

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
 Data File : BN014916.D
 Acq On : 15 Jun 2021 01:49
 Operator : CG/JU
 Sample : M2693-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 M2693-0231

Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: 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_N\METHODS\SFAM-EPA-BN061221MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN014916.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	4	8	14	rVB	1152499	1150350	53.57%	5.177%
2	3.464	61	64	69	rVB2	45669	57964	2.70%	0.261%
3	3.587	83	85	86	rBV	9628	4672	0.22%	0.021%
4	3.922	139	142	145	rBV4	11011	14901	0.69%	0.067%
5	4.458	229	233	234	rVB2	8681	7871	0.37%	0.035%
6	4.622	259	261	264	rBV3	5658	5505	0.26%	0.025%
7	4.681	269	271	273	rBV	6093	6476	0.30%	0.029%
8	4.881	303	305	306	rBV	8215	5022	0.23%	0.023%
9	4.916	309	311	316	rVV4	8658	12329	0.57%	0.055%
10	4.981	320	322	324	rVB2	6607	4419	0.21%	0.020%
11	5.005	324	326	329	rBV3	4925	4896	0.23%	0.022%
12	5.063	334	336	338	rVB	8474	5051	0.24%	0.023%
13	5.240	364	366	367	rBV2	6995	5907	0.28%	0.027%
14	5.428	396	398	401	rVB3	4162	4352	0.20%	0.020%
15	5.516	411	413	415	rVB3	5689	4445	0.21%	0.020%
16	6.481	575	577	580	rBV2	5779	6491	0.30%	0.029%
17	6.516	581	583	586	rVB	4561	3763	0.18%	0.017%
18	6.699	611	614	615	rBV3	3253	3785	0.18%	0.017%
19	6.887	645	646	649	rBV2	3488	3956	0.18%	0.018%
20	7.016	666	668	670	rBV2	5092	5523	0.26%	0.025%
21	7.687	775	782	792	rBV2	538537	881586	41.05%	3.967%
22	7.952	825	827	830	rBV	4230	3973	0.19%	0.018%
23	8.140	857	859	863	rBV2	3990	4976	0.23%	0.022%
24	9.610	1106	1109	1111	rBV2	3331	3822	0.18%	0.017%
25	10.075	1187	1188	1192	rBV2	4385	3912	0.18%	0.018%
26	10.240	1213	1216	1219	rBV2	3339	4007	0.19%	0.018%
27	10.340	1229	1233	1236	rBV4	9125	15662	0.73%	0.070%
28	10.469	1248	1255	1264	rBV	592582	1040791	48.47%	4.684%
29	11.557	1437	1440	1442	rBV	2820	3744	0.17%	0.017%
30	12.181	1544	1546	1550	rVB2	2897	3817	0.18%	0.017%
31	12.504	1596	1601	1602	rBV3	2788	3700	0.17%	0.017%
32	12.722	1634	1638	1639	rVB3	4915	4784	0.22%	0.022%
33	13.063	1692	1696	1699	rVB	3704	4832	0.23%	0.022%
34	13.216	1720	1722	1725	rVB2	4286	4167	0.19%	0.019%
35	13.375	1744	1749	1751	rBV2	4131	6234	0.29%	0.028%
36	13.728	1805	1809	1812	rBV2	3011	4356	0.20%	0.020%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Title : SVOA CALIBRATION

37	13.810	1822	1823	1827	rVB2	4101	3964	0.18%	0.018%
38	13.892	1835	1837	1841	rVB3	3718	3986	0.19%	0.018%
39	14.063	1864	1866	1867	rBV	5092	3885	0.18%	0.017%
40	14.087	1869	1870	1874	rVB4	5308	5208	0.24%	0.023%
41	14.339	1905	1913	1923	rBV	929377	1445070	67.29%	6.503%
42	14.428	1923	1928	1929	rVB5	7401	7486	0.35%	0.034%
43	14.439	1929	1930	1934	rBV4	6324	6639	0.31%	0.030%
44	14.563	1949	1951	1952	rBV2	4039	3689	0.17%	0.017%
45	14.592	1954	1956	1958	rBV2	5833	6385	0.30%	0.029%
46	14.669	1966	1969	1970	rBV3	5994	5025	0.23%	0.023%
47	14.692	1970	1973	1975	rVV	6173	7640	0.36%	0.034%
48	14.728	1977	1979	1982	rVV3	8782	10785	0.50%	0.049%
49	14.775	1984	1987	1989	rVB3	5706	6776	0.32%	0.030%
50	15.104	2042	2043	2045	rBV2	5116	4013	0.19%	0.018%
51	15.122	2045	2046	2049	rVV3	8277	6795	0.32%	0.031%
52	15.351	2083	2085	2087	rBV3	5446	4954	0.23%	0.022%
53	15.375	2087	2089	2090	rBV2	8519	5927	0.28%	0.027%
54	15.451	2098	2102	2103	rBV3	6122	5406	0.25%	0.024%
55	15.469	2103	2105	2110	rVV6	11120	18013	0.84%	0.081%
56	15.510	2110	2112	2114	rVB3	8037	6279	0.29%	0.028%
57	15.563	2119	2121	2123	rBV2	7681	7974	0.37%	0.036%
58	15.663	2136	2138	2141	rBV3	5757	8830	0.41%	0.040%
59	15.839	2166	2168	2169	rBV2	8875	8027	0.37%	0.036%
60	15.951	2185	2187	2188	rBV2	9285	6397	0.30%	0.029%
61	16.022	2192	2199	2201	rBV8	14299	28159	1.31%	0.127%
62	16.063	2205	2206	2208	rBV2	10573	5824	0.27%	0.026%
63	16.175	2223	2225	2226	rBV2	10921	8224	0.38%	0.037%
64	16.222	2231	2233	2234	rBV	6986	4128	0.19%	0.019%
65	16.351	2253	2255	2257	rBV3	11265	11254	0.52%	0.051%
66	16.392	2261	2262	2263	rBV	13891	6563	0.31%	0.030%
67	17.092	2375	2381	2394	rVB	1228775	1874073	87.27%	8.433%
68	17.280	2408	2413	2418	rBV9	42636	75261	3.50%	0.339%
69	17.704	2480	2485	2494	rVB2	139847	261308	12.17%	1.176%
70	18.175	2561	2565	2569	rVB4	133670	181458	8.45%	0.817%
71	18.233	2571	2575	2579	rVB5	91338	108722	5.06%	0.489%
72	18.457	2610	2613	2618	rVB5	78524	99636	4.64%	0.448%
73	18.633	2640	2643	2647	rVB5	60220	79534	3.70%	0.358%
74	19.027	2702	2710	2716	rVB4	325959	607747	28.30%	2.735%
75	19.245	2742	2747	2750	rBV7	71511	127896	5.96%	0.576%
76	19.310	2754	2758	2763	rVB2	376719	494389	23.02%	2.225%

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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 >
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77	19.651	2813	2816	2822	rVB8	76354	106199	4.95%	0.478%
78	19.739	2827	2831	2832	rBV3	154478	173178	8.06%	0.779%
79	19.880	2851	2855	2859	rBV2	259825	324520	15.11%	1.460%
80	19.927	2860	2863	2869	rVB7	121667	217995	10.15%	0.981%
81	20.021	2875	2879	2883	rBV2	761720	939178	43.74%	4.226%
82	20.074	2885	2888	2893	rVB3	106534	136754	6.37%	0.615%
83	20.227	2910	2914	2920	rVB7	119991	175602	8.18%	0.790%
84	20.304	2922	2927	2931	rVV2	974956	1211453	56.42%	5.452%
85	20.357	2931	2936	2944	rVB4	262390	420109	19.56%	1.891%
86	20.457	2949	2953	2959	rVB4	296923	470994	21.93%	2.120%
87	20.551	2967	2969	2973	rVB5	72294	79863	3.72%	0.359%
88	20.616	2973	2980	2987	rBV2	649439	1218846	56.76%	5.485%
89	20.769	3002	3006	3011	rVV	387337	469018	21.84%	2.111%
90	20.833	3013	3017	3022	rVB5	222370	285203	13.28%	1.283%
91	20.921	3029	3032	3036	rVB6	79158	93021	4.33%	0.419%
92	21.033	3047	3051	3056	rBV2	344761	452809	21.09%	2.038%
93	21.092	3057	3061	3067	rVB6	214292	291992	13.60%	1.314%
94	21.145	3067	3070	3073	rBV5	124976	159145	7.41%	0.716%
95	21.292	3090	3095	3098	rBV	1567479	2091471	97.40%	9.412%
96	21.321	3098	3100	3107	rVB3	835216	1033100	48.11%	4.649%
97	21.633	3149	3153	3160	rBV3	344183	529699	24.67%	2.384%
98	21.763	3172	3175	3180	rVB5	152922	191763	8.93%	0.863%
99	22.333	3269	3272	3276	rBV6	81579	117161	5.46%	0.527%
100	23.545	3471	3478	3487	rBV	1125636	2147375	100.00%	9.663%

