LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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	5.440	480	485	493	rBV	63834	108838	3.34%	0.211%
2	5.693	522	528	531	rBV	148398	243798	7.49%	0.472%
3	5.810	541	548	554	rBV3	61211	101666	3.12%	0.197%
4	5.910	559	565	579	rBV4	114012	340218	10.45%	0.658%
5	6.069	586	592	599	rBV	436088	682846	20.98%	1.321%
6	6.210	608	616	623	rBV2	113004	220170	6.77%	0.426%
7	6.281	623	628	636	rVB3	69215	133615	4.11%	0.259%
8	6.363	636	642	647	rBV	449361	773650	23.77%	1.497%
9	6.404	647	649	655	rVB	115808	148886	4.58%	0.288%
10	6.498	655	665	672	rBV4	405765	936467	28.78%	1.812%
11	6.628	681	687	693	rVB	233140	376496	11.57%	0.729%
12	6.692	693	698	702	rBV3	69038	139552	4.29%	0.270%
13	6.775	708	712	716	rBV	143002	200282	6.15%	0.388%
14	6.840	717	723	730	rVB2	324912	678687	20.86%	1.313%
15	6.910	730	735	740	rVB2	80510	146749	4.51%	0.284%
16	6.969	740	745	747	rBV2	61882	93933	2.89%	0.182%
17	7.010	747	752	756	rBV	141629	214345	6.59%	0.415%
18	7.092	761	766	770	rBV2	267447	513651	15.78%	0.994%
19	7.145	770	775	781	rVV	662467	1074003	33.00%	2.078%
20	7.198	781	784	787	rVB3	72405	93429	2.87%	0.181%
21	7.257	787	794	796	rBV4	153411	338194	10.39%	0.654%
22	7.310	796	803	808	rVB2	728010	1491215	45.82%	2.886%
23	7.404	808	819	825	rVB6	777714	2081560	63.97%	4.028%
24	7.487	825	833	838	rVB3	220782	443867	13.64%	0.859%
25	7.551	838	844	851	rBV3	284573	628666	19.32%	1.217%
26	7.634	851	858	865	rBV5	416756	848434	26.07%	1.642%
27	7.739	865	876	882	rBV2	1039469	2245529	69.00%	4.346%
28	7.822	883	890	896	rBV2	456986	955065	29.35%	1.848%
29	7.886	896	901	905	rBV3	195143	304310	9.35%	0.589%
30	7.934	905	909	912	rBV	111937	148468	4.56%	0.287%
31	7.987	912	918	925	rVB3	676175	1534085	47.14%	2.969%
32	8.045	925	928	931	rBV3	97301	132885	4.08%	0.257%
33	8.086	931	935	945	rVB3	210448	451715	13.88%	0.874%
34	8.175	946	950	953	rBV3	107795	194343	5.97%	0.376%

LSC Area Percent Report

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Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Title : SVOA CALIBRATION

35	8.363	975	982	985	rBV6	186721	365034	11.22%	0.706%
36	8.481	999	1002	1006	rBV3	62626	85382	2.62%	0.165%
37	8.539	1007	1012	1019	rBV5	234414	479835	14.75%	0.929%
38	8.604	1020	1023	1028	rVB2	138509	222017	6.82%	0.430%
39	8.686	1031	1037	1041	rBV3	248459	510204	15.68%	0.987%
40	8.775	1049	1052	1056	rBV2	105830	140337	4.31%	0.272%
41	8.869	1063	1068	1070	rBV2	205661	350070	10.76%	0.677%
42	8.981	1083	1087	1097	rVB6	203752	460141	14.14%	0.890%
43	9.063	1098	1101	1108	rVB5	138658	287705	8.84%	0.557%
44	9.151	1108	1116	1125	rVB5	180512	454141	13.96%	0.879%
45	9.269	1125	1136	1143	rBV4	197785	515852	15.85%	0.998%
46	9.339	1143	1148	1153	rBV2	164079	323525	9.94%	0.626%
47	9.398	1153	1158	1167	rVB2	126390	282289	8.67%	0.546%
48	9.498	1167	1175	1178	rBV8	88055	251700	7.73%	0.487%
49	9.533	1178	1181	1183	rBV2	60661	75122	2.31%	0.145%
50	9.645	1193	1200	1202	rBV4	192360	392867	12.07%	0.760%
51	9.786	1219	1224	1228	rBV3	93142	184003	5.65%	0.356%
52	9.892	1238	1242	1244	rBV2	77140	118729	3.65%	0.230%
53	10.063	1266	1271	1275	rVB5	162277	288759	8.87%	0.559%
54	10.110	1276	1279	1282	rBV5	60223	90387	2.78%	0.175%
55	10.180	1288	1291	1298	rBV4	102924	226079	6.95%	0.438%
56	10.251	1299	1303	1307	rVB3	156474	243183	7.47%	0.471%
57	10.304	1308	1312	1313	rBV4	130045	179109	5.50%	0.347%
58	10.333	1314	1317	1322	rVB2	164053	245143	7.53%	0.474%
59	10.392	1323	1327	1332	rBV	253694	411134	12.63%	0.796%
60	10.486	1340	1343	1345	rBV3	61388	78428	2.41%	0.152%
61	10.575	1352	1358	1361	rBV2	457825	864852	26.58%	1.674%
62	10.622	1361	1366	1372	rVB2	950133	1821113	55.96%	3.524%
63	10.692	1375	1378	1381	rBV4	74634	110897	3.41%	0.215%
64	10.810	1395	1398	1402	rBV4	135466	211580	6.50%	0.409%
65	10.904	1411	1414	1418	rBV4	93342	123717	3.80%	0.239%
66	11.098	1441	1447	1452	rVB	612066	1036260	31.84%	2.005%
67	11.280	1472	1478	1486	rVB5	388558	1027732	31.58%	1.989%
68	11.357	1486	1491	1498	rBV6	249451	658144	20.22%	1.274%
69	11.439	1500	1505	1509	rBV4	320292	677092	20.81%	1.310%
70	11.663	1538	1543	1547	rBV	626349	1018775	31.31%	1.972%
71	11.798	1561	1566	1574	rVB	457791	892132	27.41%	1.727%

LSC Area Percent Report

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Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

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

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Title : SVOA CALIBRATION

72	11.892	1575	1582	1587	rBV2	1071762	1839200	56.52%	3.559%
73	12.027	1602	1605	1609	rBV	188727	237622	7.30%	0.460%
74	12.345	1654	1659	1666	rBV5	298565	652439	20.05%	1.263%
75	12.433	1670	1674	1678	rBV	280067	480242	14.76%	0.929%
76	12.663	1708	1713	1718	rBV3	283647	471633	14.49%	0.913%
77	12.804	1734	1737	1742	rBV5	110215	202476	6.22%	0.392%
78	12.892	1748	1752	1757	rVB2	412403	640990	19.70%	1.240%
79	12.957	1758	1763	1773	rVB9	162253	442659	13.60%	0.857%
80	13.263	1811	1815	1820	rVB	520974	716901	22.03%	1.387%
81	13.868	1914	1918	1921	rVB2	160886	219304	6.74%	0.424%
82	14.157	1963	1967	1969	rBV	213077	303512	9.33%	0.587%
83	14.186	1969	1972	1975	rVV	117295	166998	5.13%	0.323%
84	14.286	1985	1989	1996	rVB3	207039	346107	10.64%	0.670%
85	14.463	2014	2019	2025	rVB2	866905	1384748	42.55%	2.680%
86	15.451	2184	2187	2192	rVB	260600	335372	10.31%	0.649%
87	17.209	2481	2486	2489	rBV	1006700	1526059	46.89%	2.953%
88	17.251	2489	2493	2498	rVB	825015	1184221	36.39%	2.292%
89	19.268	2832	2836	2841	rBV	1870238	2544550	78.19%	4.924%
90	19.633	2894	2898	2906	rVB	1951608	3254209	100.00%	6.298%

Sum of corrected areas: 51672328

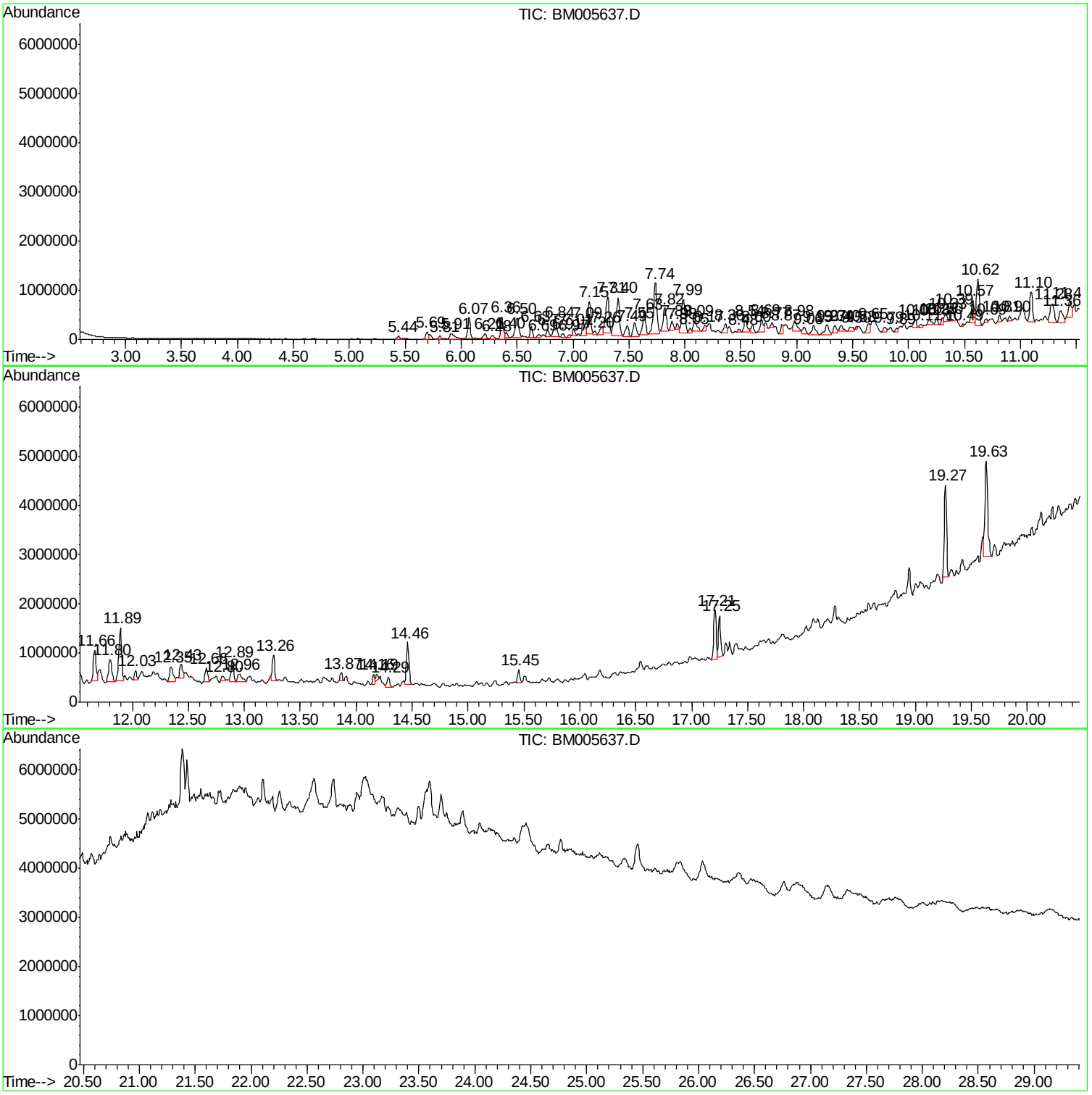
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

