LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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	5.410	389	395	401	rVB	4805786	6813581	6.88%	0.541%
2	5.540	411	417	418	rBV	4896069	6144151	6.21%	0.488%
3	5.557	418	420	435	rVB	5946471	9379403	9.48%	0.745%
4	5.910	474	480	489	rVB3	2047376	3976464	4.02%	0.316%
5	6.169	516	524	532	rBV4	2509453	6235417	6.30%	0.495%
6	6.381	554	560	568	rBV4	2909833	6662587	6.73%	0.529%
7	6.451	568	572	576	rBV	3441797	4713536	4.76%	0.374%
8	6.534	576	586	589	rBV3	4527291	10270114	10.38%	0.816%
9	6.787	622	629	635	rBV3	2200359	5530622	5.59%	0.439%
10	6.881	635	645	651	rBV3	4883333	11782395	11.90%	0.936%
11	7.040	666	672	681	rBV6	6664630	15900575	16.06%	1.263%
12	7.216	697	702	708	rVB4	3257496	6304813	6.37%	0.501%
13	7.275	708	712	716	rBV3	3151125	4708202	4.76%	0.374%
14	7.375	726	729	733	rBV	3207127	4351125	4.40%	0.346%
15	7.451	739	742	749	rVB2	3235604	5433133	5.49%	0.432%
16	7.534	749	756	761	rBV2	5648868	10649501	10.76%	0.846%
17	7.610	765	769	774	rVB3	2362381	4088808	4.13%	0.325%
18	7.722	780	788	795	rBV6	2081072	6715419	6.78%	0.534%
19	7.792	795	800	802	rBV3	2801484	4946211	5.00%	0.393%
20	7.875	808	814	820	rVB3	13357077	24067336	24.32%	1.912%
21	7.963	820	829	832	rBV4	3244022	6933372	7.00%	0.551%
22	8.022	832	839	844	rVV4	3187227	7032334	7.10%	0.559%
23	8.081	844	849	852	rBV2	4822966	6376660	6.44%	0.507%
24	8.128	852	857	859	rBV	8601899	13919607	14.06%	1.106%
25	8.163	859	863	873	rVB2	11159192	27203621	27.48%	2.161%
26	8.328	883	891	895	rBV6	1935392	4437089	4.48%	0.353%
27	8.381	895	900	903	rBV3	4014346	6574046	6.64%	0.522%
28	8.434	903	909	914	rBV3	8518679	15235707	15.39%	1.210%
29	8.528	920	925	928	rBV2	4885228	7955554	8.04%	0.632%
30	8.569	928	932	940	rVB3	7204761	14937709	15.09%	1.187%
31	8.651	940	946	949	rBV6	2432875	4406606	4.45%	0.350%
32	8.722	954	958	962	rBV	3438240	4625709	4.67%	0.368%
33	8.769	962	966	970	rBV	3370183	4963479	5.01%	0.394%
34	8.992	995	1004	1009	rBV2	11750869	22562637	22.80%	1.793%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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	9.086	1014	1020	1022	rVV4	4138028	7792803	7.87%	0.619%
36	9.116	1023	1025	1029	rVB	3954305	4695322	4.74%	0.373%
37	9.469	1079	1085	1088	rBV2	2902227	5087669	5.14%	0.404%
38	9.510	1088	1092	1098	rVV2	3881701	8307971	8.39%	0.660%
39	9.569	1098	1102	1105	rVV2	2992525	5554289	5.61%	0.441%
40	9.604	1106	1108	1113	rVV3	2719116	3911198	3.95%	0.311%
41	9.763	1128	1135	1139	rBV3	3684991	7061718	7.13%	0.561%
42	9.810	1139	1143	1147	rVV2	3268718	4977264	5.03%	0.395%
43	9.869	1147	1153	1161	rVV5	5010423	13112687	13.25%	1.042%
44	10.086	1184	1190	1196	rVV3	6365423	12731203	12.86%	1.012%
45	10.298	1223	1226	1234	rVB3	3192982	5928199	5.99%	0.471%
46	10.669	1280	1289	1294	rBV3	4368857	11366606	11.48%	0.903%
47	10.722	1294	1298	1306	rVV4	2445494	5243362	5.30%	0.417%
48	10.810	1306	1313	1317	rVV	10515909	19423583	19.62%	1.543%
49	11.710	1460	1466	1474	rBV2	3101502	5944557	6.01%	0.472%
50	12.333	1564	1572	1579	rVB2	5686201	10497761	10.61%	0.834%
51	12.551	1604	1609	1614	rBV	2952849	4582588	4.63%	0.364%
52	13.057	1691	1695	1700	rVB	3927506	5523353	5.58%	0.439%
53	13.674	1794	1800	1801	rBV	4106547	5779992	5.84%	0.459%
54	13.833	1822	1827	1832	rBV	5845795	10307171	10.41%	0.819%
55	13.886	1832	1836	1839	rBV	3645856	5179210	5.23%	0.411%
56	13.921	1839	1842	1848	rVB2	2766788	5225780	5.28%	0.415%
57	14.004	1853	1856	1860	rVB2	5396941	6712243	6.78%	0.533%
58	14.068	1860	1867	1871	rBV3	2801074	5170896	5.22%	0.411%
59	14.204	1886	1890	1894	rBV	4393875	6674238	6.74%	0.530%
60	14.351	1911	1915	1921	rVB2	2835720	4397261	4.44%	0.349%
61	14.510	1934	1942	1948	rBV3	5727102	12444087	12.57%	0.989%
62	14.715	1972	1977	1988	rVB2	3328970	9385601	9.48%	0.746%
63	14.910	2006	2010	2016	rVB2	4629623	8286434	8.37%	0.658%
64	14.986	2018	2023	2028	rVB	4444735	6644231	6.71%	0.528%
65	15.045	2028	2033	2040	rVB4	2689515	4360109	4.41%	0.346%
66	15.133	2043	2048	2052	rVV	3225313	5451437	5.51%	0.433%
67	15.180	2052	2056	2061	rVB	3635180	5170880	5.22%	0.411%
68	15.304	2070	2077	2080	rBV5	2452853	4728475	4.78%	0.376%
69	15.504	2107	2111	2115	rVB	5642632	7381831	7.46%	0.586%
70	15.774	2152	2157	2164	rVB2	6472144	9531783	9.63%	0.757%
71	15.868	2169	2173	2179	rVB3	4034568	6815588	6.89%	0.542%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

72	16.257	2231	2239	2244	rBV2	10961497	19742105	19.95%	1.569%
73	16.615	2296	2300	2305	rBV4	2559388	4682146	4.73%	0.372%
74	17.074	2374	2378	2389	rVB	7725487	13170192	13.31%	1.046%
75	17.256	2404	2409	2412	rBV2	6200401	9074981	9.17%	0.721%
76	17.298	2412	2416	2420	rVV	4487806	6123346	6.19%	0.487%
77	17.351	2421	2425	2429	rVB2	6200379	8133842	8.22%	0.646%
78	18.174	2563	2565	2574	rVB	3490565	4535374	4.58%	0.360%
79	18.874	2680	2684	2688	rVB	18173664	22085481	22.31%	1.755%
80	19.303	2753	2757	2761	rBV	5126361	6494470	6.56%	0.516%
81	19.368	2763	2768	2772	rVB	17741388	21070448	21.29%	1.674%
82	19.639	2810	2814	2817	rBV	6457423	10011940	10.12%	0.795%
83	20.221	2909	2913	2917	rVV	5765663	6325437	6.39%	0.503%
84	21.421	3112	3117	3121	rBV2	5374080	9001260	9.09%	0.715%
85	21.815	3181	3184	3192	rVB	3795565	4606688	4.65%	0.366%
86	21.944	3201	3206	3209	rBV	30304458	38352163	38.75%	3.047%
87	22.039	3218	3222	3226	rVB2	7578224	9490820	9.59%	0.754%
88	22.109	3227	3234	3241	rBV3	59386024	97660518	98.67%	7.759%
89	22.191	3244	3248	3250	rBV	4923412	6498931	6.57%	0.516%
90	22.262	3255	3260	3263	rVV3	46038512	78776711	79.59%	6.259%
91	22.297	3263	3266	3273	rVB	46403126	60569391	61.19%	4.812%
92	22.427	3282	3288	3291	rBV3	18373657	34088513	34.44%	2.708%
93	22.468	3291	3295	3306	rVB3	44423207	98980413	100.00%	7.864%
94	22.650	3318	3326	3328	rBV2	17957560	39519675	39.93%	3.140%
95	22.674	3328	3330	3337	rVB2	22717965	29586330	29.89%	2.351%
96	22.733	3337	3340	3345	rVB2	3301565	4782394	4.83%	0.380%
97	22.791	3346	3350	3353	rBV2	2286924	3888811	3.93%	0.309%
98	22.862	3358	3362	3374	rVB3	8925753	24841466	25.10%	1.974%
99	23.597	3483	3487	3490	rBV2	2630833	4299888	4.34%	0.342%
100	23.738	3508	3511	3517	rVB2	3060514	5020647	5.07%	0.399%

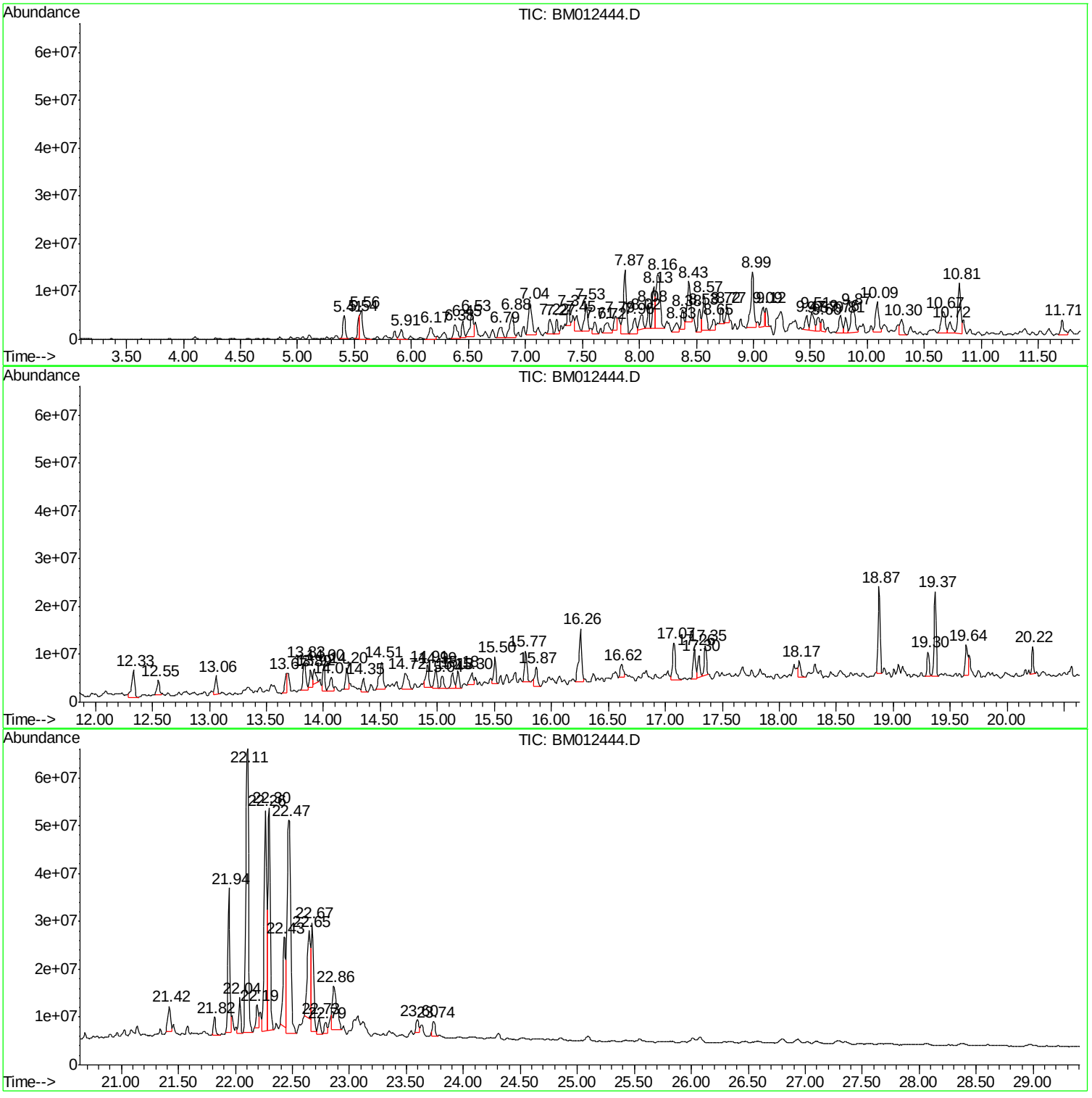
Sum of corrected areas: 1258641284

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(0-1)-100617

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 : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

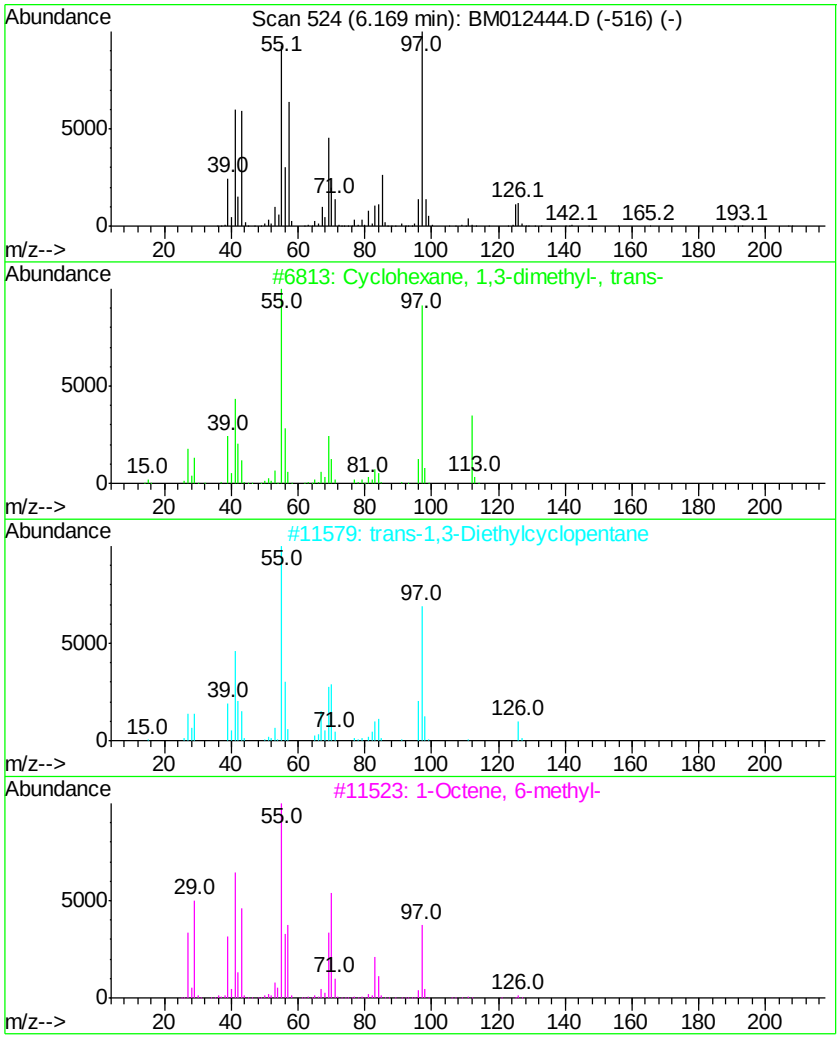
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

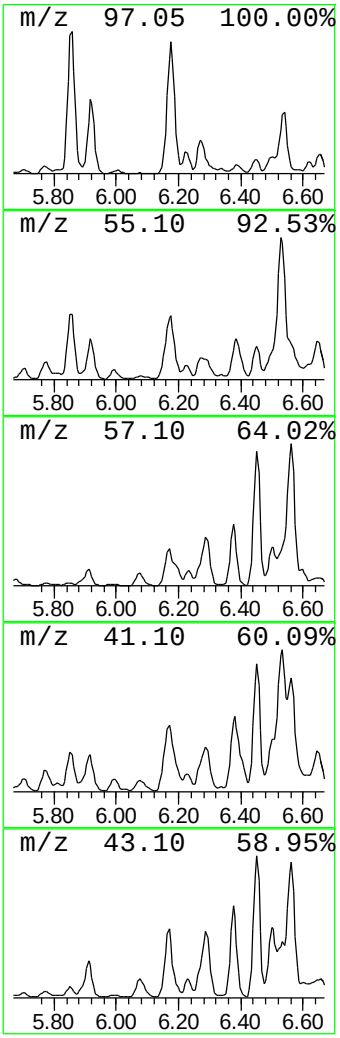
****

Peak Number 5 (DEL) Alkane: Cyclic6.17 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	5.18 ng/ul	6235420	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
2	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	64
3	1-Octene, 6-methyl-	126	C9H18	013151-10-5	62
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	52
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	52





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

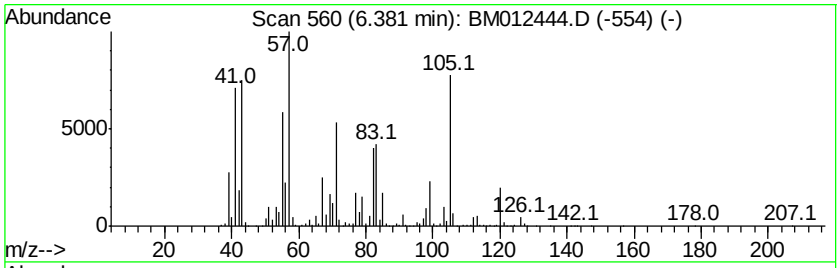
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

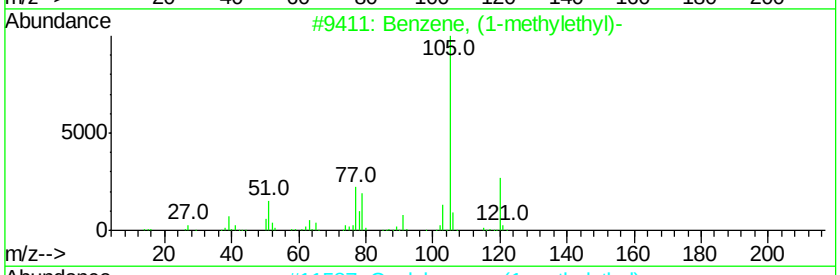
****

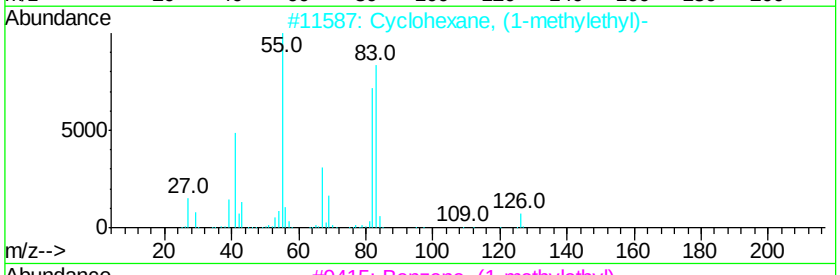
Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 56

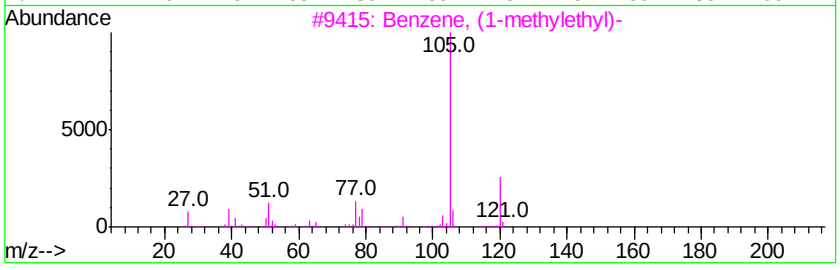
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	5.54 ng/ul	6662590	1,4-Dichlorobenzene-d4	7.88

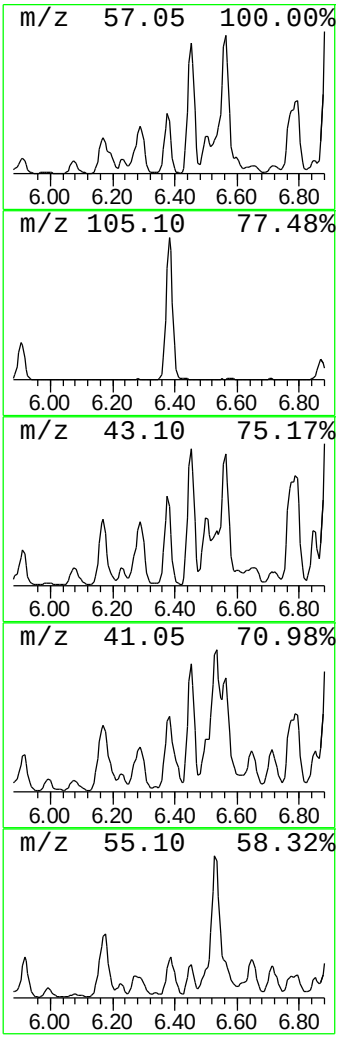
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	53
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	25
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	25
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	25











Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

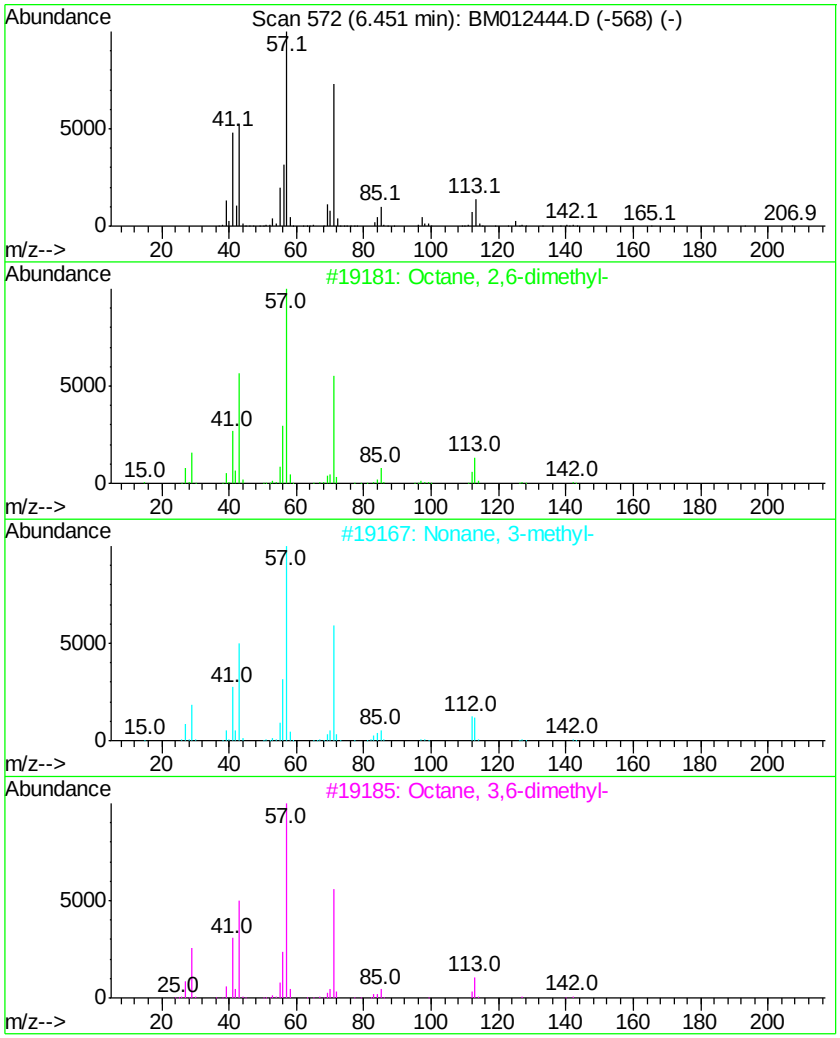
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

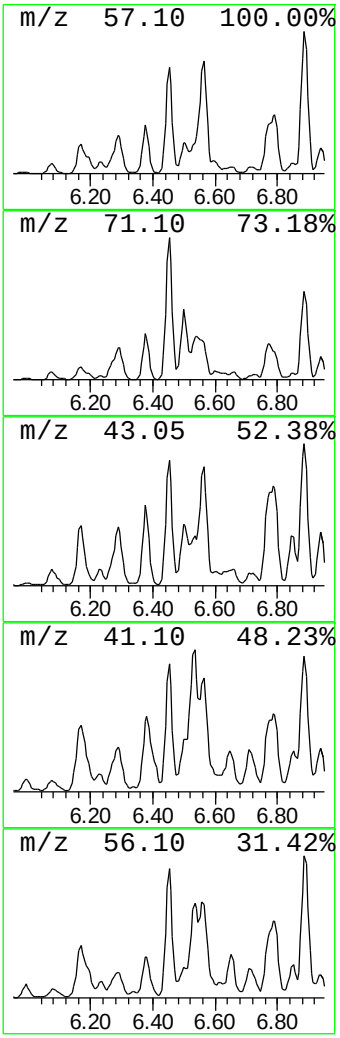
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	3.92 ng/ul	4713540	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

