

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029397.D
 Acq On : 08 Apr 2021 07:08
 Operator : CG/JU
 Sample : M1957-17
 Misc : GCMS CONFIRMATION
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B24

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	144609	149537	5.74%	1.142%
2	3.028	21	24	27	rBV	40540	38960	1.49%	0.298%
3	3.058	27	29	31	rVV2	16338	15814	0.61%	0.121%
4	3.081	31	33	35	rVV2	25252	22241	0.85%	0.170%
5	3.116	35	39	44	rVB	2475162	2607432	100.00%	19.915%
6	3.422	87	91	92	rBV2	9258	9696	0.37%	0.074%
7	3.452	92	96	103	rVV	79495	93359	3.58%	0.713%
8	3.540	107	111	116	rBV4	6050	8439	0.32%	0.064%
9	3.822	155	159	166	rVB5	4179	7645	0.29%	0.058%
10	3.916	171	175	180	rVB2	16834	21610	0.83%	0.165%
11	4.257	230	233	238	rVB4	4206	6276	0.24%	0.048%
12	4.457	262	267	271	rBV5	4480	7286	0.28%	0.056%
13	4.857	332	335	340	rBV4	3150	4541	0.17%	0.035%
14	5.222	393	397	402	rVB3	4269	6452	0.25%	0.049%
15	5.352	414	419	426	rBV2	12106	24001	0.92%	0.183%
16	5.510	440	446	451	rBV6	2626	5322	0.20%	0.041%
17	5.722	476	482	488	rVB4	13810	22827	0.88%	0.174%
18	5.975	520	525	528	rBV4	3474	5533	0.21%	0.042%
19	6.193	557	562	567	rBV4	3643	4746	0.18%	0.036%
20	6.257	569	573	577	rBV5	3489	6379	0.24%	0.049%
21	6.693	644	647	653	rVB4	2991	4672	0.18%	0.036%
22	6.787	659	663	668	rVB2	9212	14128	0.54%	0.108%
23	6.846	668	673	679	rVV4	9076	16795	0.64%	0.128%
24	6.922	681	686	692	rVB6	5217	9470	0.36%	0.072%
25	7.087	709	714	717	rBV3	3062	5057	0.19%	0.039%
26	7.322	748	754	763	rBV3	17639	38377	1.47%	0.293%
27	7.687	809	816	828	rBV	531325	833875	31.98%	6.369%
28	8.234	903	909	915	rVB4	6292	12269	0.47%	0.094%
29	8.328	920	925	928	rBV3	6973	10619	0.41%	0.081%
