

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029506.D
 Acq On : 15 Apr 2021 16:50
 Operator : CG/JU
 Sample : M1959-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B41

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	2.940	6	9	16	rVB	131156	150202	6.04%	1.132%
2	3.016	19	22	25	rVV	38022	36558	1.47%	0.275%
3	3.046	25	27	29	rVV2	15148	15264	0.61%	0.115%
4	3.069	29	31	33	rVV	22840	19391	0.78%	0.146%
5	3.105	33	37	42	rVB	2522735	2485951	100.00%	18.731%
6	3.405	86	88	90	rBV3	4799	5197	0.21%	0.039%
7	3.440	90	94	98	rVB	64655	77399	3.11%	0.583%
8	3.528	106	109	113	rVB6	5062	6539	0.26%	0.049%
9	3.810	154	157	162	rVB4	3333	5903	0.24%	0.044%
10	3.905	169	173	178	rVB2	10770	15671	0.63%	0.118%
11	4.081	200	203	206	rBV5	2503	2923	0.12%	0.022%
12	4.446	259	265	268	rVB6	2992	4314	0.17%	0.033%
13	5.604	461	462	467	rBV5	1886	2749	0.11%	0.021%
14	5.704	474	479	480	rBV3	2771	3215	0.13%	0.024%
15	7.151	720	725	731	rBV6	1151	2490	0.10%	0.019%
16	7.304	746	751	758	rBV7	2729	6115	0.25%	0.046%
17	7.675	807	814	830	rBV	575422	914035	36.77%	6.887%
18	8.222	903	907	910	rVB4	1760	2775	0.11%	0.021%
