LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029376.D
Acq On : 07 Apr 2021 18:22
Operator : CG/JU
Sample : M1870-03
Misc : GCMS CONFIRMATION
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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	2.952	8	11	16	rVB	123333	129617	5.88%	1.352%
2	3.028	21	24	27	rVV	33168	37869	1.72%	0.395%
3	3.058	27	29	31	rVV	14708	14858	0.67%	0.155%
4	3.081	31	33	35	rVV	21890	21309	0.97%	0.222%
5	3.122	35	40	44	rVB	2176564	2206058	100.00%	23.013%
6	3.422	87	91	92	rBV	6072	6875	0.31%	0.072%
7	3.452	92	96	103	rVB	60110	69569	3.15%	0.726%
8	3.922	171	176	180	rVB2	12024	15424	0.70%	0.161%
9	4.363	246	251	256	rVB4	3356	5342	0.24%	0.056%
10	7.693	810	817	829	rBV	421453	690855	31.32%	7.207%
11	10.469	1280	1289	1301	rBV	525555	882242	39.99%	9.203%
12	13.110	1733	1738	1742	rBV3	5443	8370	0.38%	0.087%
13	14.327	1937	1945	1952	rBV	725664	1068491	48.43%	11.146%
14	16.604	2329	2332	2336	rBV5	5017	6180	0.28%	0.064%
15	16.857	2371	2375	2378	rBV5	4551	6399	0.29%	0.067%
16	16.951	2387	2391	2395	rBV7	5349	6984	0.32%	0.073%
17	17.068	2404	2411	2416	rBV	824946	1169086	52.99%	12.196%
18	17.104	2416	2417	2423	rVB	29346	31853	1.44%	0.332%
19	17.251	2436	2442	2445	rBV4	14099	20155	0.91%	0.210%
20	17.674	2507	2514	2518	rBV	46111	72370	3.28%	0.755%
21	17.786	2530	2533	2537	rBV5	8210	10757	0.49%	0.112%
22	17.921	2553	2556	2561	rBV6	8587	12421	0.56%	0.130%
23	17.974	2561	2565	2574	rVB10	12891	26225	1.19%	0.274%
24	18.139	2588	2593	2597	rBV2	32963	44277	2.01%	0.462%
25	18.198	2600	2603	2607	rVB2	19815	23395	1.06%	0.244%
26	18.239	2607	2610	2614	rBV6	10857	13430	0.61%	0.140%
27	18.421	2637	2641	2647	rBV4	25878	37594	1.70%	0.392%
28	18.468	2647	2649	2653	rVV5	7663	9704	0.44%	0.101%
29	18.527	2655	2659	2663	rVV7	4317	7861	0.36%	0.082%
30	18.562	2663	2665	2669	rVV3	7107	10328	0.47%	0.108%
31	18.604	2669	2672	2677	rVB4	15127	19021	0.86%	0.198%
32	18.910	2721	2724	2728	rVB5	9201	11599	0.53%	0.121%
33	18.962	2729	2733	2734	rVV3	11811	15129	0.69%	0.158%
34	18.992	2734	2738	2743	rVB4	43712	70100	3.18%	0.731%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1870-03
Misc : GCMS CONFIRMATION
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

35	19.121	2756	2760	2765	rBV	36630	51834	2.35%	0.541%
36	19.209	2771	2775	2778	rBV6	8186	13735	0.62%	0.143%
37	19.274	2781	2786	2790	rVV2	43884	58272	2.64%	0.608%
38	19.333	2793	2796	2799	rVB5	6530	7068	0.32%	0.074%
39	19.451	2813	2816	2818	rBV4	6766	8252	0.37%	0.086%
40	19.486	2819	2822	2827	rVB	13568	17802	0.81%	0.186%
41	19.615	2841	2844	2848	rVB6	7723	9695	0.44%	0.101%
42	19.715	2855	2861	2867	rVB6	27704	48468	2.20%	0.506%
43	19.839	2879	2882	2886	rVB5	22457	25276	1.15%	0.264%
44	19.892	2886	2891	2894	rBV7	7490	13635	0.62%	0.142%
45	19.980	2901	2906	2911	rBV4	82702	101504	4.60%	1.059%
46	20.027	2911	2914	2919	rVV7	12987	17715	0.80%	0.185%
47	20.180	2936	2940	2943	rBV6	10804	14263	0.65%	0.149%
48	20.256	2949	2953	2958	rBV3	97049	113555	5.15%	1.185%
49	20.309	2959	2962	2965	rBV4	25557	27562	1.25%	0.288%
50	20.415	2976	2980	2985	rVB8	25150	38389	1.74%	0.400%
51	20.574	3000	3007	3012	rBV5	63915	117215	5.31%	1.223%
52	20.721	3029	3032	3036	rBV3	33421	37081	1.68%	0.387%
53	20.780	3040	3042	3047	rVV5	17950	20243	0.92%	0.211%
54	20.986	3074	3077	3081	rVB5	30749	40752	1.85%	0.425%
55	21.239	3115	3120	3124	rBV	767728	995809	45.14%	10.388%
56	21.274	3124	3126	3131	rVB3	90110	98532	4.47%	1.028%
57	23.450	3490	3496	3505	rVB2	496887	927550	42.05%	9.676%