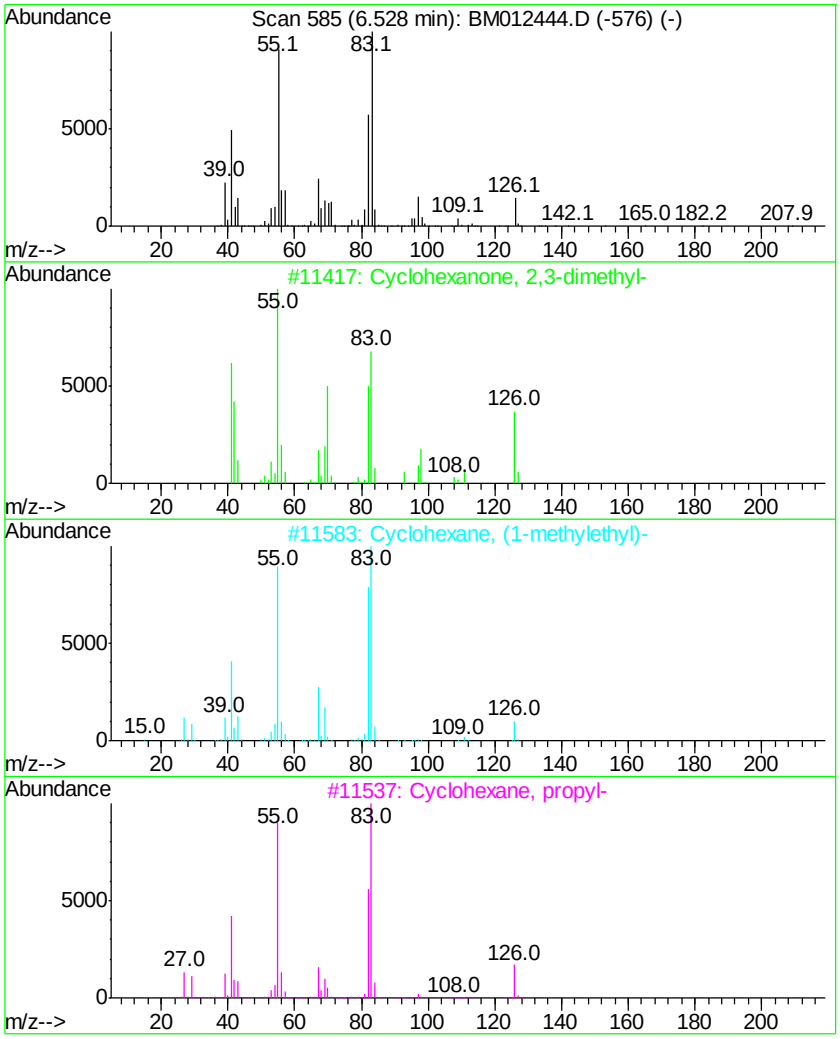
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

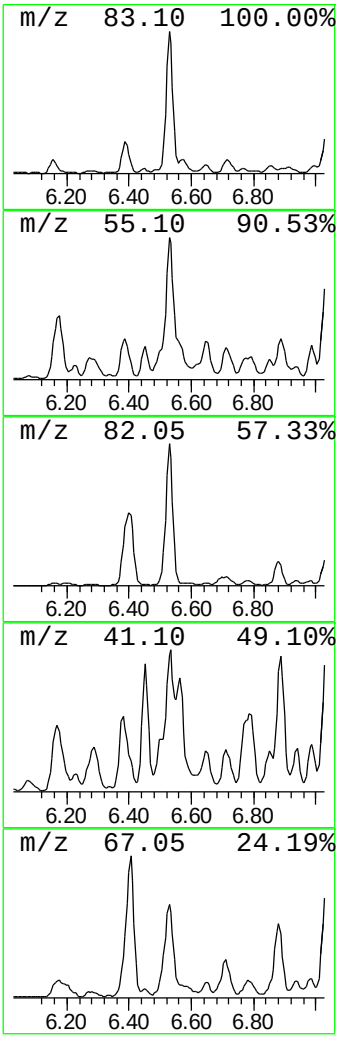
****

Peak Number 8 Cyclohexanone, 2,3-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	8.53 ng/ul	10270100	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	80
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

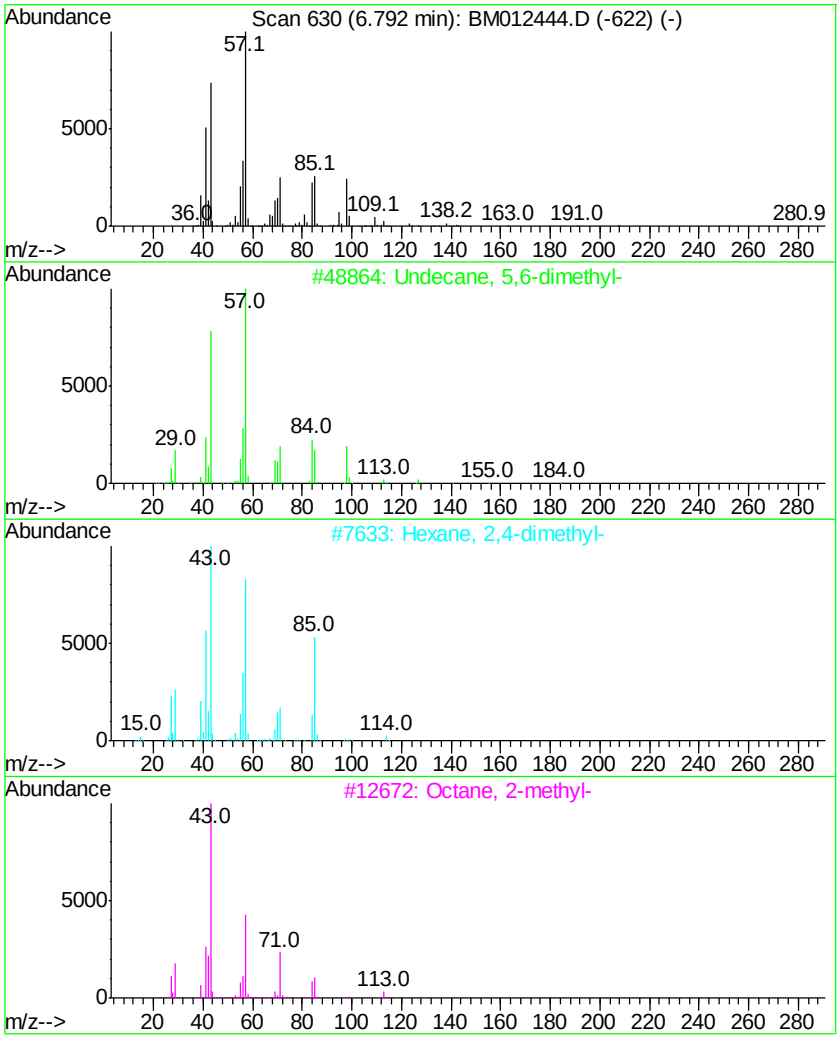
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

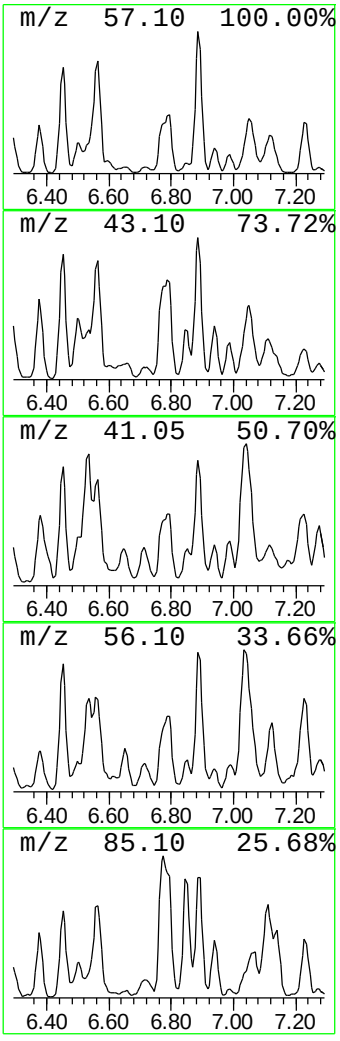
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	4.60 ng/ul	5530620	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
3	Octane, 2-methyl-	128	C9H20	003221-61-2	43
4	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	38
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

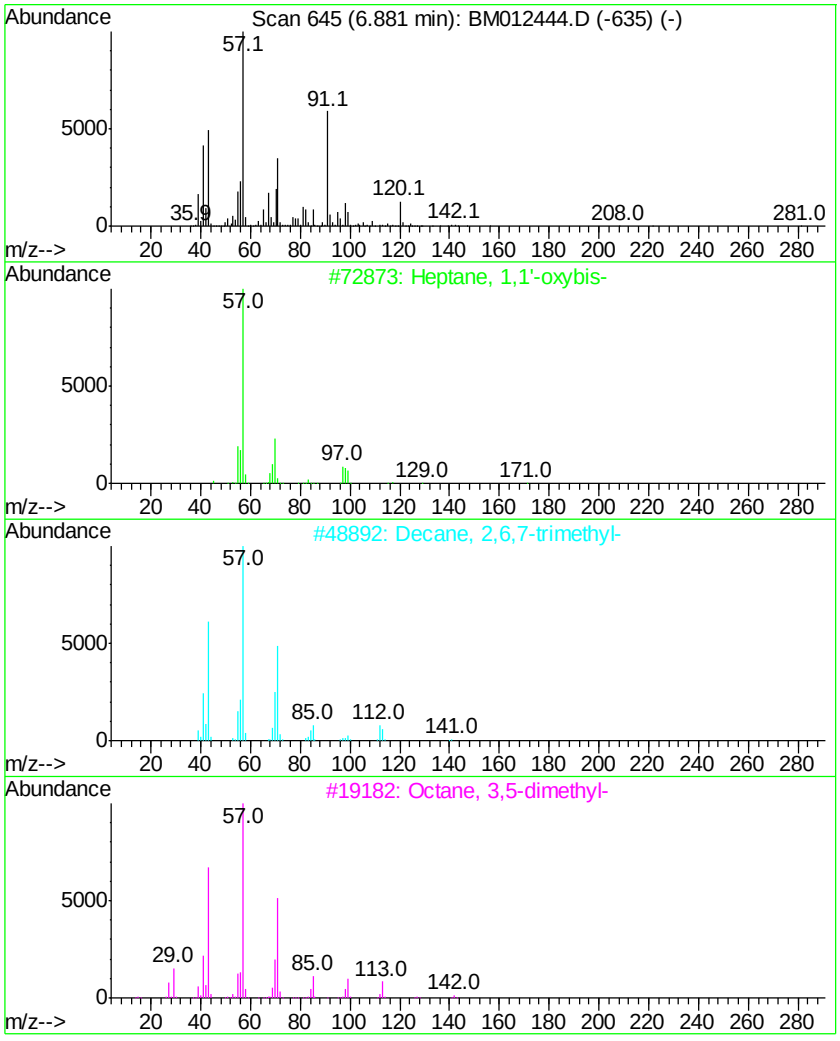
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

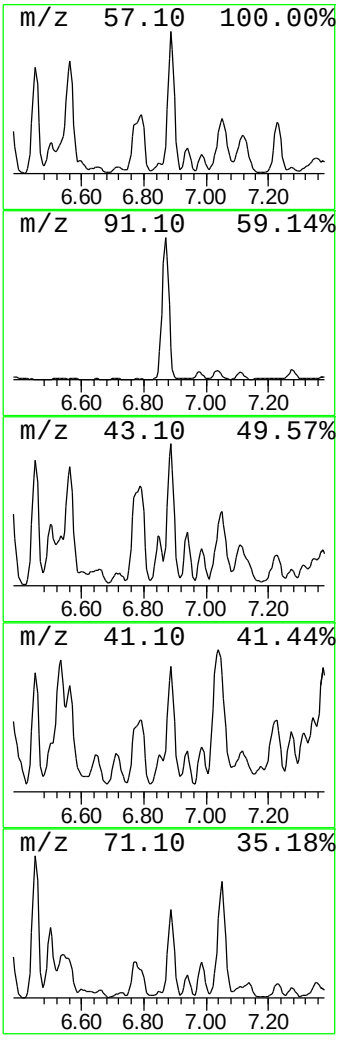
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	9.79 ng/ul	11782400	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

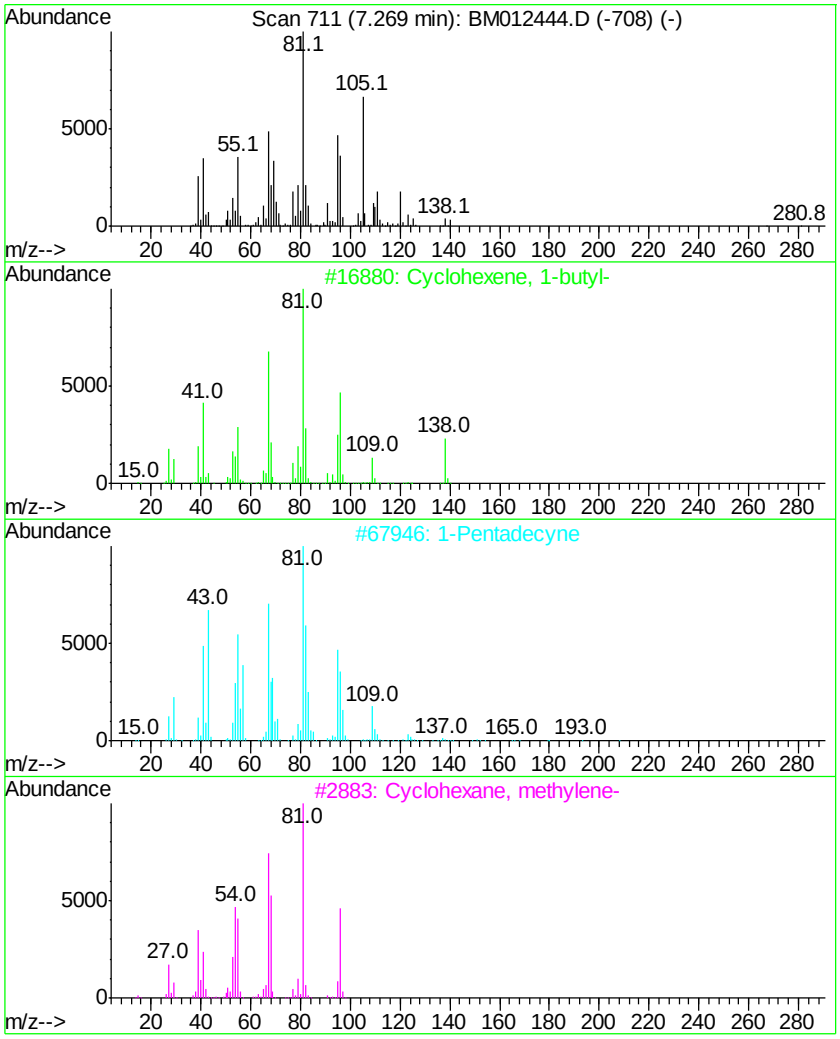
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

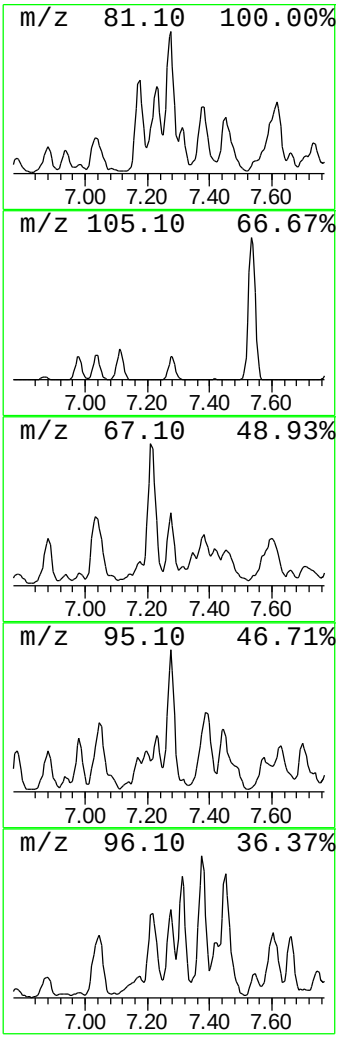
****

Peak Number 11 Cyclohexene, 1-butyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	3.91 ng/ul	4708200	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	70
2	1-Pentadecyne	208	C15H28	000765-13-9	58
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	46
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

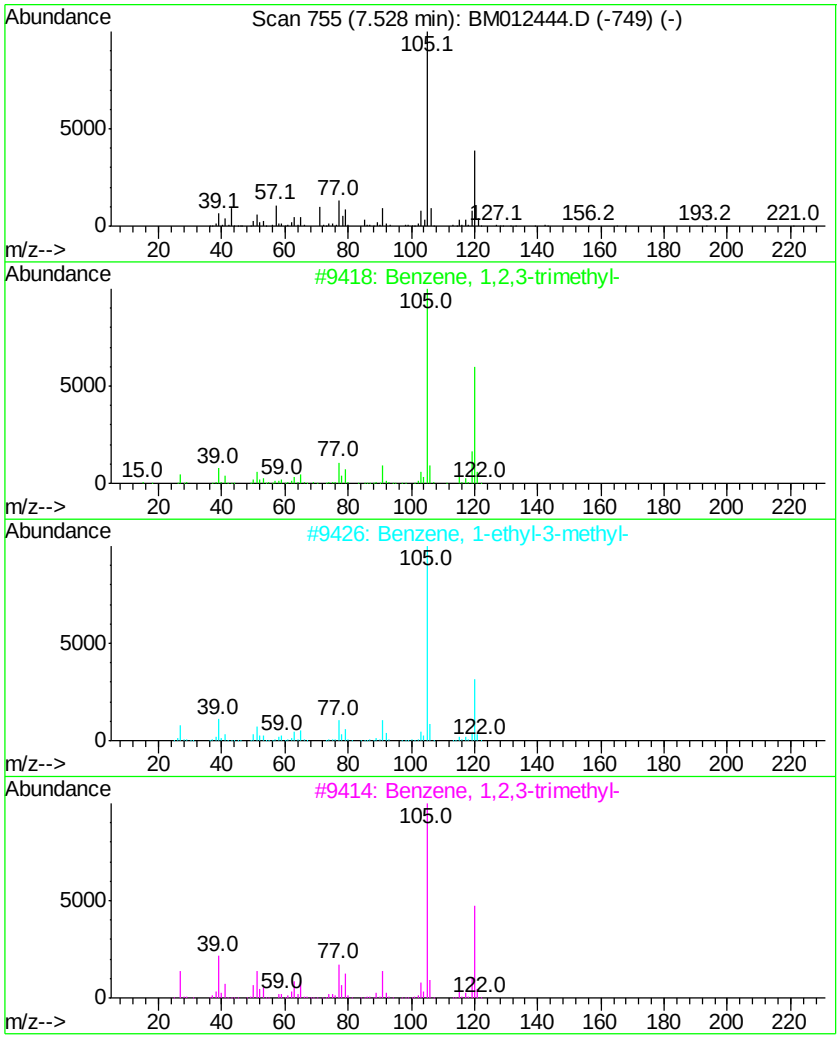
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

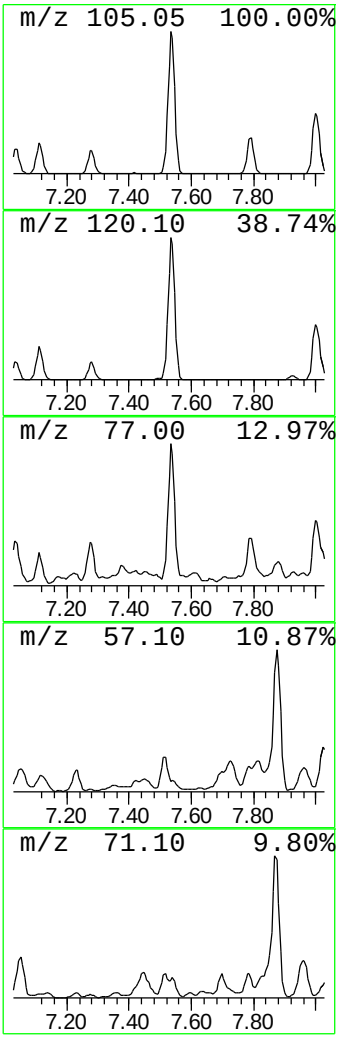
****

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	8.85 ng/ul	10649500	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

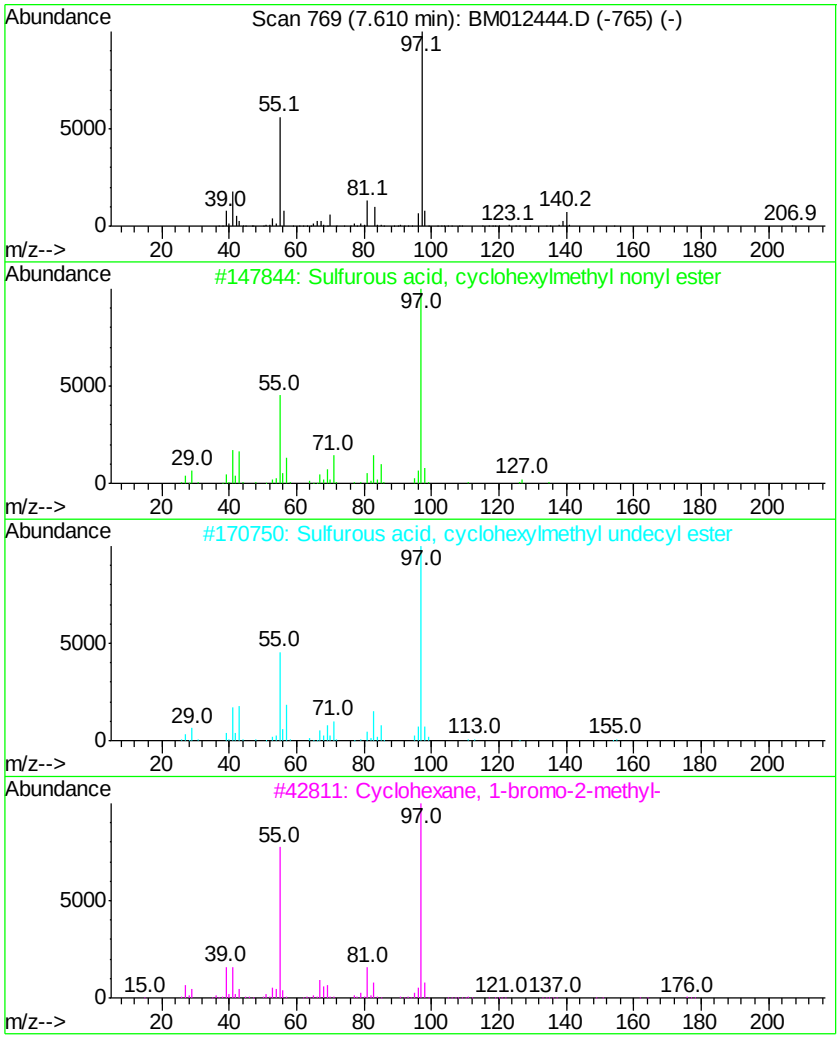
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

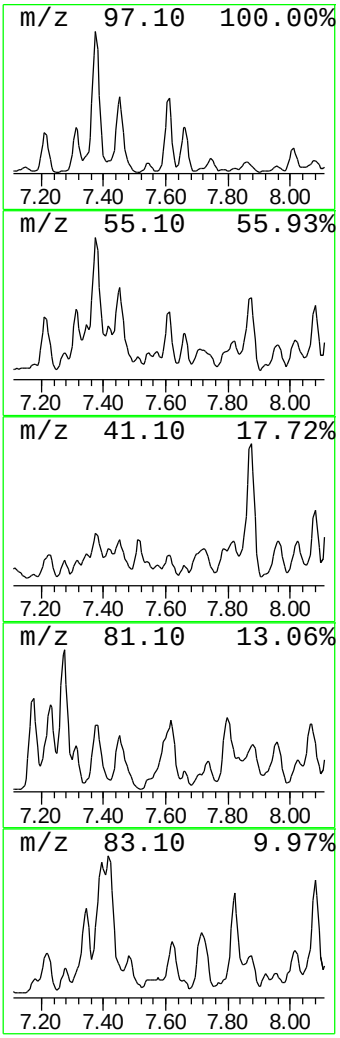
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Sulfurous acid, cyclohexylm... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.40 ng/ul	4088810	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	72
2	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
3	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	56
4	Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	50
5	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

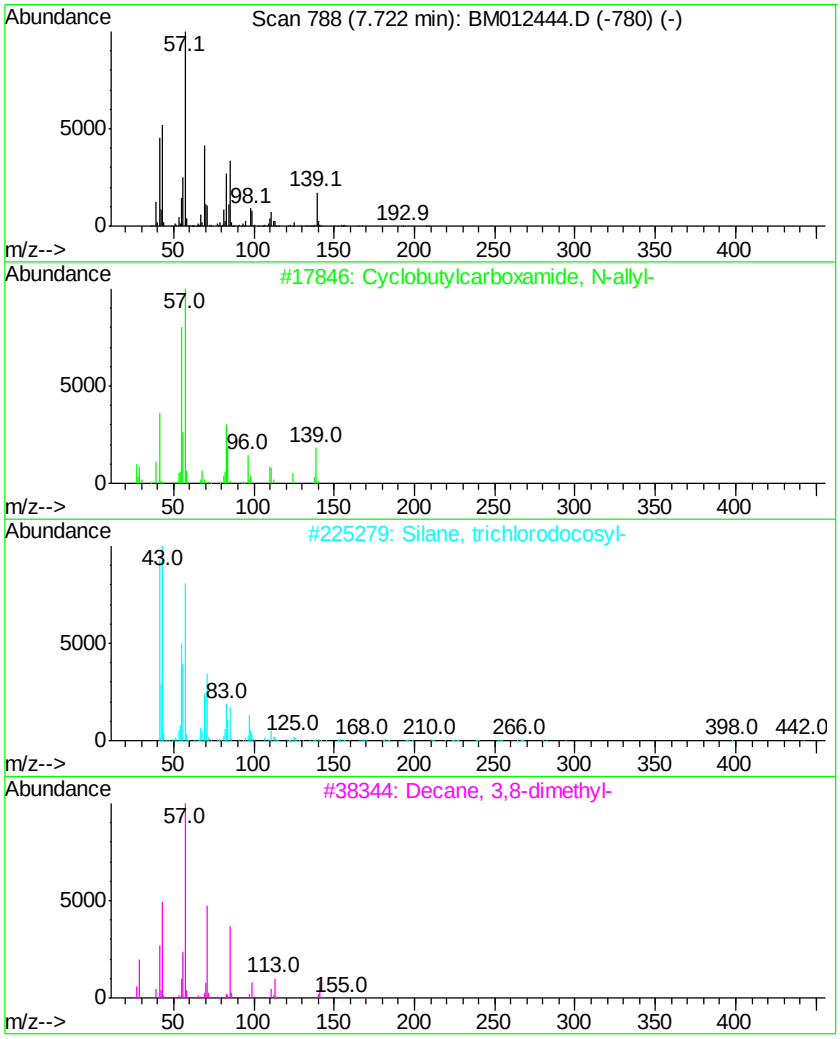
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