19	8.904	1019	1023	1027	rVB6	3494	5597	0.23%	0.042%
20	10.322	1261	1264	1268	rVB2	3645	5531	0.22%	0.042%
21	10.457	1276	1287	1293	rBV	729467	1233709	49.63%	9.295%
22	10.504	1293	1295	1301	rVB	28027	36742	1.48%	0.277%
23	10.622	1313	1315	1322	rVB4	2581	4788	0.19%	0.036%
24	10.716	1326	1331	1335	rVB6	2702	4508	0.18%	0.034%
25	10.869	1354	1357	1363	rVB6	2180	3952	0.16%	0.030%
26	10.933	1366	1368	1372	rVB5	2362	2905	0.12%	0.022%
27	11.145	1398	1404	1409	rBV7	3324	7313	0.29%	0.055%
28	11.492	1453	1463	1467	rBV4	3746	8019	0.32%	0.060%
29	11.892	1528	1531	1541	rVB4	6332	10129	0.41%	0.076%
30	12.122	1567	1570	1577	rVB6	4107	7497	0.30%	0.056%
31	12.345	1603	1608	1612	rBV4	2545	3140	0.13%	0.024%
32	12.710	1667	1670	1673	rBV2	2086	3304	0.13%	0.025%
33	12.857	1691	1695	1699	rVB2	4840	6375	0.26%	0.048%
34	13.151	1741	1745	1755	rVB2	12369	20890	0.84%	0.157%

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35	13.633	1822	1827	1833	rBV4	4851	7822	0.31%	0.059%
36	13.686	1833	1836	1839	rVB5	3109	3884	0.16%	0.029%
37	13.733	1839	1844	1848	rBV5	6612	11558	0.46%	0.087%
38	13.810	1853	1857	1861	rVB5	10641	13882	0.56%	0.105%