Sum of corrected areas: 9585954

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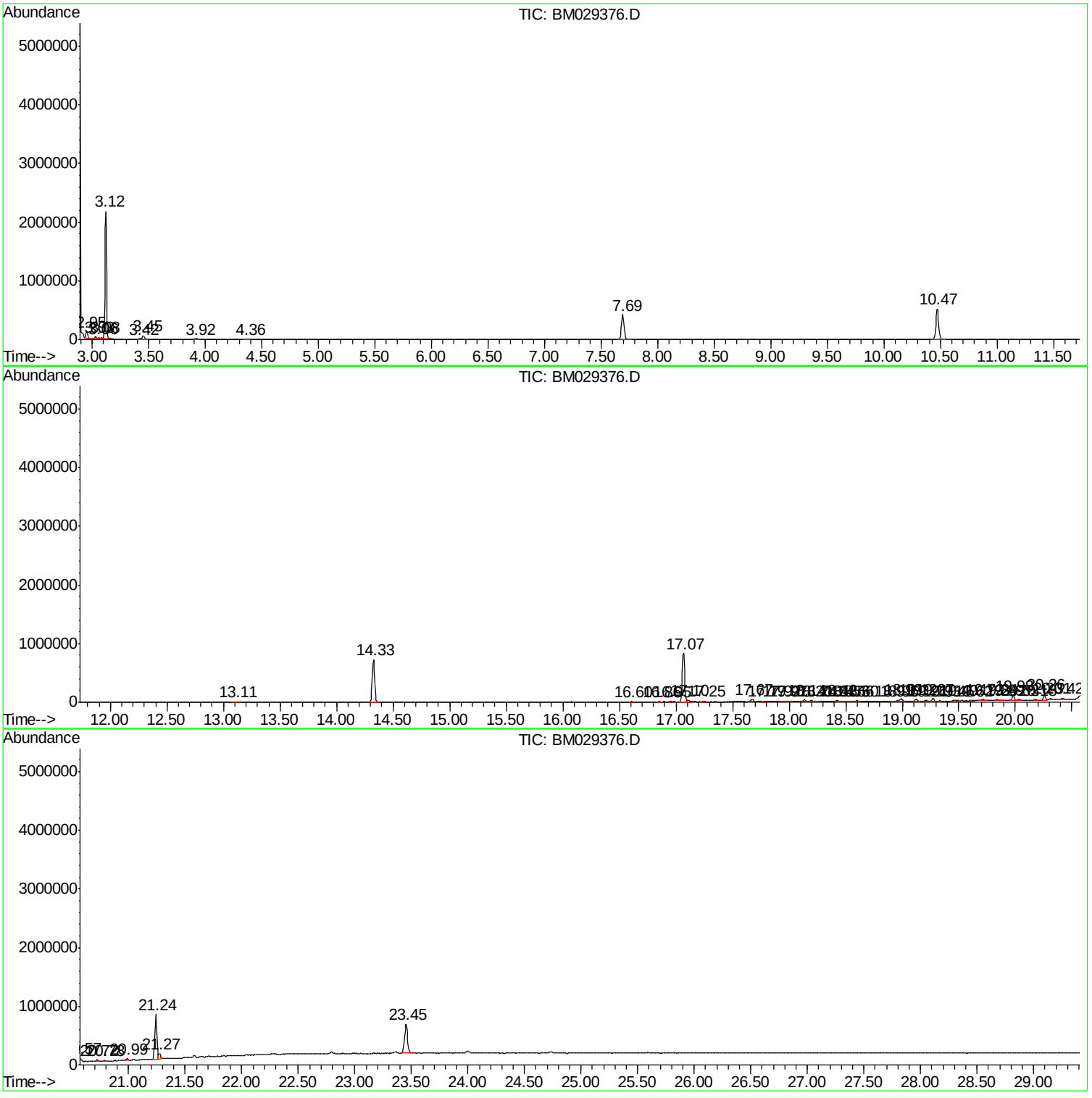
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Operator : CG/JU
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Misc : GCMS CONFIRMATION
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Instrument : BNA_M
ClientSampleId : C0AZ0