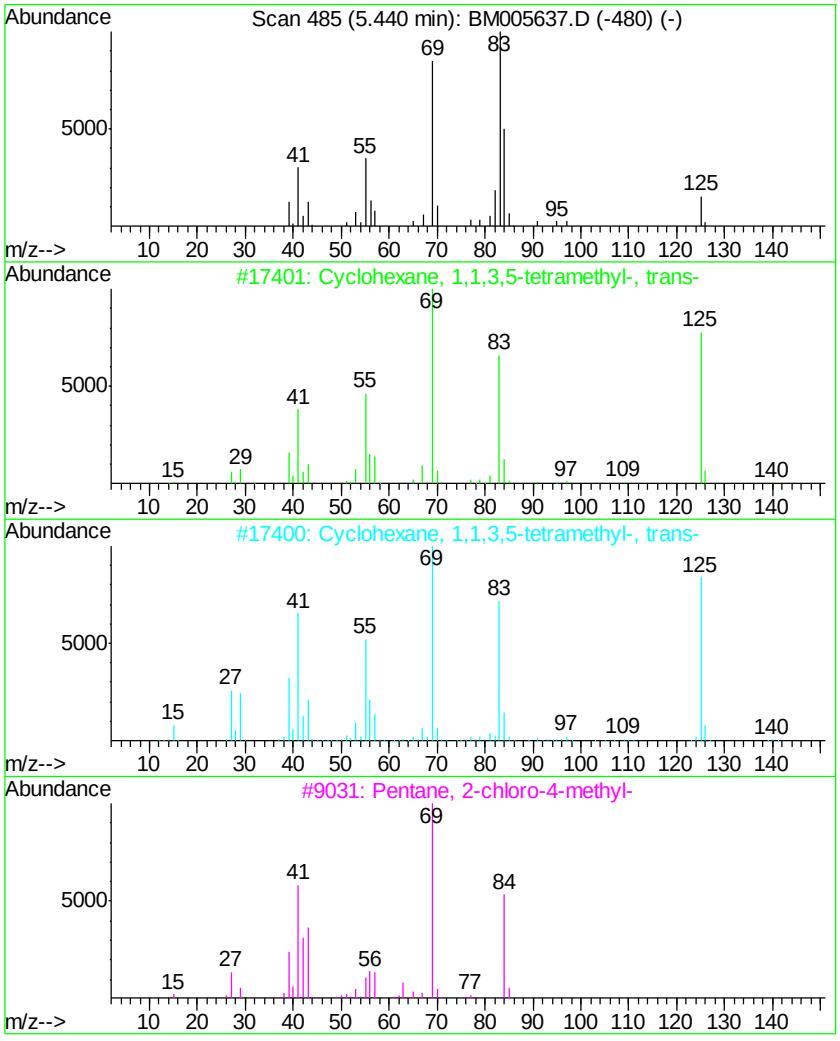
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

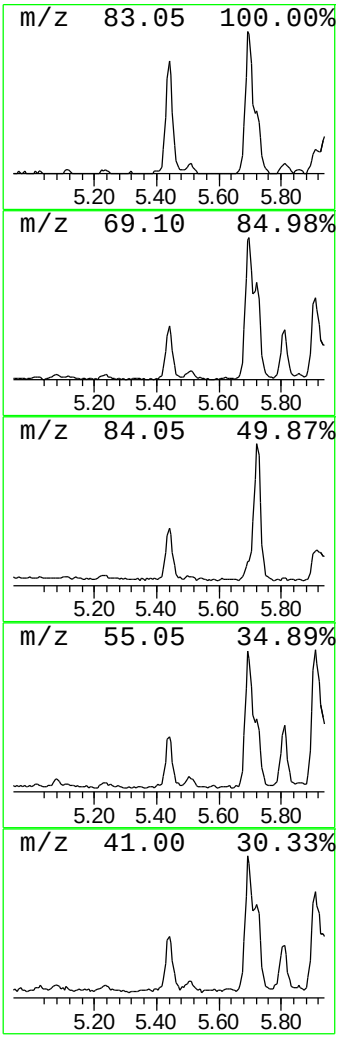
****

Peak Number 1 (DEL) Alkane: Cyclic5.44 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	2.28 ng/ul	108838	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	64
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	47
3	Pentane, 2-chloro-4-methyl-	120	C6H13Cl	025346-32-1	43
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	43
5	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

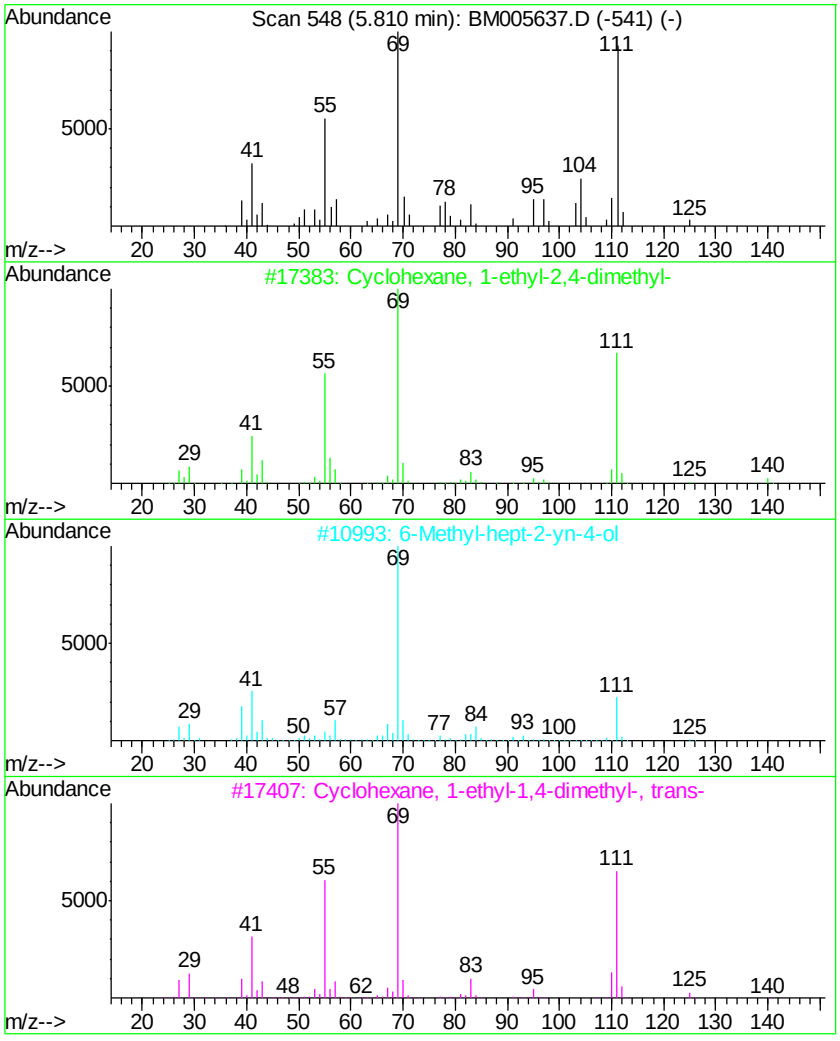
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

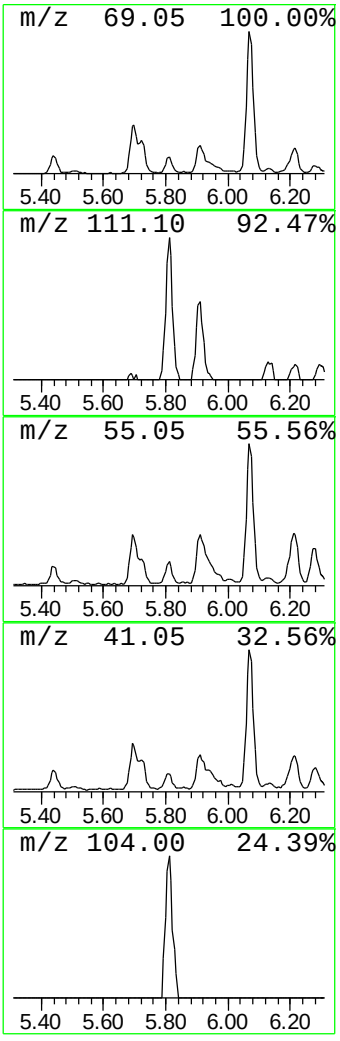
****

Peak Number 3 (DEL) Alkane: Cyclic5.81 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	2.13 ng/ul	101666	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	59
2	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	53
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	47
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	45
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

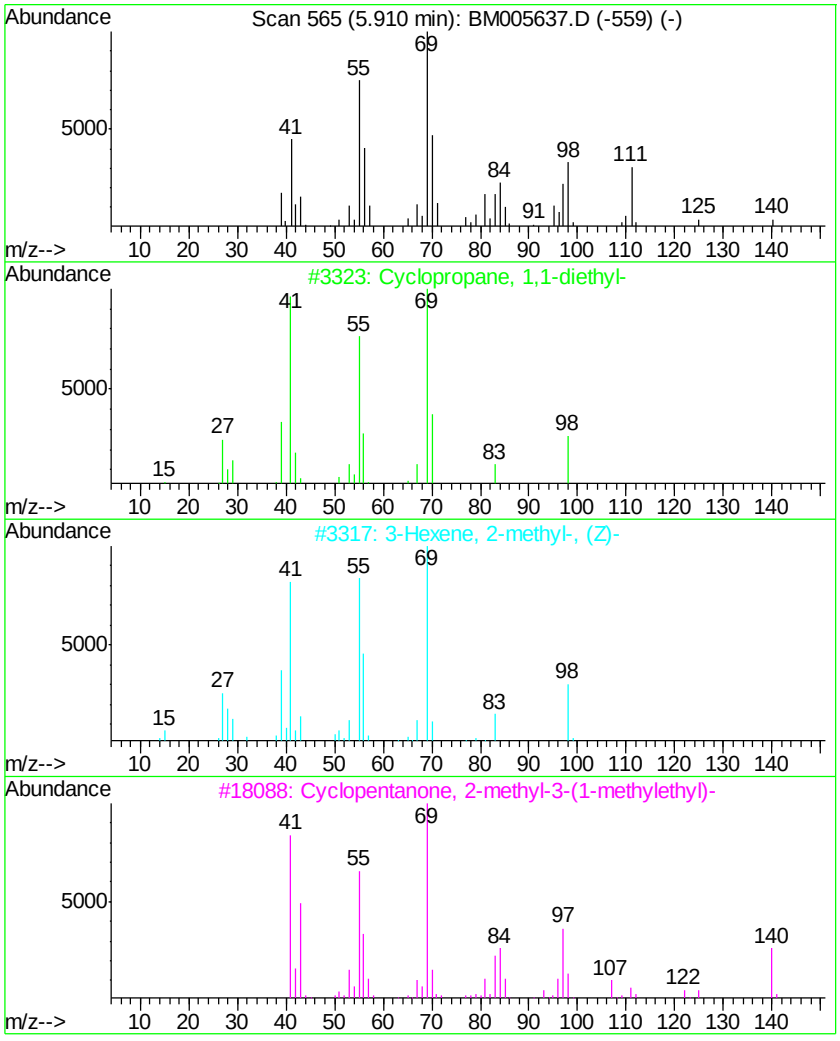
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

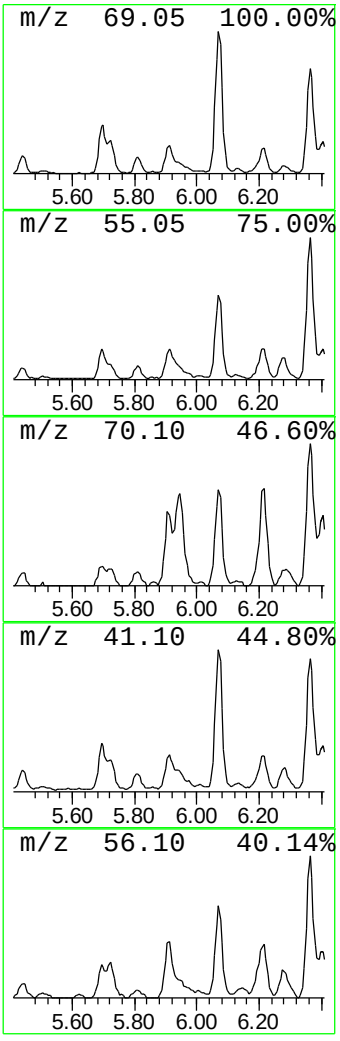
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.91	7.12 ng/ul	340218	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	64
2	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	60
3	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	58
4	5-Decene	140	C10H20	019689-19-1	55
5	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

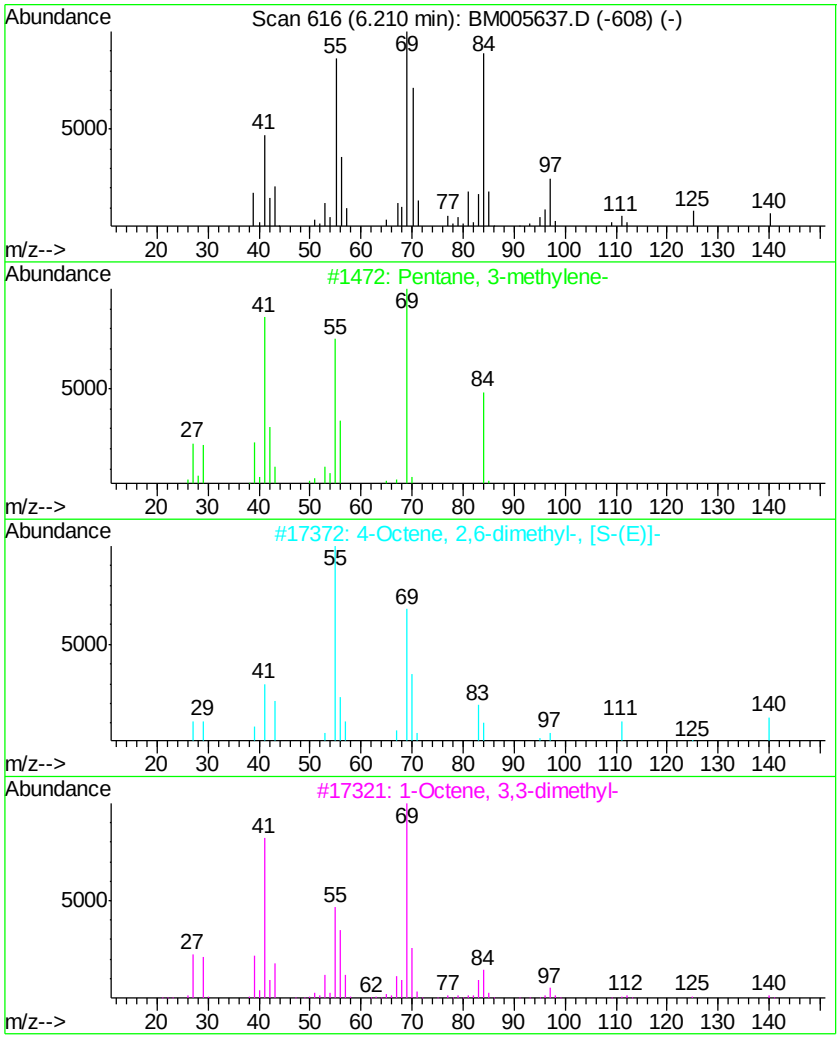
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