30	8.457	943	947	950	rBV4	3264	4974	0.19%	0.038%
31	8.692	982	987	992	rVB7	3132	5542	0.21%	0.042%
32	8.787	996	1003	1008	rVV4	6677	14127	0.54%	0.108%
33	8.916	1012	1025	1034	rVB	17797	33920	1.30%	0.259%
34	9.040	1042	1046	1051	rVB6	2716	4793	0.18%	0.037%

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35	9.381	1098	1104	1106	rBV6	2157	4556	0.17%	0.035%
36	10.334	1260	1266	1272	rBV6	6307	10603	0.41%	0.081%
37	10.469	1278	1289	1295	rBV	648605	1106664	42.44%	8.452%
38	10.516	1295	1297	1308	rVB2	19814	31036	1.19%	0.237%
39	10.728	1328	1333	1341	rVB7	2852	5697	0.22%	0.044%
40	10.939	1365	1369	1374	rBV5	2929	4428	0.17%	0.034%
41	11.504	1459	1465	1471	rVB5	3552	6684	0.26%	0.051%
42	11.904	1523	1533	1537	rBV3	4752	8658	0.33%	0.066%
43	12.139	1567	1573	1581	rVB	8331	14181	0.54%	0.108%
44	12.357	1604	1610	1615	rBV3	4688	8111	0.31%	0.062%
45	12.869	1694	1697	1702	rVB5	2995	4598	0.18%	0.035%
46	13.163	1743	1747	1752	rVB4	6584	9770	0.37%	0.075%
47	13.645	1824	1829	1834	rBV3	5686	10439	0.40%	0.080%
48	13.751	1842	1847	1852	rVB5	6901	9876	0.38%	0.075%
49	13.822	1853	1859	1862	rVB5	6954	10090	0.39%	0.077%
50	13.869	1862	1867	1868	rBV4	4302	6357	0.24%	0.049%
51	14.074	1893	1902	1903	rBV8	6128	12082	0.46%	0.092%
52	14.157	1913	1916	1923	rVB6	11024	16270	0.62%	0.124%
53	14.239	1925	1930	1934	rVV5	10159	14322	0.55%	0.109%
54	14.322	1934	1944	1956	rVV	932247	1346108	51.63%	10.281%
55	14.727	2009	2013	2019	rVB3	7846	13681	0.52%	0.104%
56	14.857	2031	2035	2042	rBV7	6422	12317	0.47%	0.094%
57	15.045	2065	2067	2070	rBV4	4355	5030	0.19%	0.038%
58	15.116	2075	2079	2085	rBV8	12971	20663	0.79%	0.158%
59	15.192	2089	2092	2096	rBV5	8766	12302	0.47%	0.094%
60	15.374	2119	2123	2126	rBV6	12458	17734	0.68%	0.135%