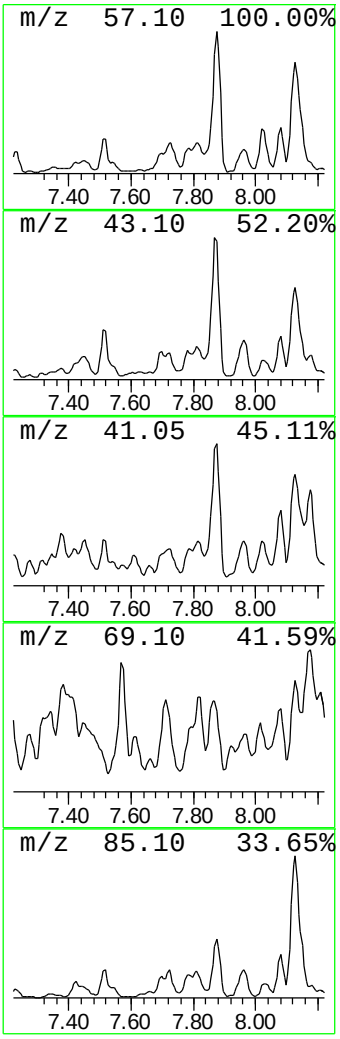
****

Peak Number 14 Cyclobutylcarboxamide, N-al... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	5.58 ng/ul	6715420	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutylcarboxamide, N-allyl-	139	C8H13NO	1000340-36-9	50
2	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	47
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
4	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	47
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

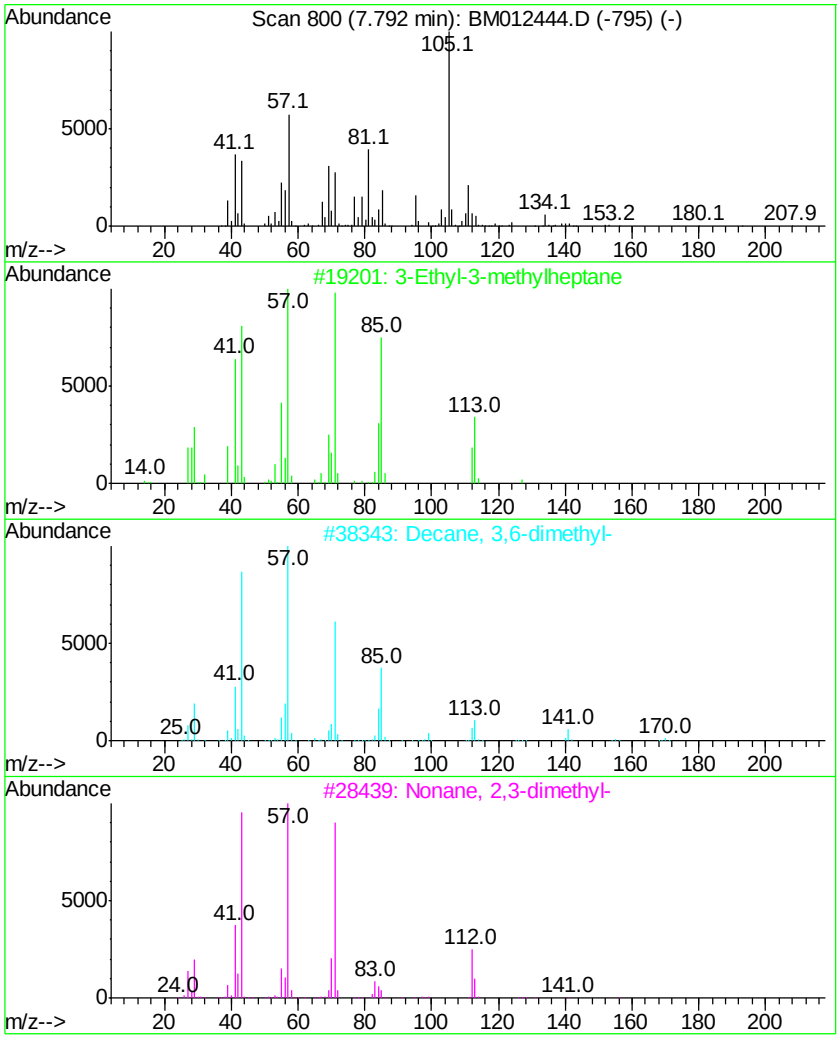
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

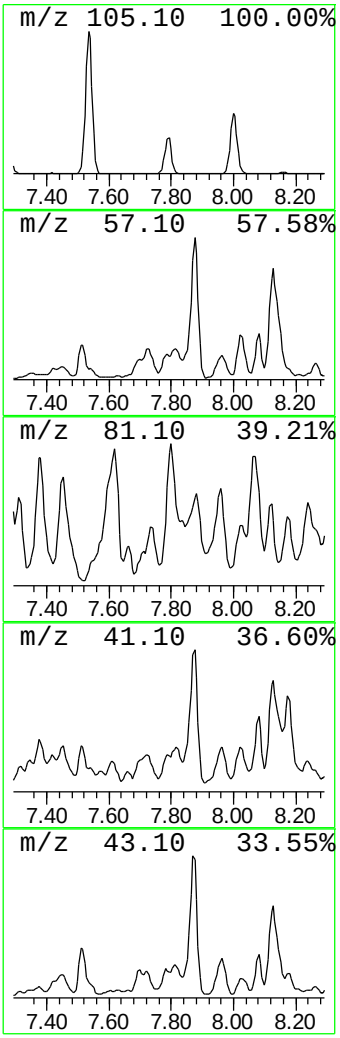
****

Peak Number 15 unknown-01 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	4.11 ng/ul	4946210	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	22
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	22
3	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	11
4	2-Phenyl-oxetane	134	C9H10O	1000145-26-5	11
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	10





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

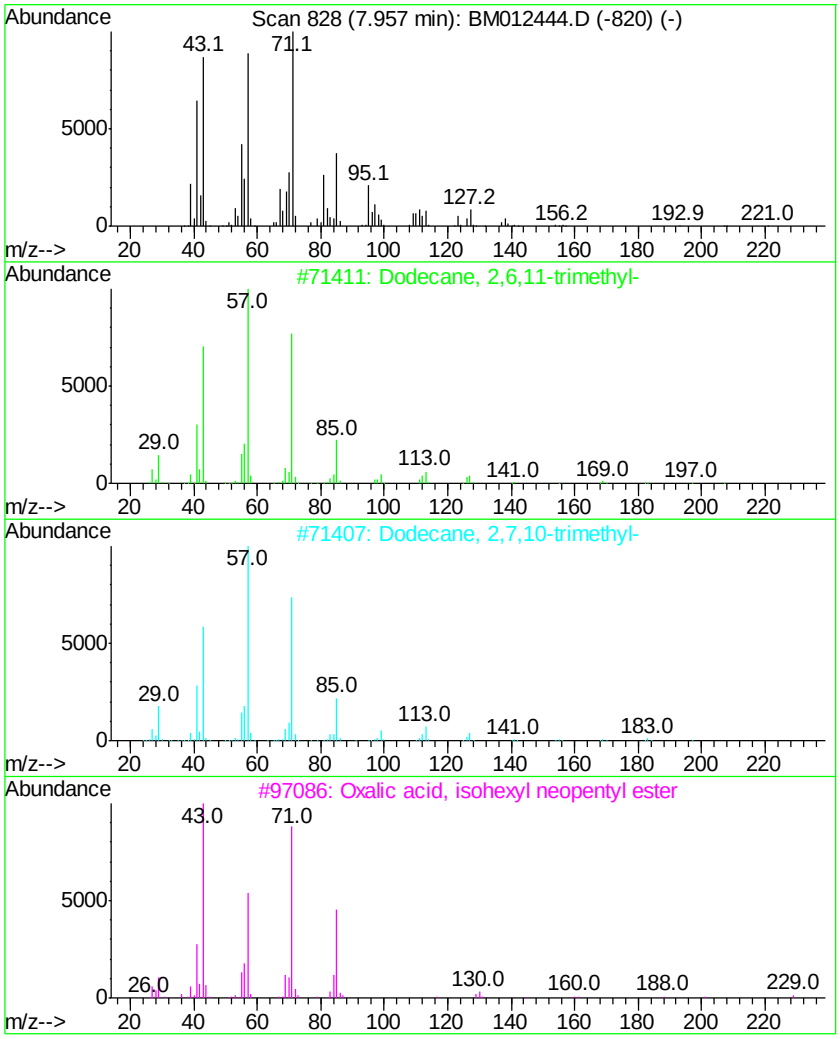
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

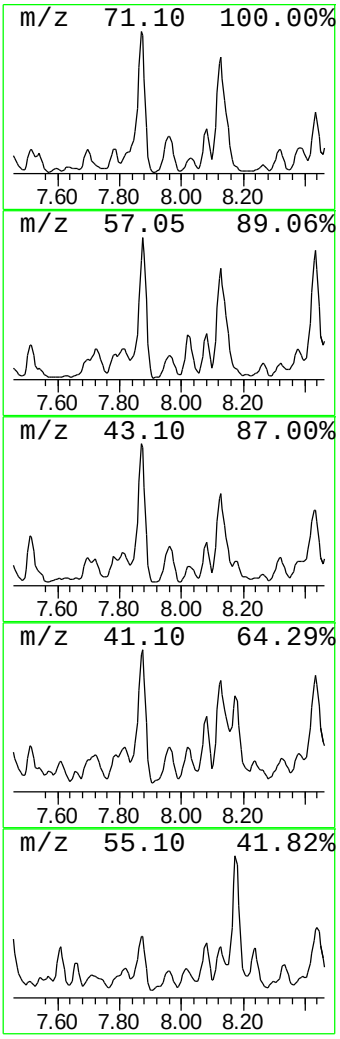
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	5.76 ng/ul	6933370	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
3	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	50
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	50
5	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

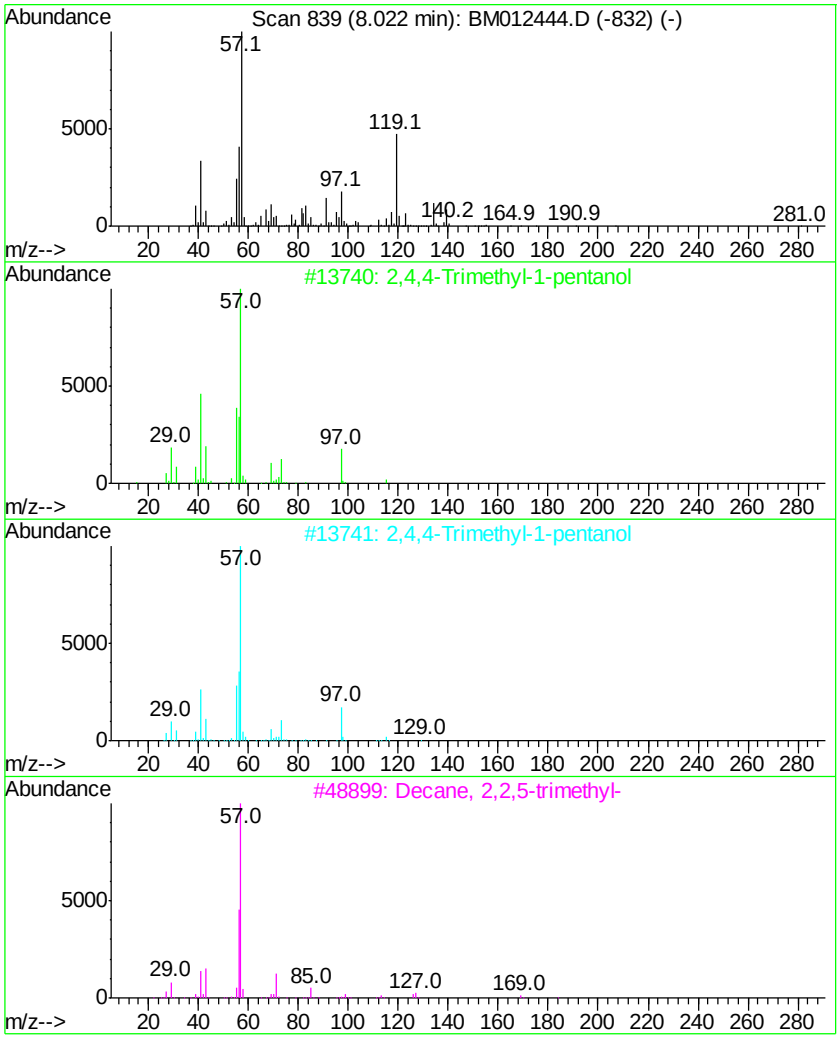
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

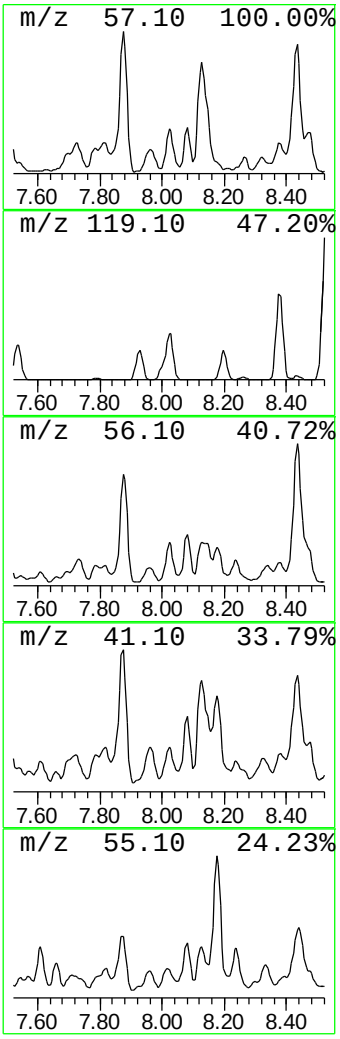
****

Peak Number 17 unknown-02 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	5.84 ng/ul	7032330	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	35
2	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	35
3	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	27
4	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	25
5	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

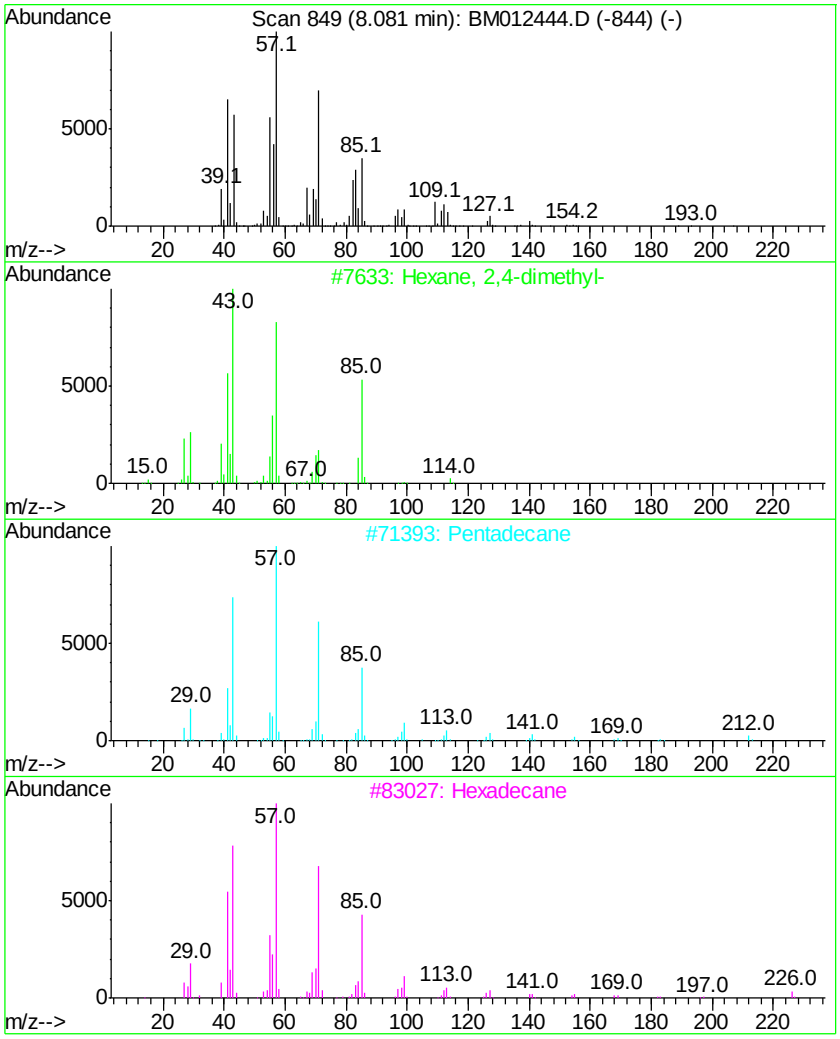
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

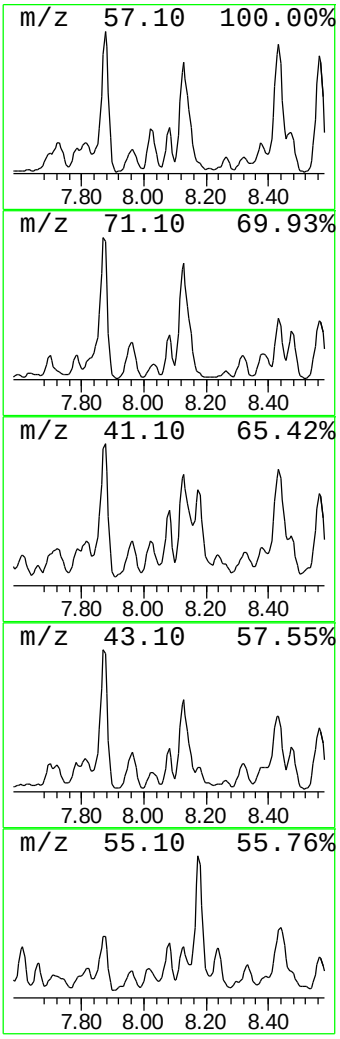
****

Peak Number 18 unknown-03 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	5.30 ng/ul	6376660	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
2	Pentadecane	212	C15H32	000629-62-9	38
3	Hexadecane	226	C16H34	000544-76-3	38
4	Decane, 2-methyl-	156	C11H24	006975-98-0	38
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

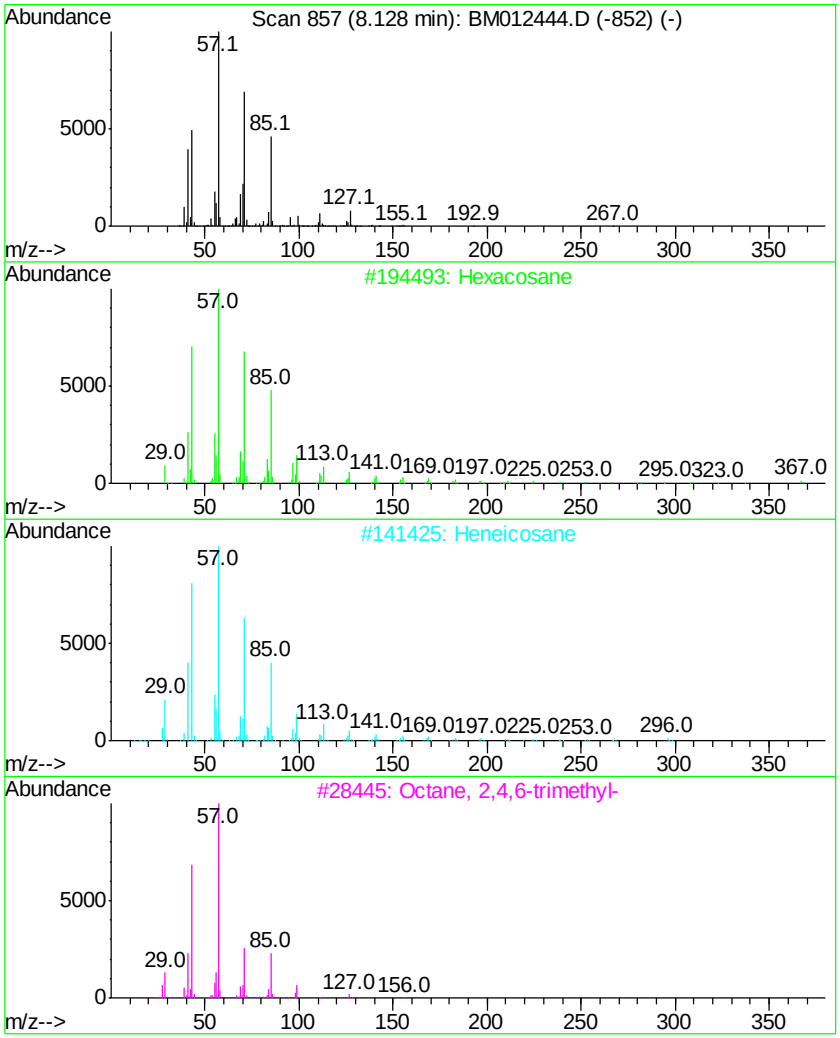
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

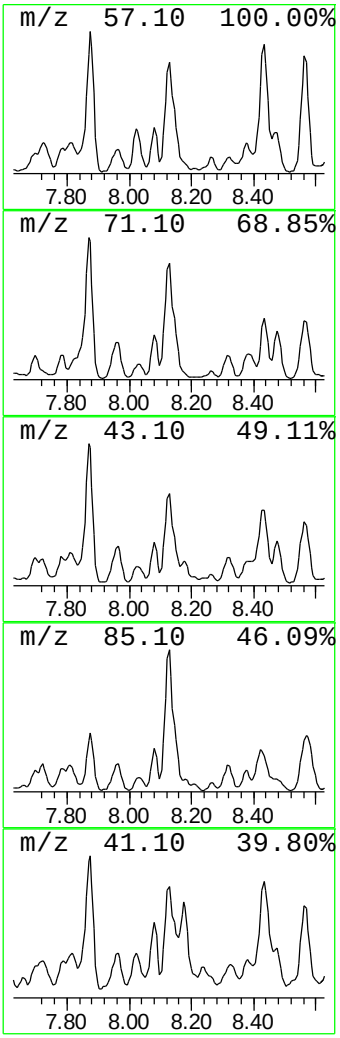
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	11.57 ng/ul	13919600	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	72
2	Heneicosane	296	C21H44	000629-94-7	64
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Heptadecane	240	C17H36	000629-78-7	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

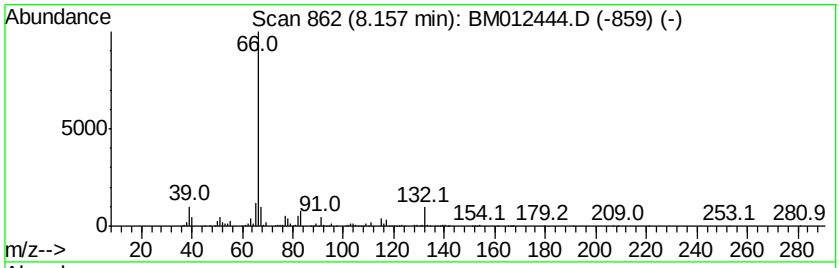
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

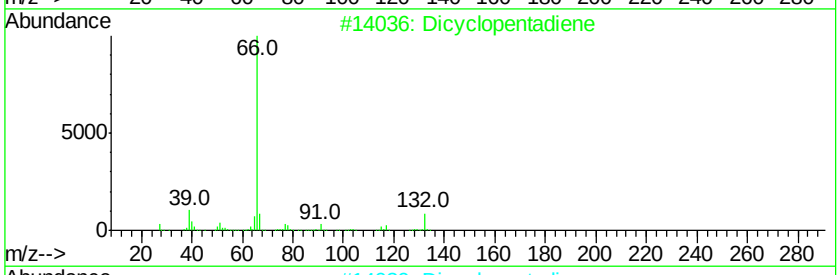
****

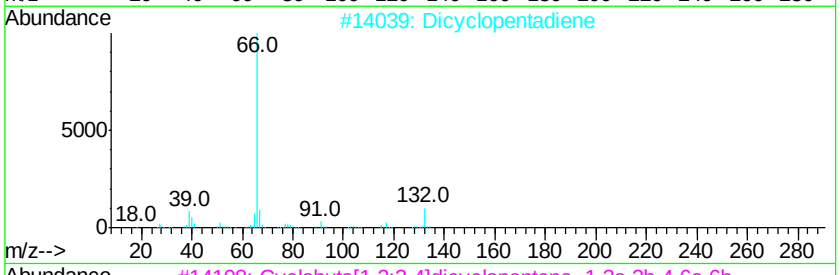
Peak Number 20 Dicyclopentadiene Concentration Rank 14

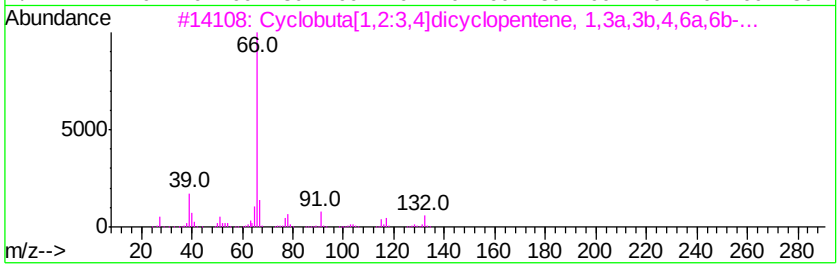
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	22.61 ng/ul	27203600	1,4-Dichlorobenzene-d4	7.88

