LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

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\SOM-EPA-BM102417.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	4.563	247	251	259	rVB	2811390	4209996	5.66%	0.356%
2	4.646	259	265	270	rBV2	1207199	2108299	2.83%	0.178%
3	4.940	311	315	321	rVV	2528518	3975457	5.34%	0.336%
4	5.004	321	326	330	rVV4	1673812	3232035	4.34%	0.273%
5	5.052	330	334	338	rVV	1913687	2878870	3.87%	0.243%
6	5.104	338	343	348	rVV	5904378	9469023	12.72%	0.800%
7	5.163	348	353	357	rVV	1833949	3224476	4.33%	0.272%
8	5.222	357	363	366	rVV	918140	1935698	2.60%	0.163%
9	5.263	366	370	373	rVV	1720394	2704148	3.63%	0.228%
10	5.304	373	377	379	rVV	1177069	2007125	2.70%	0.170%
11	5.340	379	383	392	rVB	6246644	9727018	13.07%	0.822%
12	5.599	420	427	436	rVB4	1672501	4203951	5.65%	0.355%
13	5.704	436	445	451	rBV2	3728877	6833607	9.18%	0.577%
14	5.775	451	457	462	rBV3	3885704	7673877	10.31%	0.648%
15	5.857	465	471	475	rBV	8160358	11993986	16.11%	1.013%
16	5.922	475	482	489	rVB	6704015	12215897	16.41%	1.032%
17	5.993	489	494	503	rBV	4675339	7871338	10.57%	0.665%
18	6.075	503	508	516	rVB2	2169890	4037055	5.42%	0.341%
19	6.175	516	525	532	rBV3	13985507	35883746	48.21%	3.031%
20	6.228	532	534	538	rVB3	2646635	3365340	4.52%	0.284%
21	6.275	538	542	543	rBV	3466611	4264260	5.73%	0.360%
22	6.387	555	561	569	rBV5	15046815	36322977	48.80%	3.068%
23	6.451	569	572	576	rBV2	2203920	3062011	4.11%	0.259%
24	6.534	576	586	590	rBV4	22067855	55427923	74.47%	4.681%
25	6.651	601	606	611	rVB2	6567103	11132036	14.96%	0.940%
26	6.716	611	617	623	rVB3	8157047	14032628	18.85%	1.185%
27	6.793	623	630	636	rVB4	6400675	15716426	21.11%	1.327%
28	6.875	636	644	652	rBV4	5826203	16515480	22.19%	1.395%
29	6.993	659	664	667	rBV2	5165503	8394167	11.28%	0.709%
30	7.040	667	672	679	rVV3	24457842	50312916	67.59%	4.249%
31	7.175	691	695	698	rBV	4844927	7351131	9.88%	0.621%
32	7.222	698	703	708	rVV3	10106919	19202997	25.80%	1.622%
33	7.281	708	713	716	rVV3	11105807	16679217	22.41%	1.409%
34	7.316	716	719	723	rVV2	7815158	11196076	15.04%	0.946%

LSC Area Percent Report

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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

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\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

35	7.387	723	731	736	rVV	18002576	37390488	50.23%	3.158%
36	7.457	739	743	754	rVB3	15676251	37436583	50.30%	3.162%
37	7.551	754	759	760	rBV3	4048904	5441950	7.31%	0.460%
38	7.575	760	763	765	rBV	2402075	2894598	3.89%	0.244%
39	7.610	765	769	775	rVB4	9066561	17256061	23.18%	1.457%
40	7.663	775	778	781	rVB	3395123	3649948	4.90%	0.308%
41	7.710	781	786	792	rBV6	6897036	17444242	23.44%	1.473%
42	7.793	796	800	803	rBV3	8801066	14180920	19.05%	1.198%
43	7.969	820	830	835	rBV3	8780909	19363585	26.01%	1.635%
44	8.022	835	839	844	rVV4	5131016	13005585	17.47%	1.098%
45	8.087	844	850	854	rVV2	17066732	31702135	42.59%	2.677%
46	8.122	854	856	859	rVV2	6069056	8900362	11.96%	0.752%
47	8.181	860	866	873	rVV2	25470660	52712666	70.82%	4.452%
48	8.245	873	877	884	rVV3	9832457	19280754	25.90%	1.628%
49	8.304	884	887	888	rVV2	1952083	2309872	3.10%	0.195%
50	8.340	888	893	897	rVV3	6006420	11857895	15.93%	1.001%
51	8.392	897	902	905	rVV2	5489533	12013730	16.14%	1.015%
52	8.451	909	912	918	rVV	10098057	15490280	20.81%	1.308%
53	8.528	922	925	929	rVB3	1533952	1786483	2.40%	0.151%
54	8.587	929	935	940	rBV4	5265228	11254715	15.12%	0.951%
55	8.687	949	952	954	rBV4	1710171	1852978	2.49%	0.156%
56	8.728	954	959	964	rBV	20153362	32465658	43.62%	2.742%
57	8.881	980	985	994	rBV5	3318988	8411771	11.30%	0.710%
58	8.998	994	1005	1014	rBV3	33111511	74433950	100.00%	6.287%
59	9.092	1014	1021	1028	rVB6	12710501	25028606	33.63%	2.114%
60	9.157	1029	1032	1036	rVB	6022035	8563566	11.50%	0.723%
61	9.210	1036	1041	1043	rBV3	11526276	18939894	25.45%	1.600%
62	9.351	1054	1065	1073	rVB3	6664633	21161842	28.43%	1.787%
63	9.475	1073	1086	1089	rBV8	3979740	13415093	18.02%	1.133%
64	9.516	1089	1093	1099	rVV2	8979707	16647156	22.37%	1.406%
65	9.616	1103	1110	1114	rVB3	10574220	18289726	24.57%	1.545%
66	9.775	1131	1137	1140	rBV3	5598578	9914387	13.32%	0.837%
67	9.816	1140	1144	1148	rVB	8669005	12376753	16.63%	1.045%
68	9.875	1148	1154	1162	rBV4	16091548	30551357	41.04%	2.580%
69	9.969	1167	1170	1174	rVB2	1954171	2502375	3.36%	0.211%
70	10.086	1185	1190	1196	rBV2	8540282	15253405	20.49%	1.288%
71	10.269	1215	1221	1225	rBV5	2704935	5735210	7.71%	0.484%

LSC Area Percent Report

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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

72	10.386	1235	1241	1245	rBV	4176272	7133617	9.58%	0.602%
73	10.469	1250	1255	1259	rVB3	1274116	2005879	2.69%	0.169%
74	10.581	1272	1274	1280	rVV2	1570082	3145070	4.23%	0.266%
75	10.675	1281	1290	1295	rVV2	4998895	14937728	20.07%	1.262%
76	10.728	1296	1299	1307	rVV7	2270621	6158155	8.27%	0.520%
77	10.798	1307	1311	1316	rVV5	2845004	5860256	7.87%	0.495%
78	10.845	1316	1319	1324	rVV	2919699	4055518	5.45%	0.343%
79	10.898	1324	1328	1336	rVB3	1668324	2845697	3.82%	0.240%
80	10.981	1338	1342	1347	rVB2	1199637	2094856	2.81%	0.177%
81	11.586	1439	1445	1454	rVB9	750775	2020593	2.71%	0.171%
82	11.710	1460	1466	1470	rBV	2587272	4008468	5.39%	0.339%
83	12.304	1563	1567	1576	rVB5	683729	1904553	2.56%	0.161%
84	13.057	1690	1695	1700	rVB2	1728979	2446356	3.29%	0.207%
85	13.922	1838	1842	1847	rBV	1422965	2336896	3.14%	0.197%
86	14.004	1852	1856	1860	rVB	1956154	2603619	3.50%	0.220%
87	14.204	1886	1890	1896	rVB	1708305	2343526	3.15%	0.198%
88	14.516	1934	1943	1949	rBV2	4315045	7494723	10.07%	0.633%
89	15.504	2106	2111	2116	rVB	2167471	3112676	4.18%	0.263%
90	16.251	2231	2238	2243	rBV	1995323	3261921	4.38%	0.275%
91	17.251	2403	2408	2413	rBV2	4846821	7261557	9.76%	0.613%
92	17.351	2420	2425	2436	rVB	2205704	3299867	4.43%	0.279%
93	18.539	2623	2627	2634	rVB2	1461480	2287242	3.07%	0.193%
94	18.874	2679	2684	2688	rVB	3772072	4757379	6.39%	0.402%
95	19.004	2701	2706	2710	rBV	1296973	1780131	2.39%	0.150%
96	19.362	2762	2767	2772	rVB	6003801	7299833	9.81%	0.617%
97	19.639	2809	2814	2817	rBV	2211680	3123527	4.20%	0.264%
98	20.086	2886	2890	2896	rVB	2327638	2808017	3.77%	0.237%
99	21.421	3113	3117	3121	rBV	4773539	5908930	7.94%	0.499%
100	23.733	3505	3510	3516	rVB	3070279	5646559	7.59%	0.477%

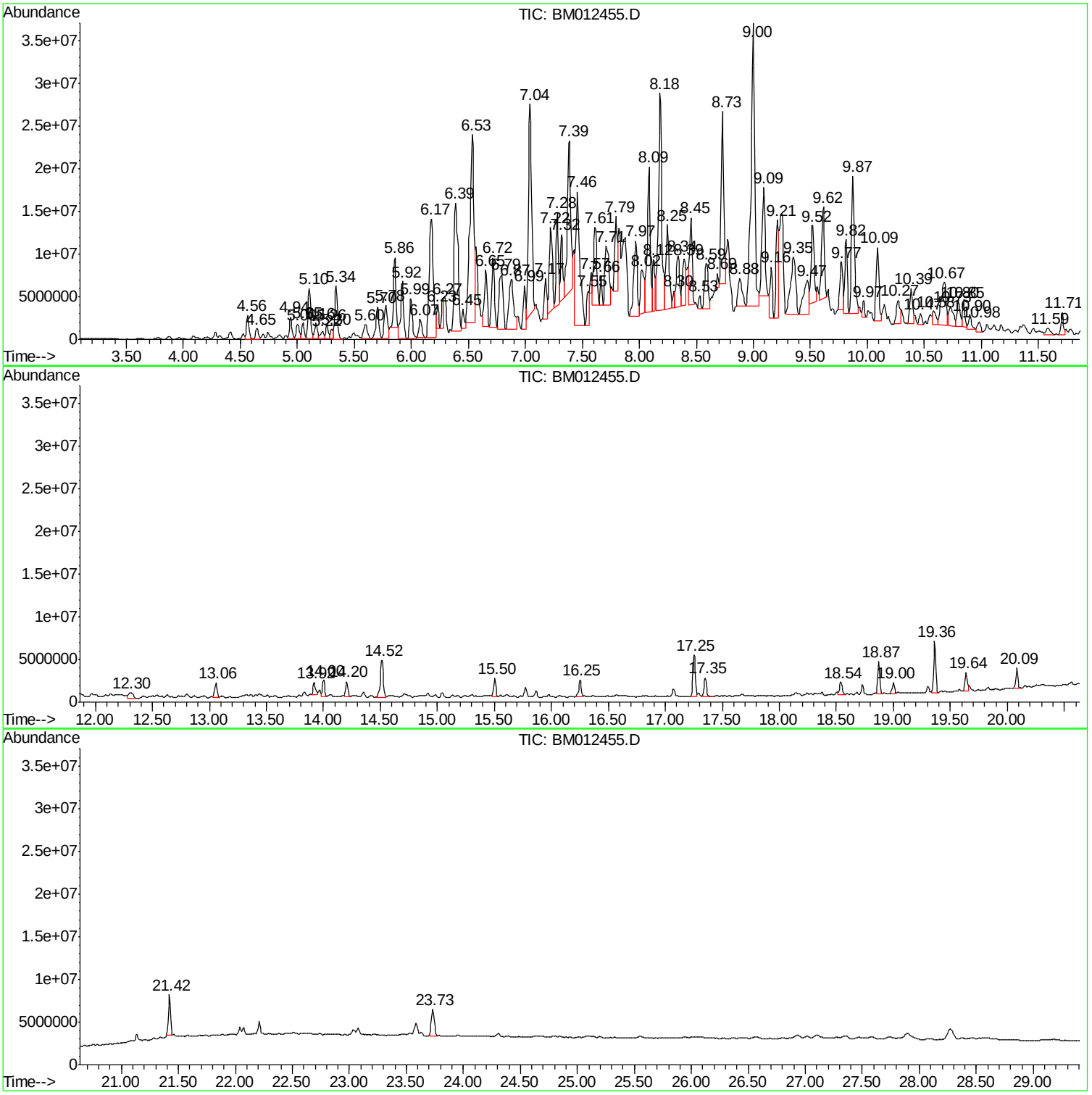
Sum of corrected areas: 1184020915

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
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Sample : I5719-10 2X
Misc :
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Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

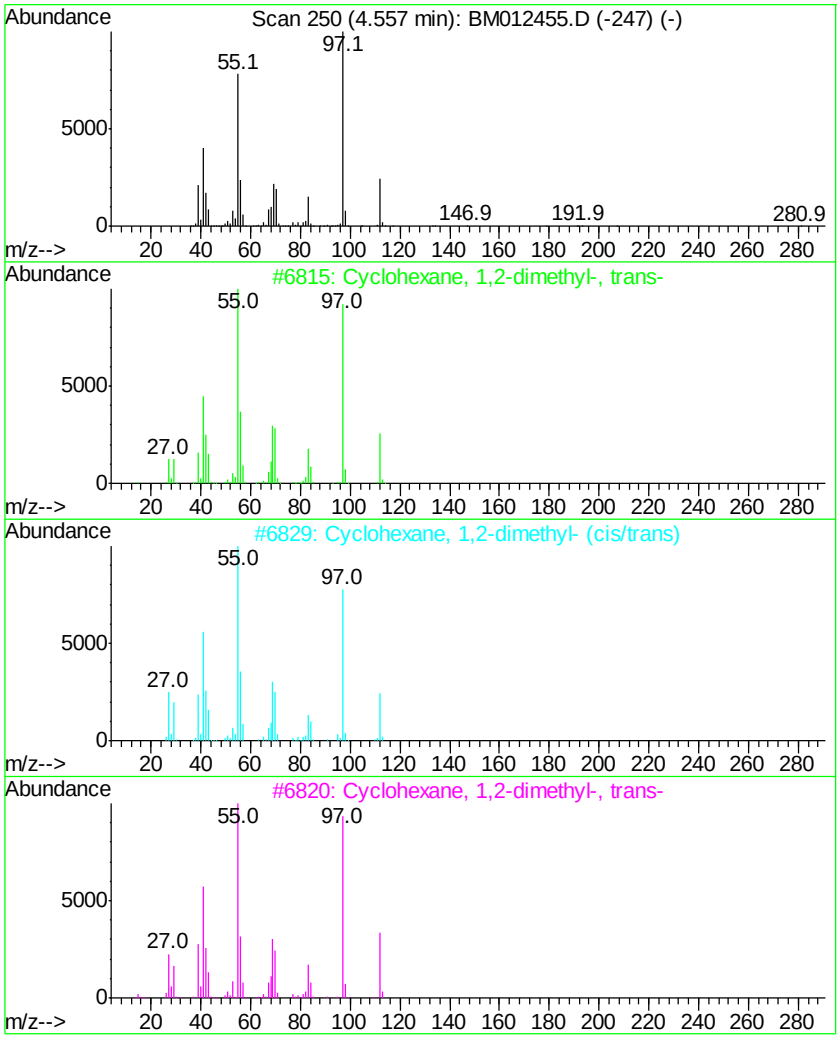
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

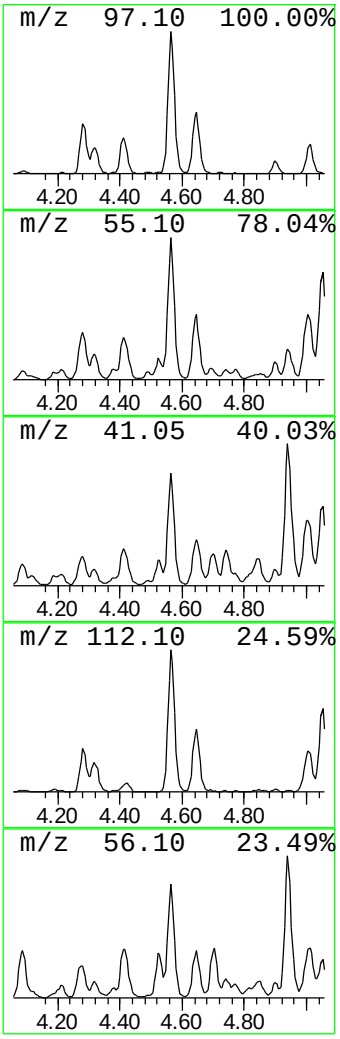
****

Peak Number 1 (DEL) Alkane: Cyclic4.56 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	4.35 ng/ul	4210000	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

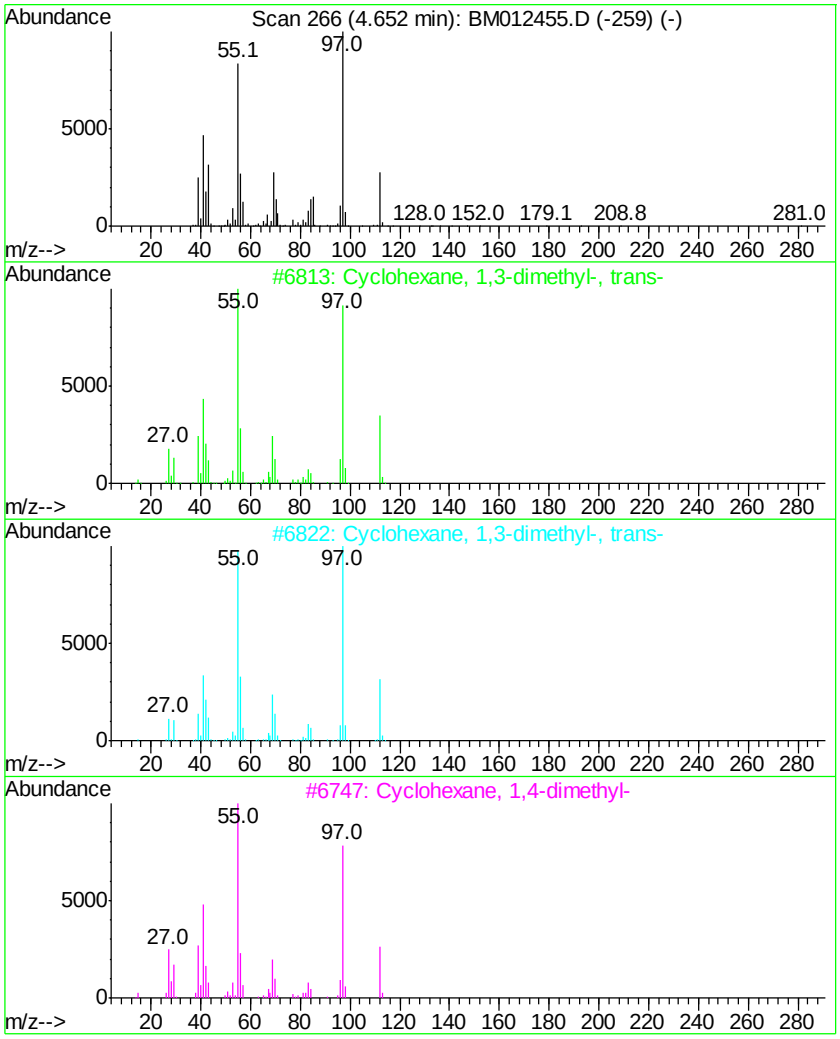
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

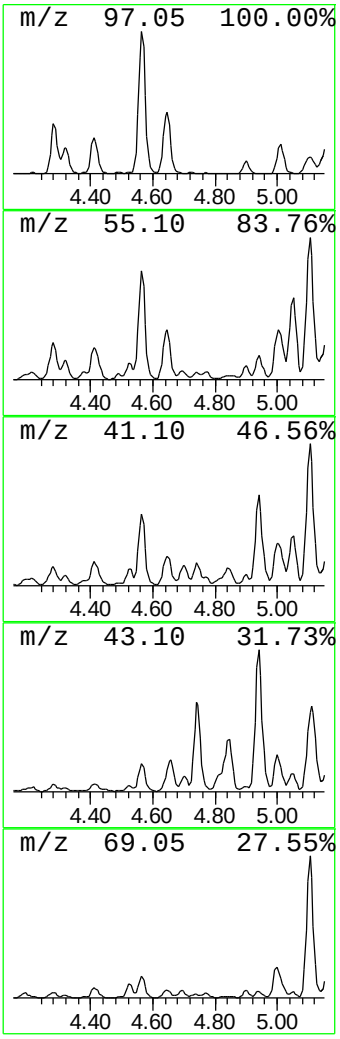
****

Peak Number 2 (DEL) Alkane: Cyclic4.65 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	2.18 ng/ul	2108300	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	95
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
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Sample : I5719-10 2X
Misc :
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Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

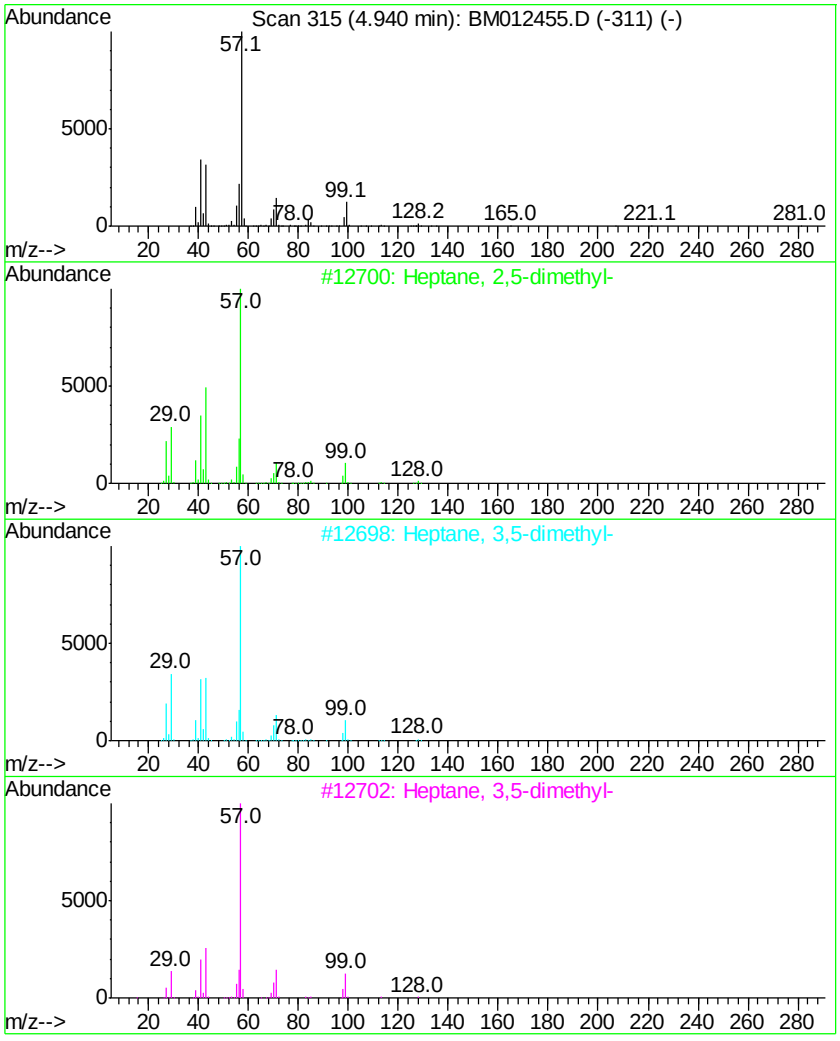
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

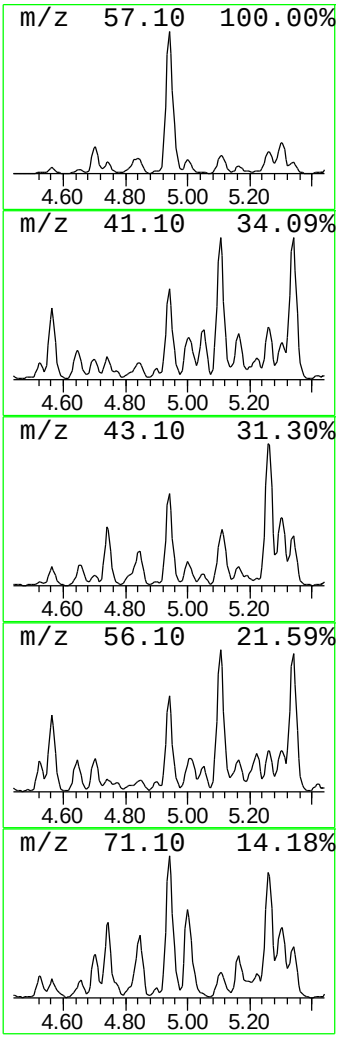
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	4.11 ng/ul	3975460	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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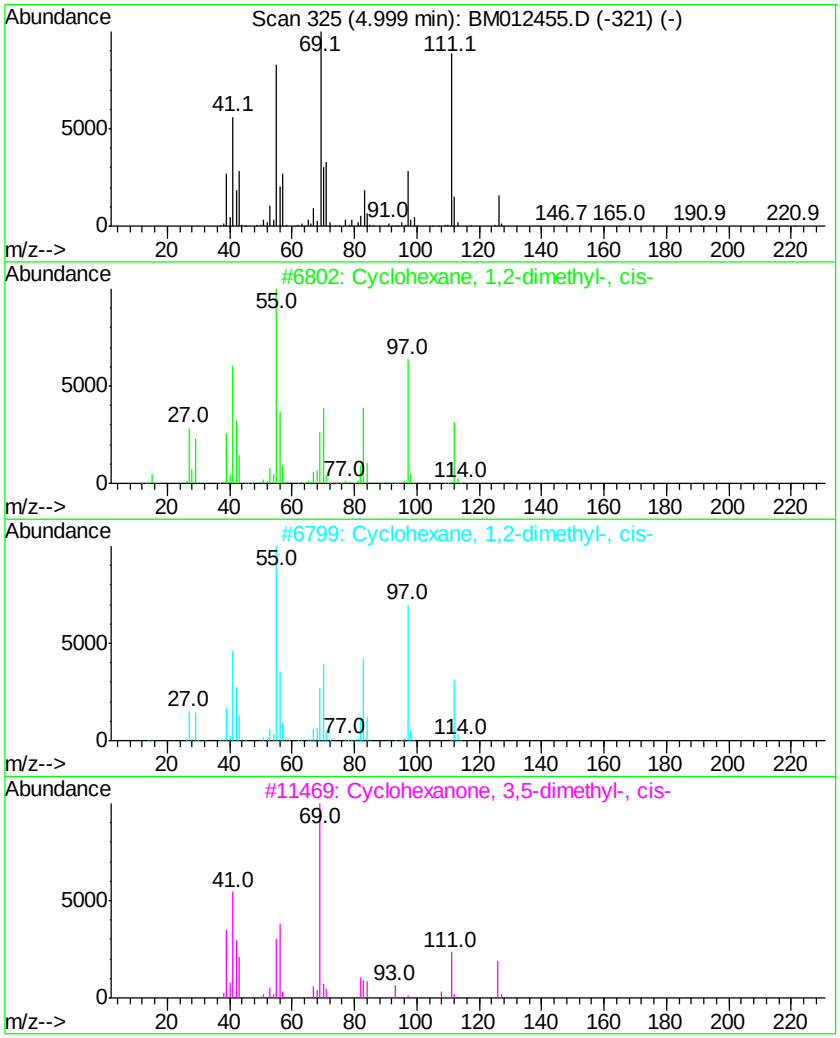
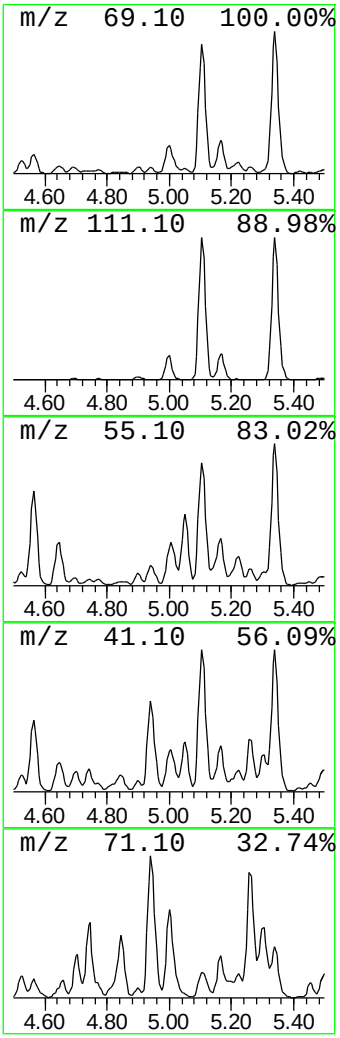
Peak Number 4 (DEL) Alkane: Cyclic5.00 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.34 ng/ul	3232040	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	46
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	46
3	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	43
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
5	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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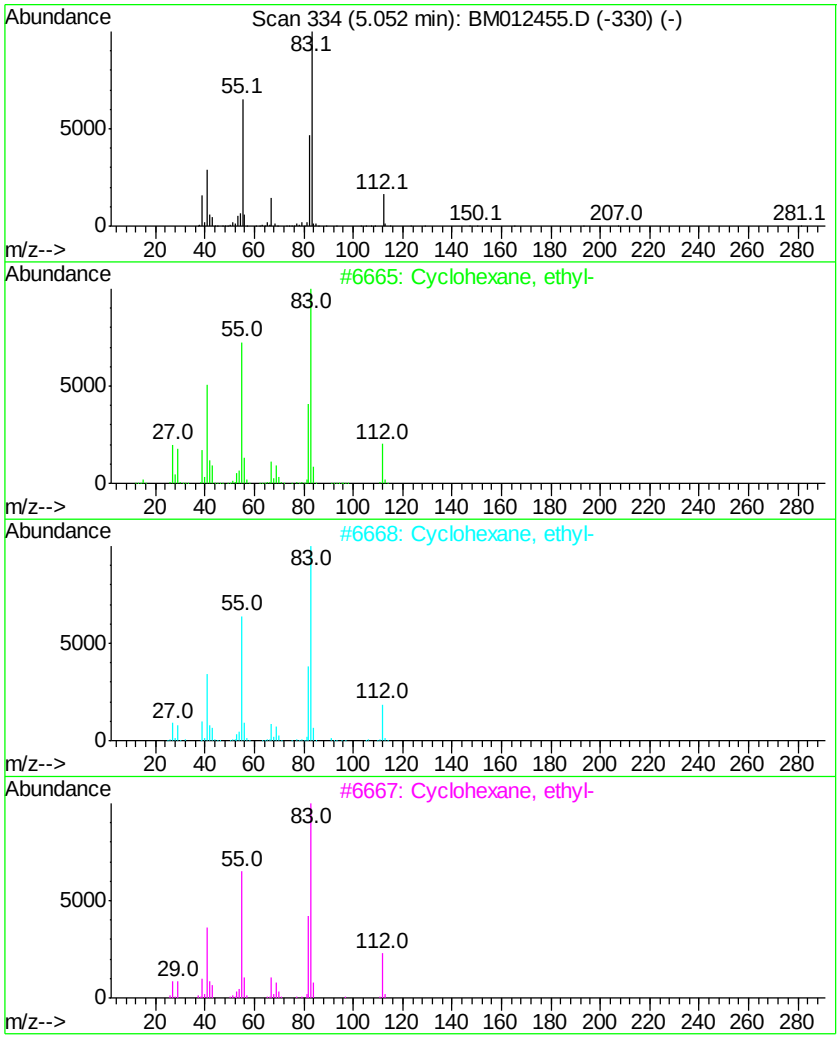
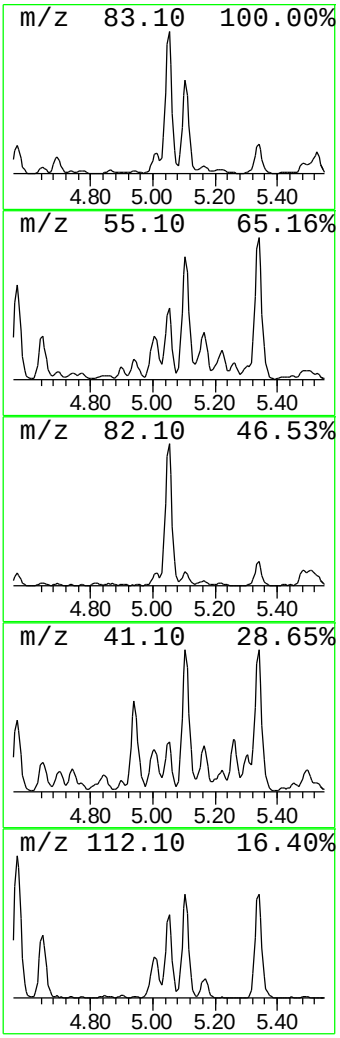
Peak Number 5 (DEL) Alkane: Cyclic5.05 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.97 ng/ul	2878870	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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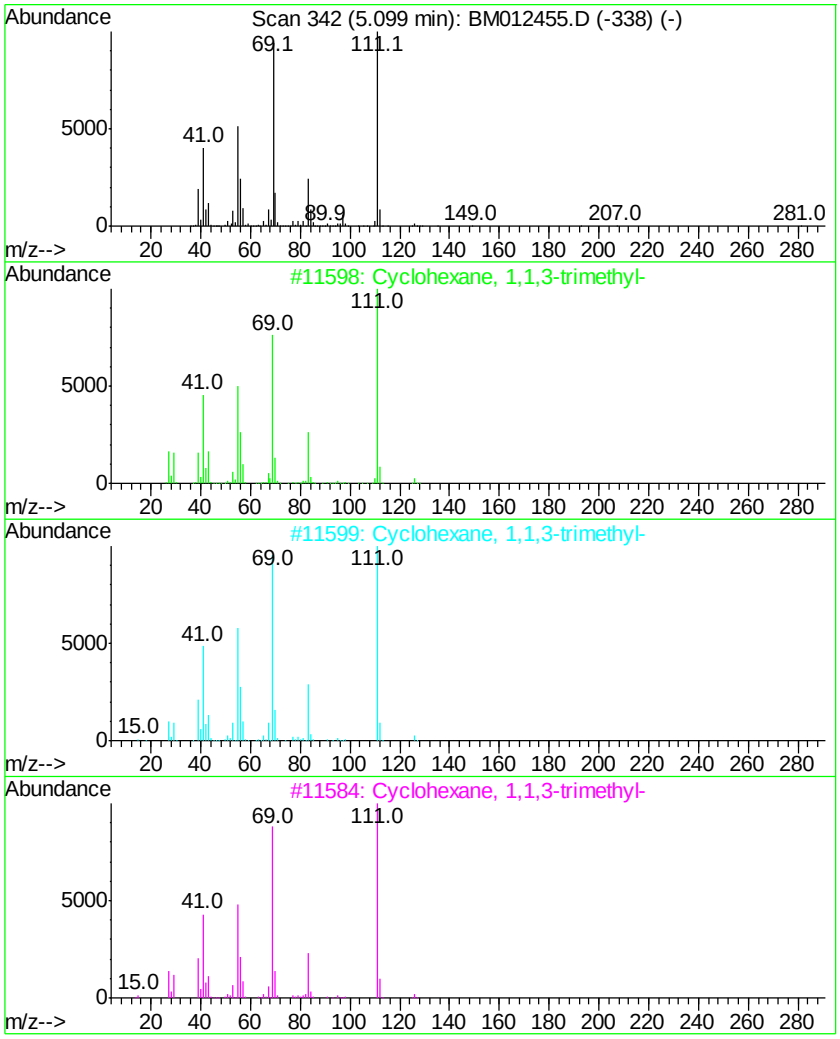
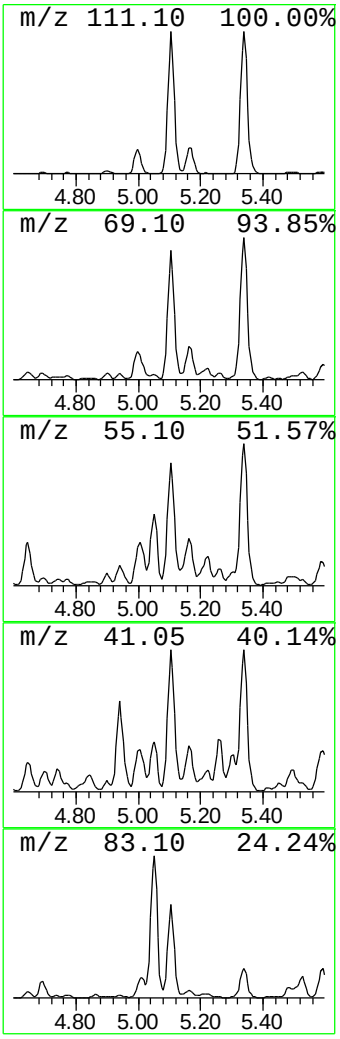
Peak Number 6 (DEL) Alkane: Cyclic5.10 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	9.78 ng/ul	9469020	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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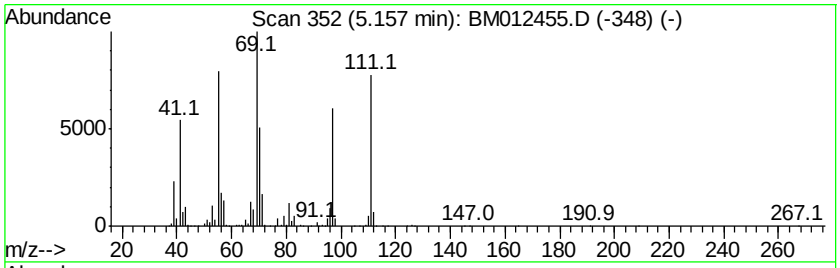
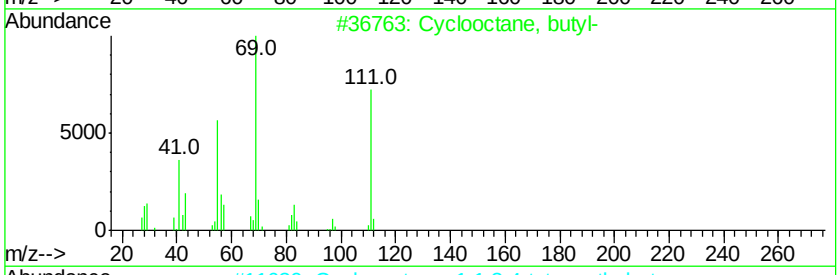
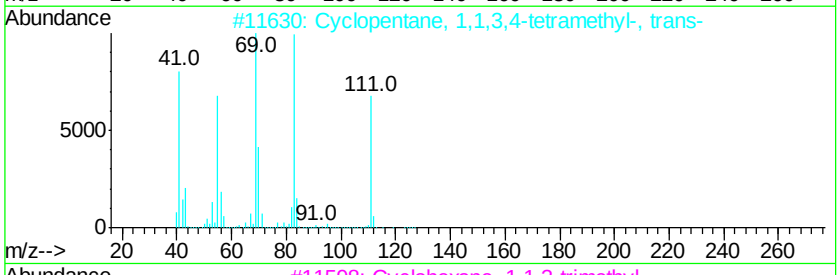
Peak Number 7 (DEL) Alkane: Cyclic5.16 Concentration Rank 65

