

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029381.D
 Acq On : 07 Apr 2021 21:26
 Operator : CG/JU
 Sample : M1870-21
 Misc : GCMS CONFIRMATION
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B06

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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	18	rVB	143873	153849	5.76%	1.379%
2	3.028	21	24	27	rVV	39764	43214	1.62%	0.387%
3	3.058	27	29	31	rVV2	19330	18523	0.69%	0.166%
4	3.081	31	33	35	rVV	28049	26032	0.97%	0.233%
5	3.123	35	40	44	rVB	2599239	2673175	100.00%	23.955%
6	3.452	92	96	101	rVB	76379	88289	3.30%	0.791%
7	3.917	171	175	182	rBV	12703	19142	0.72%	0.172%
8	7.687	809	816	830	rBV	493584	796406	29.79%	7.137%
9	10.334	1262	1266	1271	rBV5	4955	7791	0.29%	0.070%
10	10.469	1282	1289	1303	rVB	605147	1017327	38.06%	9.117%
11	14.328	1938	1945	1952	rBV	840169	1233071	46.13%	11.050%
12	16.857	2370	2375	2379	rVB6	3088	5554	0.21%	0.050%
13	17.063	2403	2410	2416	rBV	960272	1385896	51.84%	12.419%
14	17.104	2416	2417	2422	rVB	30014	31919	1.19%	0.286%
15	17.669	2509	2513	2518	rVB7	3739	7408	0.28%	0.066%
16	18.139	2589	2593	2597	rBV6	9238	9985	0.37%	0.089%
17	18.986	2730	2737	2743	rBV5	41483	60217	2.25%	0.540%
18	19.122	2756	2760	2767	rVB	37814	51081	1.91%	0.458%
19	19.274	2779	2786	2792	rBV3	51365	68856	2.58%	0.617%
20	19.404	2804	2808	2811	rBV4	13265	14609	0.55%	0.131%
21	19.457	2814	2817	2818	rBV2	7389	7749	0.29%	0.069%
22	19.486	2818	2822	2825	rVV	24964	31513	1.18%	0.282%
23	19.516	2825	2827	2831	rVV5	6390	7323	0.27%	0.066%
24	19.716	2854	2861	2867	rVB8	26129	55288	2.07%	0.495%
25	19.839	2879	2882	2887	rVB6	31286	32346	1.21%	0.290%
26	19.886	2887	2890	2897	rBV9	10149	19588	0.73%	0.176%
27	19.980	2902	2906	2910	rVV	100390	118178	4.42%	1.059%
28	20.021	2910	2913	2917	rVB5	10515	15543	0.58%	0.139%
29	20.257	2949	2953	2958	rBV2	124596	154622	5.78%	1.386%
