

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029385.D
 Acq On : 07 Apr 2021 23:52
 Operator : CG/JU
 Sample : M1893-02
 Misc : GCMS CONFIRMATION
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW1E2

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	15	rVB	150073	157968	5.35%	1.472%
2	3.028	21	24	27	rBV	44584	44412	1.51%	0.414%
3	3.057	27	29	31	rVV2	19691	18167	0.62%	0.169%
4	3.081	31	33	35	rVV	31365	26471	0.90%	0.247%
5	3.116	35	39	44	rVB	2894564	2950808	100.00%	27.493%
6	3.422	88	91	92	rBV2	5233	5149	0.17%	0.048%
7	3.451	92	96	100	rVB	79664	93491	3.17%	0.871%
8	3.540	107	111	117	rBV7	8088	10533	0.36%	0.098%
9	3.916	171	175	181	rVB	10263	12722	0.43%	0.119%
10	7.687	810	816	830	rBV	484039	770518	26.11%	7.179%
11	10.469	1282	1289	1300	rBV	599655	992873	33.65%	9.251%
12	14.327	1938	1945	1952	rBV	846243	1257605	42.62%	11.717%
13	14.457	1963	1967	1971	rBV3	2495	3193	0.11%	0.030%
14	15.580	2151	2158	2168	rBV	50105	66197	2.24%	0.617%
15	16.192	2258	2262	2266	rBV2	9355	11373	0.39%	0.106%
16	16.304	2276	2281	2287	rVB2	54761	73886	2.50%	0.688%