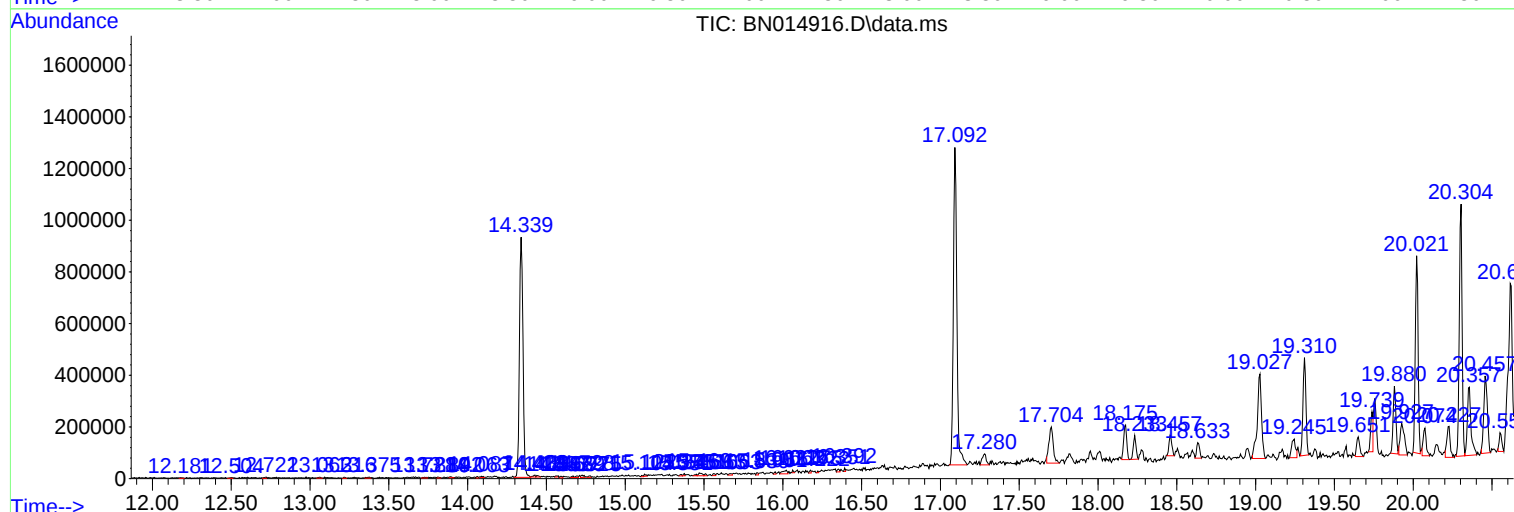
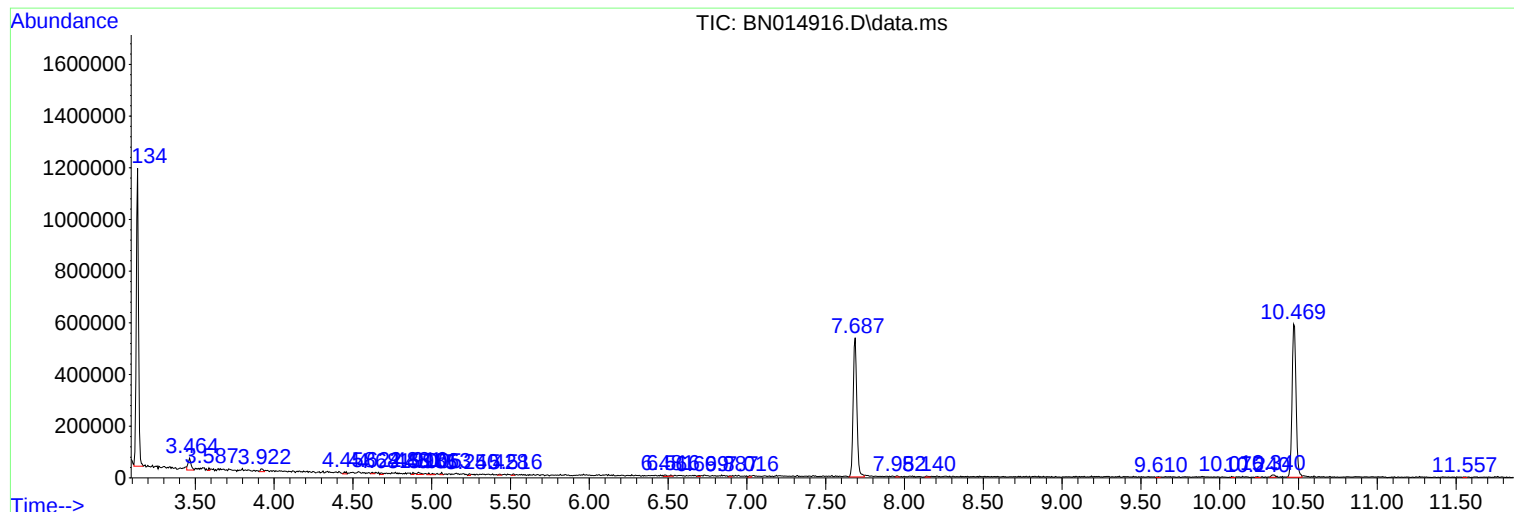
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION

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



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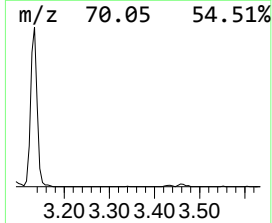
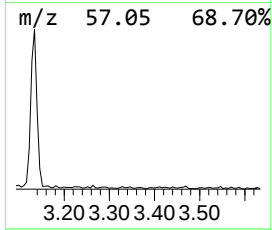
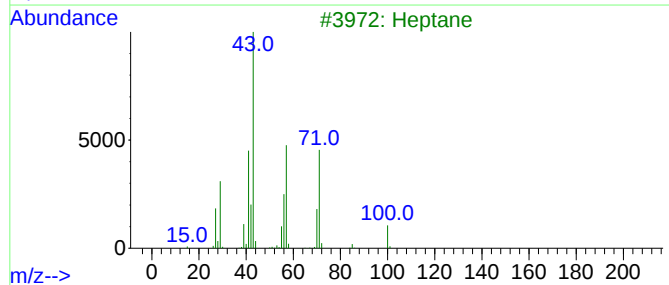
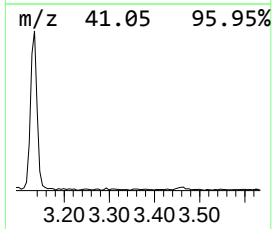
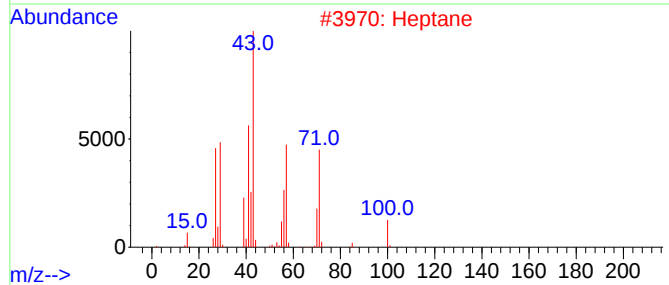
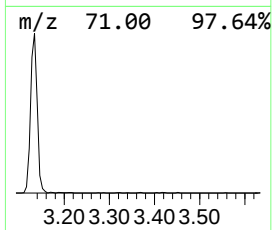
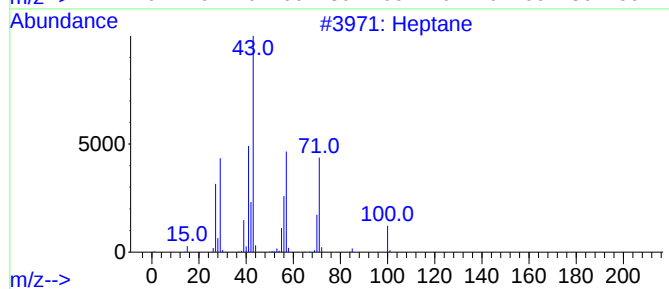
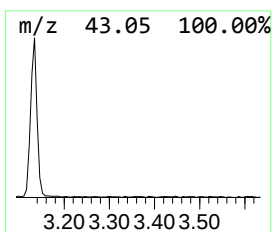
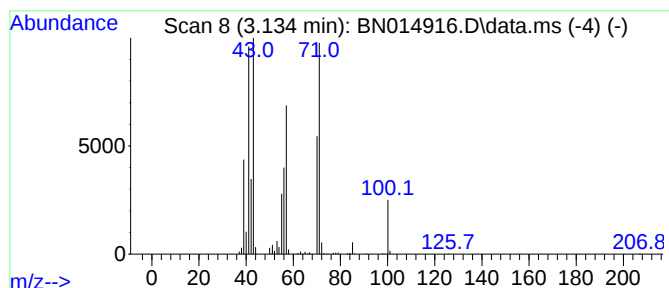
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION

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.
3.134	26.10 ng/ul	1150350	1,4-Dichlorobenzene-d4	7.687

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	59
2	Heptane			100	C7H16	000142-82-5	59
3	Heptane			100	C7H16	000142-82-5	50
4	Heptane			100	C7H16	000142-82-5	50
5	Hexane, 3-methyl-			100	C7H16	000589-34-4	47