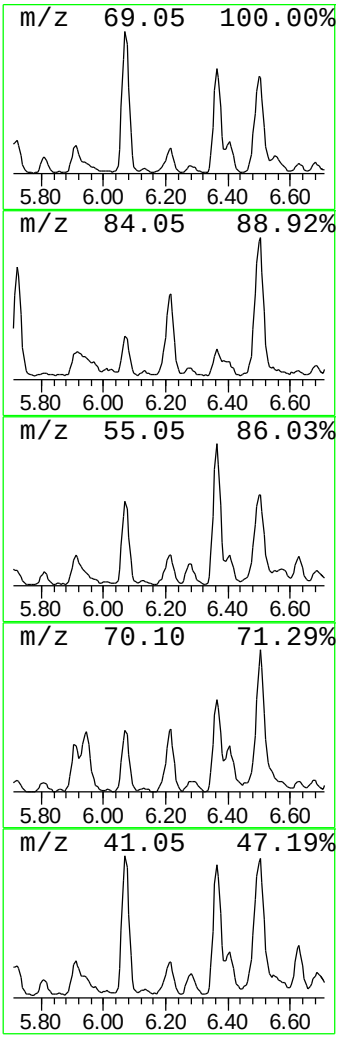
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	4.61 ng/ul	220170	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methylene-	84	C6H12	000760-21-4	50
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	47
3	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	43
4	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

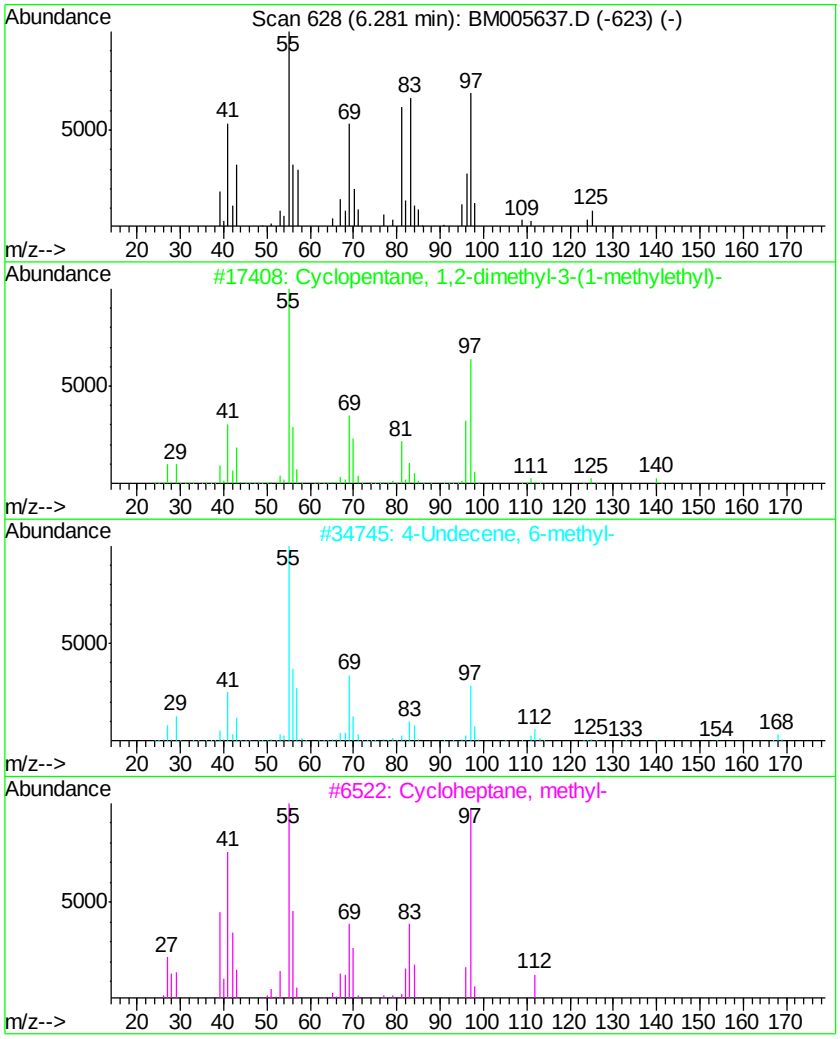
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

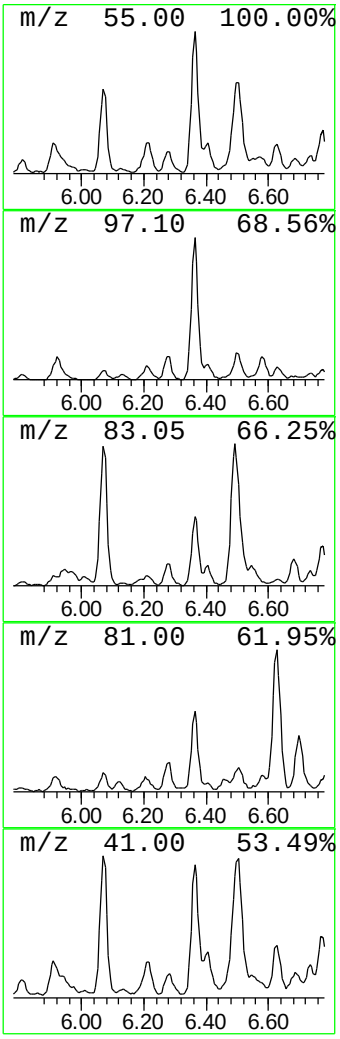
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	2.80 ng/ul	133615	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	50
2	4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	47
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	47
4	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	25
5	1-Dodecene	168	C12H24	000112-41-4	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

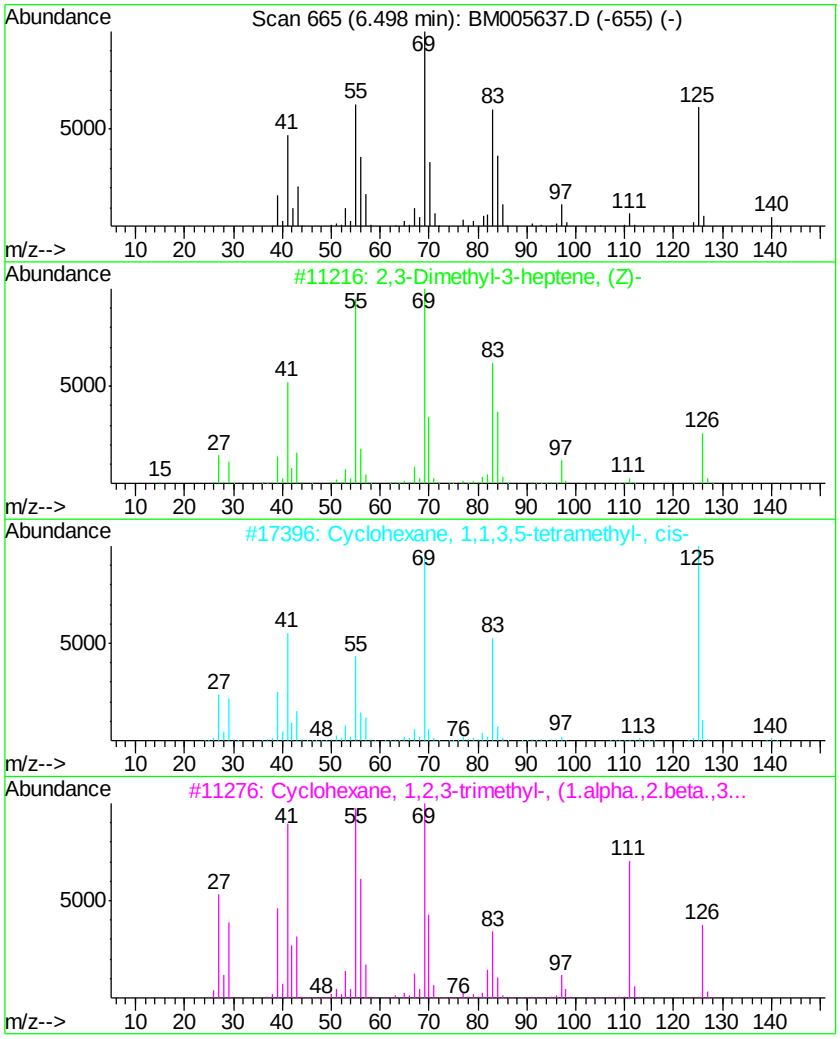
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

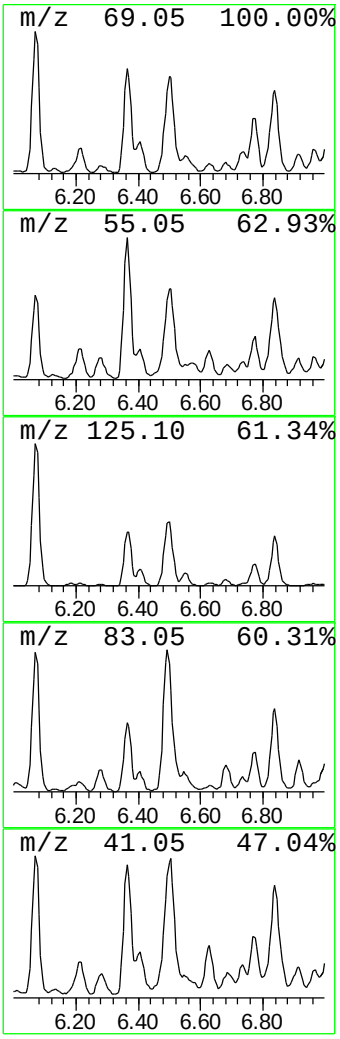
****

Peak Number 10 (DEL) Alkane: Cyclic6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	19.61 ng/ul	936467	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	59
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	53
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	47
4	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	47
5	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	47