17	16.604	2327	2332	2336	rBV	15797	18707	0.63%	0.174%
18	16.851	2371	2374	2377	rBV2	3713	3564	0.12%	0.033%
19	16.945	2386	2390	2394	rBV	105648	146145	4.95%	1.362%
20	16.986	2394	2397	2403	rVB	29073	34972	1.19%	0.326%
21	17.062	2403	2410	2423	rBV	1012228	1433897	48.59%	13.360%
22	17.162	2423	2427	2431	rVV2	3339	4958	0.17%	0.046%
23	17.239	2435	2440	2446	rVB2	56118	79655	2.70%	0.742%
24	17.521	2484	2488	2491	rBV3	5592	6054	0.21%	0.056%
25	17.662	2506	2512	2519	rBV3	53084	103620	3.51%	0.965%
26	17.792	2529	2534	2542	rBV3	25564	39967	1.35%	0.372%
27	17.915	2551	2555	2558	rBV3	12713	15907	0.54%	0.148%
28	17.968	2560	2564	2569	rBV5	13266	19630	0.67%	0.183%
29	18.139	2588	2593	2598	rVB3	25518	33366	1.13%	0.311%
30	18.198	2598	2603	2607	rVV5	12629	15919	0.54%	0.148%
31	18.239	2607	2610	2614	rVB4	8250	8862	0.30%	0.083%
32	18.421	2637	2641	2646	rBV3	24740	31481	1.07%	0.293%
33	18.468	2646	2649	2654	rVB5	6157	8439	0.29%	0.079%
34	18.521	2654	2658	2662	rBV5	4418	6526	0.22%	0.061%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Stop Thrs : 0