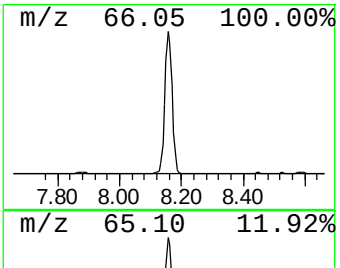
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopentadiene	132	C10H12	000077-73-6	90
2	Dicyclopentadiene	132	C10H12	000077-73-6	87
3	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	87
4	Dicyclopentadiene	132	C10H12	000077-73-6	86
5	Dicyclopentadiene	132	C10H12	000077-73-6	83

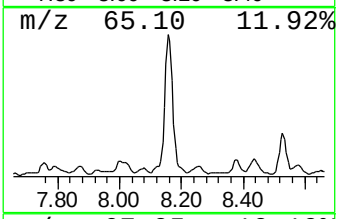


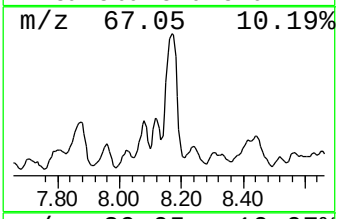


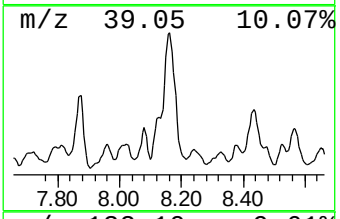


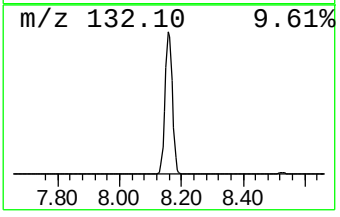












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

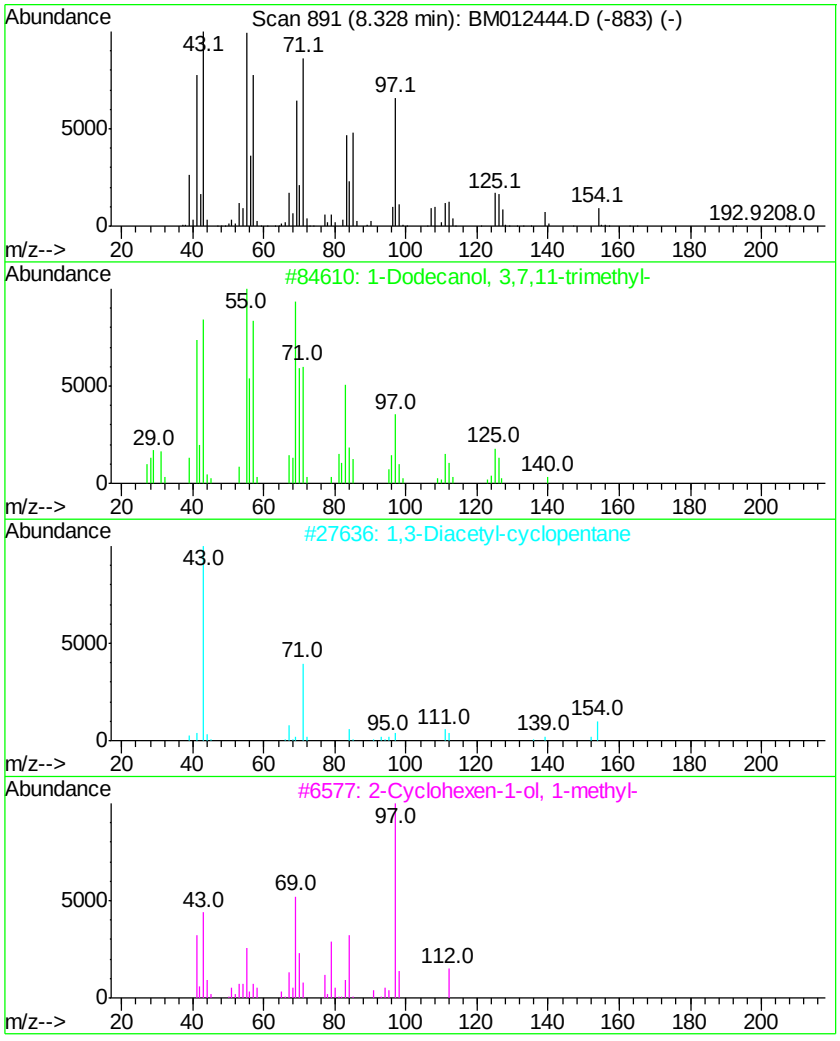
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

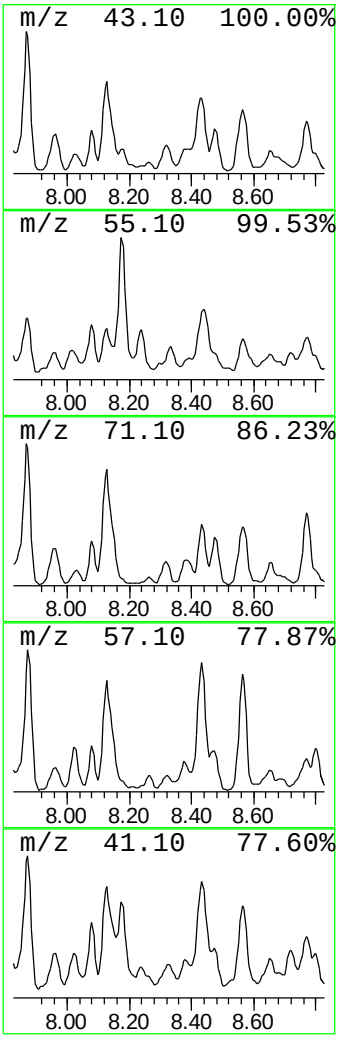
****

Peak Number 21 unknown-04 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	3.69 ng/ul	4437090	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	46
2	1,3-Diacetyl-cyclopentane	154	C9H14O2	1000143-37-1	38
3	2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	18
4	Cyclopropanecarboxamide, N-metha...	139	C8H13NO	1000340-05-6	18
5	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

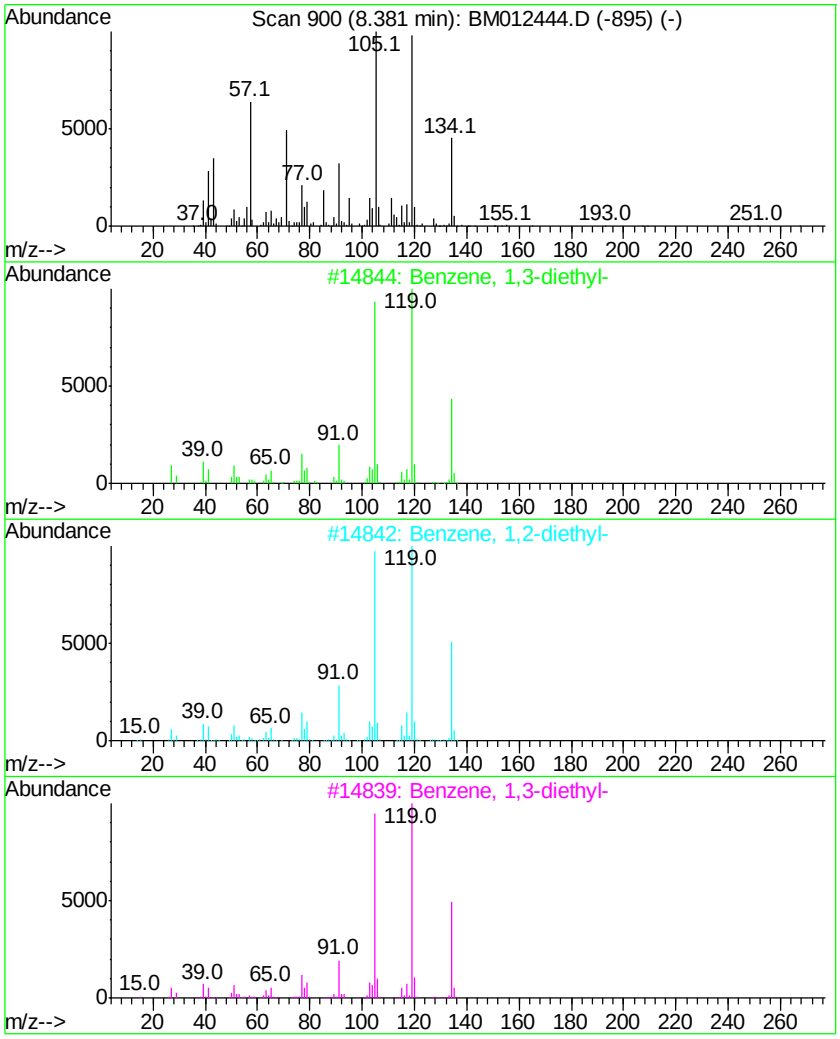
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

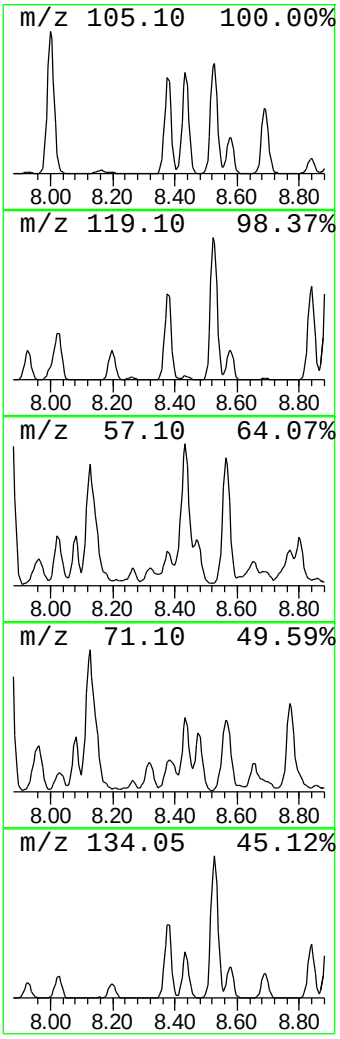
****

Peak Number 22 Benzene, 1,3-diethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	5.46 ng/ul	6574050	1,4-Dichlorobenzene-d4	7.88

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





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

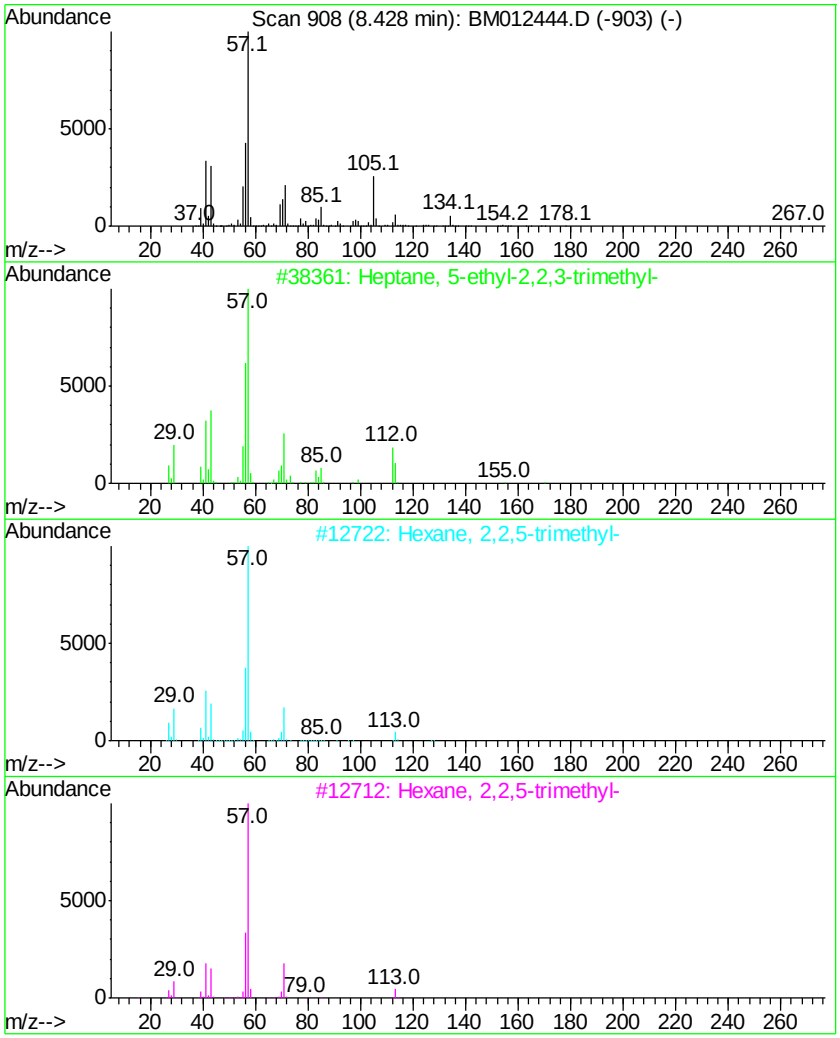
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

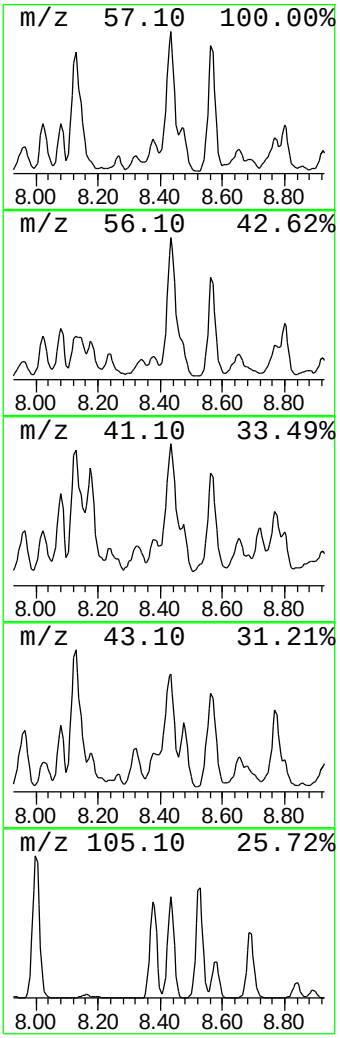
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	12.66 ng/ul	15235700	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	53
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

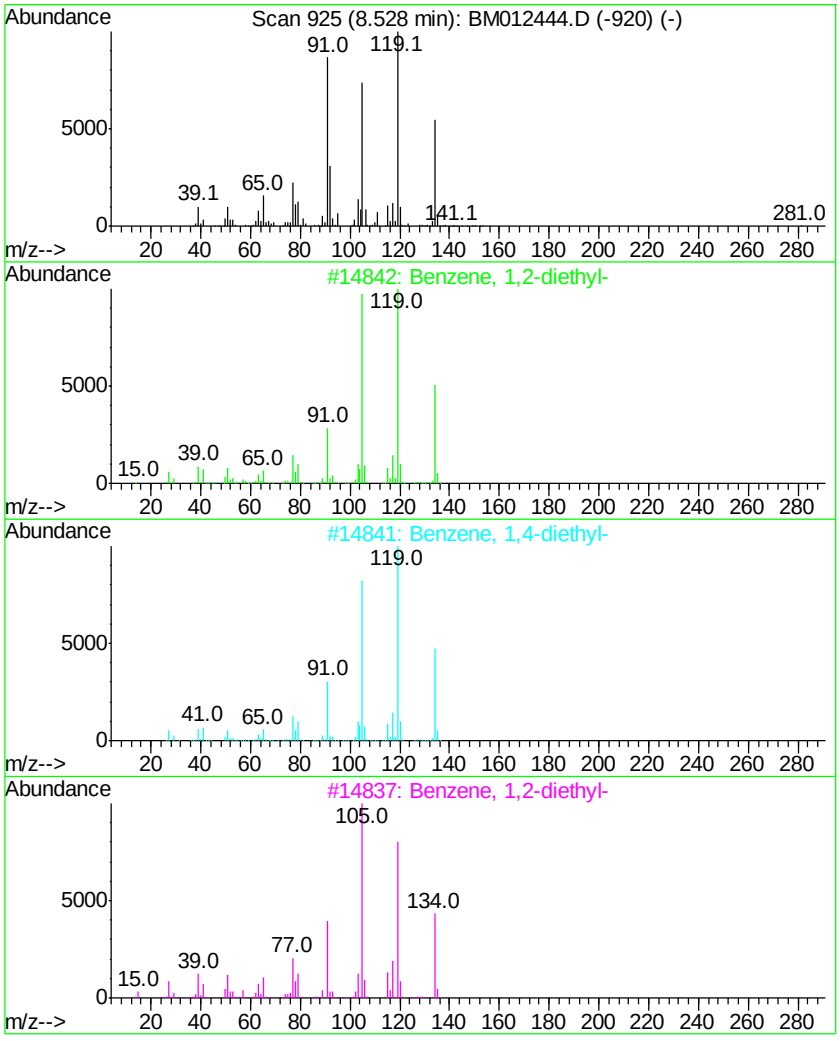
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

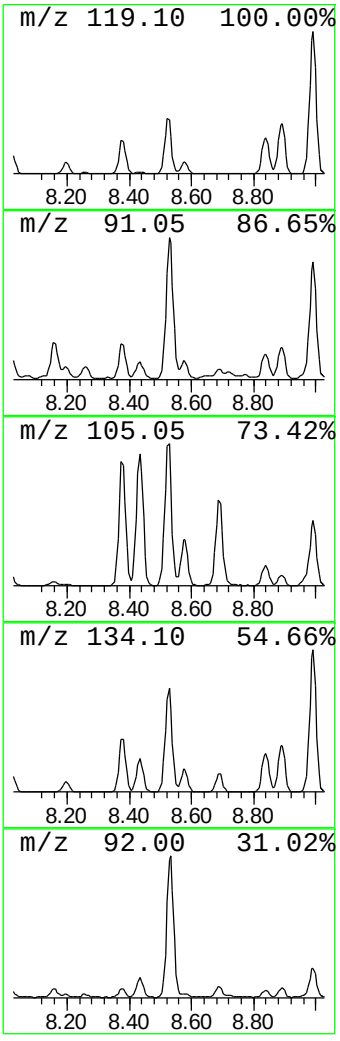
****

Peak Number 24 Benzene, 1,2-diethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	6.61 ng/ul	7955550	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	89





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

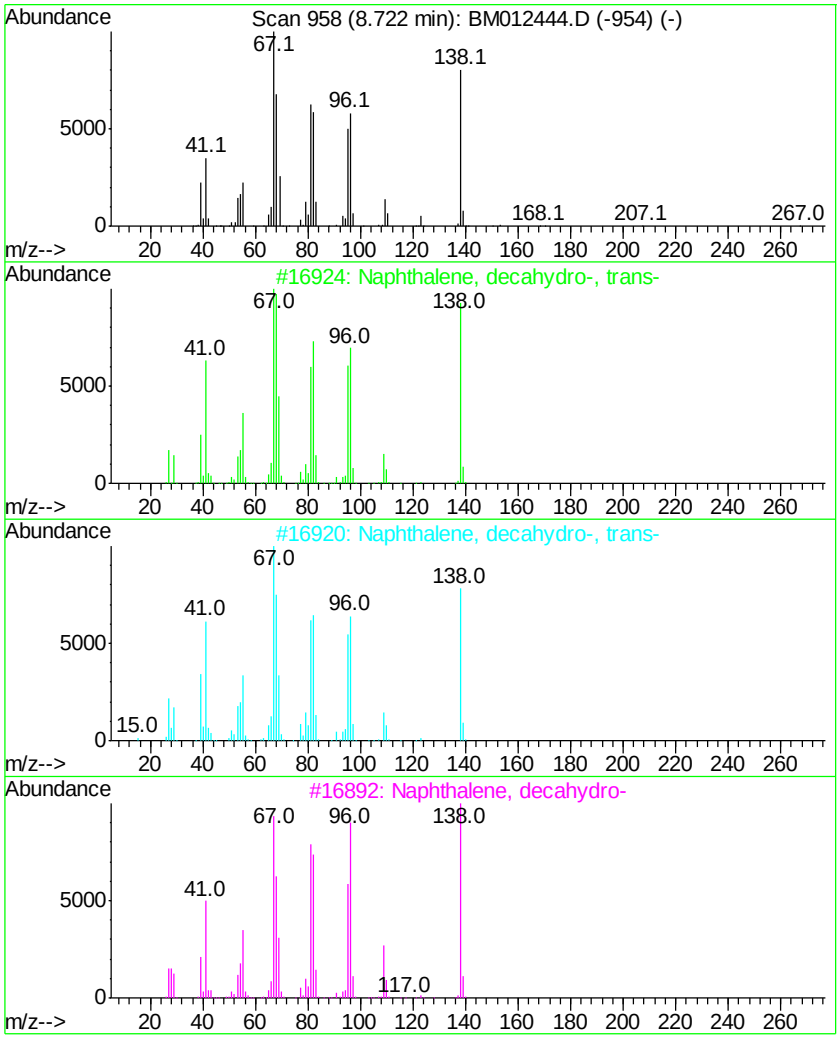
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

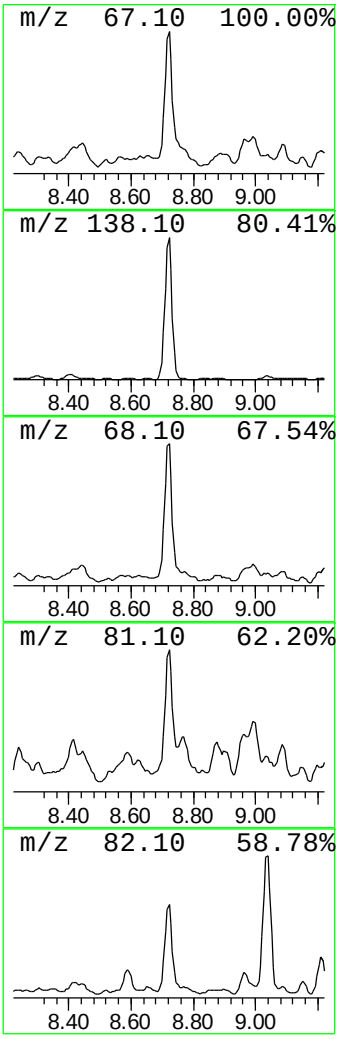
****

Peak Number 25 Naphthalene, decahydro-, tr... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	3.84 ng/ul	4625710	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
5	Naphthalene, decahydro-	138	C10H18	000091-17-8	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

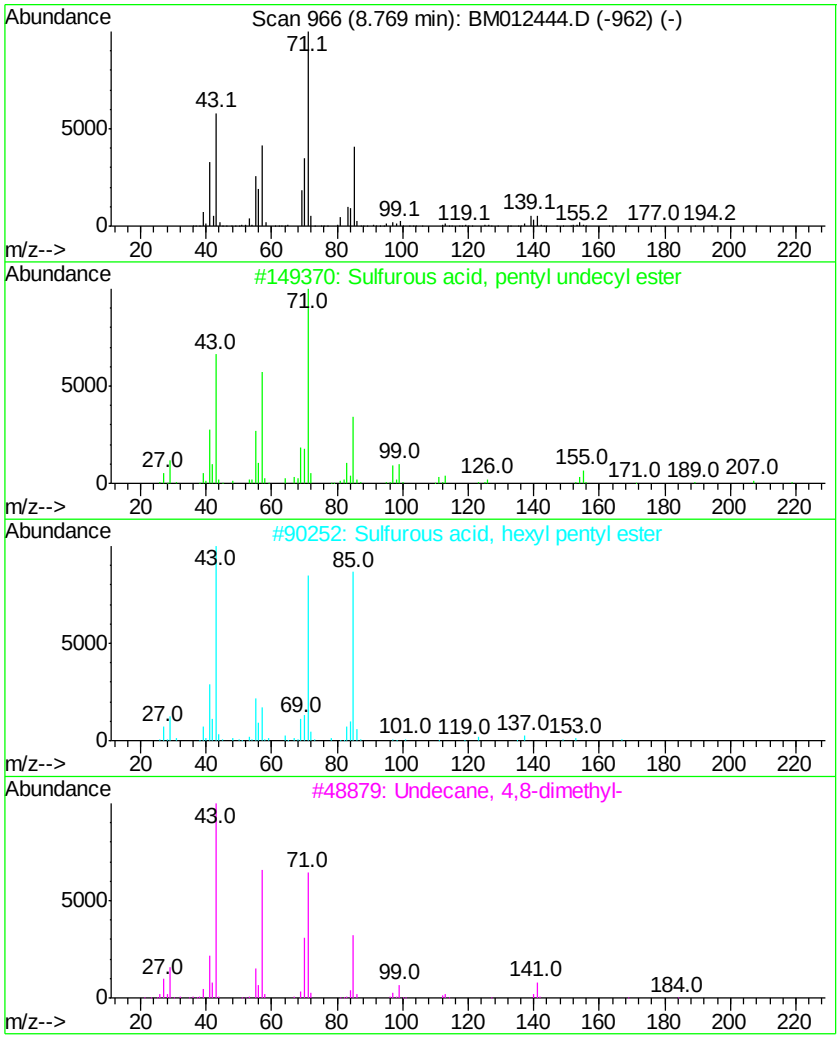
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

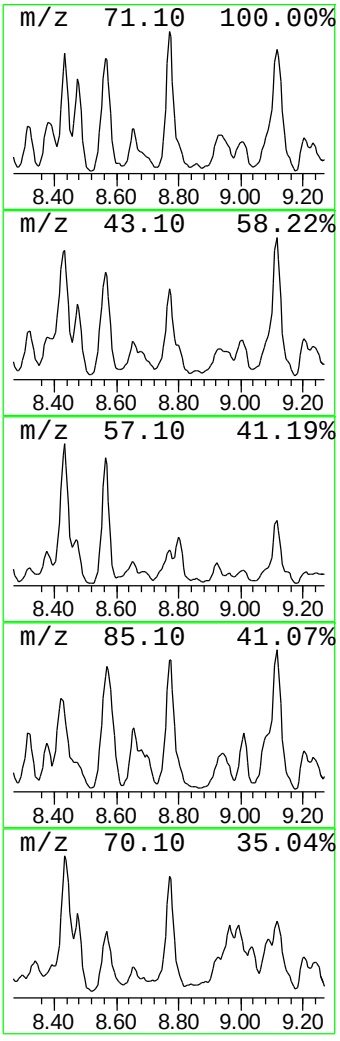
****

Peak Number 26 Sulfurous acid, pentyl unde... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	4.12 ng/ul	4963480	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	72
2	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	72
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

