

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
 Data File : BM023398.D
 Acq On : 25 Oct 2019 06:36
 Operator : JU
 Sample : K5403-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB92

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-BM102319MA.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	3.081	12	16	22	rVB	1010831	1035601	12.96%	1.465%
2	3.410	70	72	78	rVB2	89578	93409	1.17%	0.132%
3	3.875	148	151	156	rVB2	50968	67845	0.85%	0.096%
4	6.140	532	536	545	rVB	74423	111188	1.39%	0.157%
5	6.651	620	623	629	rVB4	16566	27479	0.34%	0.039%
6	6.734	635	637	642	rVV4	24033	32295	0.40%	0.046%
7	6.787	643	646	657	rVB6	22238	52089	0.65%	0.074%
8	6.875	657	661	665	rBV6	16355	26713	0.33%	0.038%
9	7.034	685	688	692	rVB4	14133	18091	0.23%	0.026%
10	7.287	726	731	738	rVB4	50770	91068	1.14%	0.129%
11	7.634	783	790	801	rVB	2021806	3184602	39.86%	4.505%
12	7.751	807	810	818	rVB4	17083	41973	0.53%	0.059%
13	7.922	836	839	849	rVB9	10827	23385	0.29%	0.033%
14	8.192	878	885	890	rVB4	19906	36508	0.46%	0.052%
15	8.281	896	900	903	rBV2	17234	21857	0.27%	0.031%
16	8.592	950	953	957	rVV3	11041	14569	0.18%	0.021%
17	8.639	957	961	966	rVB3	11397	21709	0.27%	0.031%
18	8.739	974	978	984	rVB3	23091	38737	0.48%	0.055%
19	8.881	998	1002	1008	rVB2	34618	60144	0.75%	0.085%
20	8.957	1012	1015	1017	rVV3	8250	10659	0.13%	0.015%
21	8.998	1017	1022	1028	rVB7	15266	32884	0.41%	0.047%
22	9.069	1031	1034	1038	rVV5	7988	12113	0.15%	0.017%
23	9.257	1062	1066	1070	rVB7	9304	15912	0.20%	0.023%
24	9.322	1070	1077	1081	rBV4	13980	26719	0.33%	0.038%
25	9.563	1114	1118	1123	rVB7	10687	16136	0.20%	0.023%
26	9.828	1157	1163	1168	rVB4	18308	35529	0.44%	0.050%
27	9.975	1186	1188	1192	rBV5	7948	13743	0.17%	0.019%
28	10.133	1210	1215	1218	rVB6	10560	19568	0.24%	0.028%
29	10.292	1236	1242	1244	rBV6	6911	11583	0.14%	0.016%
30	10.416	1251	1263	1269	rBV	2879626	4846199	60.66%	6.855%
31	10.463	1269	1271	1280	rVV	86612	133751	1.67%	0.189%
32	10.557	1280	1287	1293	rVV10	9522	23778	0.30%	0.034%
33	10.610	1293	1296	1300	rVB4	7424	10988	0.14%	0.016%
34	10.680	1305	1308	1313	rVB6	9345	17017	0.21%	0.024%

