

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047144.D
 Acq On : 30 Oct 2020 8:08
 Operator : CG/JU
 Sample : L4506-01
 Misc : GCMS CONFIRMATION
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BF4

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_G\METHODS\SOM-EPA-BG102220MA.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	3.393	4	9	17	rVB	458965	517575	50.96%	8.292%
2	3.475	22	23	29	rVB	1086	1342	0.13%	0.021%
3	3.640	46	51	52	rBV	1975	3175	0.31%	0.051%
4	3.710	59	63	64	rBV2	2577	2984	0.29%	0.048%
5	3.740	64	68	73	rVB3	14135	18378	1.81%	0.294%
6	3.951	100	104	106	rBV2	1220	1507	0.15%	0.024%
7	4.033	117	118	122	rVB	1179	1293	0.13%	0.021%
8	4.121	131	133	137	rVB2	1320	1287	0.13%	0.021%
9	4.215	146	149	157	rVB4	3335	6453	0.64%	0.103%
10	4.368	173	175	178	rVB2	1304	1351	0.13%	0.022%
11	4.392	178	179	182	rBV	1354	1459	0.14%	0.023%
12	5.073	291	295	298	rBV	1199	2025	0.20%	0.032%
13	5.385	344	348	349	rBV2	1104	1500	0.15%	0.024%
14	5.426	352	355	359	rVB2	1275	1772	0.17%	0.028%
15	5.725	403	406	409	rVB	1138	1526	0.15%	0.024%
16	5.790	413	417	422	rBV	1428	2336	0.23%	0.037%
17	5.984	447	450	453	rVB2	1311	1729	0.17%	0.028%
18	6.525	539	542	545	rBV2	1356	1823	0.18%	0.029%
19	6.695	569	571	575	rVB2	1412	1724	0.17%	0.028%
20	7.042	627	630	634	rVB2	980	1570	0.15%	0.025%
21	7.153	647	649	652	rVB	1417	1447	0.14%	0.023%
22	7.623	724	729	733	rBV2	1442	2234	0.22%	0.036%
23	7.852	764	768	771	rVB	994	1743	0.17%	0.028%
24	8.052	794	802	809	rBV	198226	333292	32.82%	5.340%
25	8.105	809	811	814	rVB2	2389	2289	0.23%	0.037%
26	8.346	849	852	855	rVB	1254	1647	0.16%	0.026%
27	8.528	880	883	887	rBV	1142	1543	0.15%	0.025%
28	9.633	1070	1071	1079	rVB	1413	1559	0.15%	0.025%
29	10.079	1143	1147	1149	rVB	1019	1360	0.13%	0.022%
30	10.238	1173	1174	1179	rVB2	1413	1789	0.18%	0.029%
31	10.866	1272	1281	1294	rBV	226047	429898	42.33%	6.887%
32	11.407	1372	1373	1377	rBV	1313	1332	0.13%	0.021%
33	11.783	1434	1437	1441	rVB	1457	1719	0.17%	0.028%
34	12.141	1495	1498	1500	rBV	1630	1564	0.15%	0.025%

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35	12.606	1574	1577	1579	rBV	1121	1271	0.13%	0.020%
36	12.882	1622	1624	1628	rVB	1488	1407	0.14%	0.023%
37	13.170	1670	1673	1676	rBV	1047	1394	0.14%	0.022%
38	13.387	1705	1710	1712	rBV2	1106	1281	0.13%	0.021%
39	13.769	1771	1775	1776	rVB	1350	1452	0.14%	0.023%
40	14.445	1887	1890	1894	rBV	1135	1544	0.15%	0.025%
41	14.686	1923	1931	1940	rBV	384789	608874	59.95%	9.755%
42	14.785	1947	1948	1952	rVB2	1711	1425	0.14%	0.023%
43	14.832	1952	1956	1958	rVB	1562	1964	0.19%	0.031%
44	15.120	2002	2005	2008	rBV3	1349	1434	0.14%	0.023%
45	15.820	2120	2124	2128	rBV	1131	1941	0.19%	0.031%
46	15.961	2146	2148	2152	rVB2	1561	1439	0.14%	0.023%
47	16.125	2174	2176	2177	rBV	1473	1361	0.13%	0.022%
48	16.466	2232	2234	2239	rBV2	1638	2227	0.22%	0.036%
49	16.671	2266	2269	2271	rVB3	1466	1499	0.15%	0.024%
50	16.695	2271	2273	2277	rBV	1556	1797	0.18%	0.029%
51	16.771	2283	2286	2288	rBV	1708	1592	0.16%	0.026%
52	16.895	2302	2307	2308	rBV2	1955	2301	0.23%	0.037%
53	16.983	2319	2322	2325	rBV2	1310	2039	0.20%	0.033%
54	17.100	2340	2342	2345	rBV2	1467	1542	0.15%	0.025%
55	17.230	2359	2364	2366	rVV3	1294	2156	0.21%	0.035%
56	17.253	2366	2368	2370	rVB2	1726	1458	0.14%	0.023%
57	17.282	2370	2373	2376	rBV2	1910	2794	0.28%	0.045%
58	17.429	2392	2398	2413	rVV	510772	802346	79.00%	12.854%
59	17.541	2415	2417	2422	rVB	3928	4235	0.42%	0.068%
60	17.682	2439	2441	2446	rBV4	996	1367	0.13%	0.022%
61	17.964	2488	2489	2492	rBV2	1635	1308	0.13%	0.021%
62	18.035	2496	2501	2505	rVV2	4808	7581	0.75%	0.121%
63	18.140	2516	2519	2521	rBV3	2187	2318	0.23%	0.037%
64	18.281	2541	2543	2546	rVB3	2157	2654	0.26%	0.043%
65	18.311	2546	2548	2550	rBV2	1292	1354	0.13%	0.022%
66	18.340	2552	2553	2556	rVV2	2469	2433	0.24%	0.039%
67	18.399	2560	2563	2565	rBV2	1371	1456	0.14%	0.023%
68	18.493	2575	2579	2585	rVB3	37772	51298	5.05%	0.822%
69	18.563	2585	2591	2594	rBV3	8825	14045	1.38%	0.225%
70	18.593	2594	2596	2601	rVB4	3137	4578	0.45%	0.073%
71	18.693	2609	2613	2614	rBV3	2126	1852	0.18%	0.030%