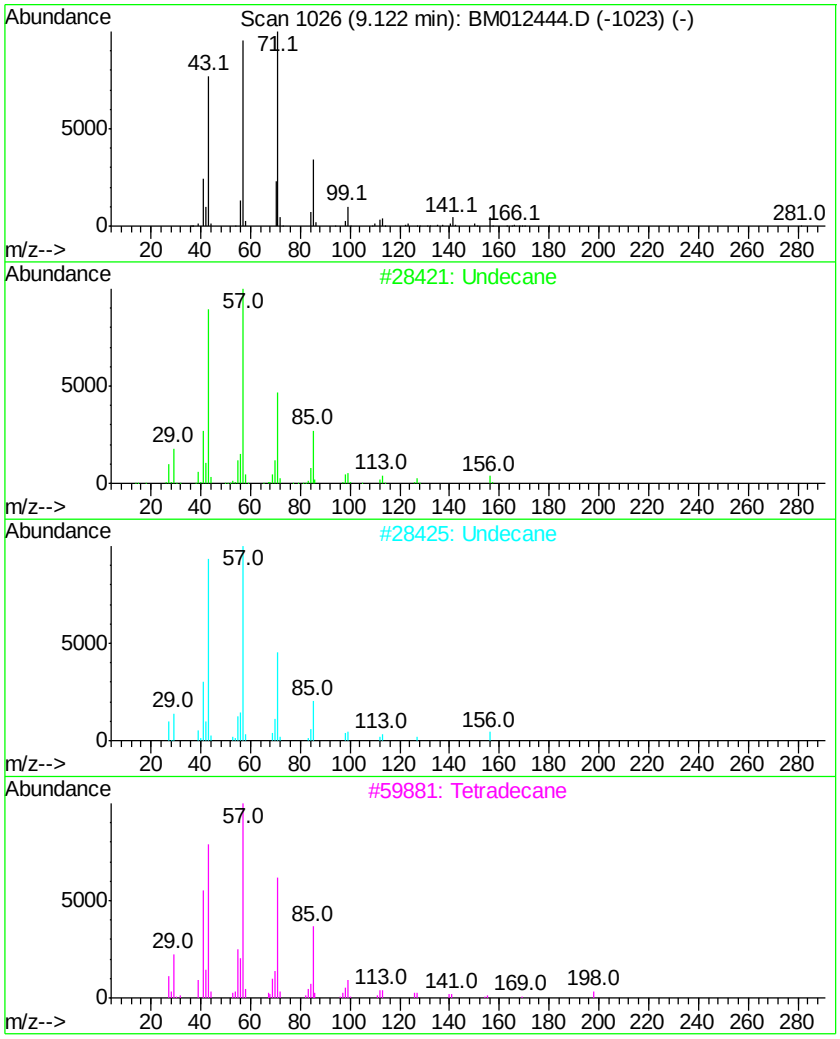
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

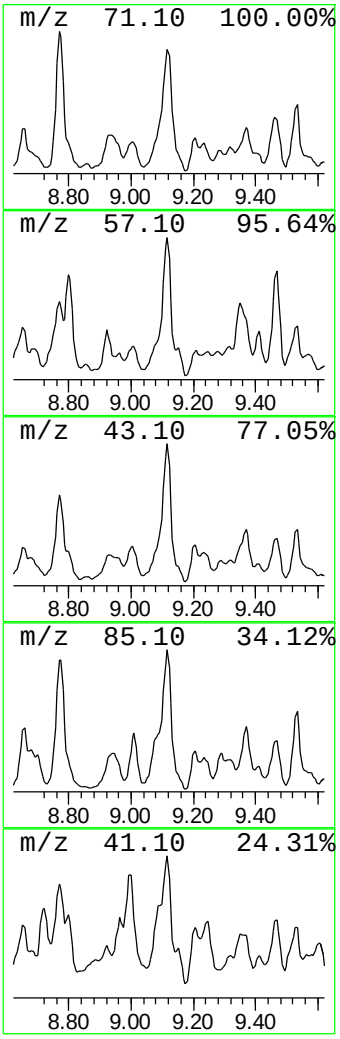
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	3.90 ng/ul	4695320	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Undecane	156	C11H24	001120-21-4	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

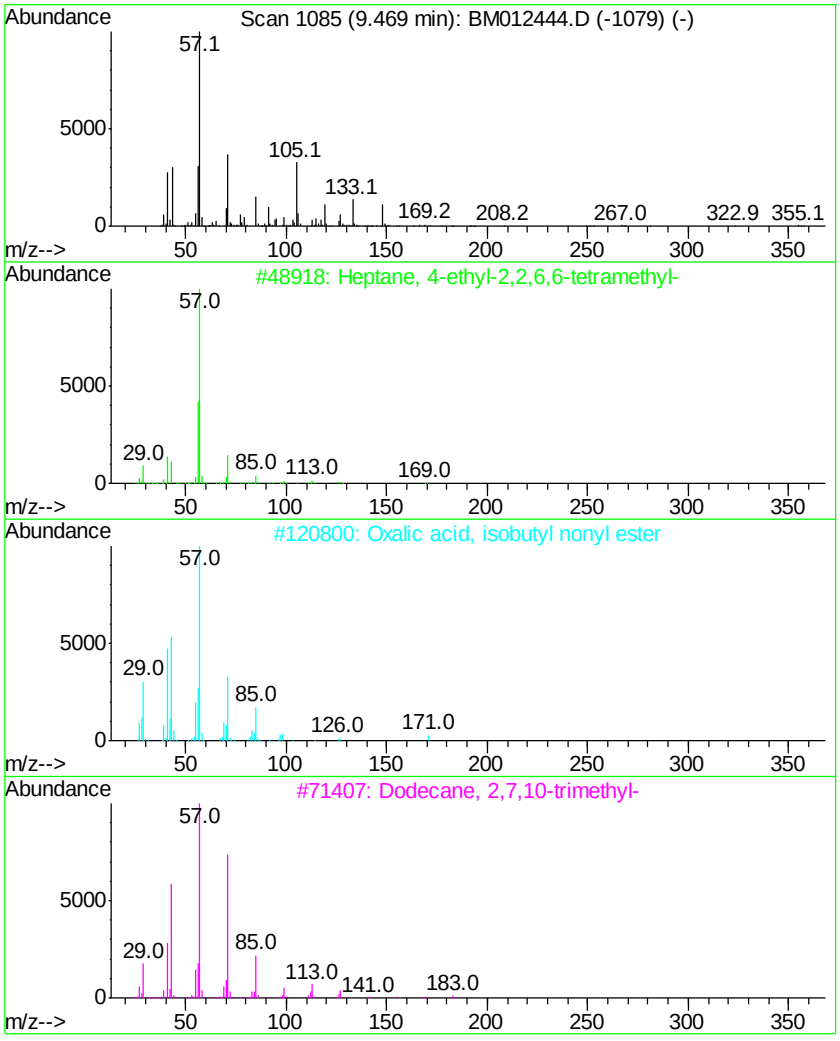
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

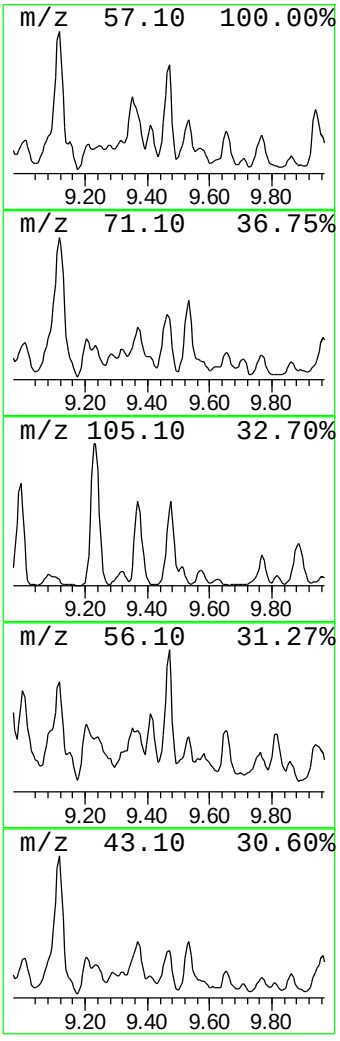
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	8.95 ng/ul	5087670	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	38
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	35
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	35
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	32





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

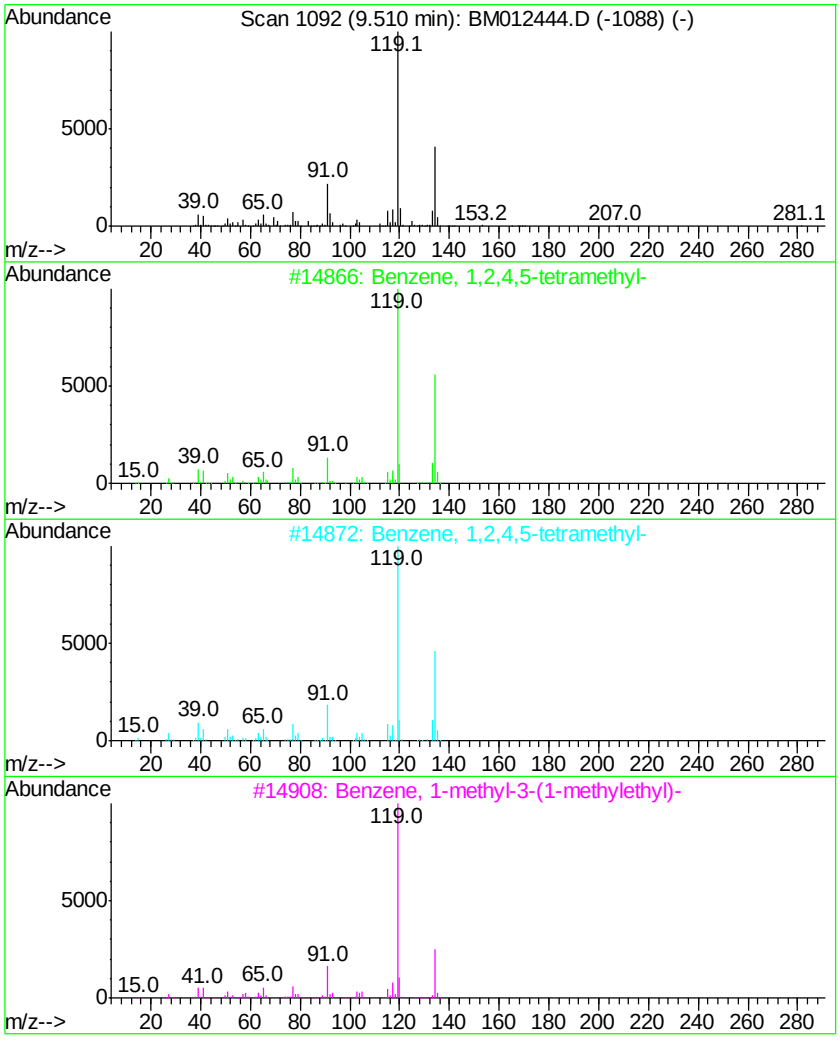
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

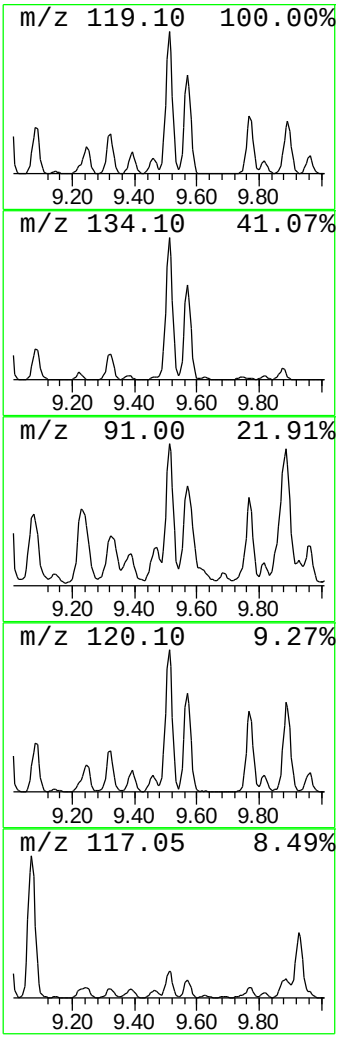
****

Peak Number 29 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	14.62 ng/ul	8307970	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

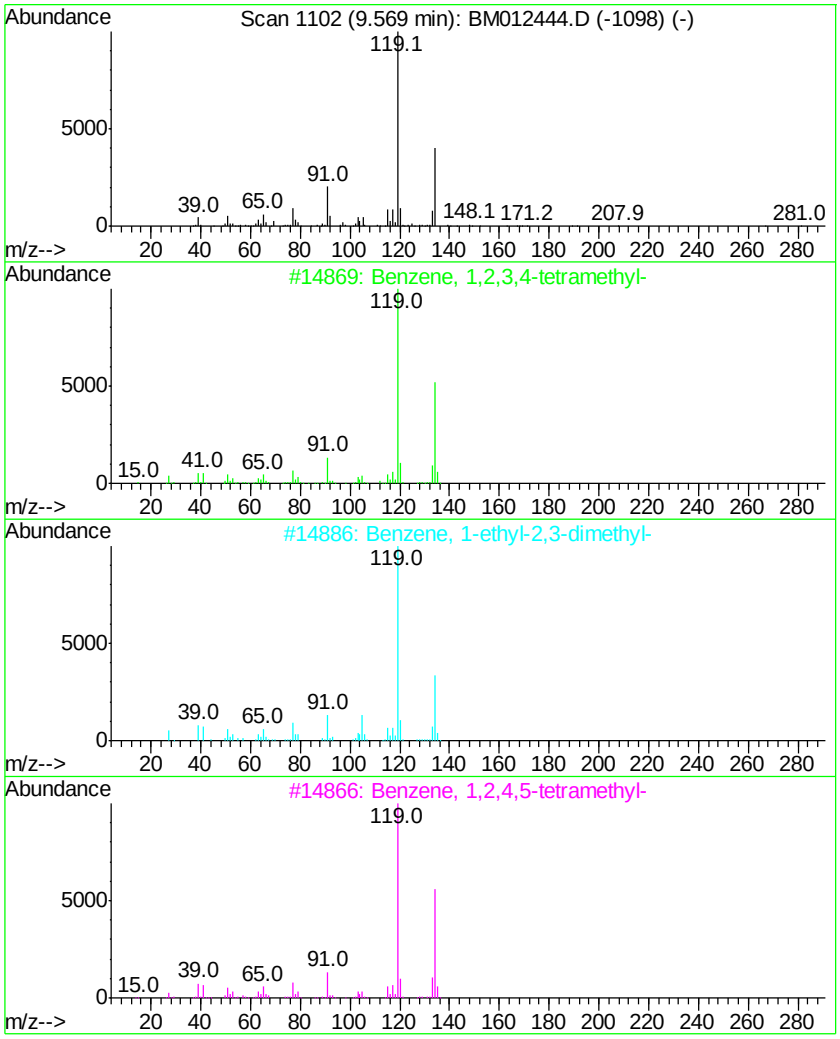
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

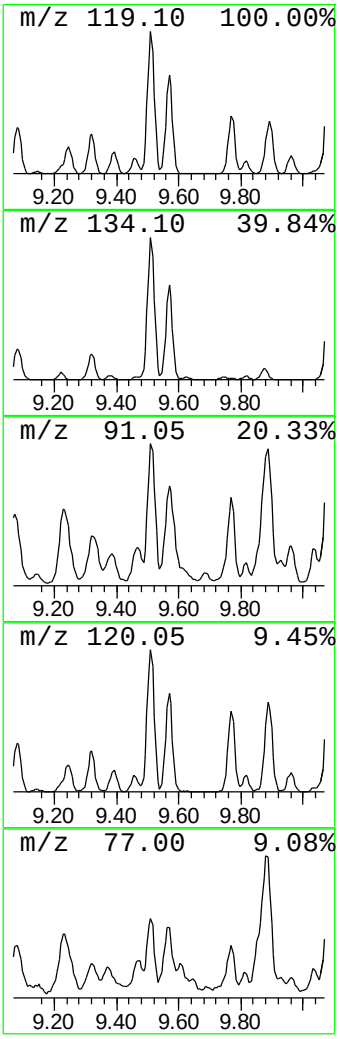
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	9.77 ng/ul	5554290	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

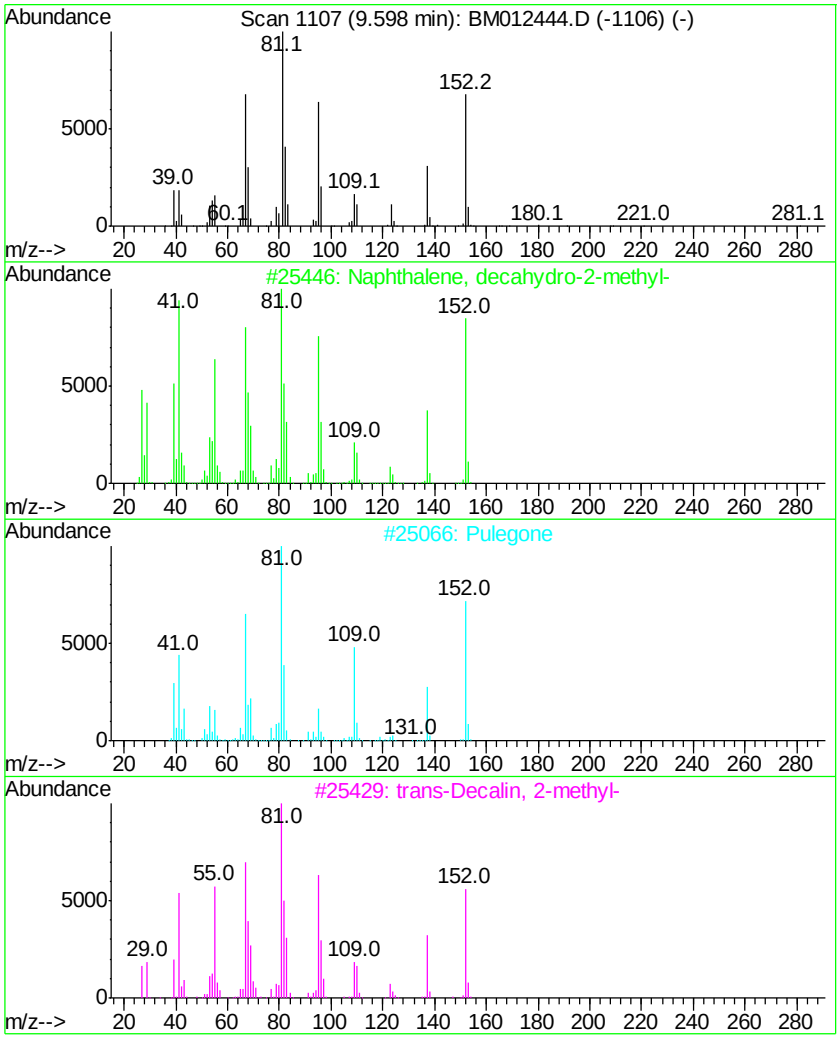
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

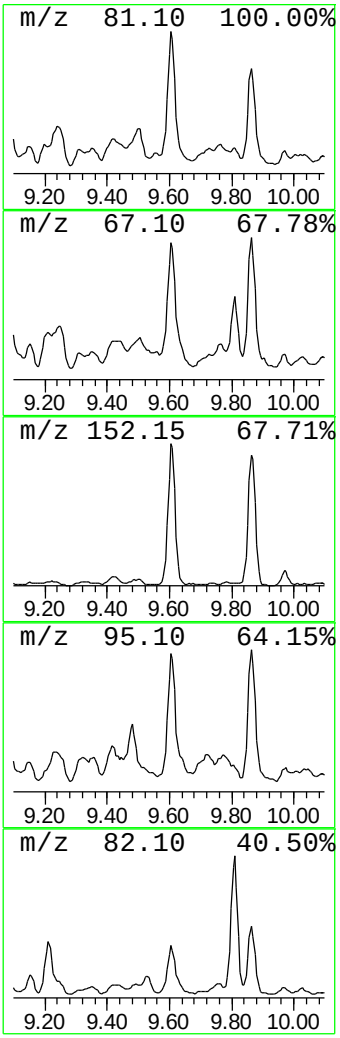
****

Peak Number 31 Naphthalene, decahydro-2-me... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	6.88 ng/ul	3911200	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	Pulegone	152	C10H16O	000089-82-7	81
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	80
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

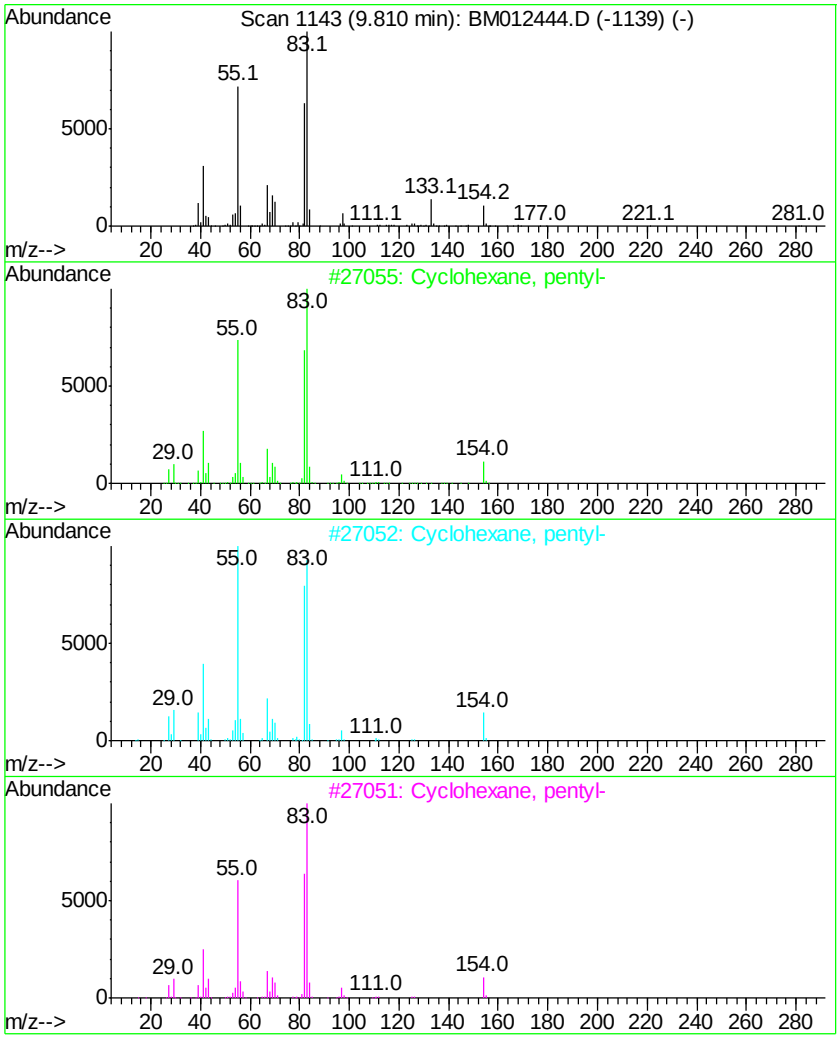
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

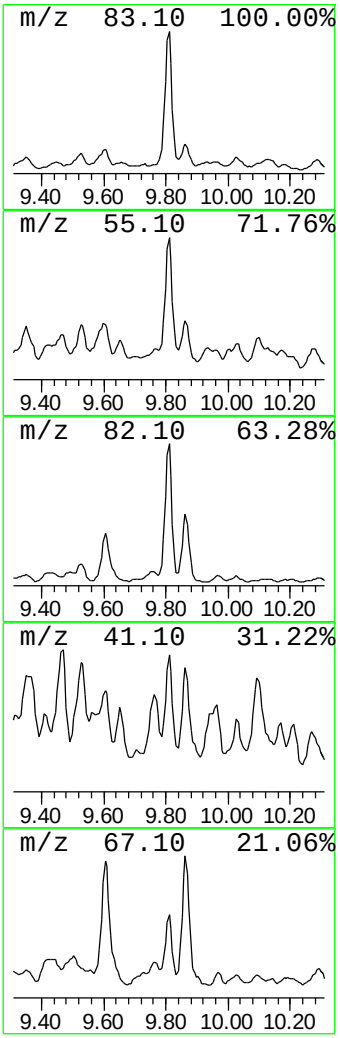
****

Peak Number 32 (DEL) Alkane: Cyclic9.81 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	8.76 ng/ul	4977260	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	94
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	80





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

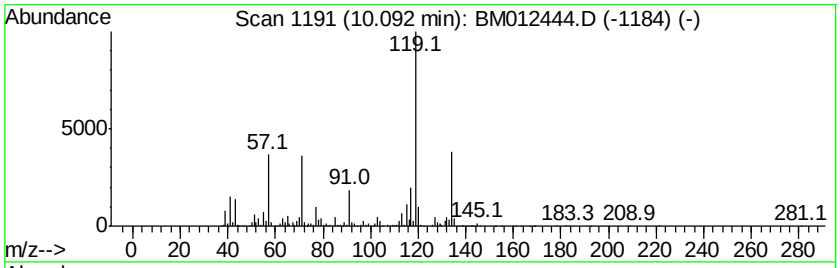
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