61	15.592	2156	2160	2166	rVB3	12723	21500	0.82%	0.164%
62	15.810	2193	2197	2199	rBV5	8783	13542	0.52%	0.103%
63	16.068	2234	2241	2246	rBV4	30610	72838	2.79%	0.556%
64	16.839	2370	2372	2375	rBV3	15201	17397	0.67%	0.133%
65	17.063	2404	2410	2415	rBV	937798	1356495	52.02%	10.360%
66	17.104	2415	2417	2424	rVB	122364	147749	5.67%	1.128%
67	17.245	2438	2441	2448	rVB7	32699	48414	1.86%	0.370%
68	17.668	2509	2513	2520	rVB	131697	187723	7.20%	1.434%
69	17.915	2552	2555	2561	rVB2	39780	57781	2.22%	0.441%
70	18.133	2588	2592	2596	rVV2	94127	120537	4.62%	0.921%
71	18.198	2599	2603	2607	rVB	54801	66778	2.56%	0.510%

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72	18.239	2607	2610	2613	rBV4	26564	31118	1.19%	0.238%
73	18.421	2637	2641	2646	rBV3	73972	117712	4.51%	0.899%
74	18.598	2668	2671	2676	rVB2	58934	72389	2.78%	0.553%
75	18.909	2720	2724	2727	rBV3	62730	82785	3.17%	0.632%
76	18.992	2734	2738	2744	rVB3	137019	219266	8.41%	1.675%
77	19.121	2756	2760	2764	rVB	134004	169841	6.51%	1.297%
78	19.268	2781	2785	2790	rVB3	113339	142677	5.47%	1.090%
79	19.839	2879	2882	2886	rVB6	45278	53481	2.05%	0.408%
80	19.980	2902	2906	2910	rVB	166845	204767	7.85%	1.564%
81	20.256	2949	2953	2957	rVB	224950	263444	10.10%	2.012%
82	20.309	2959	2962	2964	rBV3	59932	72197	2.77%	0.551%
83	20.568	3000	3006	3013	rBV3	137971	235020	9.01%	1.795%
84	20.715	3029	3031	3037	rVB5	77055	87073	3.34%	0.665%
85	21.239	3115	3120	3123	rBV	878682	1103572	42.32%	8.429%
86	21.268	3123	3125	3132	rVB2	227712	283203	10.86%	2.163%
87	23.444	3490	3495	3505	rVB2	534325	1044745	40.07%	7.979%

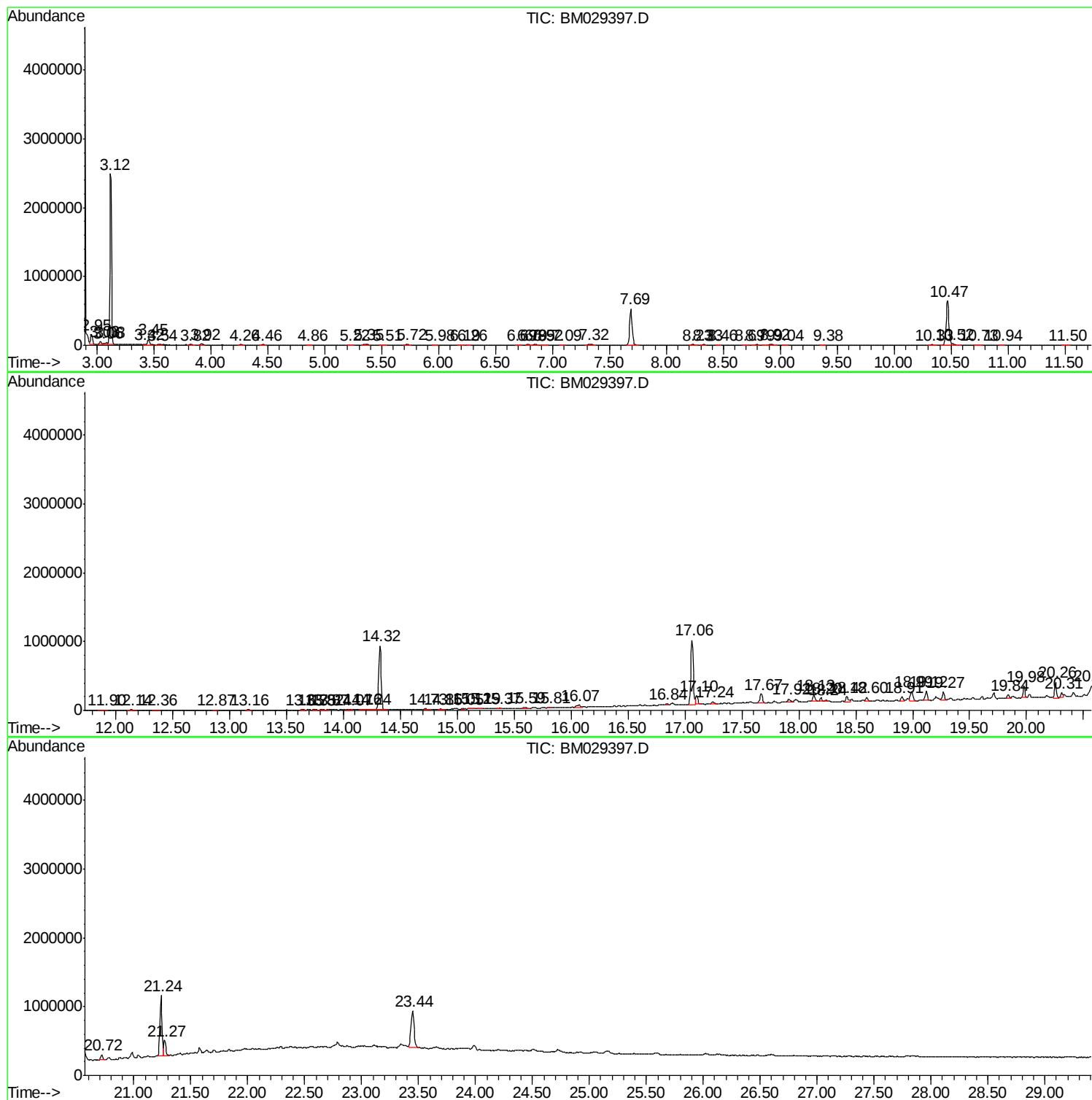
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