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72	18.781	2624	2628	2632	rBV3	20363	25101	2.47%	0.402%
73	18.822	2633	2635	2638	rVV2	1860	1984	0.20%	0.032%
74	18.951	2655	2657	2660	rVB3	7277	7553	0.74%	0.121%
75	19.051	2672	2674	2675	rBV2	2838	1756	0.17%	0.028%
76	19.257	2707	2709	2713	rBV4	6059	7869	0.77%	0.126%
77	19.310	2714	2718	2719	rVV2	20403	24539	2.42%	0.393%
78	19.339	2719	2723	2729	rVB3	71646	106803	10.52%	1.711%
79	19.415	2734	2736	2743	rVB6	7920	9173	0.90%	0.147%
80	19.480	2745	2747	2753	rVB4	9038	9593	0.94%	0.154%
81	19.539	2753	2757	2762	rBV6	18788	29484	2.90%	0.472%
82	19.615	2765	2770	2776	rVV2	115882	155660	15.33%	2.494%
83	19.680	2777	2781	2786	rVB2	40928	47763	4.70%	0.765%
84	19.803	2800	2802	2806	rVB4	6784	6583	0.65%	0.105%
85	19.879	2811	2815	2818	rVV4	32767	40179	3.96%	0.644%
86	19.956	2823	2828	2833	rVV2	55274	72504	7.14%	1.162%
87	20.003	2833	2836	2840	rVV5	21424	26857	2.64%	0.430%
88	20.062	2841	2846	2851	rVB	127214	167991	16.54%	2.691%
89	20.185	2864	2867	2868	rBV3	8791	9909	0.98%	0.159%
90	20.320	2885	2890	2895	rBV7	52215	76467	7.53%	1.225%
91	20.373	2895	2899	2907	rVB	104012	133748	13.17%	2.143%
92	20.596	2933	2937	2942	rVB3	67959	82457	8.12%	1.321%
93	20.649	2942	2946	2948	rBV4	34336	45717	4.50%	0.732%
94	20.679	2948	2951	2955	rVB2	51840	64750	6.38%	1.037%
95	20.743	2960	2962	2963	rBV2	10673	8821	0.87%	0.141%
96	20.919	2985	2992	2999	rVB3	82411	136081	13.40%	2.180%
97	21.254	3046	3049	3053	rVB6	24069	28498	2.81%	0.457%
98	21.542	3096	3098	3103	rBV6	13601	18876	1.86%	0.302%
99	21.701	3118	3125	3137	rBV2	585745	1015600	100.00%	16.271%
100	24.938	3666	3676	3688	rVB2	348018	978323	96.33%	15.674%

