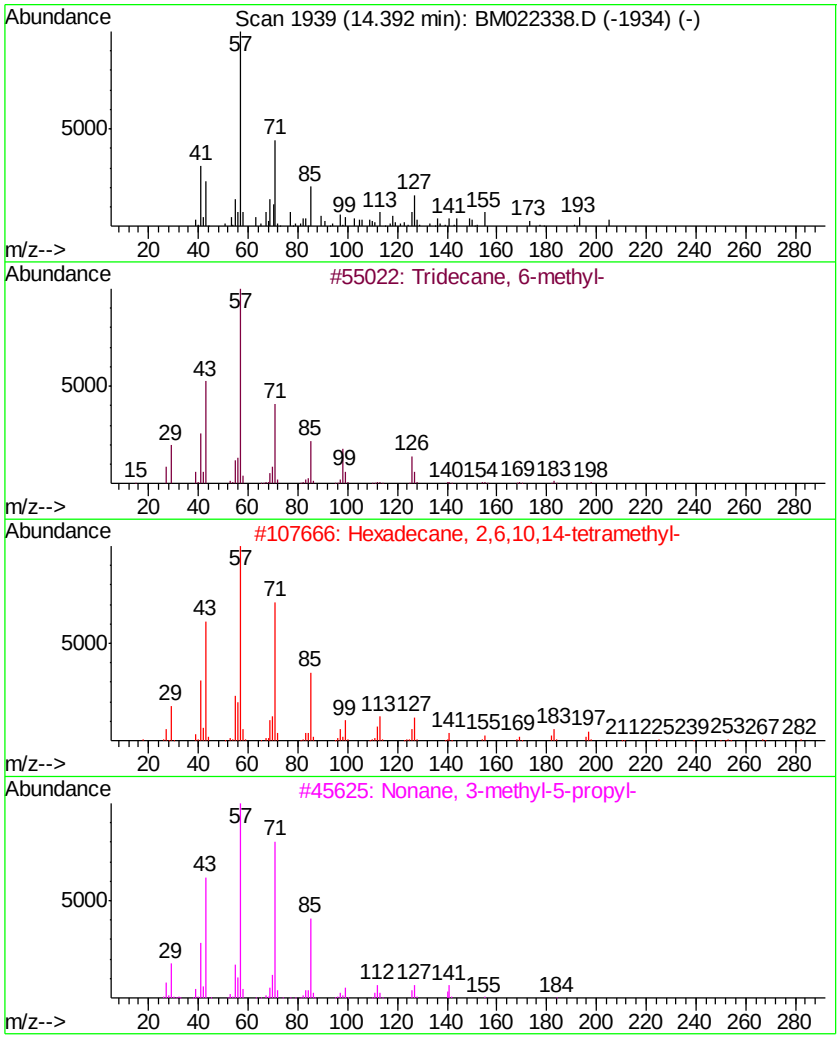
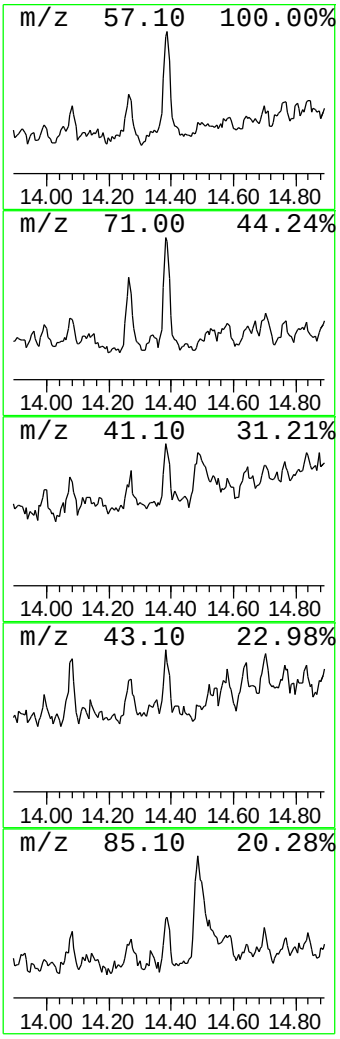
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	3.61 ng/ul	76686	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53
4	Heptacosane	380	C27H56	000593-49-7	53
5	5-Ethyldecane	170	C12H26	017302-36-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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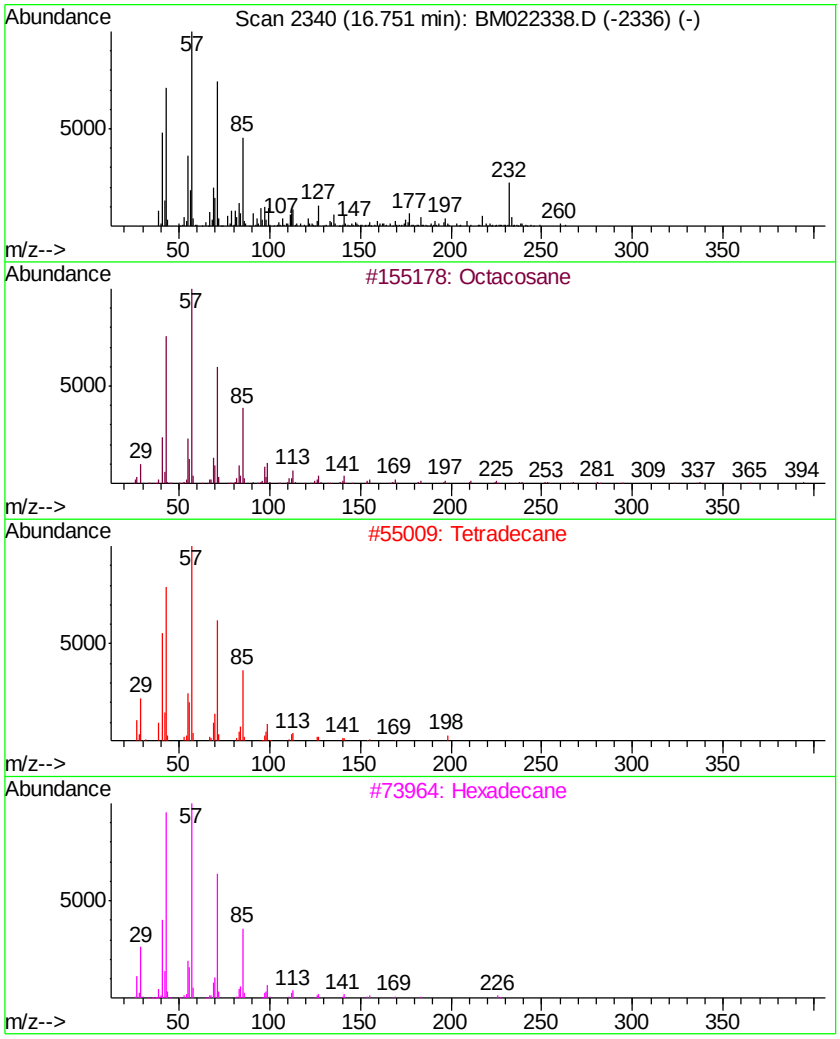
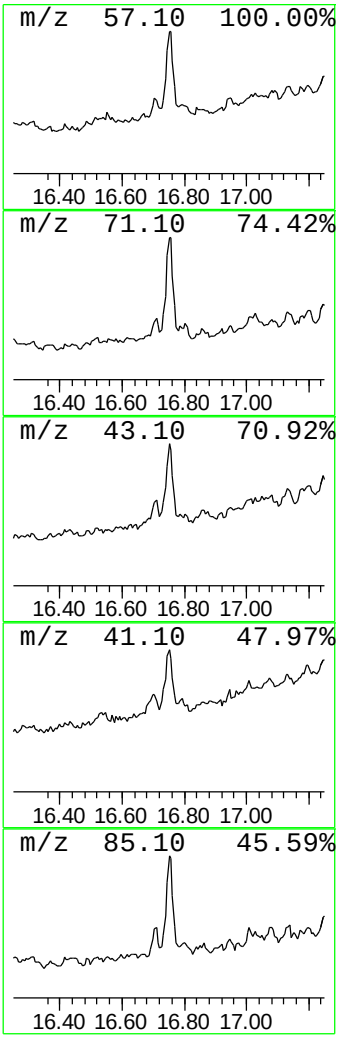
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	17.84 ng/ul	389513	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	74
2	Tetradecane	198	C14H30	000629-59-4	70
3	Hexadecane	226	C16H34	000544-76-3	70
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	68
5	Heptacosane	380	C27H56	000593-49-7	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022338.D
Acq On : 26 Aug 2019 19:34
Operator : HP/JU
Sample : K4242-08RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.35	4.0	ng/ul	77996	1	7.55	389905	20.0
(DEL) Alkane: Str...	3.56	15.3	ng/ul	299087	1	7.55	389905	20.0
(DEL) Alkane: Str...	3.66	22.8	ng/ul	444974	1	7.55	389905	20.0
unknown-01	3.71	3.9	ng/ul	76840	1	7.55	389905	20.0
(DEL) Alkane: Str...	3.89	12.7	ng/ul	247200	1	7.55	389905	20.0
(DEL) Alkane: Cyc...	4.10	4.2	ng/ul	81520	1	7.55	389905	20.0
(DEL) Alkane: Cyc...	4.32	6.5	ng/ul	126582	1	7.55	389905	20.0
(DEL) Alkane: Str...	4.51	3.8	ng/ul	73774	1	7.55	389905	20.0