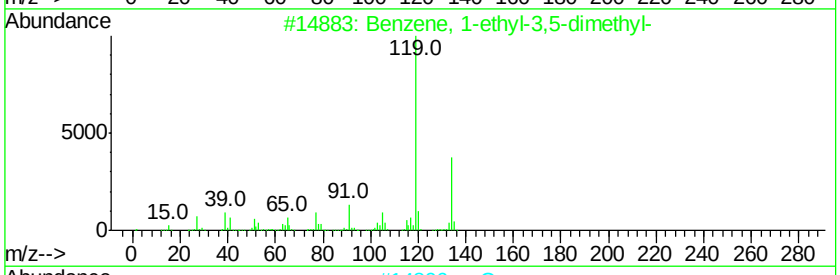
****

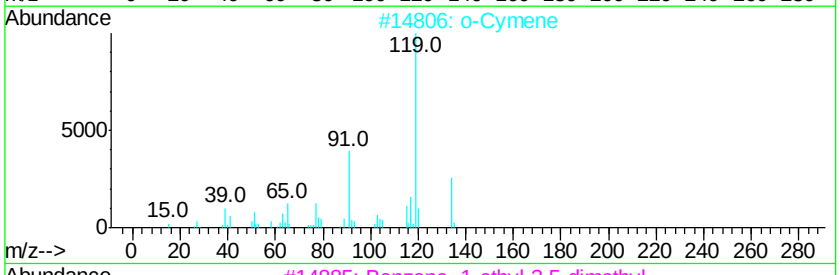
Peak Number 33 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 15

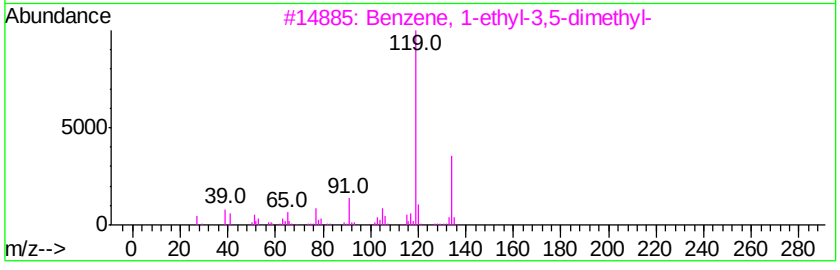
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	22.40 ng/ul	12731200	Naphthalene-d8	10.67

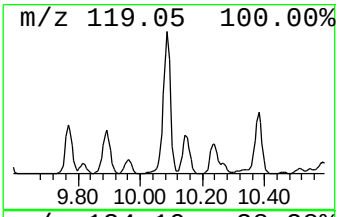
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2	o-Cymene	134	C10H14	000527-84-4	76
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
4	o-Cymene	134	C10H14	000527-84-4	70
5	p-Cymene	134	C10H14	000099-87-6	70

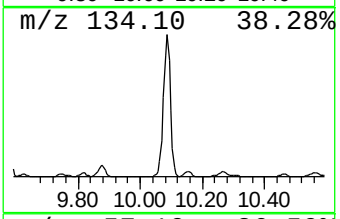


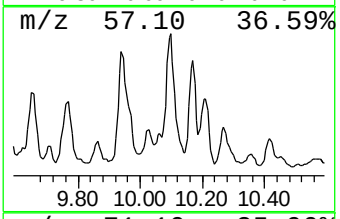


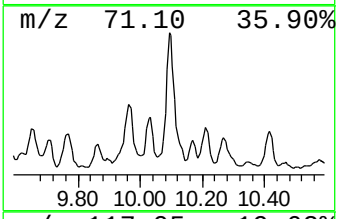


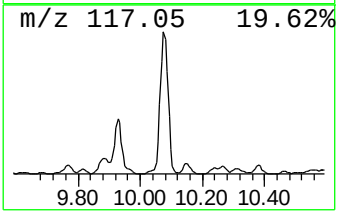












Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

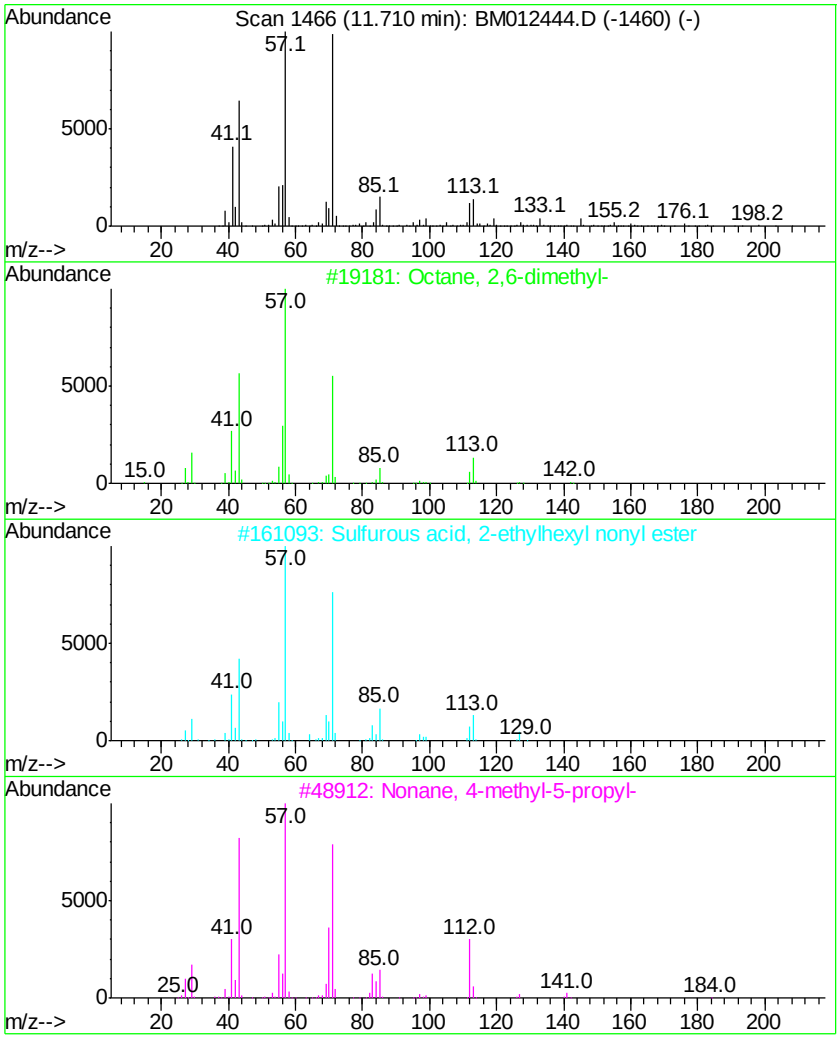
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

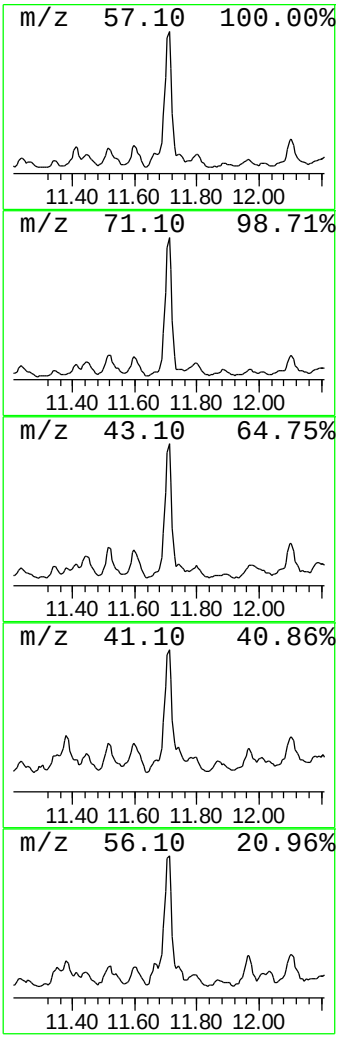
****

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	10.46 ng/ul	5944560	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
5	Decane, 4-methyl-	156	C11H24	002847-72-5	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

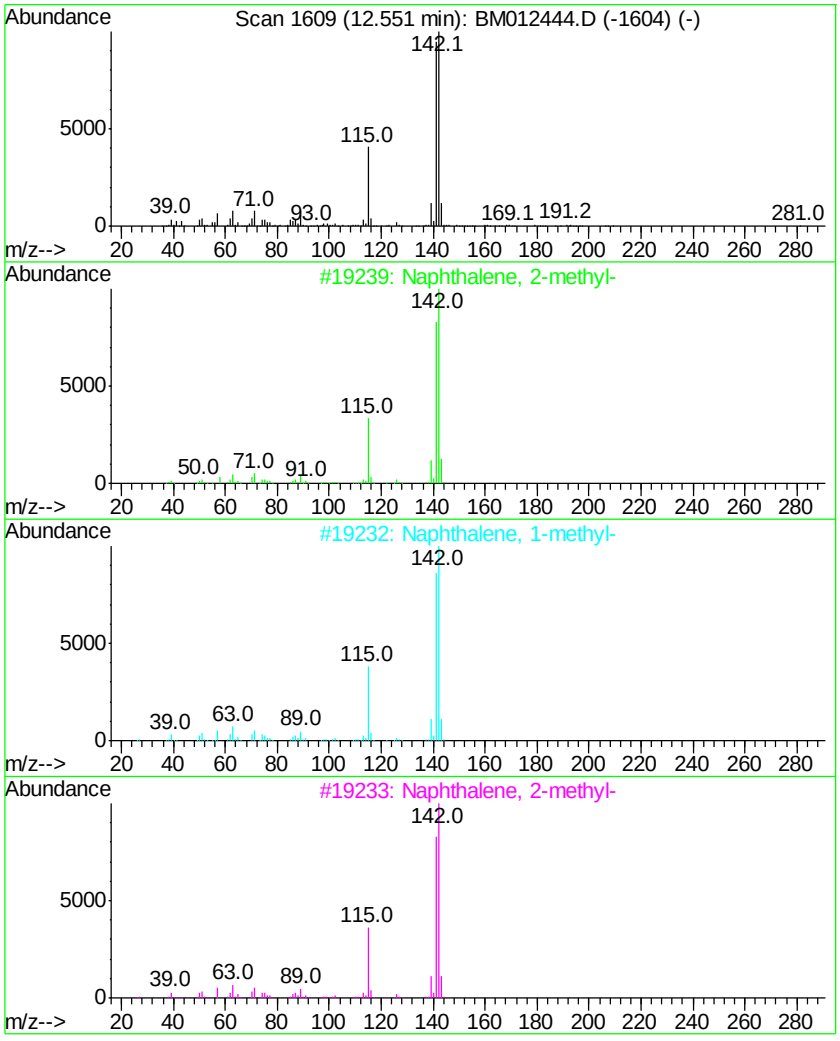
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

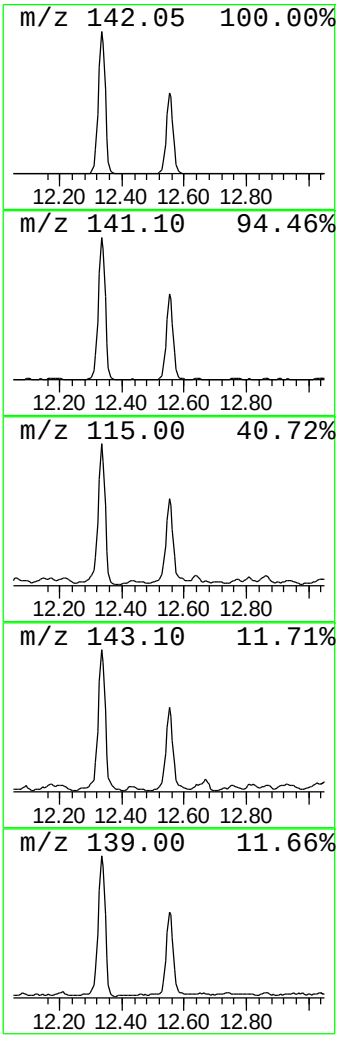
****

Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	8.06 ng/ul	4582590	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

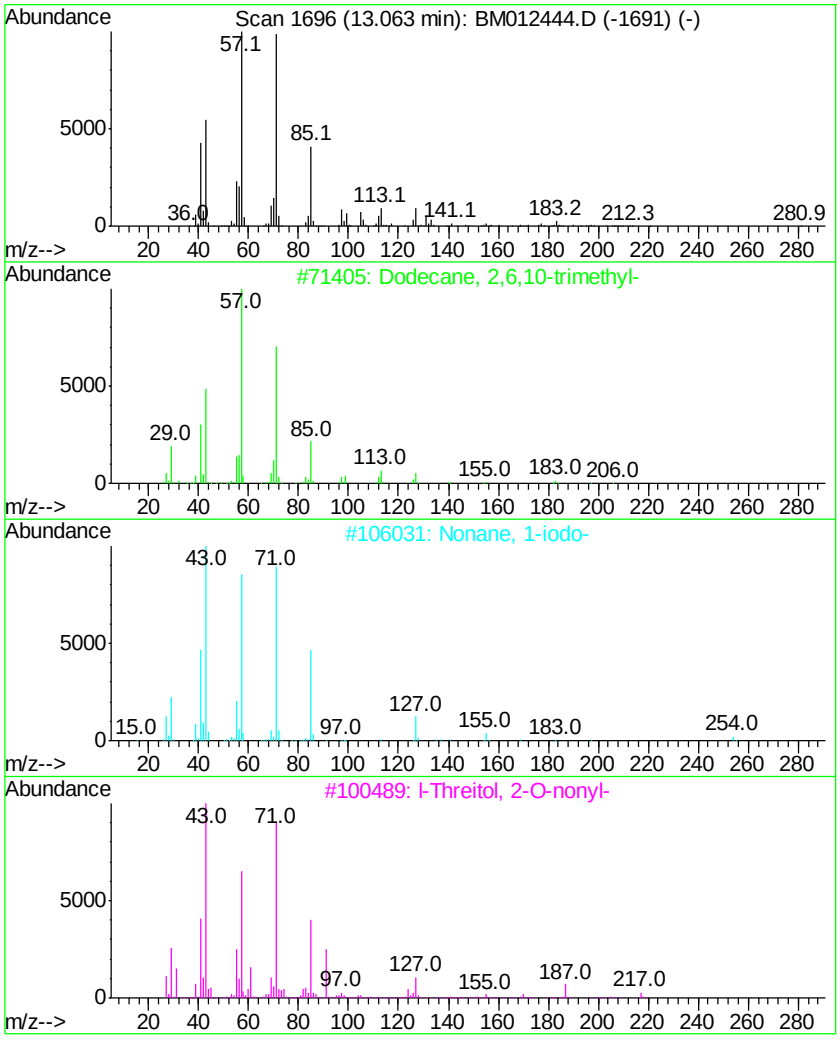
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

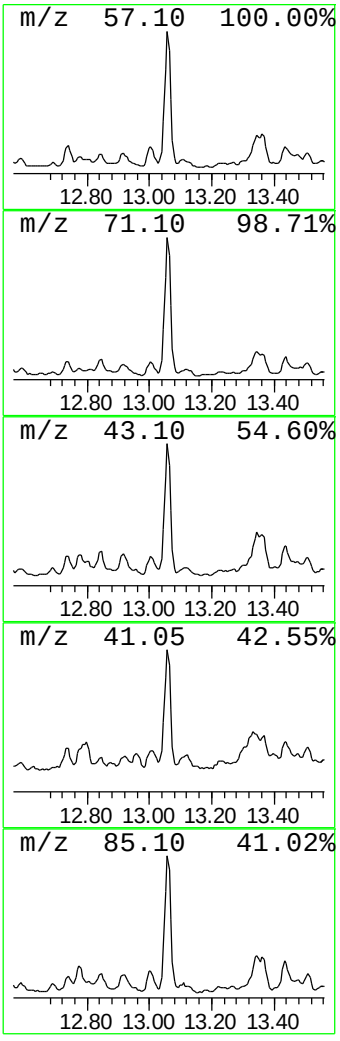
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	8.88 ng/ul	5523350	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2	Nonane, 1-iodo-	254	C9H19I	004282-42-2	53
3	l-Threitol, 2-O-nonyl-	248	C13H28O4	163776-15-6	53
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

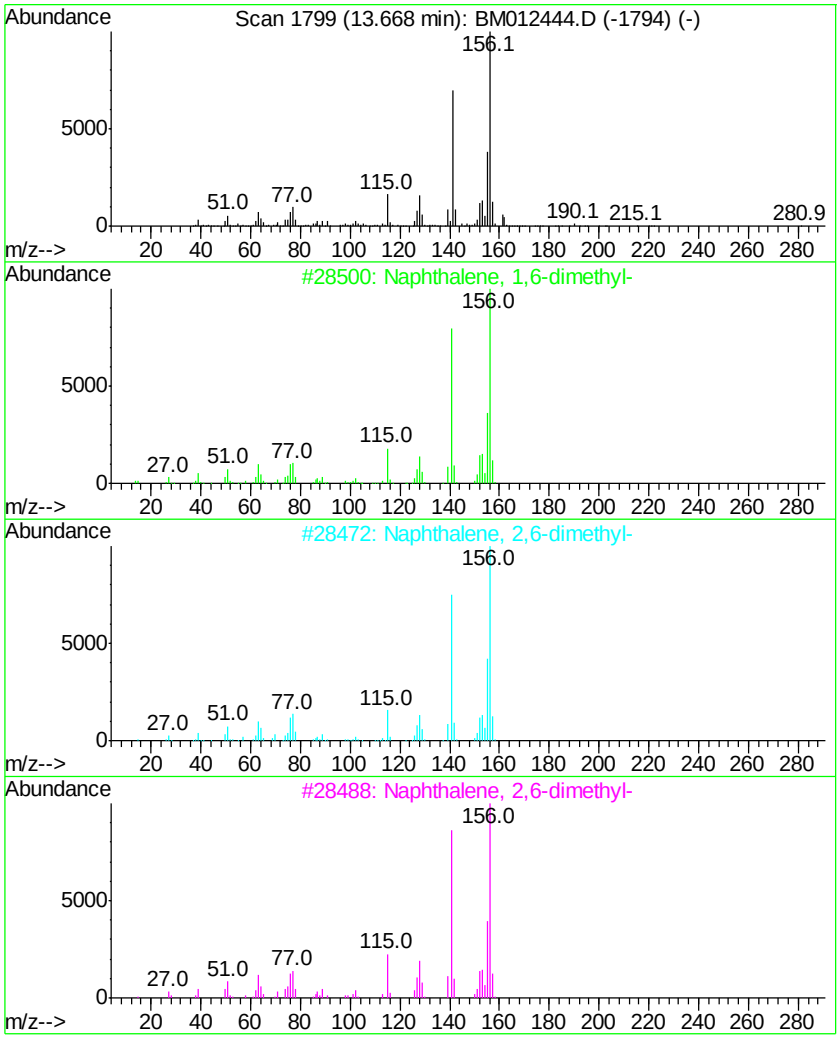
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

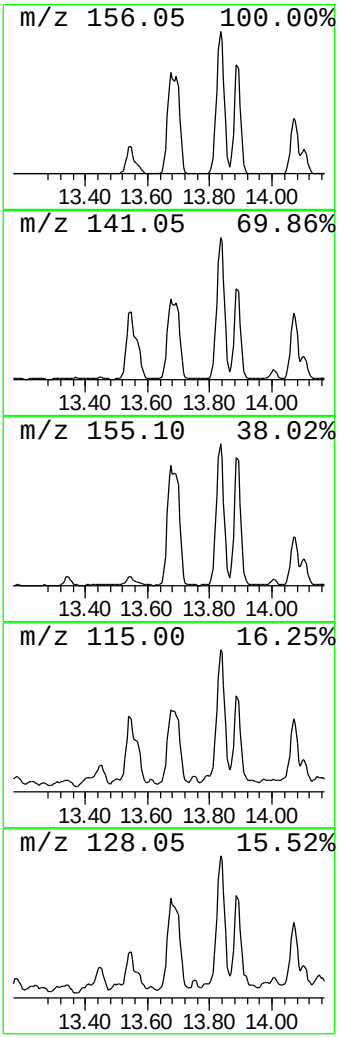
****

Peak Number 37 Naphthalene, 1,6-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	9.29 ng/ul	5779990	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

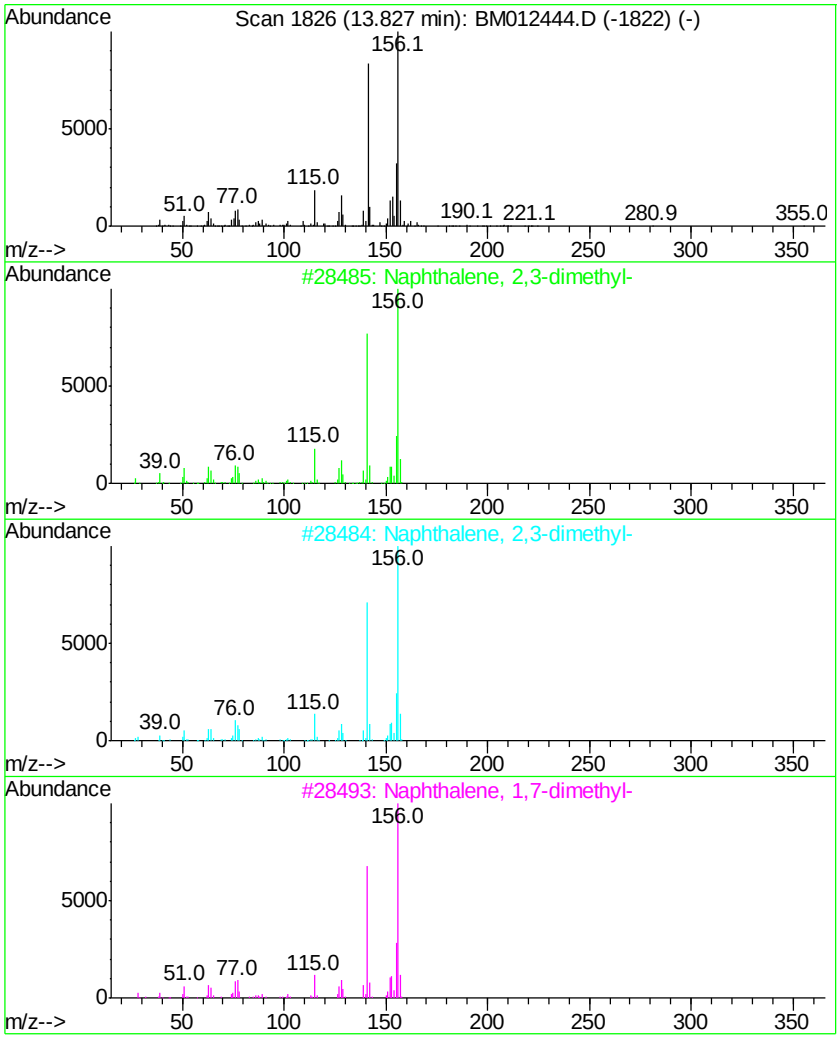
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

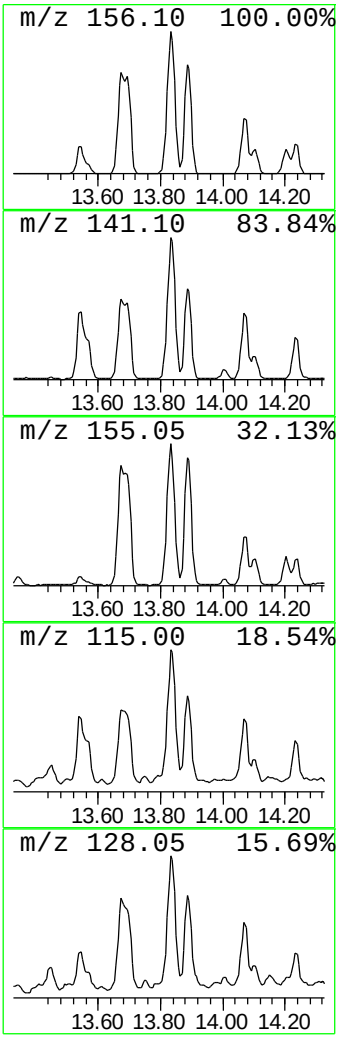
****

Peak Number 38 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	16.57 ng/ul	10307200	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

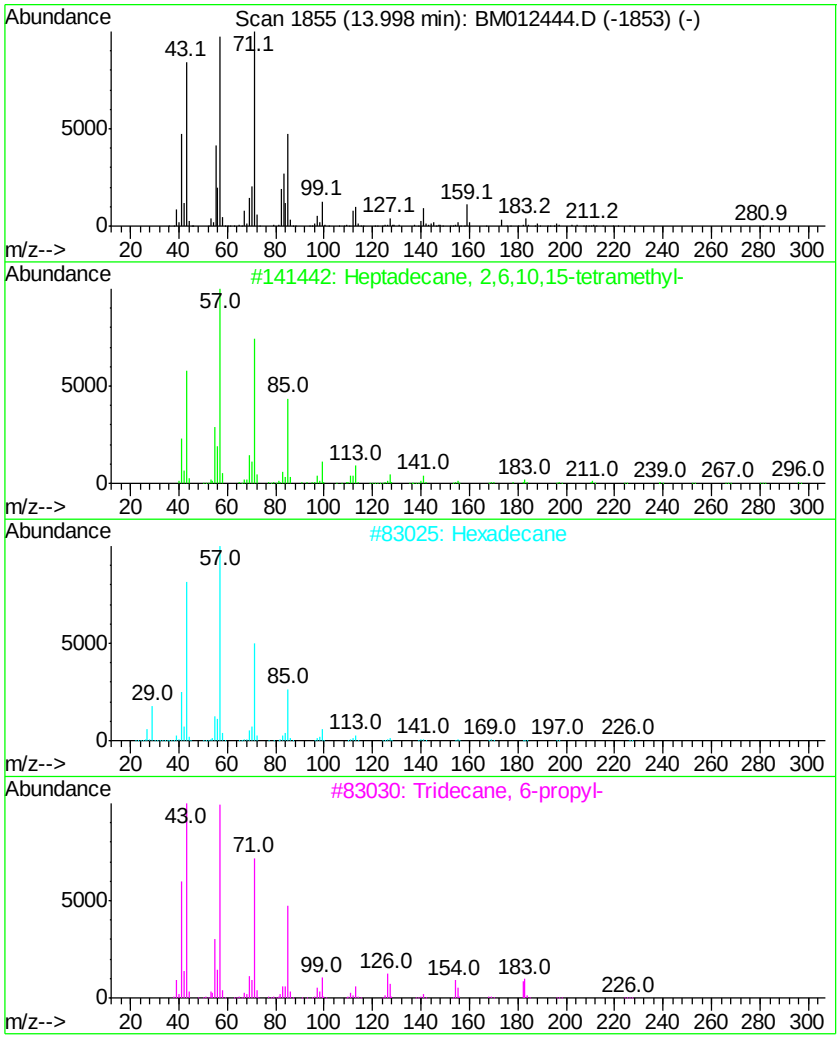
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