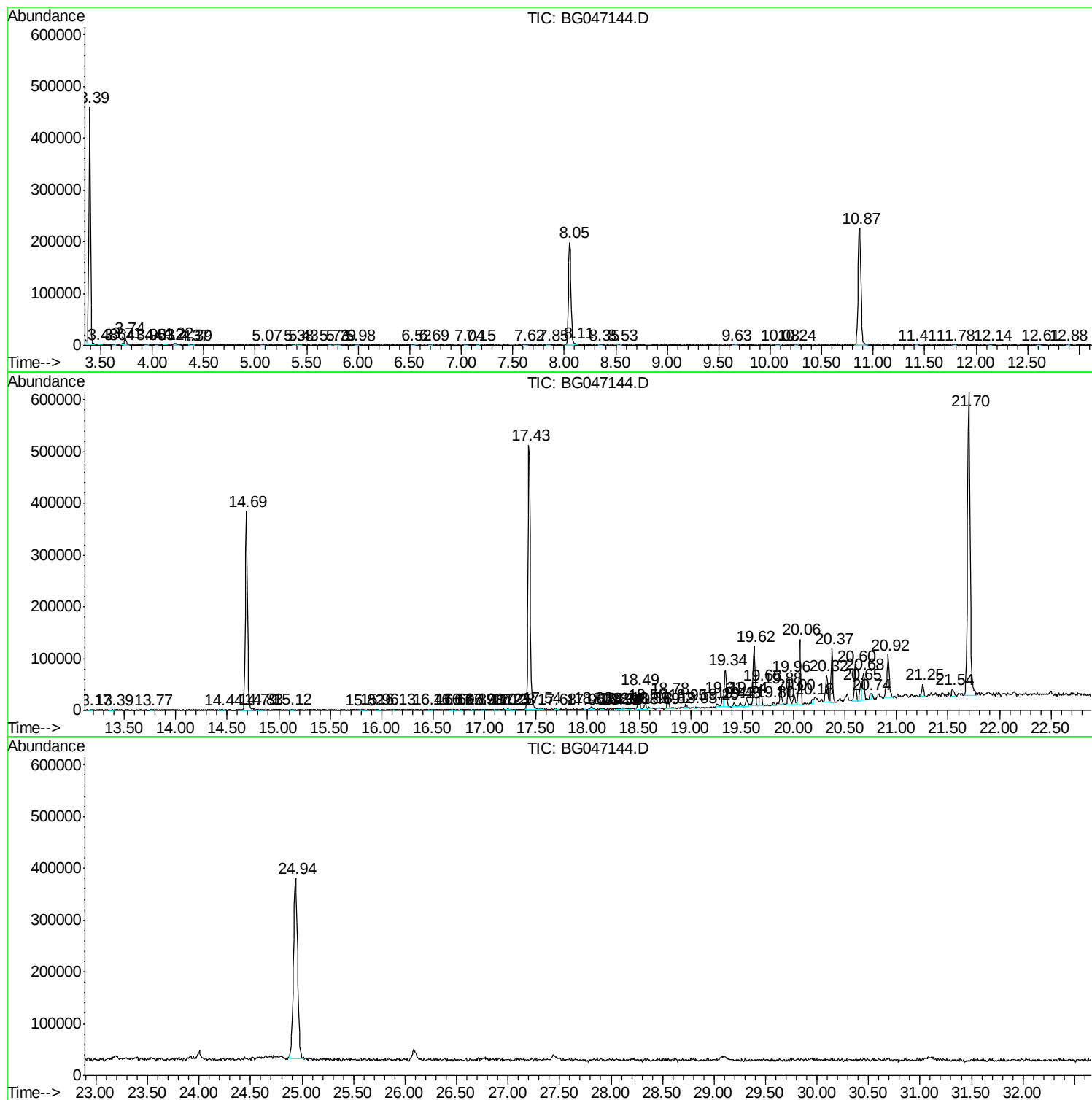
Sum of corrected areas: 6241881

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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



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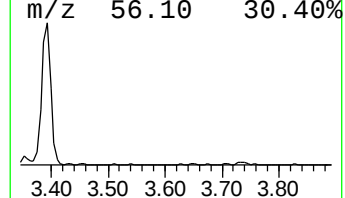
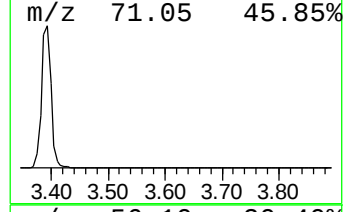
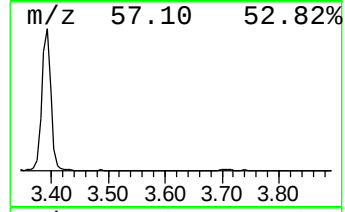
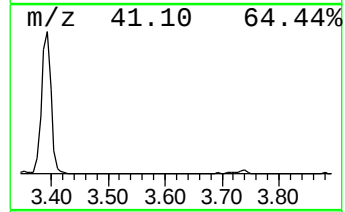
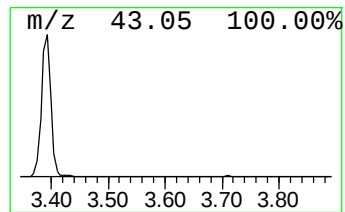
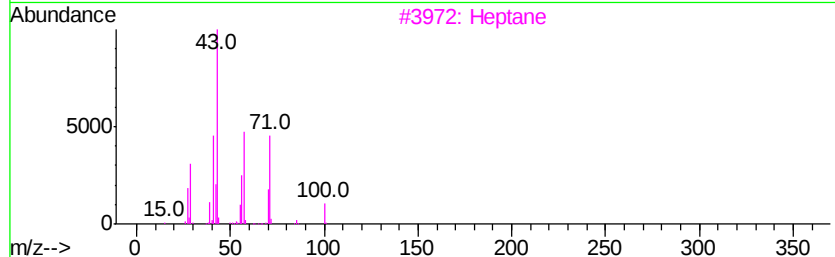
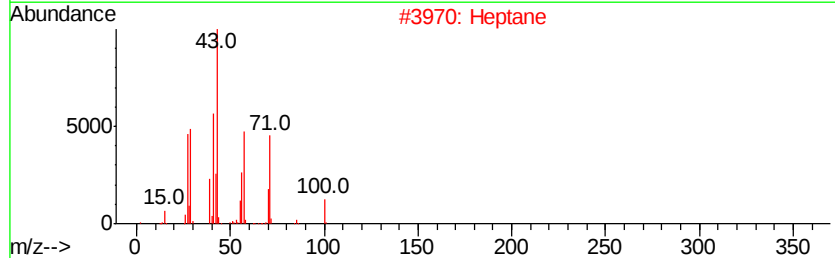
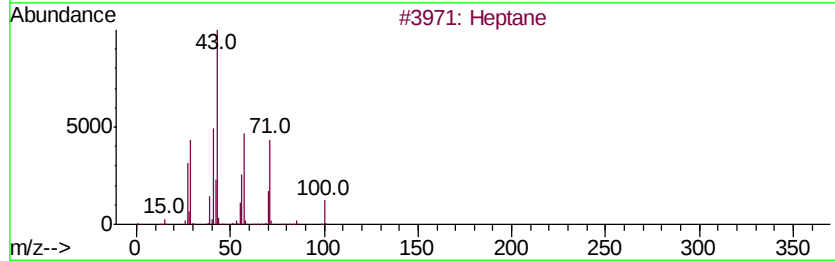
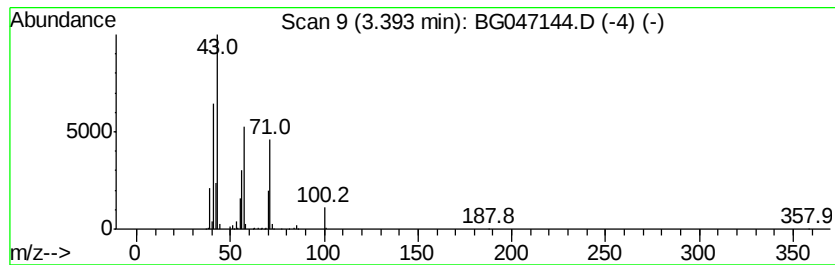
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	31.06 ng/ul	517575	1,4-Dichlorobenzene-d4	8.05