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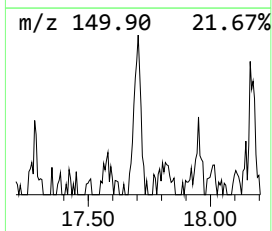
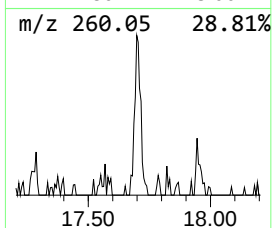
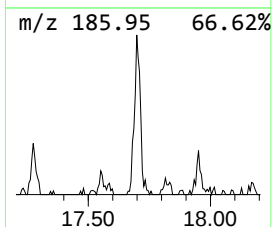
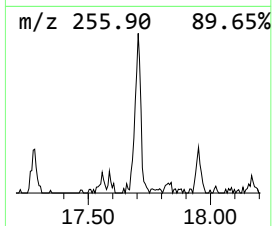
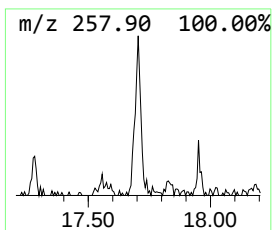
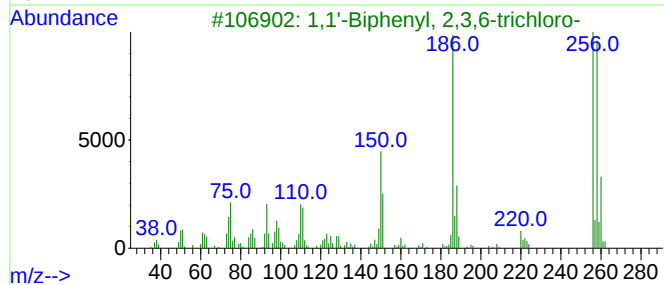
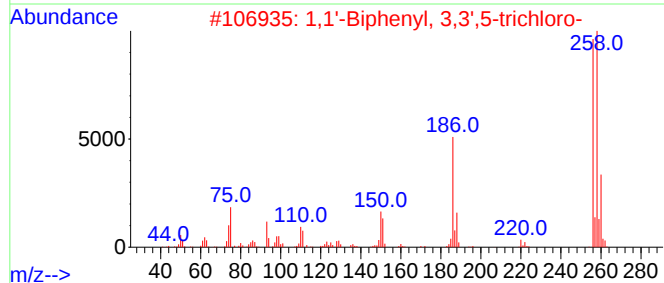
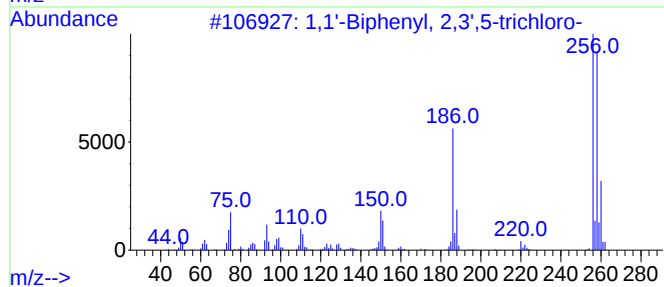
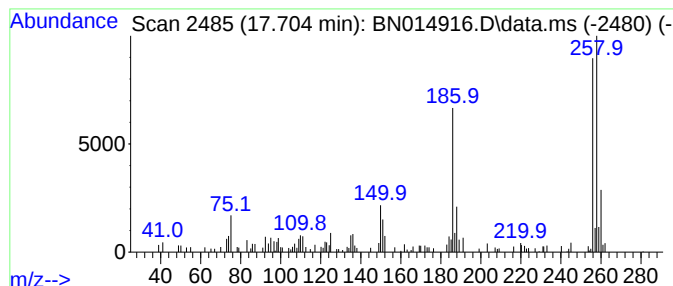
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.704	2.79 ng/ul	261308	Phenanthrene-d10	17.092

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99	
2	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99	
3	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99	
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99	
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99	



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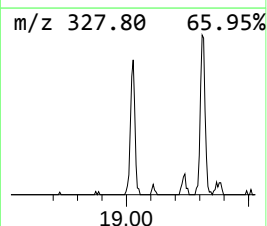
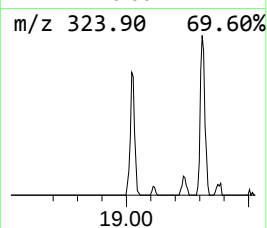
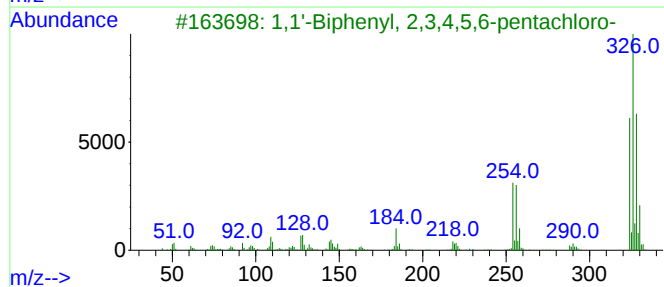
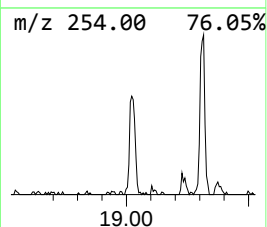
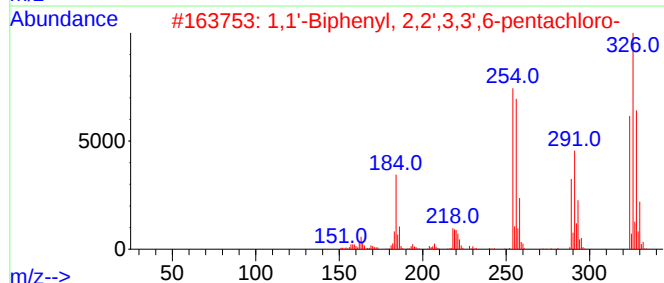
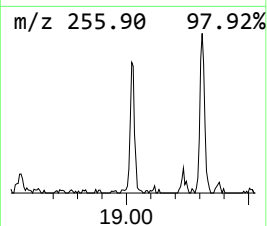
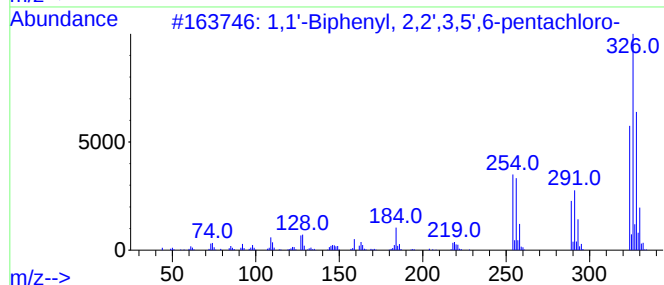
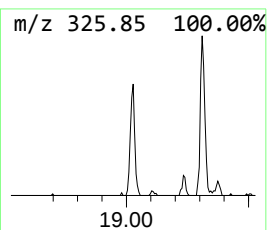
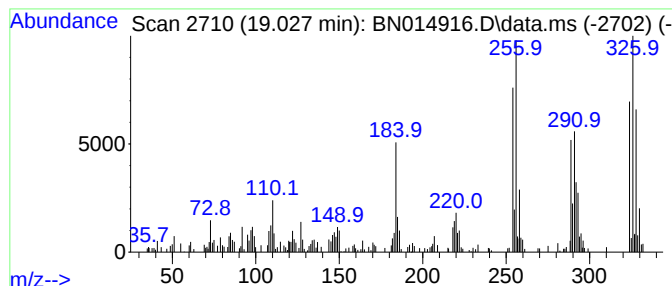
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.027	6.49 ng/ul	607747	Phenanthrene-d10	17.092	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	98
4	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	98
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	97



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Acq On : 15 Jun 2021 01:49
Operator : CG/JU
Sample : M2693-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

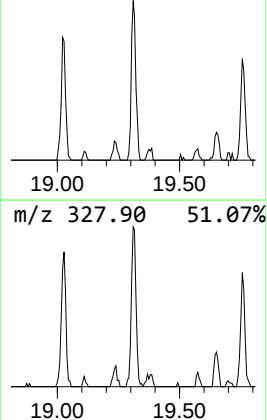
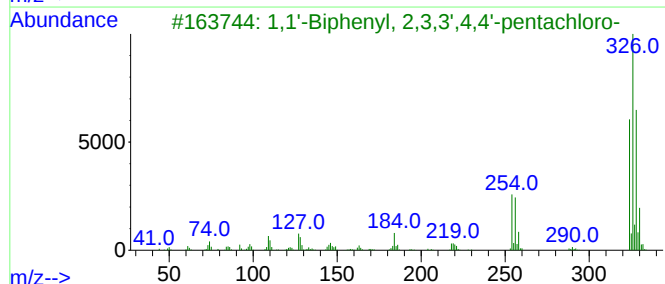
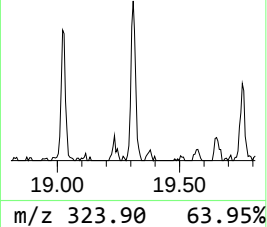
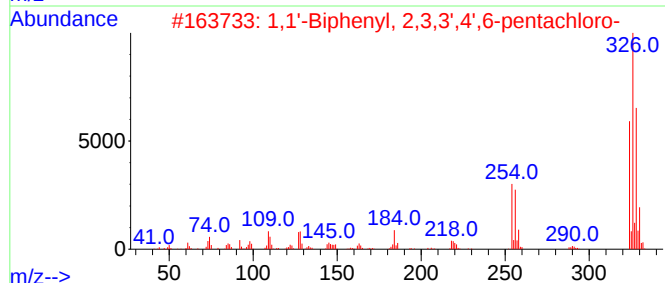
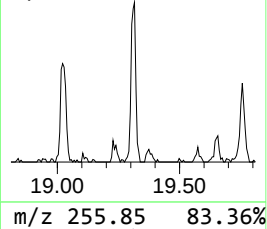
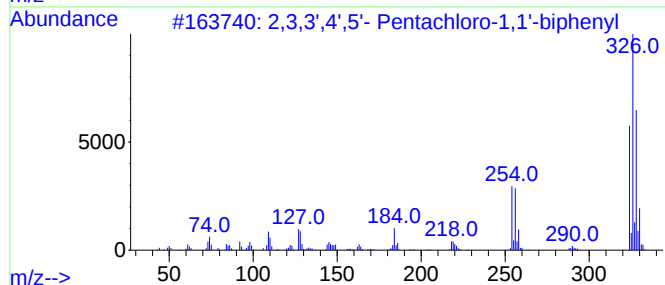
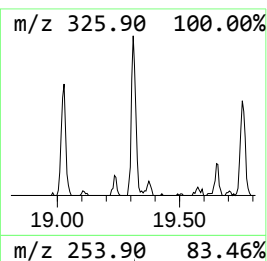
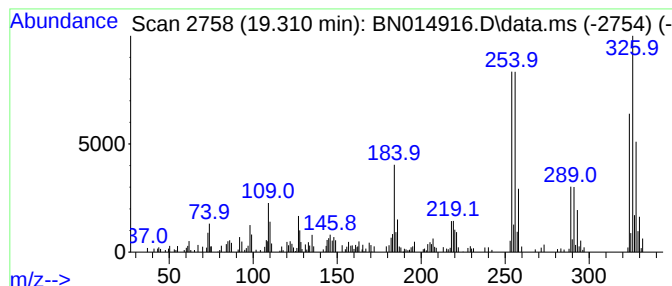
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.310	4.73 ng/ul	494389	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	98