30	20.310	2959	2962	2966	rVV5	28985	37822	1.41%	0.339%
31	20.410	2976	2979	2983	rBV5	28702	41484	1.55%	0.372%
32	20.510	2993	2996	2999	rBV4	20791	23423	0.88%	0.210%
33	20.568	3000	3006	3014	rVV2	81185	156873	5.87%	1.406%
34	20.721	3028	3032	3035	rBV5	47742	54078	2.02%	0.485%

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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

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35	20.780	3040	3042	3046	rVB4	25817	28342	1.06%	0.254%
36	20.986	3074	3077	3082	rVB7	44924	60485	2.26%	0.542%
37	21.039	3084	3086	3090	rVB4	22990	28365	1.06%	0.254%
38	21.239	3115	3120	3124	rBV	988762	1260124	47.14%	11.292%
39	21.274	3124	3126	3132	rVB4	126263	138524	5.18%	1.241%
40	21.580	3175	3178	3182	rVB5	44369	58905	2.20%	0.528%
41	23.451	3490	3496	3505	rVB2	606675	1116162	41.75%	10.002%

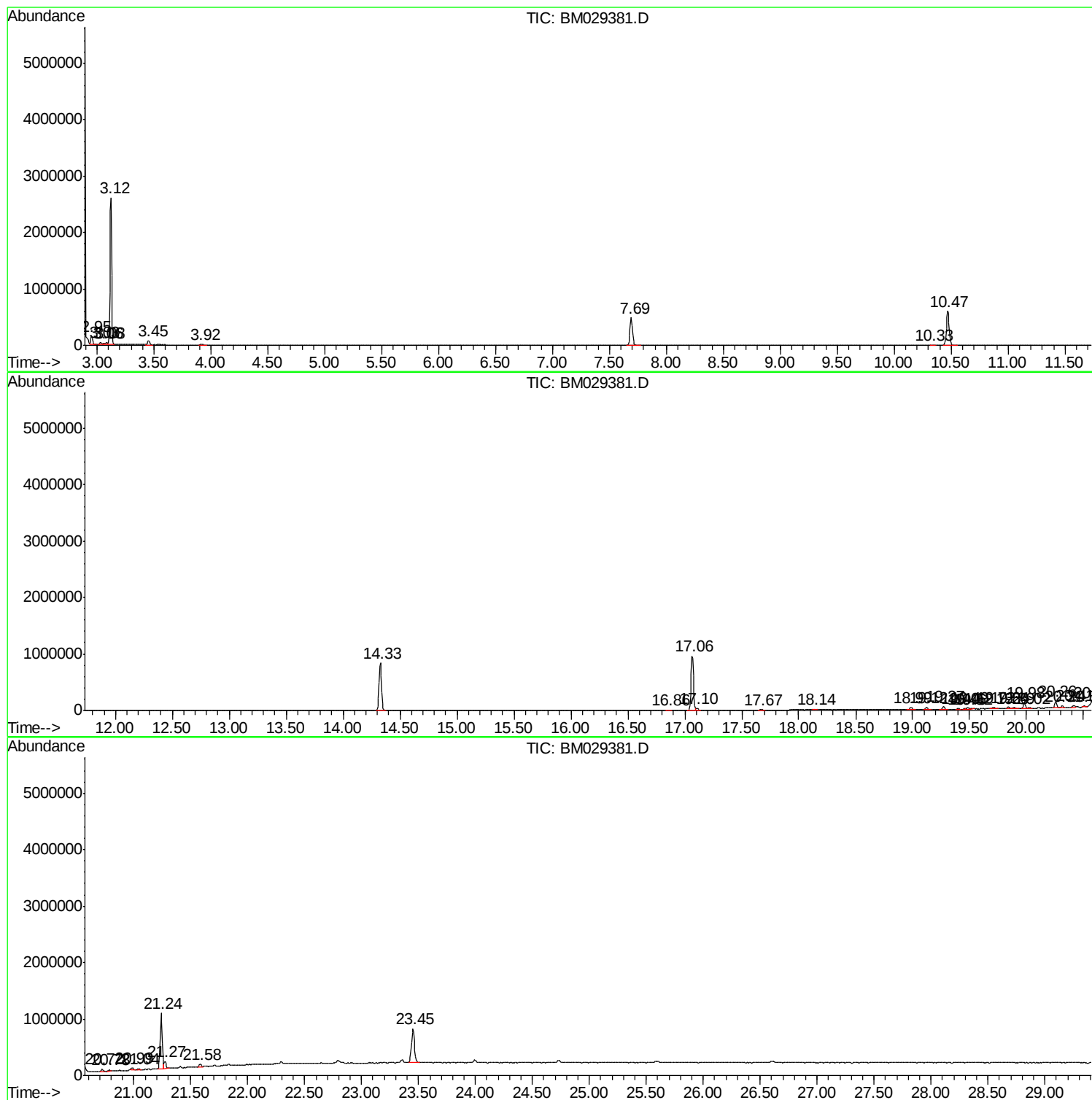
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