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Max Peaks: 100
Peak Location: TOP

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

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35	18.562	2662	2665	2668	rVV3	4825	6402	0.22%	0.060%
36	18.598	2668	2671	2678	rVB5	13412	15891	0.54%	0.148%
37	18.698	2685	2688	2692	rBV6	2980	4390	0.15%	0.041%
38	18.909	2720	2724	2727	rBV4	4330	5131	0.17%	0.048%
39	18.962	2729	2733	2736	rVV3	9770	12128	0.41%	0.113%
40	18.998	2736	2739	2745	rVB7	7721	11666	0.40%	0.109%
41	19.215	2772	2776	2778	rBV5	5704	7702	0.26%	0.072%
42	19.821	2877	2879	2881	rBV2	4007	4005	0.14%	0.037%
43	21.239	3115	3120	3126	rBV	957212	1149898	38.97%	10.714%
44	23.450	3490	3496	3507	rVB2	553997	1008656	34.18%	9.398%

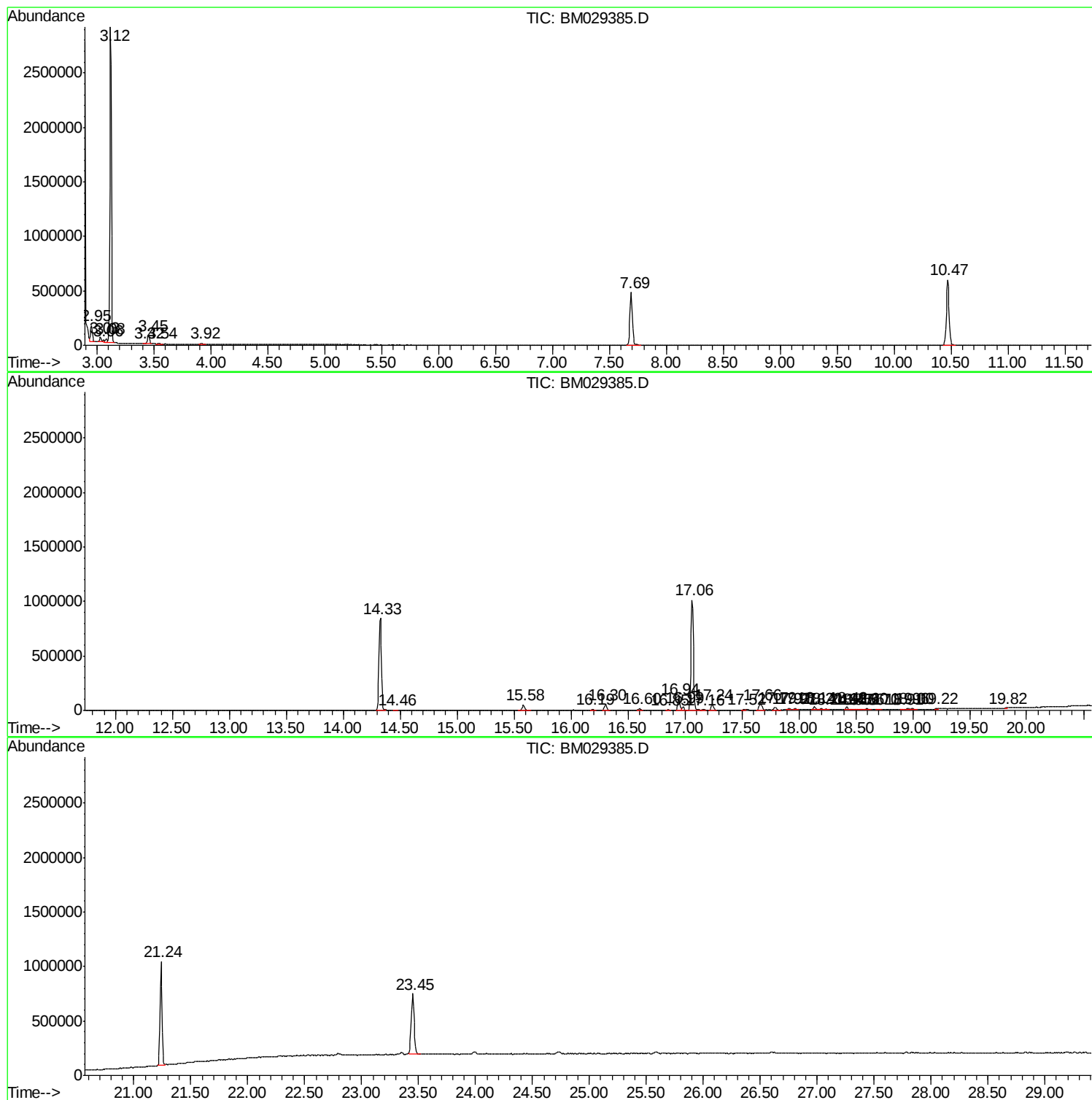
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



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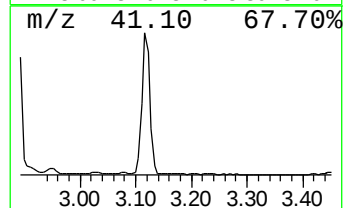
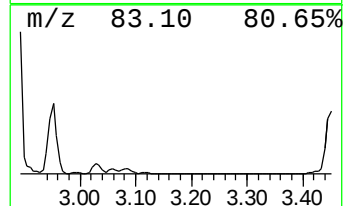
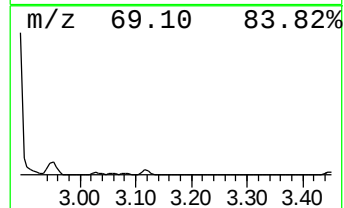
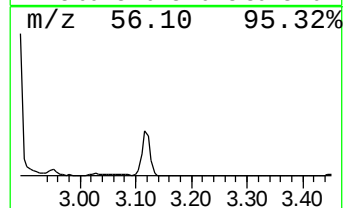
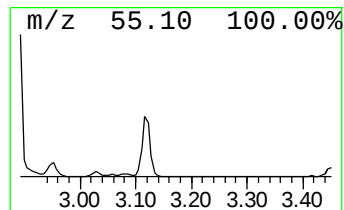