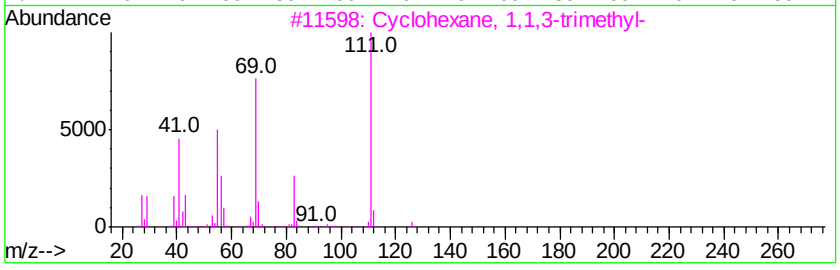
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	3.33 ng/ul	3224480	1,4-Dichlorobenzene-d4	7.89

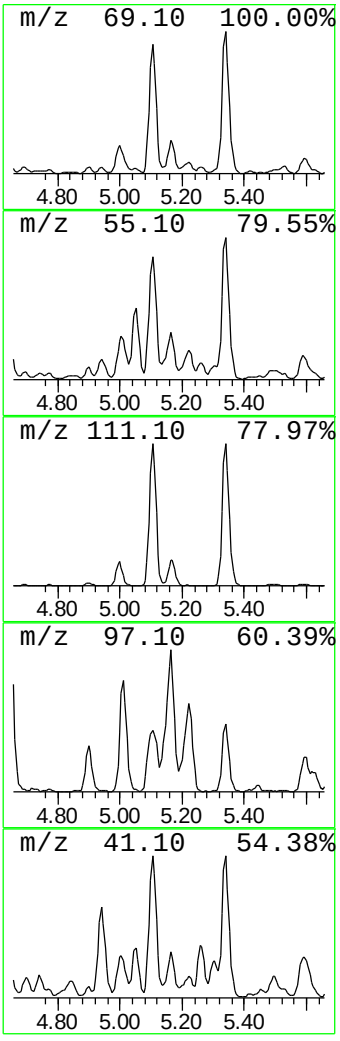
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, butyl-	168	C12H24	016538-93-5	53
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	50
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	47
5	Isocytosine	111	C4H5N3O	000108-53-2	38











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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

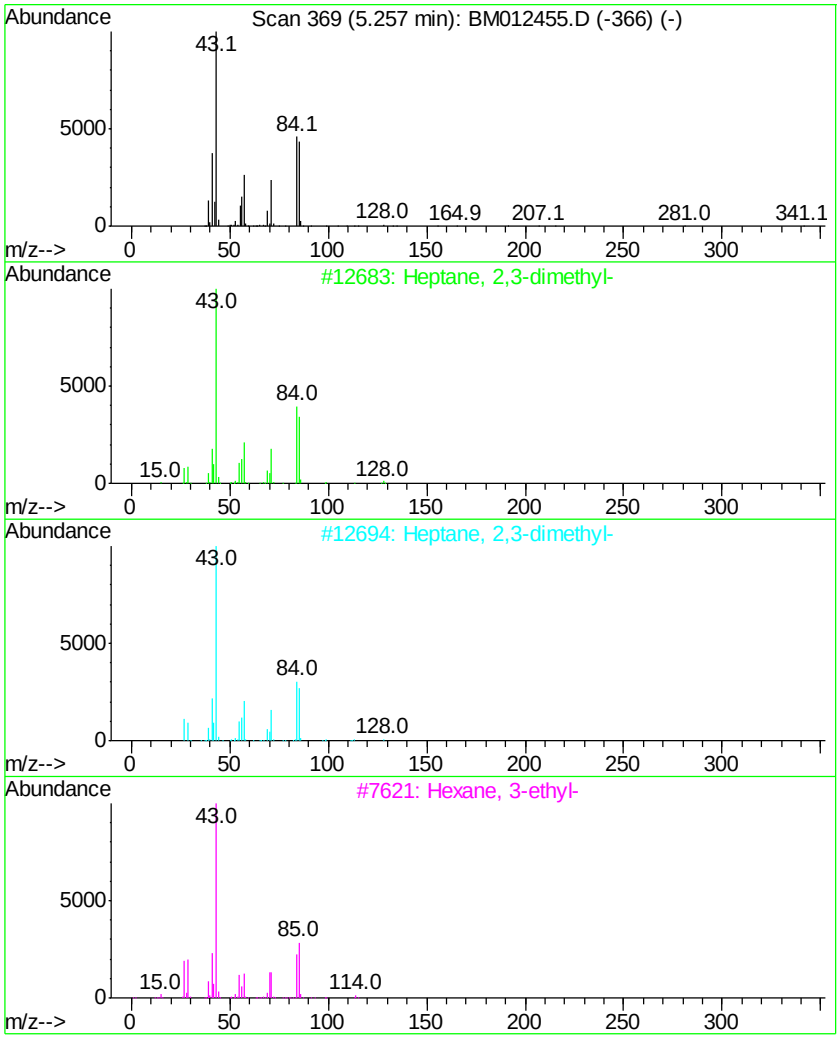
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

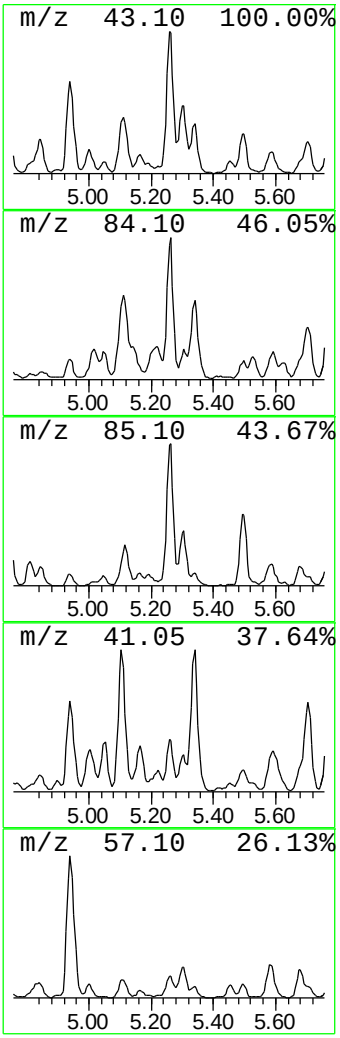
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	2.79 ng/ul	2704150	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	87
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	83
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78





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Acq On : 25 Oct 2017 21:47
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Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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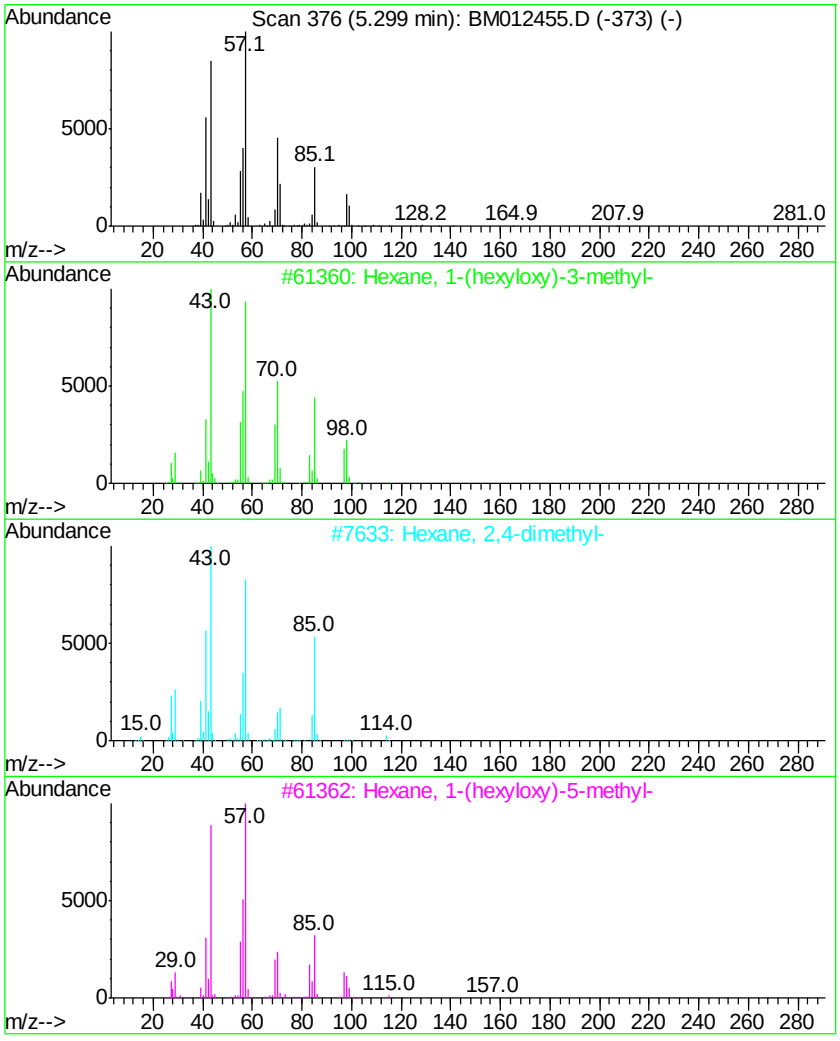
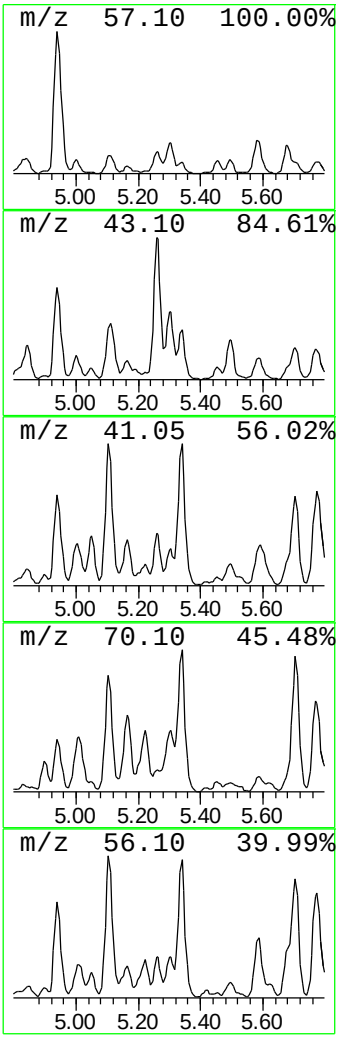
Peak Number 9 Hexane, 1-(hexyloxy)-3-methyl- Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	2.07 ng/ul	2007130	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	59
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
3	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	50
4	(2,2-Dimethylcyclobutyl)methylamine	113	C7H15N	1000195-04-0	47
5	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	47





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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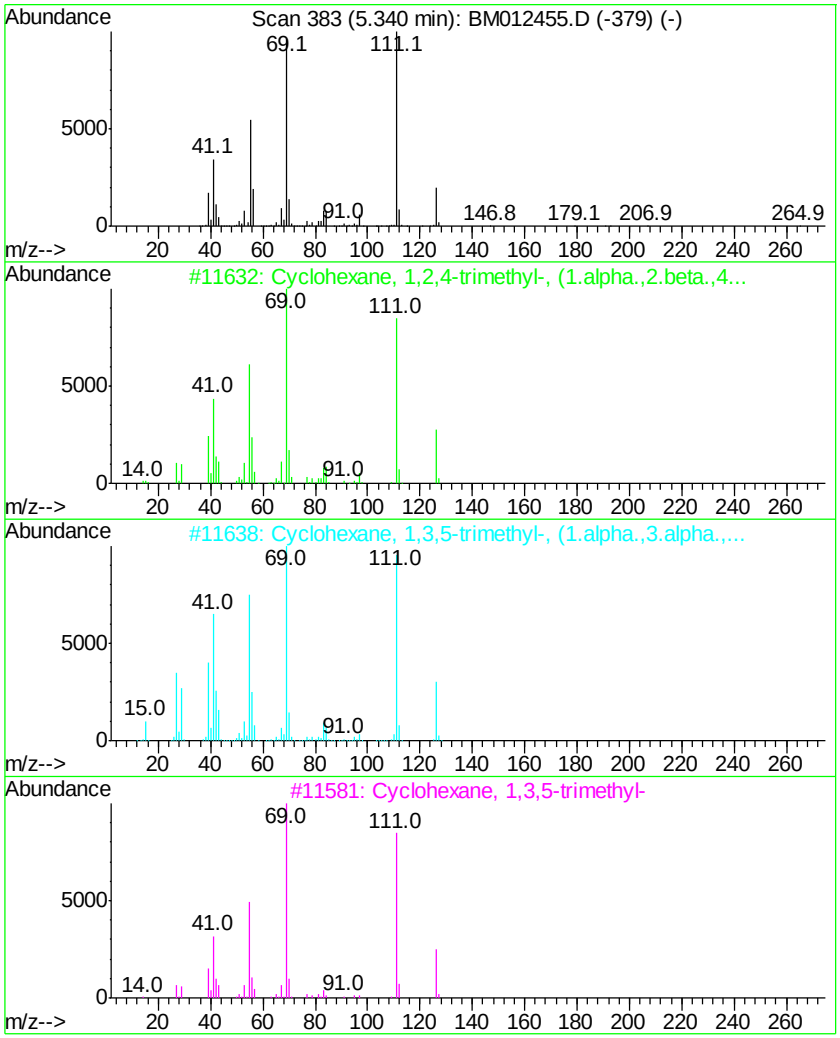
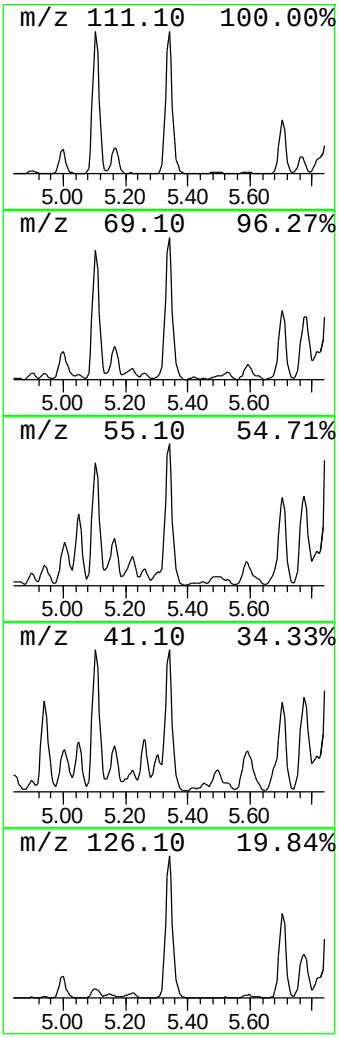
Peak Number 10 (DEL) Alkane: Cyclic5.34 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	10.05 ng/ul	9727020	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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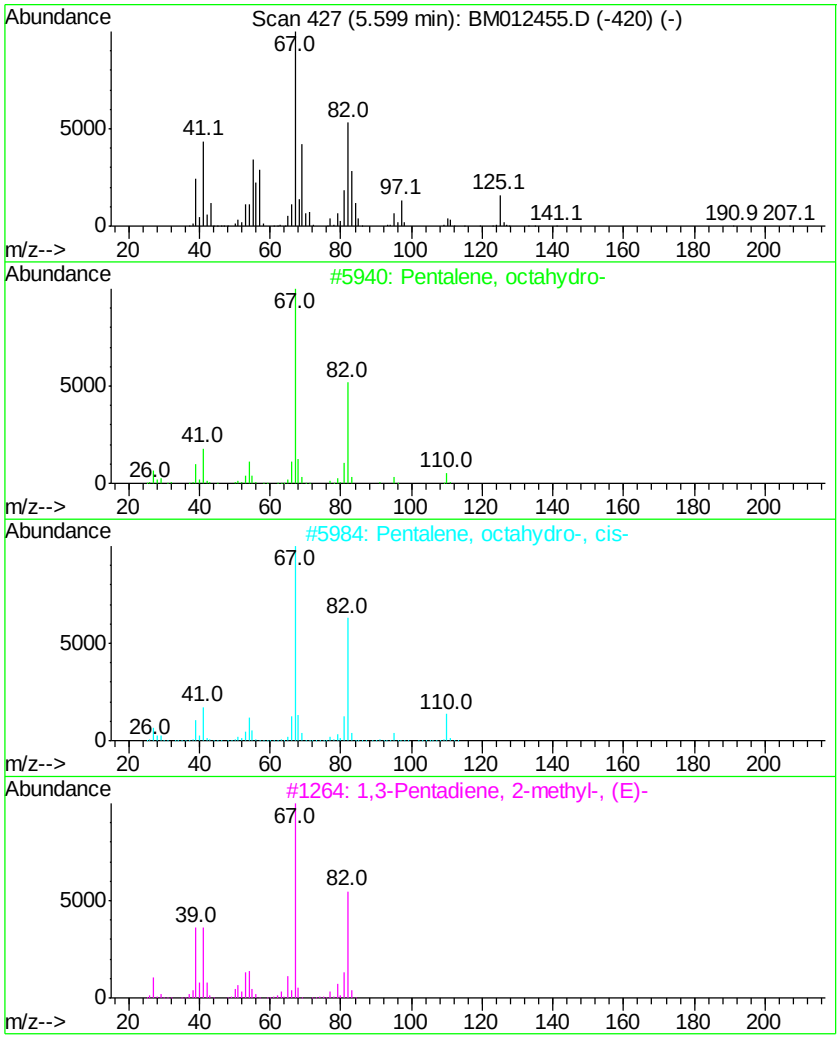
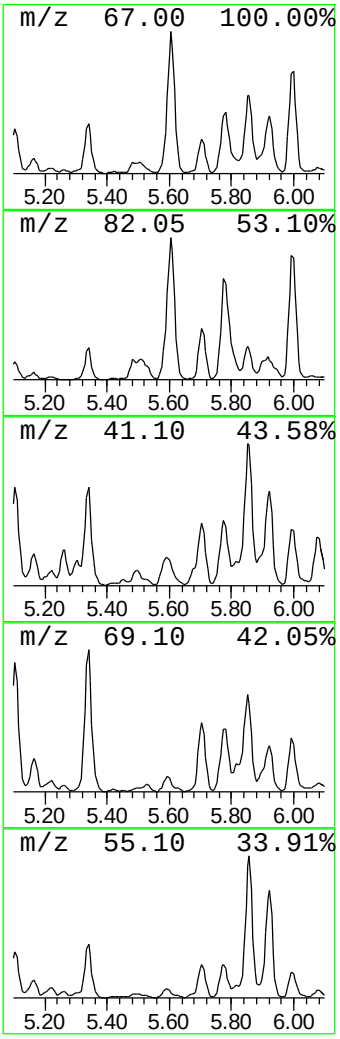
Peak Number 11 Pentalene, octahydro- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	4.34 ng/ul	4203950	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	50
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	50
3	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	47
4	Cyclopentane, methylene-	82	C6H10	001528-30-9	47
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	47





Library Search Compound Report

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Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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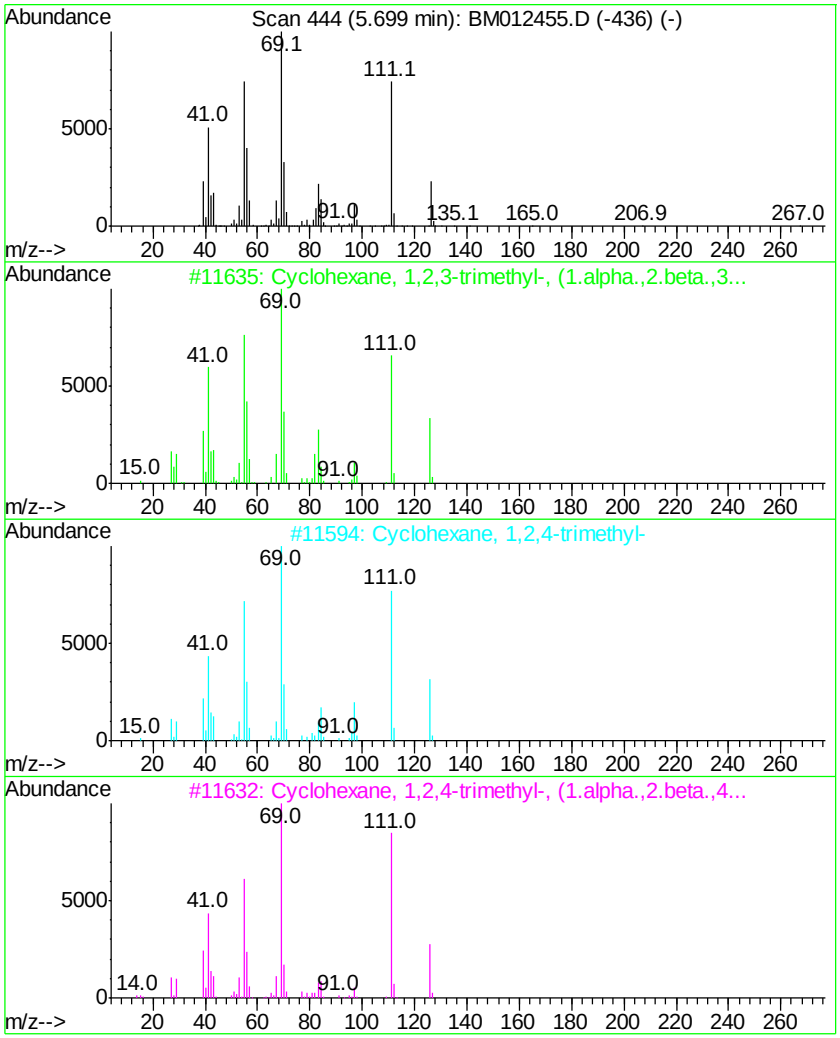
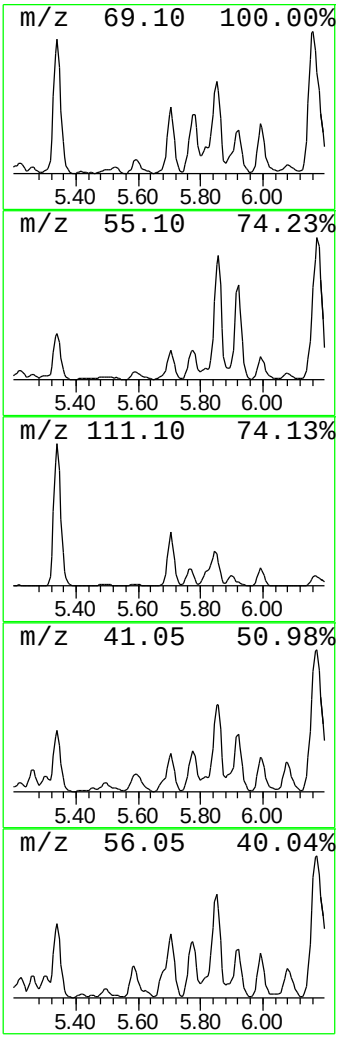
Peak Number 12 (DEL) Alkane: Cyclic5.70 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	7.06 ng/ul	6833610	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	96
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	83
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	81
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	70





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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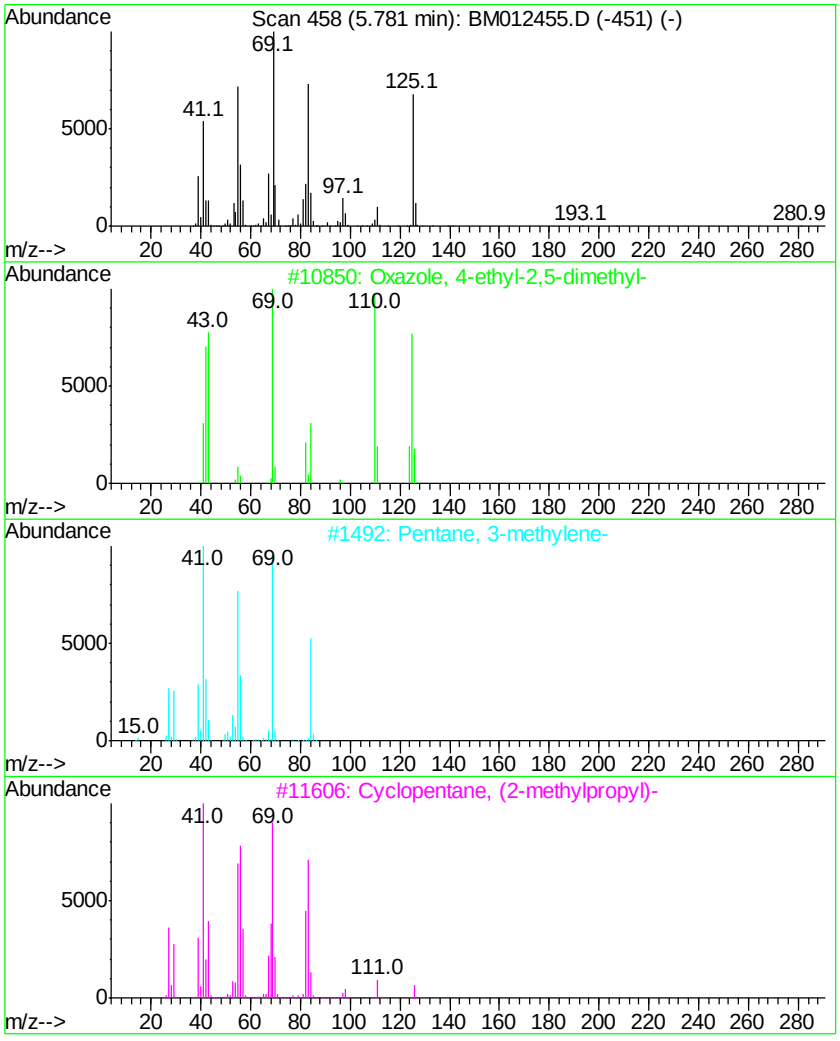
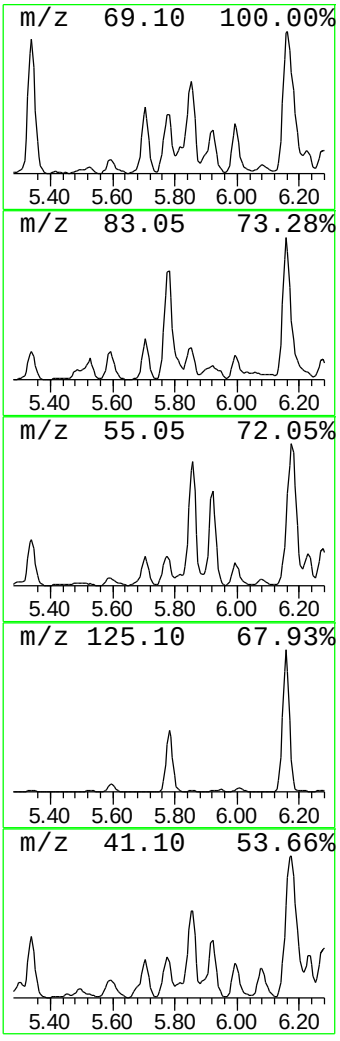
Peak Number 13 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	7.93 ng/ul	7673880	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazole, 4-ethyl-2,5-dimethyl-	125	C7H11NO	030408-61-8	49
2	Pentane, 3-methylene-	84	C6H12	000760-21-4	46
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	46
4	2-Methyl-2-octene	126	C9H18	016993-86-5	43
5	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	43





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Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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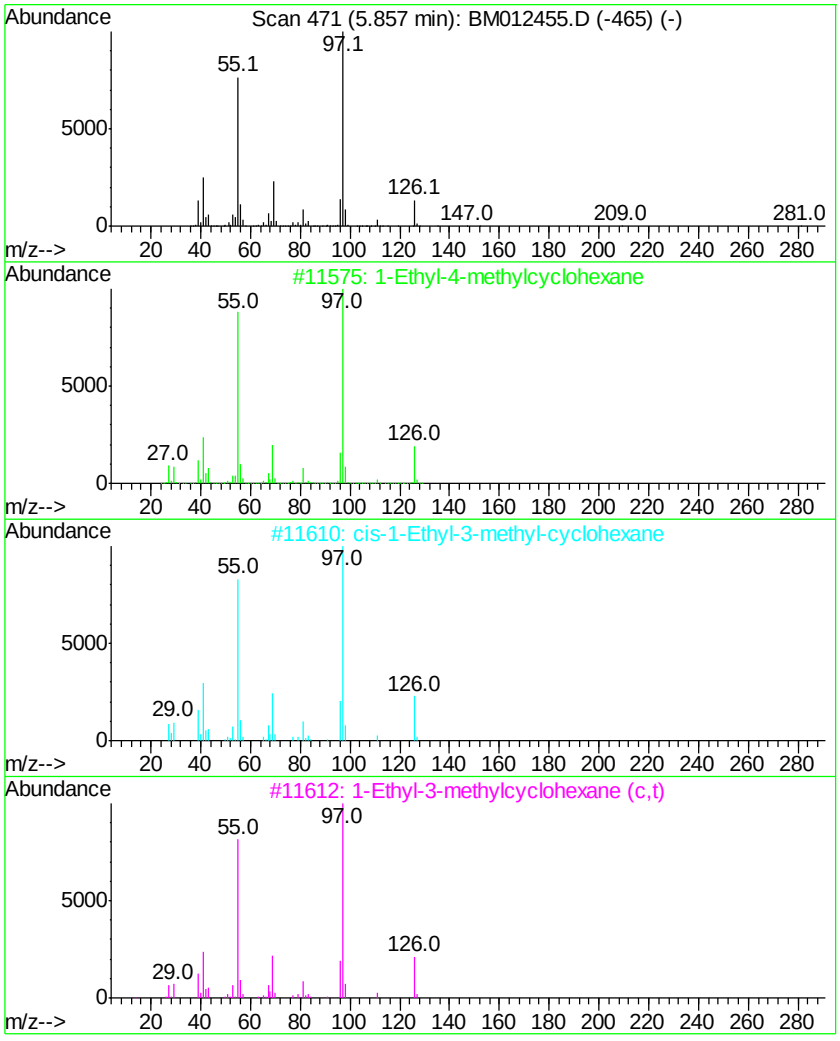
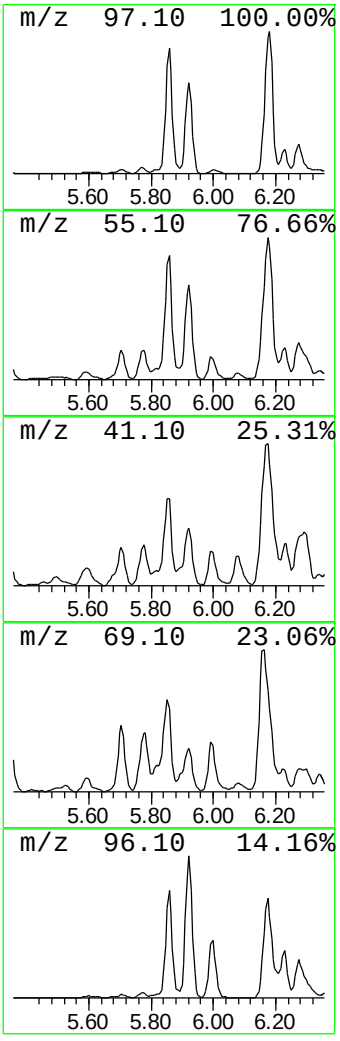
Peak Number 14 (DEL) Alkane: Cyclic5.86 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	12.39 ng/ul	11994000	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90





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Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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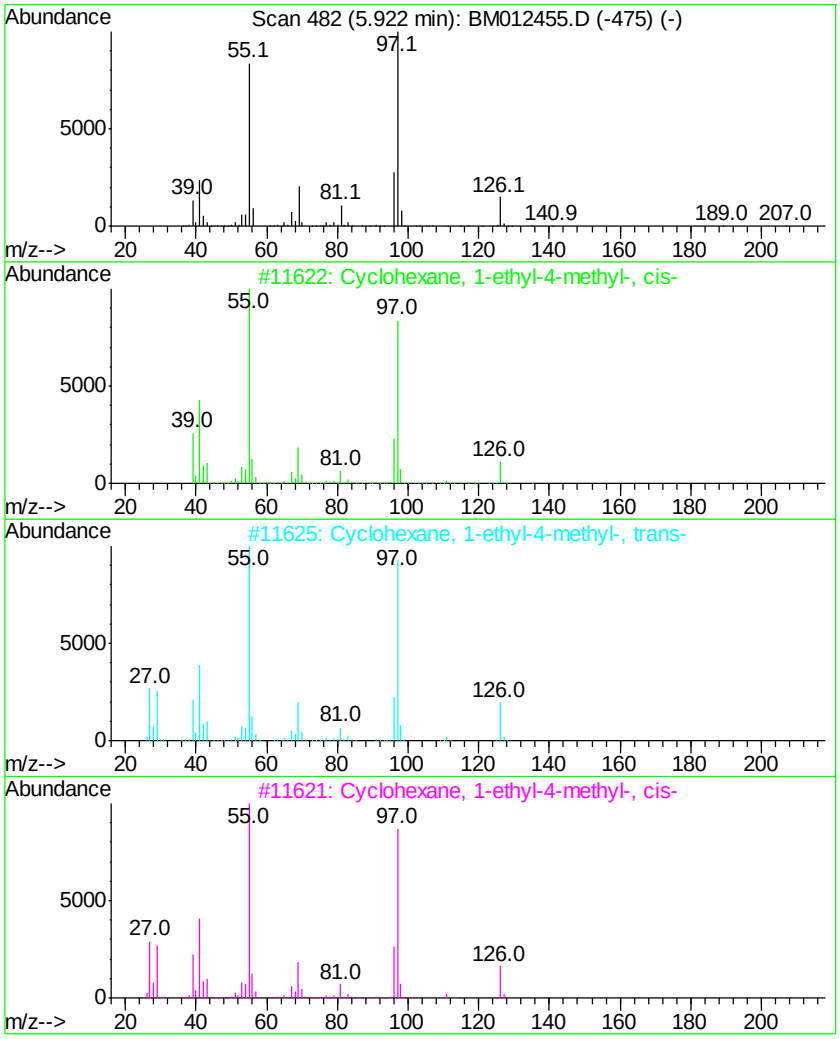
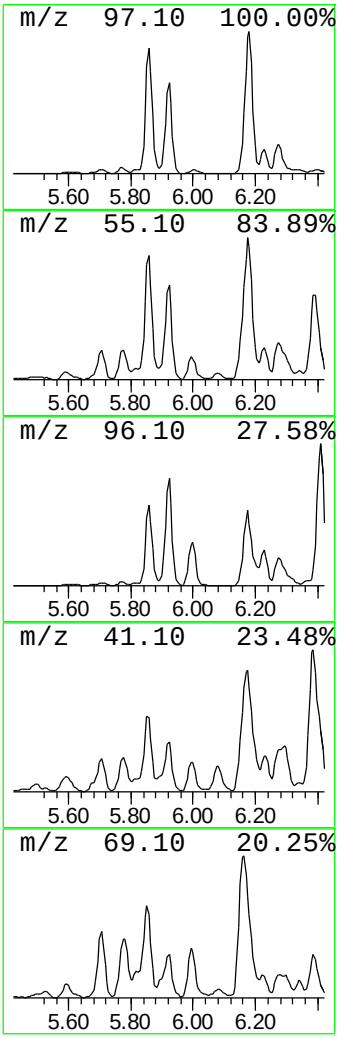
Peak Number 15 (DEL) Alkane: Cyclic5.92 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	12.62 ng/ul	12215900	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91