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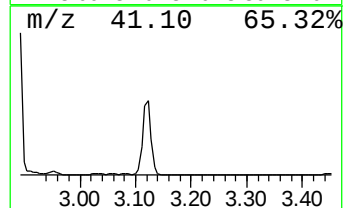
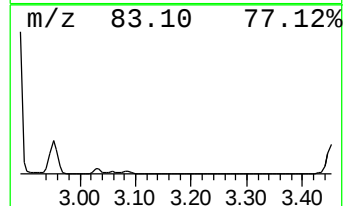
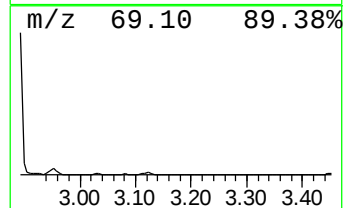
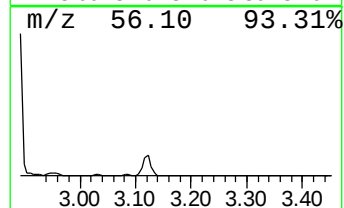
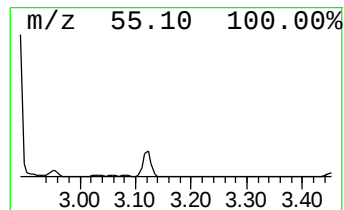
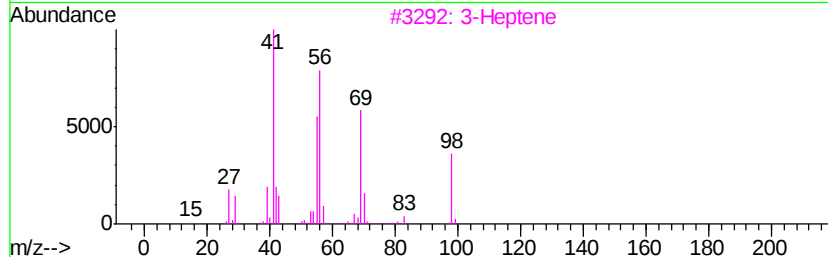
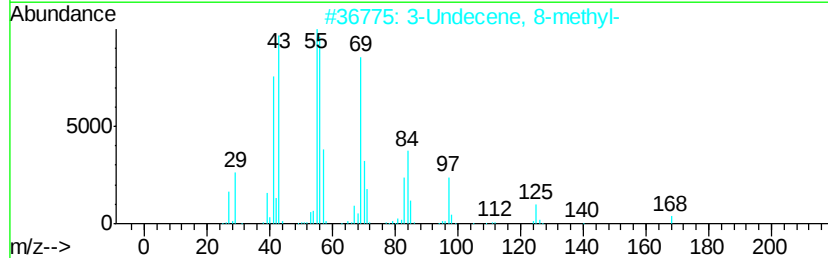
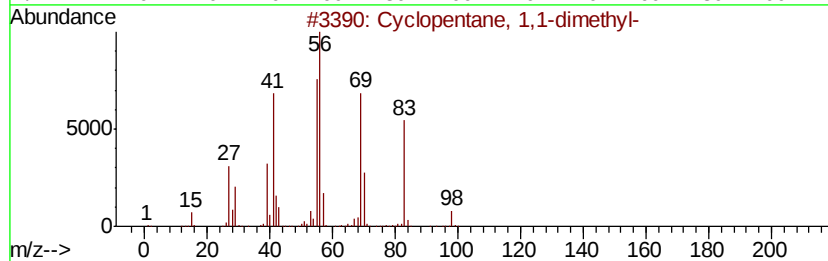
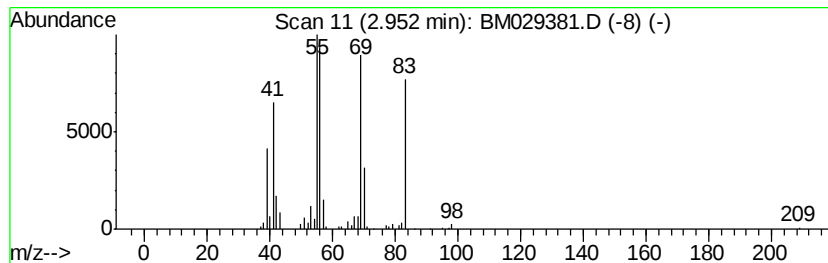
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Quant Title : SVOA CALIBRATION

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	3.86 ng/ul	153849	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	59
2			3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	47
3			3-Heptene	98	C7H14	000592-78-9	47
4			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
5			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38