Library Search Compound Report

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Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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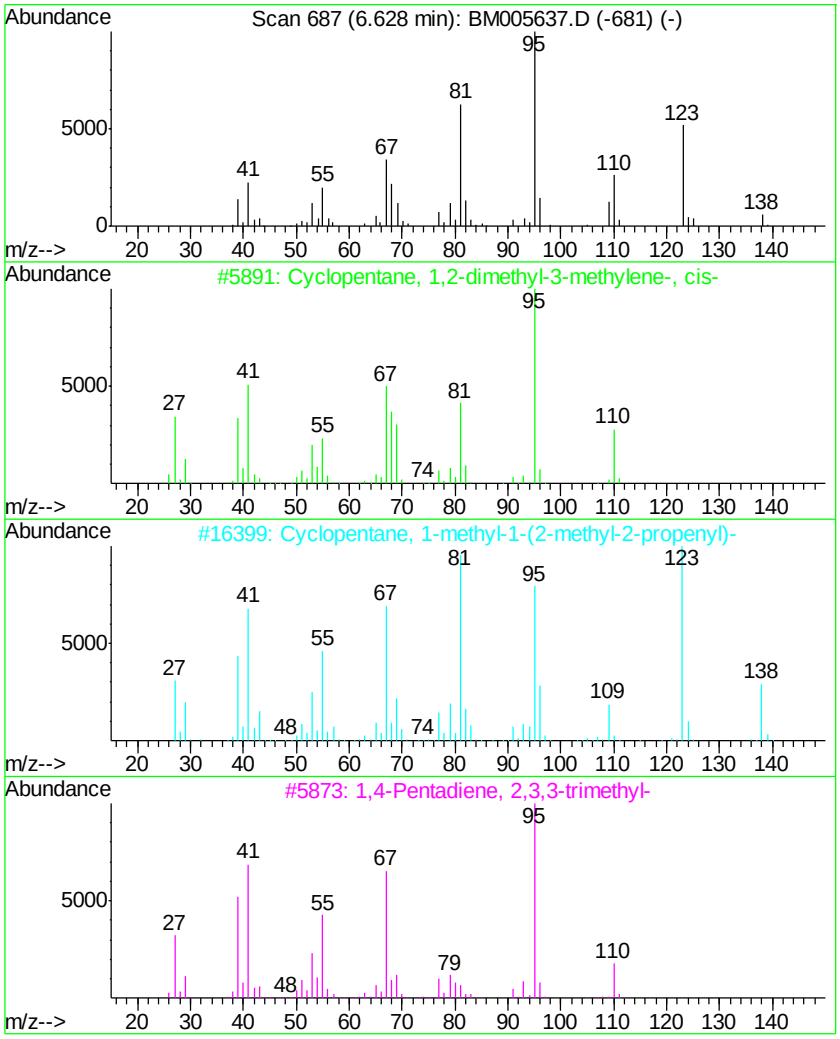
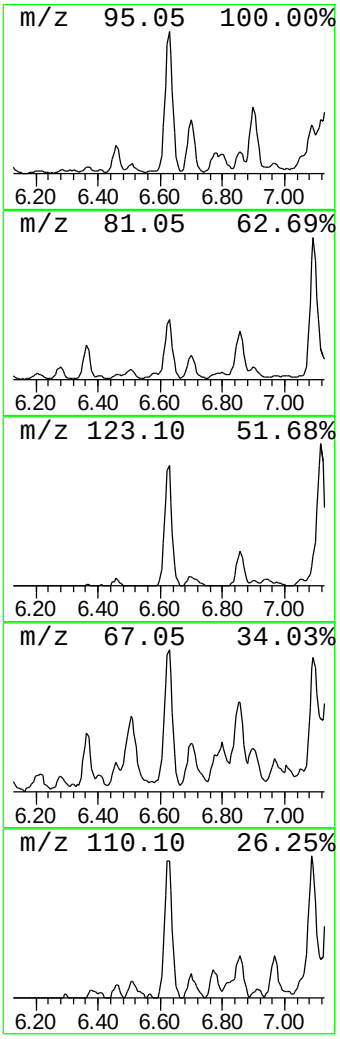
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	7.88 ng/ul	376496	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	58
2	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	53
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	53
4	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	50
5	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	50





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Instrument : BNA_M
ClientSampleId : JHGK9DL

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Quant Title : SVOA CALIBRATION

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

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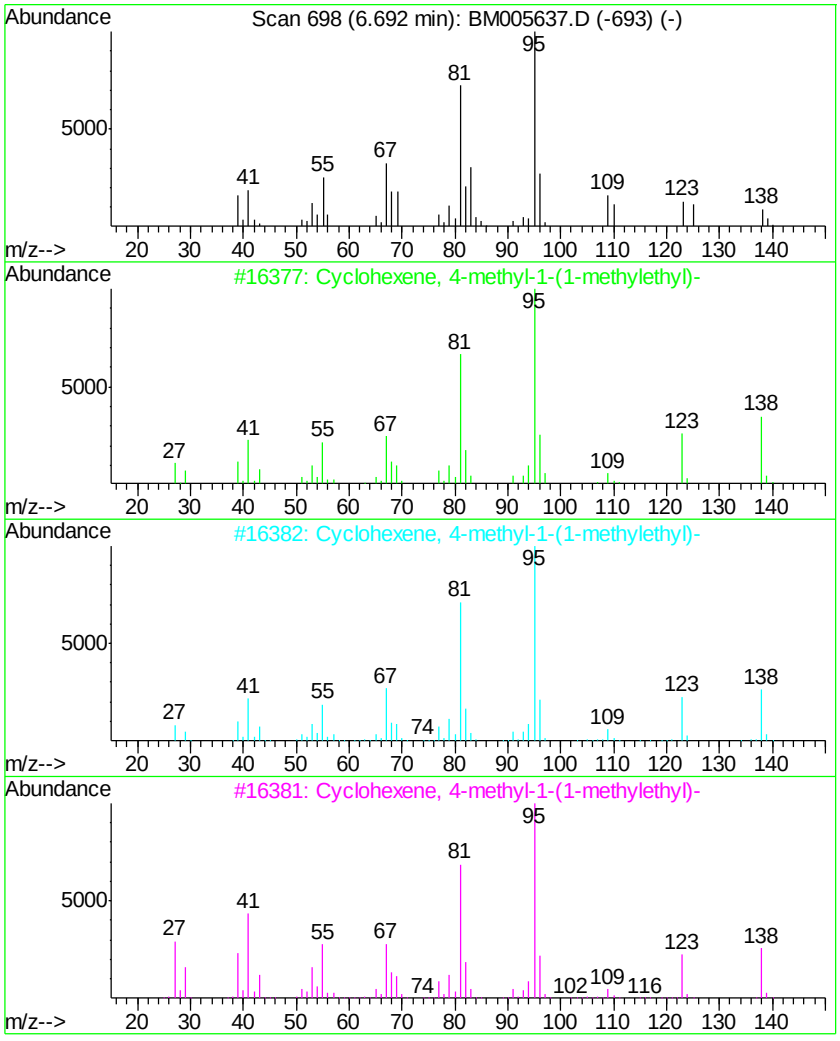
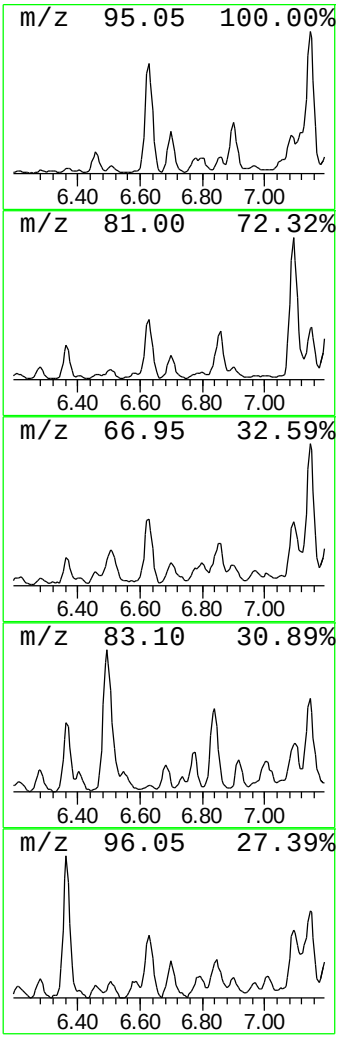
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	2.92 ng/ul	139552	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	76
2	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	68
3	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	64
4	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	58
5	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	001124-26-1	50





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Instrument : BNA_M
ClientSampleId : JHGK9DL

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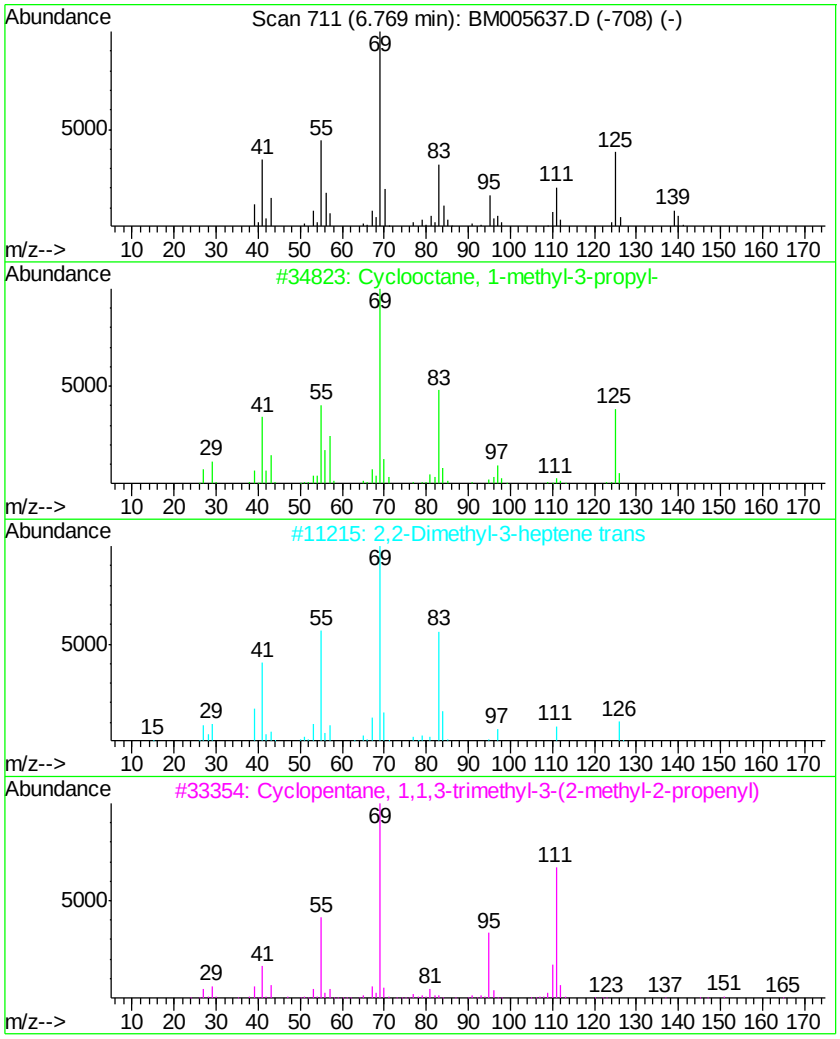
Quant Title : SVOA CALIBRATION

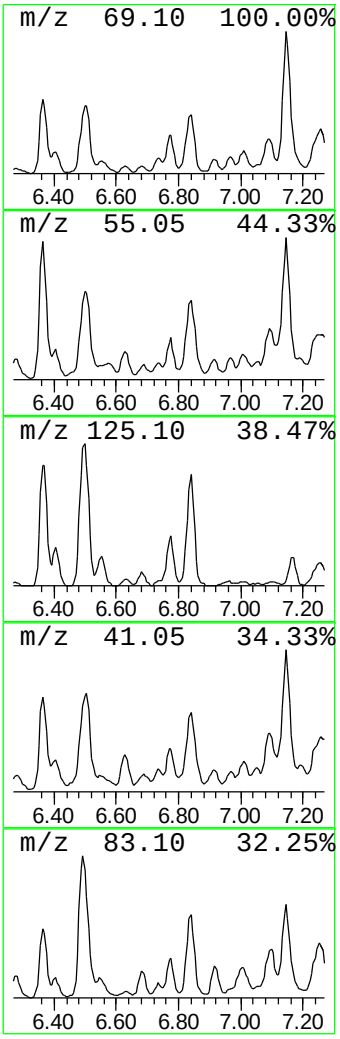
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Branched6.77 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	4.19 ng/ul	200282	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	47
2	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	46
3	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	43
4	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	43
5	1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	38





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Sample : H3087-16DL 5X
Misc :
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Instrument : BNA_M
ClientSampleId : JHGK9DL

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Quant Title : SVOA CALIBRATION