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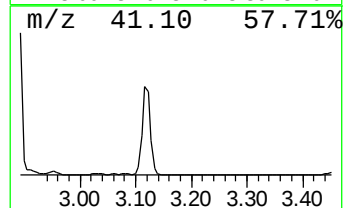
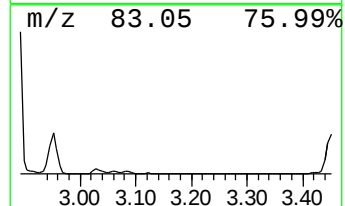
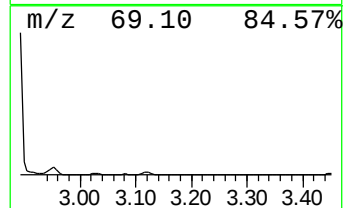
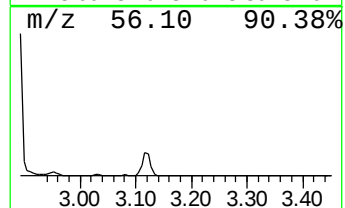
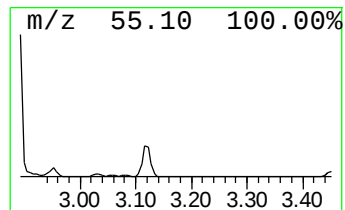
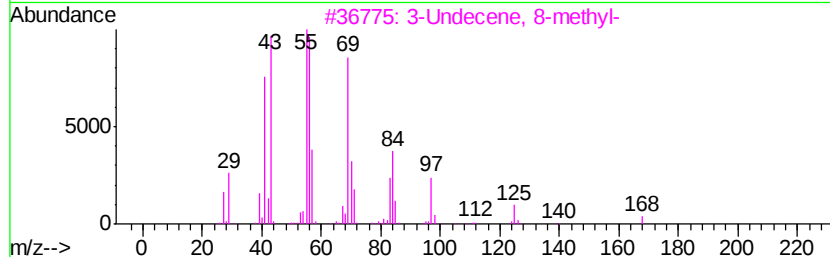
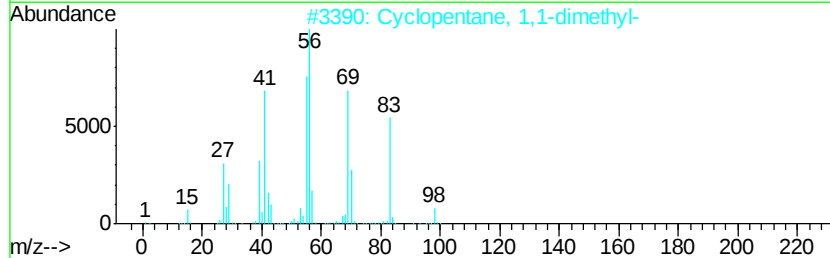
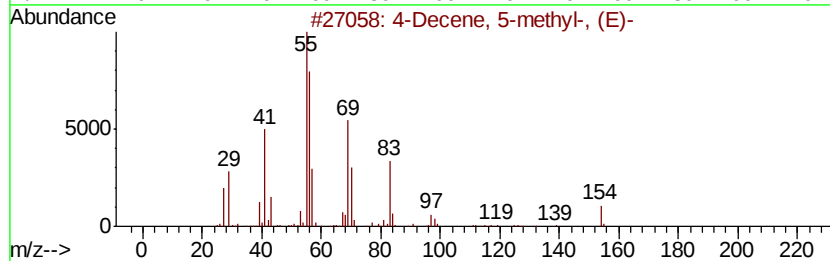
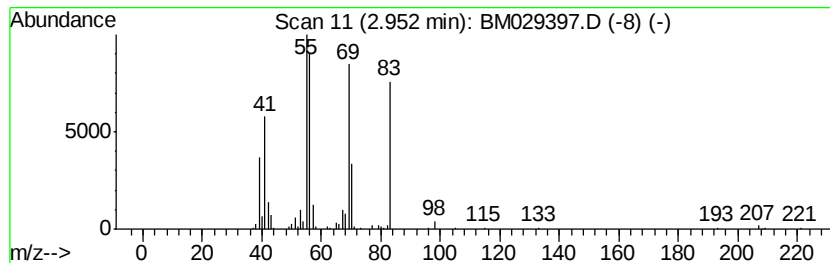
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	3.59 ng/ul	149537	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	72
2			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	53
3			3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	53
4			3-Nonene, 2-methyl-	140	C10H20	053966-53-3	50
5			Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	50



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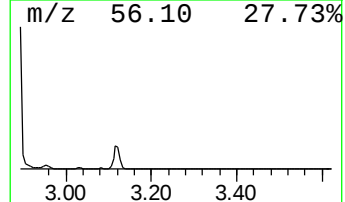
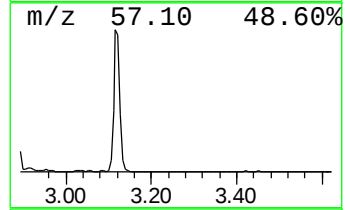
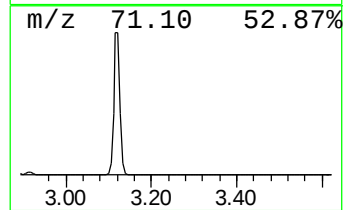
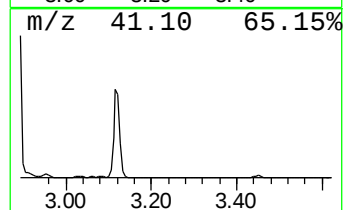
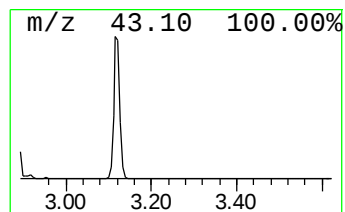
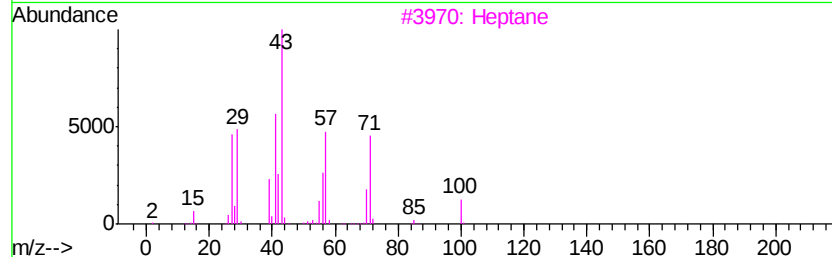
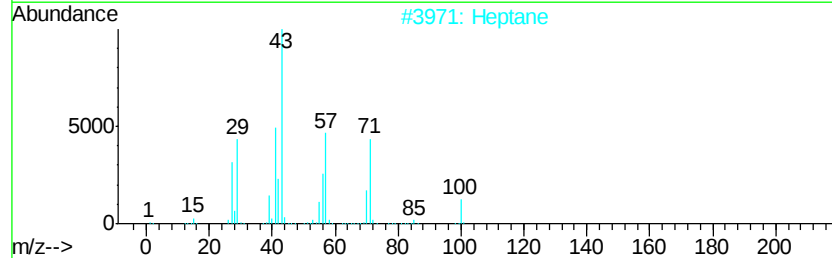
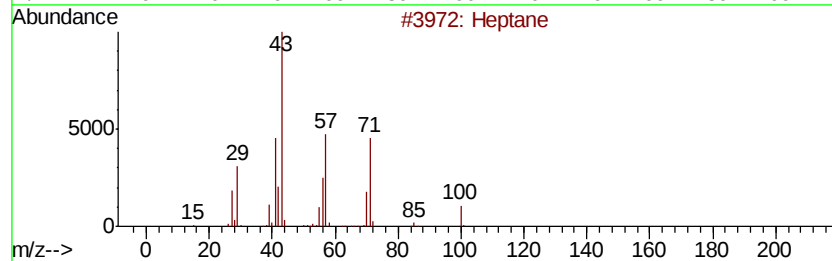
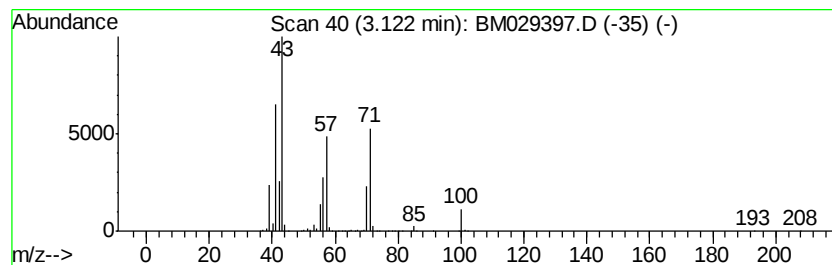
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	62.54 ng/ul	2607430	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	90
3		Heptane	100	C7H16	000142-82-5	87
4		Heptane	100	C7H16	000142-82-5	72
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	45



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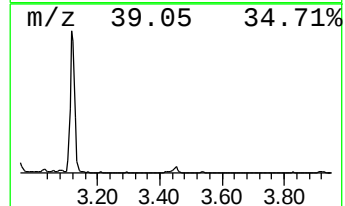
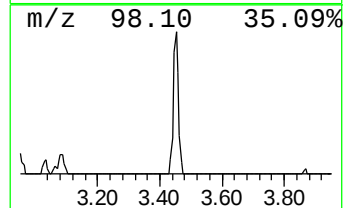
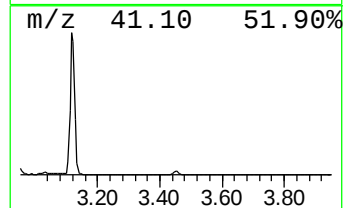
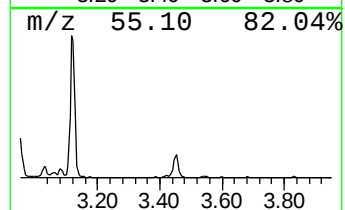