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Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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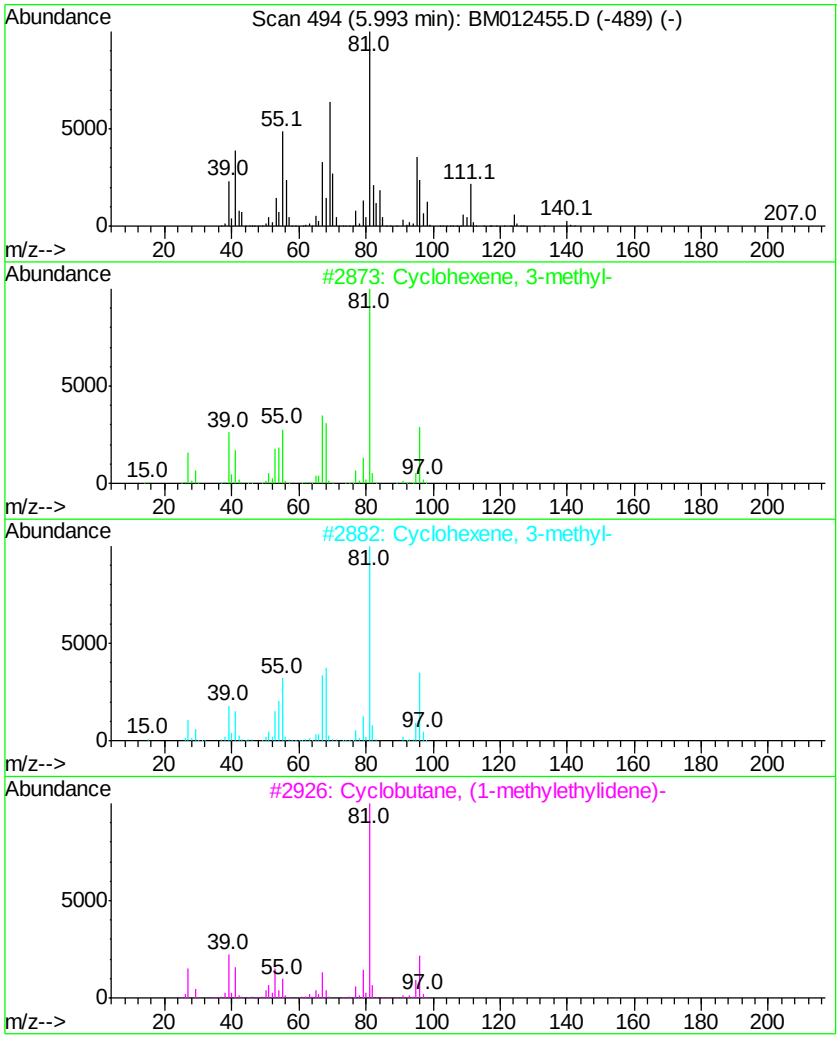
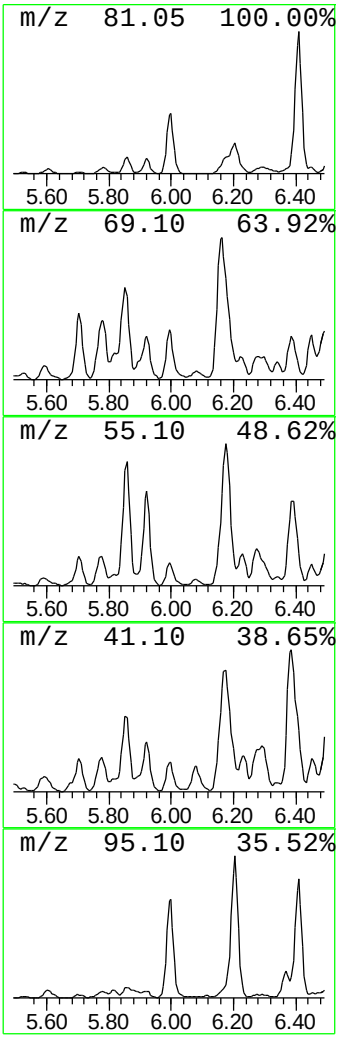
Peak Number 16 unknown-02 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	8.13 ng/ul	7871340	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	46
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	46
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
4	4-Ethylcyclohexene	110	C8H14	003742-42-5	43
5	Pentane, 1-chloro-5-(methylenecy...	158	C9H15Cl	1000158-49-0	38





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

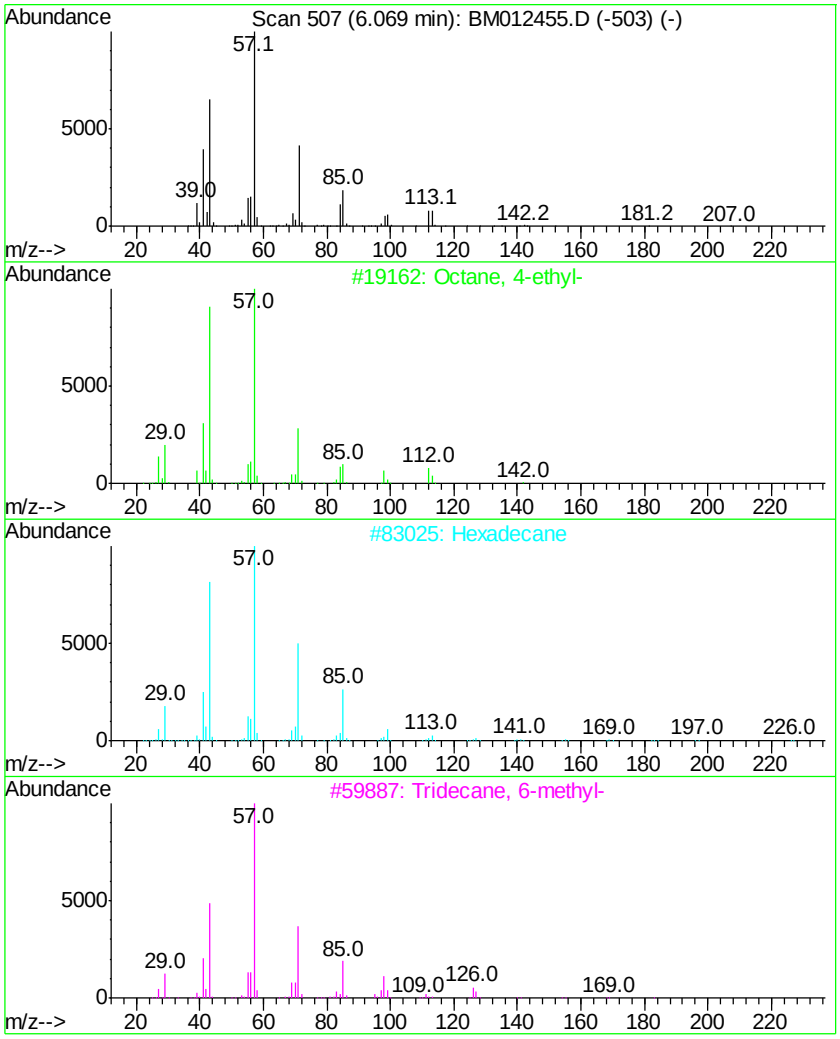
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

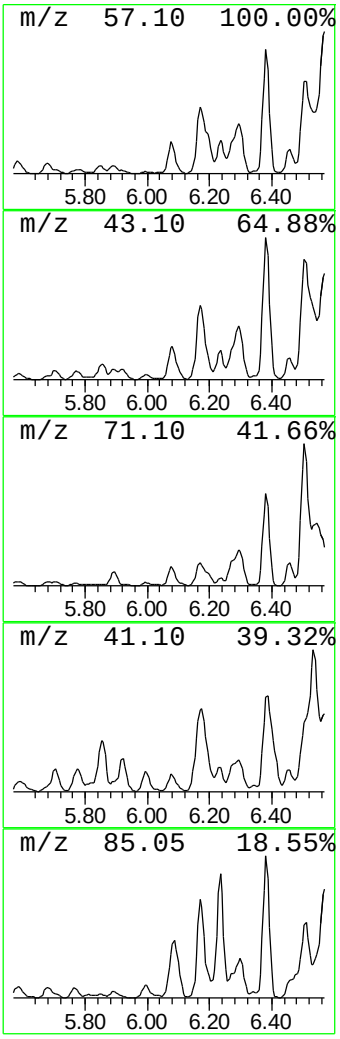
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	4.17 ng/ul	4037060	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

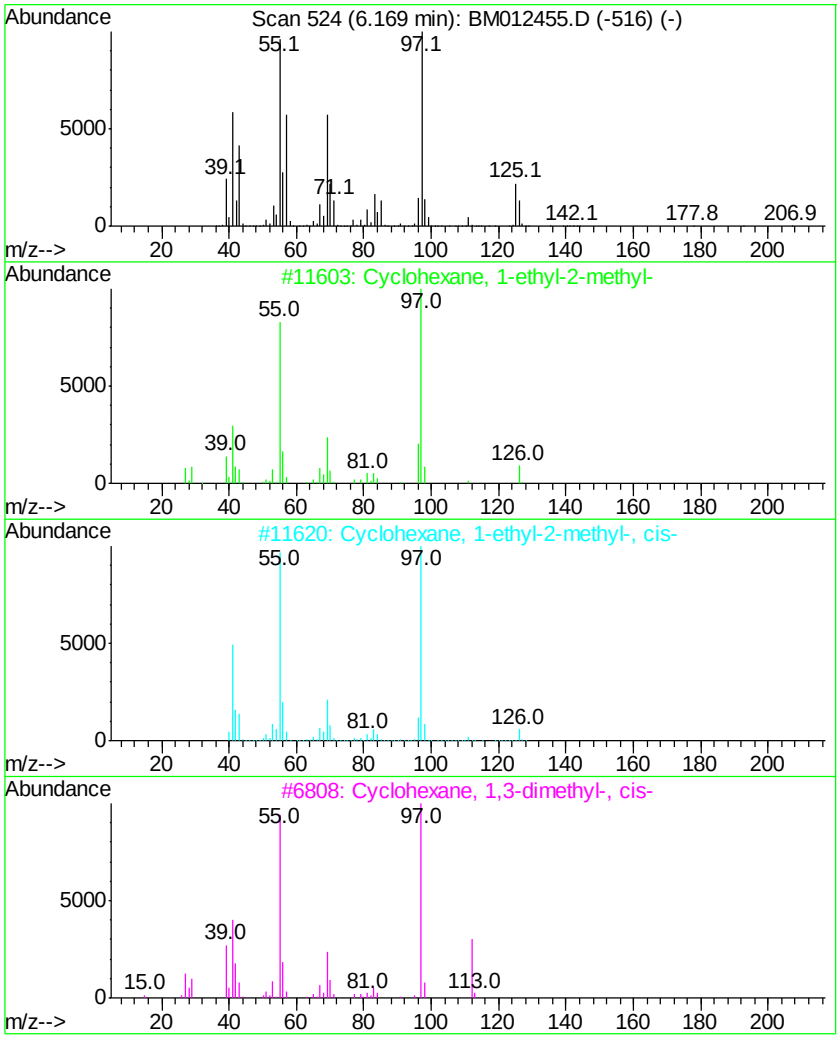
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

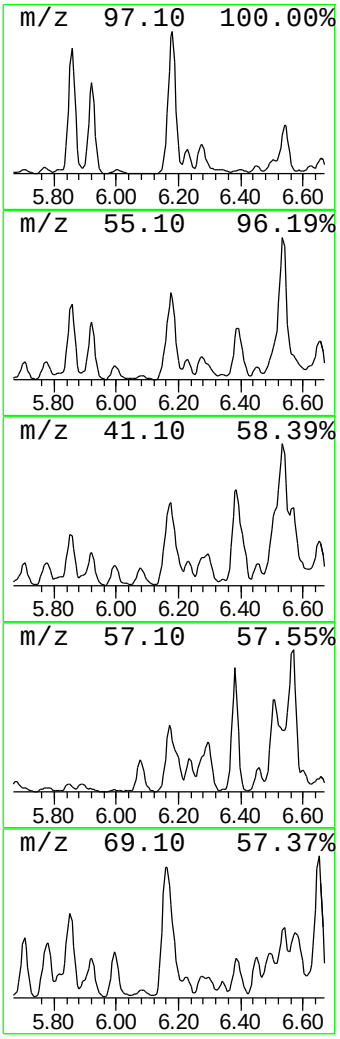
****

Peak Number 18 (DEL) Alkane: Cyclic6.17 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	37.06 ng/ul	35883700	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	91
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	81
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	72





Library Search Compound Report

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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

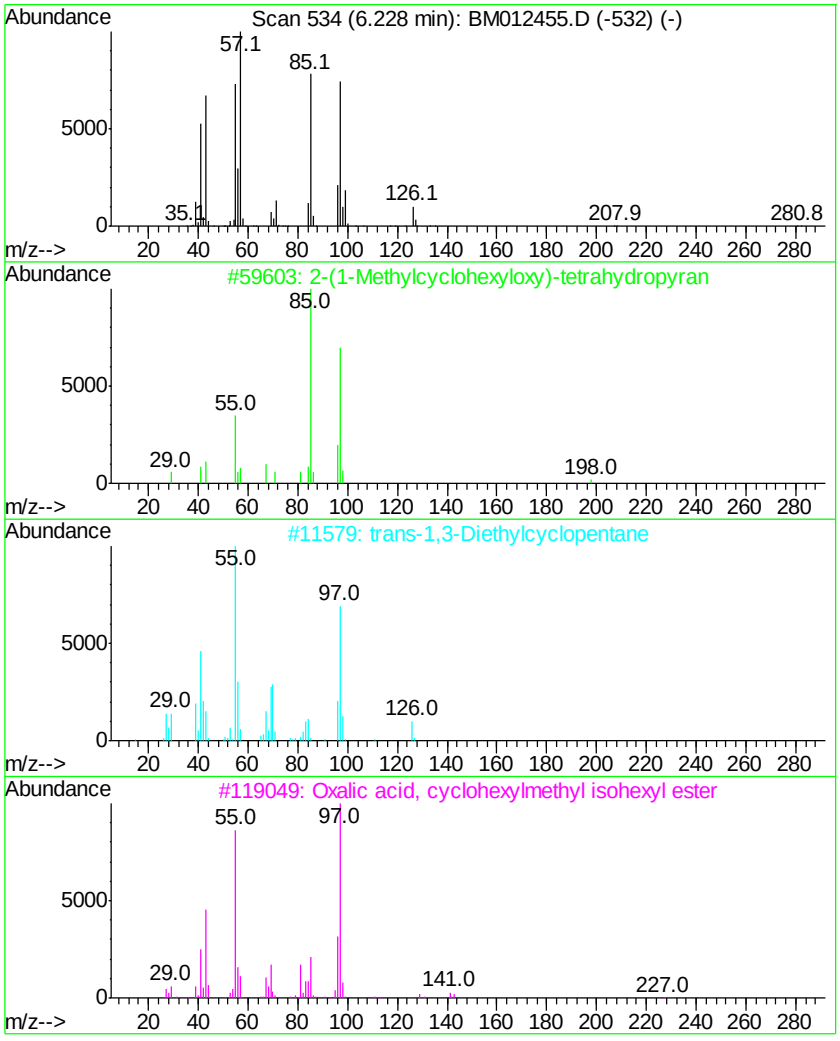
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

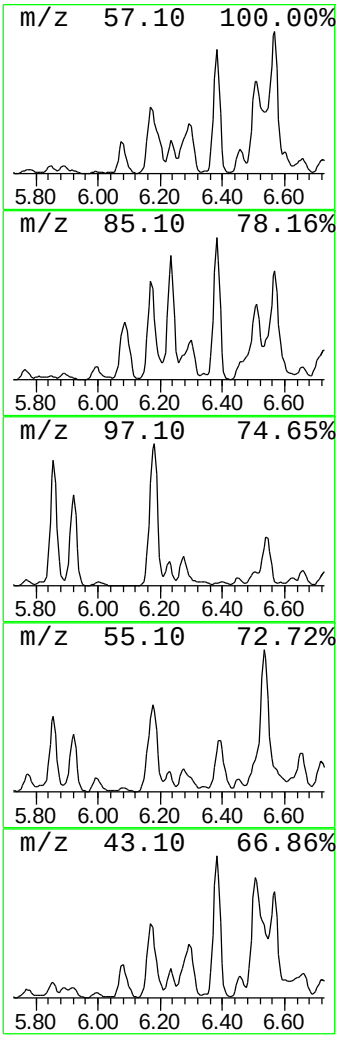
****

Peak Number 19 2-(1-Methylcyclohexyloxy)-t... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	3.48 ng/ul	3365340	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(1-Methylcyclohexyloxy)-tetrah...	198	C12H22O2	072347-38-7	64
2	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	46
3	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	43
4	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	38
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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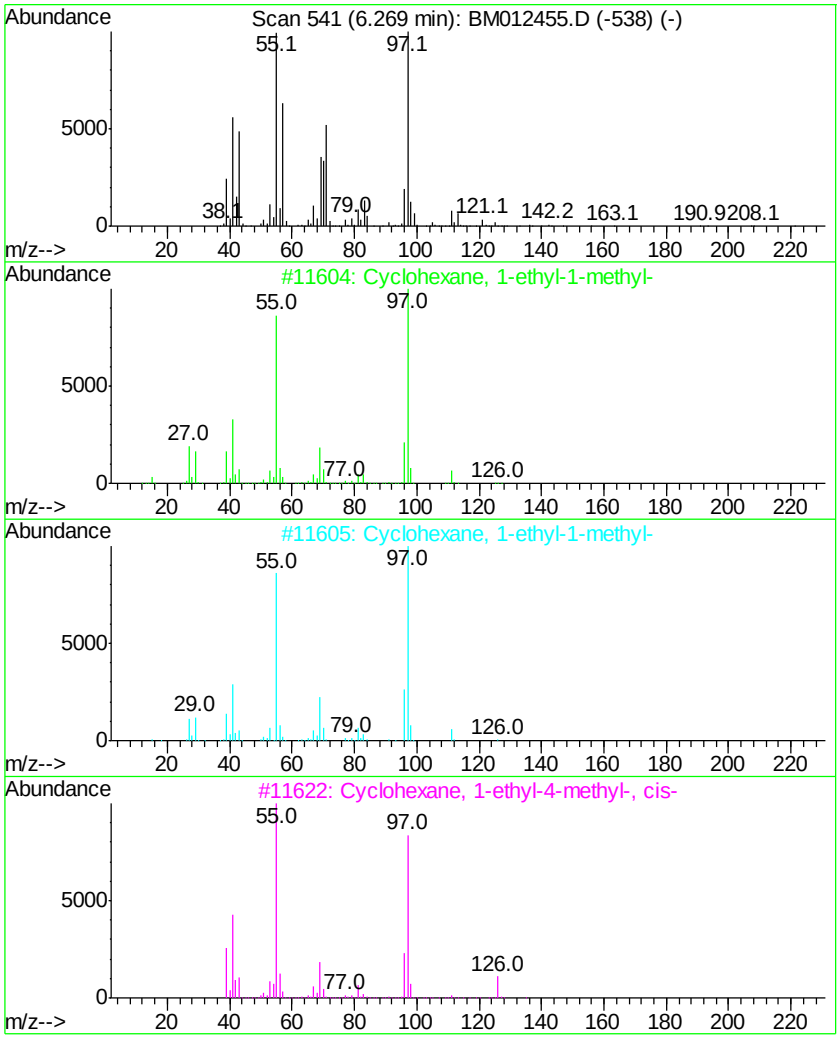
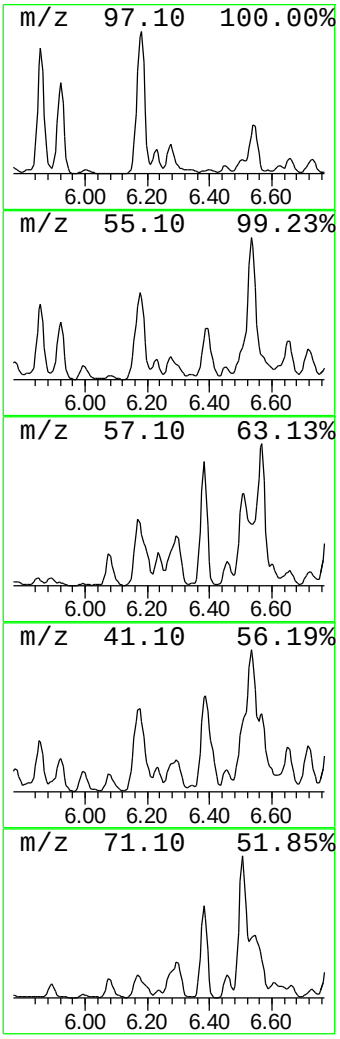
Peak Number 20 (DEL) Alkane: Cyclic6.27 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	4.40 ng/ul	4264260	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	52
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	52
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	47
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	47





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

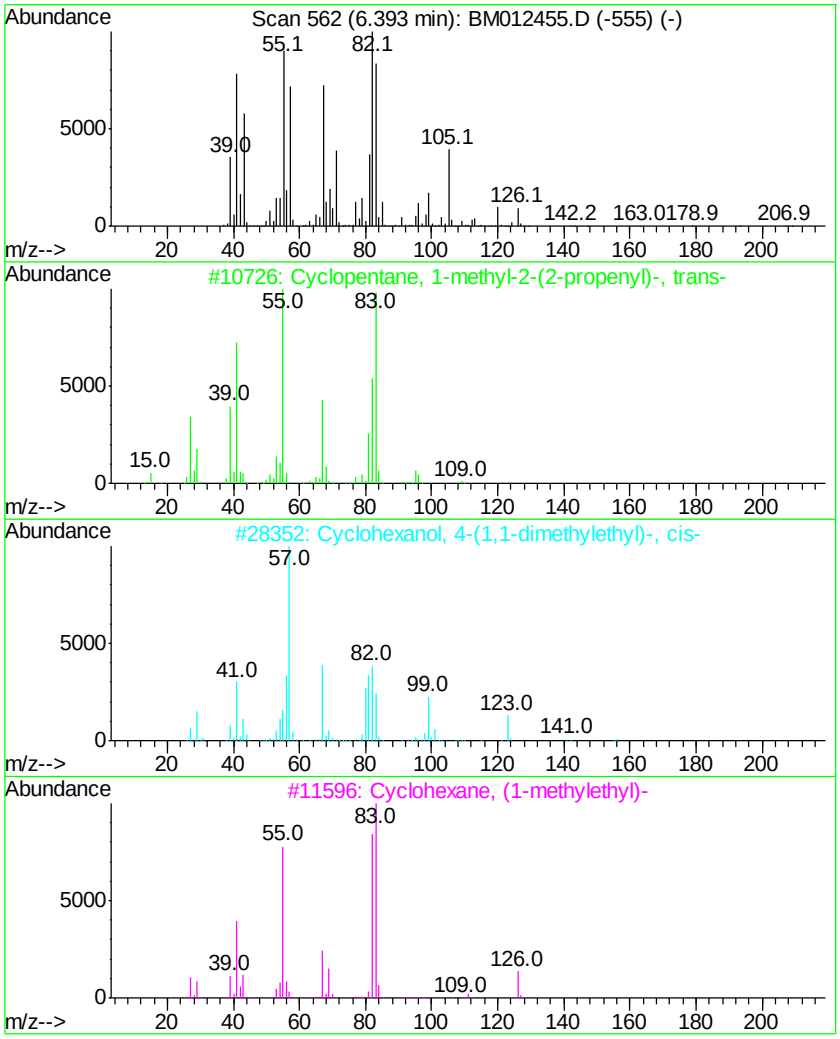
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

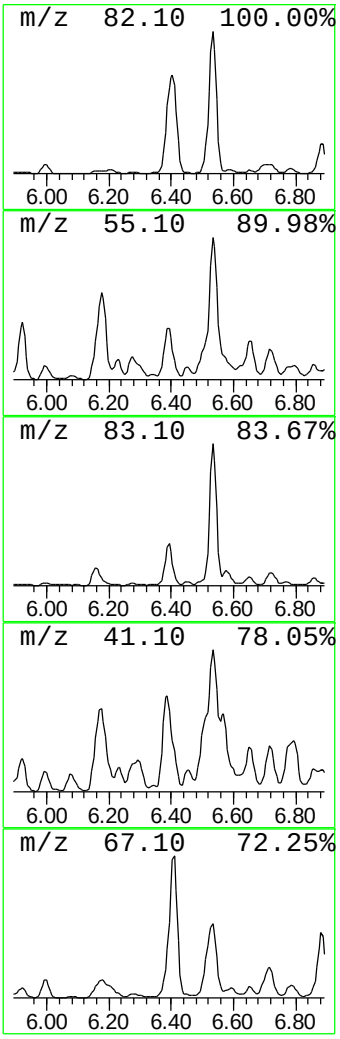
****

Peak Number 21 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	37.52 ng/ul	36323000	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	38
2	Cyclohexanol, 4-(1,1-dimethyleth...	156	C10H20O	000937-05-3	38
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	30





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

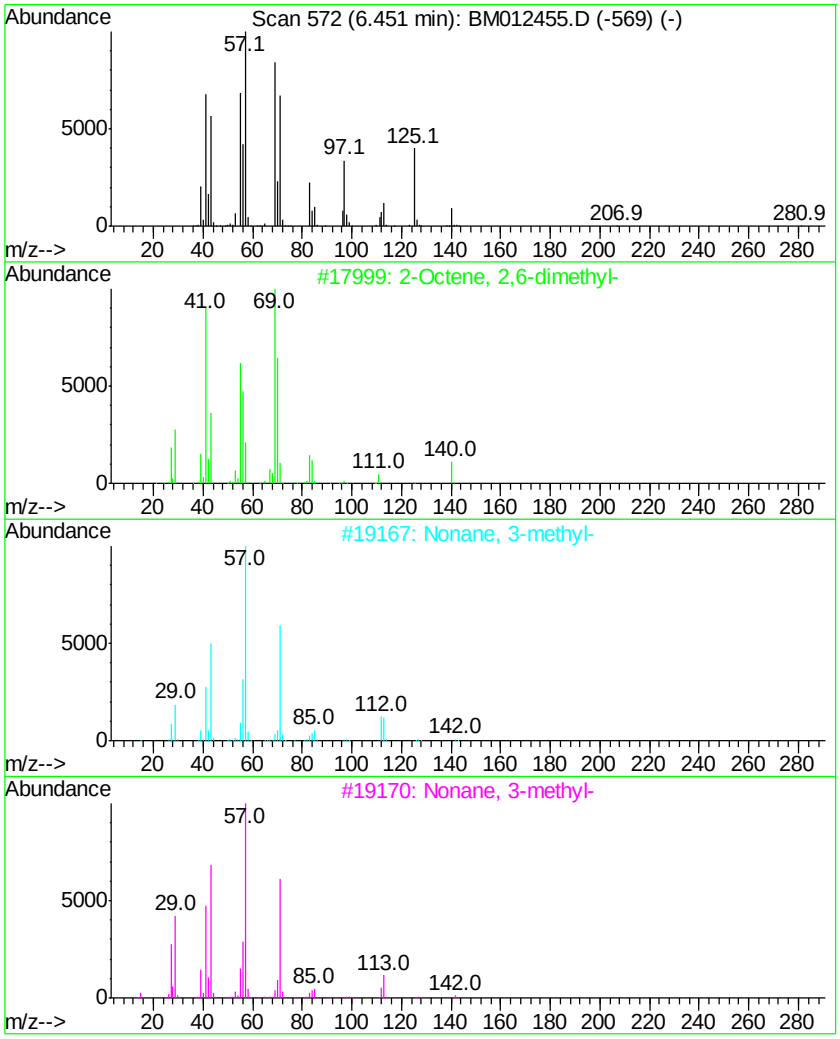
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

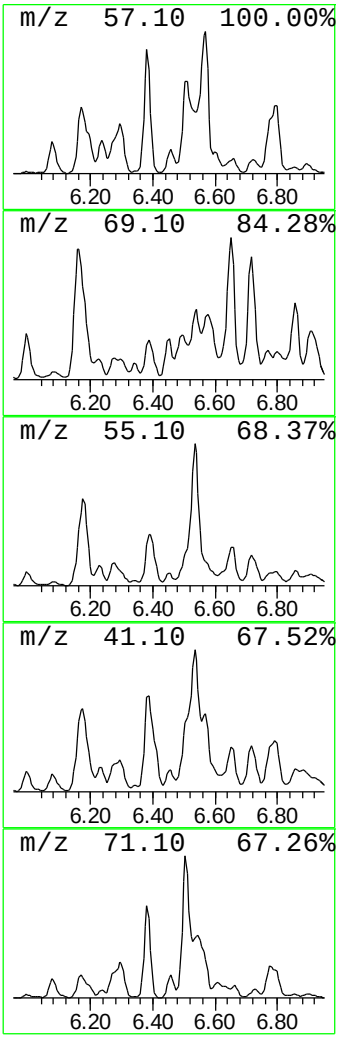
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic6.45 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	3.16 ng/ul	3062010	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	38
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	27
4	5-Ethyl-2-hepten-4-one	140	C9H16O	1000374-14-2	22
5	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	22





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

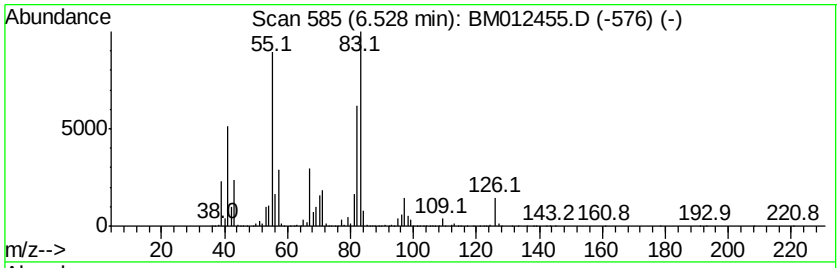
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

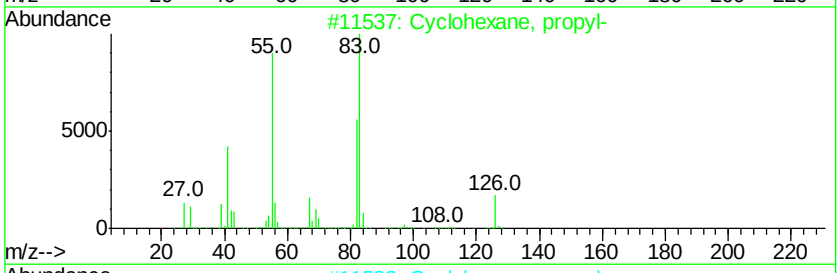
****

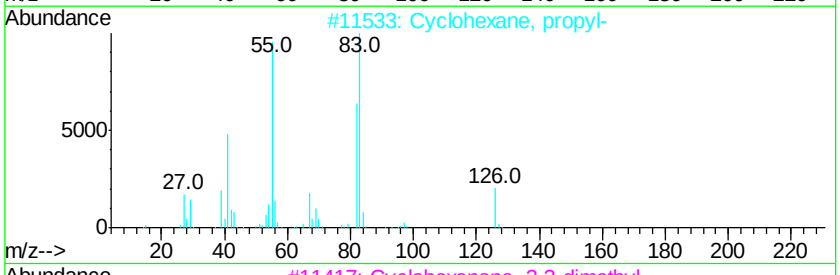
Peak Number 23 (DEL) Alkane: Cyclic6.53 Concentration Rank 1

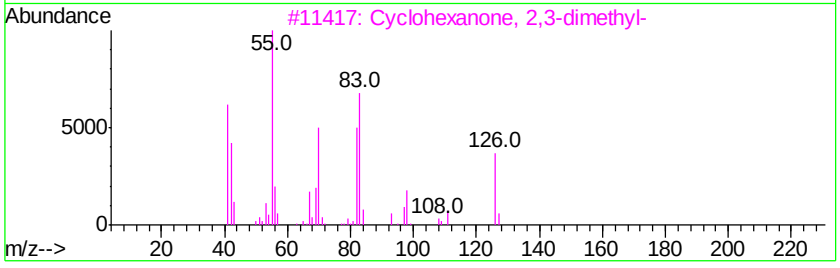
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	57.25 ng/ul	55427900	1,4-Dichlorobenzene-d4	7.89

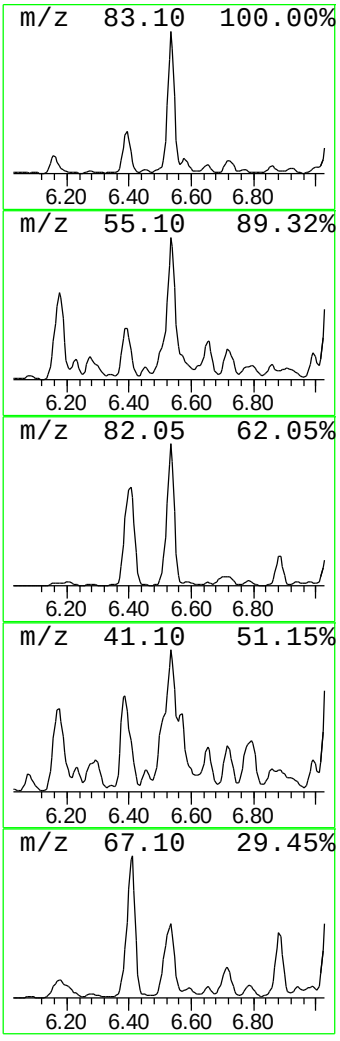
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	80
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72











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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