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	91
4		Heptane	100	C7H16	000142-82-5	80
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45



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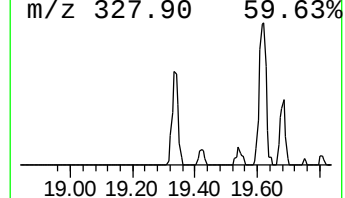
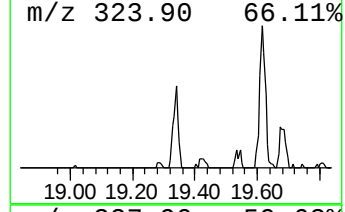
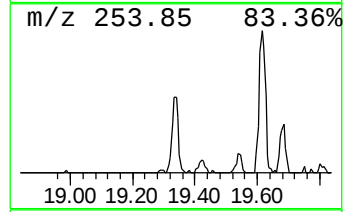
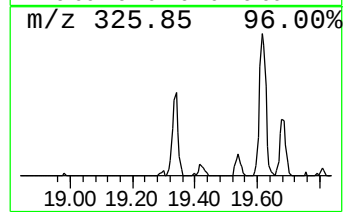
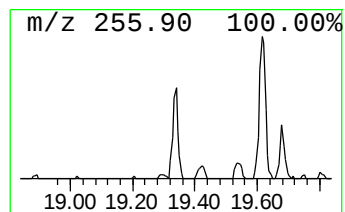
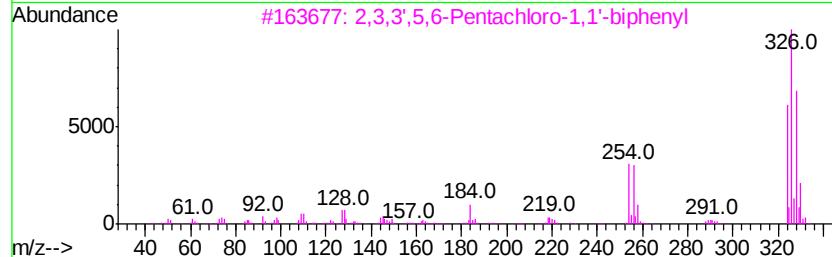
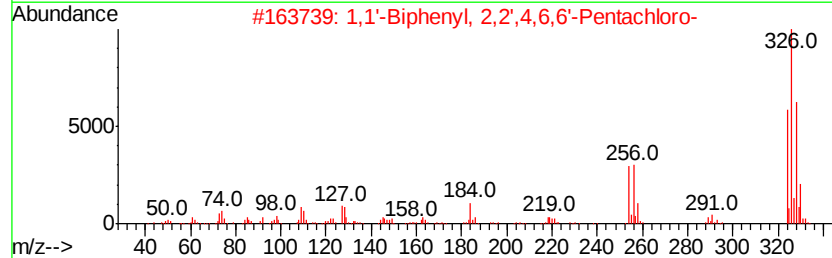
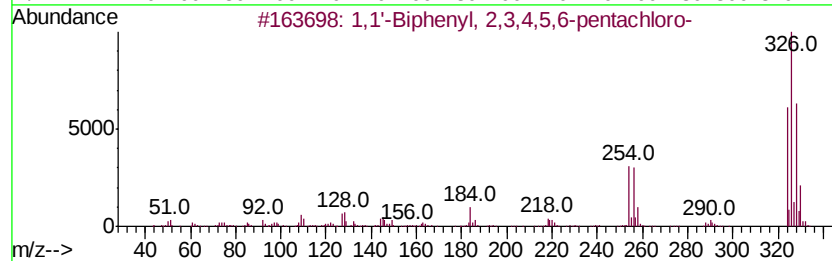
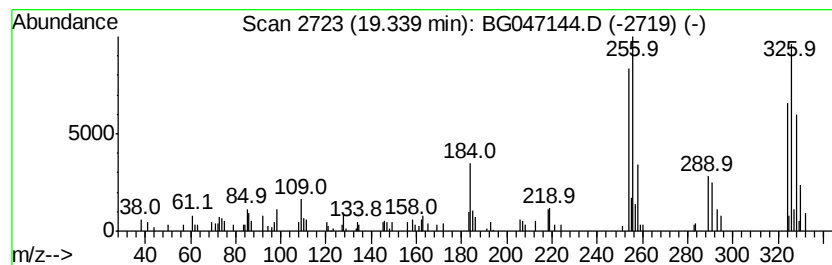
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.34	2.66 ng/ul	106803	Phenanthrene-d10	17.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,5,6-pentachloro-1,1'-biph...	324	C12H5Cl5	018259-05-7	96
2	1,1'-Biphenyl, 2,2',4,6,6'-Pentachloro-1,1'-biph...	324	C12H5Cl5	056558-16-8	95
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	95
4	1,1'-Biphenyl, 2,3,3',4',6-pentachloro-1,1'-biph...	324	C12H5Cl5	038380-03-9	95
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95