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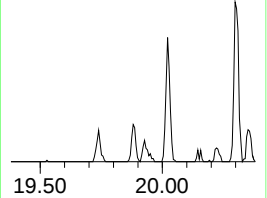
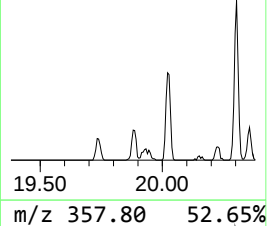
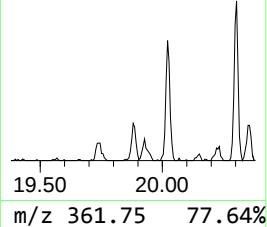
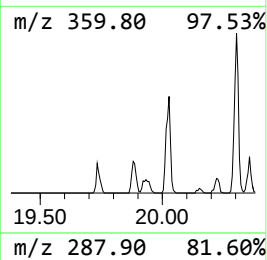
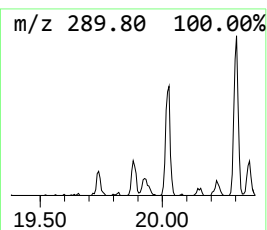
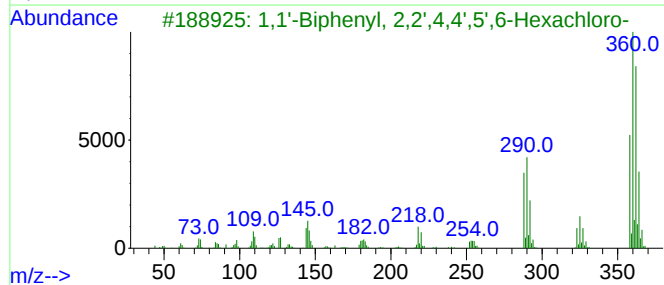
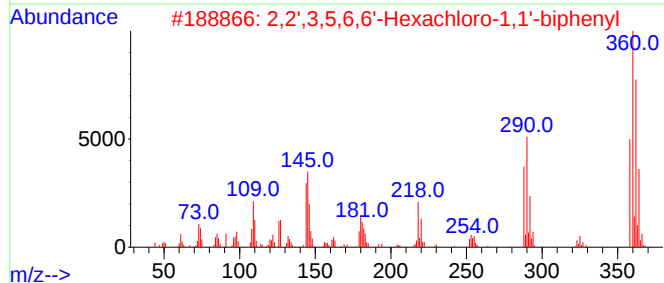
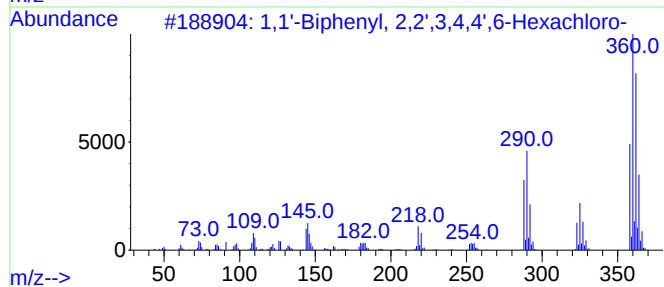
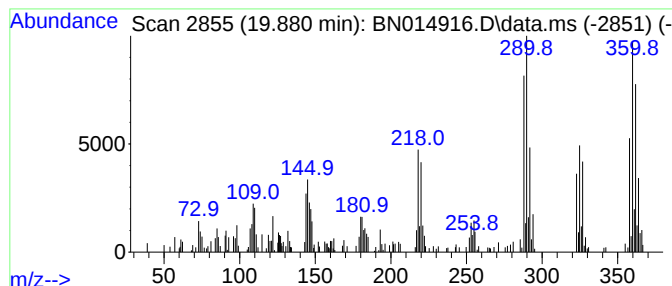
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.880	3.10 ng/ul	324520	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	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',6-He...	358	C12H4Cl6	060145-22-4	99
4	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99



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Sample : M2693-05
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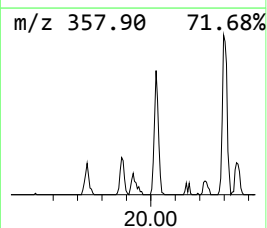
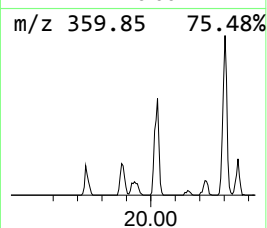
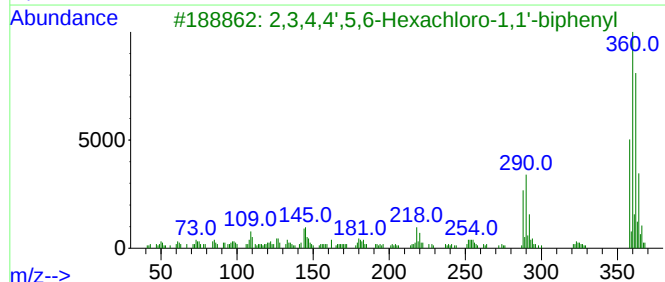
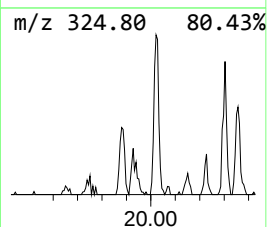
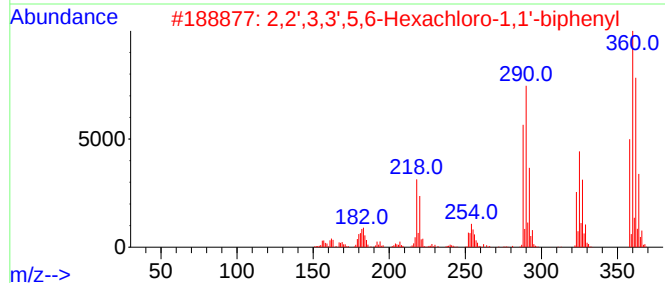
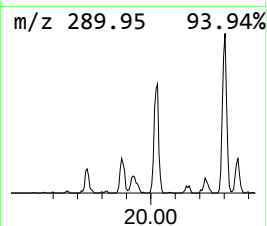
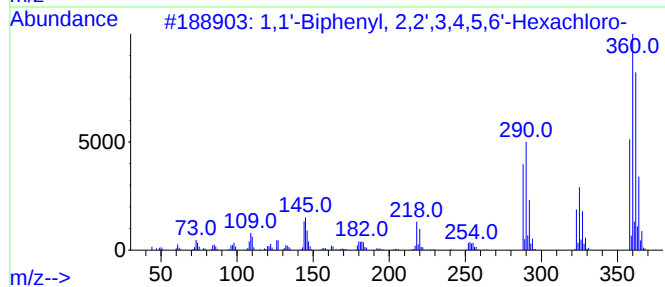
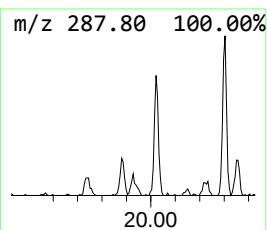
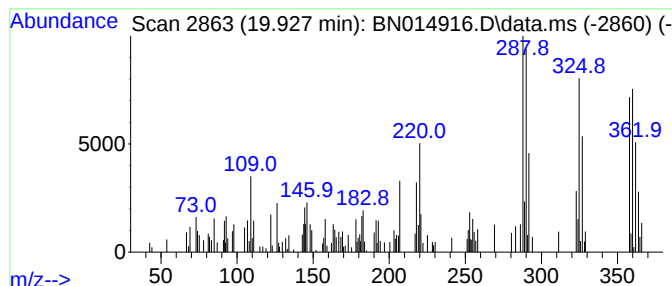
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.927	2.08 ng/ul	217995	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	90
2	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	90
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	89
4	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	89
5	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	89



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Data File : BN014916.D
Acq On : 15 Jun 2021 01:49
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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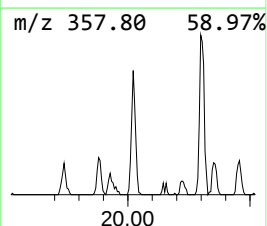
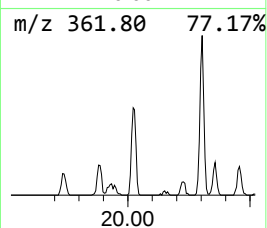
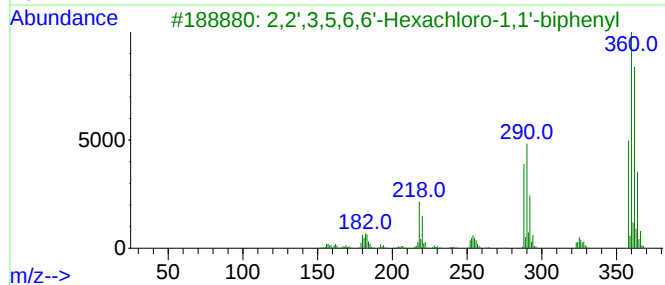
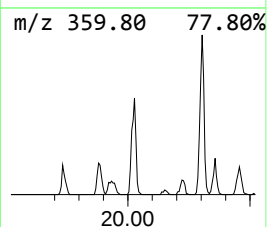
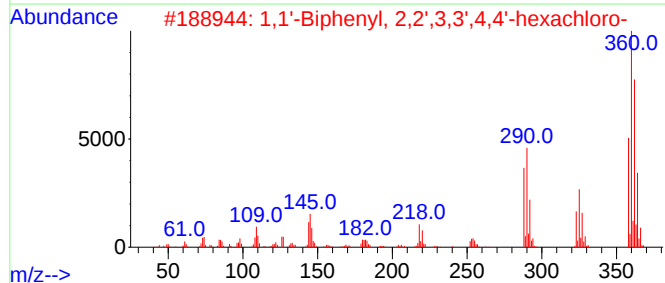
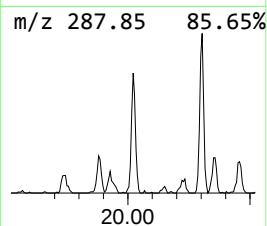
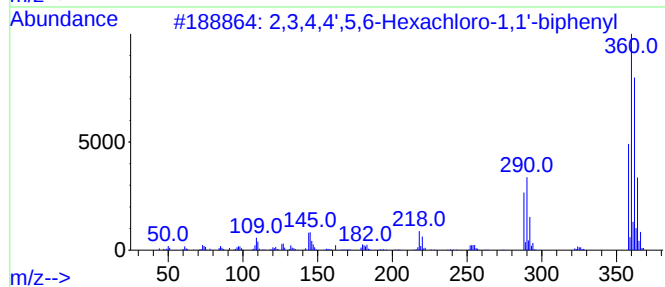
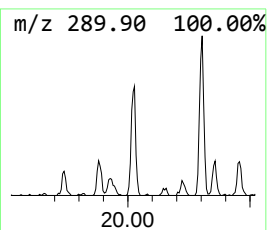
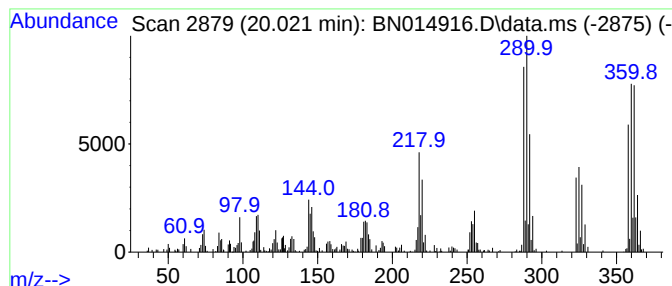
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.022	8.98 ng/ul	939178	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99		
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99		
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99		
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
5	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99		