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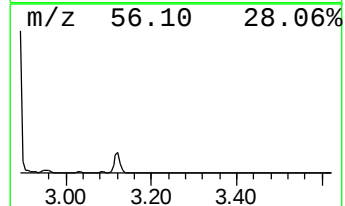
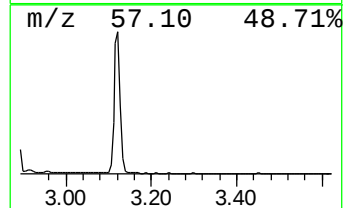
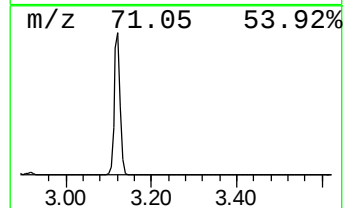
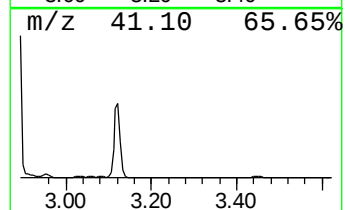
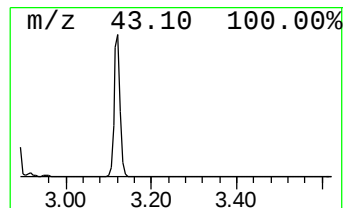
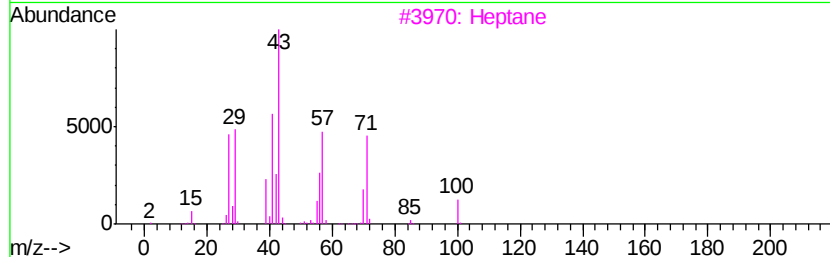
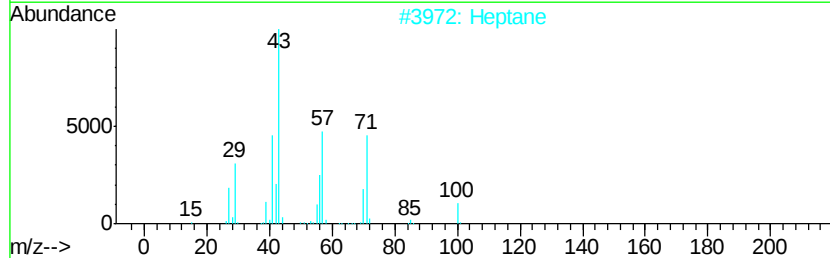
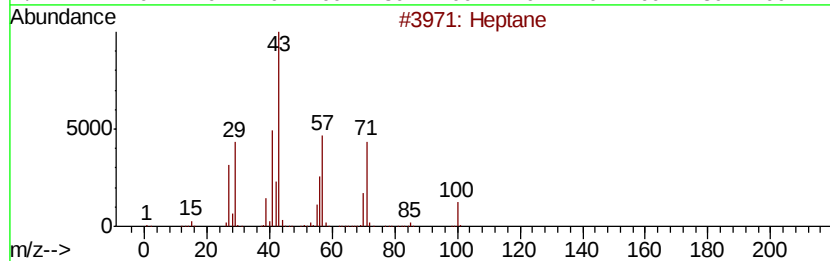
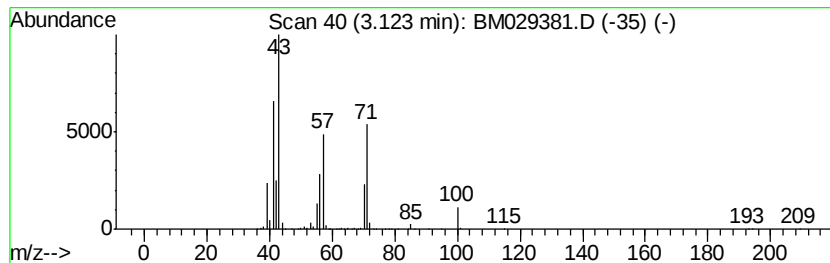
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	67.13 ng/ul	2673180	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	94
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, 2,3-dimethyl-	114	C8H18	000584-94-1	40



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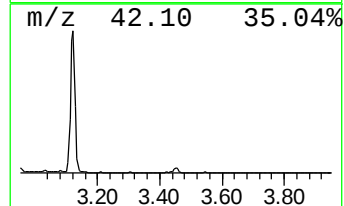
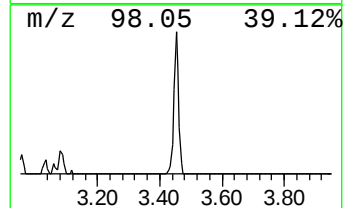
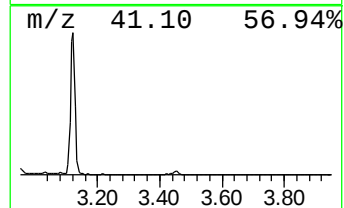
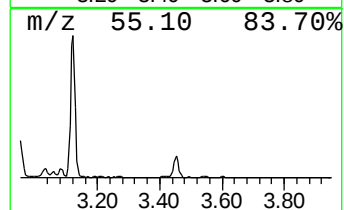
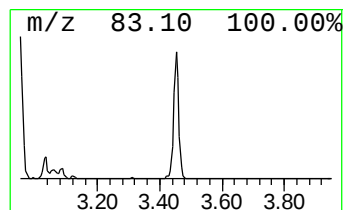
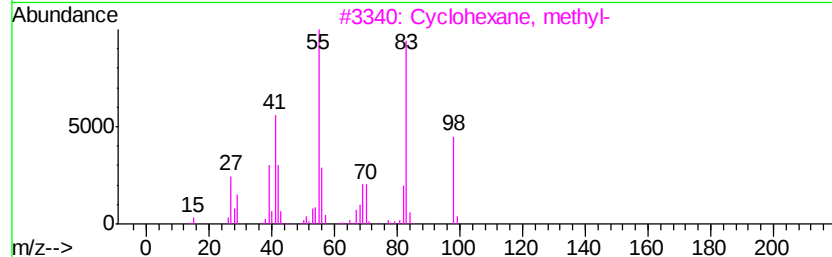