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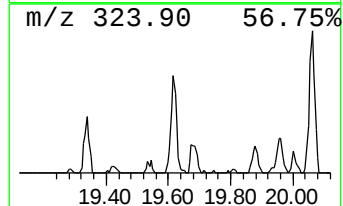
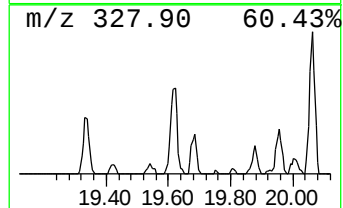
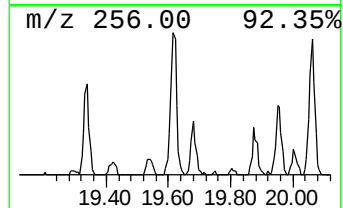
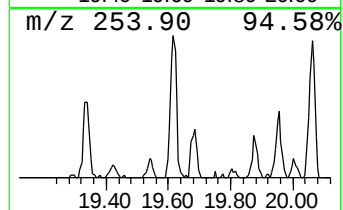
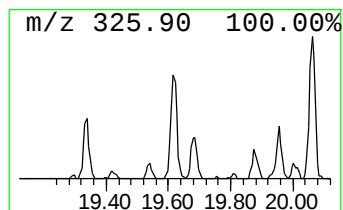
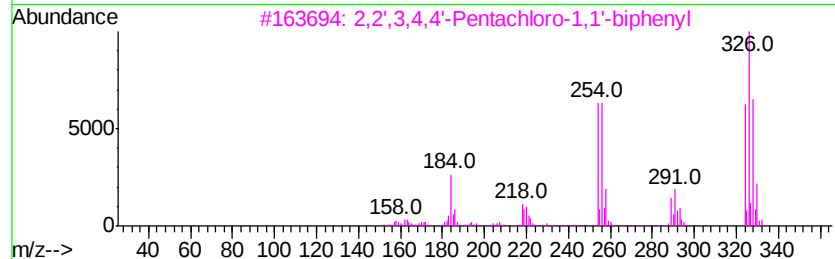
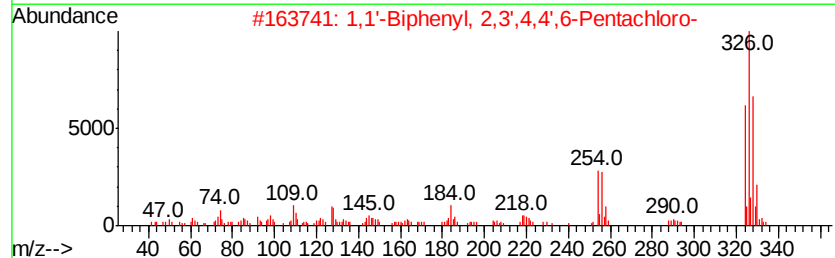
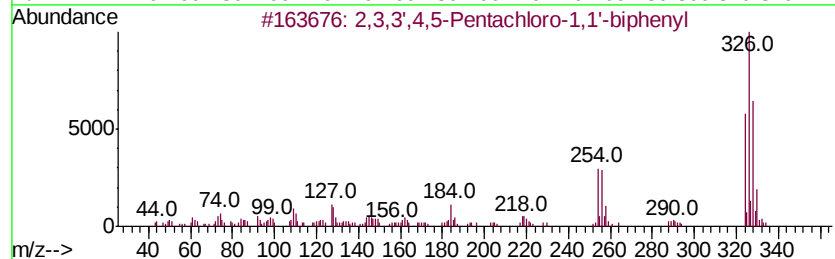
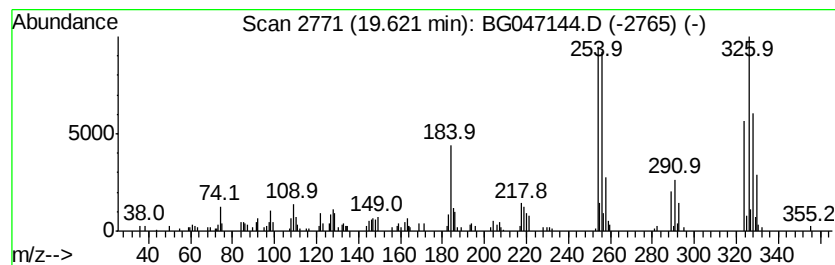
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.07 ng/ul	155660	Chrysene-d12	21.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	97		
2	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	97		
3	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96		
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96		
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	95		