(DEL) Alkane: Str...	4.60	4.1	ng/ul	80101	1	7.55	389905	20.0
(DEL) Alkane: Cyc...	4.76	4.0	ng/ul	77408	1	7.55	389905	20.0
(DEL) Alkane: Cyc...	5.00	7.3	ng/ul	142617	1	7.55	389905	20.0
unknown-02	5.13	5.3	ng/ul	103477	1	7.55	389905	20.0
(DEL) Alkane: Str...	5.32	3.7	ng/ul	71358	1	7.55	389905	20.0
(DEL) Alkane: Cyc...	5.42	3.6	ng/ul	70895	1	7.55	389905	20.0
(DEL) Alkane: Cyc...	5.80	9.8	ng/ul	191949	1	7.55	389905	20.0
(DEL) Alkane: Str...	5.92	5.0	ng/ul	98062	1	7.55	389905	20.0
(DEL) Alkane: Str...	6.00	5.5	ng/ul	107178	1	7.55	389905	20.0
(DEL) Alkane: Str...	6.08	4.3	ng/ul	82921	1	7.55	389905	20.0
unknown-03	6.17	6.4	ng/ul	124649	1	7.55	389905	20.0
(DEL) Alkane: Str...	6.39	4.8	ng/ul	93605	1	7.55	389905	20.0
(DEL) Alkane: Str...	6.50	25.3	ng/ul	493310	1	7.55	389905	20.0
Benzene, 1-ethyl-...	6.63	8.4	ng/ul	164354	1	7.55	389905	20.0
Benzene, 1-ethyl-...	6.68	15.9	ng/ul	309940	1	7.55	389905	20.0
(DEL) Alkane: Str...	6.85	4.7	ng/ul	92312	1	7.55	389905	20.0
Hexadecane, 1-chl...	7.13	3.8	ng/ul	74259	1	7.55	389905	20.0
Benzene, 1,2,3-tr...	7.18	7.4	ng/ul	144969	1	7.55	389905	20.0
(DEL) Alkane: Str...	7.42	4.5	ng/ul	88000	1	7.55	389905	20.0
(DEL) Alkane: Str...	7.48	23.6	ng/ul	460189	1	7.55	389905	20.0
Benzene, 1,3,5-tr...	7.64	20.7	ng/ul	402809	1	7.55	389905	20.0
(DEL) Alkane: Str...	7.72	28.3	ng/ul	552408	1	7.55	389905	20.0
Benzene, 2-propenyl-	7.90	4.8	ng/ul	94516	1	7.55	389905	20.0
(DEL) Alkane: Str...	7.97	4.6	ng/ul	88910	1	7.55	389905	20.0