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Quant Title : SVOA CALIBRATION

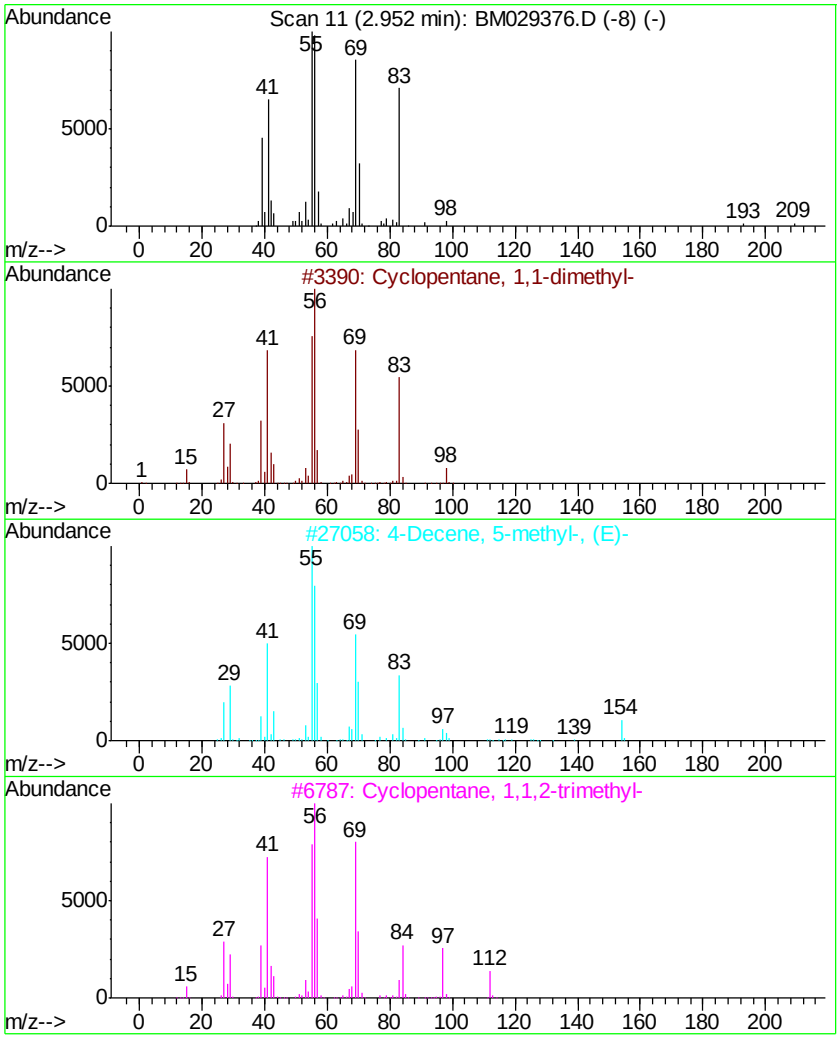
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

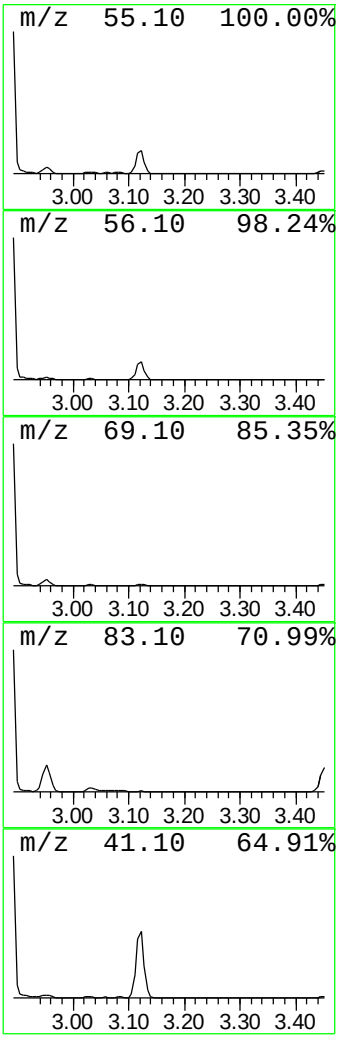
****

Peak Number 1 (DEL) Alkane: Cyclic2.95 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	3.75 ng/ul	129617	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	72
2	4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	53
3	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	53
4	3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	50
5	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	47