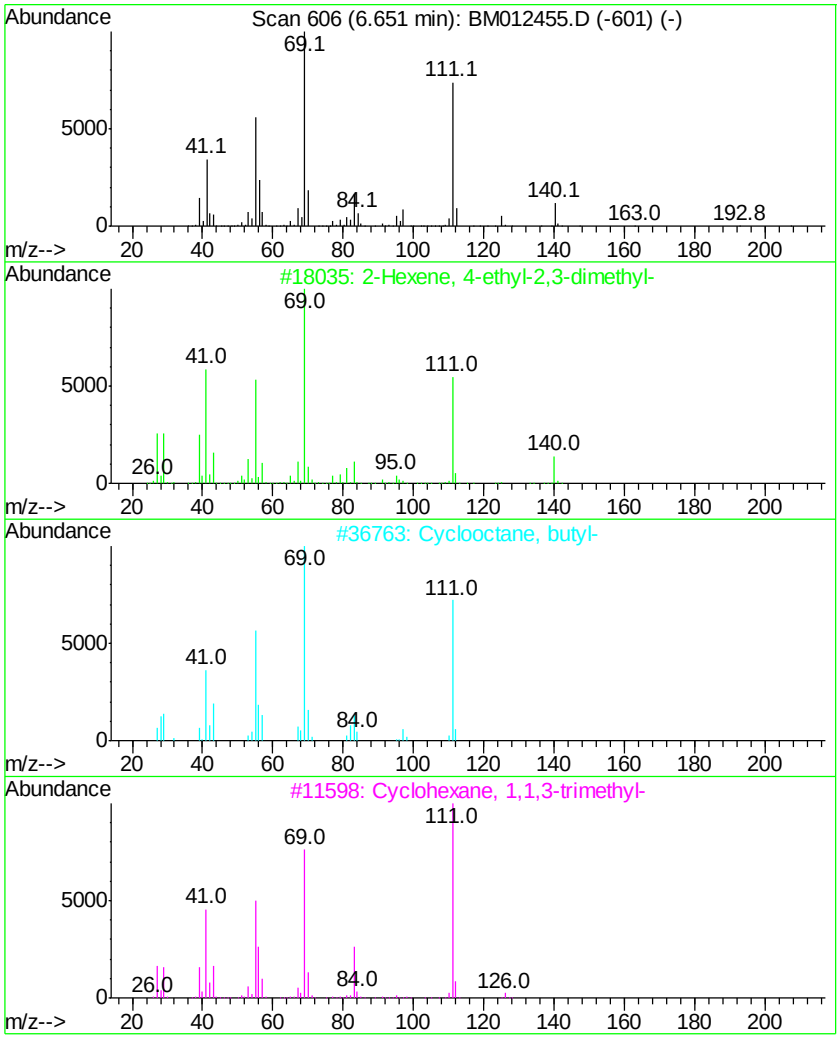
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

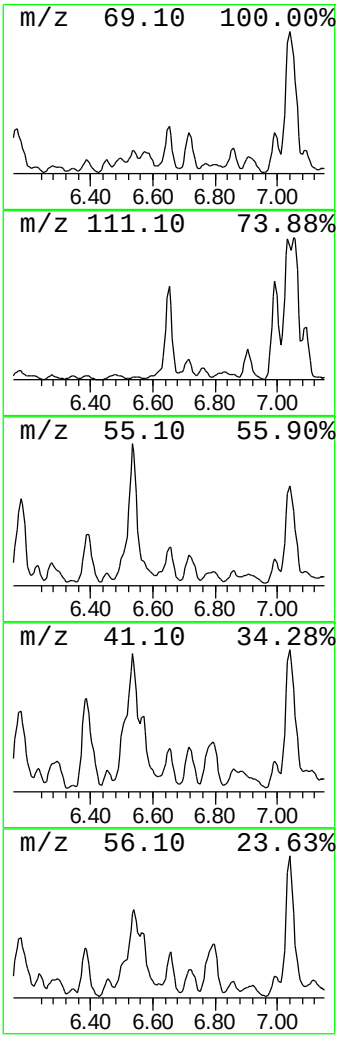
****

Peak Number 24 (DEL) Alkane: Cyclic6.65 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	11.50 ng/ul	11132000	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	80
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	78
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	74
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

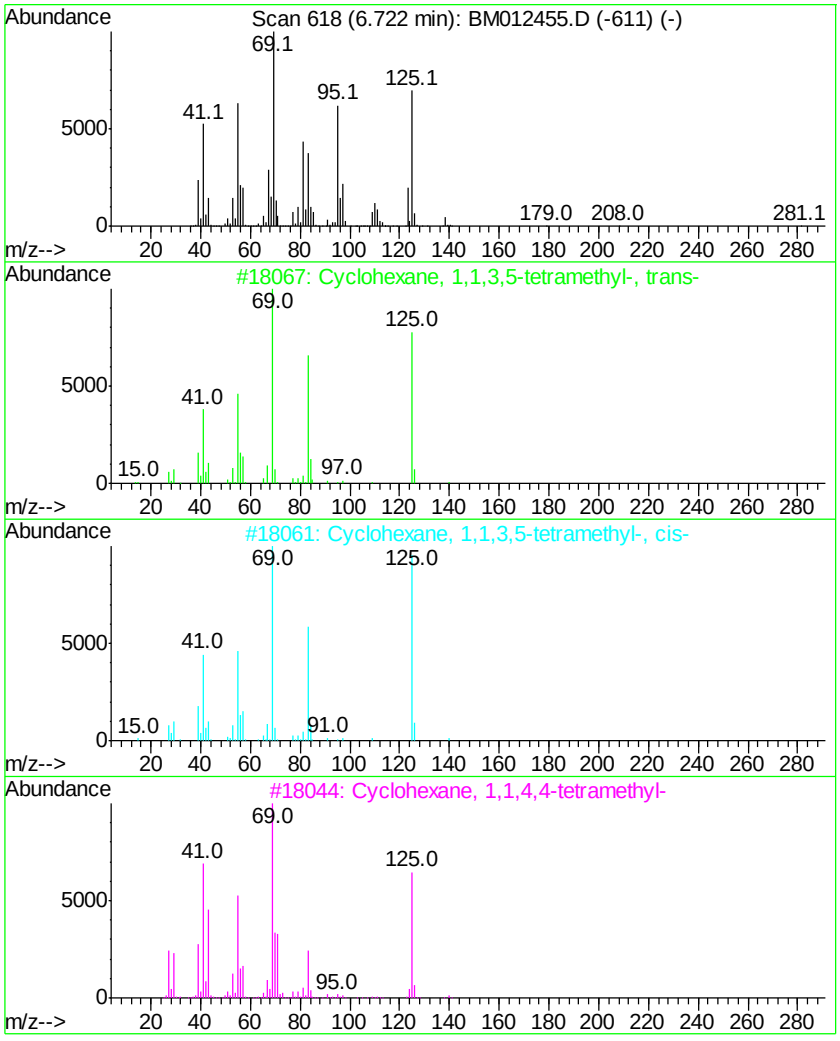
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

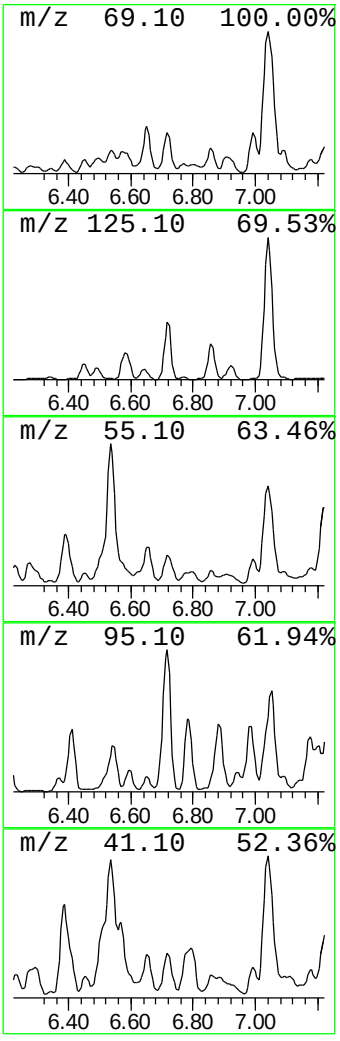
****

Peak Number 25 (DEL) Alkane: Cyclic6.72 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	14.49 ng/ul	14032600	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	53
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	46
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
4	1-Octyn-3-ol, 3-methyl-	140	C9H16O	023580-51-0	38
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	35





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

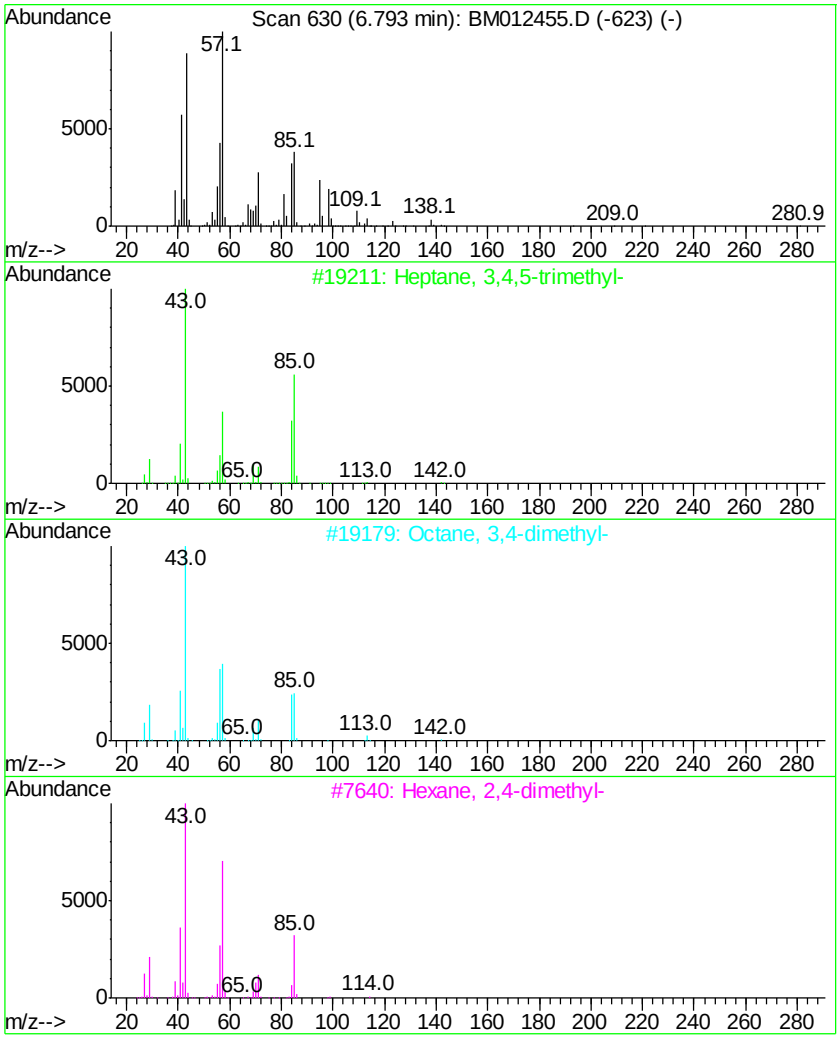
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

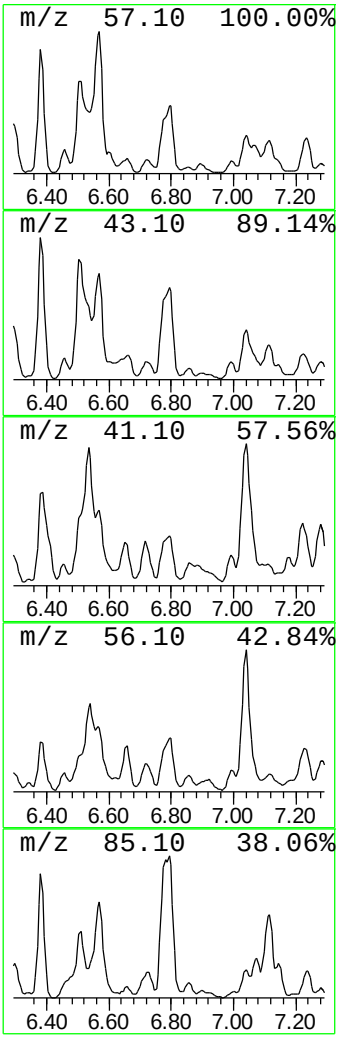
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	16.23 ng/ul	15716400	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
2	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	50
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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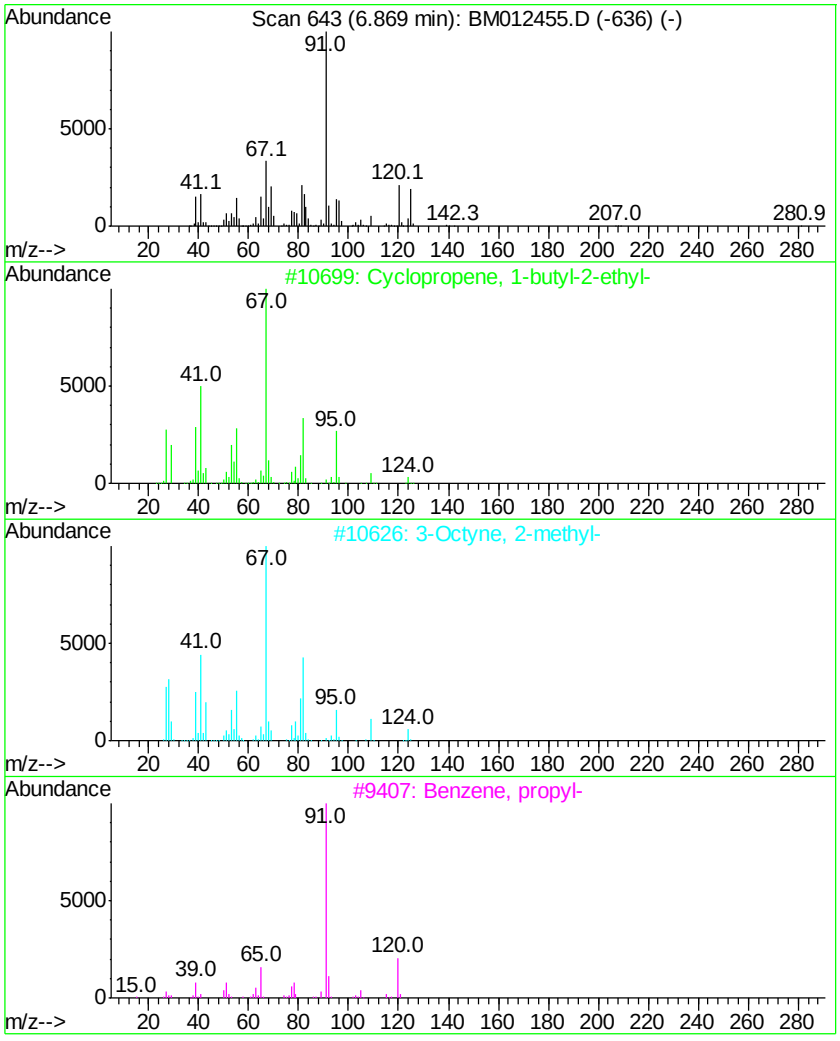
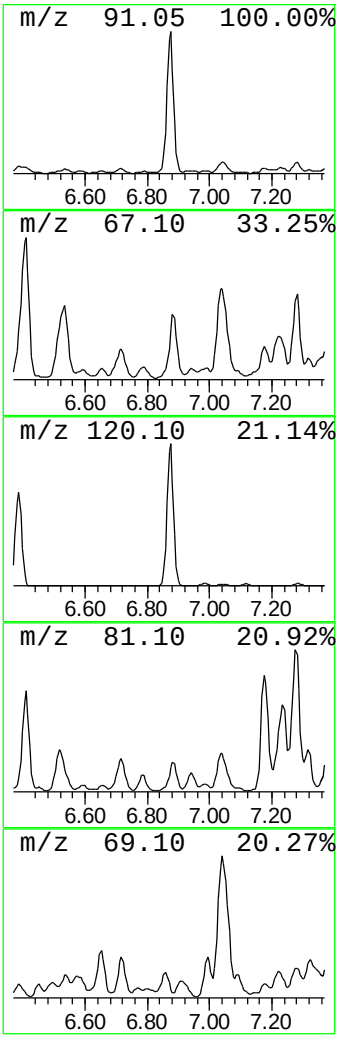
Peak Number 27 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	17.06 ng/ul	16515500	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropene, 1-butyl-2-ethyl-	124	C9H16	050915-91-8	47
2	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	43
3	Benzene, propyl-	120	C9H12	000103-65-1	35
4	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	30
5	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	27





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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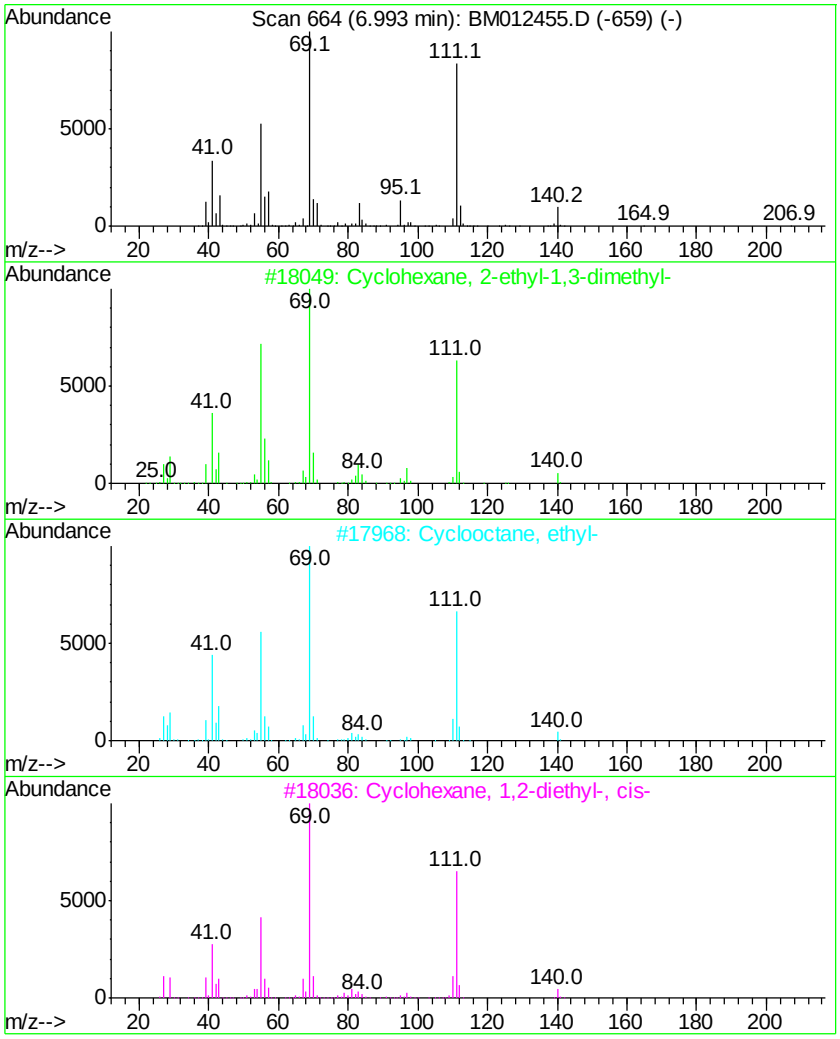
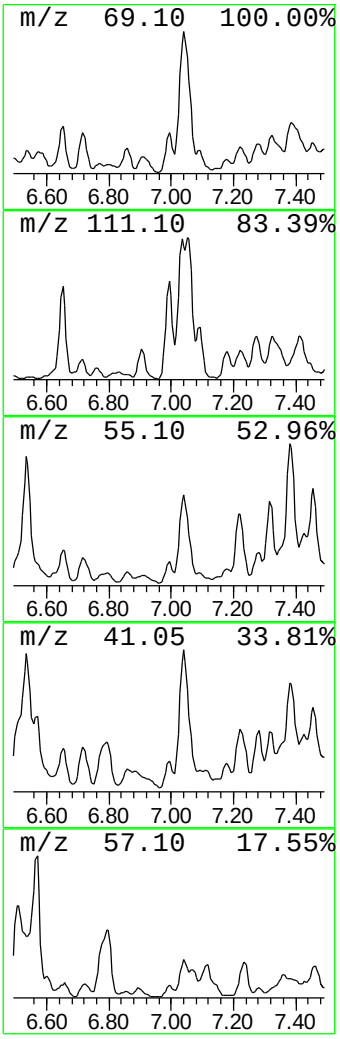
Peak Number 28 (DEL) Alkane: Cyclic6.99 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	8.67 ng/ul	8394170	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	87
2	Cyclooctane, ethyl-	140	C10H20	013152-02-8	80
3	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	72
4	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	72
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	72





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Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

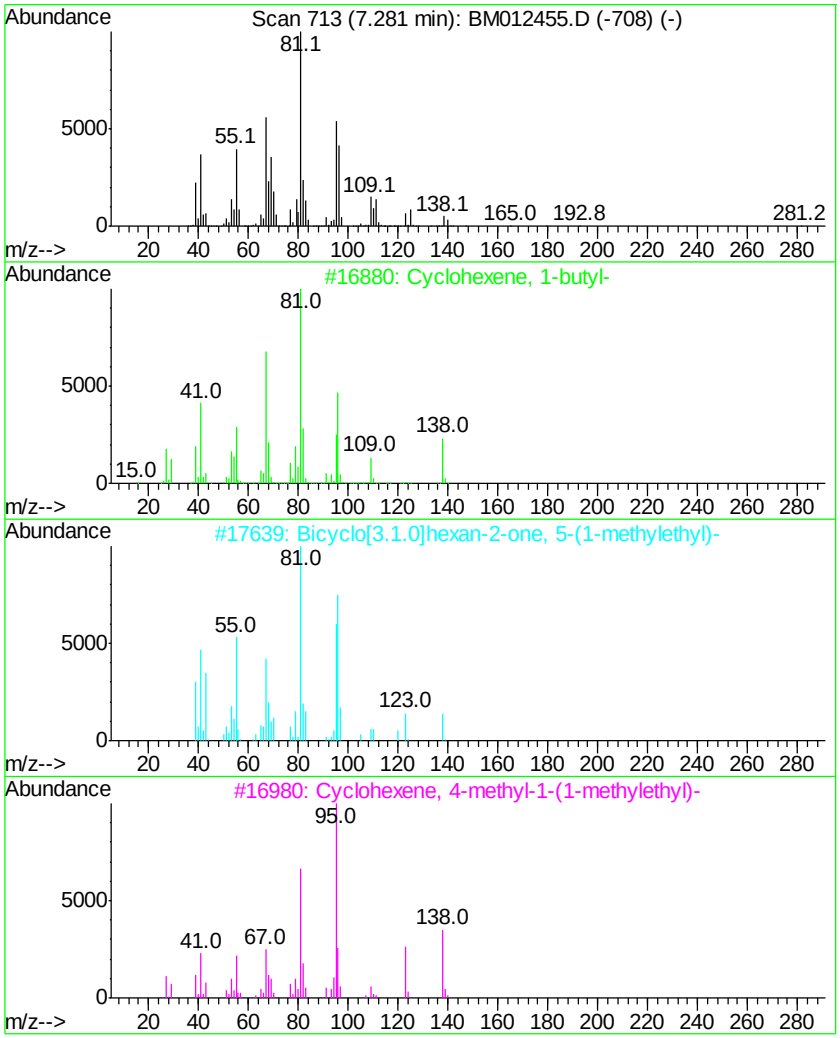
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

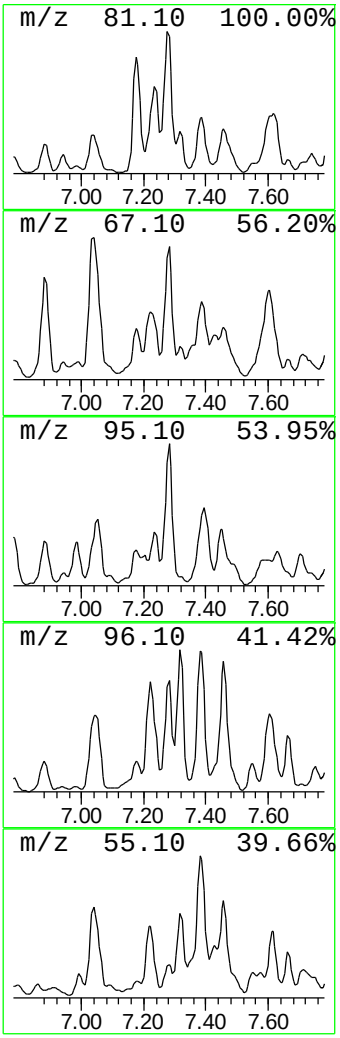
****

Peak Number 29 Cyclohexene, 1-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	17.23 ng/ul	16679200	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	89
2	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	72
3	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	68
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	53
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	52





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

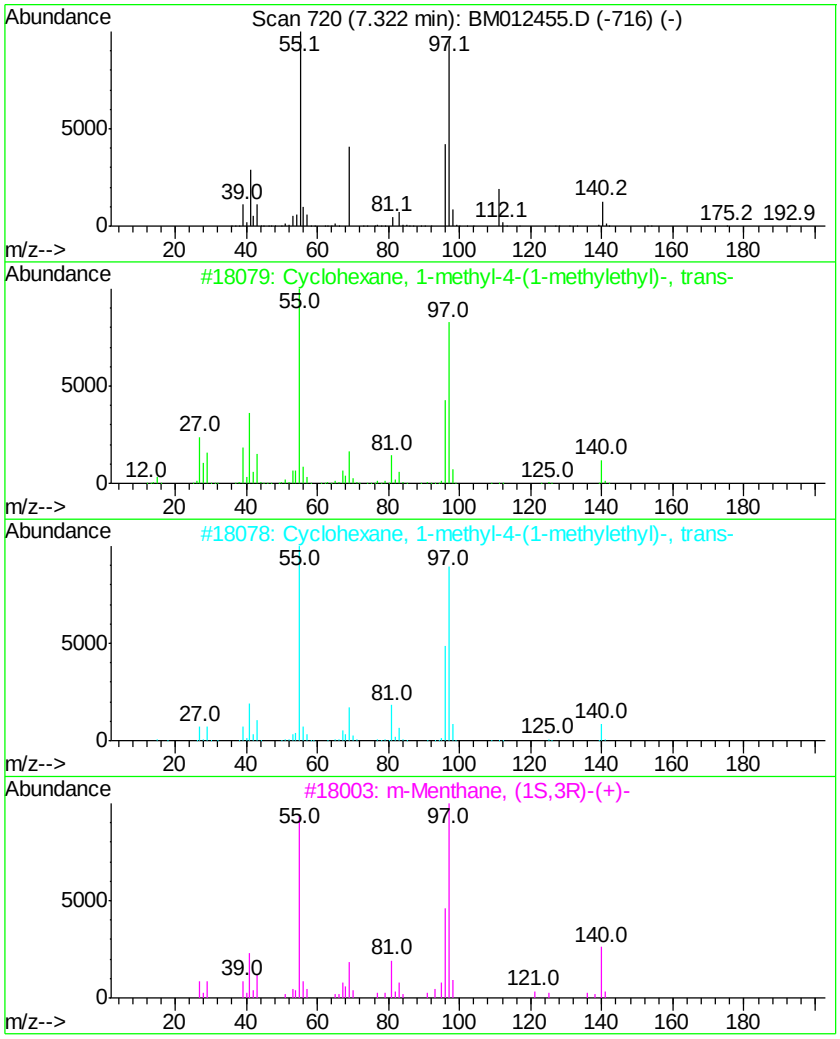
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

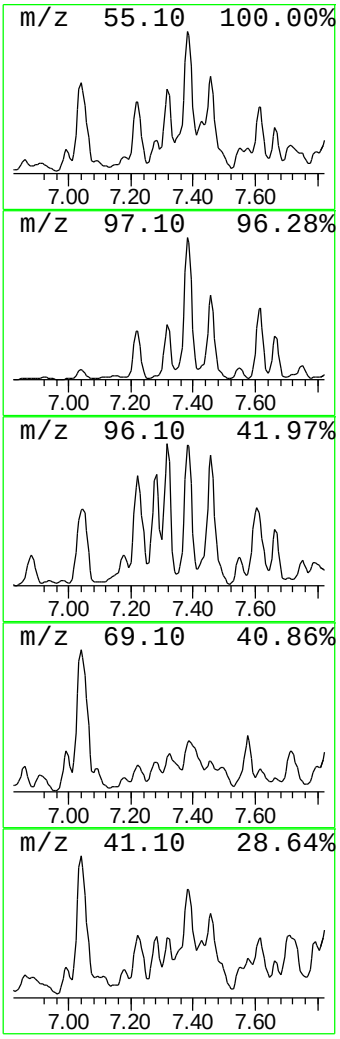
****

Peak Number 30 (DEL) Alkane: Cyclic7.32 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	11.56 ng/ul	11196100	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	86
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	86
3	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	78
4	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	72
5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72





Library Search Compound Report

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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

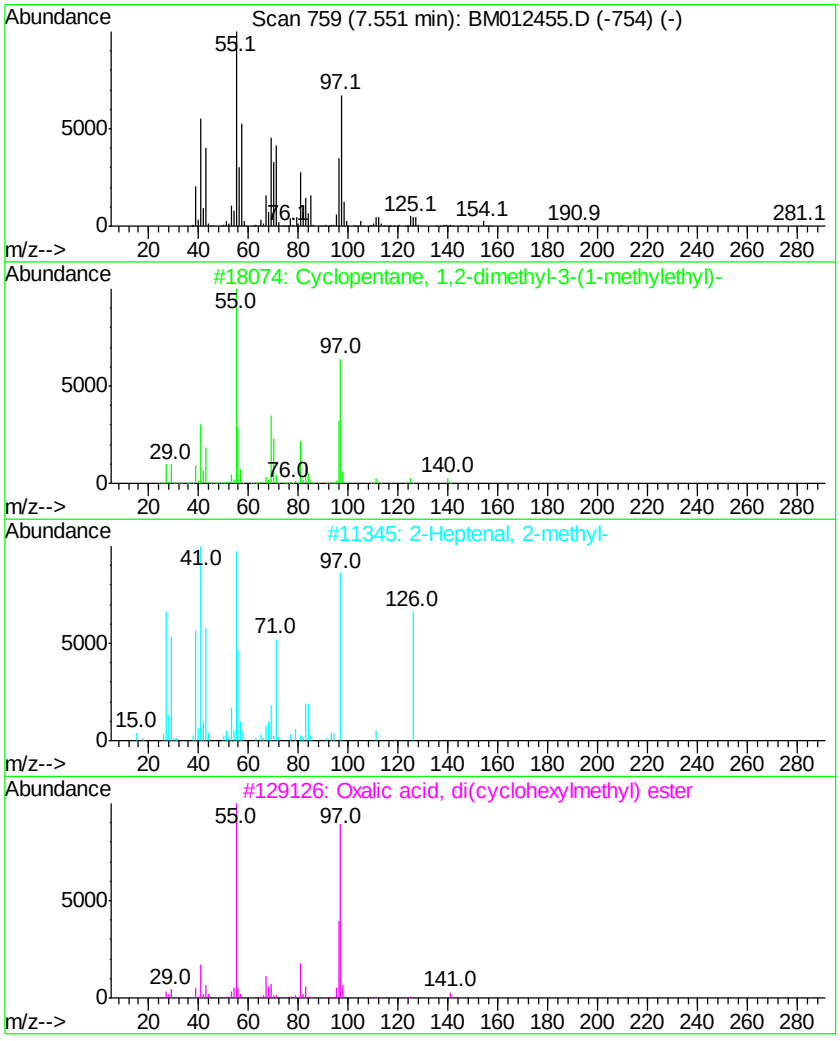
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

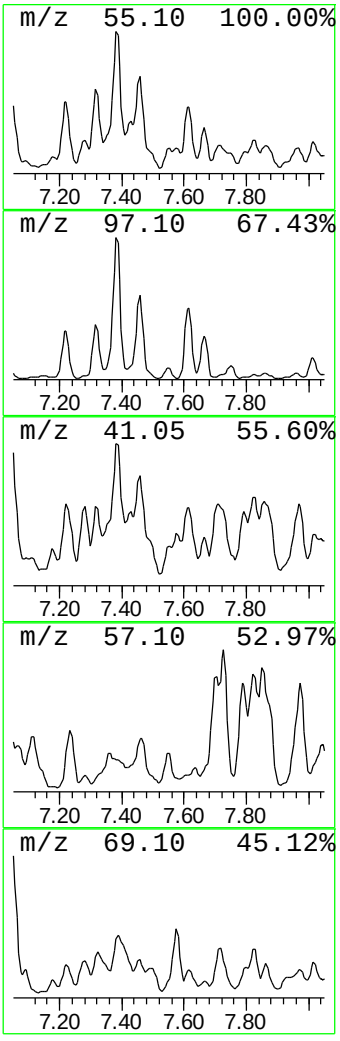
****

Peak Number 31 (DEL) Alkane: Cyclic7.55 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	5.62 ng/ul	5441950	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	58
2	2-Heptenal, 2-methyl-	126	C8H14O	030567-26-1	49
3	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	43
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	35





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

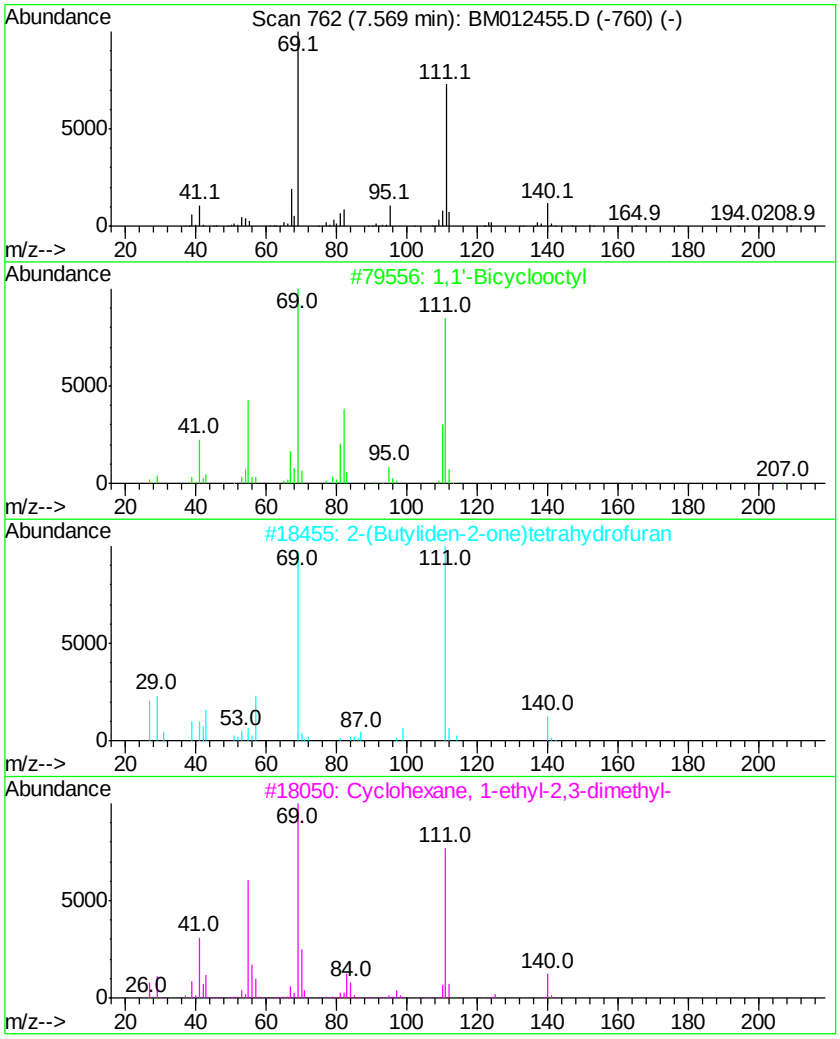
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

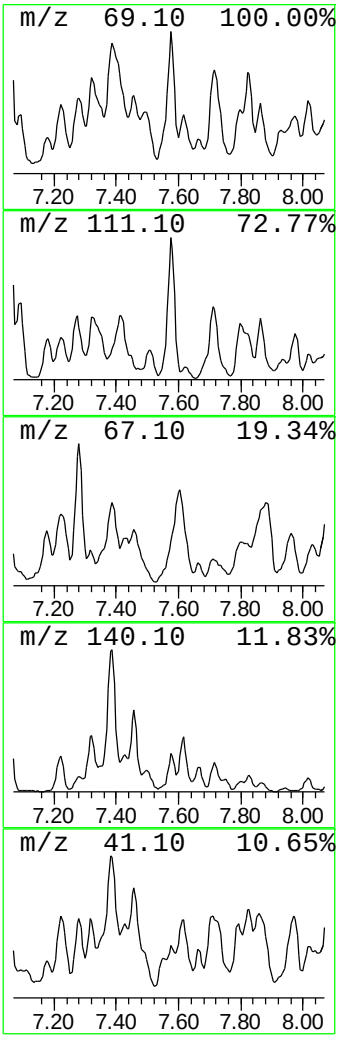
****

Peak Number 32 1,1'-Bicyclooctyl Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	2.99 ng/ul	2894600	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	64
2	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	53
3	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	53
4	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	50
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	45