(DEL) Alkane: Str...	8.03	33.0	ng/ul	643289	1	7.55	389905	20.0
Benzene, 1-methyl...	8.07	23.8	ng/ul	464425	1	7.55	389905	20.0
Benzene, 2-ethyl-...	8.16	52.2	ng/ul	1017650	1	7.55	389905	20.0
Benzene, 4-ethyl-...	8.47	4.3	ng/ul	83552	1	7.55	389905	20.0
Benzene, 2-ethyl-...	8.52	9.3	ng/ul	180813	1	7.55	389905	20.0
Benzene, 1-ethyl-...	8.62	25.9	ng/ul	505700	1	7.55	389905	20.0
unknown-04	8.86	10.9	ng/ul	213253	1	7.55	389905	20.0
(DEL) Alkane: Str...	9.06	7.0	ng/ul	109607	2	10.32	313077	20.0
Benzene, 1,2,3,4-...	9.14	12.6	ng/ul	197432	2	10.32	313077	20.0
Benzene, 1-methyl...	9.20	16.9	ng/ul	264255	2	10.32	313077	20.0
Benzene, (1,1-dim...	9.51	15.9	ng/ul	248166	2	10.32	313077	20.0
Benzene, 2-etheny...	9.56	13.8	ng/ul	216604	2	10.32	313077	20.0
unknown-05	9.67	20.7	ng/ul	324032	2	10.32	313077	20.0
1-Phenyl-1-butene	9.71	43.9	ng/ul	687446	2	10.32	313077	20.0
Benzene, 1,3-diet...	9.77	16.5	ng/ul	257831	2	10.32	313077	20.0
1H-Indene, 2,3-di...	10.22	7.7	ng/ul	121154	2	10.32	313077	20.0
Benzene, (2-methy...	10.42	23.7	ng/ul	371066	2	10.32	313077	20.0

(DEL) Alkane: Str...	12.19	14.3	ng/ul	224069	2	10.32	313077	20.0	
(DEL) Alkane: Str...	12.35	4.7	ng/ul	100658	3	14.20	424624	20.0	
(DEL) Alkane: Str...	12.73	5.5	ng/ul	116736	3	14.20	424624	20.0	
(DEL) Alkane: Str...	14.39	3.6	ng/ul	76686	3	14.20	424624	20.0	
(DEL) Alkane: Str...	16.75	17.8	ng/ul	389513	4	16.97	436733	20.0	

Instrument :
BNA_M
ClientSampleId :
C0AF7RE