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Acq On : 07 Apr 2021 18:22
Operator : CG/JU
Sample : M1870-03
Misc : GCMS CONFIRMATION
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ0

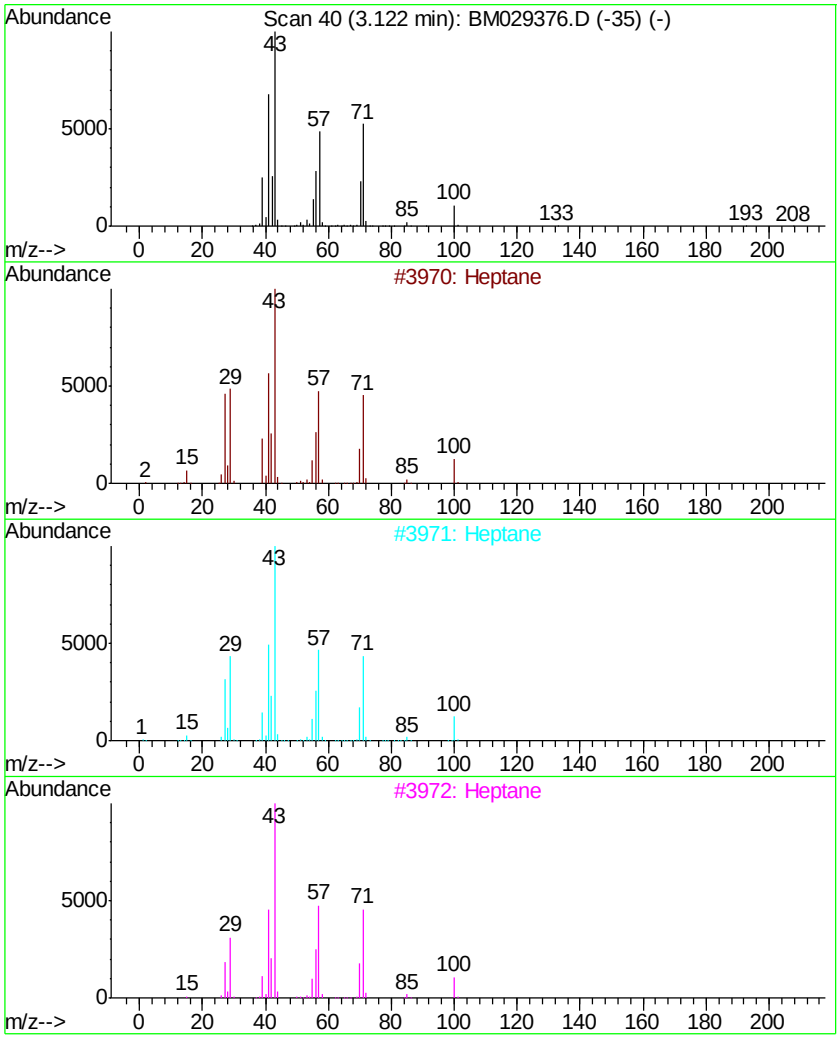
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

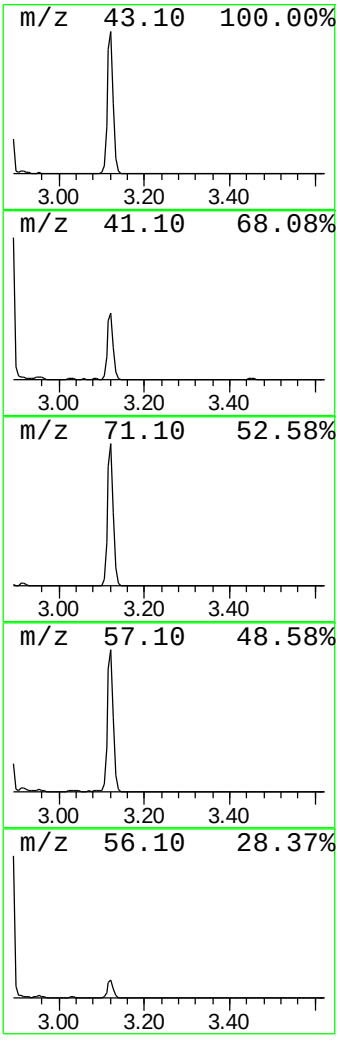
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	63.86 ng/ul	2206060	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	83
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
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Operator : CG/JU
Sample : M1870-03
Misc : GCMS CONFIRMATION
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