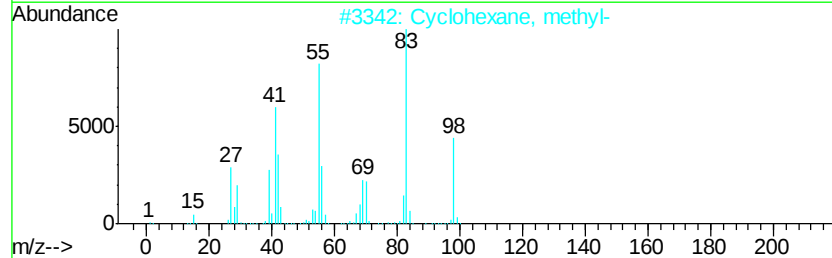
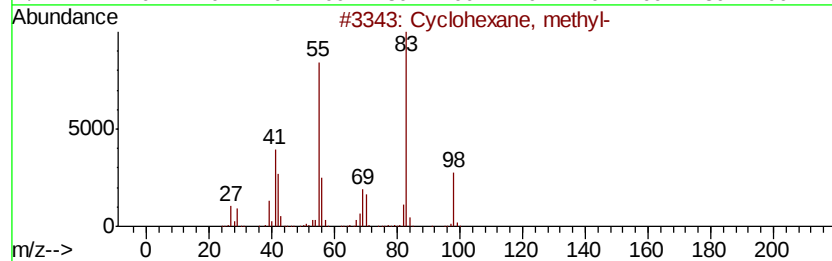
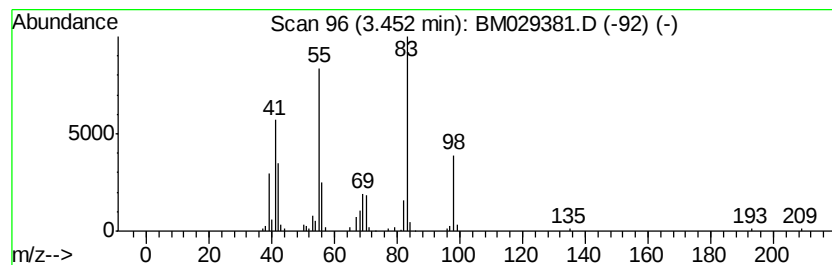
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic3.45 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	2.22 ng/ul	88289	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, methyl-	98	C7H14	000108-87-2	95
2		Cyclohexane, methyl-	98	C7H14	000108-87-2	94
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	94
4		Cyclohexane, methyl-	98	C7H14	000108-87-2	72
5		1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	72



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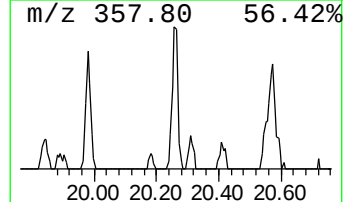
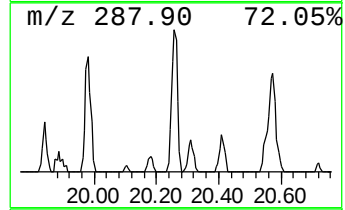
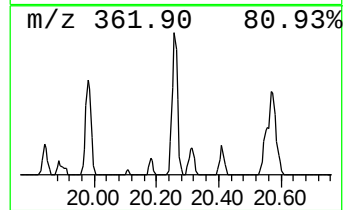
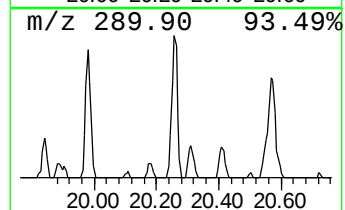
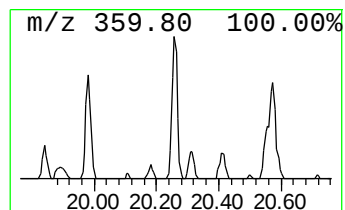
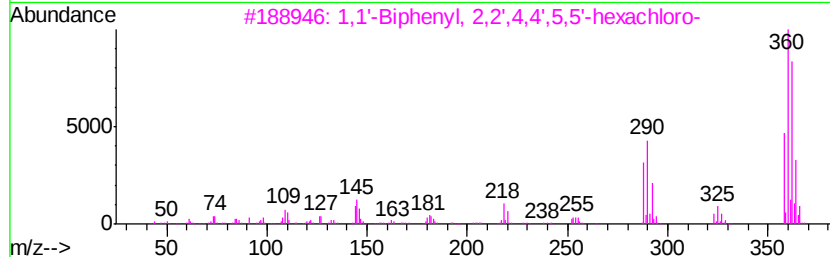
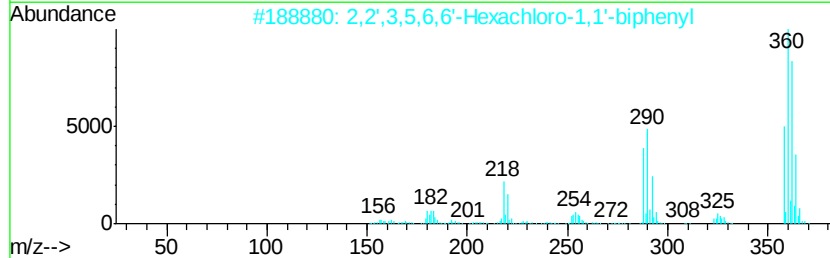
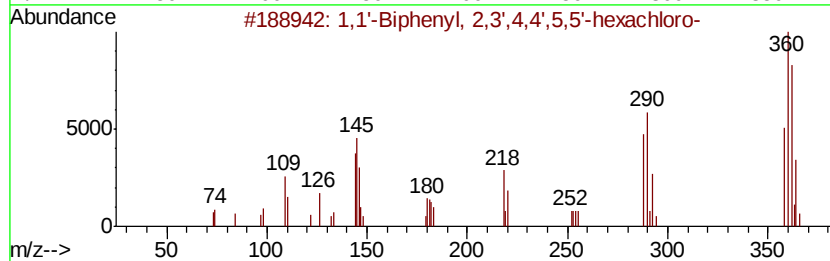