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047144.D
Acq On : 30 Oct 2020 8:08
Operator : CG/JU
Sample : L4506-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BF4

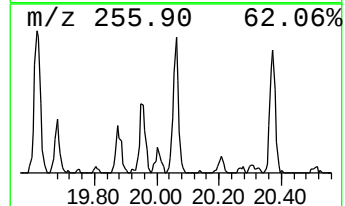
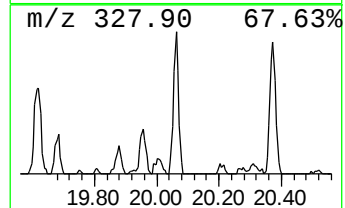
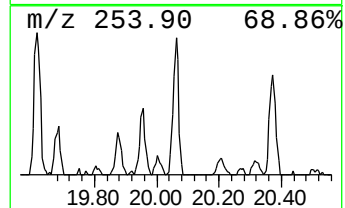
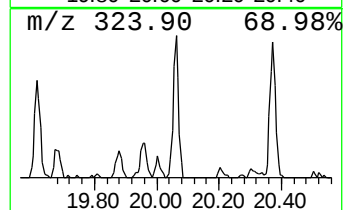
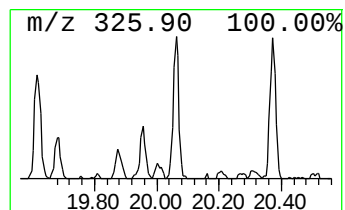
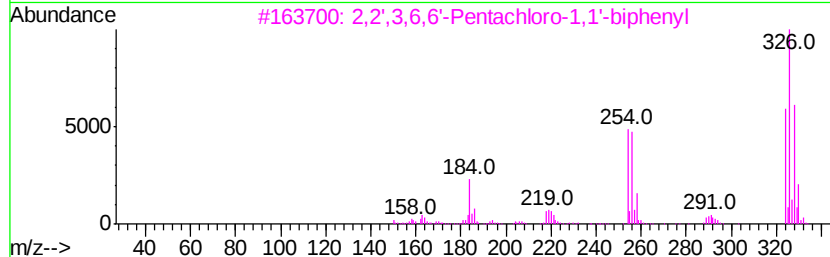
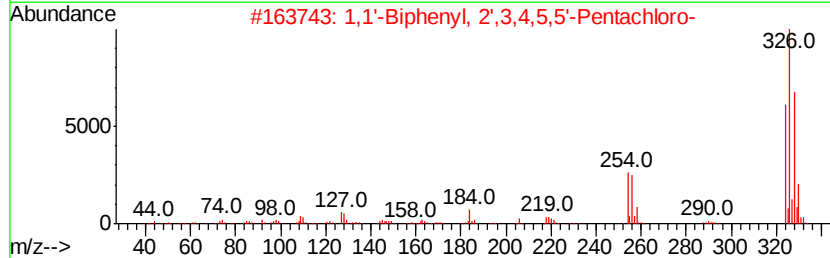
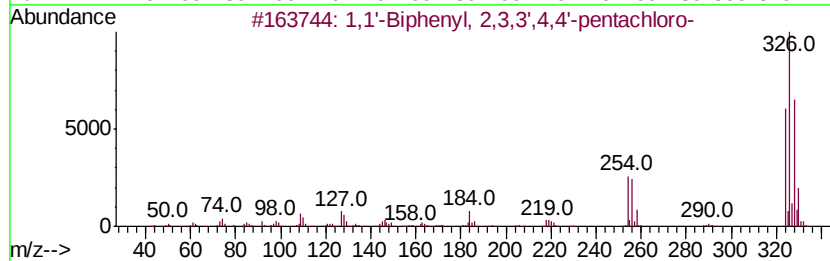
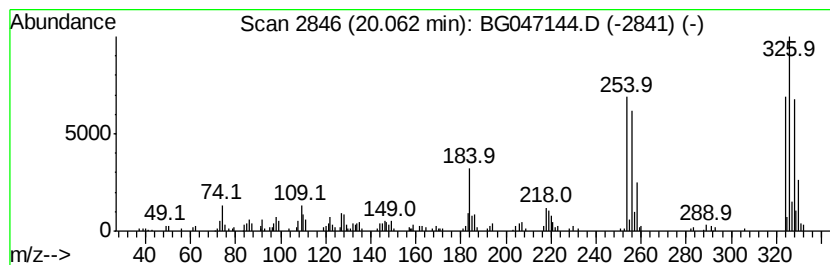
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.31 ng/ul	167991	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97
2		1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
3		2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95
4		2,3,3',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	95
5		2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047144.D
Acq On : 30 Oct 2020 8:08
Operator : CG/JU
Sample : L4506-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BF4