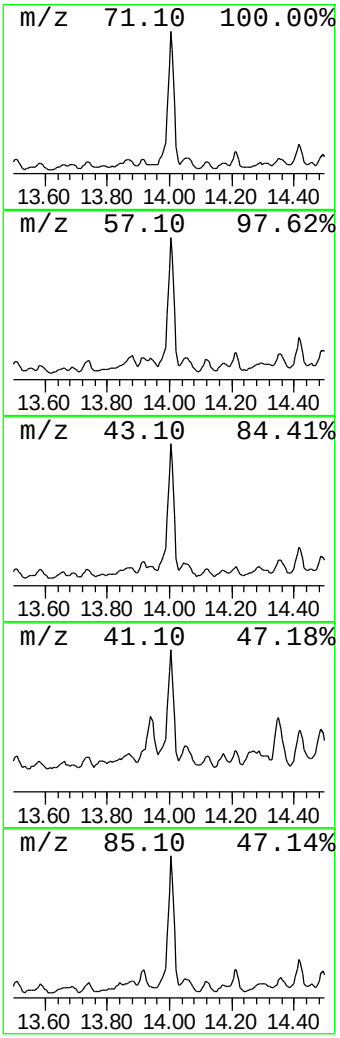
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	10.79 ng/ul	6712240	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	80
2	Hexadecane	226	C16H34	000544-76-3	76
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	68
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	58





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

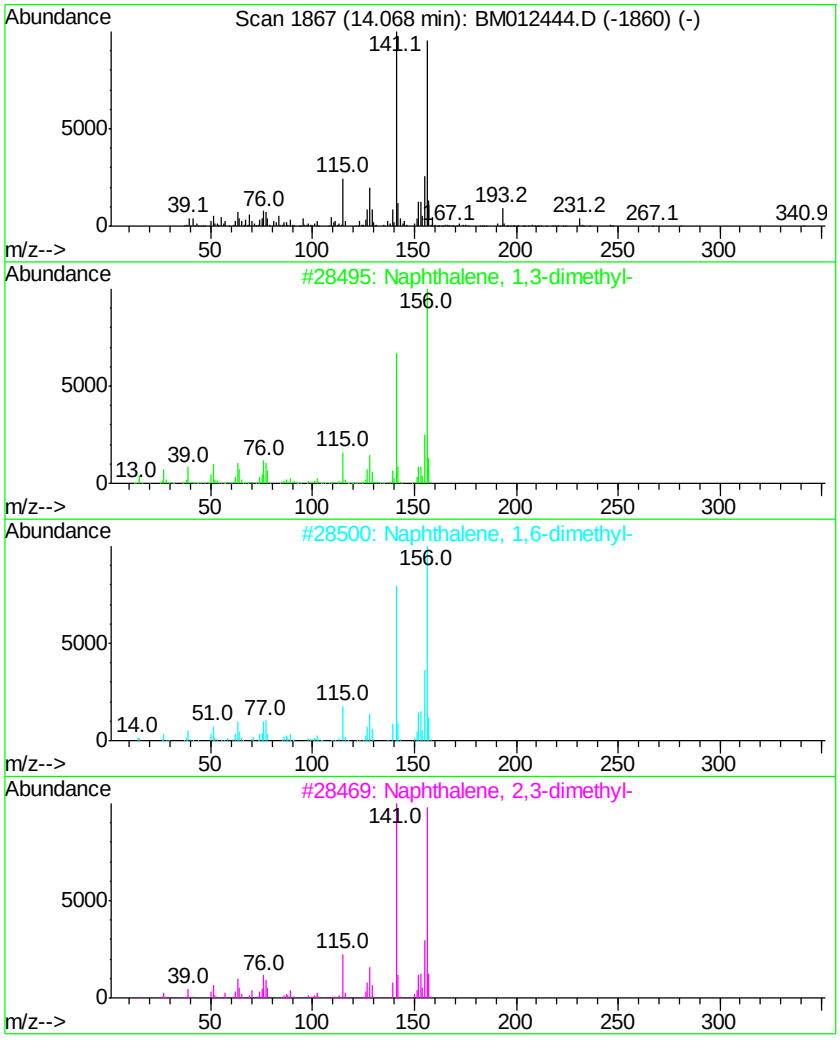
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

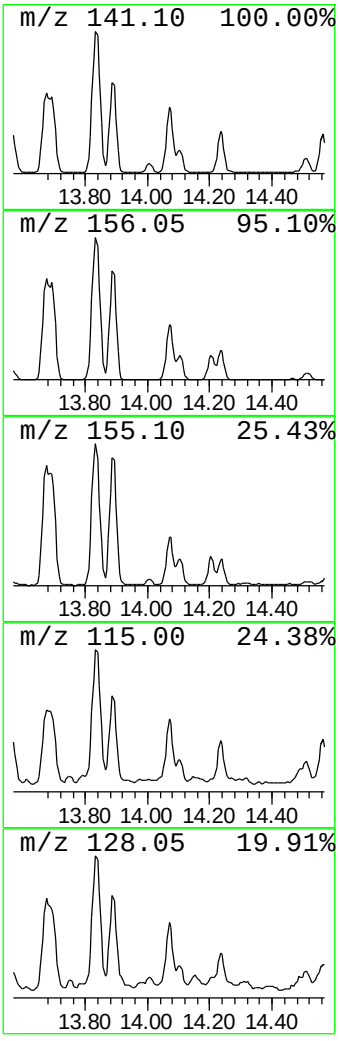
****

Peak Number 40 Naphthalene, 1,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	8.31 ng/ul	5170900	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

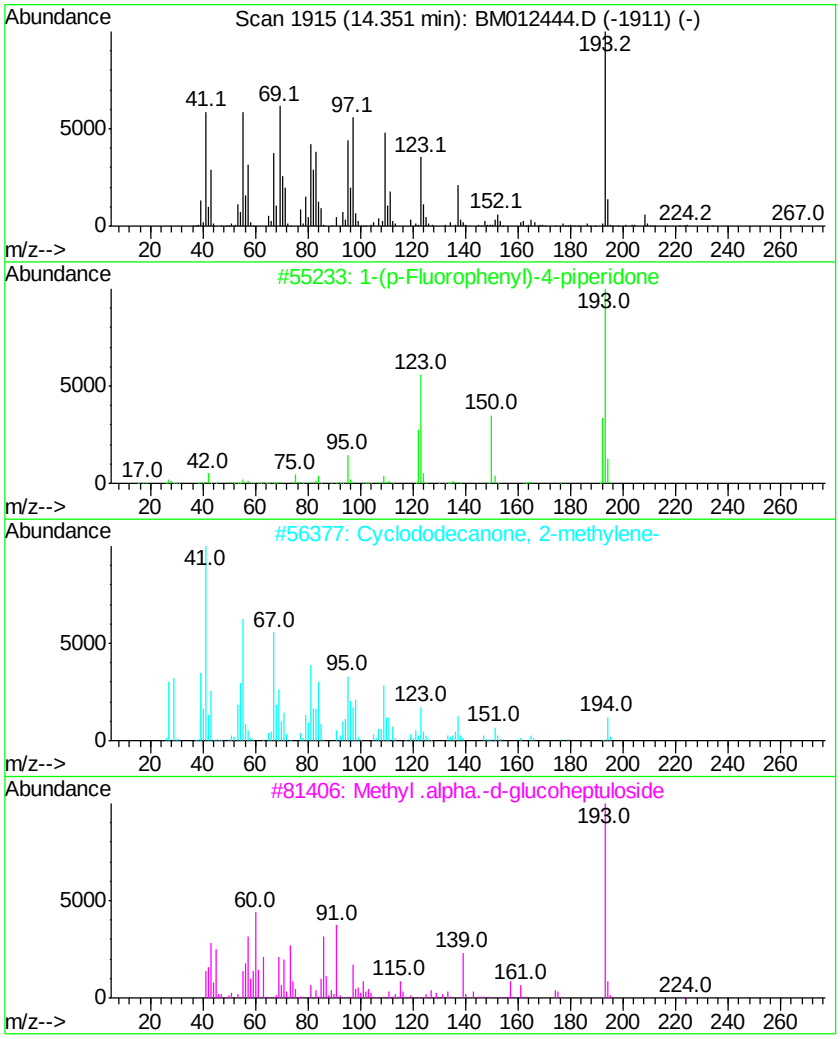
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

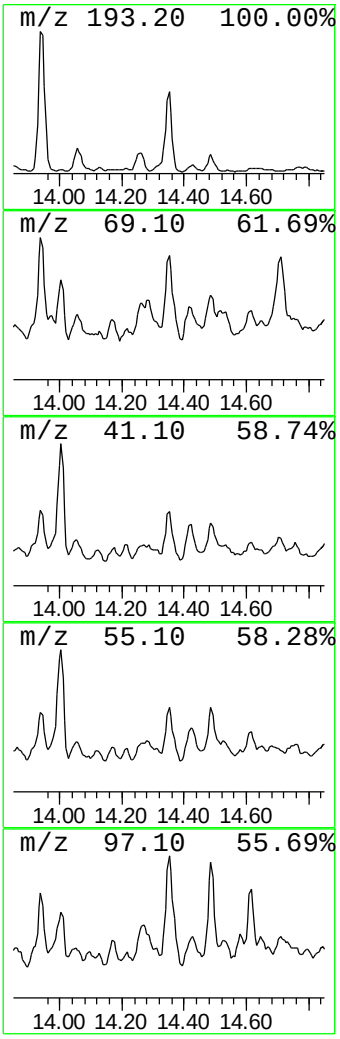
****

Peak Number 41 unknown-05 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	7.07 ng/ul	4397260	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
2	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	27
3	Methyl .alpha.-d-glucoheptuloside	224	C8H16O7	1000126-85-3	22
4	3-Tetradecyn-1-ol	210	C14H26O	055182-74-6	22
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-98-2	15





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

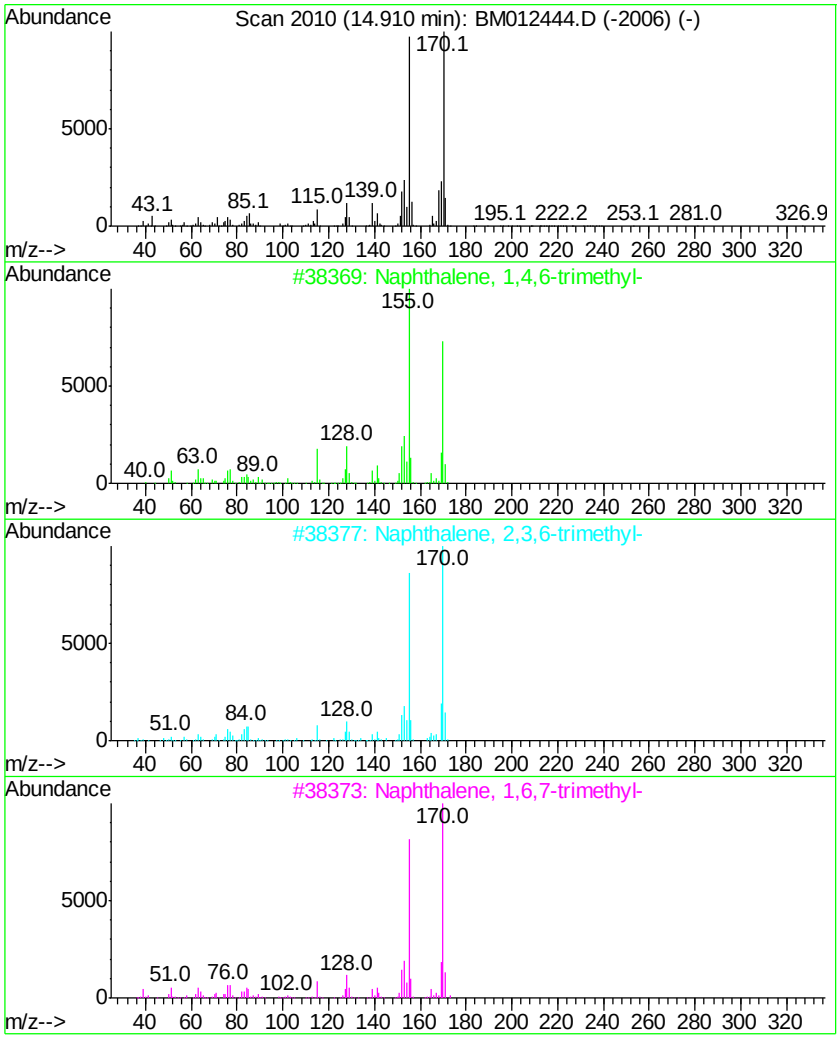
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

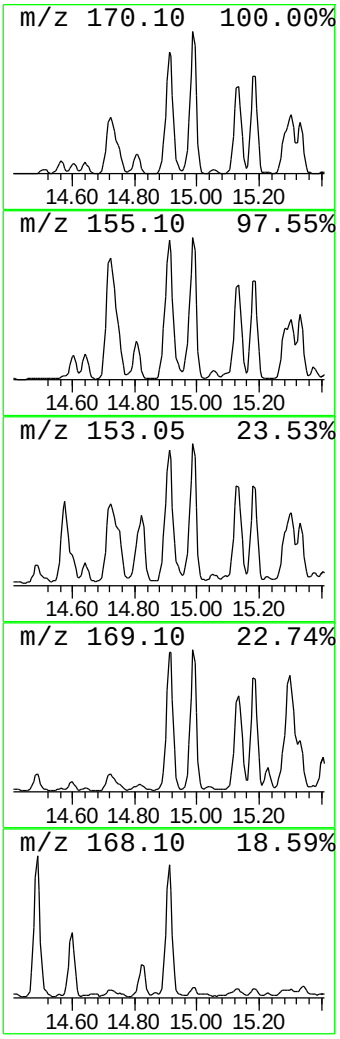
****

Peak Number 42 Naphthalene, 1,4,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	13.32 ng/ul	8286430	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

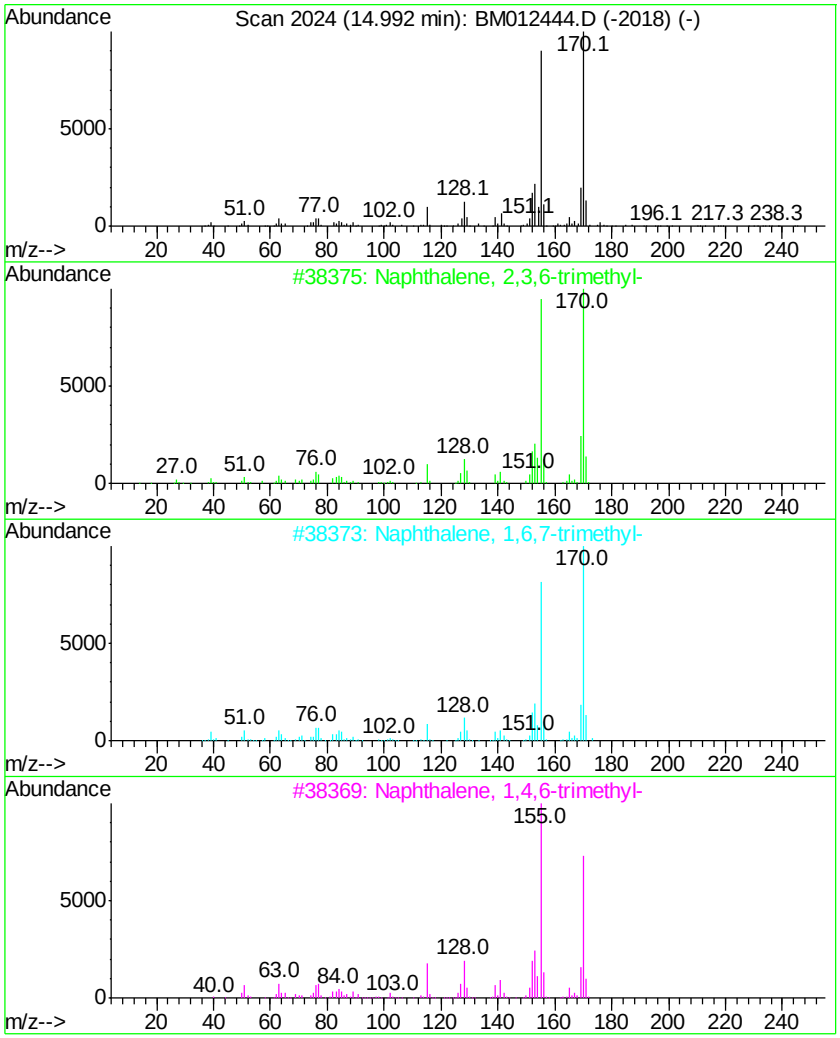
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

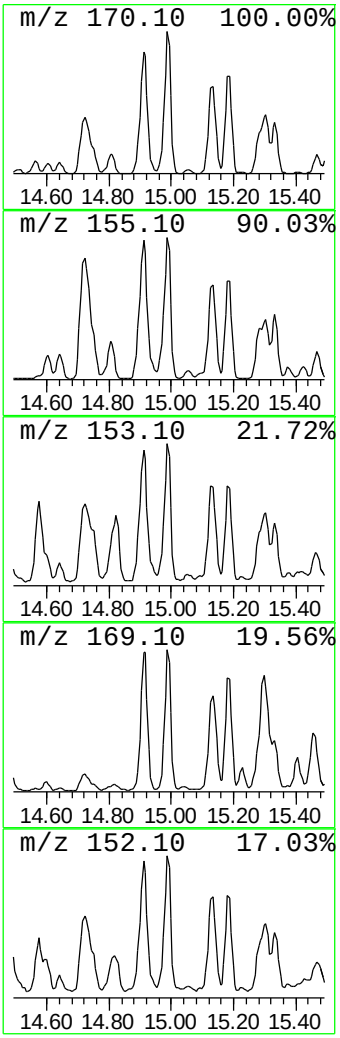
****

Peak Number 43 Naphthalene, 2,3,6-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	10.68 ng/ul	6644230	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

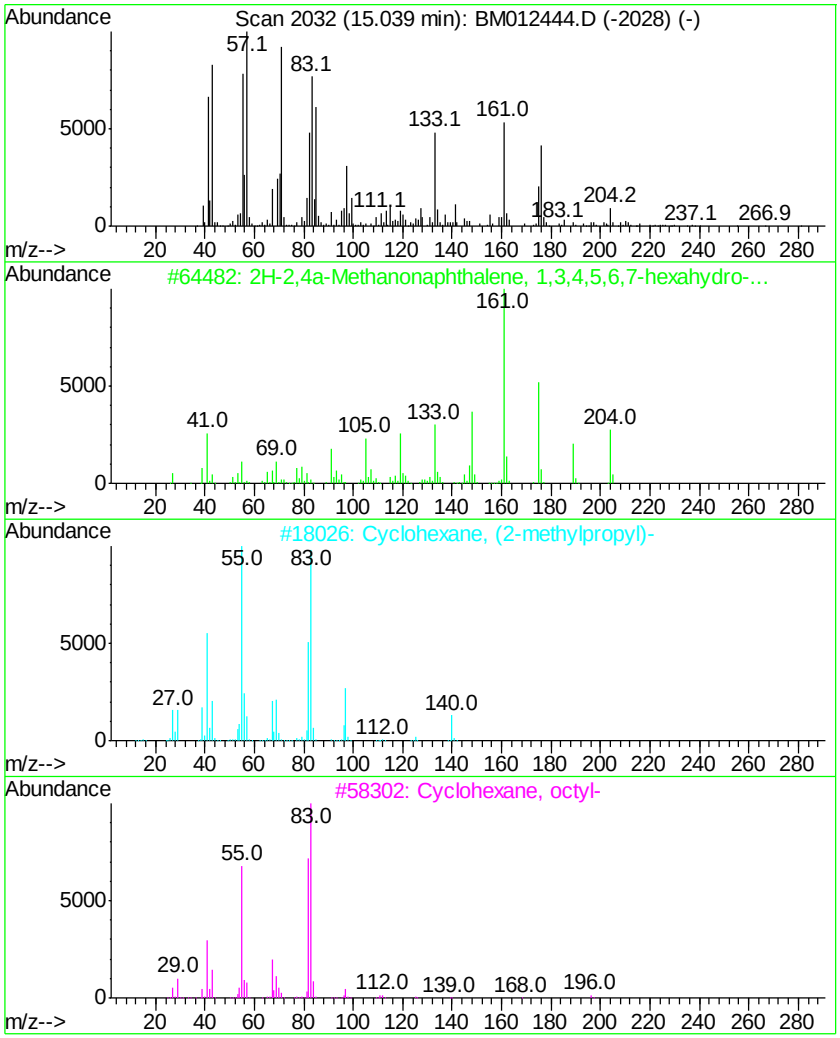
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

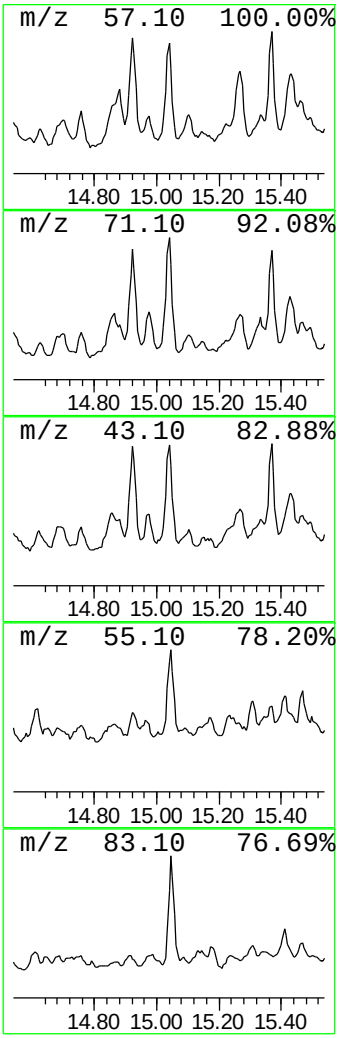
****

Peak Number 44 unknown-06 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	7.01 ng/ul	4360110	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	25
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	25
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	25
4	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	25
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

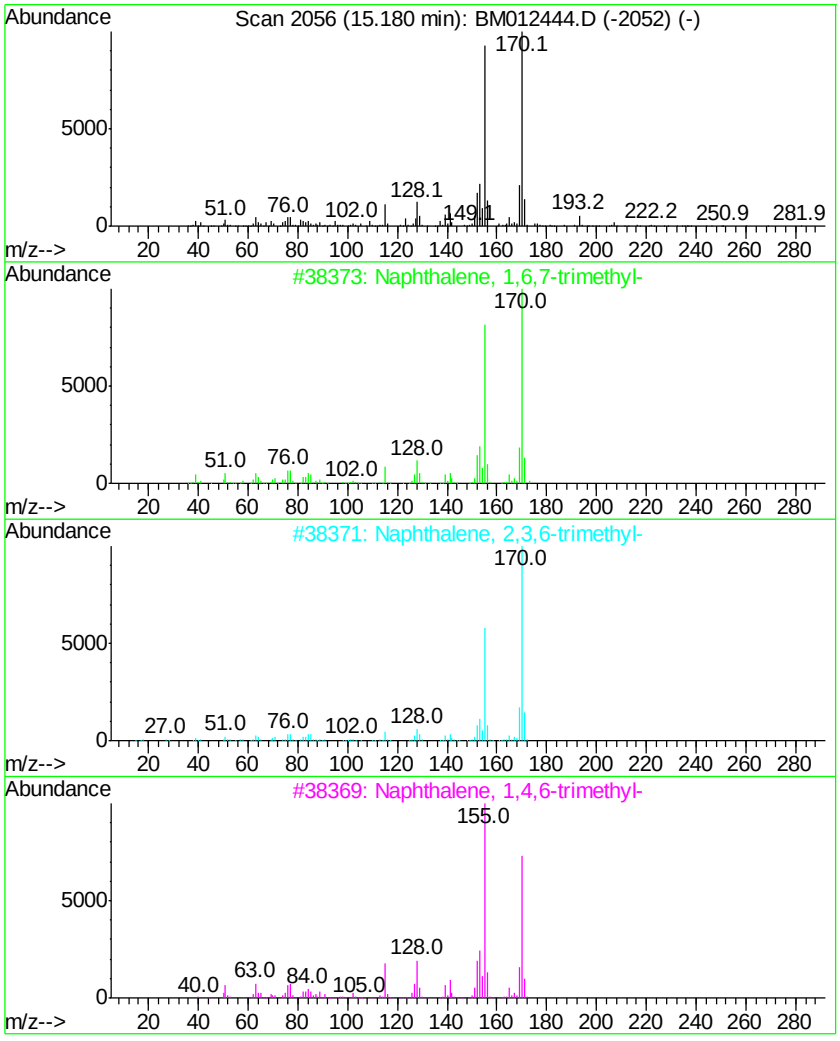
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

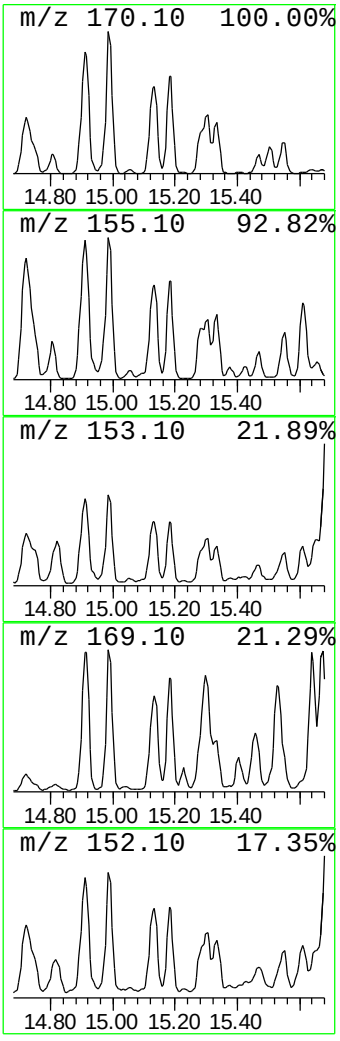
****

Peak Number 46 Naphthalene, 1,6,7-trimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	8.31 ng/ul	5170880	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