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

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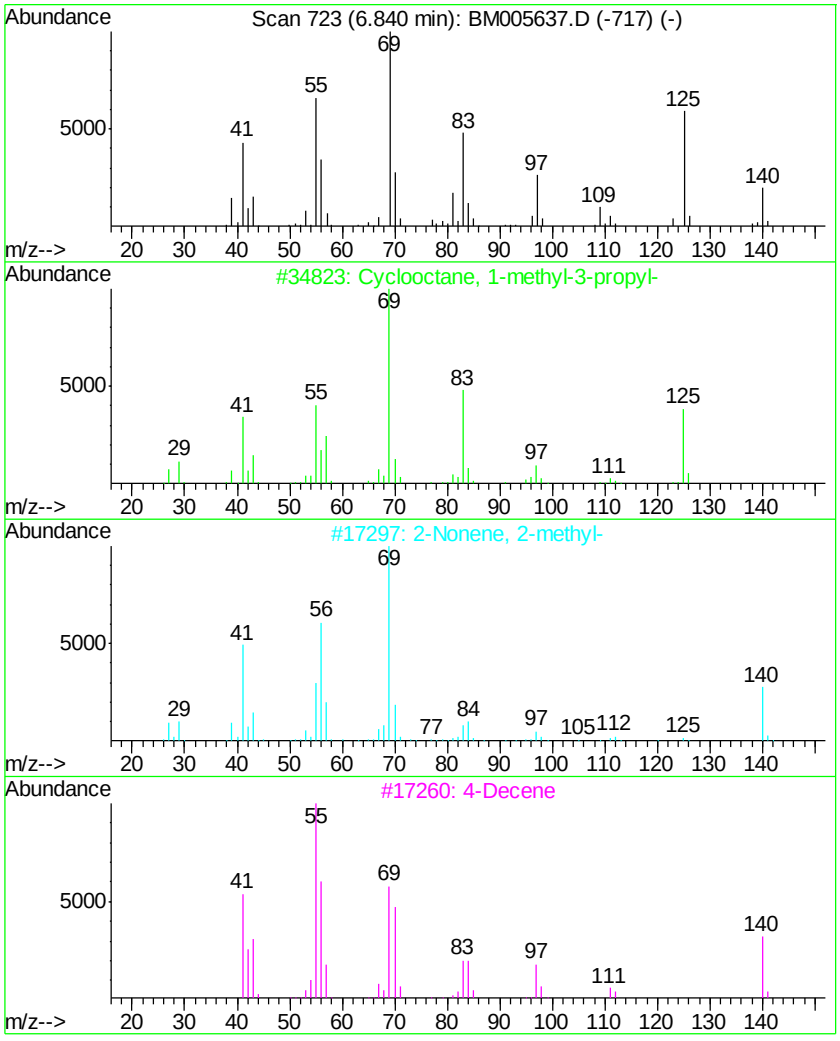
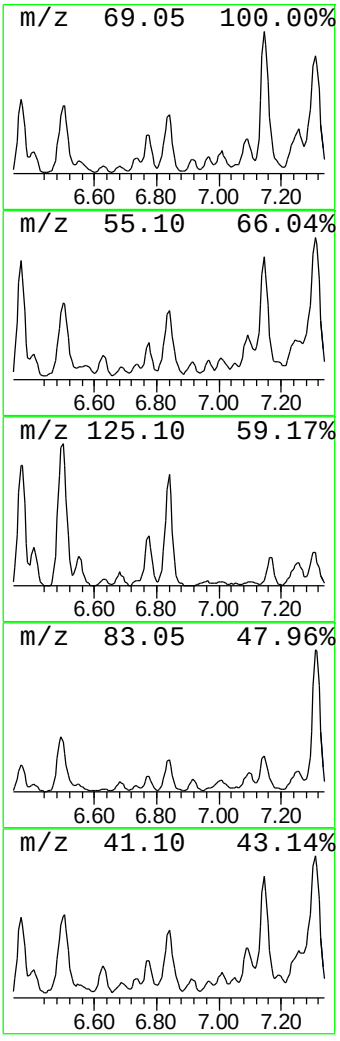
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	14.21 ng/ul	678687	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
2	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	47
3	4-Decene	140	C10H20	019689-18-0	25
4	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	22
5	4-Propylcyclohexanone	140	C9H16O	040649-36-3	22





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId : JHGK9DL

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Quant Title : SVOA CALIBRATION

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

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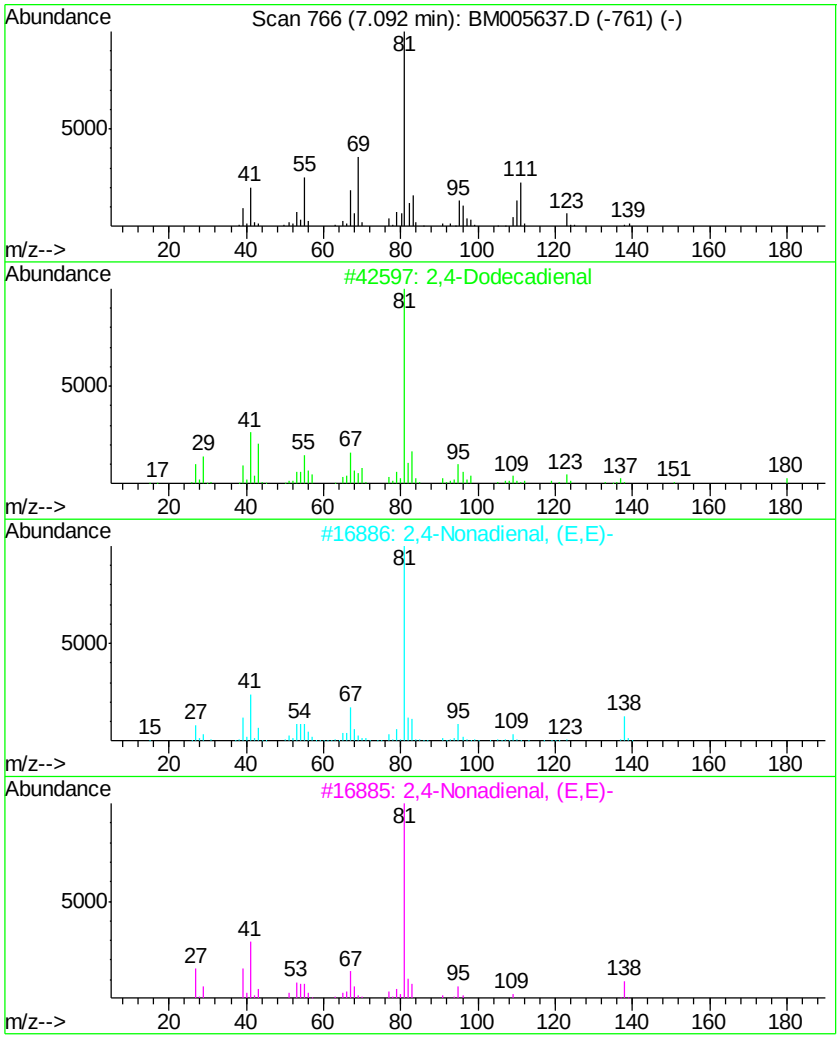
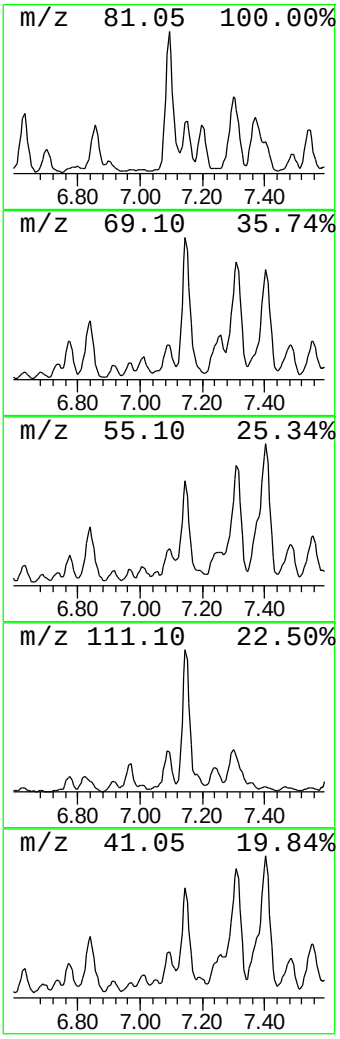
Peak Number 16 2,4-Dodecadienal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	10.76 ng/ul	513651	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dodecadienal	180	C12H20O	013162-47-5	59
2	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	53
3	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	53
4	1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	53
5	2,4-Nonadienal	138	C9H14O	006750-03-4	53





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Quant Title : SVOA CALIBRATION

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

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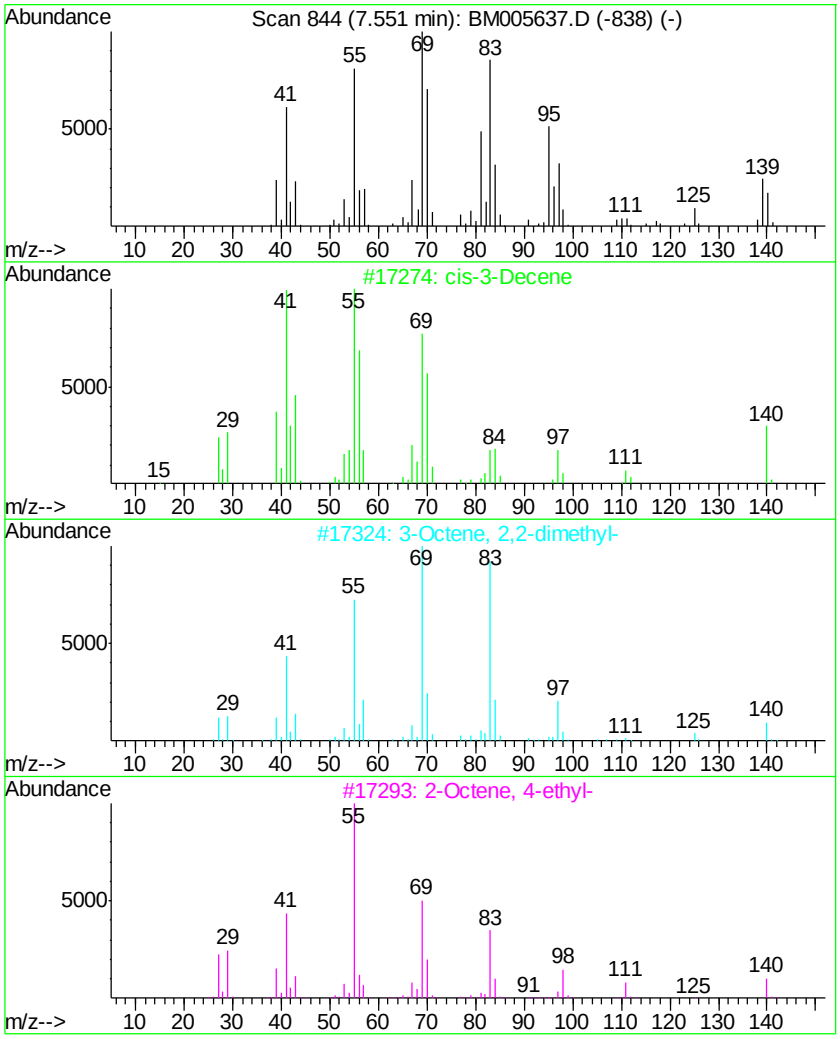
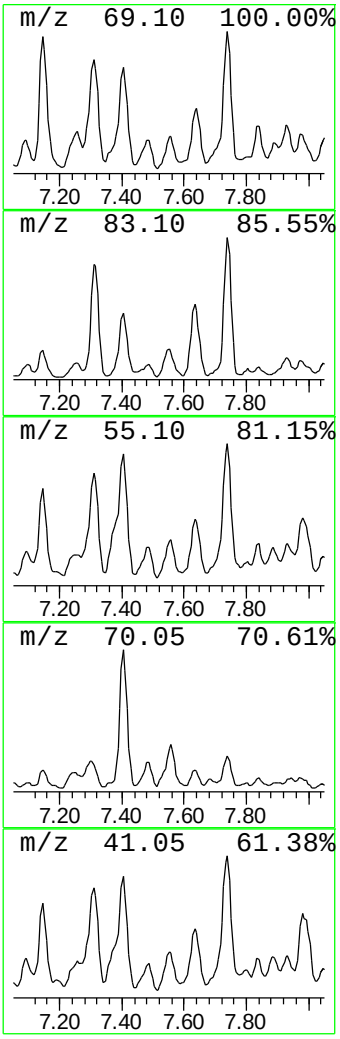
Peak Number 19 (DEL) Alkane: Branched7.55 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	13.16 ng/ul	628666	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Decene	140	C10H20	019398-86-8	55
2	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	53
3	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	47
4	2-Ethoxy-2-cyclohexen-1-one	140	C8H12O2	029941-82-0	35
5	2-Octenal, (E)-	126	C8H14O	002548-87-0	27





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Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

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Quant Title : SVOA CALIBRATION