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Sample : M2693-05
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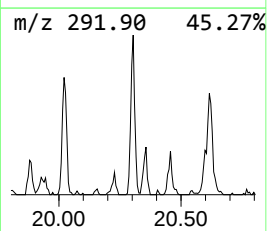
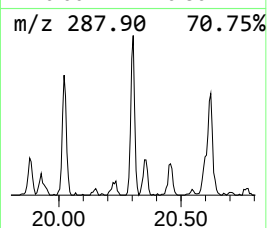
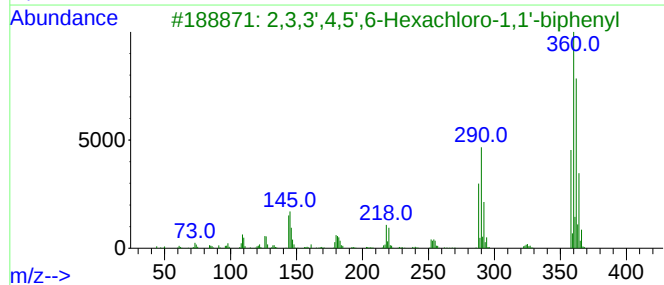
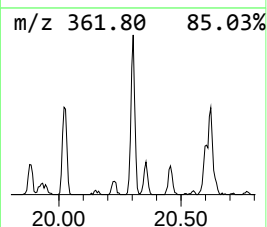
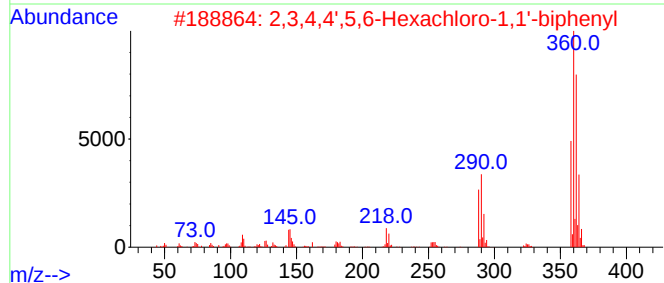
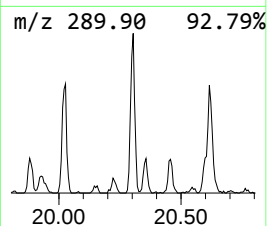
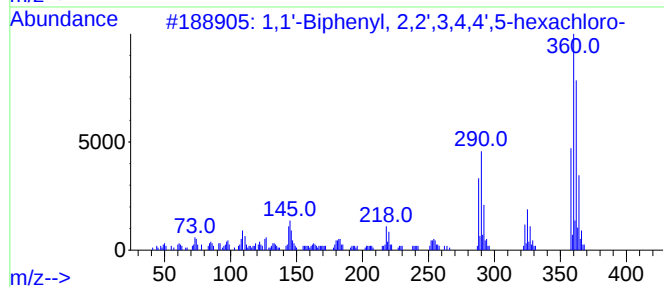
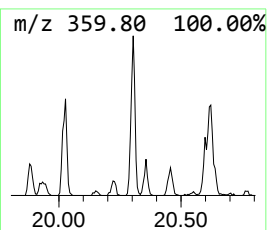
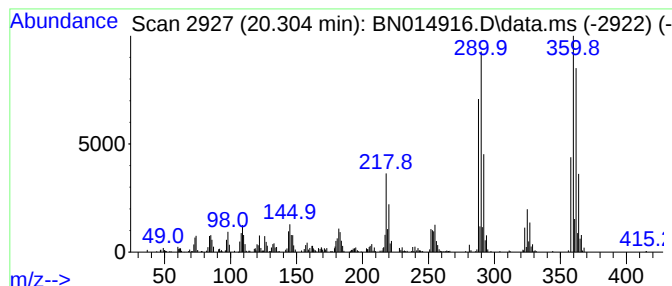
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.304	11.58 ng/ul	1211450	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99



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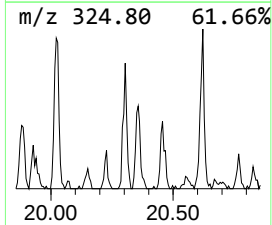
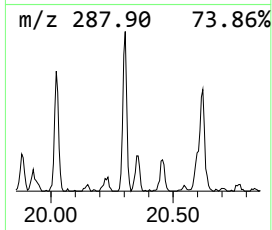
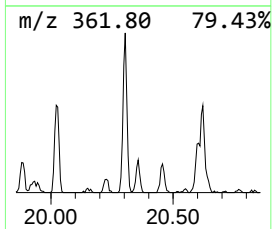
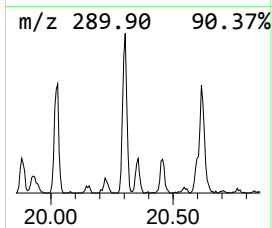
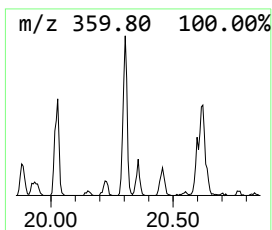
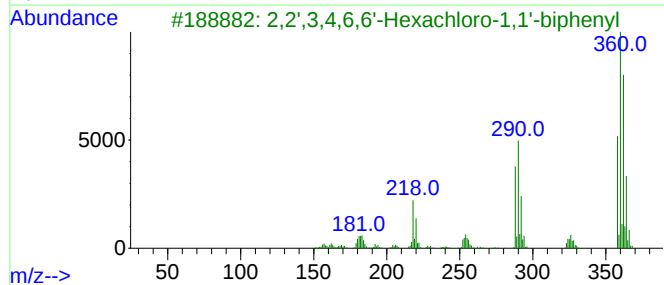
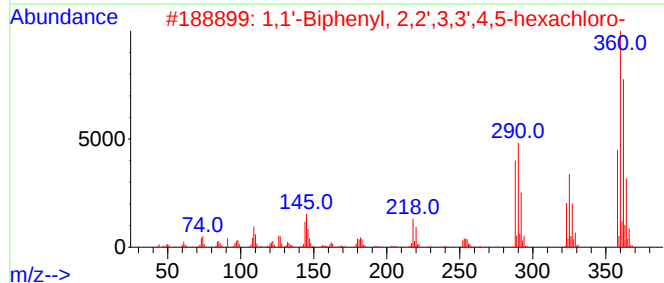
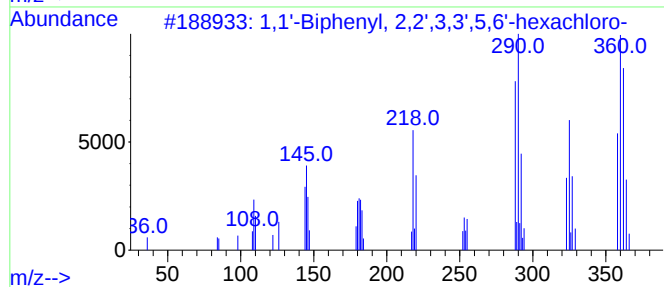
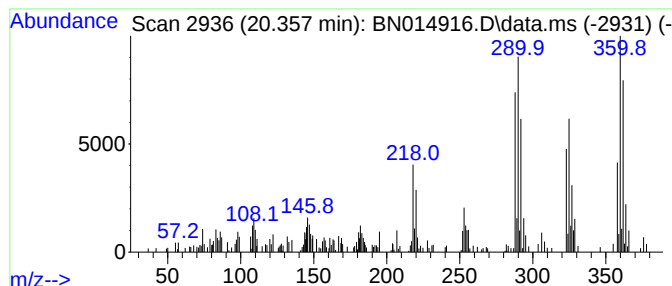
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.357	4.02 ng/ul	420109	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96
3	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	95
4	2,3,3',4',5',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	95
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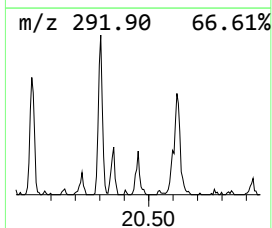
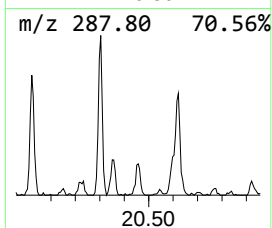
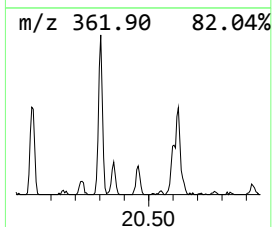
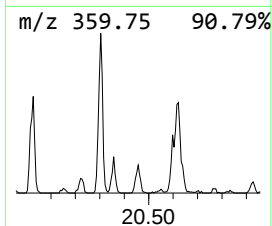
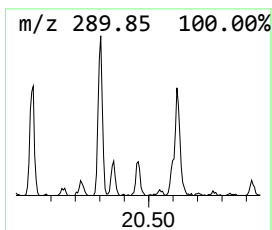
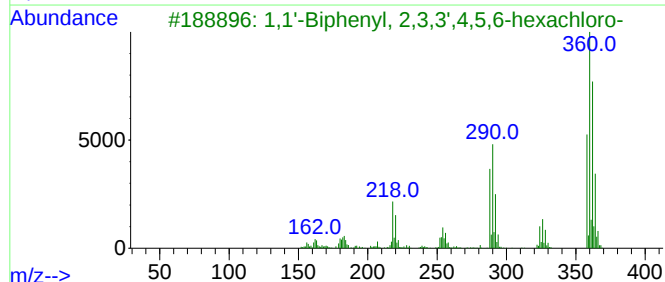
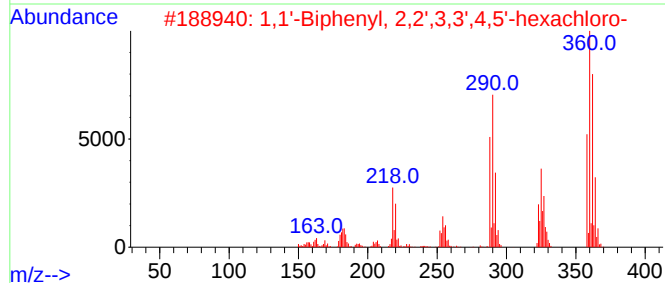
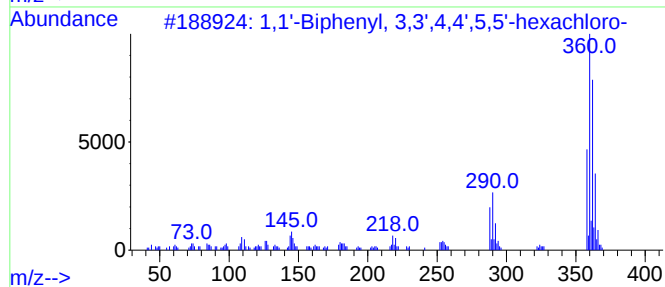
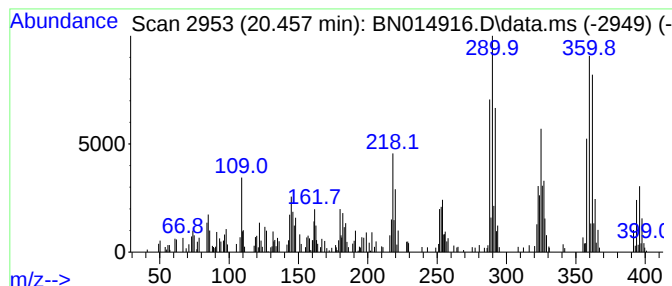
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BNA_N
ClientSampleId :
M2693-0231