39	13.851	1861	1864	1865	rBV3	3599	4066	0.16%	0.031%
40	13.974	1881	1885	1888	rBV6	3149	3732	0.15%	0.028%
41	14.110	1906	1908	1911	rVB4	3155	3385	0.14%	0.026%
42	14.145	1911	1914	1920	rVB7	6669	12540	0.50%	0.094%
43	14.227	1923	1928	1932	rBV3	22960	32400	1.30%	0.244%
44	14.316	1934	1943	1952	rBV	1001900	1506237	60.59%	11.349%
45	14.721	2004	2012	2017	rVB6	8002	18644	0.75%	0.140%
46	14.851	2030	2034	2043	rBV10	8578	15235	0.61%	0.115%
47	14.951	2043	2051	2052	rBV5	4401	9794	0.39%	0.074%
48	14.980	2052	2056	2060	rVB7	6100	10129	0.41%	0.076%
49	15.039	2062	2066	2073	rBV10	4501	12392	0.50%	0.093%
50	15.110	2073	2078	2082	rBV5	10091	13763	0.55%	0.104%
51	15.180	2085	2090	2096	rBV	29977	45652	1.84%	0.344%
52	15.363	2117	2121	2126	rBV5	14379	24065	0.97%	0.181%
53	15.586	2155	2159	2166	rBV2	17765	26343	1.06%	0.198%
54	15.733	2181	2184	2189	rBV7	5163	9760	0.39%	0.074%
55	15.798	2192	2195	2197	rBV3	6650	9110	0.37%	0.069%
56	16.039	2232	2236	2238	rBV2	43321	58208	2.34%	0.439%
57	16.063	2238	2240	2252	rVB2	43756	68482	2.75%	0.516%
58	16.833	2367	2371	2375	rBV2	31053	43174	1.74%	0.325%