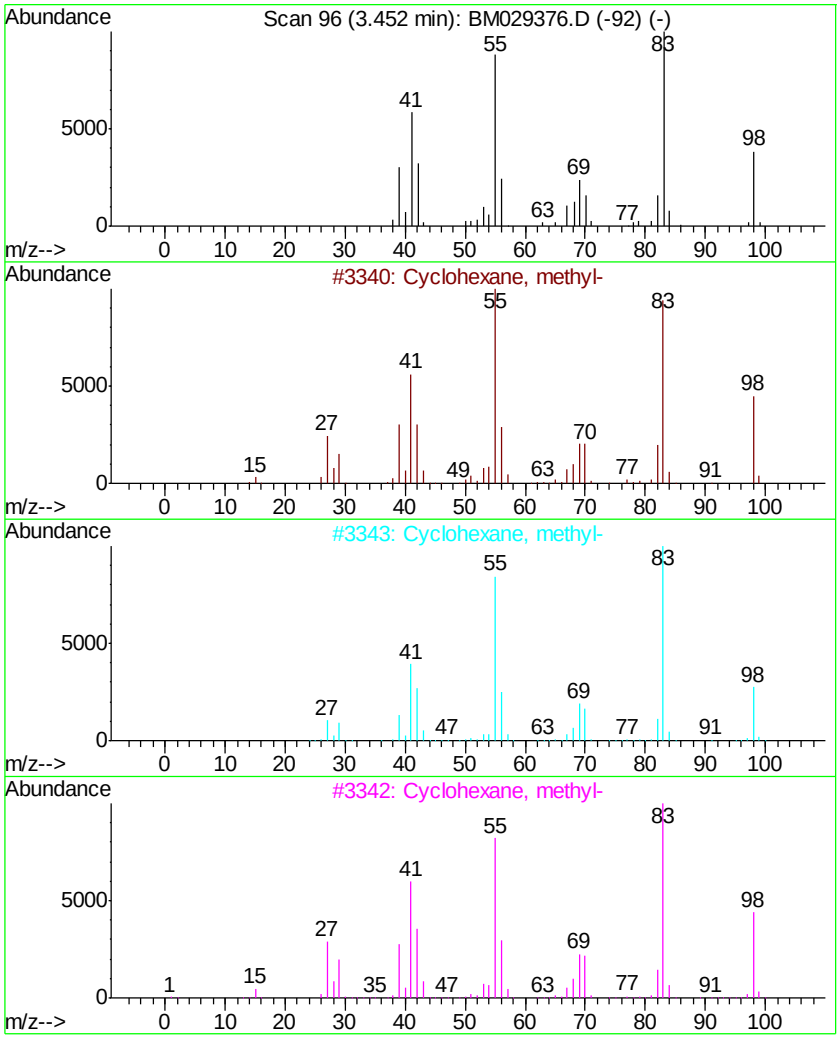
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

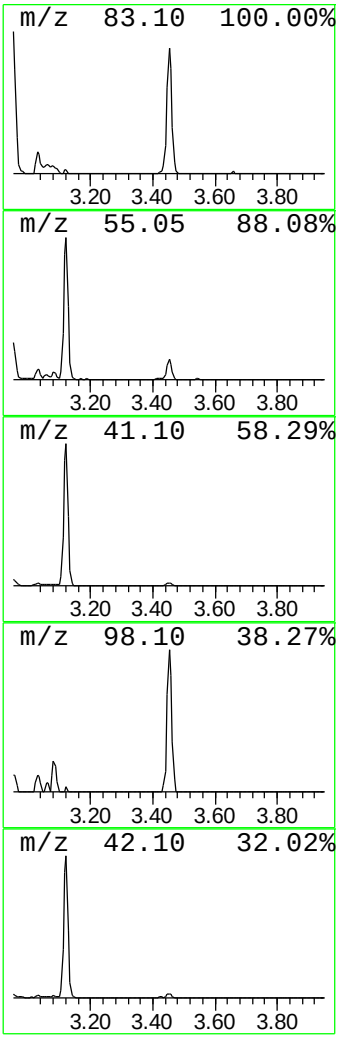
****

Peak Number 3 (DEL) Alkane: Cyclic3.45 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	2.01 ng/ul	69569	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	87
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
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Acq On : 07 Apr 2021 18:22
Operator : CG/JU
Sample : M1870-03
Misc : GCMS CONFIRMATION
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