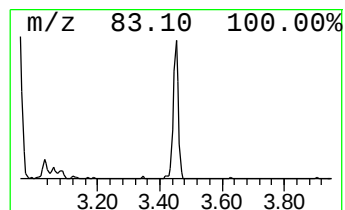
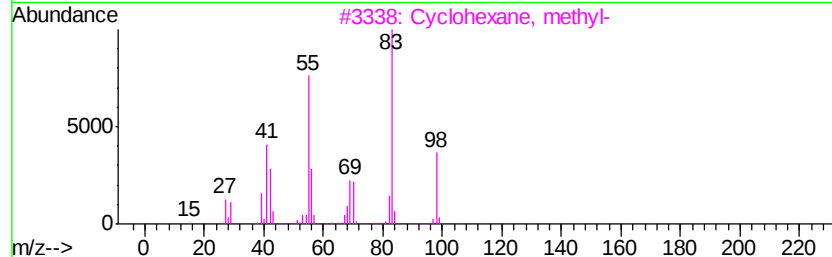
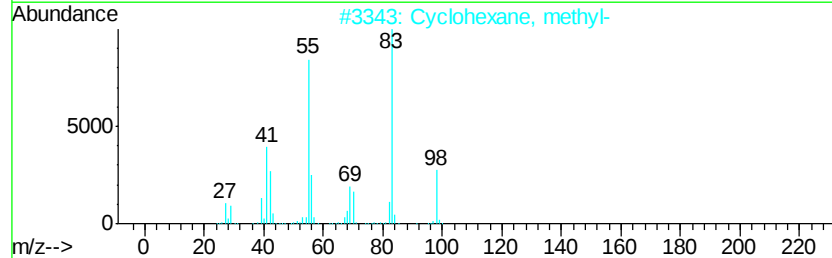
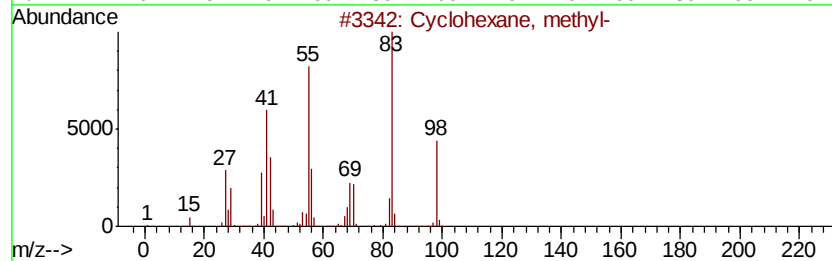
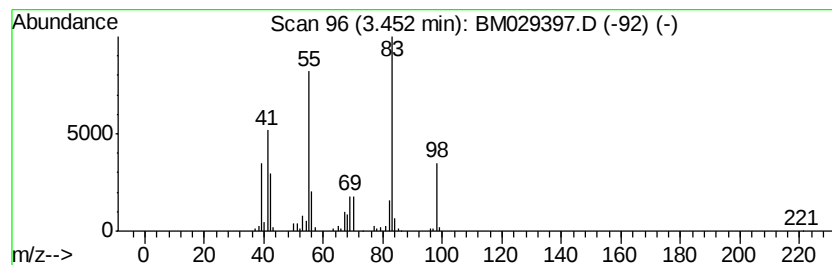
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic3.45 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	2.24 ng/ul	93359	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	81
5		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64



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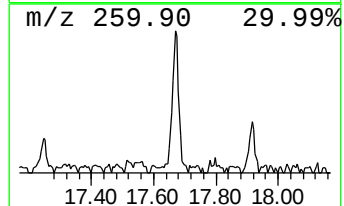
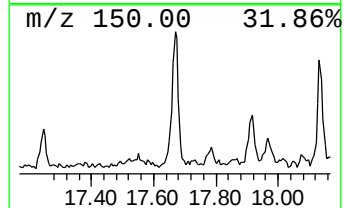
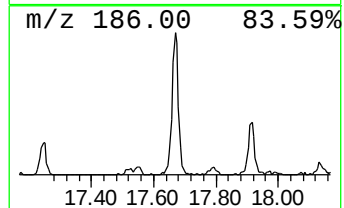
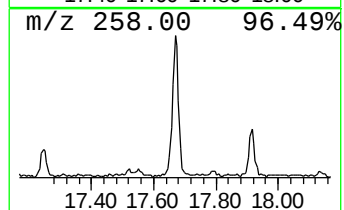
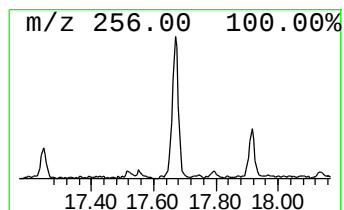
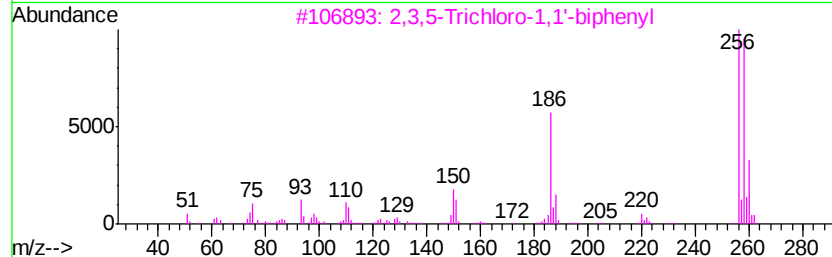
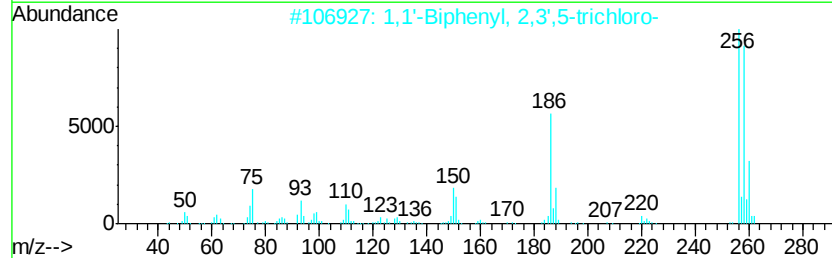
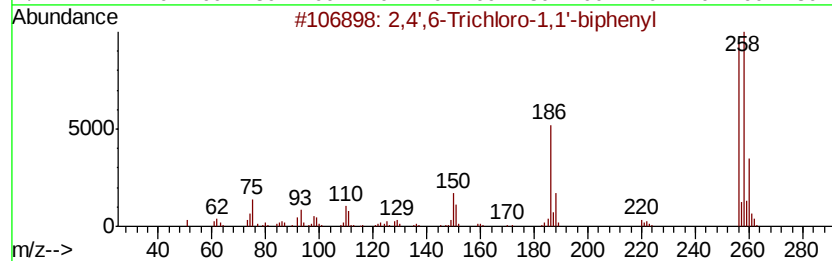
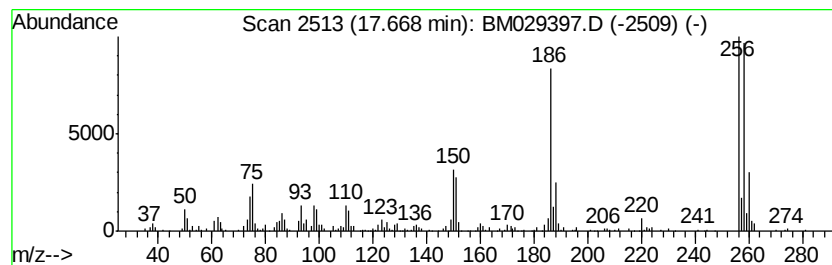
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2,4',6-Trichloro-1,1'-biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.77 ng/ul	187723	Phenanthrene-d10	17.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	98		
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98		
3	2,3,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	055720-44-0	98		
4	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	97		
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	96		



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029397.D
Acq On : 08 Apr 2021 07:08
Operator : CG/JU
Sample : M1957-17
Misc : GCMS CONFIRMATION
ALS Vial : 36 Sample Multiplier: 1

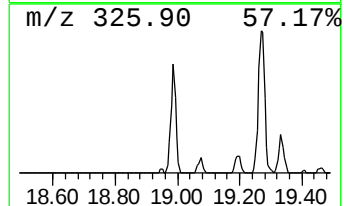
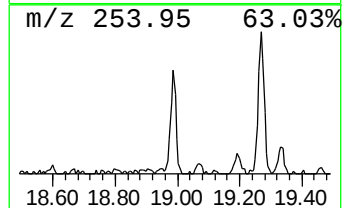
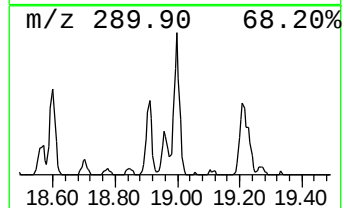
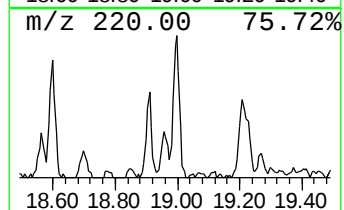