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

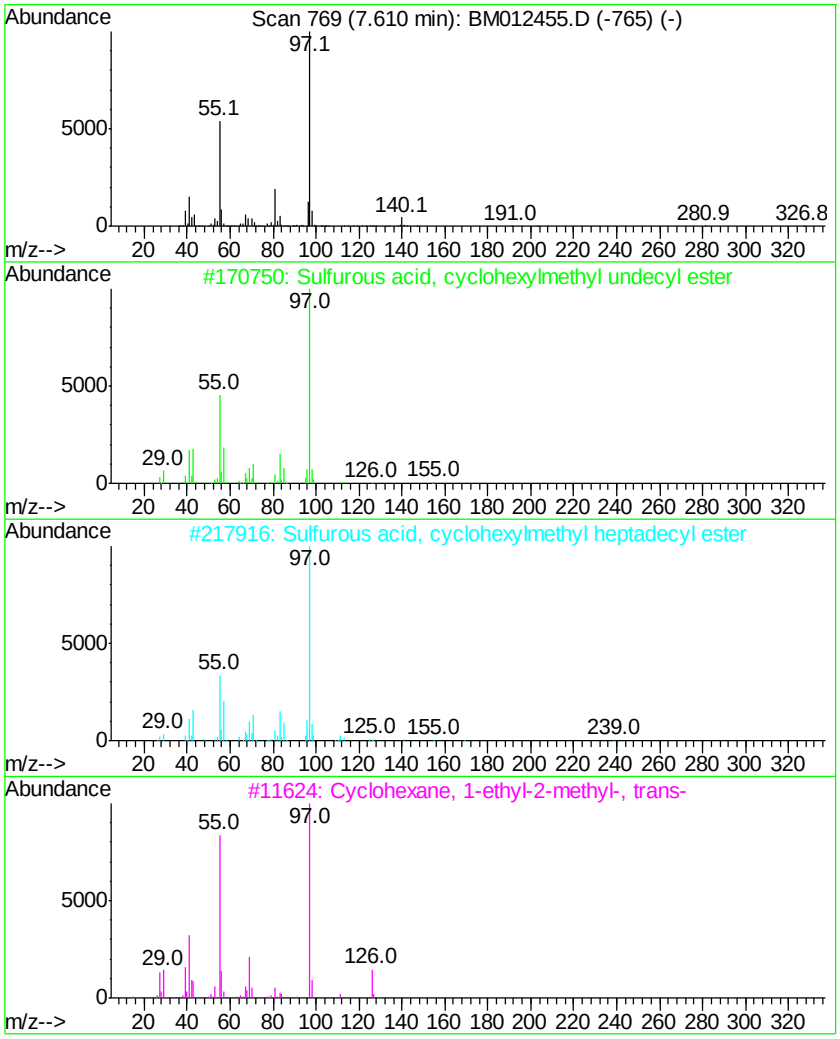
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

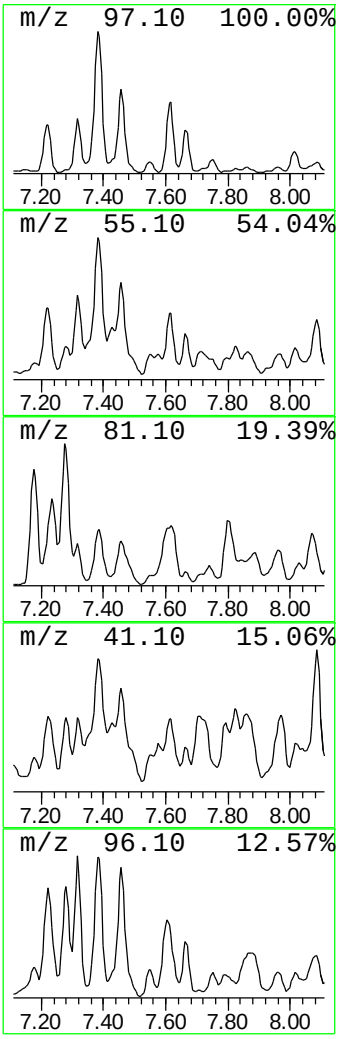
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Sulfurous acid, cyclohexylm... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	17.82 ng/ul	17256100	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	78
2	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	72
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	72
4	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	72
5	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	72





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

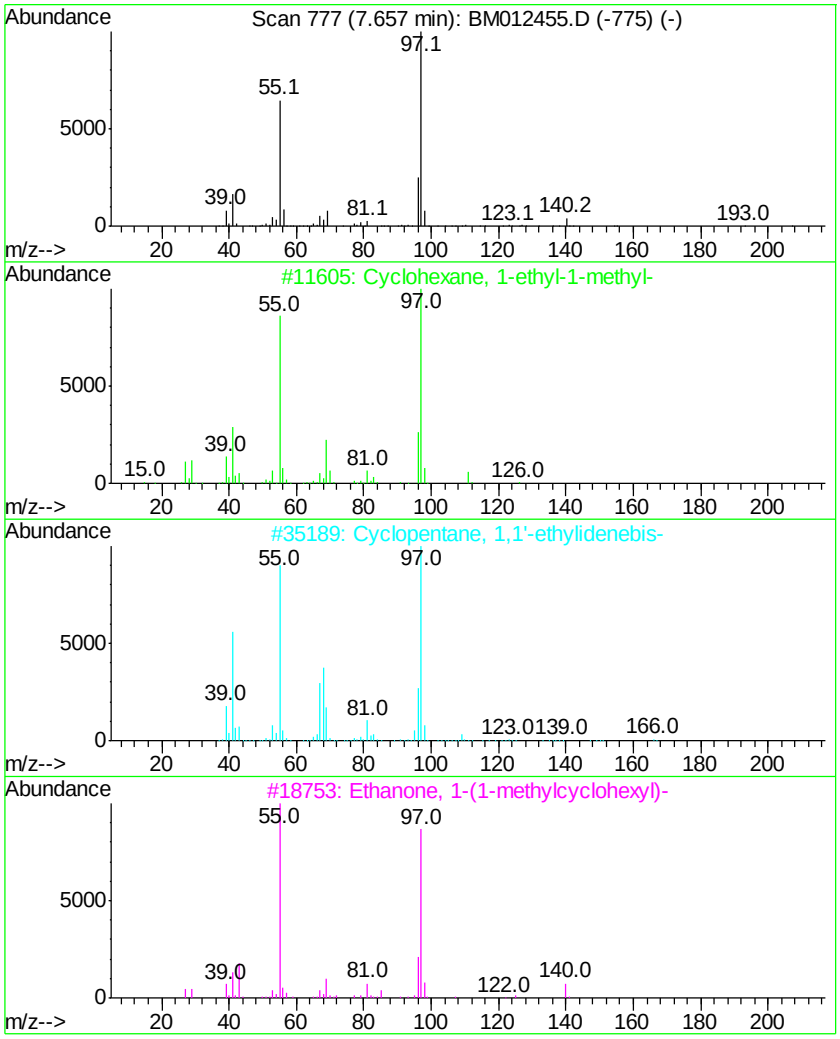
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

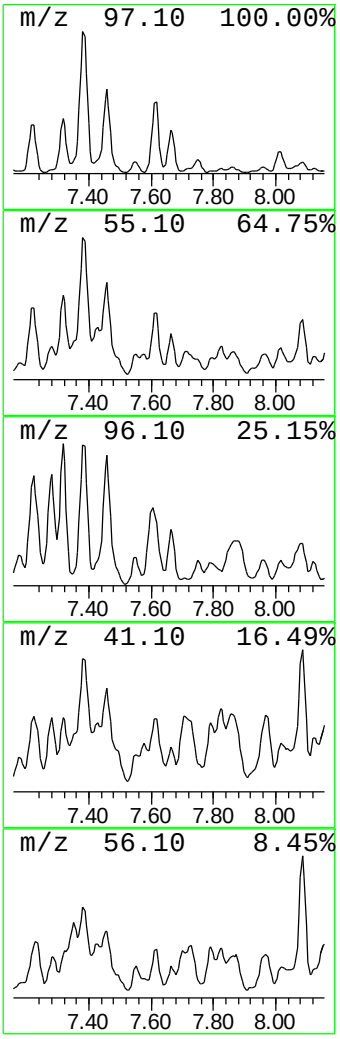
****

Peak Number 34 (DEL) Alkane: Cyclic7.66 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	3.77 ng/ul	3649950	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	80
2	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	78
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	78
4	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	78
5	Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	72





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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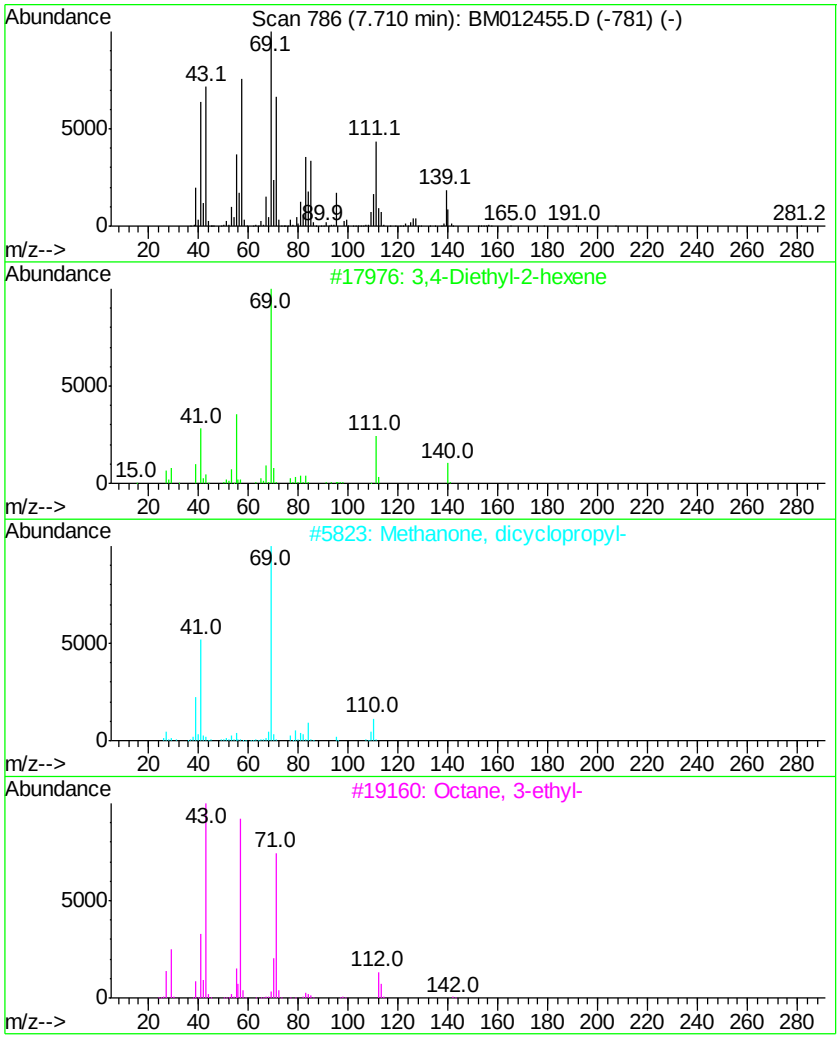
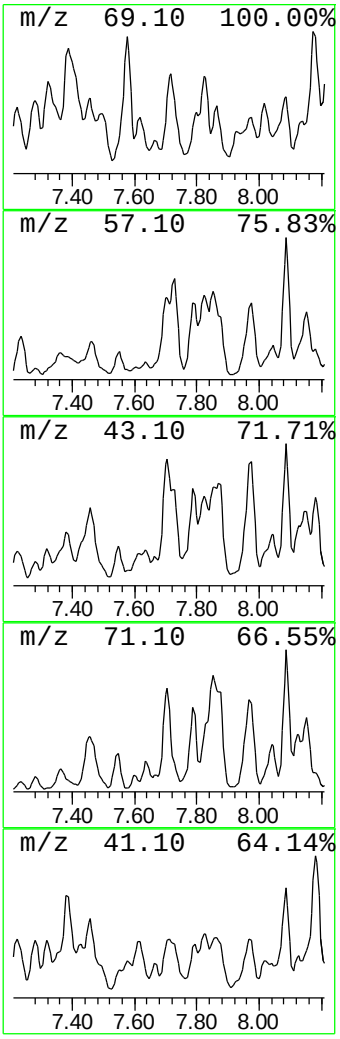
Peak Number 35 (DEL) Alkane: Cyclic7.71 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	18.02 ng/ul	17444200	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	30
2	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	30
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	25
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	22
5	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	22





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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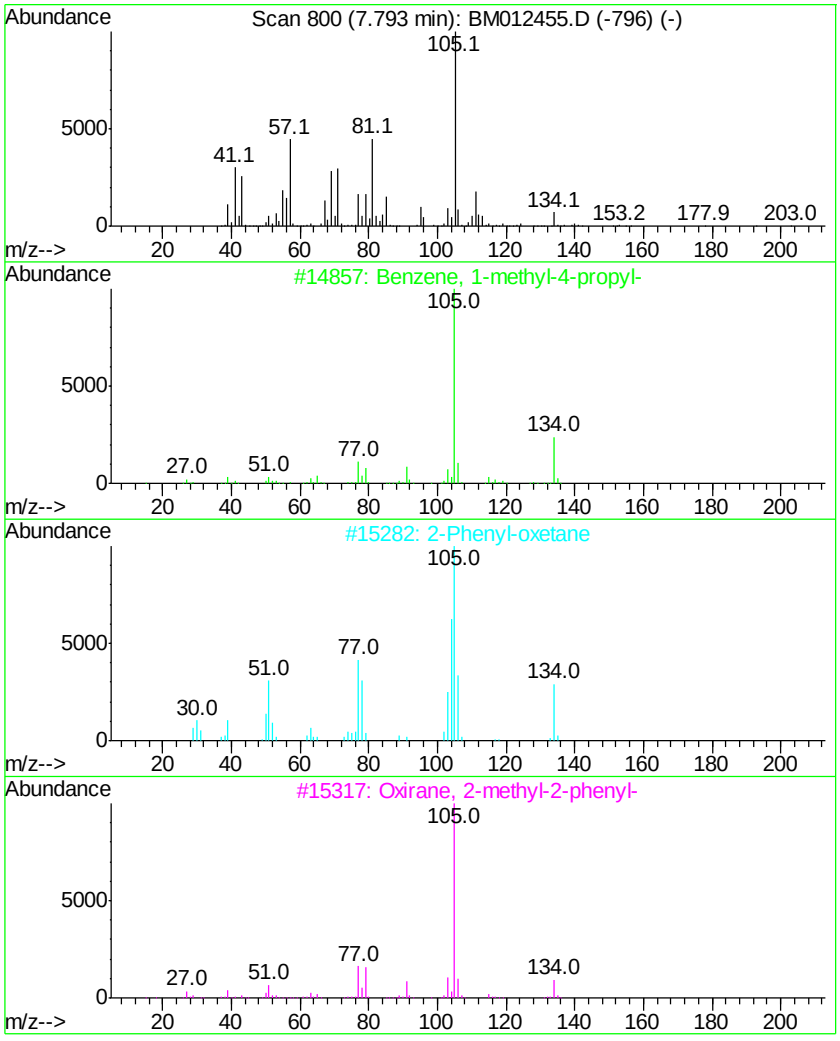
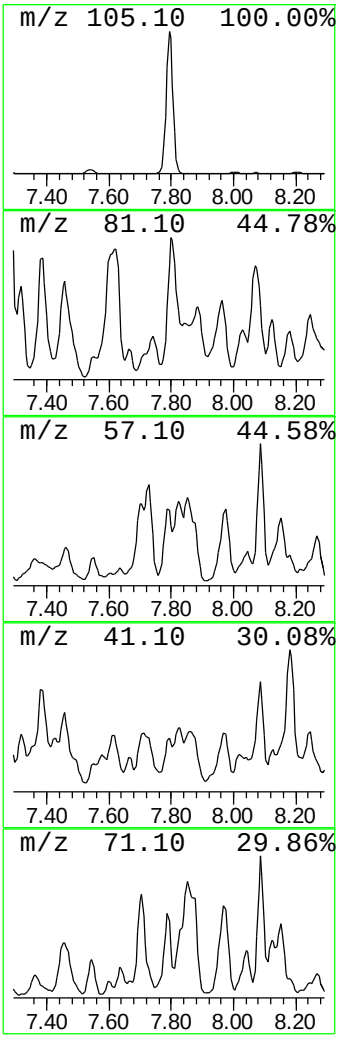
Peak Number 36 unknown-05 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	14.65 ng/ul	14180900	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
2	2-Phenyl-oxetane	134	C9H10O	1000145-26-5	25
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	25
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	22
5	2-Tolyloxirane	134	C9H10O	002783-26-8	22





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

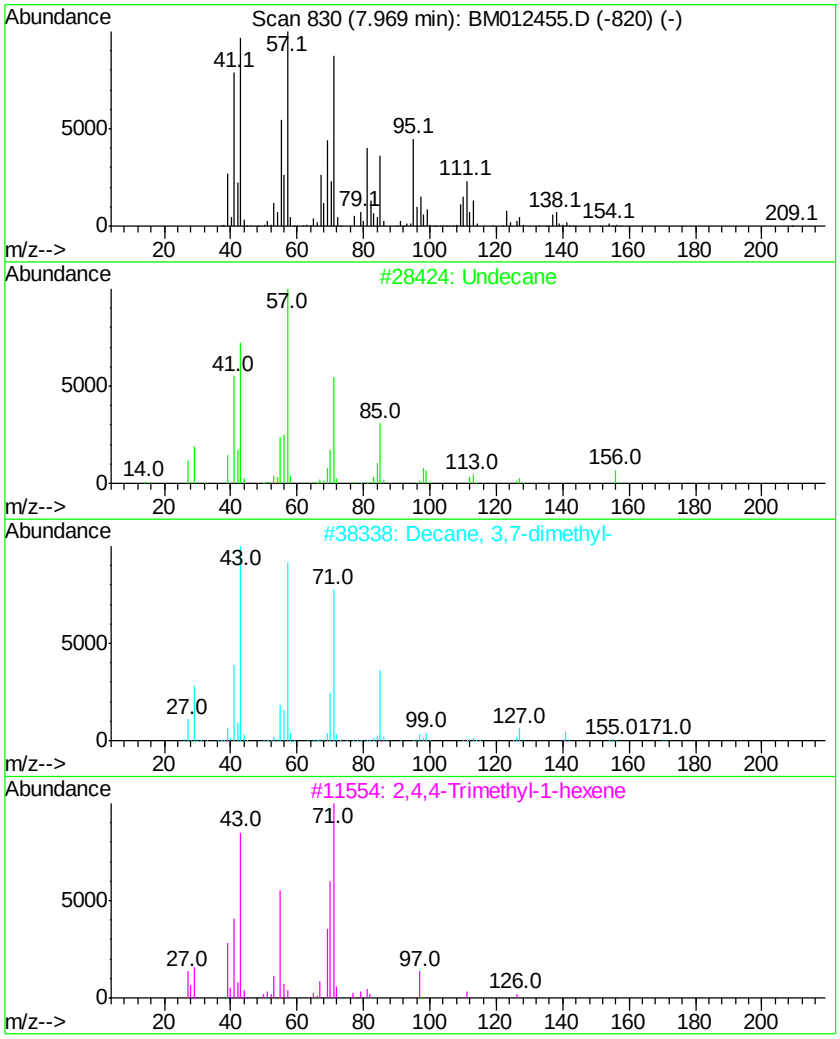
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

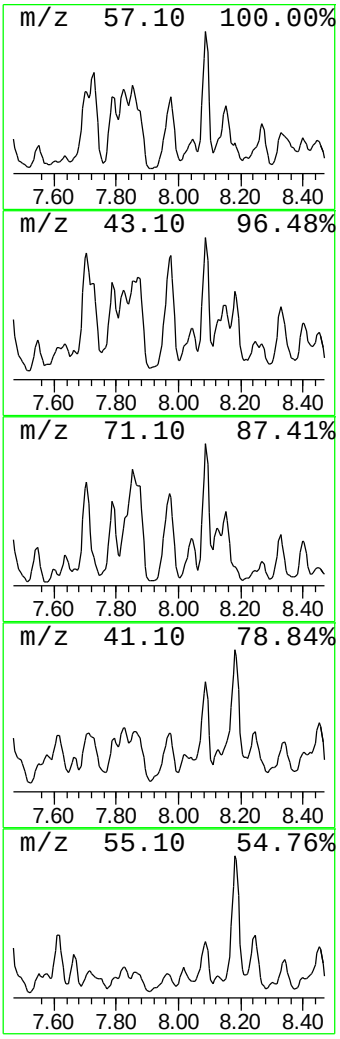
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	20.00 ng/ul	19363600	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	49
2	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	38
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	38
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	38





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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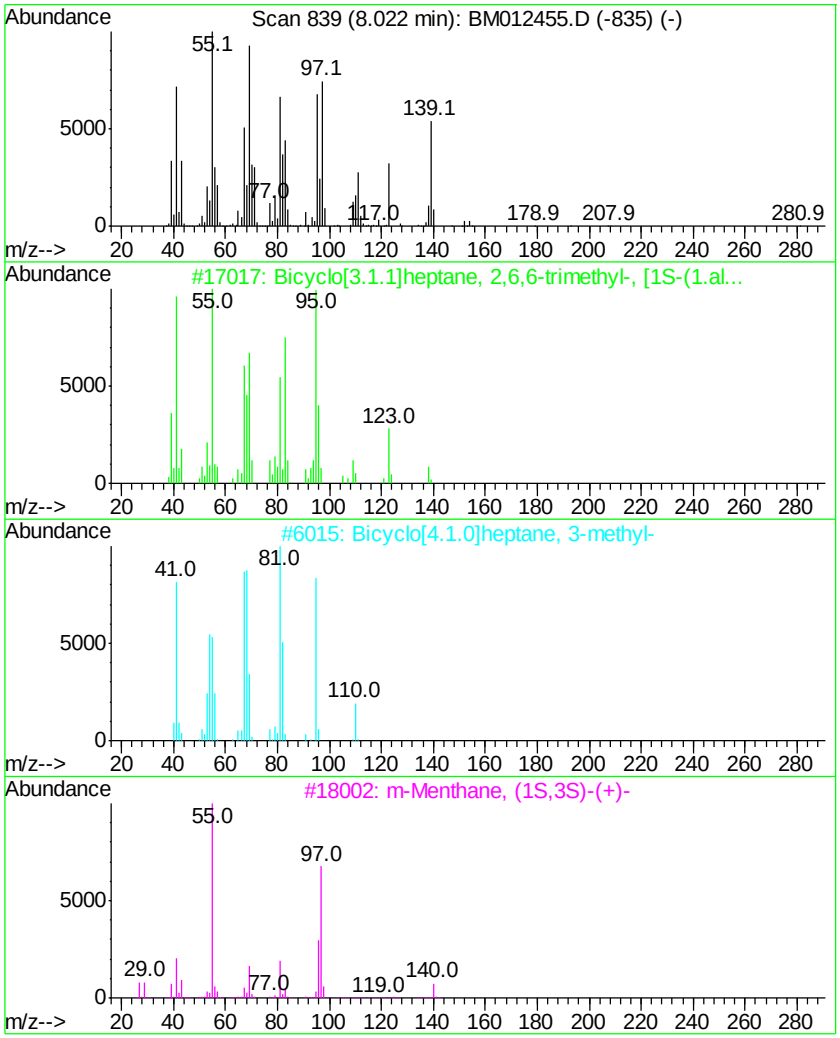
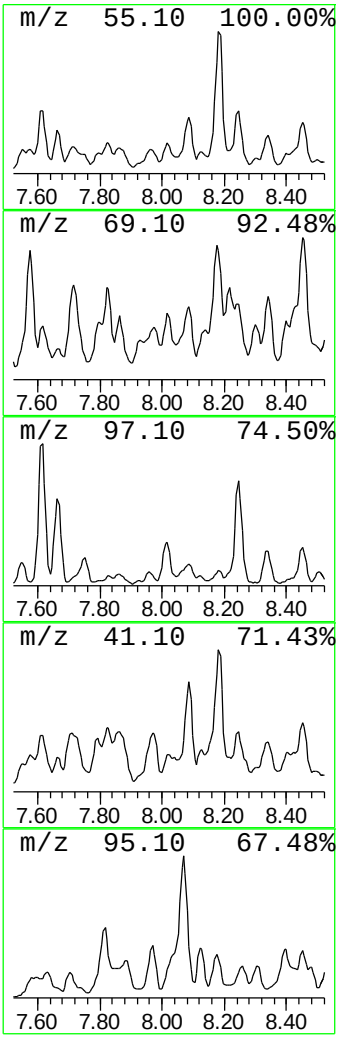
Peak Number 38 unknown-06 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	13.43 ng/ul	13005600	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	27
2	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	15
3	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	14
4	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	14
5	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	14





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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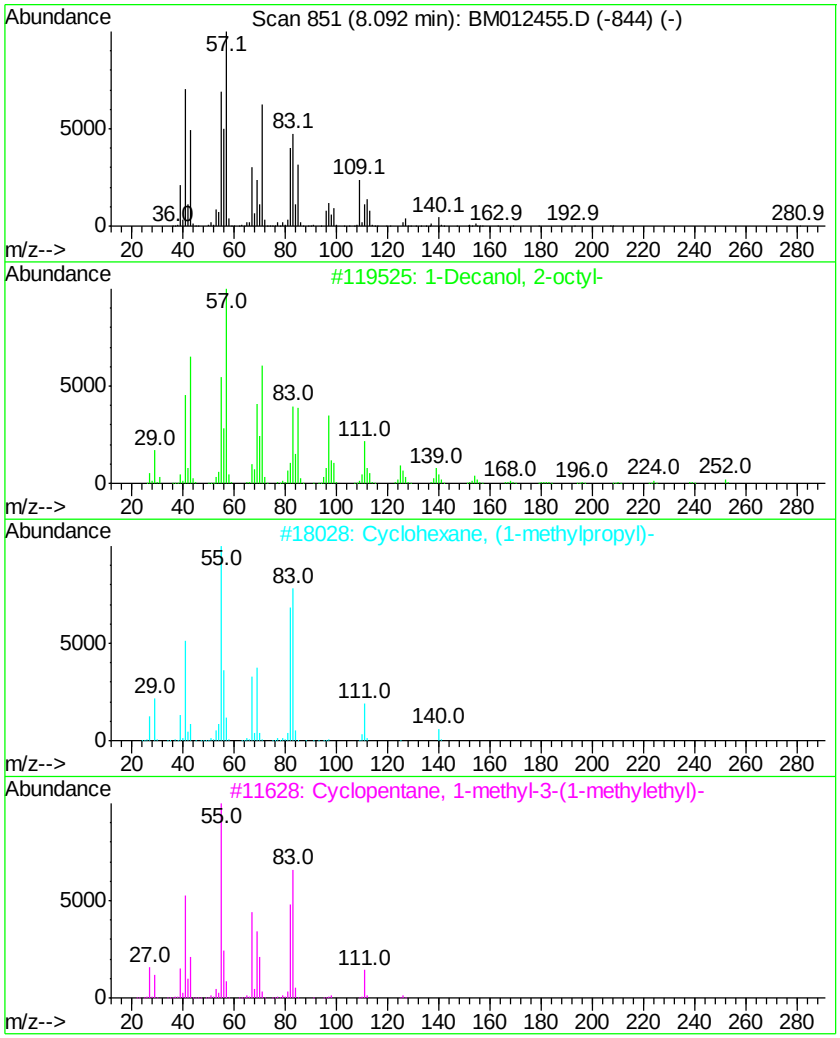
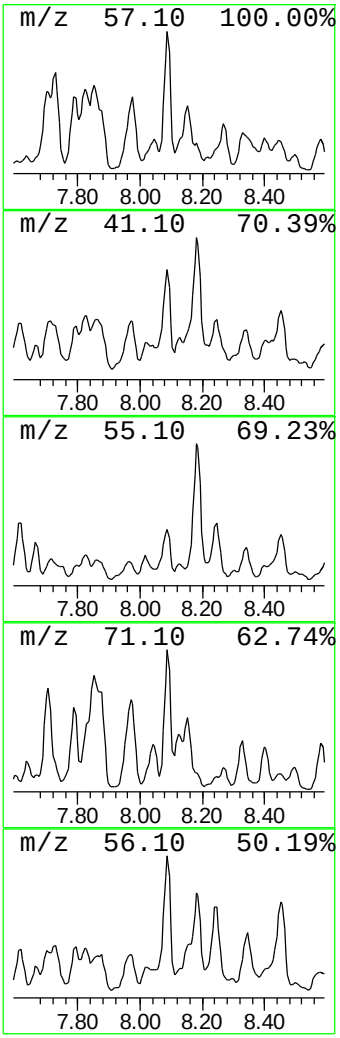
Peak Number 39 unknown-07 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	32.74 ng/ul	31702100	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	43
2	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	38
3	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	27
4	Nonadecane	268	C19H40	000629-92-5	25
5	Cycloheptane, methyl-	112	C8H16	004126-78-7	25





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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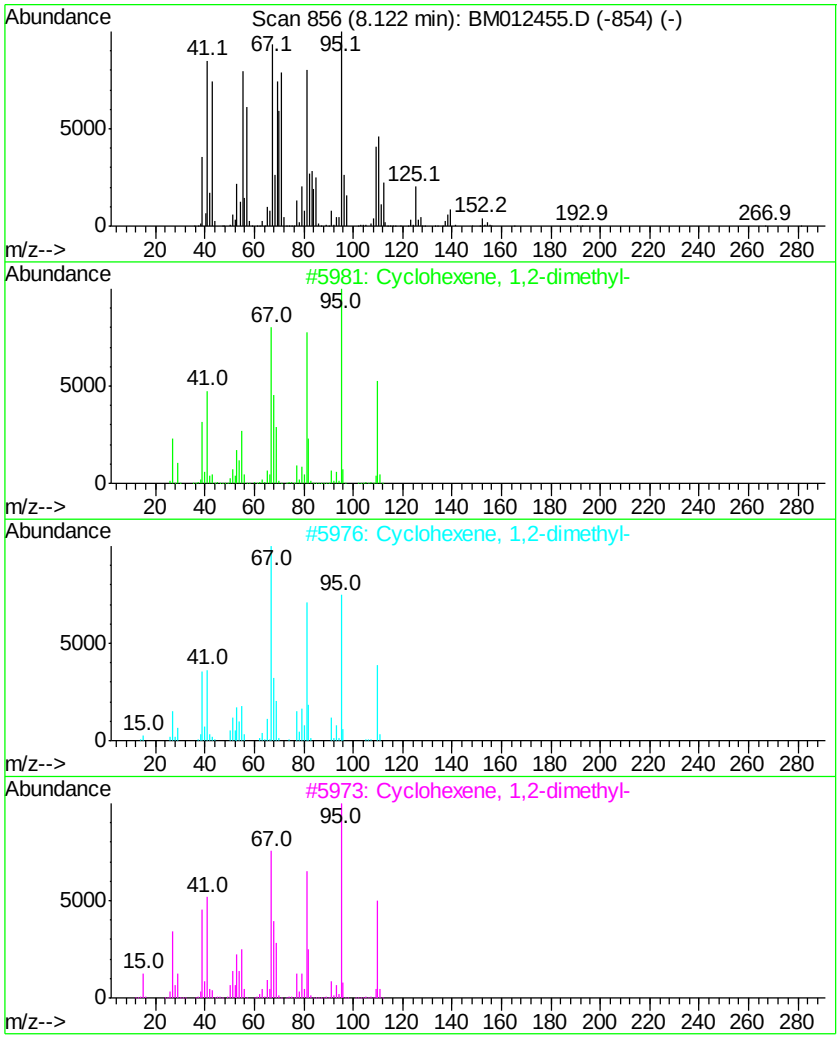
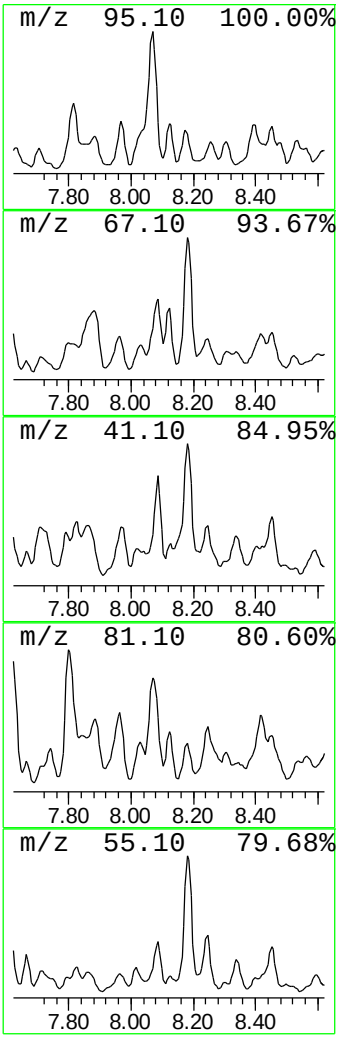
Peak Number 40 Cyclohexene, 1,2-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	9.19 ng/ul	8900360	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	50
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	50
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	45
4	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	45
5	Cyclopentane, (1-methylethenyl)-	110	C8H14	055661-02-4	43