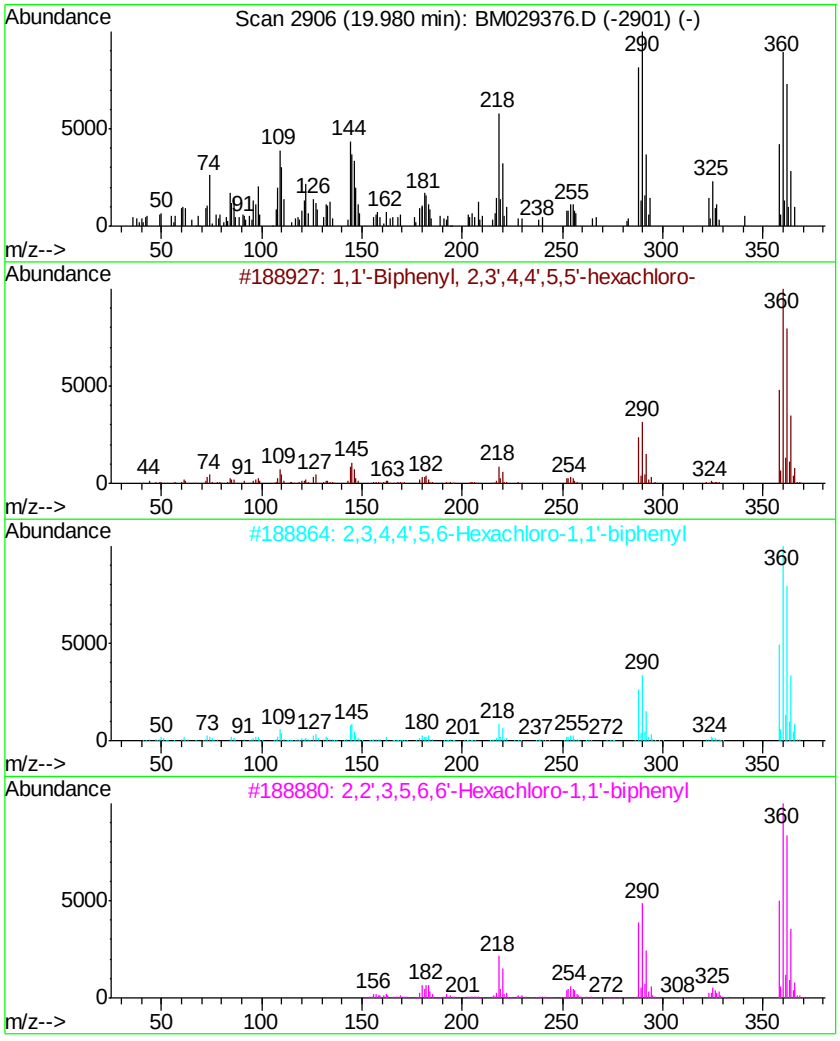
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

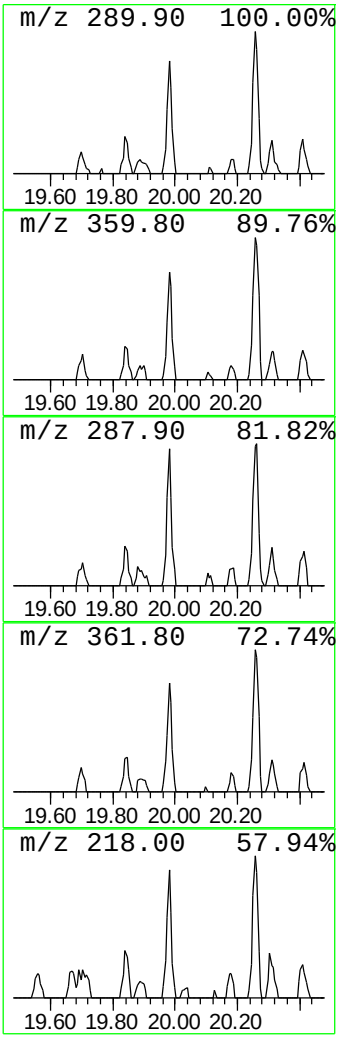
****

Peak Number 4 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	2.04 ng/ul	101504	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