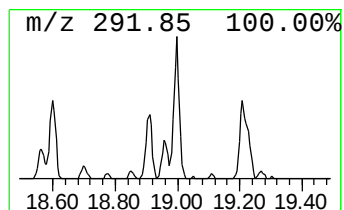
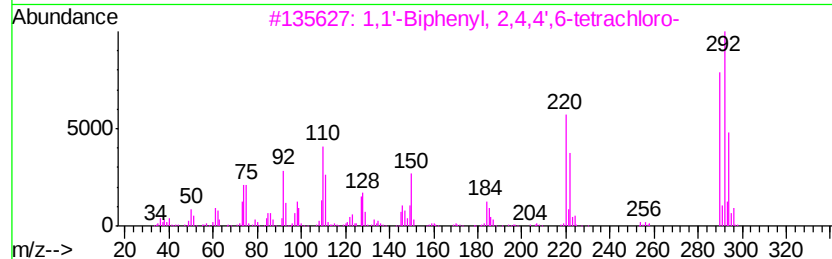
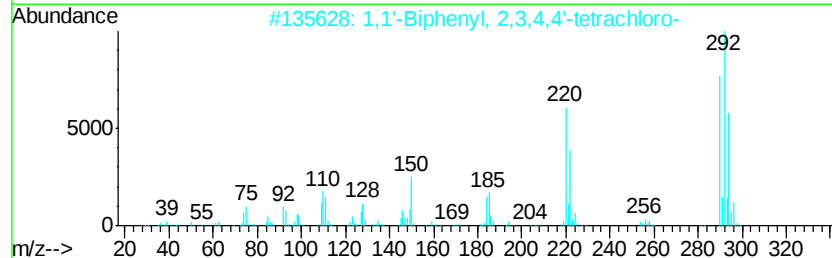
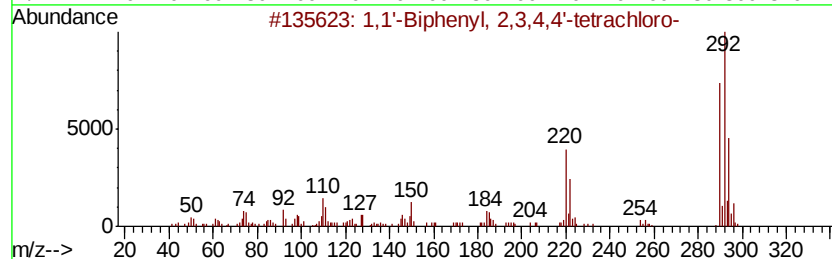
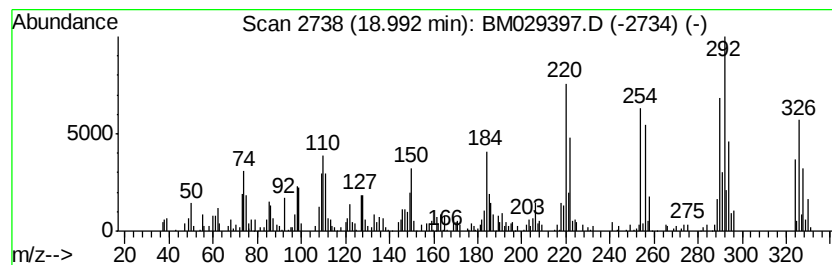
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,3,4,4'-tet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.99	3.23 ng/ul	219266	Phenanthrene-d10	17.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	98
2	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	98
3	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	98
4	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	98
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029397.D
Acq On : 08 Apr 2021 07:08
Operator : CG/JU
Sample : M1957-17
Misc : GCMS CONFIRMATION
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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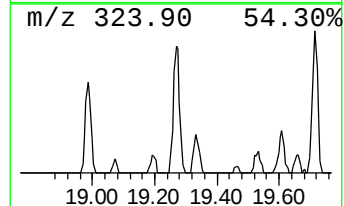
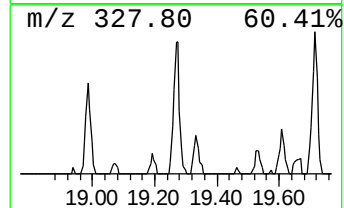
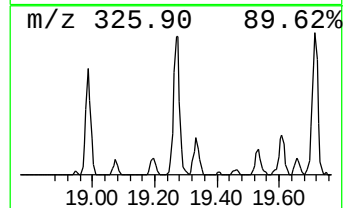
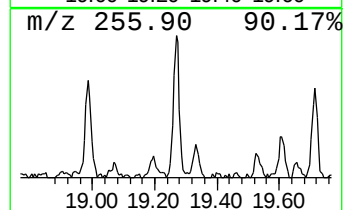
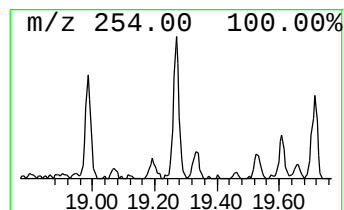
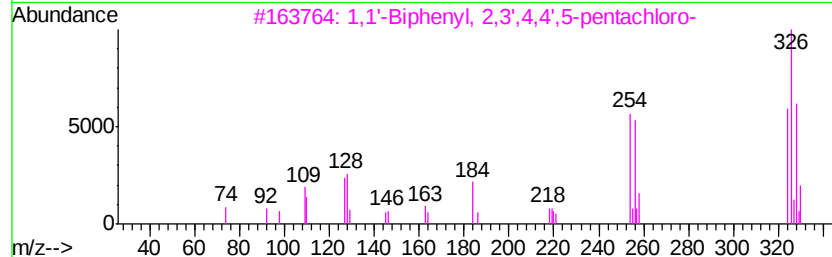
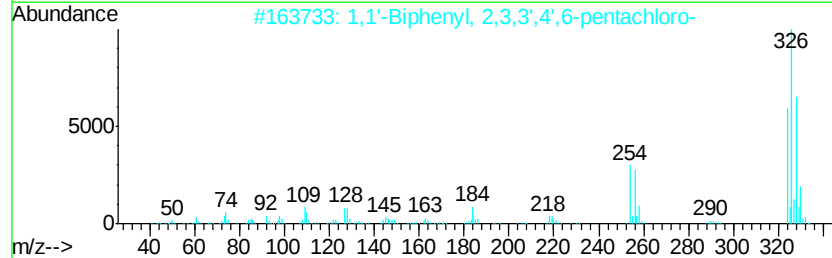
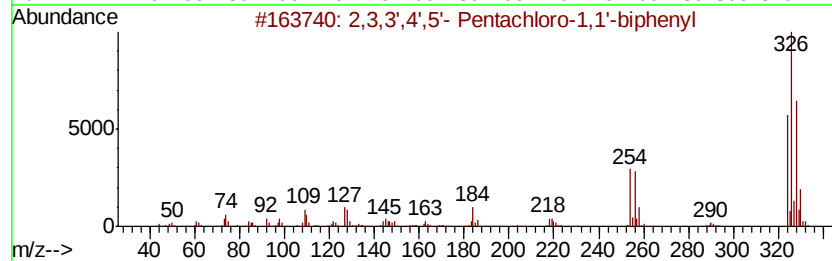
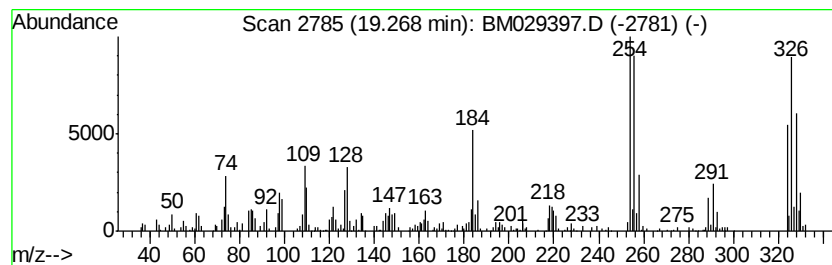
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2,3,3',4',5'- Pentachloro-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.59 ng/ul	142677	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
2		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98
4		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98
5		1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029397.D
Acq On : 08 Apr 2021 07:08
Operator : CG/JU
Sample : M1957-17