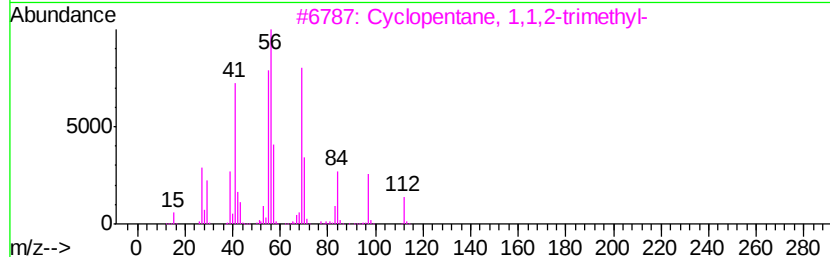
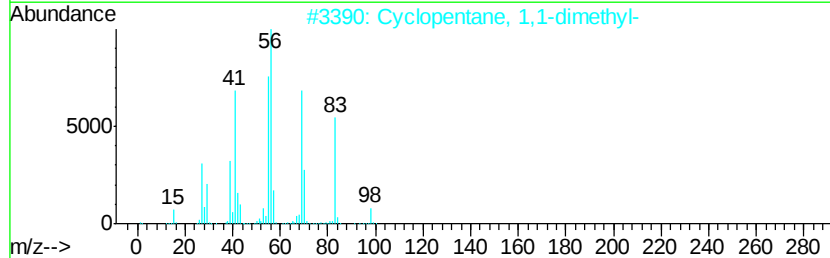
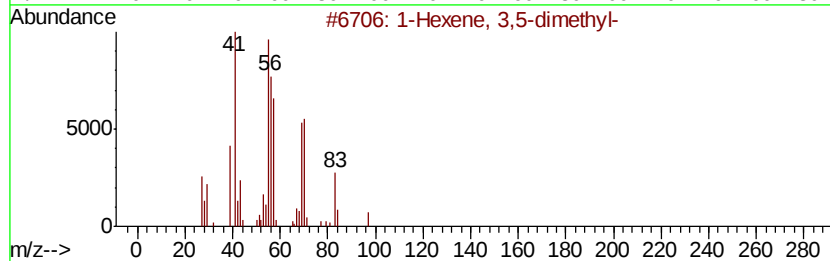
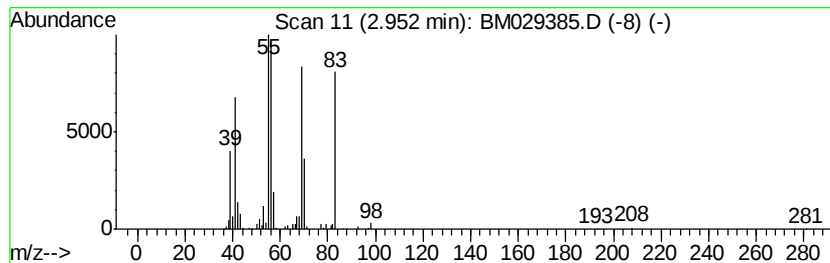
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	4.10 ng/ul	157968	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	59
2			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
3			Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	47
4			Cyclopentane, 1,1,3,4-tetramethyl...	126	C9H18	053907-60-1	40
5			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	40



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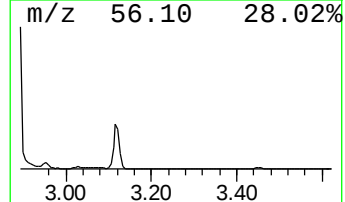
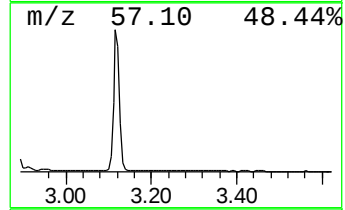
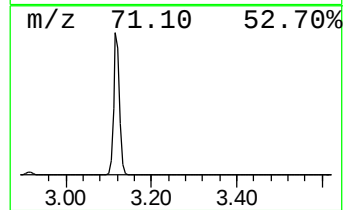
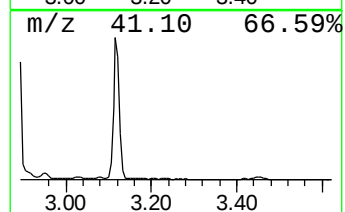
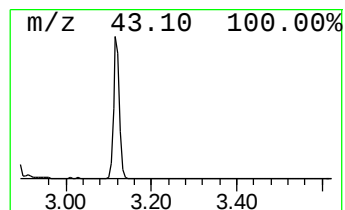
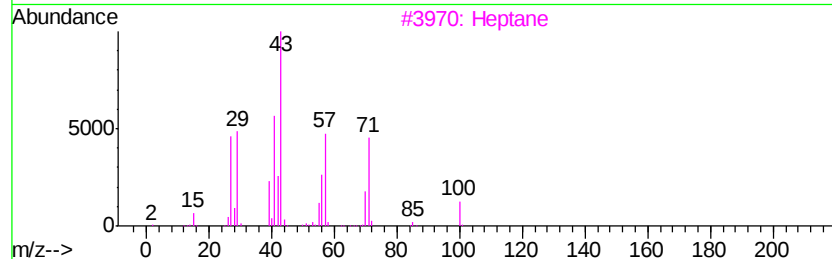
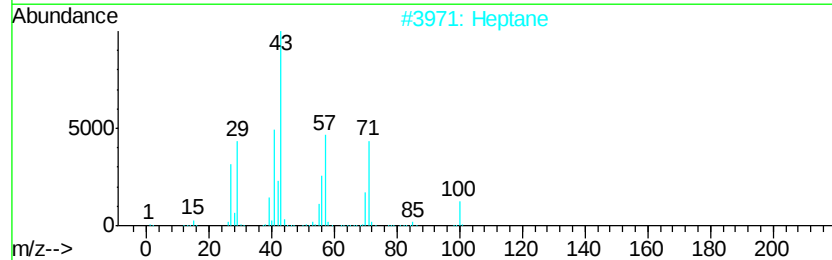
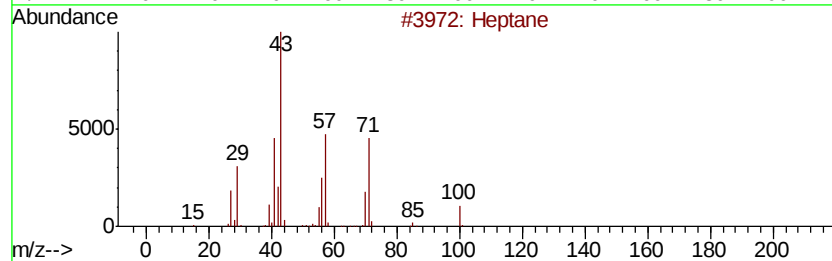
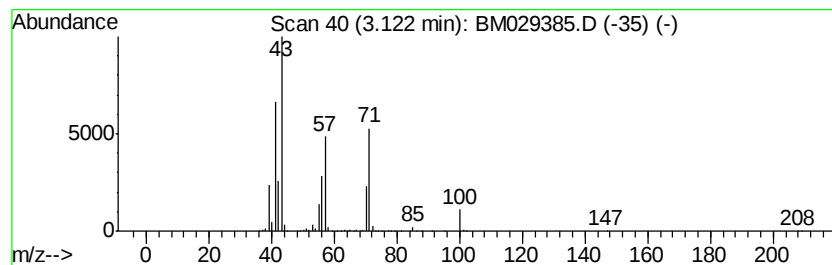
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	76.59 ng/ul	2950810	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	91