59	16.880	2376	2379	2383	rVB2	26223	35039	1.41%	0.264%
60	17.057	2403	2409	2413	rBV	1095382	1558735	62.70%	11.744%
61	17.098	2413	2416	2421	rVB	159186	213765	8.60%	1.611%
62	17.233	2437	2439	2442	rBV3	14119	17637	0.71%	0.133%
63	17.427	2470	2472	2475	rBV4	11821	11155	0.45%	0.084%
64	17.568	2493	2496	2502	rVB3	32762	43187	1.74%	0.325%
65	17.662	2508	2512	2518	rVB	61403	90453	3.64%	0.682%
66	17.968	2562	2564	2569	rVB	29166	39962	1.61%	0.301%
67	18.127	2587	2591	2595	rVB4	47047	60354	2.43%	0.455%
68	18.415	2636	2640	2645	rBV6	27711	53670	2.16%	0.404%
69	18.898	2718	2722	2726	rBV5	40262	58807	2.37%	0.443%
70	18.980	2732	2736	2742	rVB5	64739	101835	4.10%	0.767%
71	19.109	2754	2758	2764	rVB	163199	230650	9.28%	1.738%

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72	19.203	2768	2774	2780	rBV10	22098	69485	2.80%	0.524%
73	19.262	2781	2784	2790	rVB4	66545	87422	3.52%	0.659%
74	19.392	2803	2806	2811	rVB	99629	119060	4.79%	0.897%
75	19.474	2817	2820	2824	rVB	71442	75470	3.04%	0.569%
76	19.509	2824	2826	2831	rVB4	26875	31270	1.26%	0.236%
77	19.709	2857	2860	2865	rVB3	45978	59291	2.39%	0.447%