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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.457	4.50 ng/ul	470994	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014916.D
Acq On : 15 Jun 2021 01:49
Operator : CG/JU
Sample : M2693-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M2693-0231

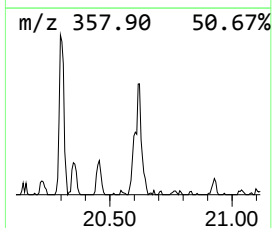
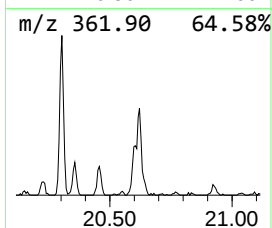
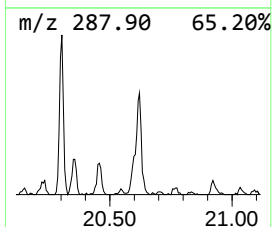
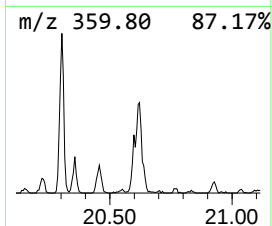
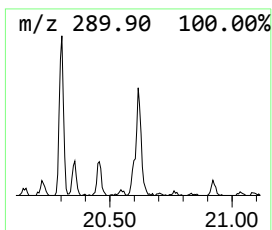
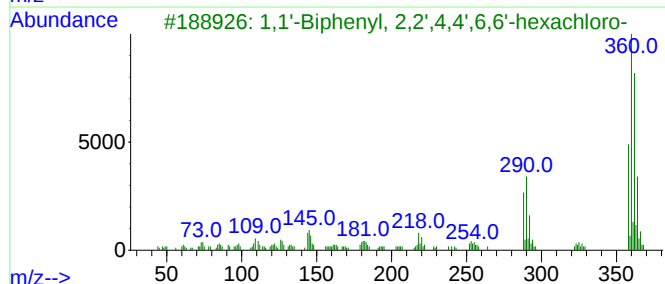
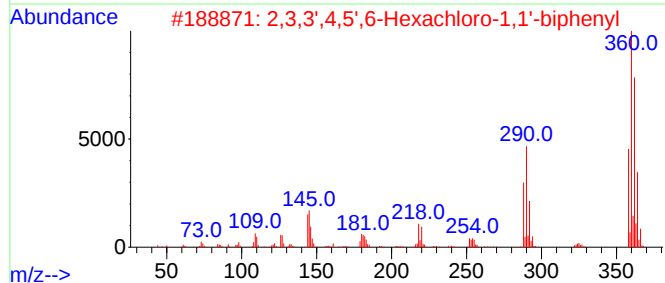
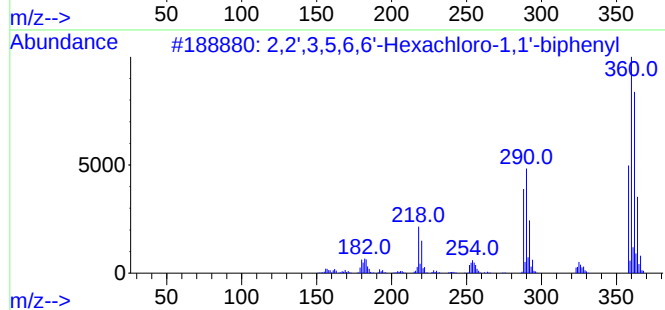
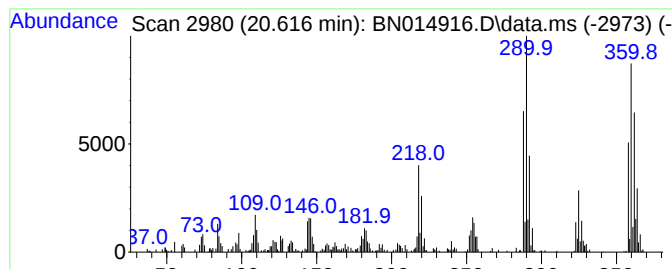
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 2,2',3,5,6,6'-Hexachloro-1,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.616	11.66 ng/ul	1218850	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99		
2	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99		
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	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',5',6-He...	358	C12H4Cl6	060145-22-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014916.D
Acq On : 15 Jun 2021 01:49
Operator : CG/JU
Sample : M2693-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M2693-0231

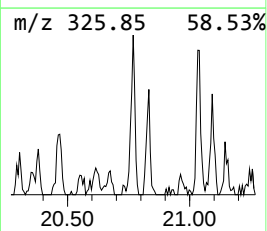
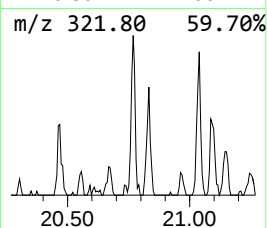
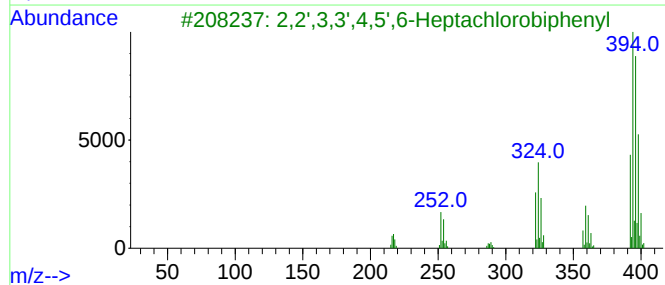
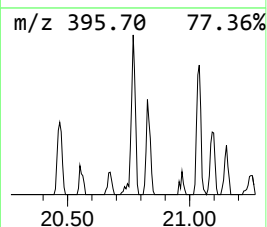
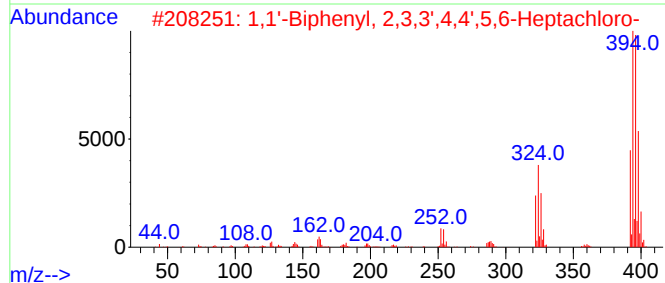
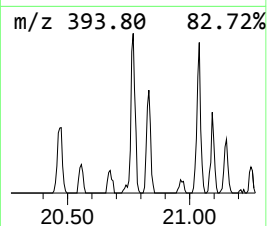
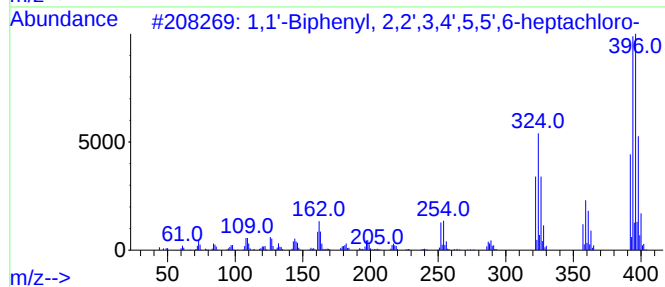
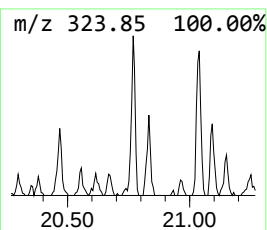
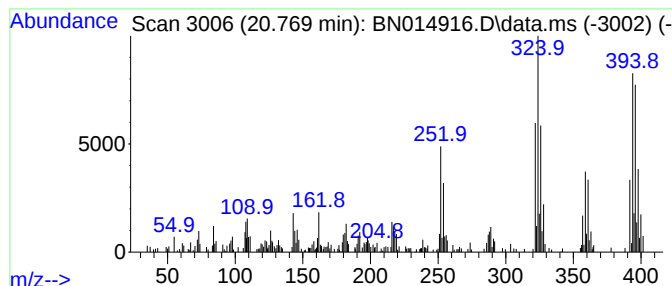
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.769	4.49 ng/ul	469018	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99		
2	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99		
3	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99		
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99		
5	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014916.D
Acq On : 15 Jun 2021 01:49
Operator : CG/JU
Sample : M2693-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M2693-0231