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

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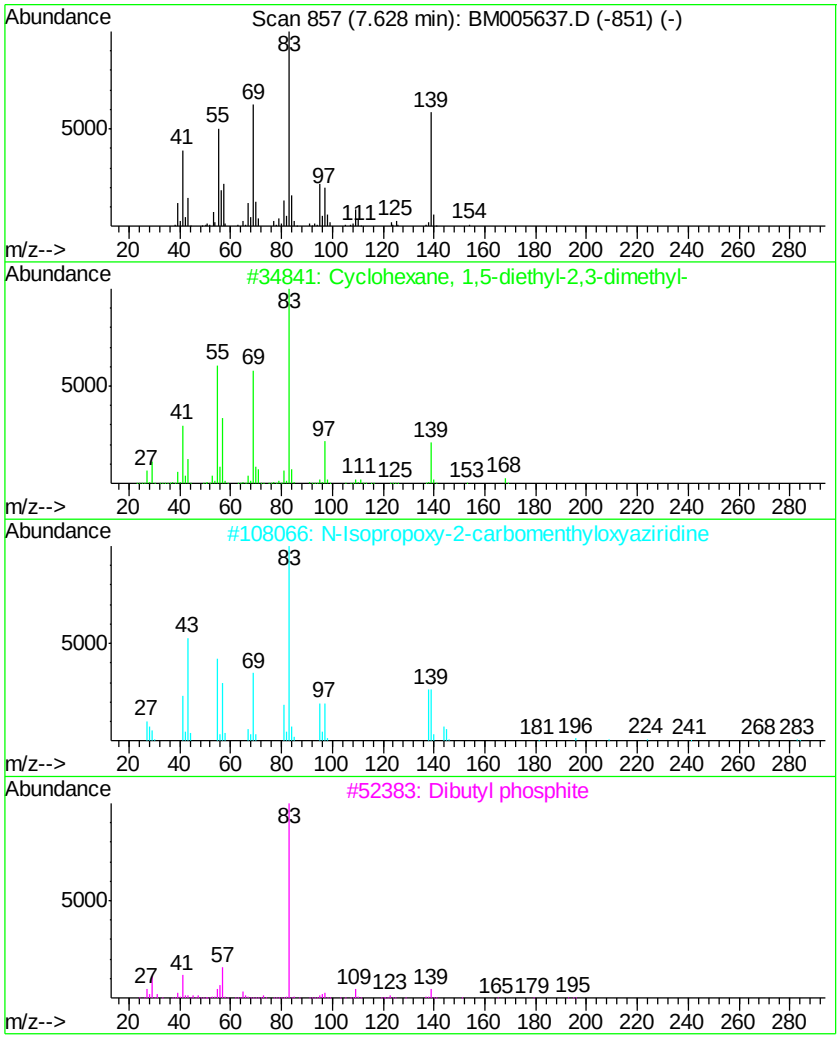
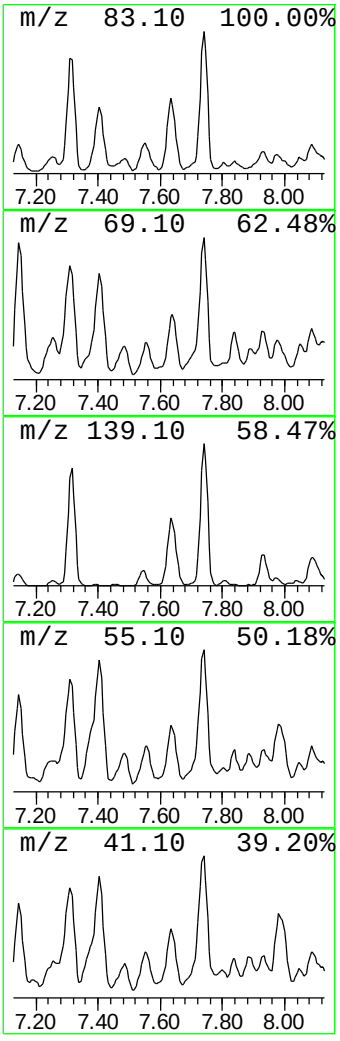
Peak Number 20 (DEL) Alkane: Cyclic7.63 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	17.77 ng/ul	848434	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	78
2	N-Isopropoxy-2-carbomenthyloxyaz...	283	C16H29NO3	060999-69-1	59
3	Dibutyl phosphite	194	C8H19O3P	000109-47-7	50
4	2-Methyl-4-octenal	140	C9H16O	030390-58-0	47
5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	43





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

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Quant Title : SVOA CALIBRATION

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

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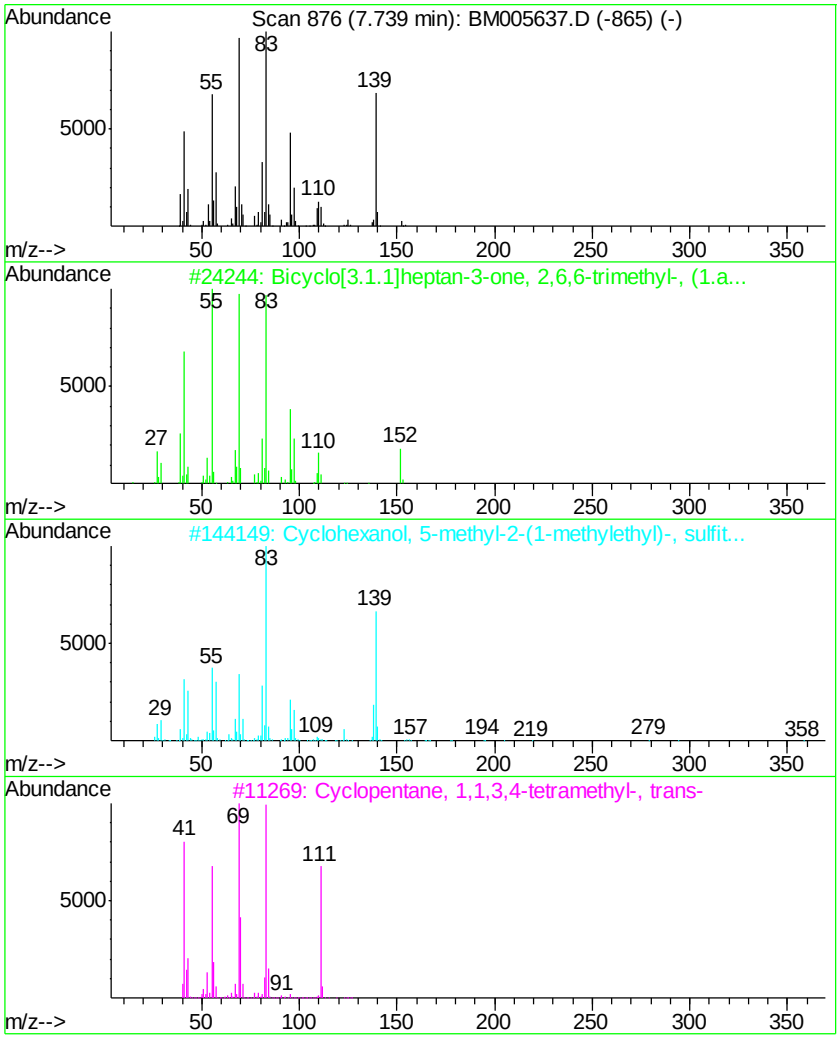
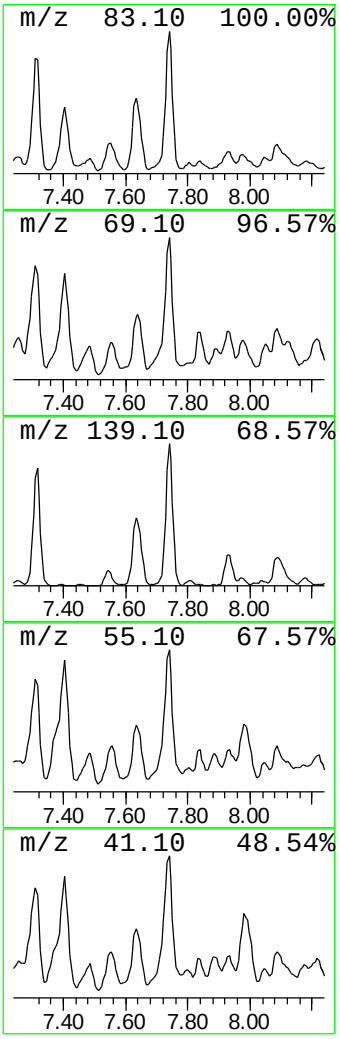
Peak Number 21 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	47.02 ng/ul	2245530	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	81
2	Cyclohexanol, 5-methyl-2-(1-meth...	358	C20H38O3S	026510-92-9	43
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	43
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	27
5	1,1,3,3,5-Pentamethylcyclohexane	154	C11H22	070810-19-4	27





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Quant Title : SVOA CALIBRATION

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

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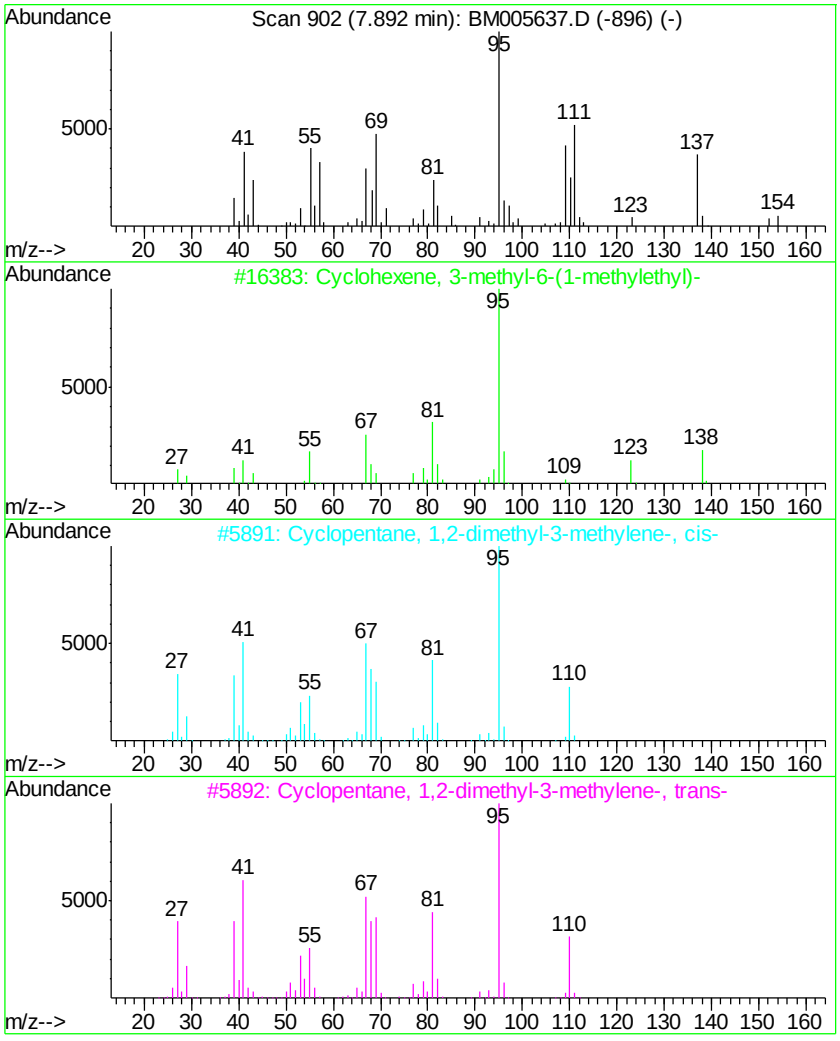
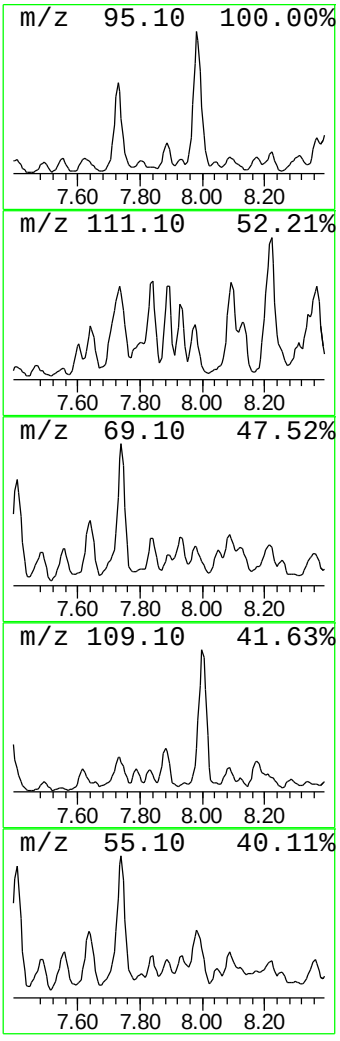
Peak Number 22 (DEL) Alkane: Branched7.89 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	6.37 ng/ul	304310	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	50
2	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	49
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	43
4	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	43
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	43