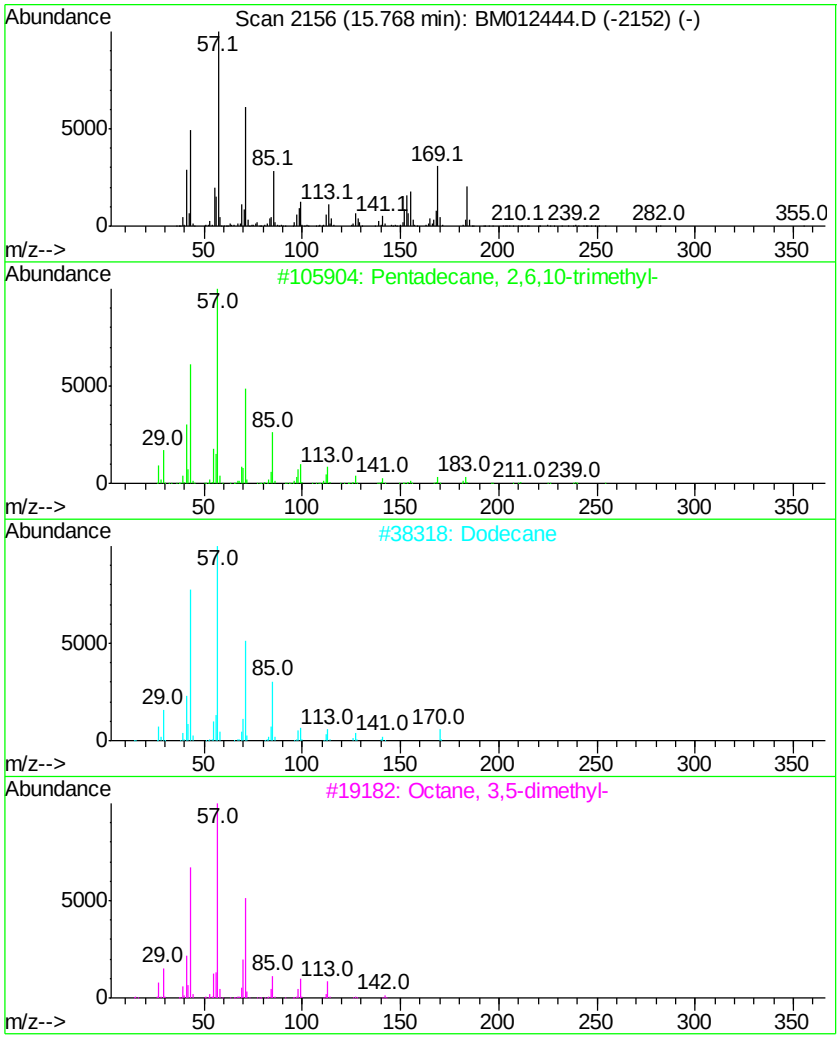
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

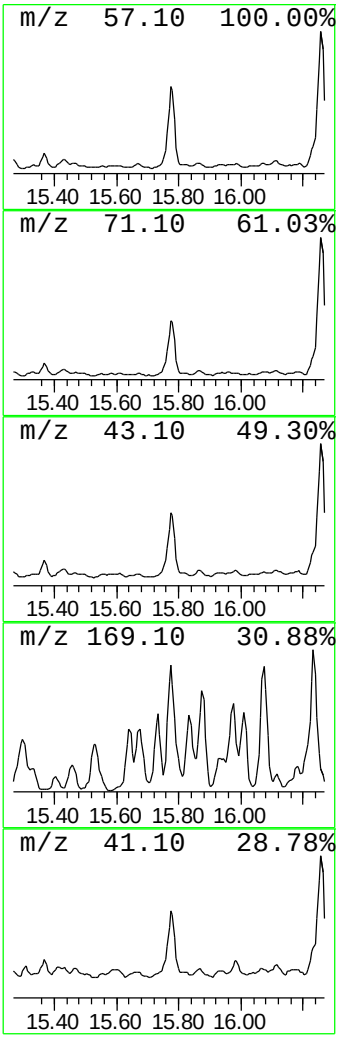
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	15.32 ng/ul	9531780	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Dodecane	170	C12H26	000112-40-3	64
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	55
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	49
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

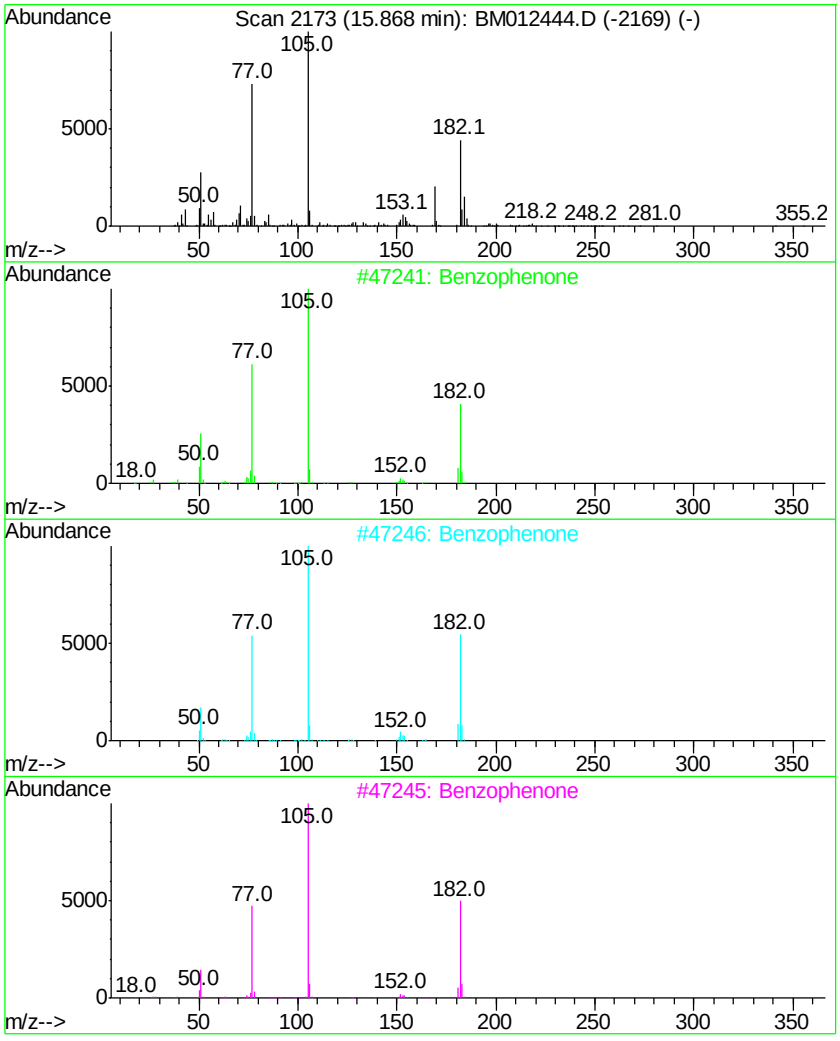
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

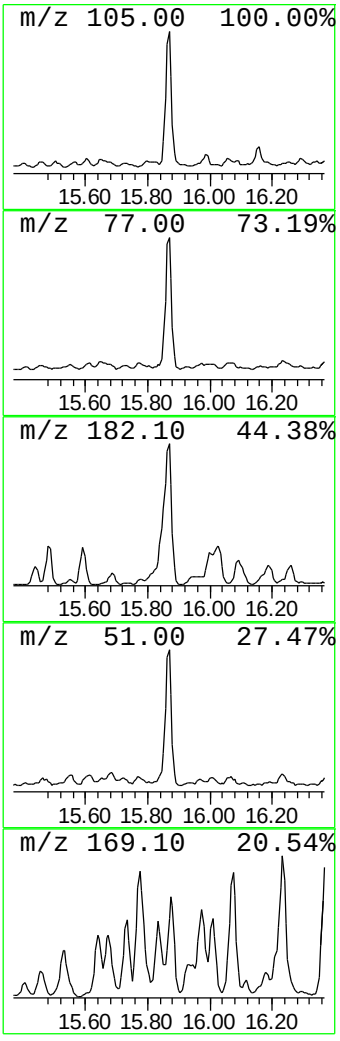
****

Peak Number 49 Benzophenone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	10.95 ng/ul	6815590	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	Benzophenone	182	C13H10O	000119-61-9	81
3	Benzophenone	182	C13H10O	000119-61-9	64
4	Benzophenone	182	C13H10O	000119-61-9	60
5	Azobenzene	182	C12H10N2	000103-33-3	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

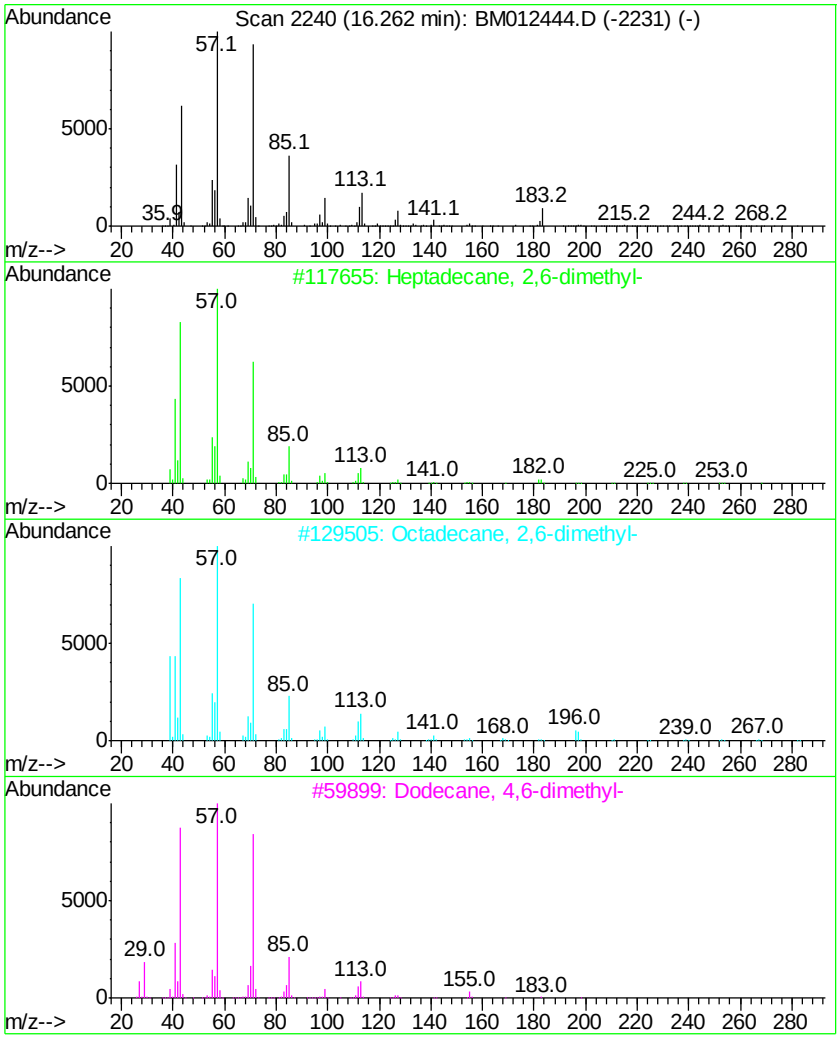
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

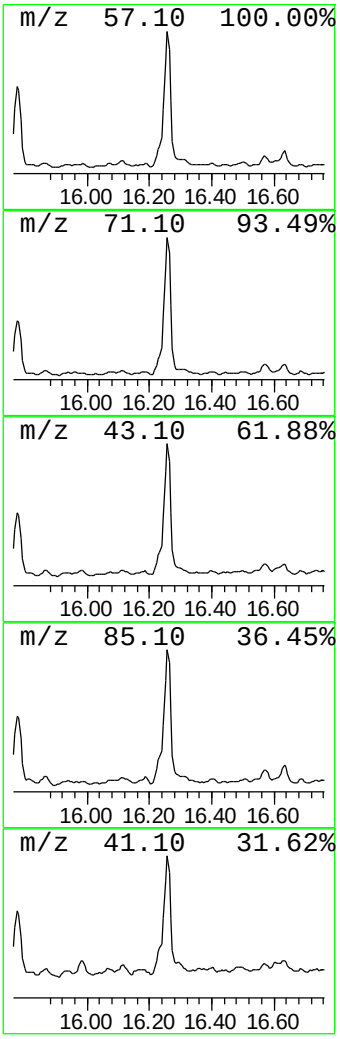
****

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	43.51 ng/ul	19742100	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	91
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

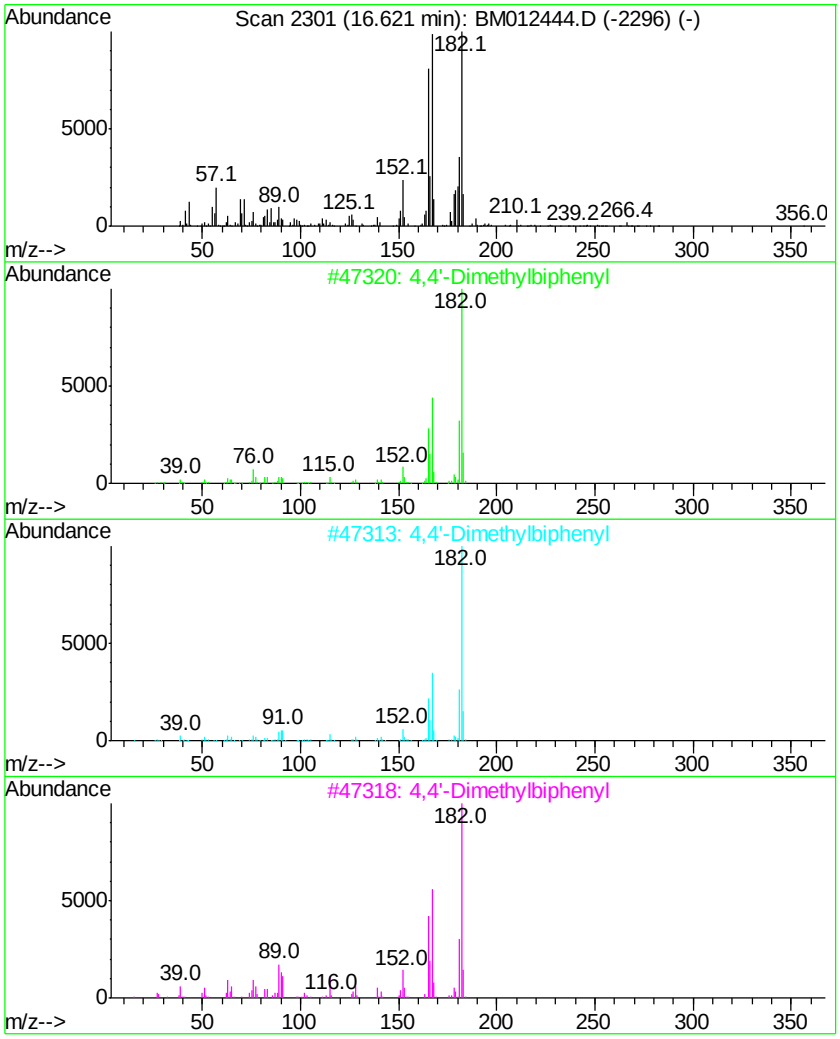
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

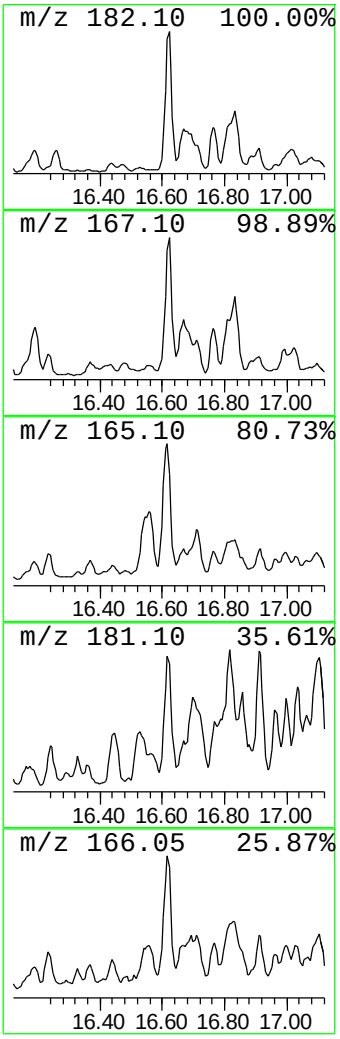
****

Peak Number 51 4,4'-Dimethylbiphenyl Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	10.32 ng/ul	4682150	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	58
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	58
5	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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

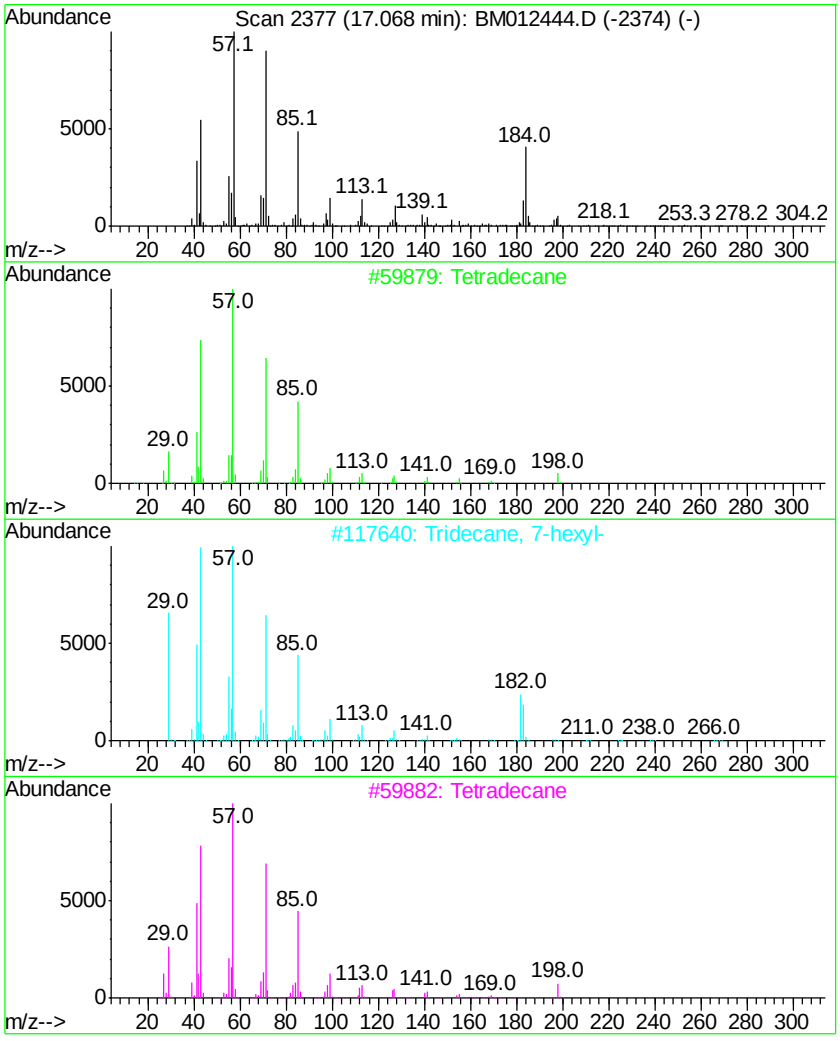
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

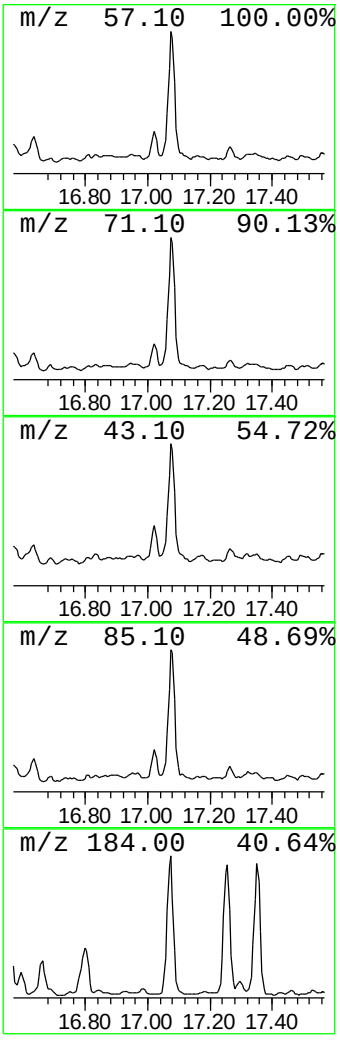
****

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	29.03 ng/ul	13170200	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3	Tetradecane	198	C14H30	000629-59-4	74
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5	Hexadecane	226	C16H34	000544-76-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102517\
Data File : BM012444.D
Acq On : 25 Oct 2017 14:16
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-34(0-1)-100617

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...	6.17	5.2	ng/ul	6235420	1	7.88	24067300	20.0
Benzene, (1-methy...	6.38	5.5	ng/ul	6662590	1	7.88	24067300	20.0
(DEL) Alkane: Str...	6.45	3.9	ng/ul	4713540	1	7.88	24067300	20.0
Cyclohexanone, 2,...	6.53	8.5	ng/ul	10270100	1	7.88	24067300	20.0
(DEL) Alkane: Str...	6.79	4.6	ng/ul	5530620	1	7.88	24067300	20.0
(DEL) Alkane: Str...	6.88	9.8	ng/ul	11782400	1	7.88	24067300	20.0
Cyclohexene, 1-bu...	7.27	3.9	ng/ul	4708200	1	7.88	24067300	20.0
Benzene, 1,2,3-tr...	7.53	8.8	ng/ul	10649500	1	7.88	24067300	20.0
Sulfurous acid, c...	7.61	3.4	ng/ul	4088810	1	7.88	24067300	20.0
Cyclobutylcarboxa...	7.72	5.6	ng/ul	6715420	1	7.88	24067300	20.0
unknown-01	7.79	4.1	ng/ul	4946210	1	7.88	24067300	20.0
(DEL) Alkane: Str...	7.96	5.8	ng/ul	6933370	1	7.88	24067300	20.0
unknown-02	8.02	5.8	ng/ul	7032330	1	7.88	24067300	20.0
unknown-03	8.08	5.3	ng/ul	6376660	1	7.88	24067300	20.0
(DEL) Alkane: Str...	8.13	11.6	ng/ul	13919600	1	7.88	24067300	20.0
Dicyclopentadiene	8.16	22.6	ng/ul	27203600	1	7.88	24067300	20.0
unknown-04	8.33	3.7	ng/ul	4437090	1	7.88	24067300	20.0
Benzene, 1,3-diet...	8.38	5.5	ng/ul	6574050	1	7.88	24067300	20.0
(DEL) Alkane: Str...	8.43	12.7	ng/ul	15235700	1	7.88	24067300	20.0
Benzene, 1,2-diet...	8.53	6.6	ng/ul	7955550	1	7.88	24067300	20.0
Naphthalene, deca...	8.72	3.8	ng/ul	4625710	1	7.88	24067300	20.0
Sulfurous acid, p...	8.77	4.1	ng/ul	4963480	1	7.88	24067300	20.0
(DEL) Alkane: Str...	9.12	3.9	ng/ul	4695320	1	7.88	24067300	20.0
(DEL) Alkane: Str...	9.47	8.9	ng/ul	5087670	2	10.67	11366600	20.0
Benzene, 1,2,4,5-...	9.51	14.6	ng/ul	8307970	2	10.67	11366600	20.0
Benzene, 1,2,3,4-...	9.57	9.8	ng/ul	5554290	2	10.67	11366600	20.0
Naphthalene, deca...	9.60	6.9	ng/ul	3911200	2	10.67	11366600	20.0
(DEL) Alkane: Cyc...	9.81	8.8	ng/ul	4977260	2	10.67	11366600	20.0
Benzene, 1-ethyl-...	10.09	22.4	ng/ul	12731200	2	10.67	11366600	20.0
(DEL) Alkane: Str...	11.71	10.5	ng/ul	5944560	2	10.67	11366600	20.0
Naphthalene, 1-me...	12.55	8.1	ng/ul	4582590	2	10.67	11366600	20.0
(DEL) Alkane: Str...	13.06	8.9	ng/ul	5523350	3	14.51	12444100	20.0
Naphthalene, 1,6-...	13.67	9.3	ng/ul	5779990	3	14.51	12444100	20.0
Naphthalene, 2,3-...	13.83	16.6	ng/ul	10307200	3	14.51	12444100	20.0
(DEL) Alkane: Str...	14.00	10.8	ng/ul	6712240	3	14.51	12444100	20.0
Naphthalene, 1,3-...	14.07	8.3	ng/ul	5170900	3	14.51	12444100	20.0
unknown-05	14.35	7.1	ng/ul	4397260	3	14.51	12444100	20.0
Naphthalene, 1,4,...	14.91	13.3	ng/ul	8286430	3	14.51	12444100	20.0
Naphthalene, 2,3,...	14.99	10.7	ng/ul	6644230	3	14.51	12444100	20.0
unknown-06	15.04	7.0	ng/ul	4360110	3	14.51	12444100	20.0
Naphthalene, 1,6,...	15.18	8.3	ng/ul	5170880	3	14.51	12444100	20.0
(DEL) Alkane: Str...	15.77	15.3	ng/ul	9531780	3	14.51	12444100	20.0
Benzophenone	15.87	10.9	ng/ul	6815590	3	14.51	12444100	20.0
(DEL) Alkane: Str...	16.26	43.5	ng/ul	19742100	4	17.26	9074980	20.0
4,4'-Dimethylbiph...	16.62	10.3	ng/ul	4682150	4	17.26	9074980	20.0
(DEL) Alkane: Str...	17.07	29.0	ng/ul	13170200	4	17.26	9074980	20.0