3		Heptane	100	C7H16	000142-82-5	87
4		Heptane	100	C7H16	000142-82-5	80
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	45



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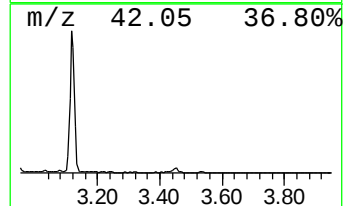
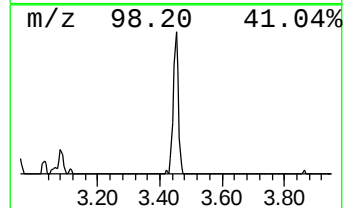
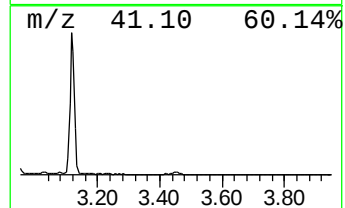
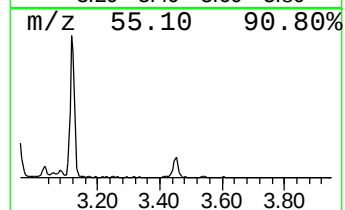
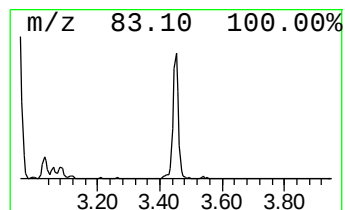
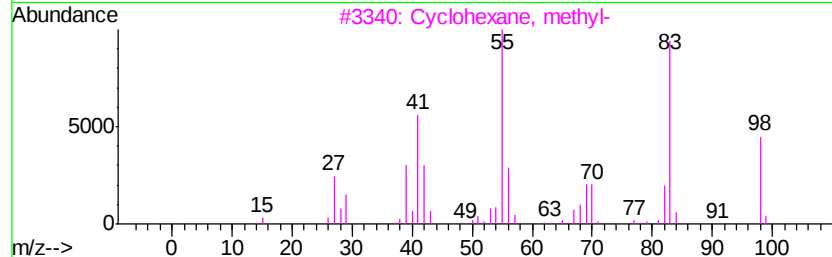
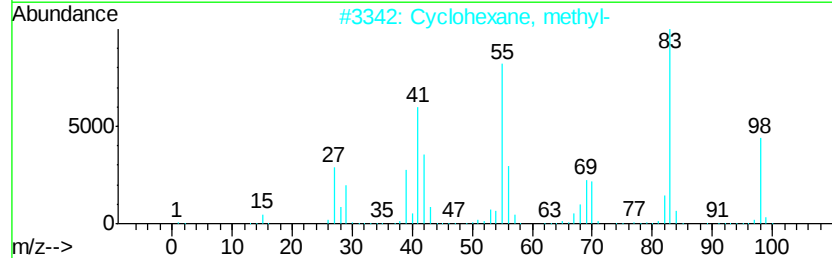
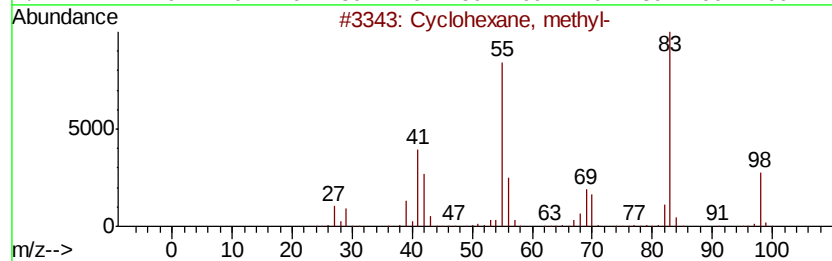
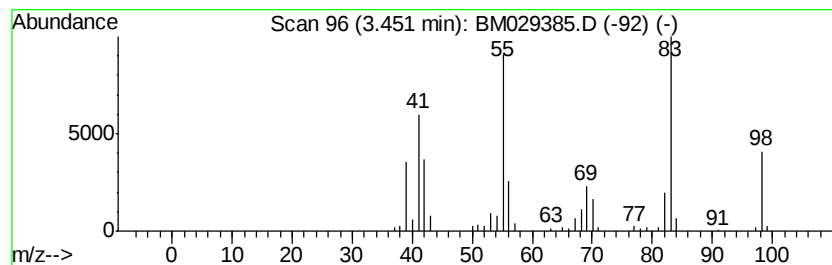
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic3.45 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	2.43 ng/ul	93491	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methyl-	98	C7H14	000108-87-2	94
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	87
5			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	64



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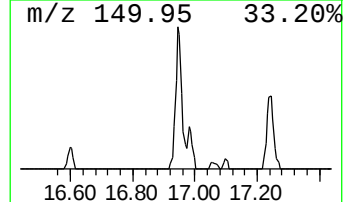
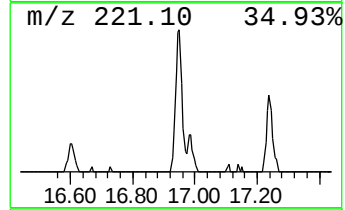