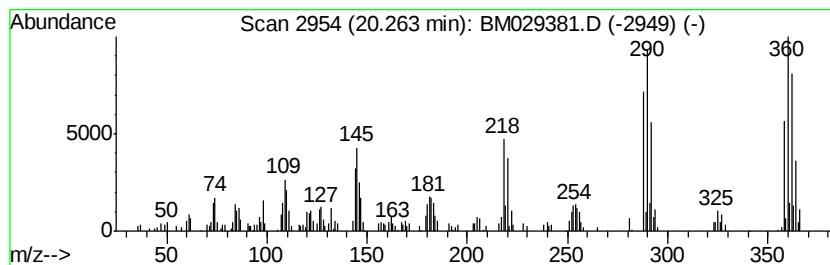
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Peak Number 4 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.45 ng/ul	154622	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2		2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
3		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4		2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
5		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99



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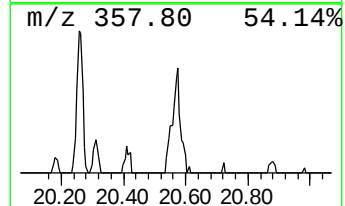
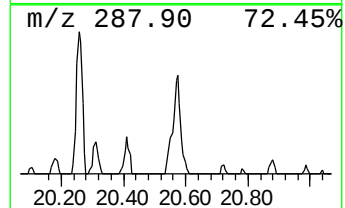
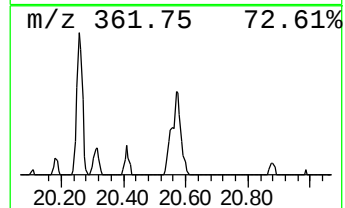
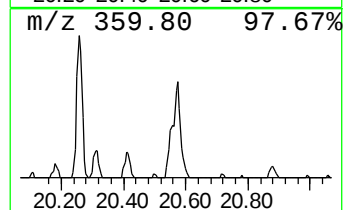
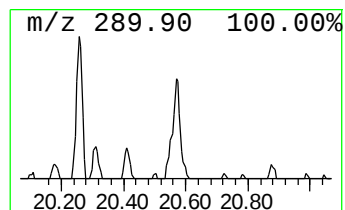
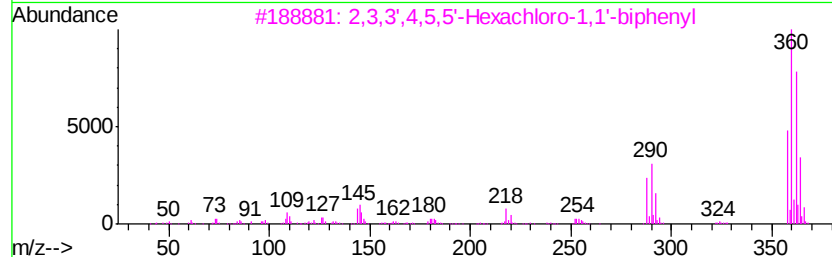
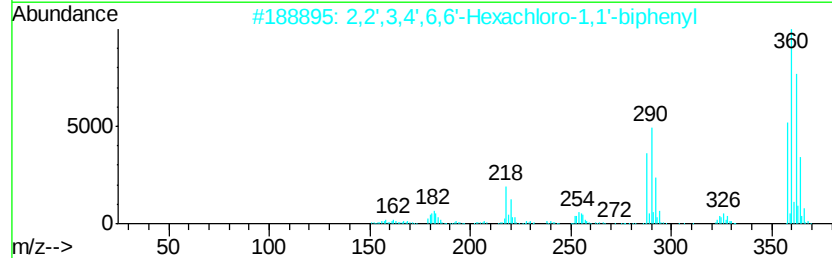
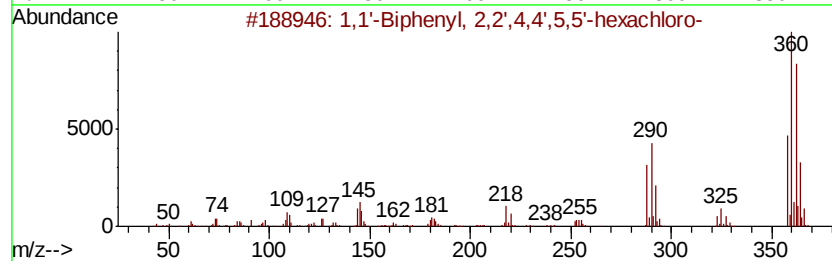
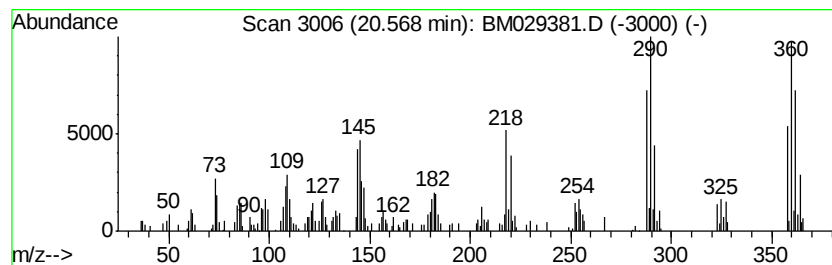
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	2.49 ng/ul	156873	Chrysene-d12	21.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
2	2,2',3,4',6,6'	-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
3	2,3,3',4,5,5'	-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4	2,3,3',4,5',6	-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	1,1'	-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040721\
Data File : BM029381.D
Acq On : 07 Apr 2021 21:26
Operator : CG/JU
Sample : M1870-21
Misc : GCMS CONFIRMATION
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B06

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.95	3.9	ng/ul	153849	1	7.69	796406	20.0
(DEL) Alkane: Str...	3.12	67.1	ng/ul	2673180	1	7.69	796406	20.0
(DEL) Alkane: Cyc...	3.45	2.2	ng/ul	88289	1	7.69	796406	20.0
1,1'-Biphenyl, 2,...	20.26	2.5	ng/ul	154622	5	21.24	1260120	20.0
1,1'-Biphenyl, 2,...	20.57	2.5	ng/ul	156873	5	21.24	1260120	20.0