78	19.968	2901	2904	2908	rVB3	105559	126490	5.09%	0.953%
79	20.009	2908	2911	2916	rVB3	39905	59377	2.39%	0.447%
80	20.250	2948	2952	2956	rVB2	112916	134043	5.39%	1.010%
81	20.303	2958	2961	2963	rBV4	32029	38862	1.56%	0.293%
82	20.439	2981	2984	2988	rVB	96893	101225	4.07%	0.763%
83	20.503	2992	2995	2998	rVV	59623	62541	2.52%	0.471%
84	20.562	3003	3005	3012	rVB5	74383	99838	4.02%	0.752%
85	20.962	3071	3073	3082	rVB3	63711	106047	4.27%	0.799%
86	21.233	3114	3119	3123	rBV	959032	1226192	49.32%	9.239%
87	21.268	3123	3125	3132	rVB	144256	156933	6.31%	1.182%
88	21.397	3144	3147	3151	rBV2	70273	82911	3.34%	0.625%
89	23.439	3489	3494	3504	rVB2	561942	1035096	41.64%	7.799%

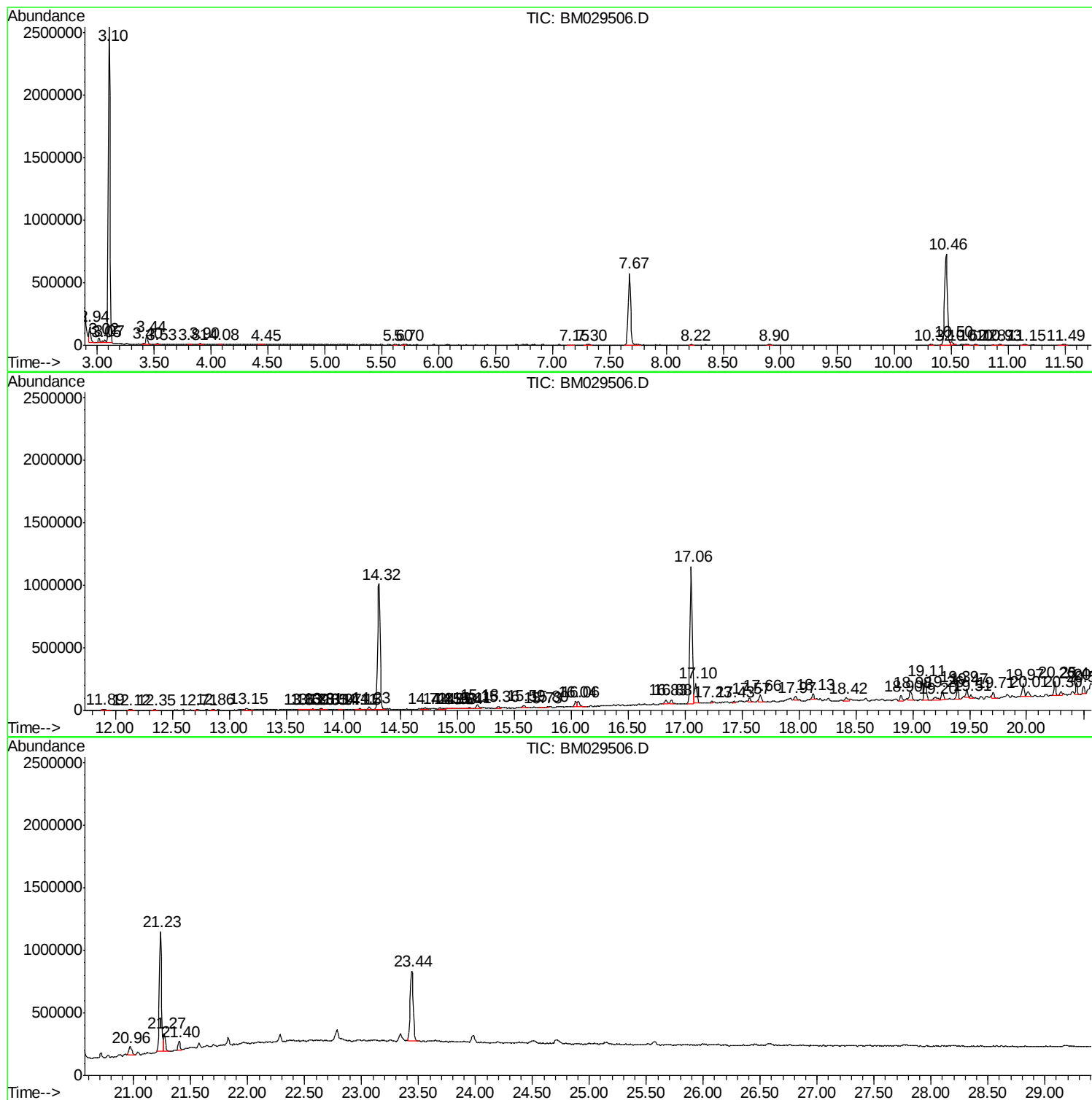
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



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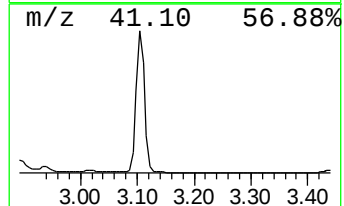
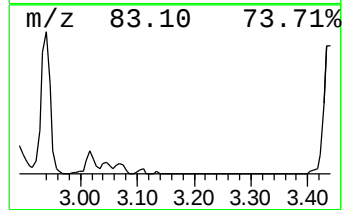
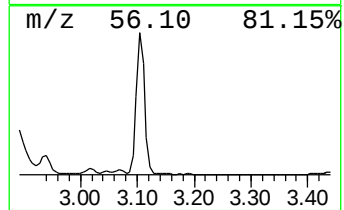
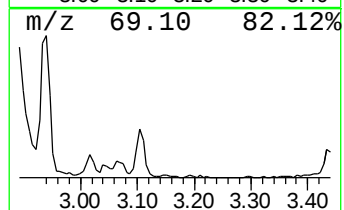
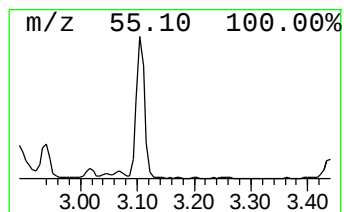
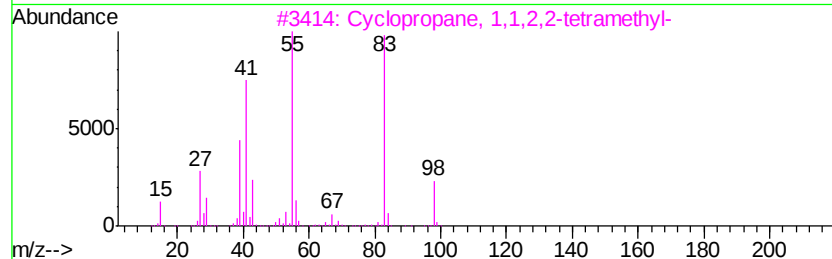
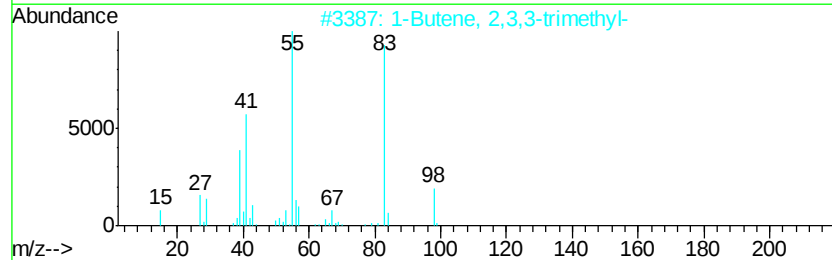
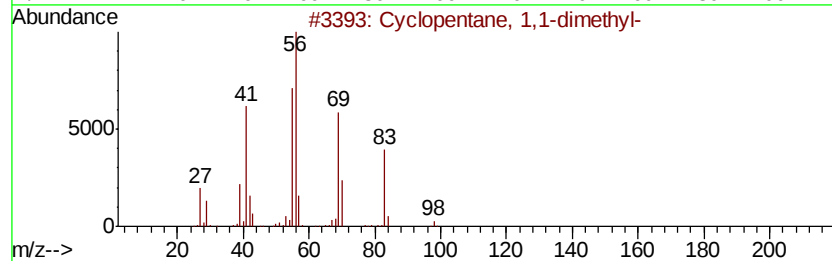