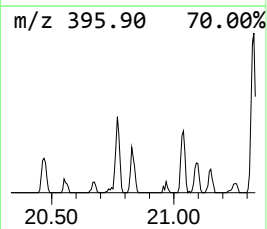
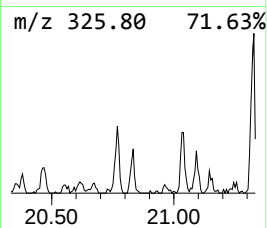
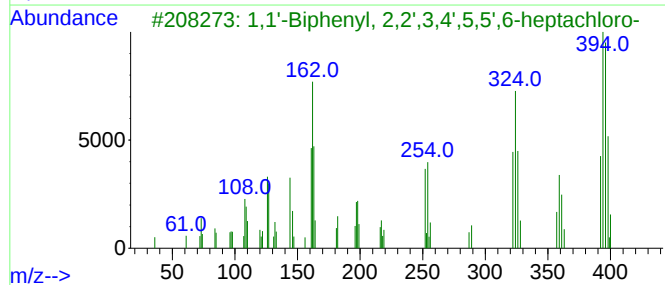
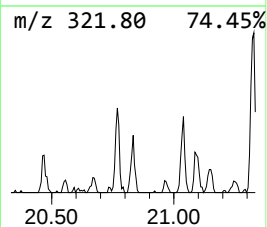
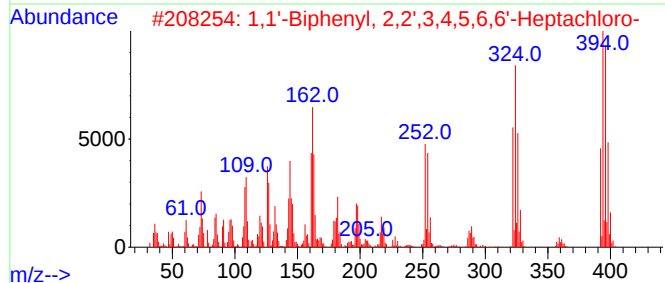
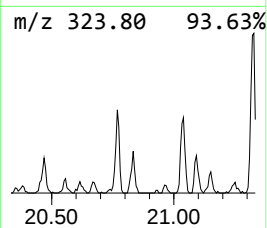
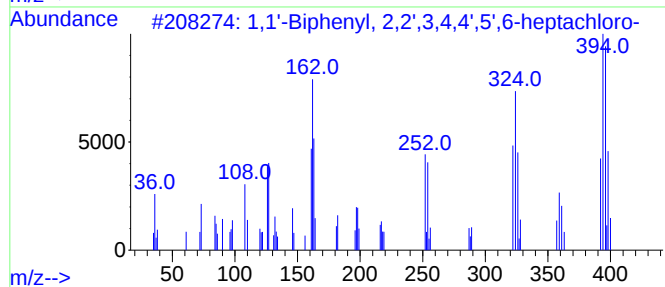
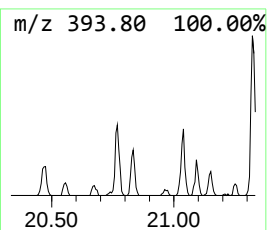
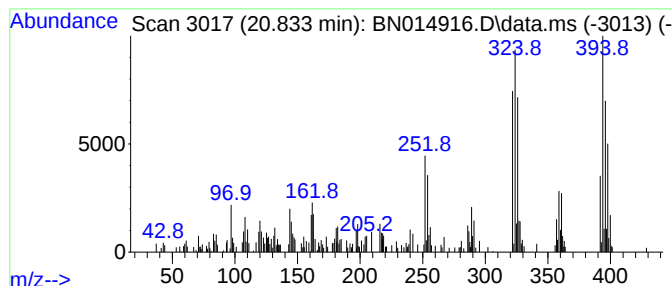
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.833	2.73 ng/ul	285203	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99		
2	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99		
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99		
4	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	98		
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014916.D
Acq On : 15 Jun 2021 01:49
Operator : CG/JU
Sample : M2693-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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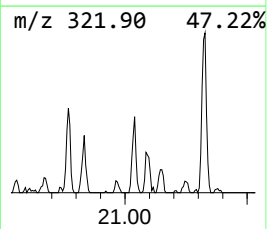
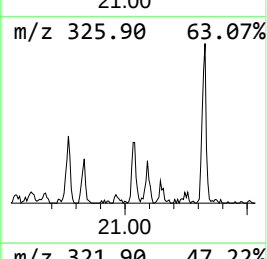
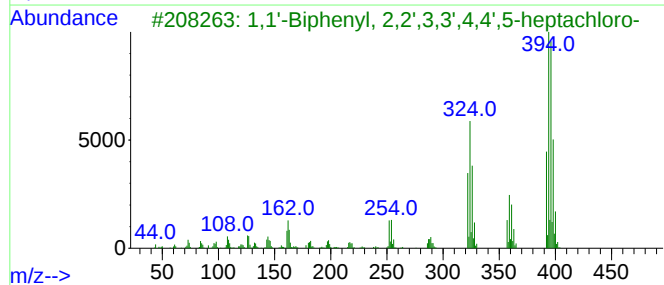
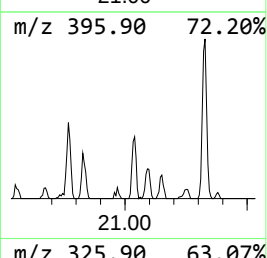
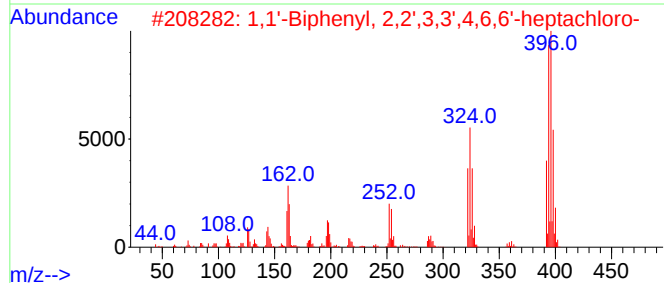
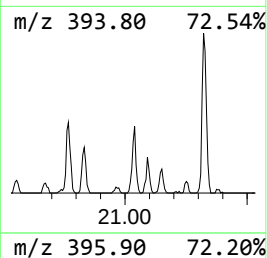
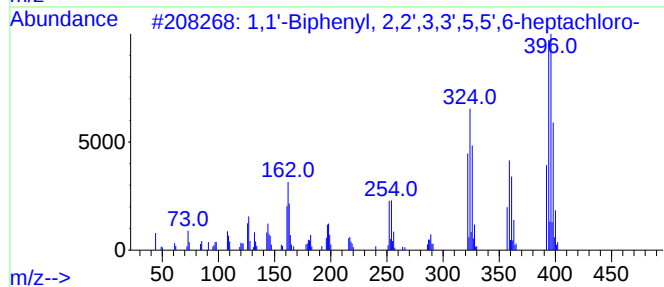
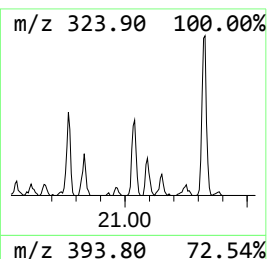
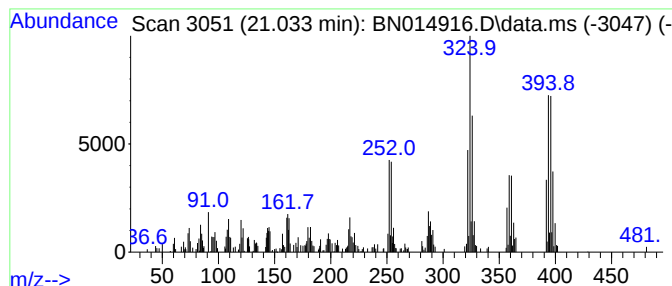
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.033	4.33 ng/ul	452809	Chrysene-d12	21.292

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99	
2	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99	
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99	
4	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	99	
5	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014916.D
Acq On : 15 Jun 2021 01:49
Operator : CG/JU
Sample : M2693-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
M2693-0231