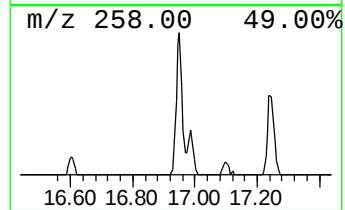
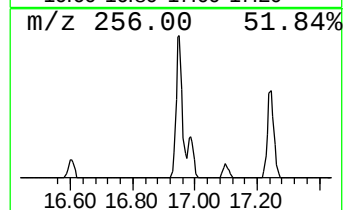
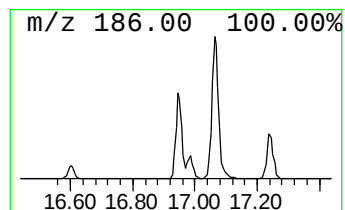
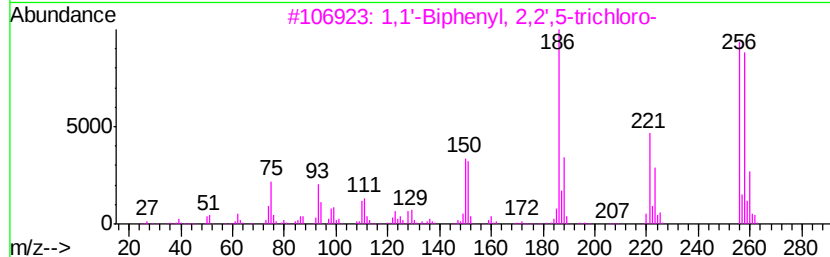
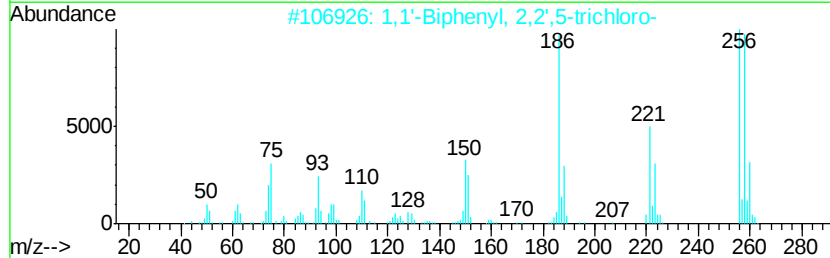
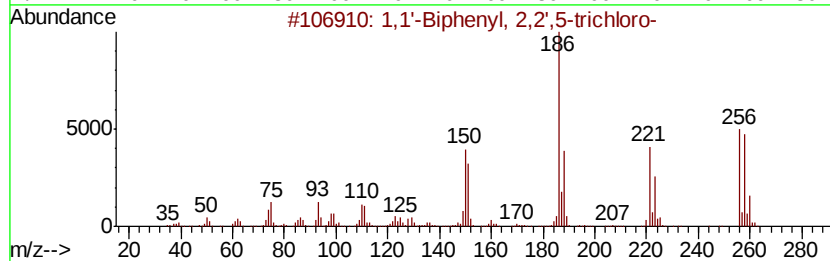
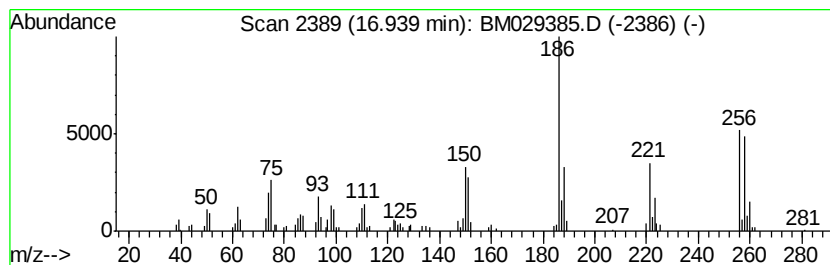
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Peak Number 4 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	2.04 ng/ul	146145	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2		1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3		1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	96
4		1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	96
5		1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	96



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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: Str...	2.95	4.1	ng/ul	157968	1	7.69	770518	20.0
(DEL) Alkane: Str...	3.12	76.6	ng/ul	2950810	1	7.69	770518	20.0
(DEL) Alkane: Cyc...	3.45	2.4	ng/ul	93491	1	7.69	770518	20.0
1,1'-Biphenyl, 2,...	16.94	2.0	ng/ul	146145	4	17.06	1433900	20.0