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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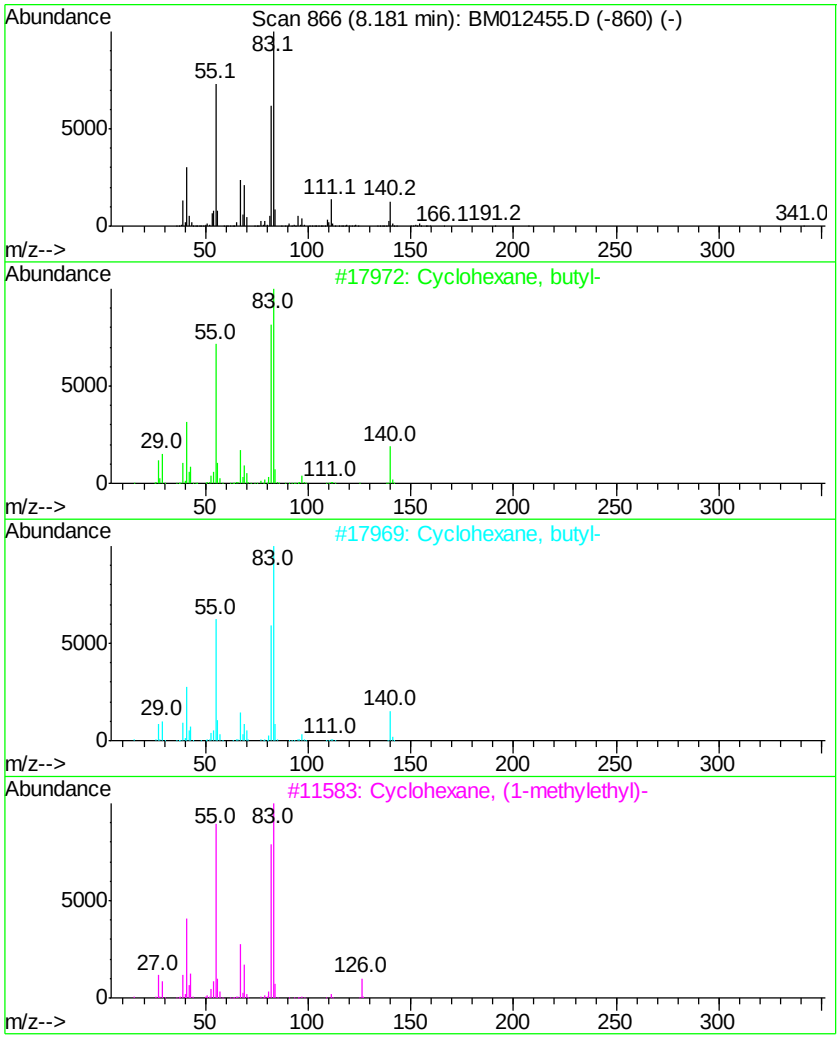
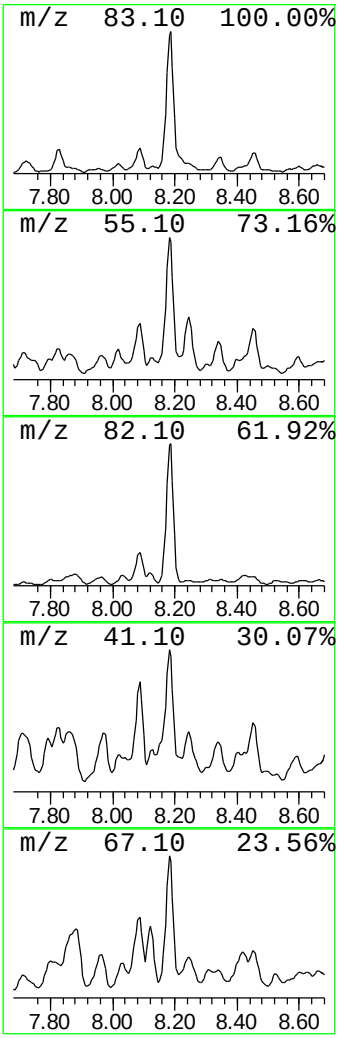
Peak Number 41 (DEL) Alkane: Cyclic8.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	54.45 ng/ul	52712700	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	74
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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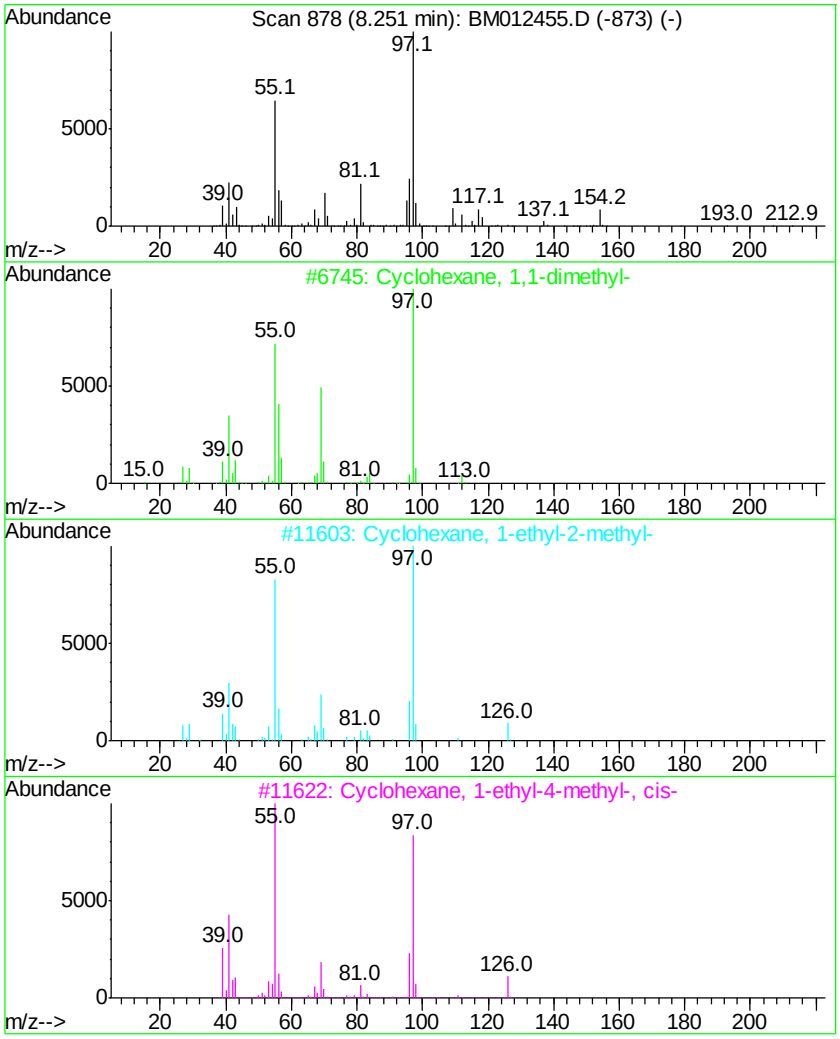
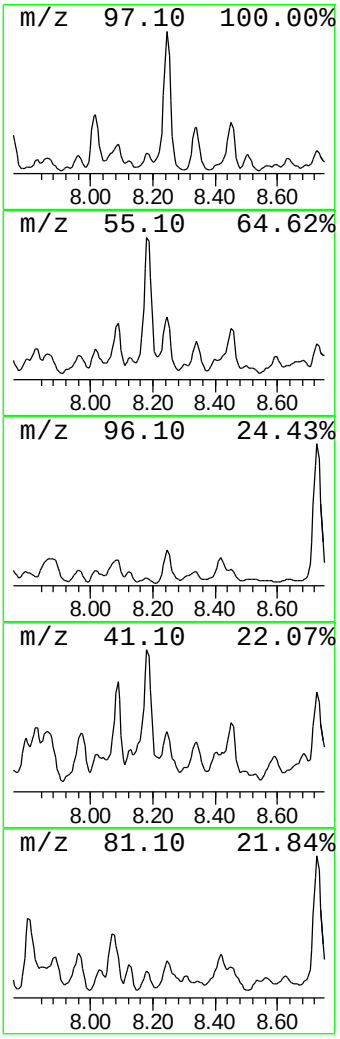
Peak Number 42 (DEL) Alkane: Cyclic8.25 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	19.91 ng/ul	19280800	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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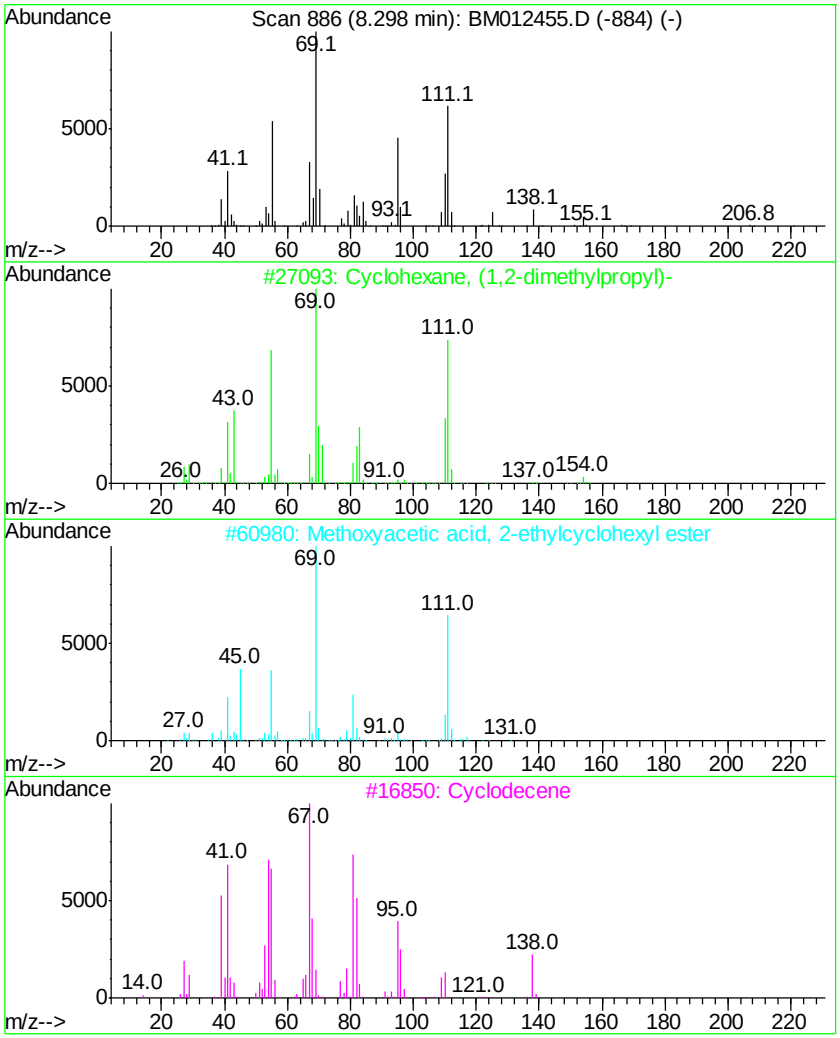
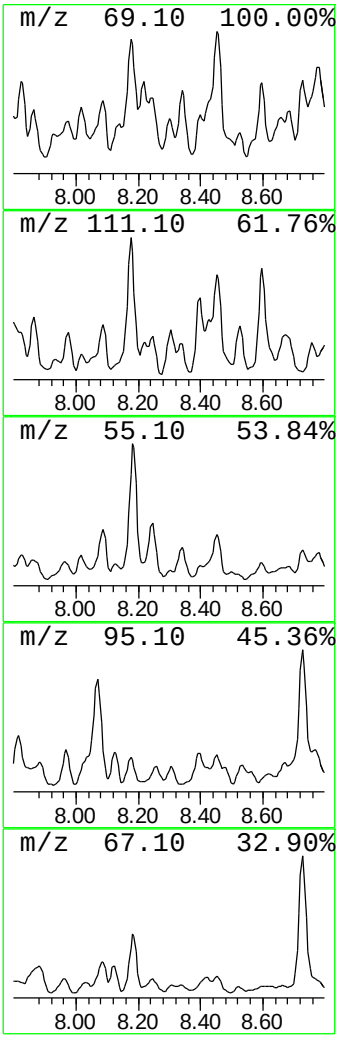
Peak Number 43 (DEL) Alkane: Cyclic8.30 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	2.39 ng/ul	2309870	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	52
2	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	43
3	Cyclodecene	138	C10H18	003618-12-0	38
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	35





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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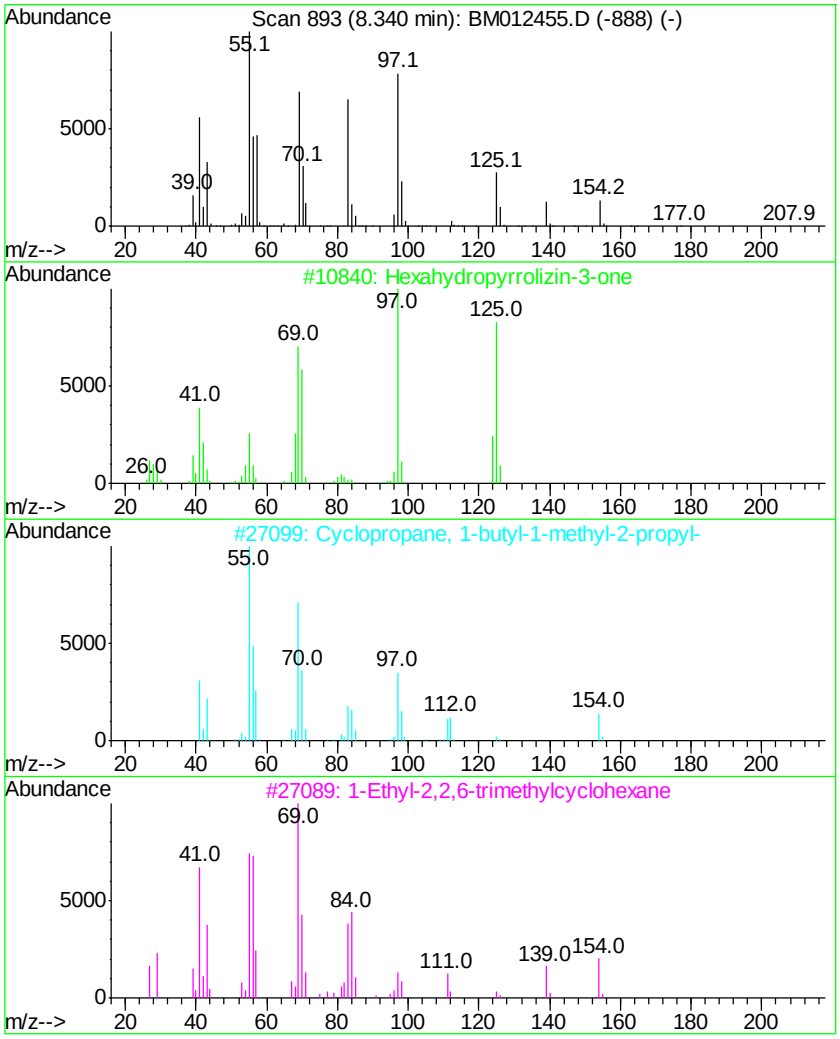
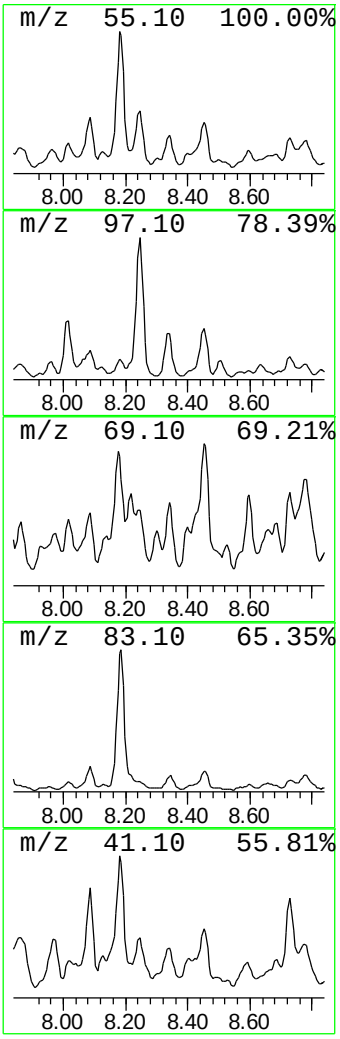
Peak Number 44 unknown-08 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	12.25 ng/ul	11857900	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyrrolizin-3-one	125	C7H11NO	126424-83-7	43
2	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	41
3	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	30
4	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	30
5	(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	30





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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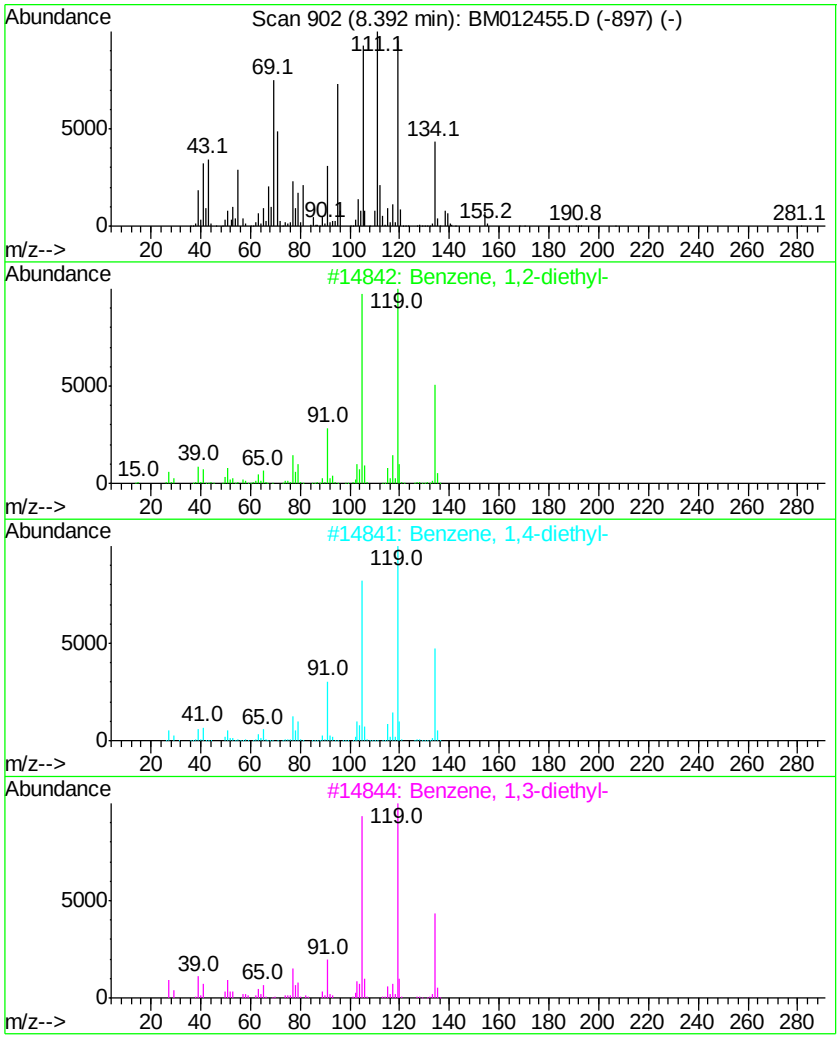
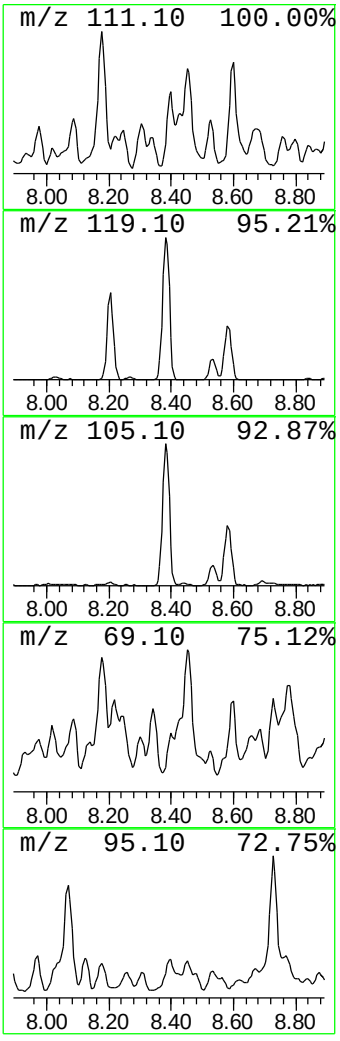
Peak Number 45 Benzene, 1,2-diethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	12.41 ng/ul	12013700	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	74
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	74
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	51
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	38
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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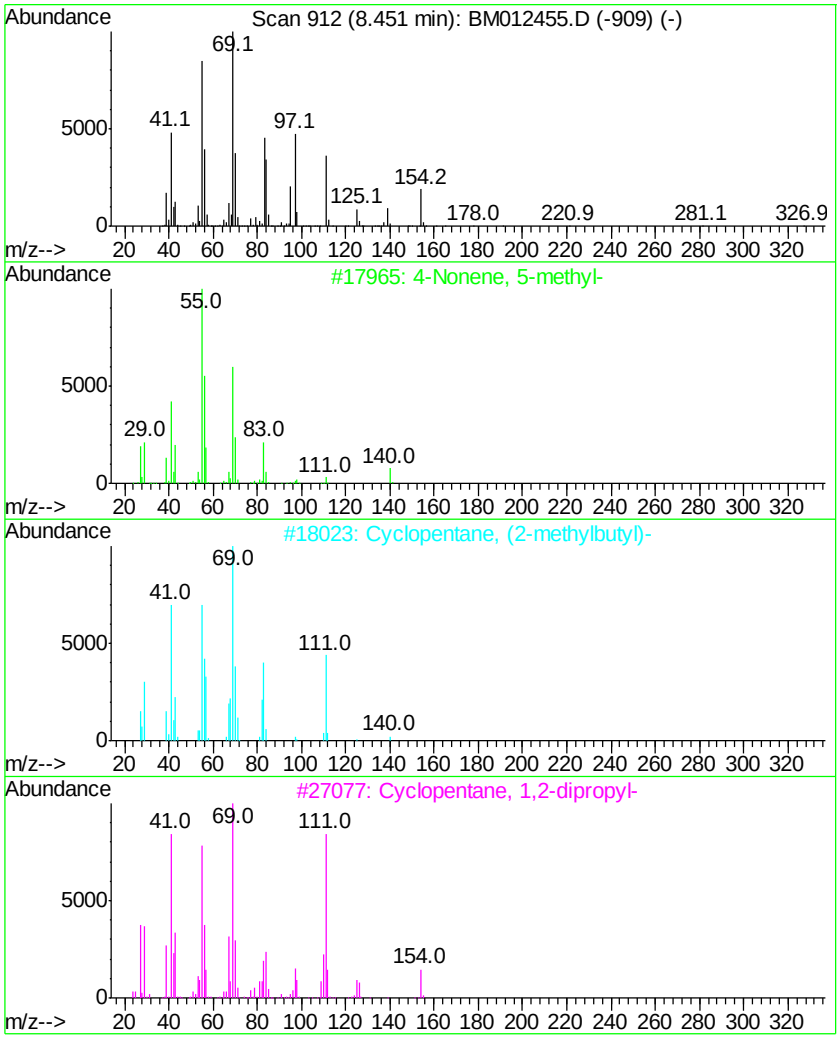
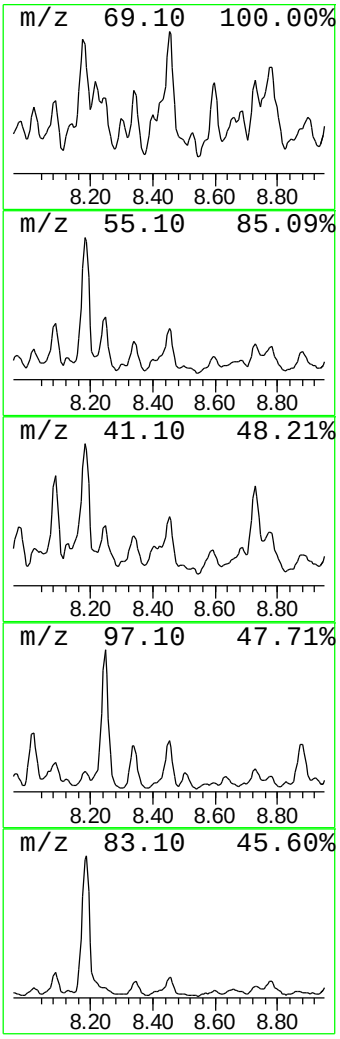
Peak Number 46 (DEL) Alkane: Cyclic8.45 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	16.00 ng/ul	15490300	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 5-methyl-	140	C10H20	015918-07-7	50
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	50
3	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	49
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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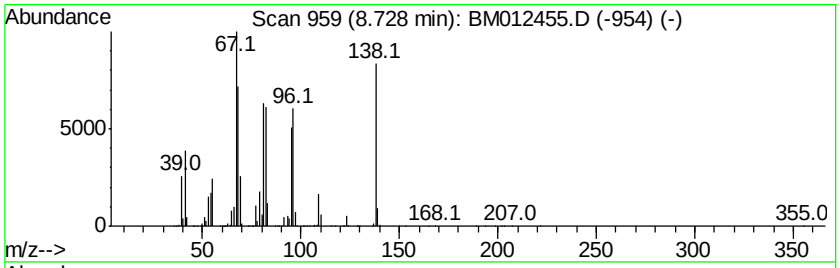
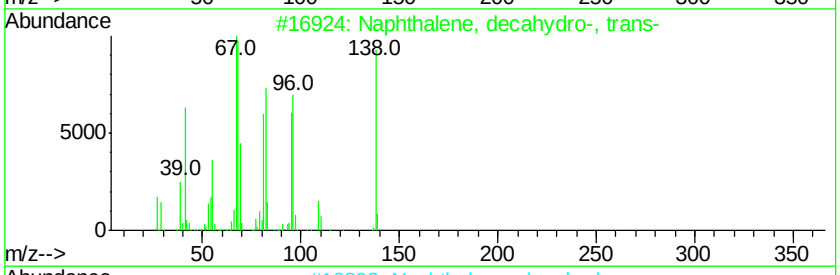
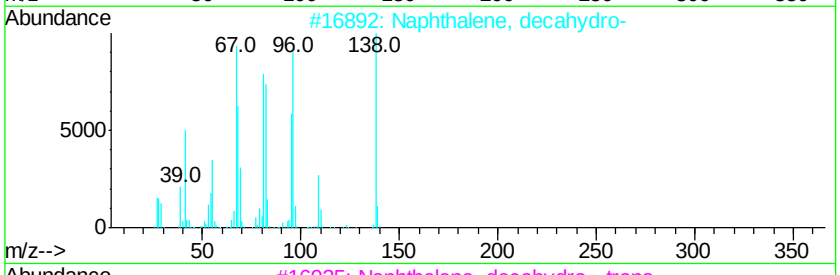
Peak Number 47 Naphthalene, decahydro-, tr... Concentration Rank 6

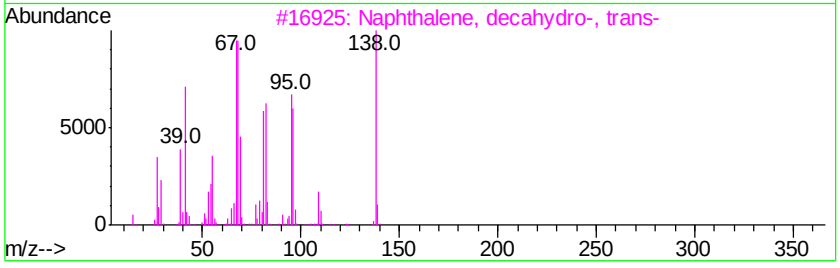
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	33.53 ng/ul	32465700	1,4-Dichlorobenzene-d4	7.89

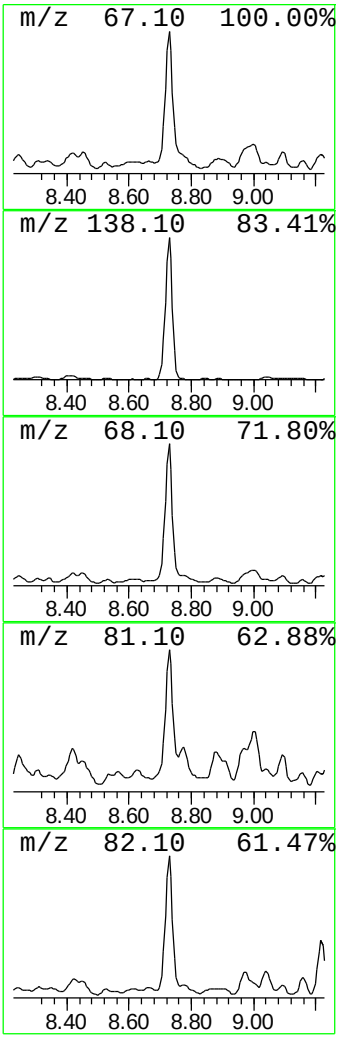
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94











Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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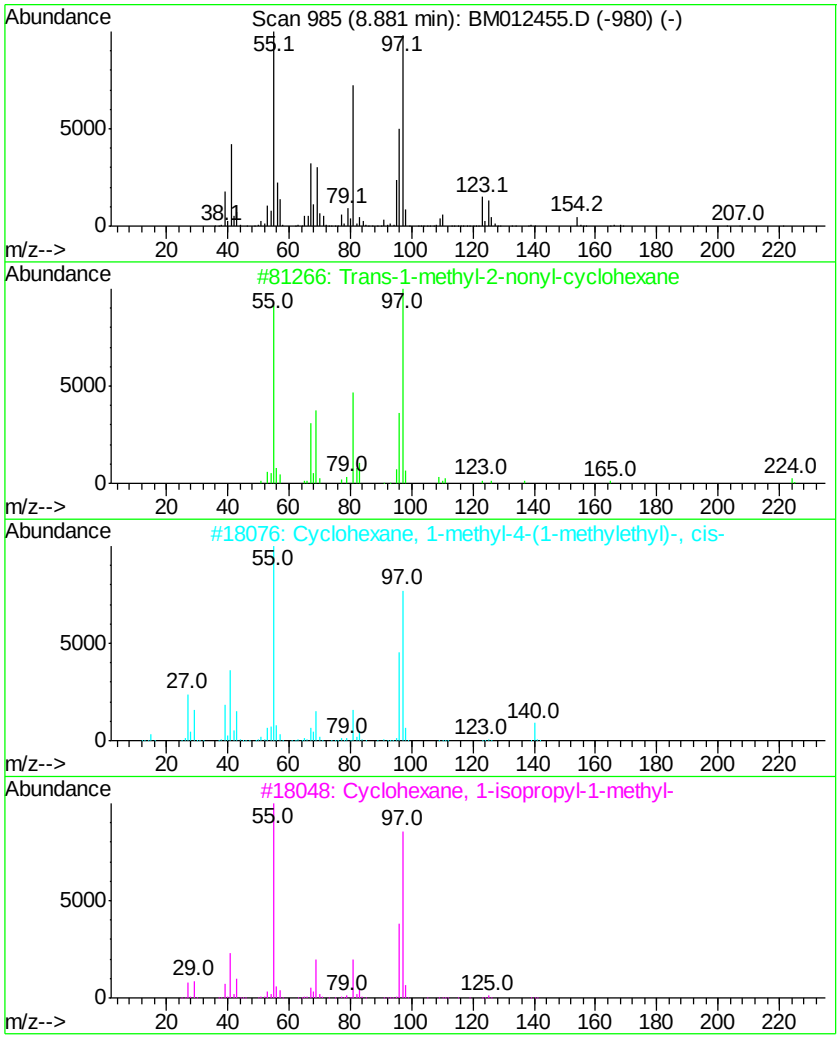
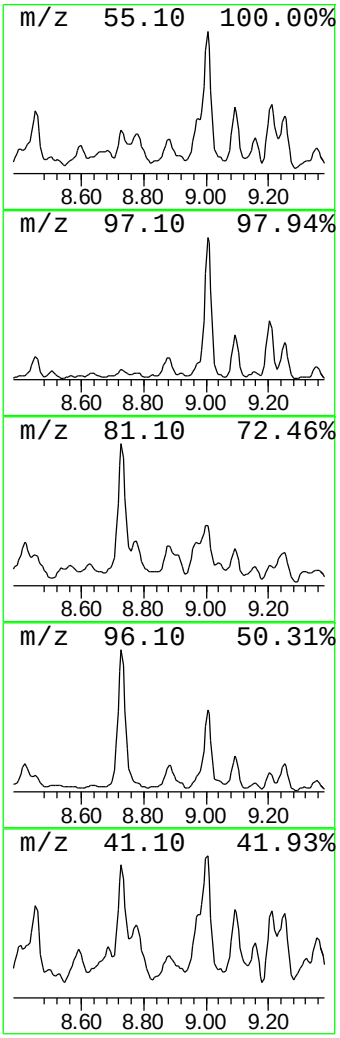
Peak Number 48 Trans-1-methyl-2-nonyl-cycl... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	8.69 ng/ul	8411770	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	53
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	50
3	Cyclohexane, 1-isopropyl-1-methyl-	140	C10H20	016580-26-0	50
4	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	50
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	49





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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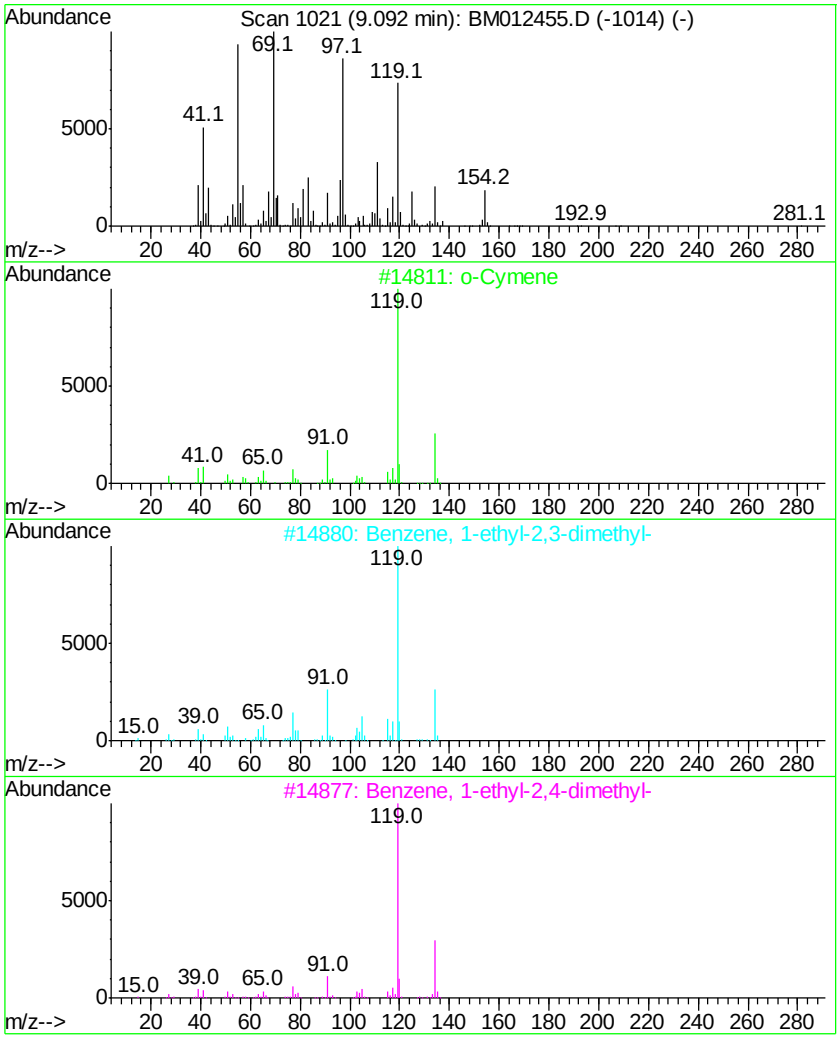
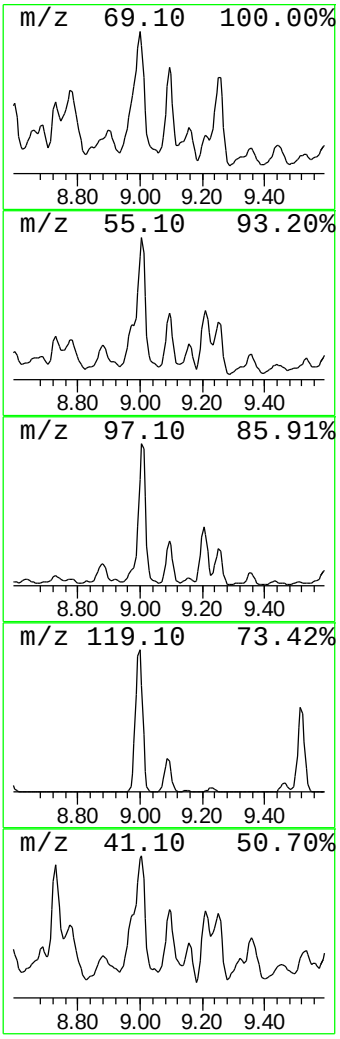
Peak Number 49 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	25.85 ng/ul	25028600	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	60
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	35
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	35
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	35
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	35