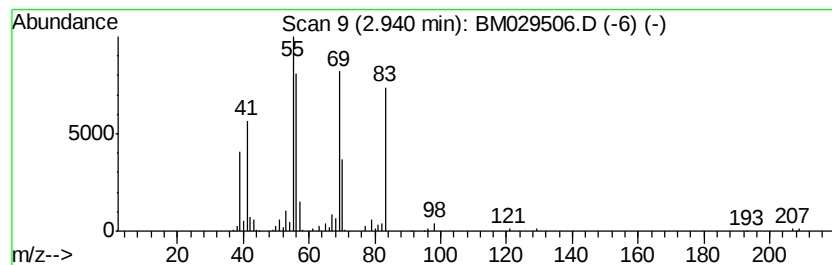
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.94 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	3.29 ng/ul	150202	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49
2			1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	43
3			Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	38
4			3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	35
5			2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	35



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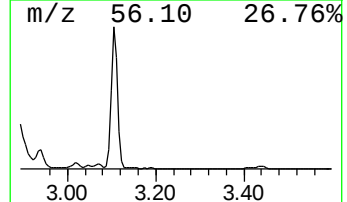
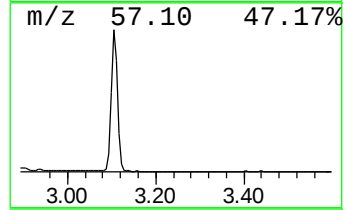
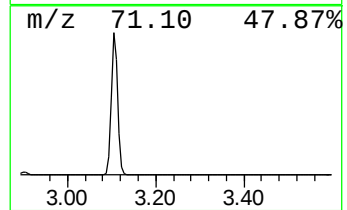
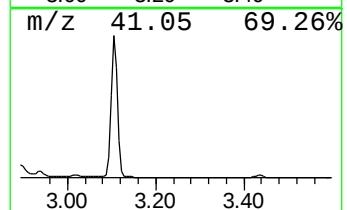
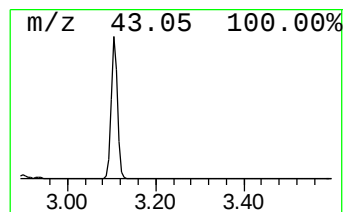
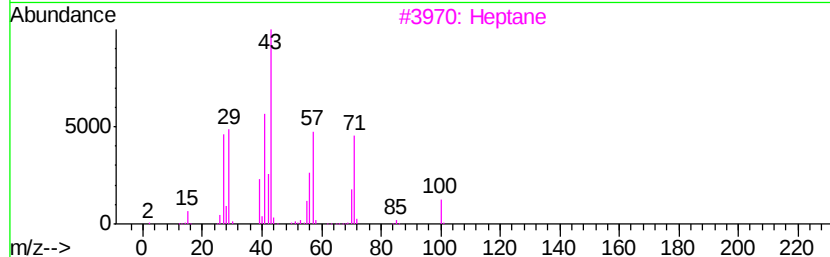
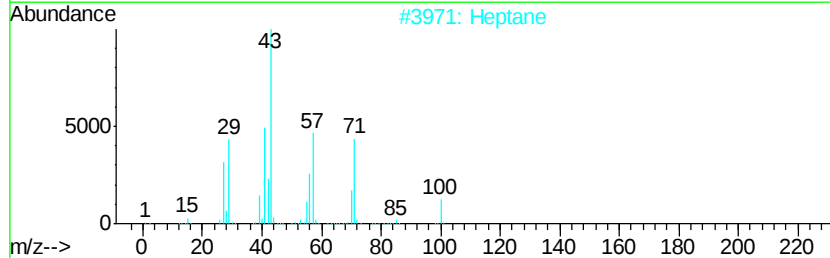
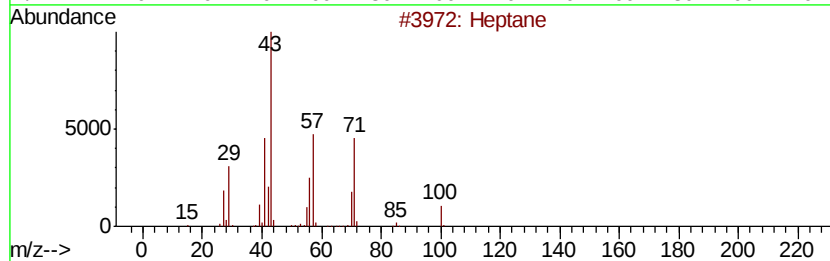
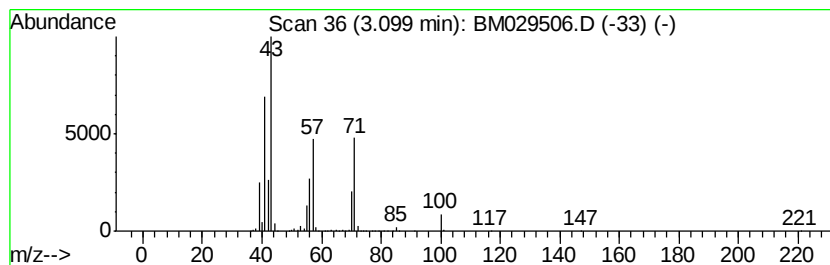
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	54.40 ng/ul	2485950	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	87
3		Heptane	100	C7H16	000142-82-5	86
4		Heptane	100	C7H16	000142-82-5	47