Misc : GCMS CONFIRMATION
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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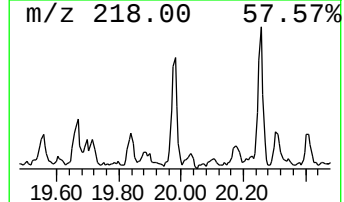
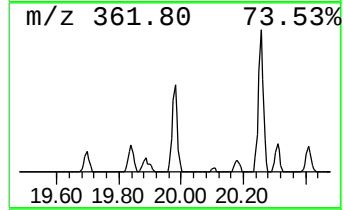
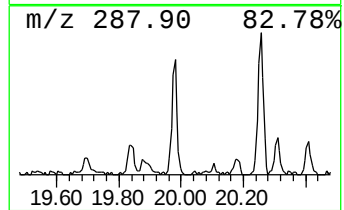
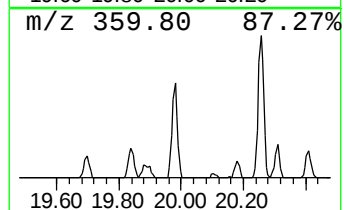
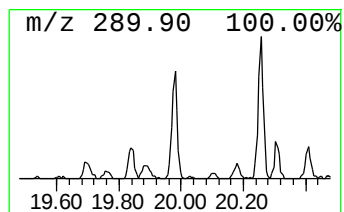
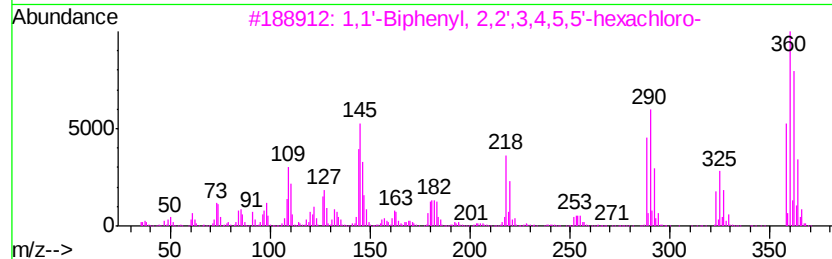
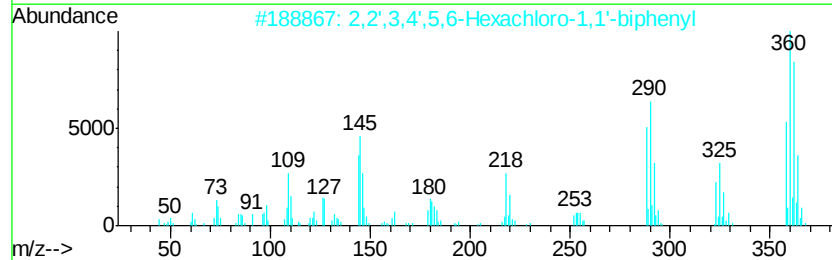
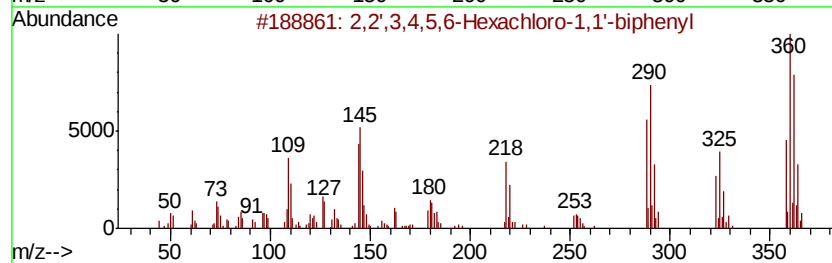
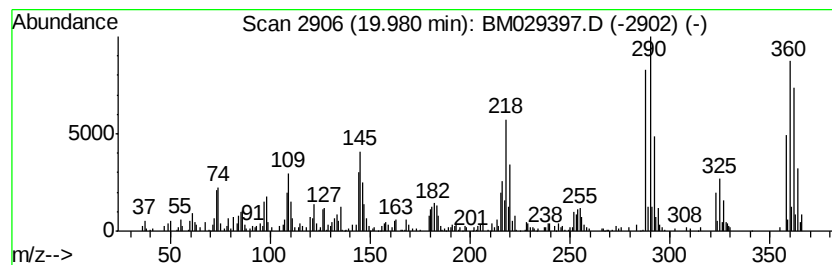
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	3.71 ng/ul	204767	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
2		2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4		2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
5		1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029397.D
Acq On : 08 Apr 2021 07:08
Operator : CG/JU
Sample : M1957-17
Misc : GCMS CONFIRMATION
ALS Vial : 36 Sample Multiplier: 1

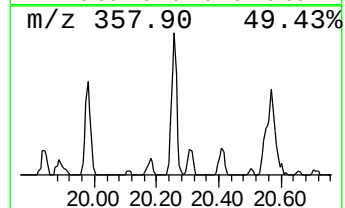
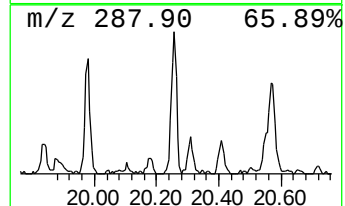
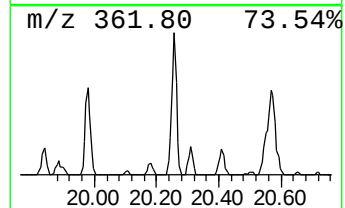
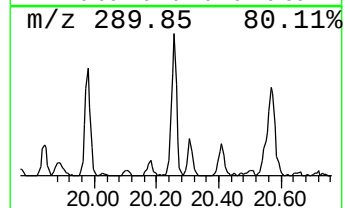
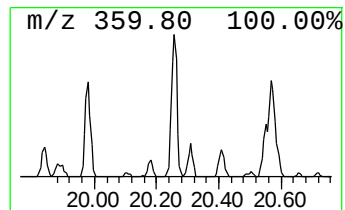
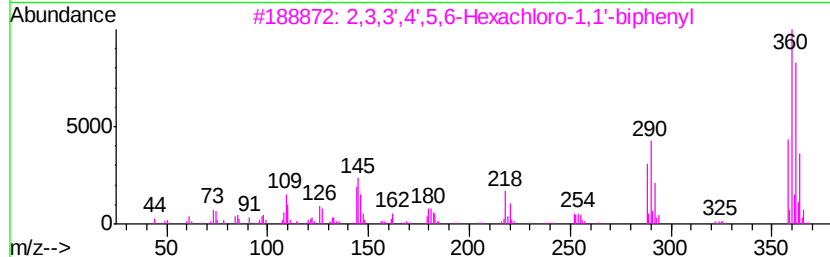
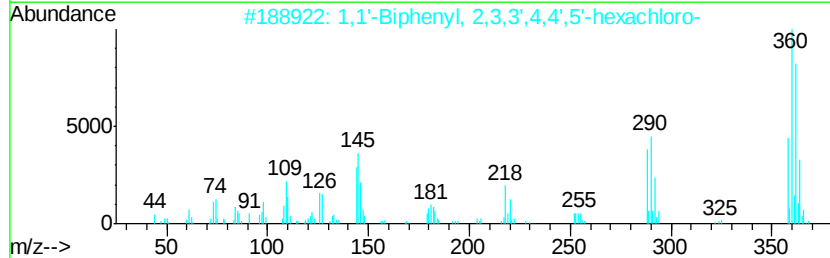
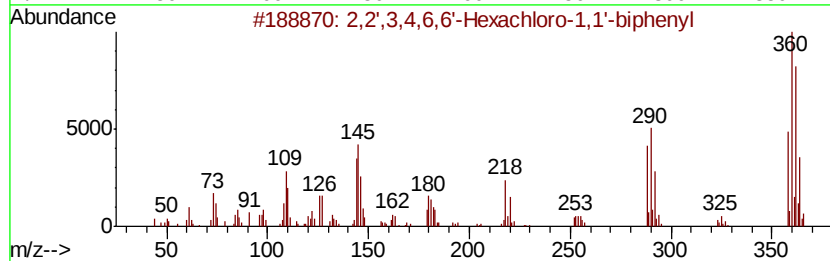
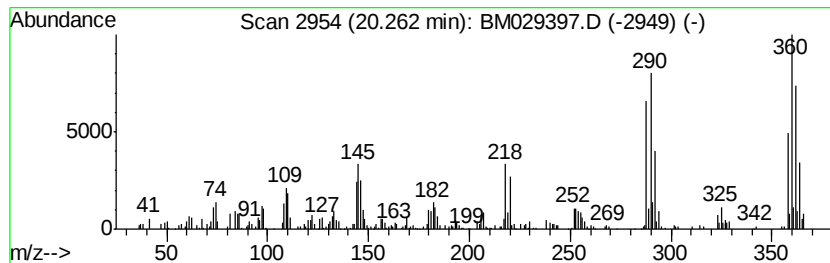
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 2,2',3,4,6,6'-Hexachloro-1,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.26	4.77 ng/ul	263444	Chrysene-d12	21.24		
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	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99	
3	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99	