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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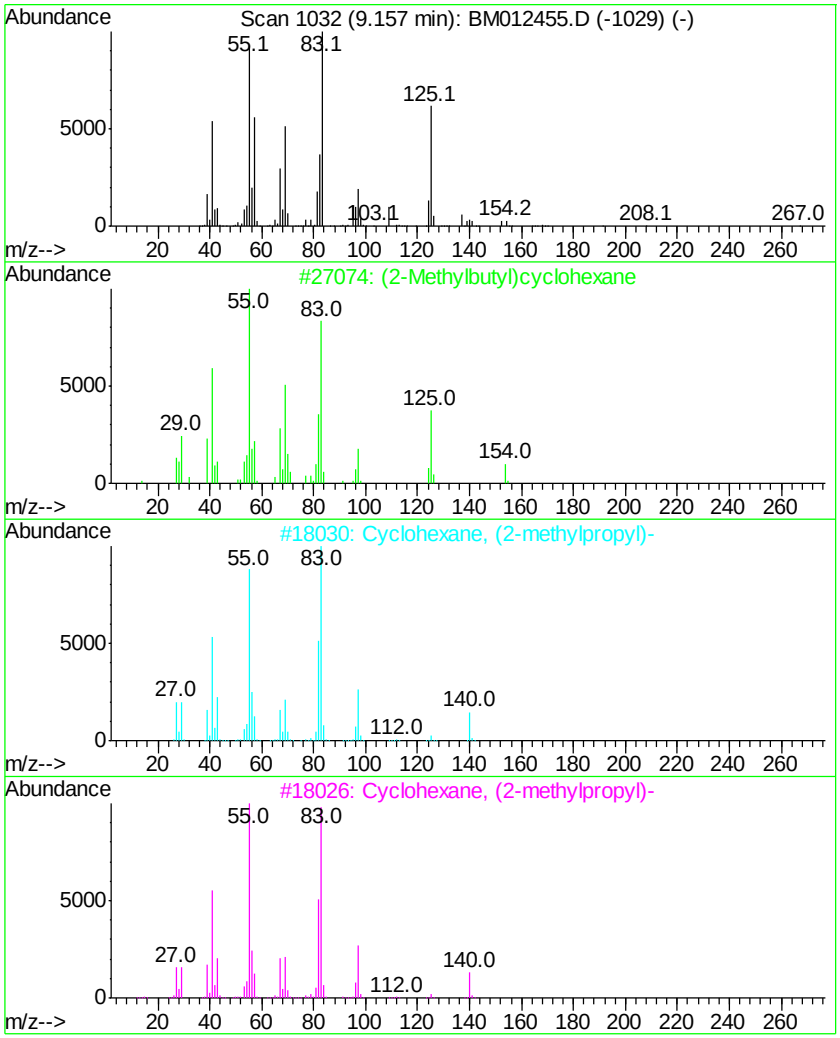
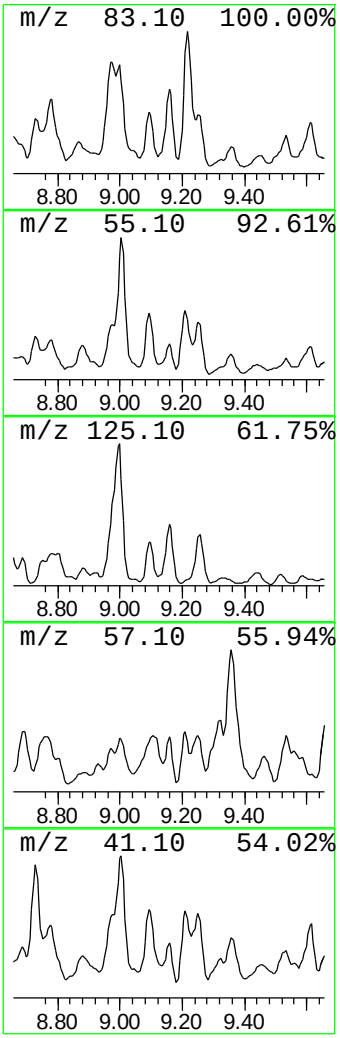
Peak Number 50 (DEL) Alkane: Cyclic9.16 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	8.85 ng/ul	8563570	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	64
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
4	Trichloroacetic acid, 6-chlorohe...	280	C8H12Cl4O2	1000330-89-2	43
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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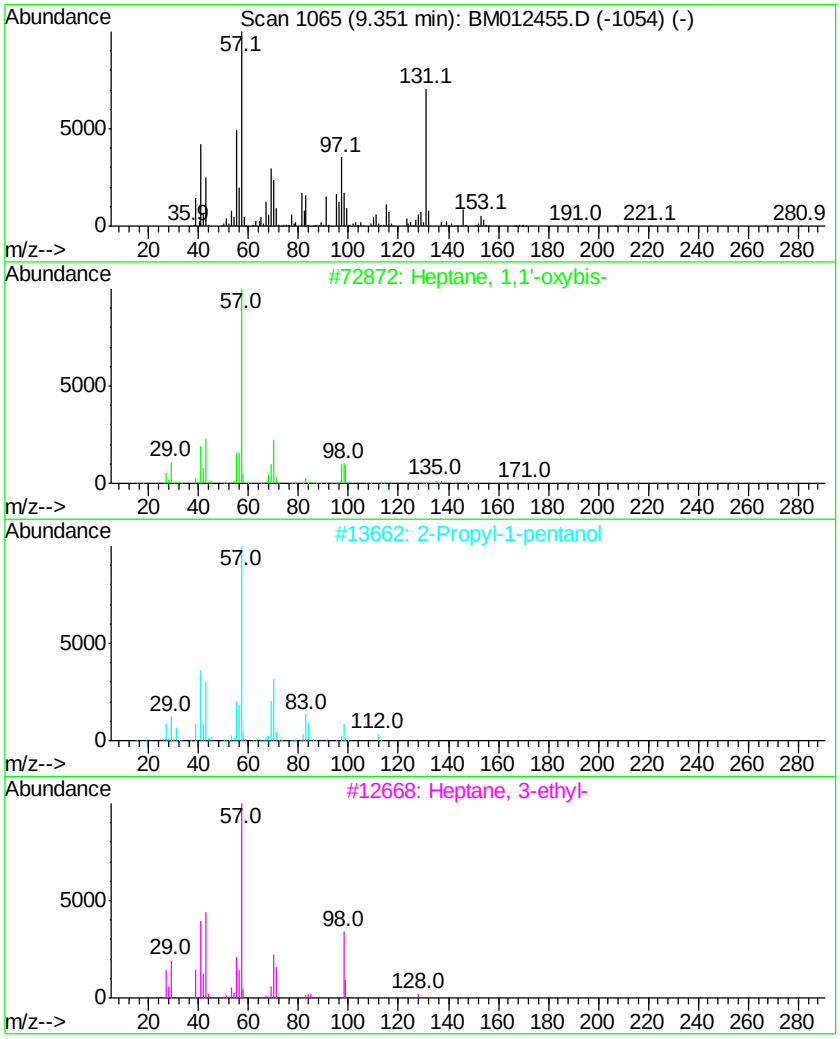
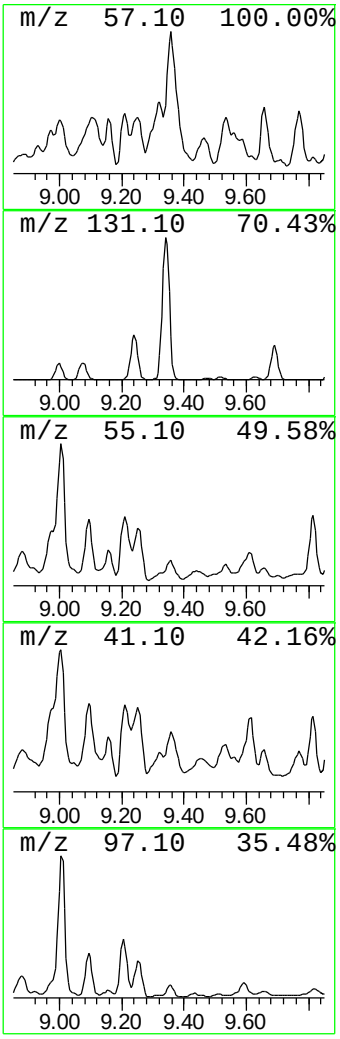
Peak Number 52 unknown-09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	28.33 ng/ul	21161800	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	38
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	35
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	35
4	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	27
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	27





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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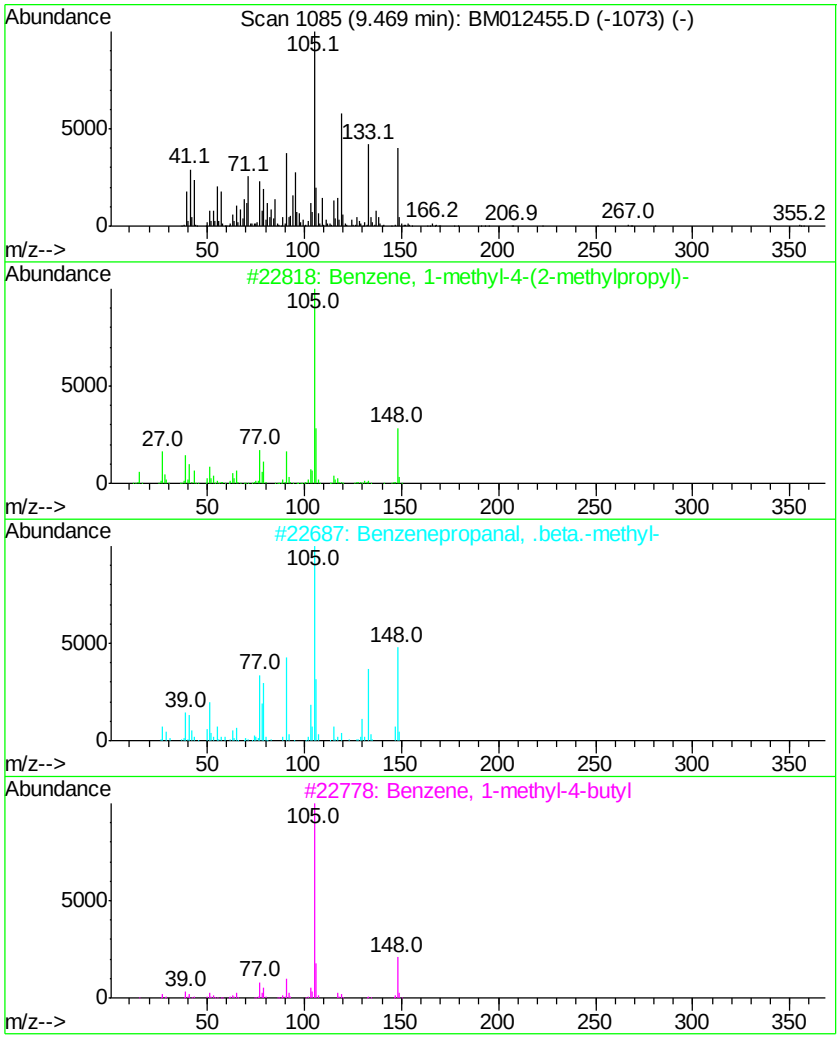
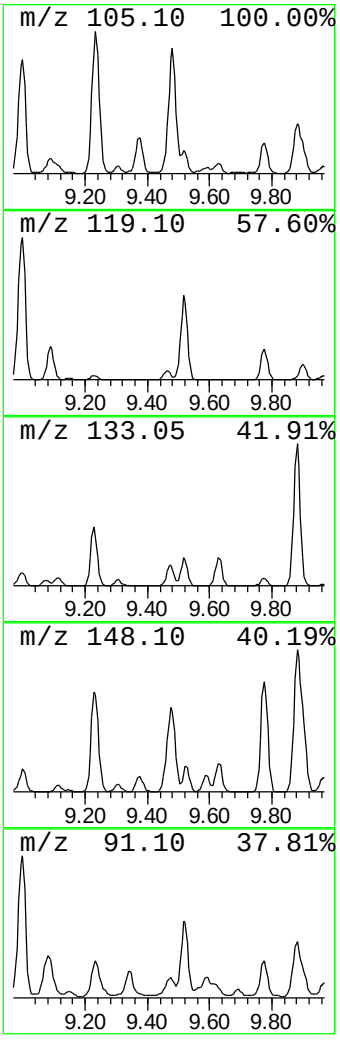
Peak Number 53 unknown-10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	17.96 ng/ul	13415100	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	46
2	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	45
3	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	41
4	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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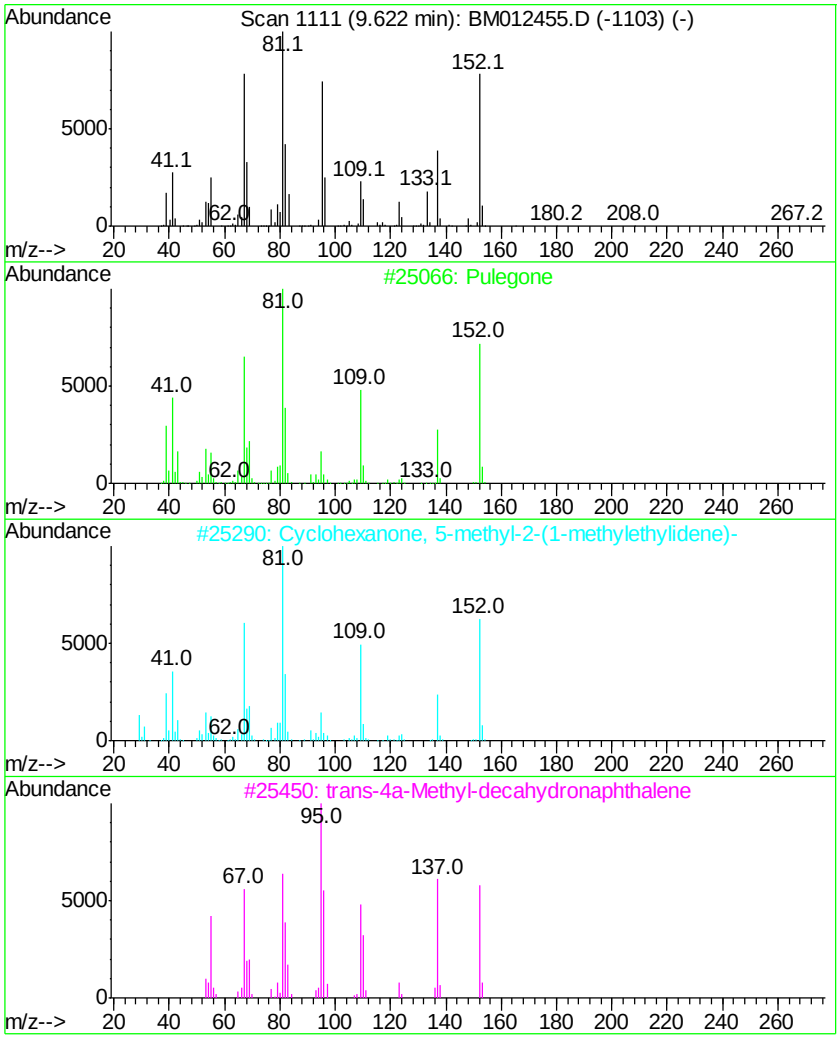
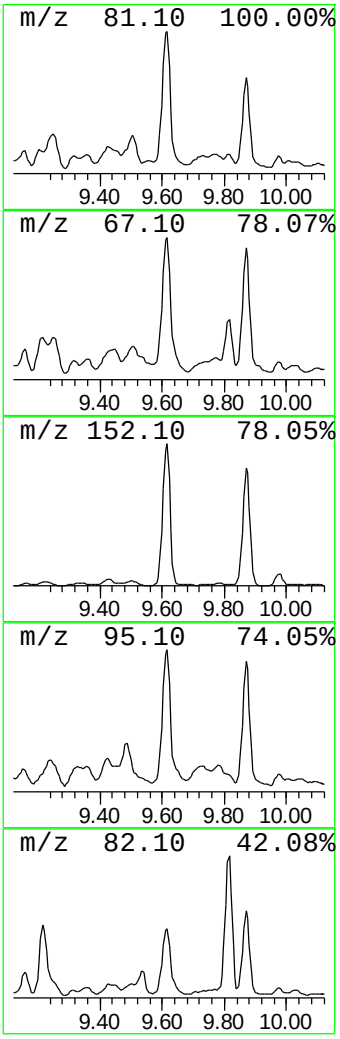
Peak Number 55 Pulegone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	24.49 ng/ul	18289700	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pulegone	152	C10H16O	000089-82-7	81
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	74
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
4	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	64
5	Pulegone	152	C10H16O	000089-82-7	62





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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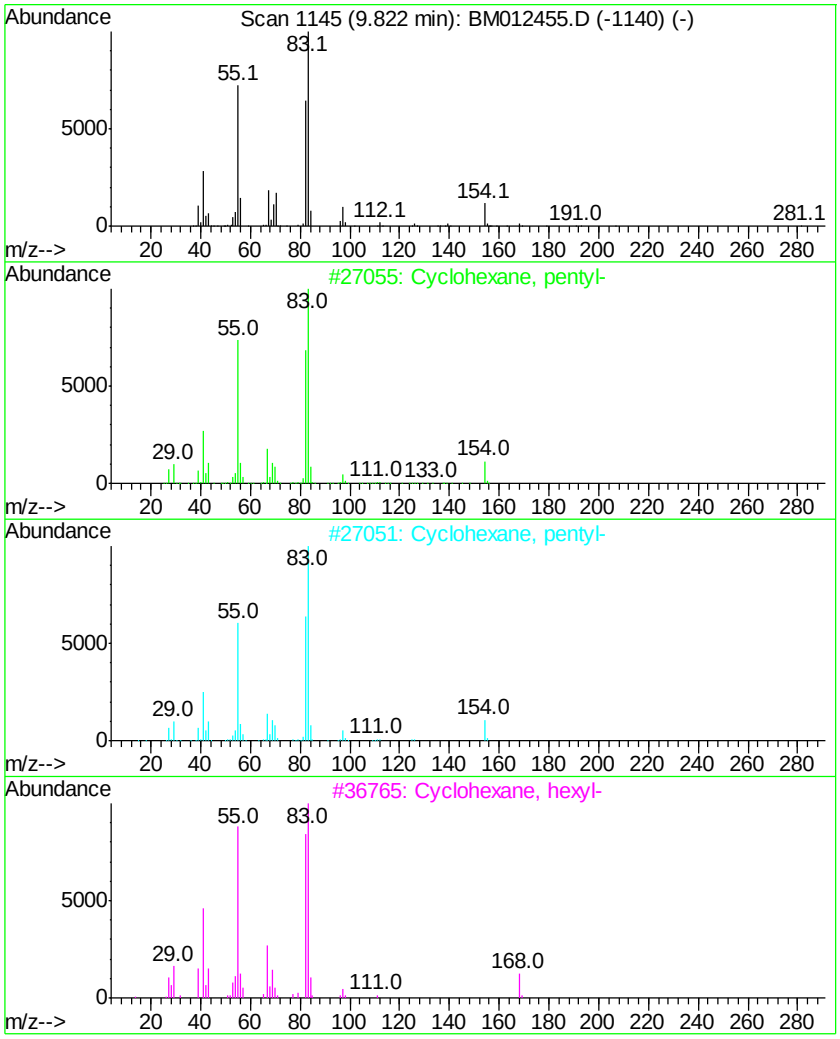
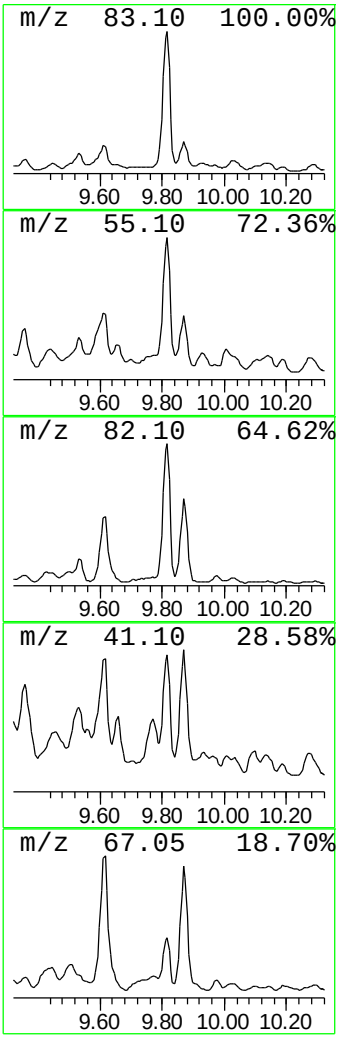
Peak Number 56 (DEL) Alkane: Cyclic9.82 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	16.57 ng/ul	12376800	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	95
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	95
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	90
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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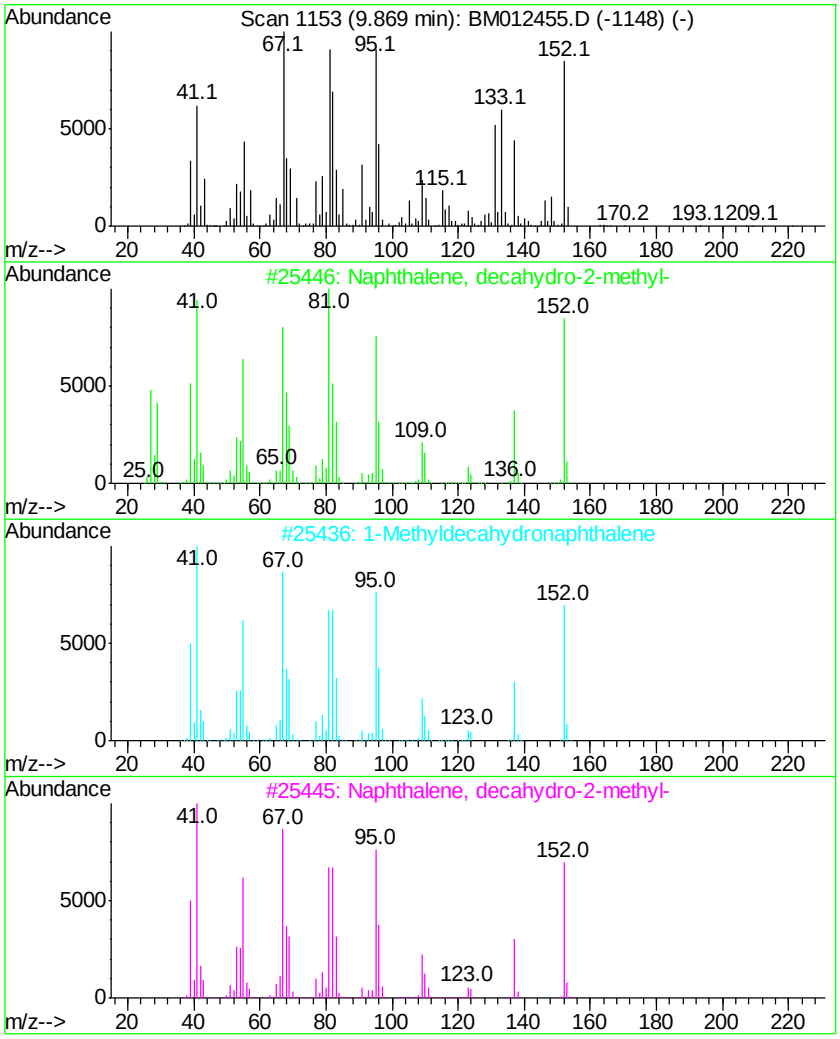
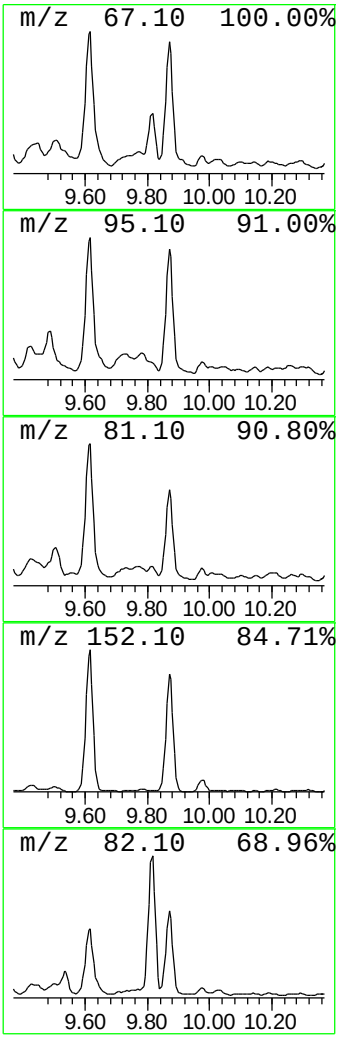
Peak Number 57 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	40.91 ng/ul	30551400	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	53
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	50





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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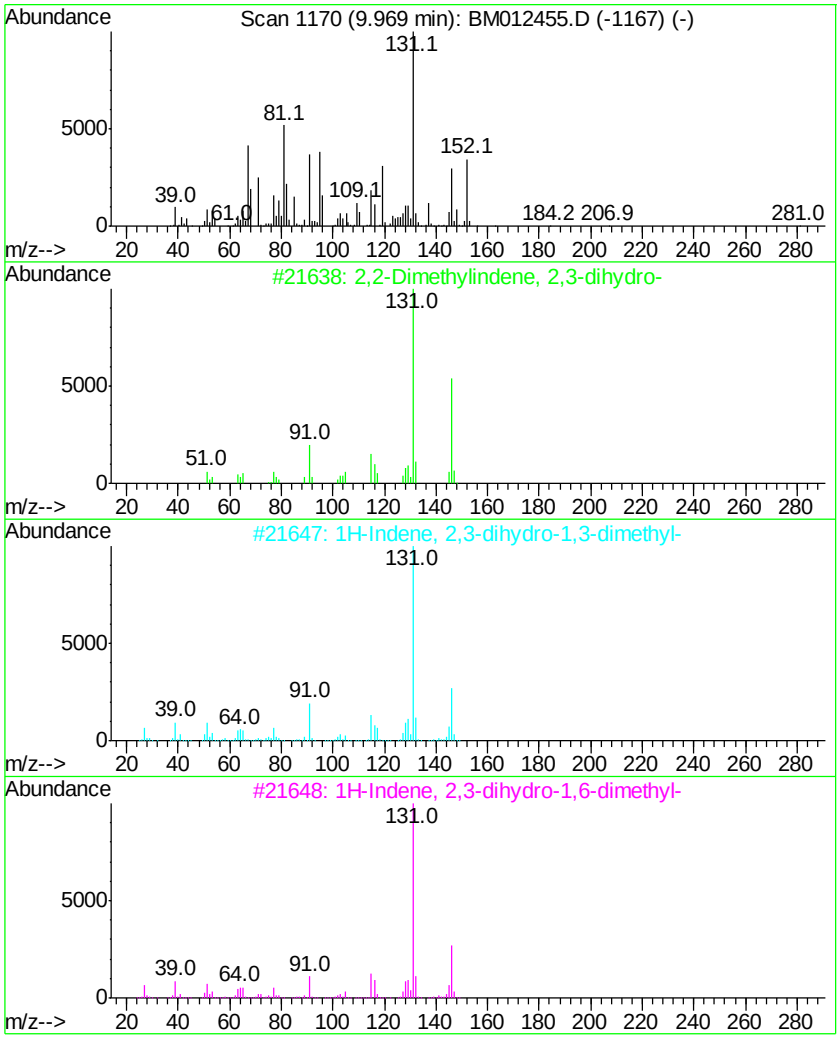
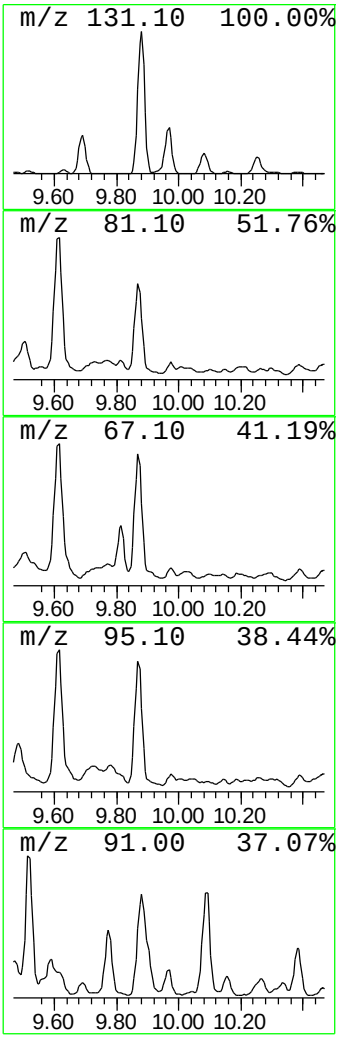
Peak Number 58 unknown-11 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	3.35 ng/ul	2502380	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	45
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	43
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	43
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	43
5	Ethyl-2-benzofuran	146	C10H10O	003131-63-3	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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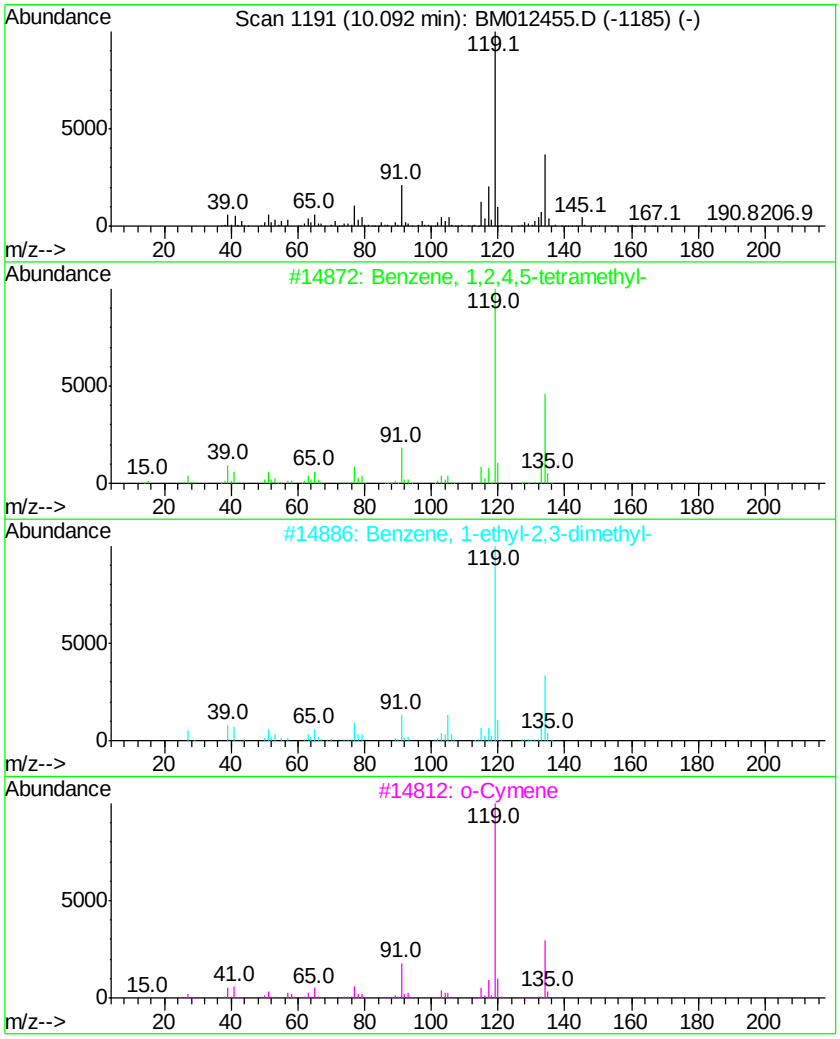
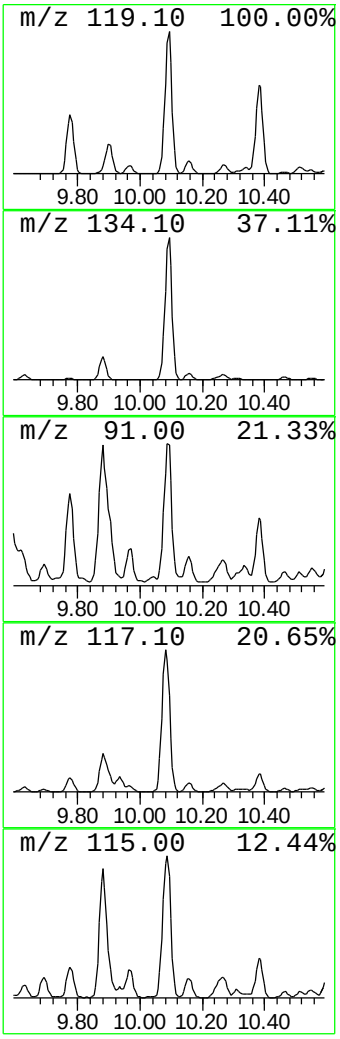
Peak Number 59 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	20.42 ng/ul	15253400	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	89
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3	o-Cymene	134	C10H14	000527-84-4	81
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	o-Cymene	134	C10H14	000527-84-4	81





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Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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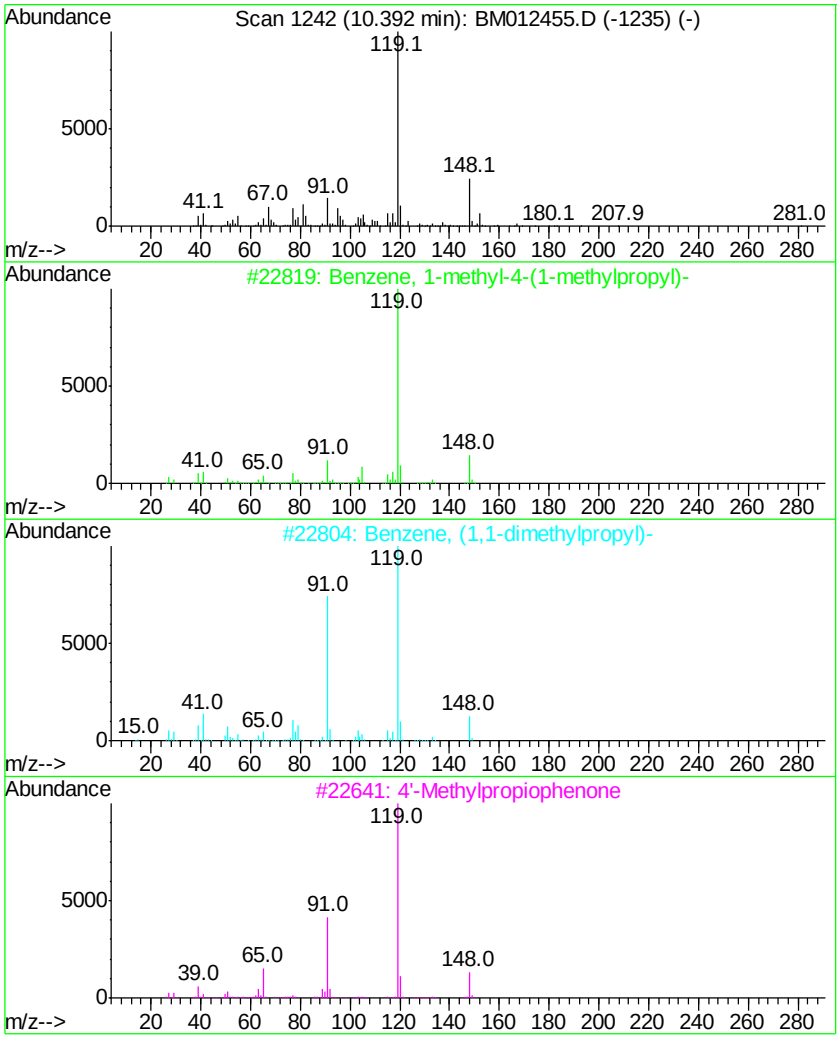
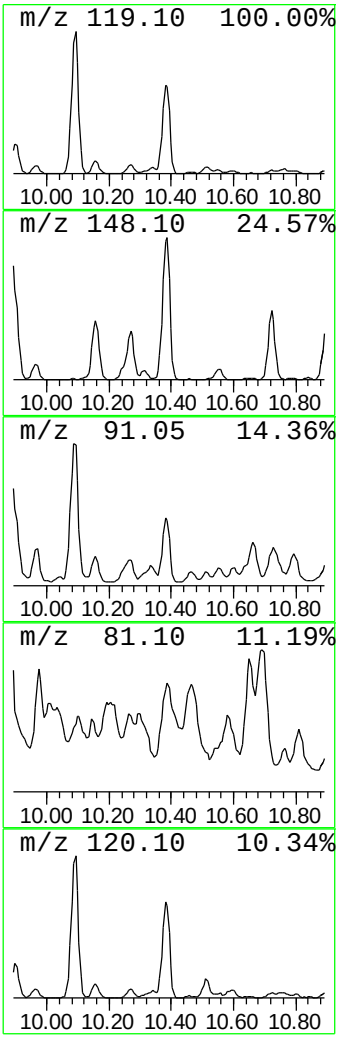
Peak Number 60 Benzene, 1-methyl-4-(1-meth... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	9.55 ng/ul	7133620	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	72
4	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	64
5	o-Cymene	134	C10H14	000527-84-4	64