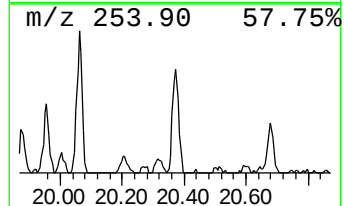
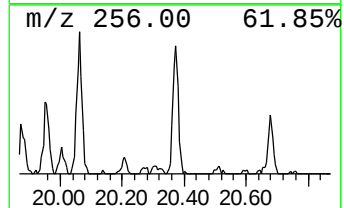
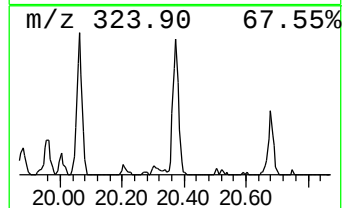
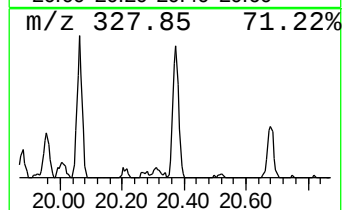
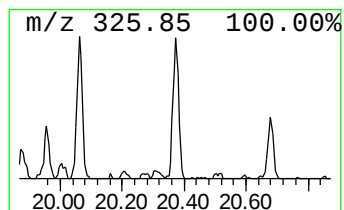
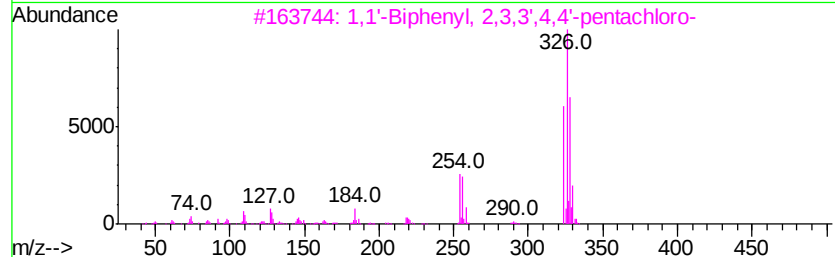
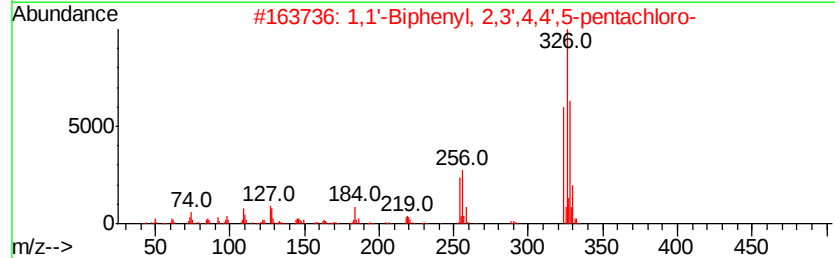
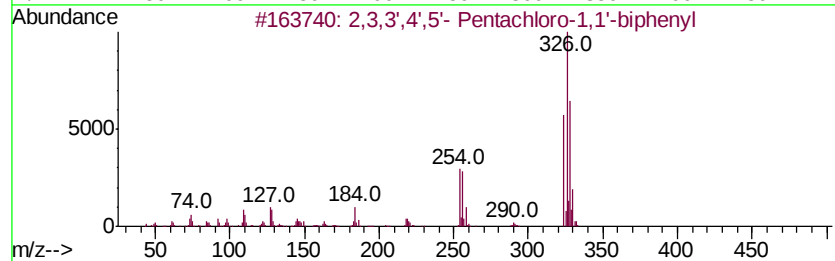
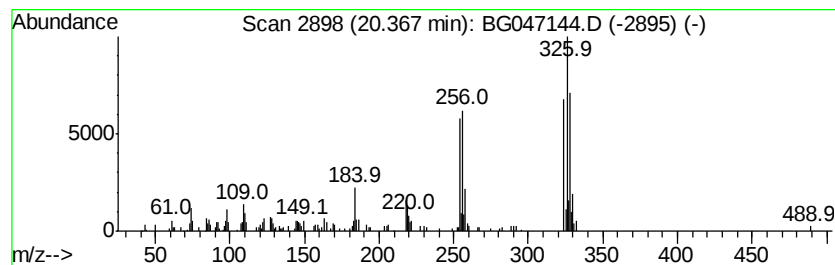
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.63 ng/ul	133748	Chrysene-d12	21.70

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',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
5		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	97



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Sample : L4506-01
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BF4