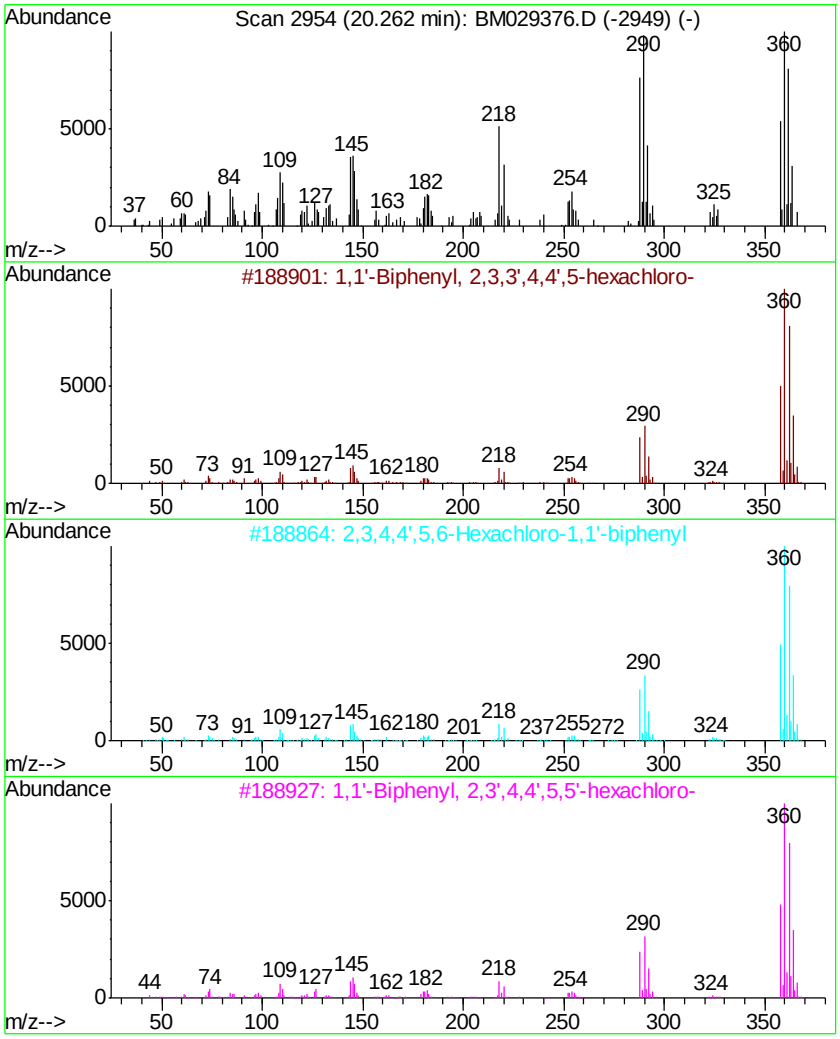
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

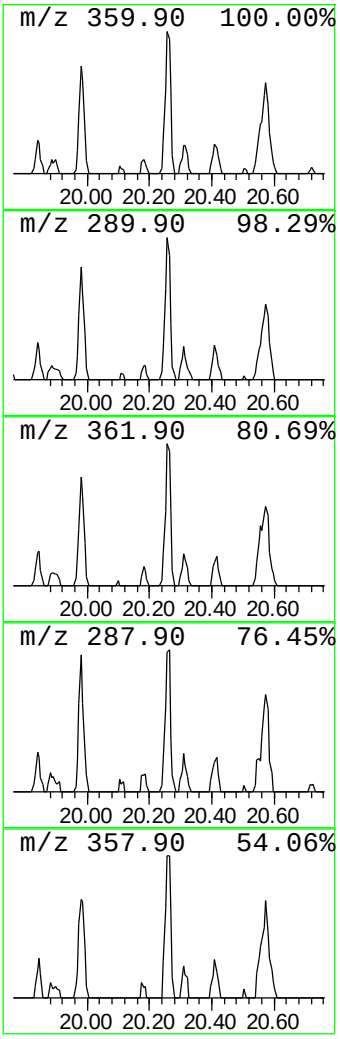
****

Peak Number 5 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.28 ng/ul	113555	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	98





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Quant Title : SVOA CALIBRATION