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	45



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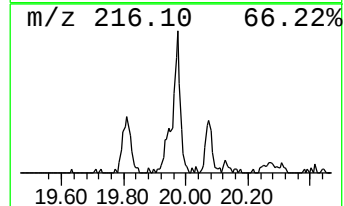
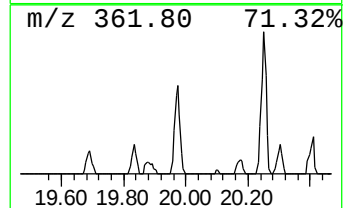
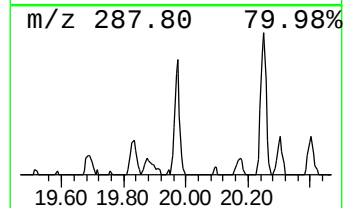
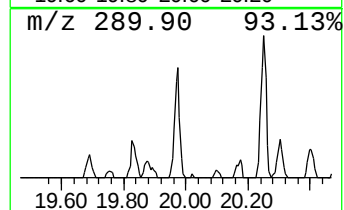
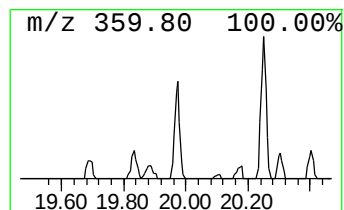
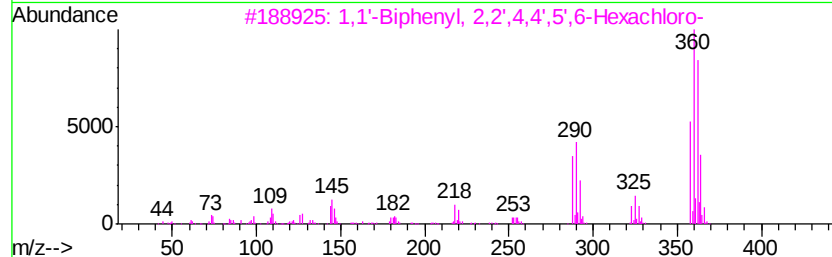
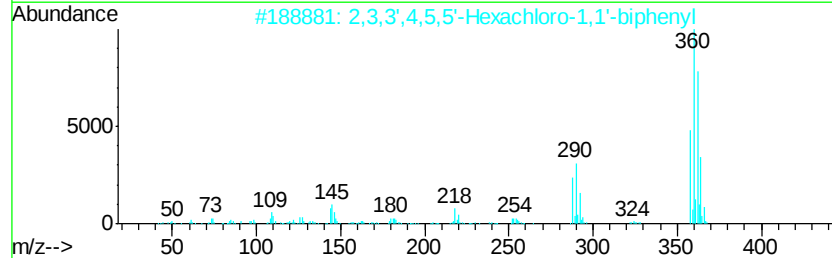
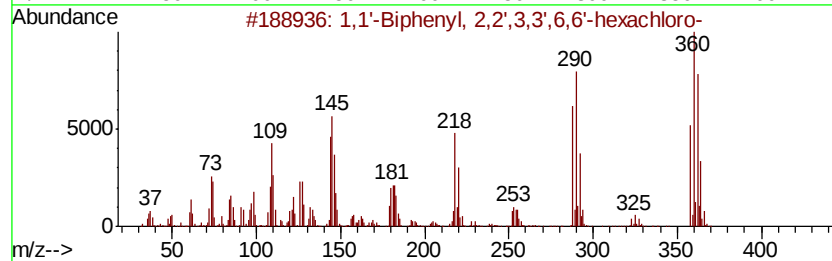
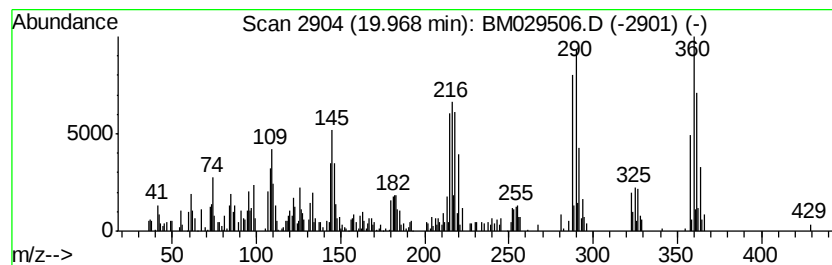
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.06 ng/ul	126490	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
2		2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
3		1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
4		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99



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ALS Vial : 41 Sample Multiplier: 1

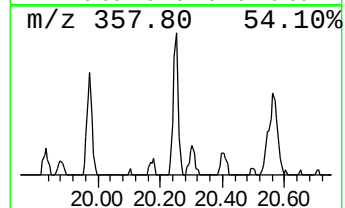
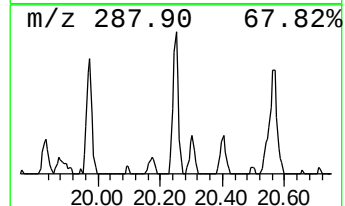
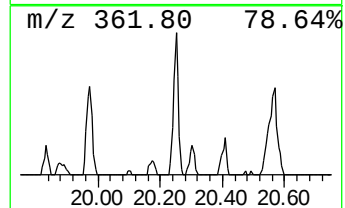
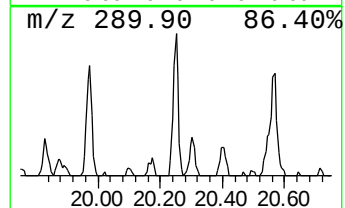
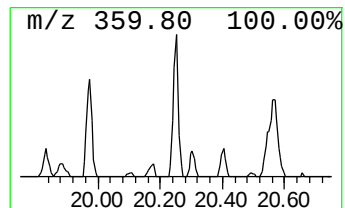
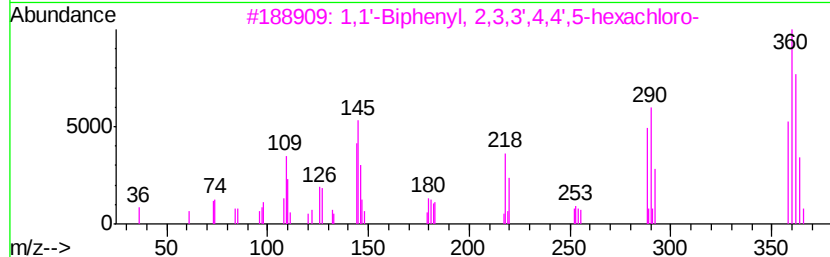