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ALS Vial : 23 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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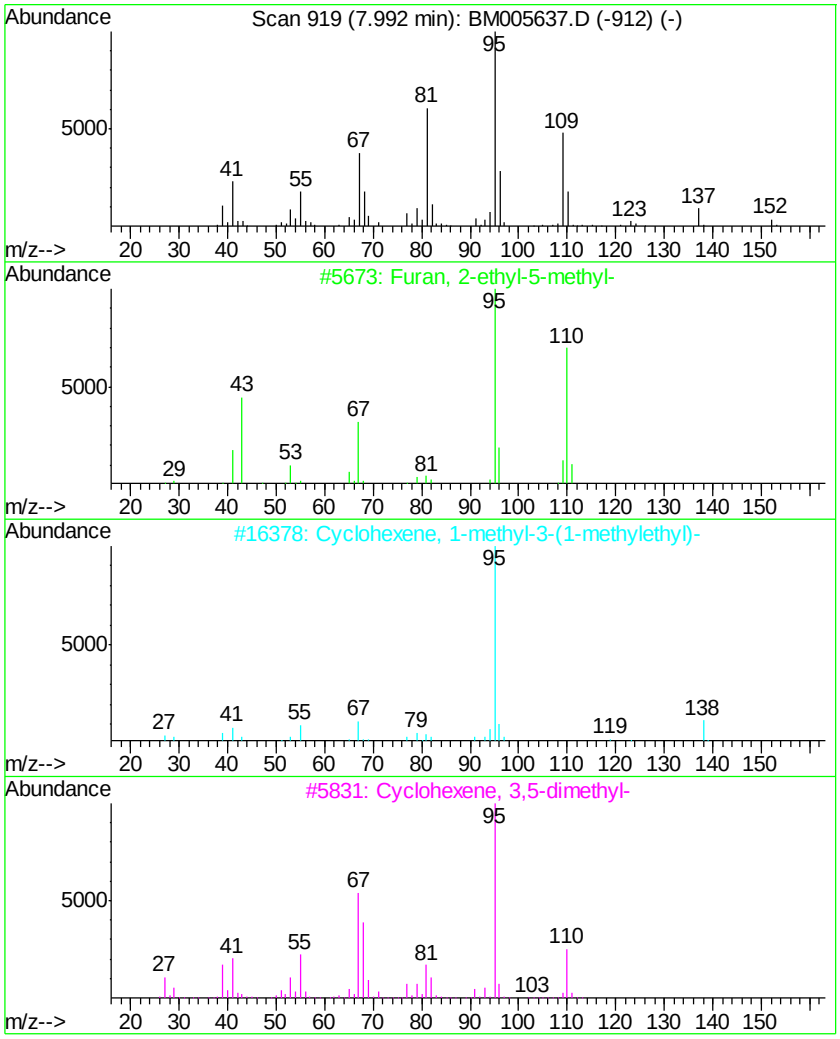
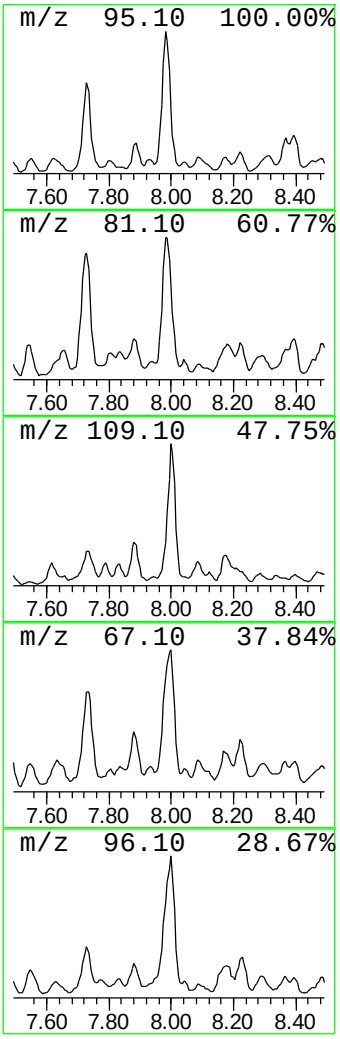
Peak Number 24 Furan, 2-ethyl-5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	32.13 ng/ul	1534090	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	53
2	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	47
3	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	43
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	43
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	38





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

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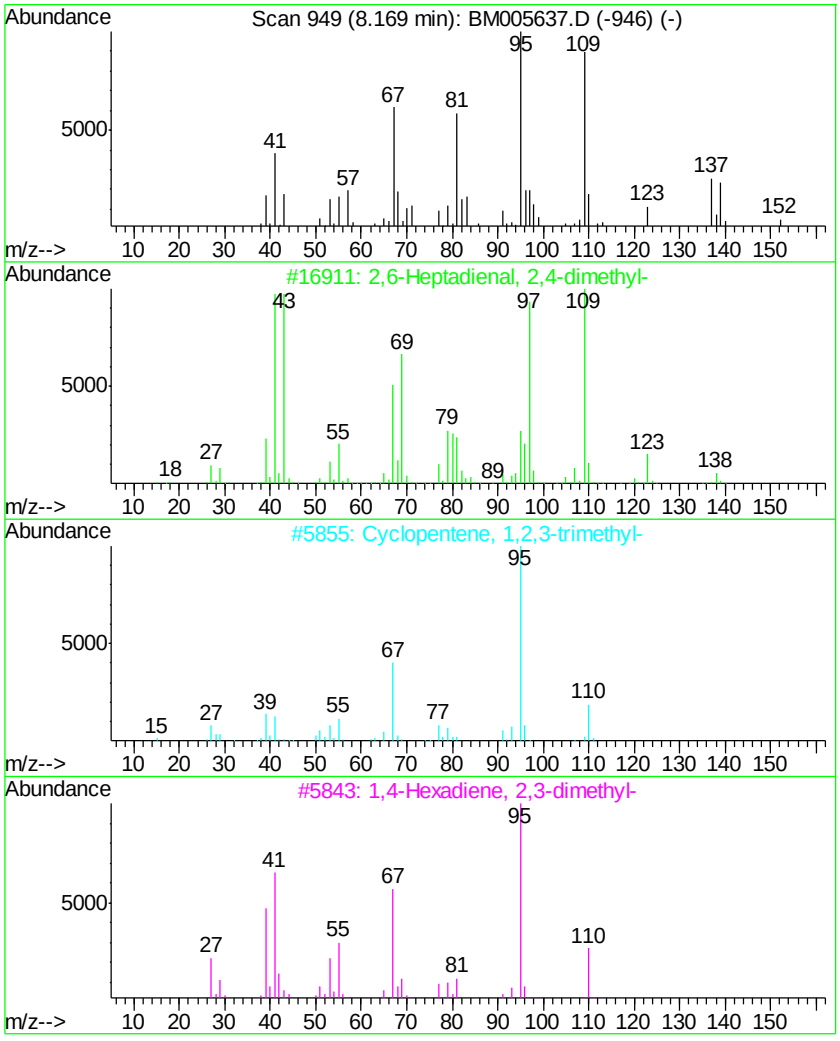
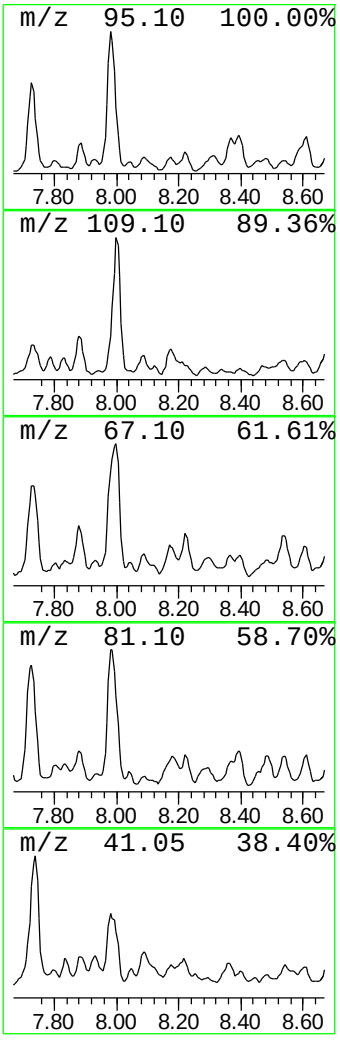
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	4.07 ng/ul	194343	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	43
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	38
3	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	38
4	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	38
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

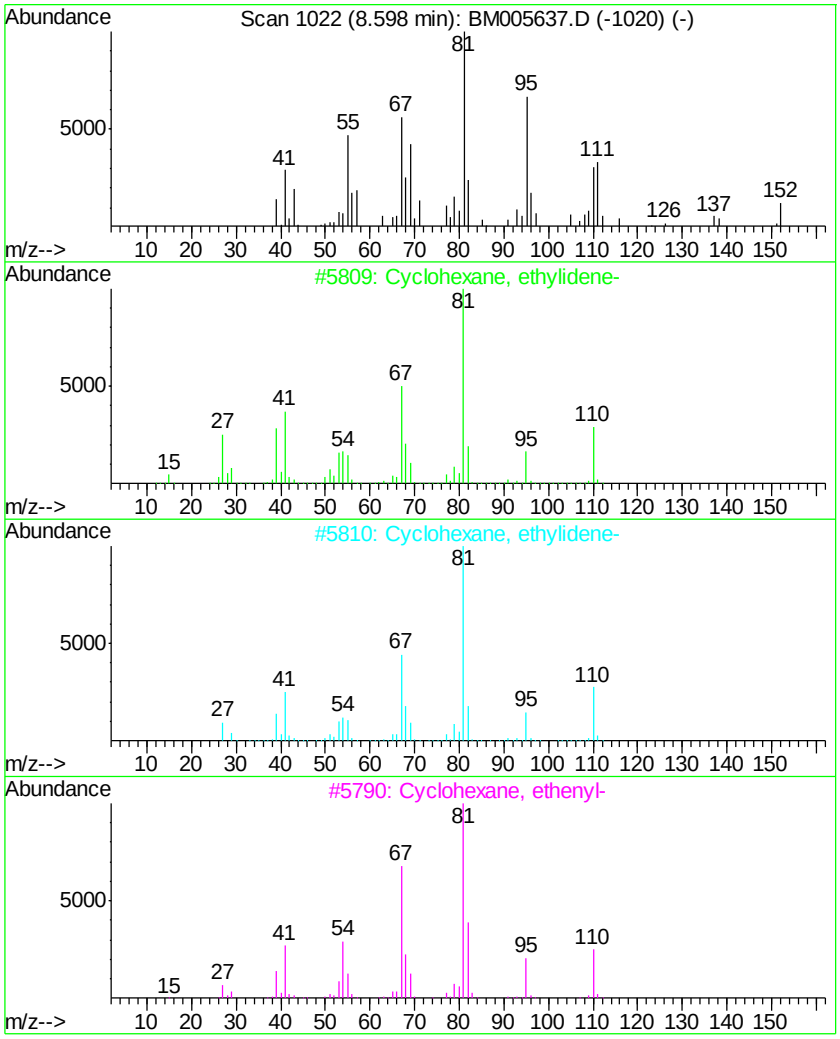
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

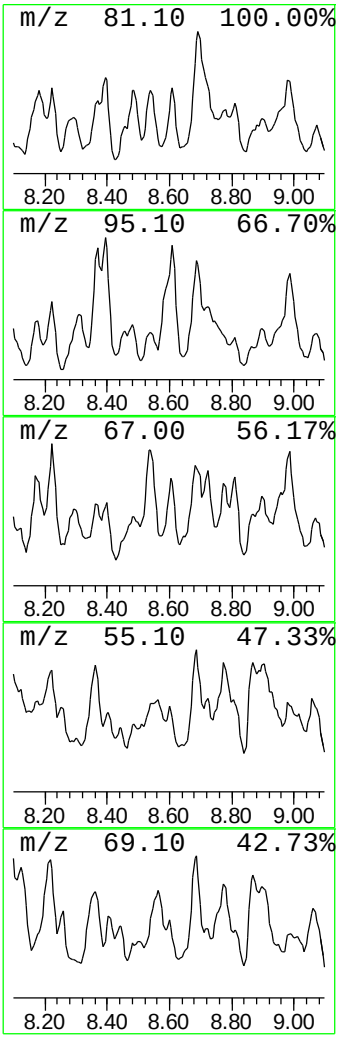
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Branched8.60 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	4.65 ng/ul	222017	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	52
2	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	52
3	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	49
4	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	49
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	49





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

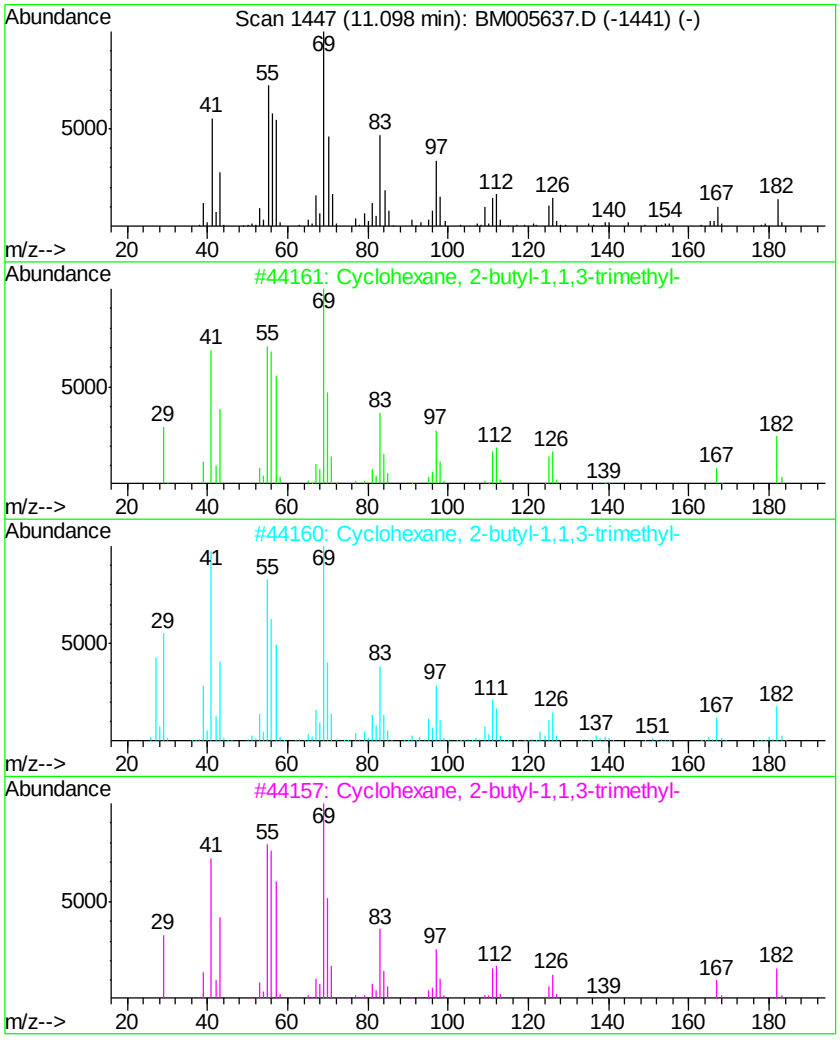
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