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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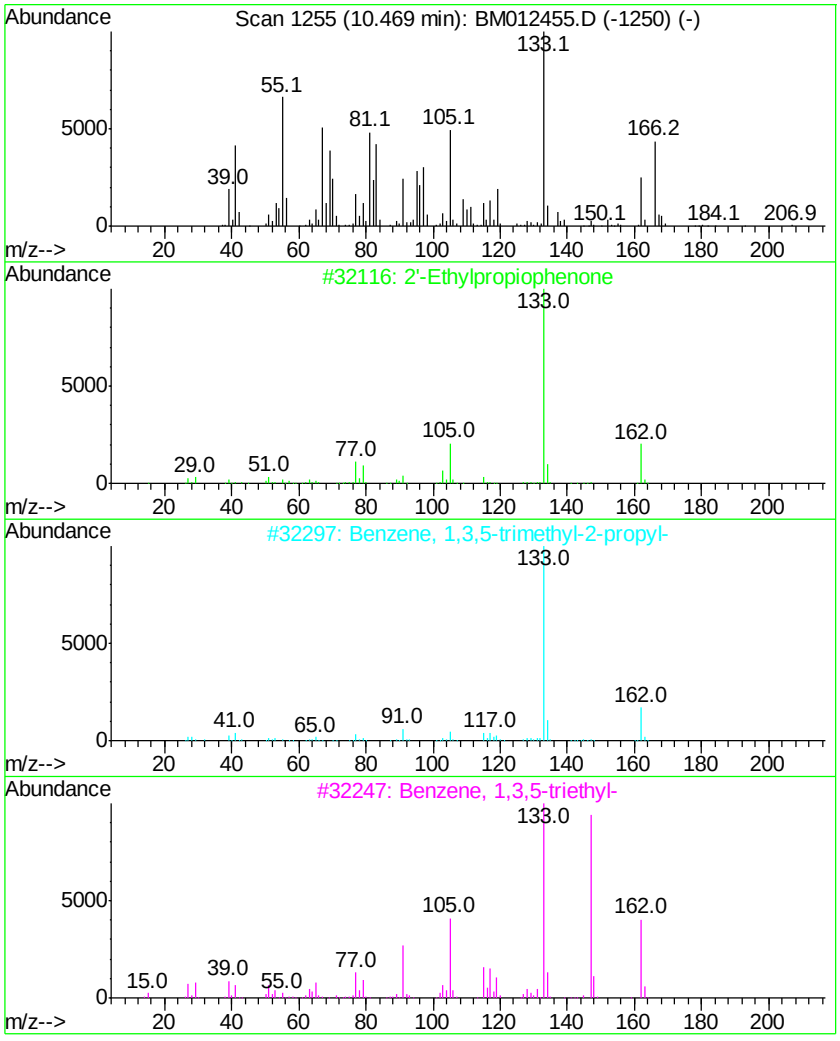
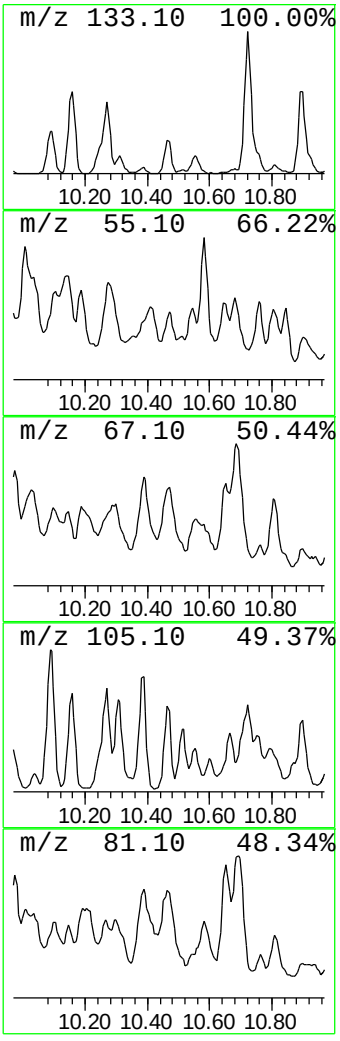
Peak Number 61 unknown-12 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	2.69 ng/ul	2005880	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2'-Ethylpropiophenone	162	C11H14O	016819-79-7	38
2	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	25
3	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	25
4	1-Phenylcyclopentanol-1	162	C11H14O	010487-96-4	22
5	Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	22





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Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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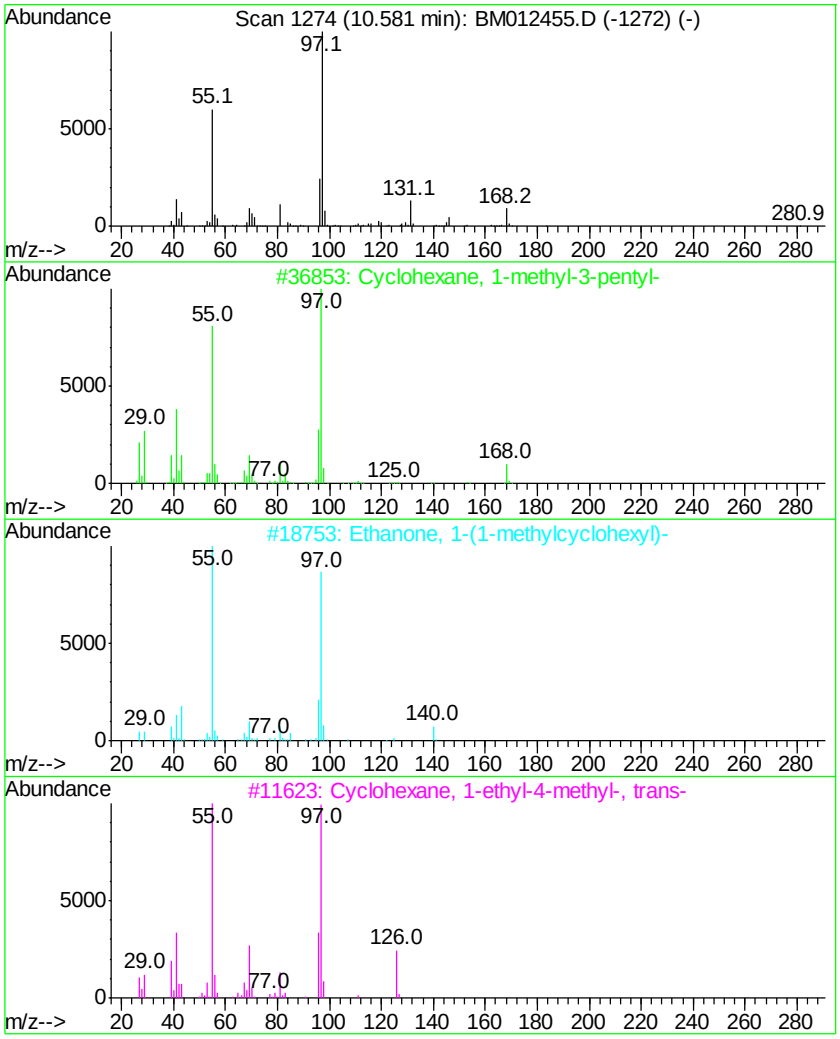
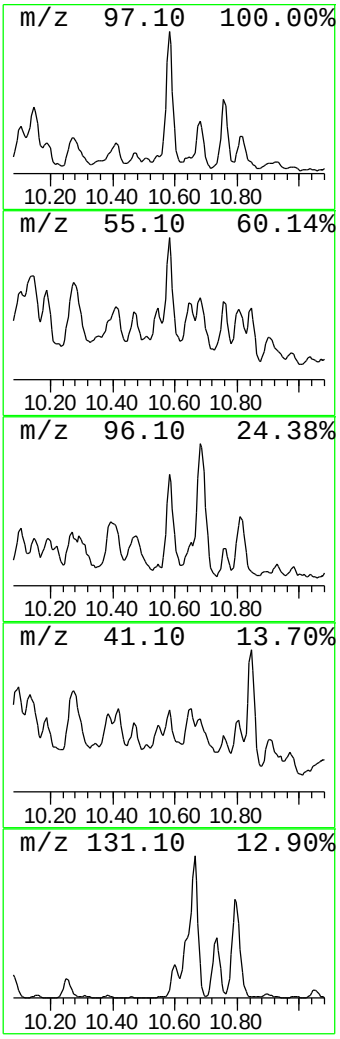
Peak Number 62 (DEL) Alkane: Cyclic10.58 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	4.21 ng/ul	3145070	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	87
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	53
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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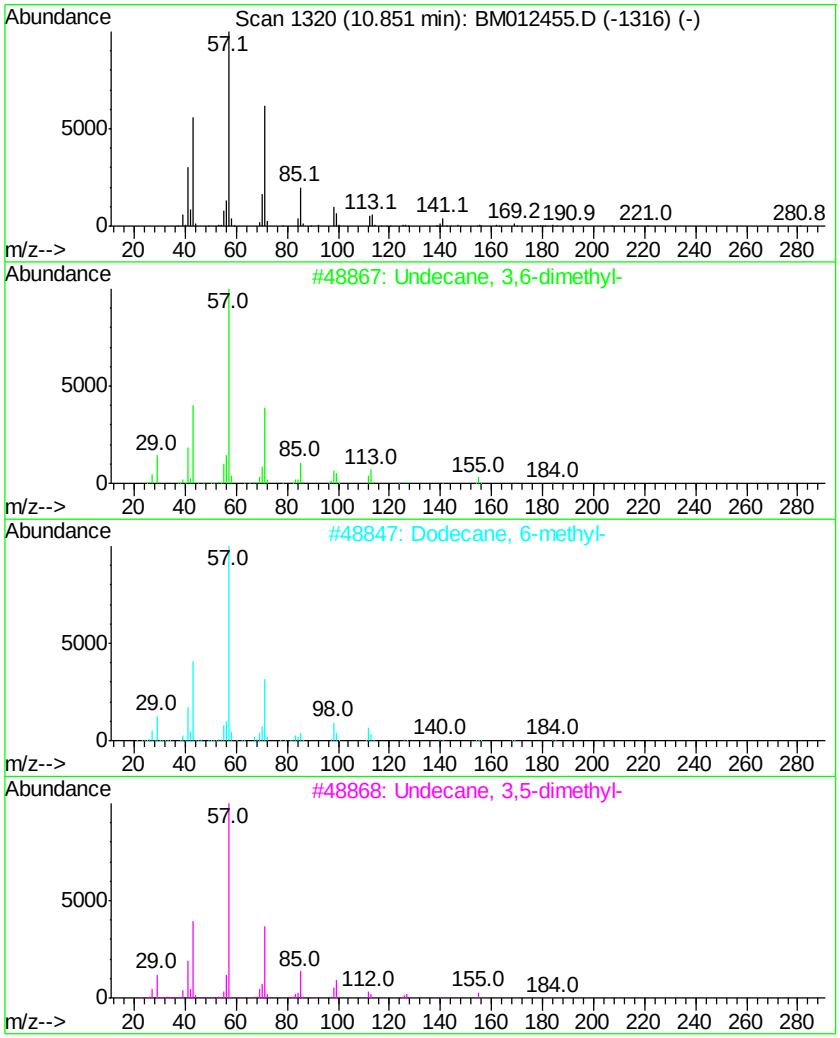
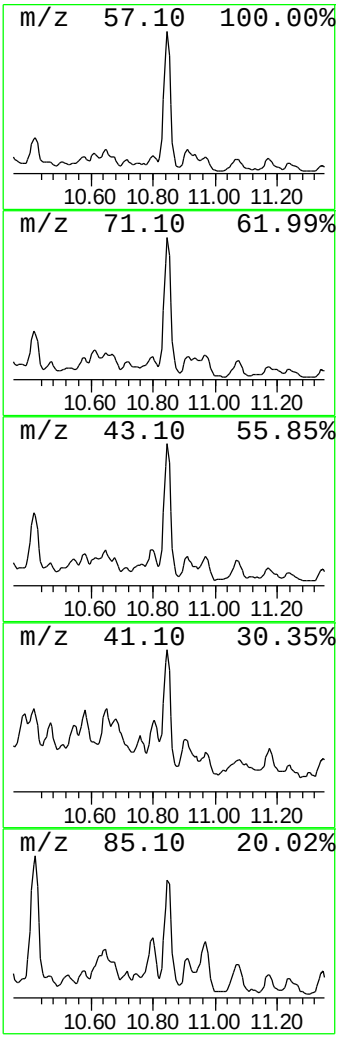
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	5.43 ng/ul	4055520	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





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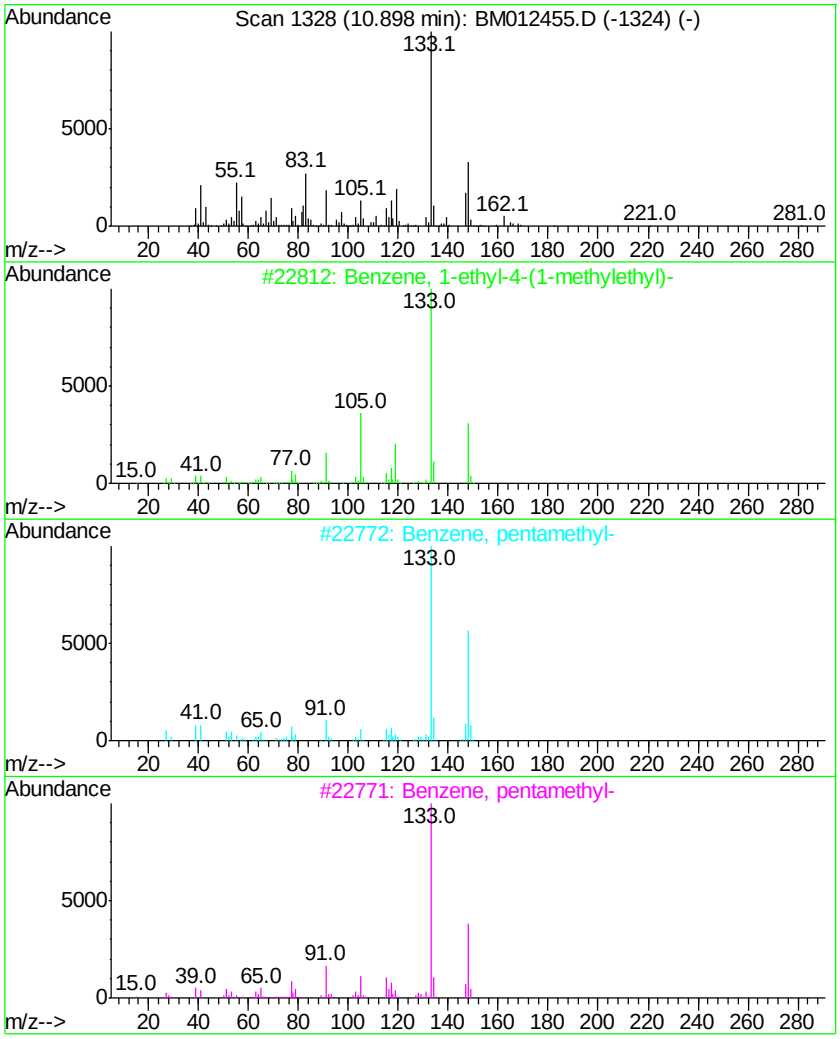
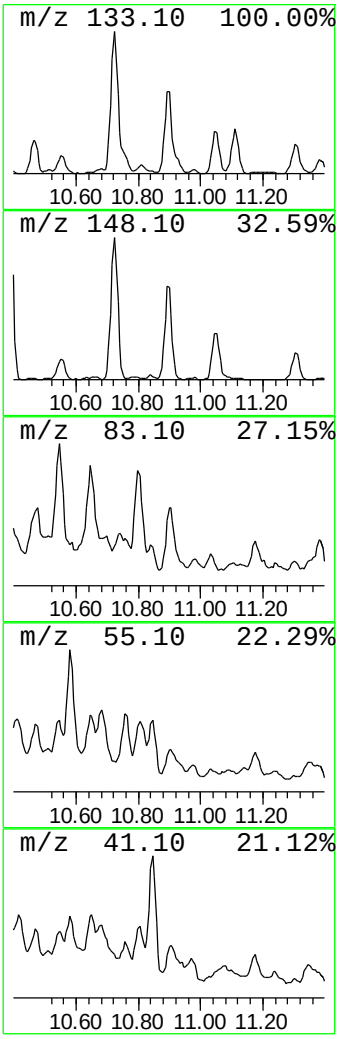
Peak Number 64 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.81 ng/ul	2845700	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	89
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	70
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	68





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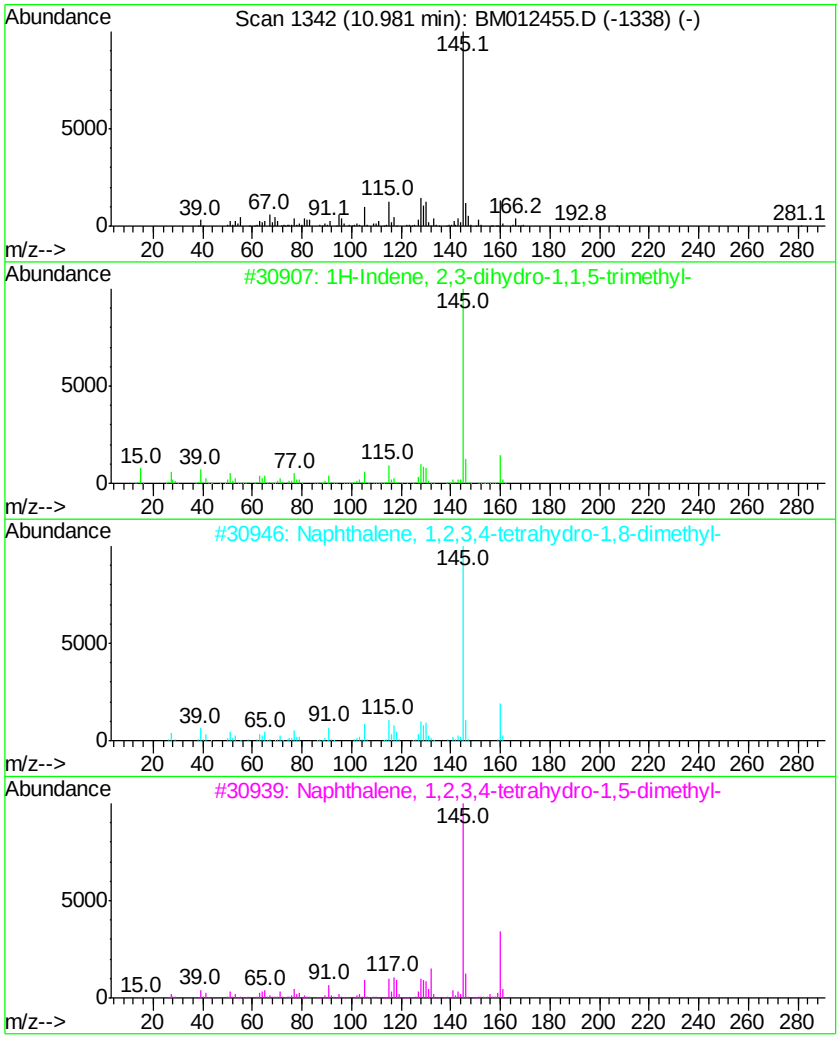
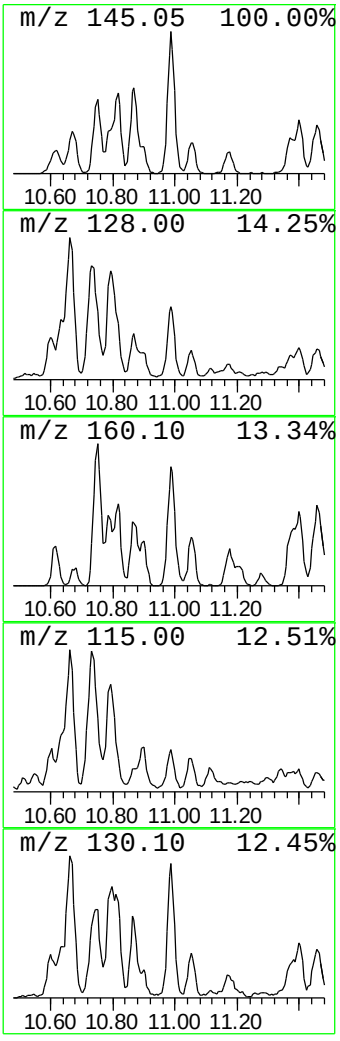
Peak Number 65 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	2.80 ng/ul	2094860	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	86





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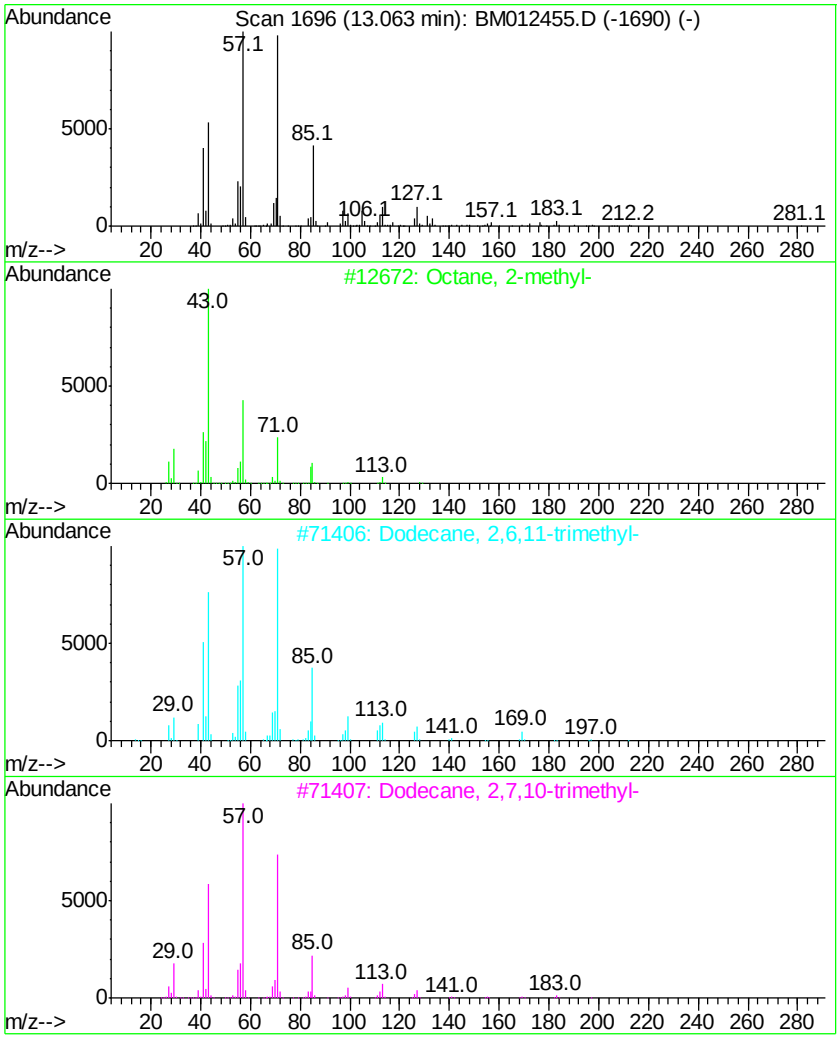
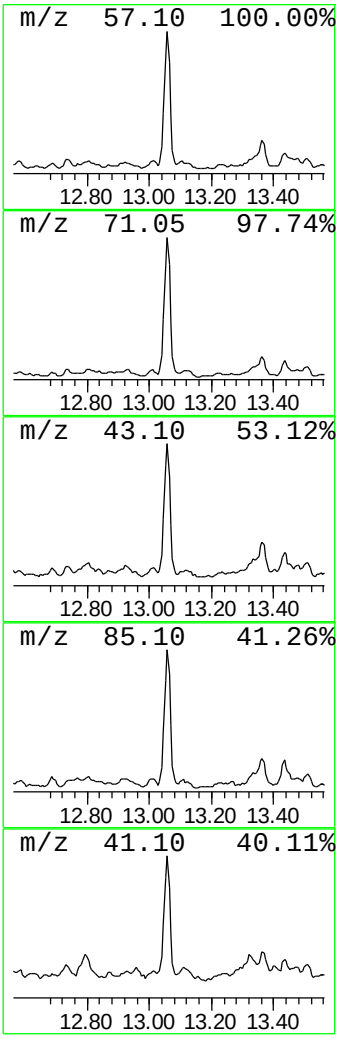
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	6.53 ng/ul	2446360	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	87
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





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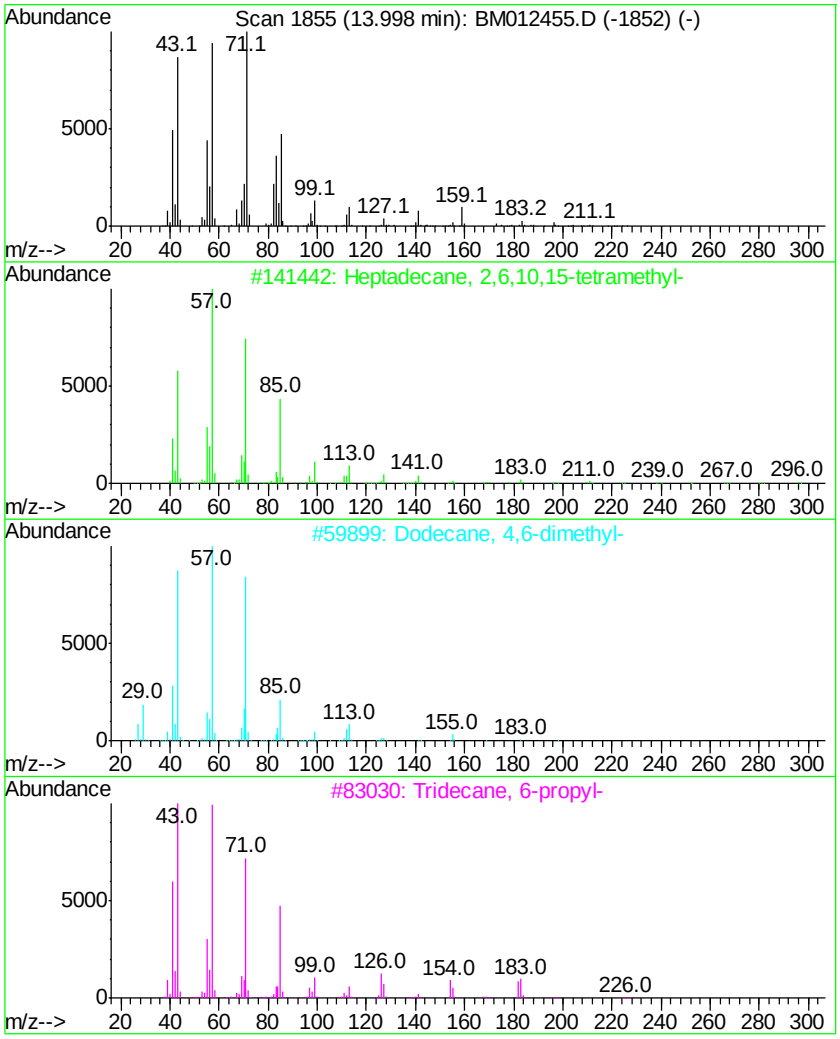
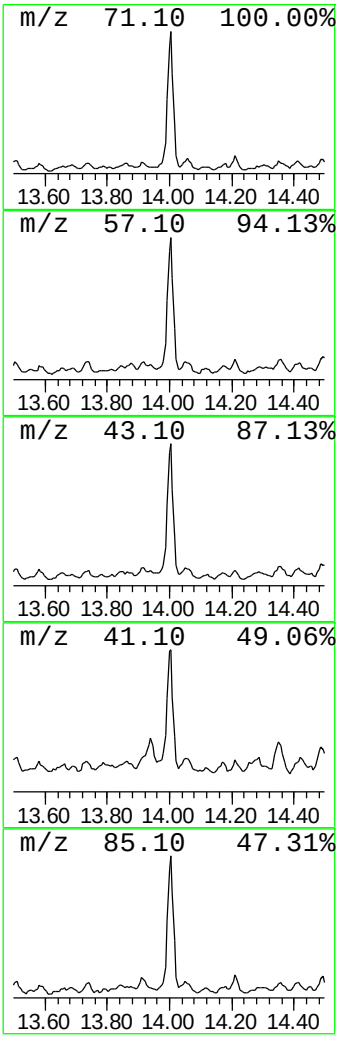
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	6.95 ng/ul	2603620	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	70
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	62
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
5	Decane, 5-propyl-	184	C13H28	017312-62-8	58





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
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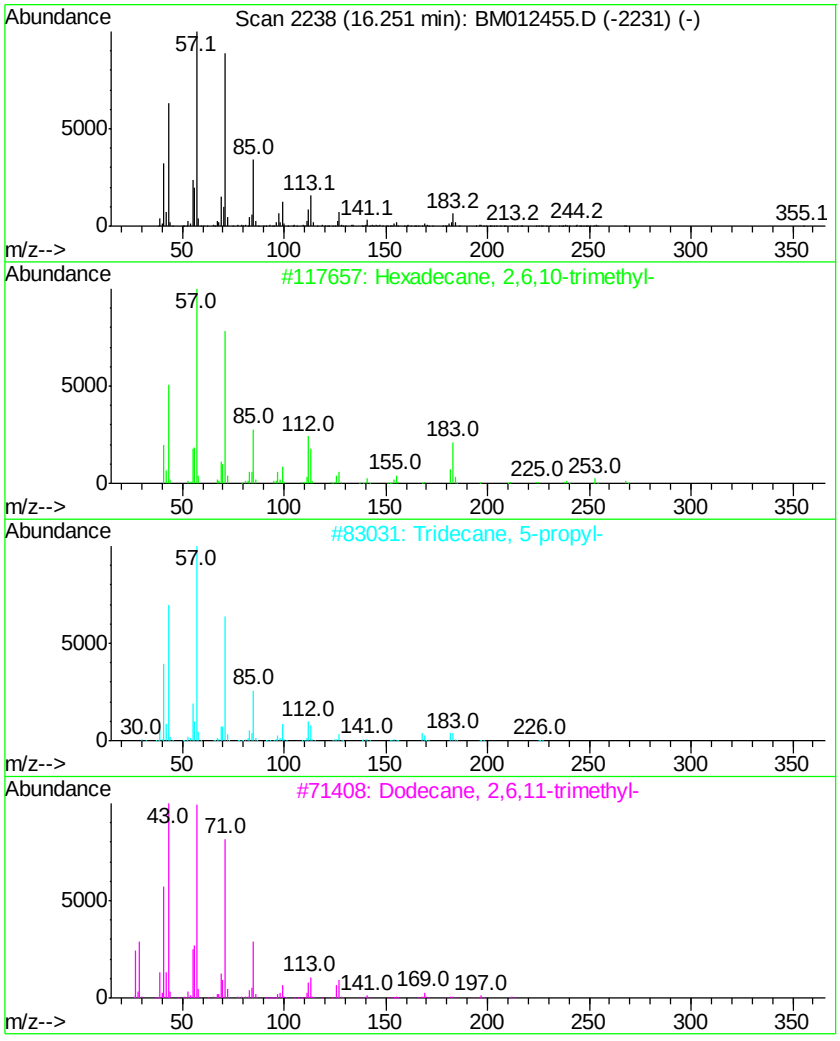
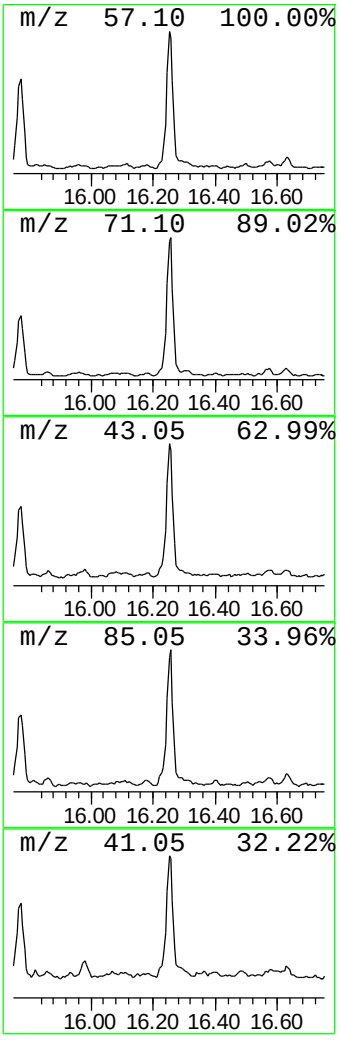
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	8.98 ng/ul	3261920	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102517\
Data File : BM012455.D
Acq On : 25 Oct 2017 21:47
Operator : SJ/JU
Sample : I5719-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-25(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	4.56	4.3	ng/ul	4210000	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	4.65	2.2	ng/ul	2108300	1	7.89	19363600	20.0
(DEL) Alkane: Str...	4.94	4.1	ng/ul	3975460	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	5.00	3.3	ng/ul	3232040	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	5.05	3.0	ng/ul	2878870	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	5.10	9.8	ng/ul	9469020	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	5.16	3.3	ng/ul	3224480	1	7.89	19363600	20.0
(DEL) Alkane: Str...	5.26	2.8	ng/ul	2704150	1	7.89	19363600	20.0
Hexane, 1-(hexylo...	5.30	2.1	ng/ul	2007130	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	5.34	10.1	ng/ul	9727020	1	7.89	19363600	20.0
Pentalene, octahy...	5.60	4.3	ng/ul	4203950	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	5.70	7.1	ng/ul	6833610	1	7.89	19363600	20.0
unknown-01	5.78	7.9	ng/ul	7673880	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	5.86	12.4	ng/ul	11994000	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	5.92	12.6	ng/ul	12215900	1	7.89	19363600	20.0
unknown-02	5.99	8.1	ng/ul	7871340	1	7.89	19363600	20.0
(DEL) Alkane: Str...	6.07	4.2	ng/ul	4037060	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	6.17	37.1	ng/ul	35883700	1	7.89	19363600	20.0
2-(1-Methylcycloh...	6.23	3.5	ng/ul	3365340	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	6.27	4.4	ng/ul	4264260	1	7.89	19363600	20.0
unknown-03	6.39	37.5	ng/ul	36323000	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	6.45	3.2	ng/ul	3062010	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	6.53	57.3	ng/ul	55427900	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	6.65	11.5	ng/ul	11132000	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	6.72	14.5	ng/ul	14032600	1	7.89	19363600	20.0
(DEL) Alkane: Str...	6.79	16.2	ng/ul	15716400	1	7.89	19363600	20.0
unknown-04	6.87	17.1	ng/ul	16515500	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	6.99	8.7	ng/ul	8394170	1	7.89	19363600	20.0
Cyclohexene, 1-bu...	7.28	17.2	ng/ul	16679200	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	7.32	11.6	ng/ul	11196100	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	7.55	5.6	ng/ul	5441950	1	7.89	19363600	20.0
1,1'-Bicyclooctyl	7.57	3.0	ng/ul	2894600	1	7.89	19363600	20.0
Sulfurous acid, c...	7.61	17.8	ng/ul	17256100	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	7.66	3.8	ng/ul	3649950	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	7.71	18.0	ng/ul	17444200	1	7.89	19363600	20.0
unknown-05	7.79	14.7	ng/ul	14180900	1	7.89	19363600	20.0
(DEL) Alkane: Str...	7.97	20.0	ng/ul	19363600	1	7.89	19363600	20.0
unknown-06	8.02	13.4	ng/ul	13005600	1	7.89	19363600	20.0
unknown-07	8.09	32.7	ng/ul	31702100	1	7.89	19363600	20.0
Cyclohexene, 1,2-...	8.12	9.2	ng/ul	8900360	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	8.18	54.5	ng/ul	52712700	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	8.25	19.9	ng/ul	19280800	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	8.30	2.4	ng/ul	2309870	1	7.89	19363600	20.0
unknown-08	8.34	12.3	ng/ul	11857900	1	7.89	19363600	20.0
Benzene, 1,2-diet...	8.39	12.4	ng/ul	12013700	1	7.89	19363600	20.0
(DEL) Alkane: Cyc...	8.45	16.0	ng/ul	15490300	1	7.89	19363600	20.0
Naphthalene, deca...	8.73	33.5	ng/ul	32465700	1	7.89	19363600	20.0
Trans-1-methyl-2-...	8.88	8.7	ng/ul	8411770	1	7.89	19363600	20.0
o-Cymene	9.09	25.9	ng/ul	25028600	1	7.89	19363600	20.0

(DEL) Alkane: Cyc...	9.16	8.8	ng/ul	8563570	1	7.89	19363600	20.0
unknown-09	9.35	28.3	ng/ul	21161800	2	10.68	14937700	20.0
unknown-10	9.47	18.0	ng/ul	13415100	2	10.68	14937700	20.0
Pulegone	9.62	24.5	ng/ul	18289700	2	10.68	14937700	20.0
(DEL) Alkane: Cyc...	9.82	16.6	ng/ul	12376800	2	10.68	14937700	20.0
Naphthalene, deca...	9.87	40.9	ng/ul	30551400	2	10.68	14937700	20.0
unknown-11	9.97	3.4	ng/ul	2502380	2	10.68	14937700	20.0
Benzene, 1,2,4,5-...	10.09	20.4	ng/ul	15253400	2	10.68	14937700	20.0
Benzene, 1-methyl...	10.39	9.6	ng/ul	7133620	2	10.68	14937700	20.0
unknown-12	10.47	2.7	ng/ul	2005880	2	10.68	14937700	20.0
(DEL) Alkane: Cyc...	10.58	4.2	ng/ul	3145070	2	10.68	14937700	20.0
(DEL) Alkane: Str...	10.85	5.4	ng/ul	4055520	2	10.68	14937700	20.0
Benzene, 1-ethyl-...	10.90	3.8	ng/ul	2845700	2	10.68	14937700	20.0
1H-Indene, 2,3-di...	10.98	2.8	ng/ul	2094860	2	10.68	14937700	20.0
(DEL) Alkane: Str...	13.06	6.5	ng/ul	2446360	3	14.51	7494720	20.0
(DEL) Alkane: Str...	14.00	7.0	ng/ul	2603620	3	14.51	7494720	20.0
(DEL) Alkane: Str...	16.25	9.0	ng/ul	3261920	4	17.25	7261560	20.0

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