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	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 : BM029397.D
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Operator : CG/JU
Sample : M1957-17
Misc : GCMS CONFIRMATION
ALS Vial : 36 Sample Multiplier: 1

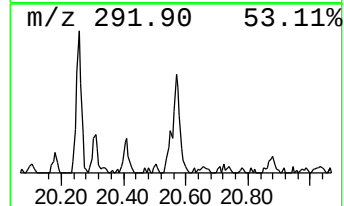
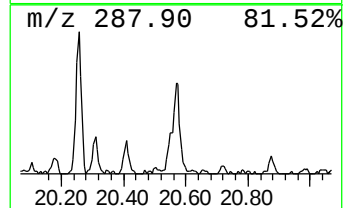
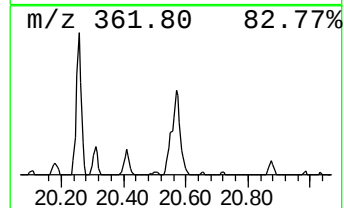
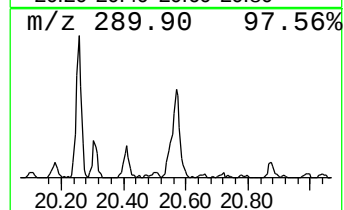
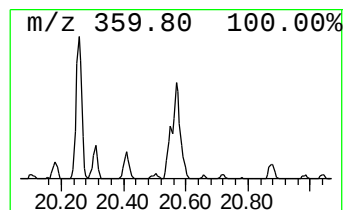
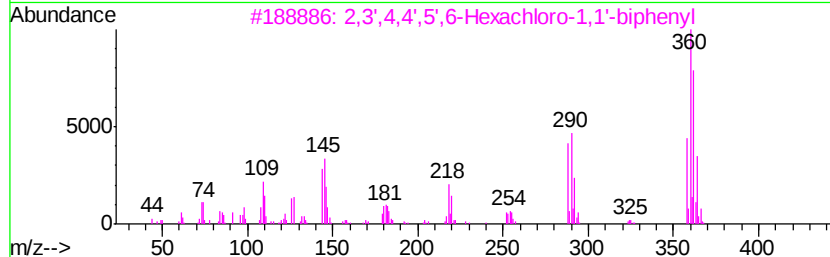
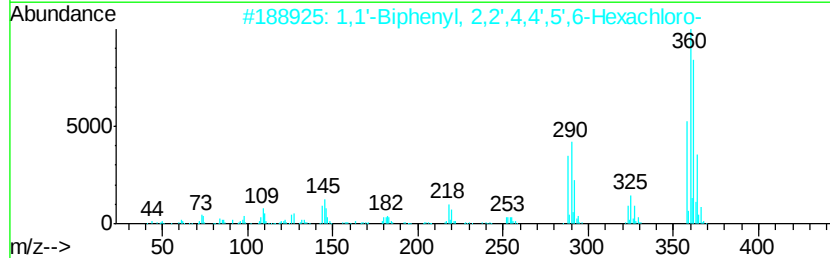
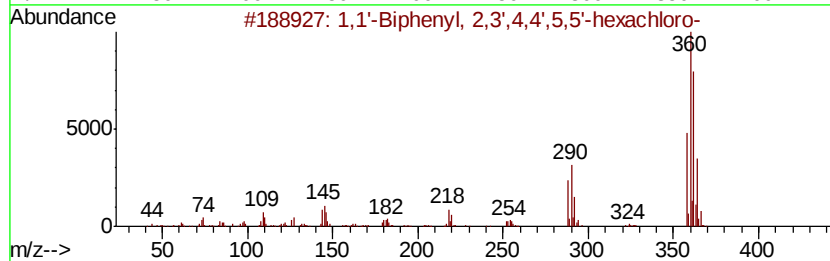
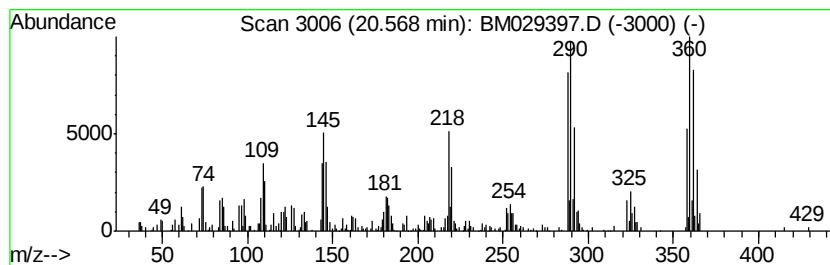
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	4.26 ng/ul	235020	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	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358 C12H4Cl6	060145-22-4	99
3	2,3',4,4',5',6-Hexachloro-1,1'-b...	358 C12H4Cl6	059291-65-5	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	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040721\
Data File : BM029397.D
Acq On : 08 Apr 2021 07:08
Operator : CG/JU
Sample : M1957-17
Misc : GCMS CONFIRMATION
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.95	3.6	ng/ul	149537	1	7.69	833875	20.0
(DEL) Alkane: Str...	3.12	62.5	ng/ul	2607430	1	7.69	833875	20.0
(DEL) Alkane: Cyc...	3.45	2.2	ng/ul	93359	1	7.69	833875	20.0
2,4',6-Trichloro-...	17.67	2.8	ng/ul	187723	4	17.06	1356500	20.0
1,1'-Biphenyl, 2,...	18.99	3.2	ng/ul	219266	4	17.06	1356500	20.0
2,3,3',4',5'- Pen...	19.27	2.6	ng/ul	142677	5	21.24	1103570	20.0
2,2',3,4,5,6-Hexa...	19.98	3.7	ng/ul	204767	5	21.24	1103570	20.0
2,2',3,4,6,6'-Hex...	20.26	4.8	ng/ul	263444	5	21.24	1103570	20.0
1,1'-Biphenyl, 2,...	20.57	4.3	ng/ul	235020	5	21.24	1103570	20.0