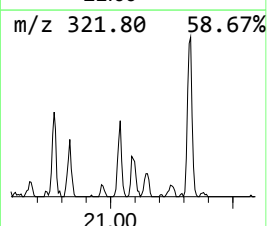
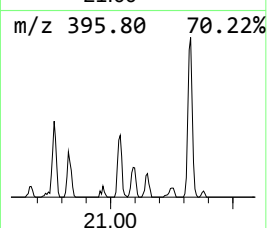
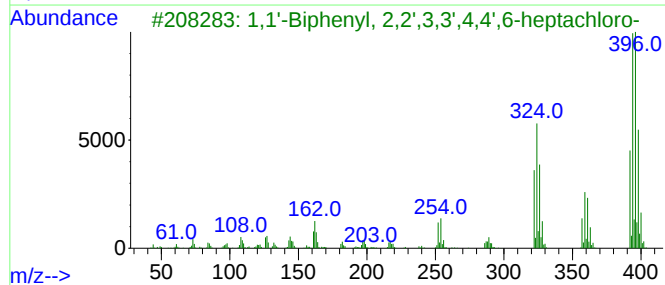
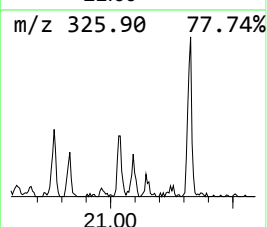
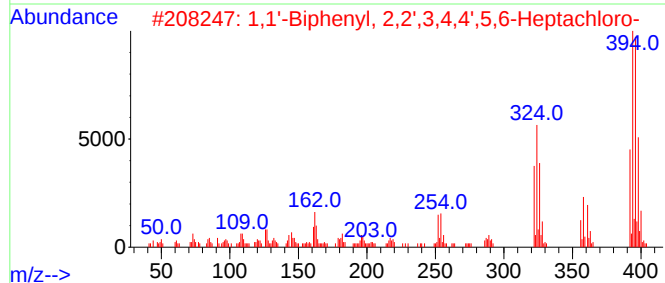
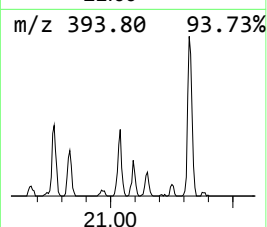
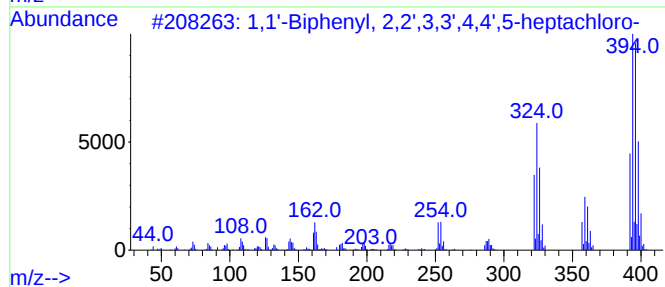
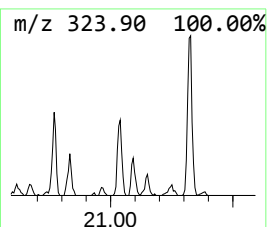
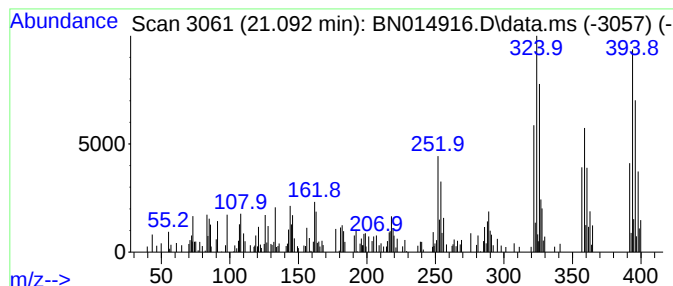
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	2.79 ng/ul	291992	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	98		
2	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	98		
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	97		
4	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	95		
5	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	95		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014916.D
Acq On : 15 Jun 2021 01:49
Operator : CG/JU
Sample : M2693-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

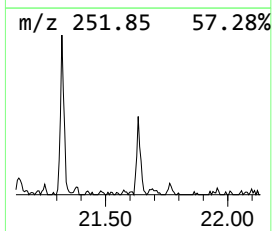
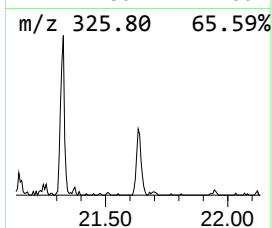
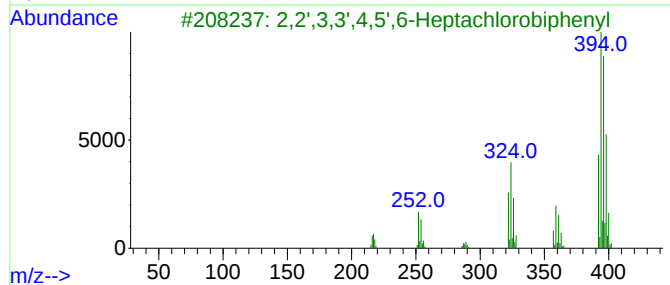
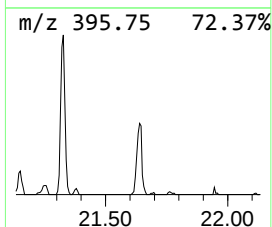
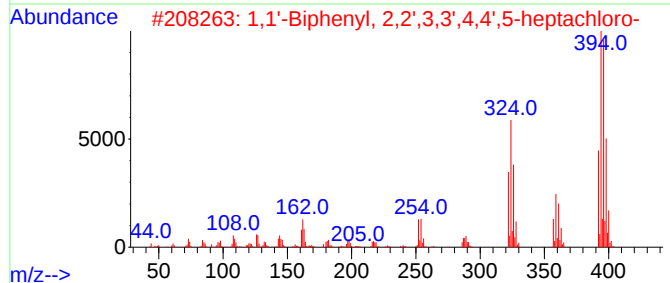
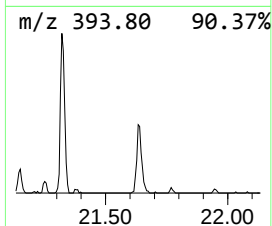
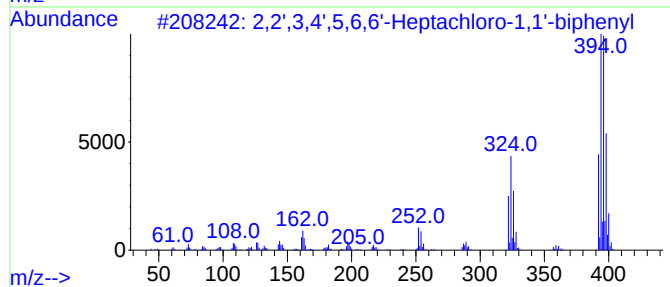
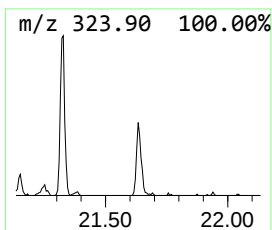
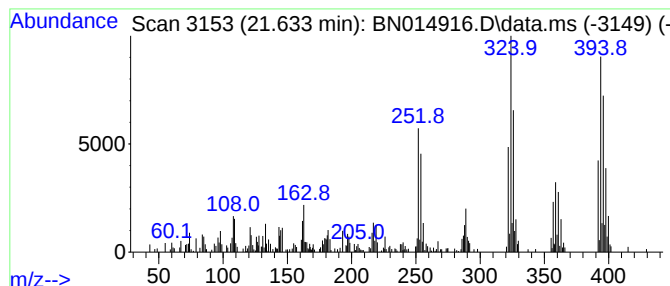
Instrument :
BNA_N
ClientSampleId :
M2693-0231

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 2,2',3,4',5,6,6'-Heptachlor... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.633	5.07 ng/ul	529699	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
3	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
 Data File : BN014916.D
 Acq On : 15 Jun 2021 01:49
 Operator : CG/JU
 Sample : M2693-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 M2693-0231

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.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: S...	3.134	26.1	ng/ul	1150350	1	7.687	881586	20.0
1,1'-Biphenyl, ...	17.704	2.8	ng/ul	261308	4	17.092	1874070	20.0
1,1'-Biphenyl, ...	19.027	6.5	ng/ul	607747	4	17.092	1874070	20.0
2,3,3',4',5'- P...	19.310	4.7	ng/ul	494389	5	21.292	2091470	20.0
1,1'-Biphenyl, ...	19.880	3.1	ng/ul	324520	5	21.292	2091470	20.0
1,1'-Biphenyl, ...	19.927	2.1	ng/ul	217995	5	21.292	2091470	20.0
2,3,4,4',5,6-He...	20.022	9.0	ng/ul	939178	5	21.292	2091470	20.0
1,1'-Biphenyl, ...	20.304	11.6	ng/ul	1211450	5	21.292	2091470	20.0
1,1'-Biphenyl, ...	20.357	4.0	ng/ul	420109	5	21.292	2091470	20.0
1,1'-Biphenyl, ...	20.457	4.5	ng/ul	470994	5	21.292	2091470	20.0
2,2',3,5,6,6'-H...	20.616	11.7	ng/ul	1218850	5	21.292	2091470	20.0
1,1'-Biphenyl, ...	20.769	4.5	ng/ul	469018	5	21.292	2091470	20.0
1,1'-Biphenyl, ...	20.833	2.7	ng/ul	285203	5	21.292	2091470	20.0
1,1'-Biphenyl, ...	21.033	4.3	ng/ul	452809	5	21.292	2091470	20.0
1,1'-Biphenyl, ...	21.092	2.8	ng/ul	291992	5	21.292	2091470	20.0
2,2',3,4',5,6,6...	21.633	5.1	ng/ul	529699	5	21.292	2091470	20.0