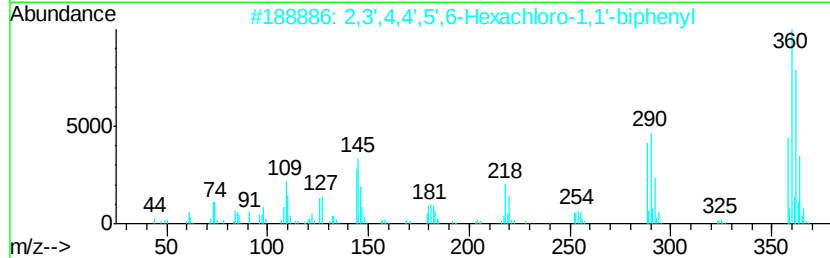
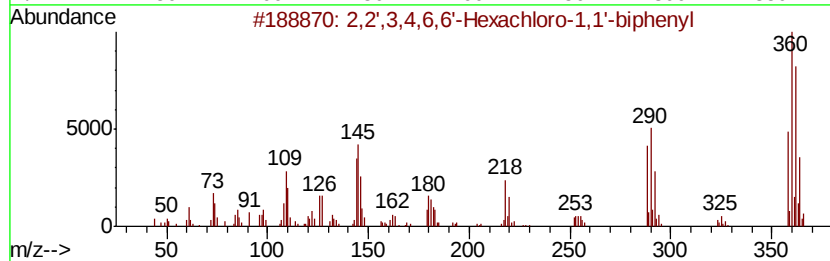
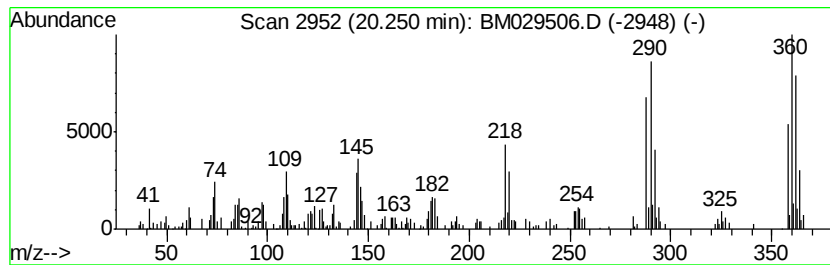
Instrument :
BNA_M
ClientSampleId :
C0B41

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	2.19 ng/ul	134043	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358 C12H4Cl6	074472-40-5	99
2	2,3',4,4',5',6-Hexachloro-1,1'-b...	358 C12H4Cl6	059291-65-5	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358 C12H4Cl6	038380-08-4	99
4	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358 C12H4Cl6	039635-34-2	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358 C12H4Cl6	074472-43-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041521\
Data File : BM029506.D
Acq On : 15 Apr 2021 16:50
Operator : CG/JU
Sample : M1959-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B41

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...	2.94	3.3	ng/ul	150202	1	7.67	914035	20.0
(DEL) Alkane: Str...	3.10	54.4	ng/ul	2485950	1	7.67	914035	20.0
1,1'-Biphenyl, 2,...	19.97	2.1	ng/ul	126490	5	21.23	1226190	20.0
2,2',3,4,6,6'-Hex...	20.25	2.2	ng/ul	134043	5	21.23	1226190	20.0