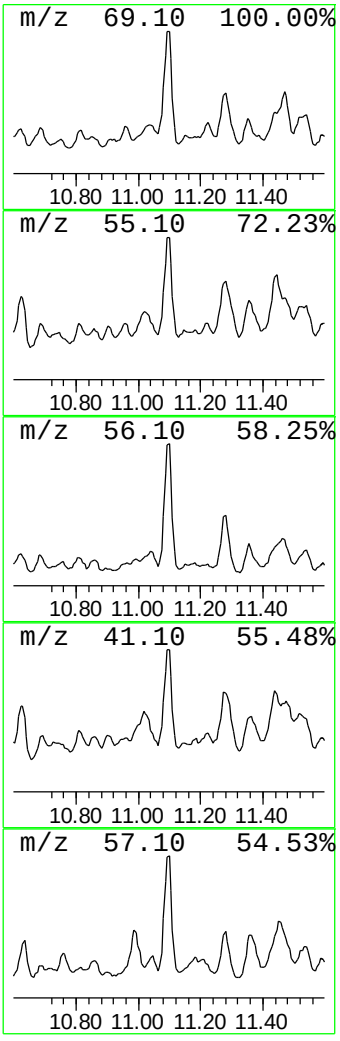
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	11.38 ng/ul	1036260	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	91
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
4	6-Tridecene, (Z)-	182	C13H26	006508-77-6	87
5	6-Tridecene	182	C13H26	024949-38-0	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

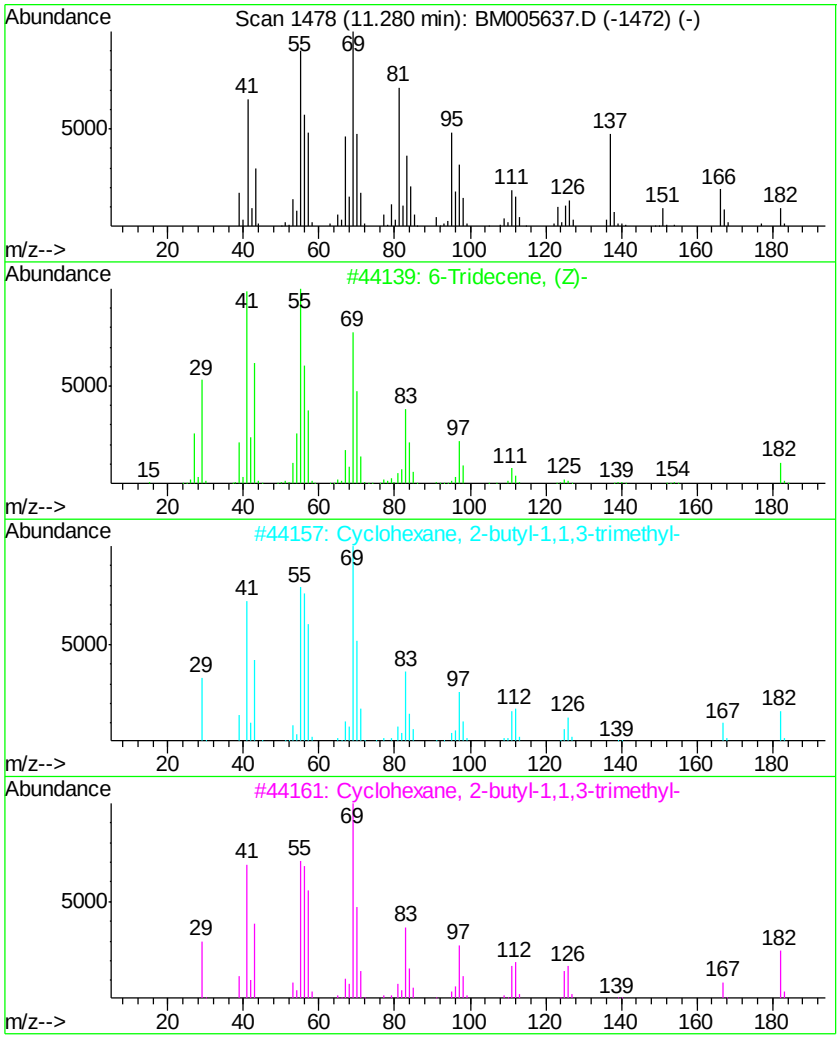
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

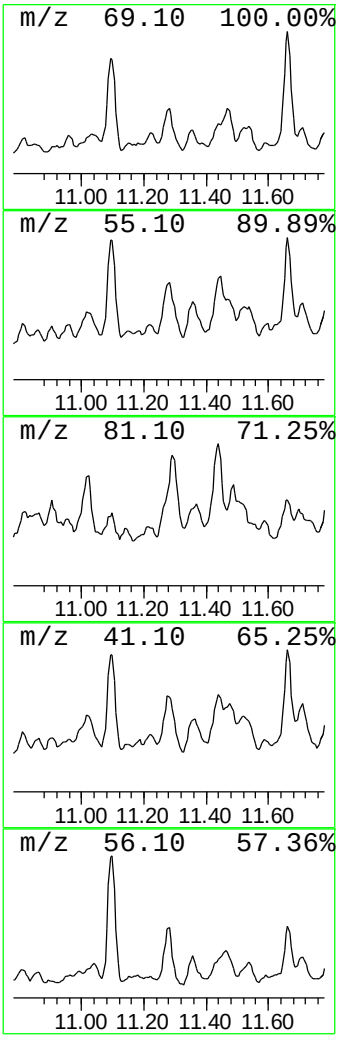
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	11.29 ng/ul	1027730	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, (Z)-	182	C13H26	006508-77-6	78
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	70
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	55
4	3-Tridecene, (E)-	182	C13H26	041446-57-5	53
5	Cyclodecane, methyl-	154	C11H22	013151-43-4	51





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

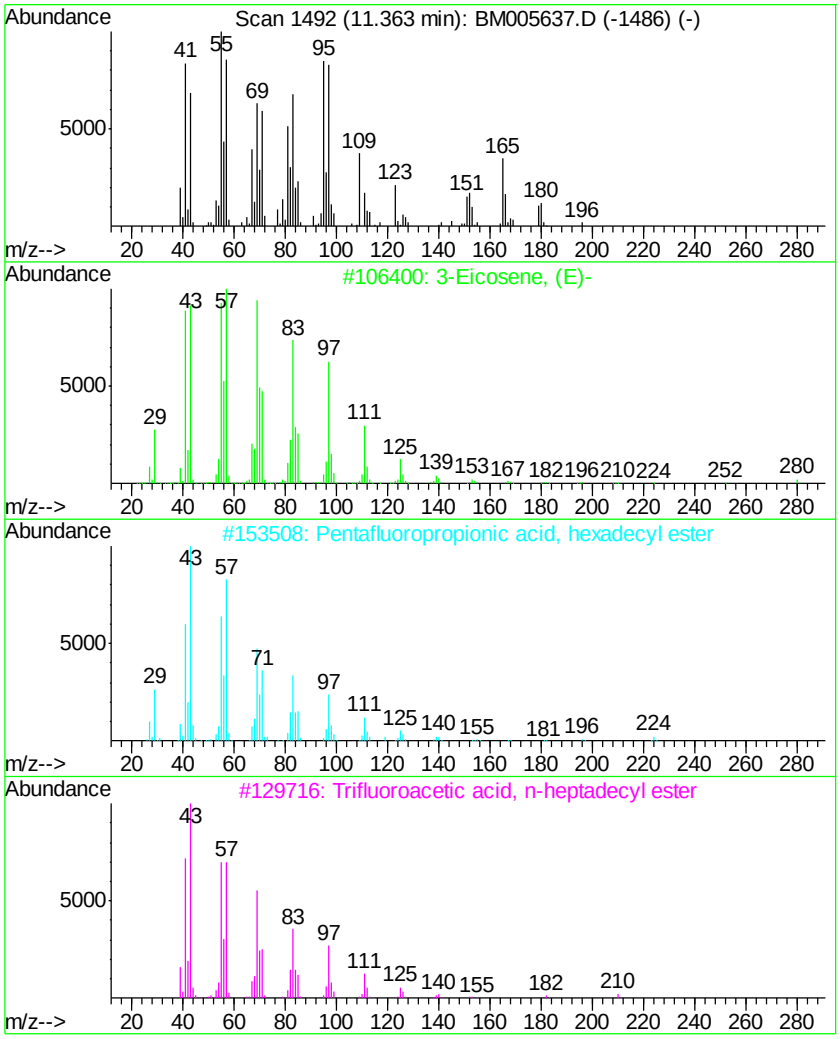
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

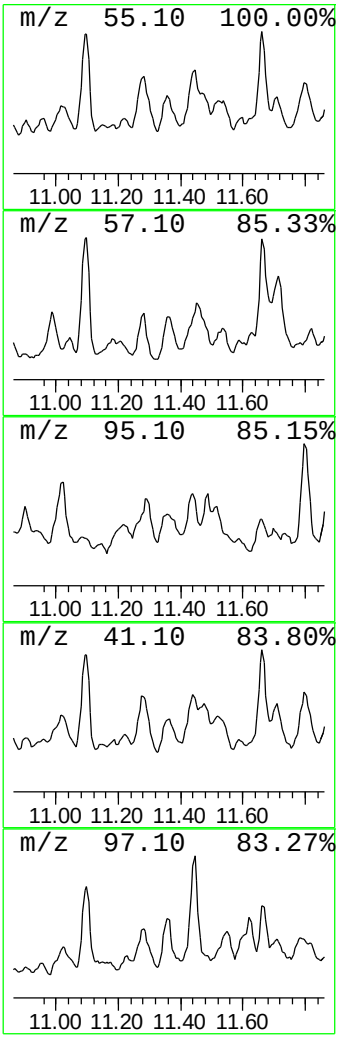
****

Peak Number 47 (DEL) Alkane: Branched11.36 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	7.23 ng/ul	658144	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	46
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	45
3	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	43
4	1-Docosene	308	C22H44	001599-67-3	41
5	3-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005637.D
Acq On : 24 May 2016 08:32
Operator : UM/SJ
Sample : H3087-16DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK9DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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...	5.44	2.3	ng/ul	108838	1	7.82	955065	20.0
(DEL) Alkane: Cyc...	5.81	2.1	ng/ul	101666	1	7.82	955065	20.0
(DEL) Alkane: Str...	5.91	7.1	ng/ul	340218	1	7.82	955065	20.0
(DEL) Alkane: Str...	6.21	4.6	ng/ul	220170	1	7.82	955065	20.0
(DEL) Alkane: Str...	6.28	2.8	ng/ul	133615	1	7.82	955065	20.0
(DEL) Alkane: Cyc...	6.50	19.6	ng/ul	936467	1	7.82	955065	20.0
(DEL) Alkane: Str...	6.63	7.9	ng/ul	376496	1	7.82	955065	20.0
(DEL) Alkane: Str...	6.69	2.9	ng/ul	139552	1	7.82	955065	20.0
(DEL) Alkane: Bra...	6.77	4.2	ng/ul	200282	1	7.82	955065	20.0
(DEL) Alkane: Str...	6.84	14.2	ng/ul	678687	1	7.82	955065	20.0
2,4-Dodecadienal	7.09	10.8	ng/ul	513651	1	7.82	955065	20.0
(DEL) Alkane: Bra...	7.55	13.2	ng/ul	628666	1	7.82	955065	20.0
(DEL) Alkane: Cyc...	7.63	17.8	ng/ul	848434	1	7.82	955065	20.0
Bicyclo[3.1.1]hep...	7.74	47.0	ng/ul	2245530	1	7.82	955065	20.0
(DEL) Alkane: Bra...	7.89	6.4	ng/ul	304310	1	7.82	955065	20.0
Furan, 2-ethyl-5-...	7.99	32.1	ng/ul	1534090	1	7.82	955065	20.0
(DEL) Alkane: Str...	8.17	4.1	ng/ul	194343	1	7.82	955065	20.0
(DEL) Alkane: Bra...	8.60	4.7	ng/ul	222017	1	7.82	955065	20.0
(DEL) Alkane: Str...	11.10	11.4	ng/ul	1036260	2	10.62	1821110	20.0
(DEL) Alkane: Str...	11.28	11.3	ng/ul	1027730	2	10.62	1821110	20.0
(DEL) Alkane: Bra...	11.36	7.2	ng/ul	658144	2	10.62	1821110	20.0