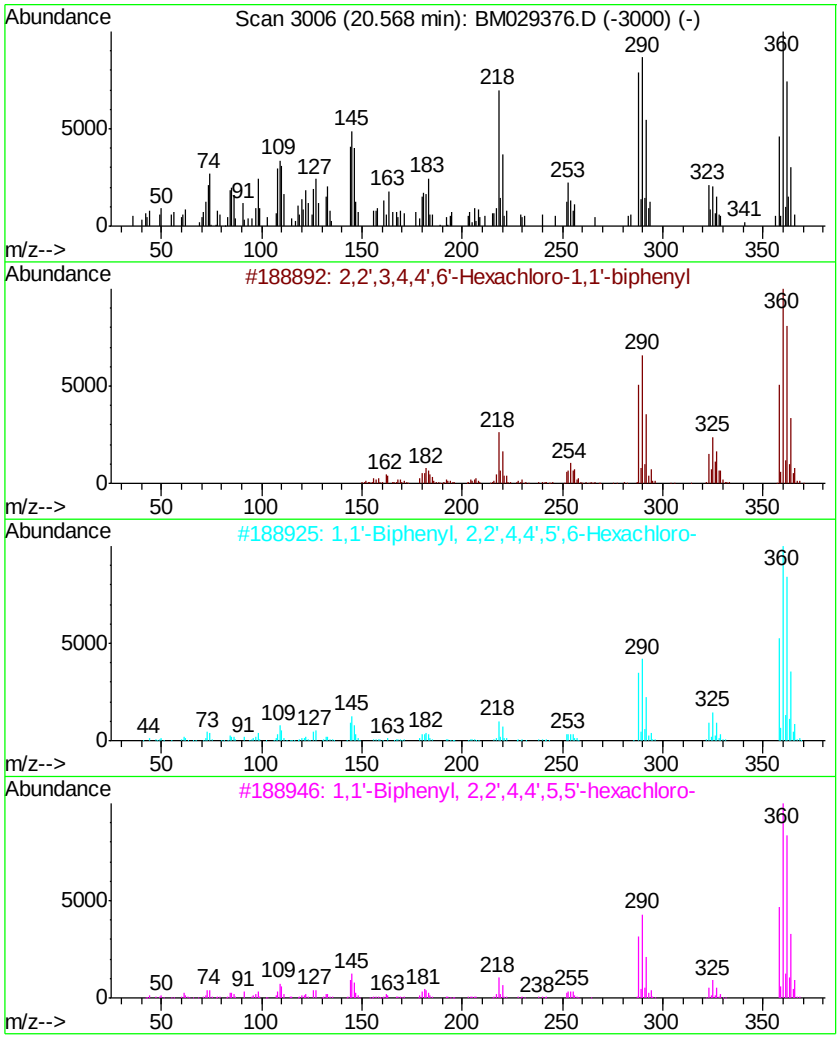
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

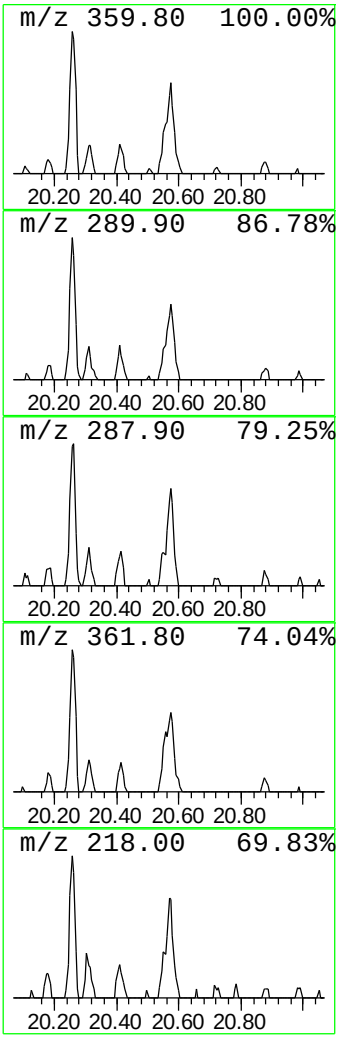
****

Peak Number 6 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	2.35 ng/ul	117215	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
2	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





Tentatively Identified Compound (LSC) summary

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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...	2.95	3.8	ng/ul	129617	1	7.69	690855	20.0
(DEL) Alkane: Str...	3.12	63.9	ng/ul	2206060	1	7.69	690855	20.0
(DEL) Alkane: Cyc...	3.45	2.0	ng/ul	69569	1	7.69	690855	20.0
1,1'-Biphenyl, 2,...	19.98	2.0	ng/ul	101504	5	21.24	995809	20.0
1,1'-Biphenyl, 2,...	20.26	2.3	ng/ul	113555	5	21.24	995809	20.0
2,2',3,4,4',6'-He...	20.57	2.4	ng/ul	117215	5	21.24	995809	20.0