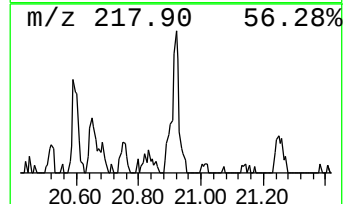
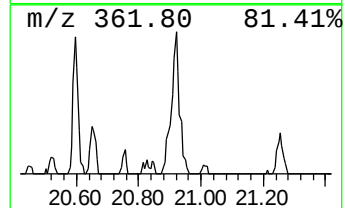
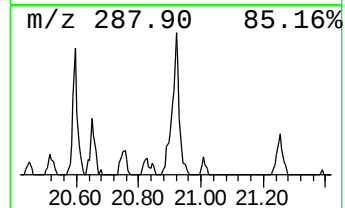
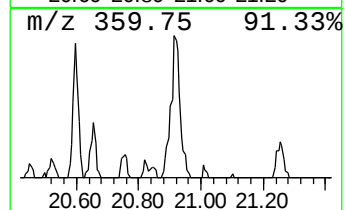
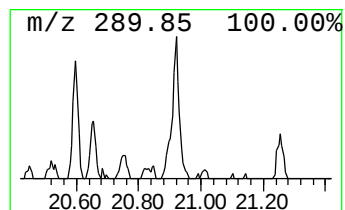
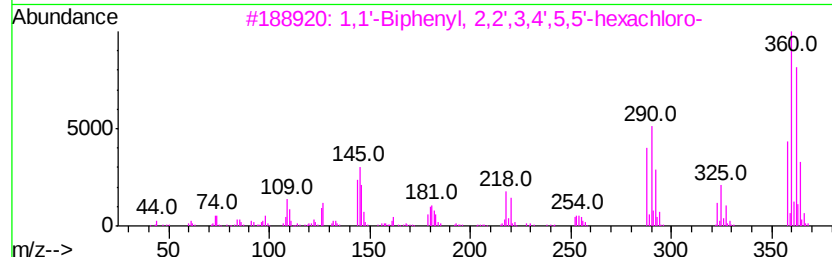
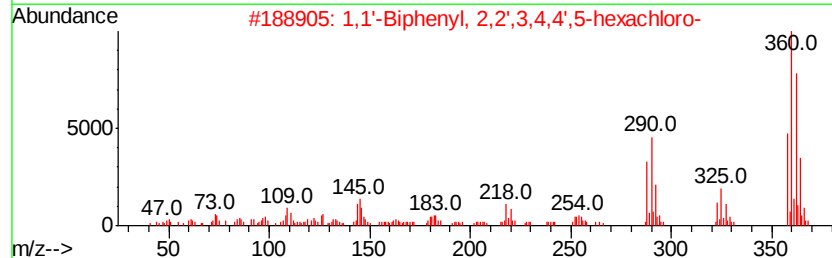
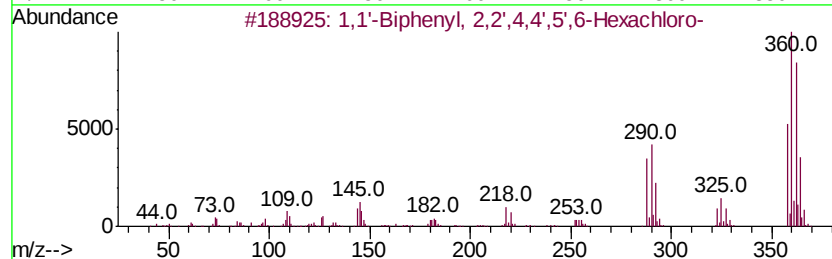
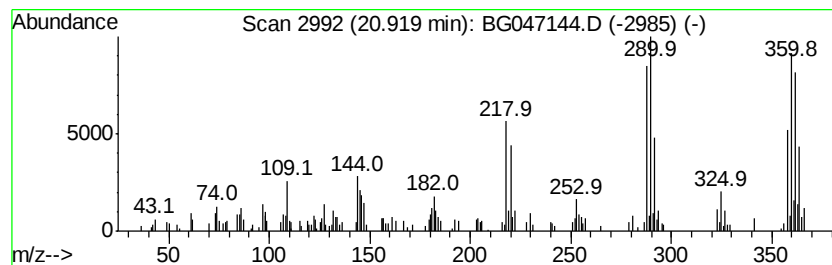
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.68 ng/ul	136081	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	98
2		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	97
3		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	97
4		1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	97
5		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	96



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Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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...	3.39	31.1	ng/ul	517575	1	8.05	333292	20.0
1,1'-Biphenyl, 2,...	19.34	2.7	ng/ul	106803	4	17.43	802346	20.0
2,3,3',4,5-Pentac...	19.62	3.1	ng/ul	155660	5	21.70	1015600	20.0
1,1'-Biphenyl, 2,...	20.06	3.3	ng/ul	167991	5	21.70	1015600	20.0
2,3,3',4',5'- Pen...	20.37	2.6	ng/ul	133748	5	21.70	1015600	20.0
1,1'-Biphenyl, 2,...	20.92	2.7	ng/ul	136081	5	21.70	1015600	20.0