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35	10.898	1342	1345	1353	rVV10	10208	19623	0.25%	0.028%
36	11.110	1375	1381	1383	rBV6	11309	19794	0.25%	0.028%
37	11.180	1389	1393	1394	rBV4	8114	10480	0.13%	0.015%
38	11.469	1438	1442	1446	rBV5	18369	32042	0.40%	0.045%
39	11.504	1446	1448	1456	rVB8	7478	17581	0.22%	0.025%
40	11.874	1505	1511	1516	rBV7	18502	31634	0.40%	0.045%
41	12.086	1541	1547	1555	rVB	46075	84123	1.05%	0.119%
42	12.163	1557	1560	1565	rBV6	6122	11623	0.15%	0.016%
43	12.310	1580	1585	1590	rBV	35897	58451	0.73%	0.083%
44	12.445	1603	1608	1609	rBV4	9327	12686	0.16%	0.018%
45	12.786	1661	1666	1670	rBV7	12343	17623	0.22%	0.025%
46	12.839	1670	1675	1679	rVB5	23966	38123	0.48%	0.054%
47	12.886	1679	1683	1689	rBV9	9114	22562	0.28%	0.032%
48	13.069	1710	1714	1719	rBV6	37291	58524	0.73%	0.083%
49	13.127	1719	1724	1727	rVB5	25447	47603	0.60%	0.067%
50	13.221	1737	1740	1744	rVB6	9033	13018	0.16%	0.018%
51	13.310	1751	1755	1758	rBV3	32492	54709	0.68%	0.077%
52	13.445	1775	1778	1780	rBV4	11756	12771	0.16%	0.018%
53	13.610	1801	1806	1811	rBV3	35011	65717	0.82%	0.093%
54	13.663	1811	1815	1820	rVV4	22773	37006	0.46%	0.052%
55	13.716	1821	1824	1829	rVB7	16191	25628	0.32%	0.036%
56	13.792	1834	1837	1841	rVV4	32415	50186	0.63%	0.071%
57	13.845	1842	1846	1854	rVB6	32855	66392	0.83%	0.094%
58	14.004	1870	1873	1876	rBV2	24262	29937	0.37%	0.042%
59	14.121	1891	1893	1901	rVB9	26969	39947	0.50%	0.057%
60	14.210	1903	1908	1911	rBV3	41742	65480	0.82%	0.093%
61	14.286	1913	1921	1928	rBV	4914031	7310166	91.50%	10.341%
62	14.386	1934	1938	1941	rBV6	29721	41005	0.51%	0.058%
63	14.498	1953	1957	1958	rBV3	28643	32849	0.41%	0.046%
64	14.610	1973	1976	1981	rVB6	28468	46638	0.58%	0.066%
65	14.686	1985	1989	1999	rVB3	68642	123873	1.55%	0.175%
66	14.962	2033	2036	2040	rVB4	29049	38068	0.48%	0.054%
67	15.174	2067	2072	2077	rBV5	42522	92057	1.15%	0.130%
68	15.333	2095	2099	2105	rBV	129310	194908	2.44%	0.276%
69	15.545	2133	2135	2137	rBV2	26088	28587	0.36%	0.040%
70	15.780	2172	2175	2181	rBV6	40070	69015	0.86%	0.098%
71	16.033	2215	2218	2219	rBV3	63807	65383	0.82%	0.092%

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72	16.345	2268	2271	2275	rVB2	93908	114965	1.44%	0.163%
73	16.568	2306	2309	2313	rBV3	114384	146327	1.83%	0.207%
74	16.915	2364	2368	2372	rBV	720260	925945	11.59%	1.310%
75	16.951	2372	2374	2380	rVB	263375	314061	3.93%	0.444%
76	17.033	2382	2388	2392	rBV2	5479957	7989299	100.00%	11.301%
77	17.074	2392	2395	2401	rVB	2184695	2796350	35.00%	3.956%
78	17.215	2414	2419	2424	rBV	426495	641871	8.03%	0.908%
79	17.486	2463	2465	2468	rVB2	118894	125559	1.57%	0.178%
80	17.639	2484	2491	2497	rBV2	788566	1645791	20.60%	2.328%
81	17.751	2506	2510	2518	rVB3	409988	644388	8.07%	0.912%
82	17.833	2521	2524	2528	rVV4	134889	173234	2.17%	0.245%
83	17.951	2540	2544	2549	rVB2	349962	655978	8.21%	0.928%
84	18.109	2565	2571	2575	rBV3	2004763	2859779	35.80%	4.045%
85	18.168	2577	2581	2585	rVV	1235210	1546416	19.36%	2.188%
86	18.209	2585	2588	2593	rVB	787004	1033069	12.93%	1.461%
87	18.392	2615	2619	2625	rBV2	1340606	2058686	25.77%	2.912%
88	18.445	2625	2628	2631	rVB	400442	469353	5.87%	0.664%
89	18.533	2640	2643	2646	rBV2	418990	529142	6.62%	0.749%
90	18.568	2646	2649	2654	rVB	734011	947919	11.86%	1.341%
91	18.668	2663	2666	2670	rVB3	290528	346141	4.33%	0.490%
92	18.886	2699	2703	2707	rBV2	522122	764754	9.57%	1.082%
93	18.933	2707	2711	2714	rVV	1453398	2021519	25.30%	2.860%
94	18.974	2714	2718	2723	rVB2	1434006	2197891	27.51%	3.109%
95	19.098	2734	2739	2746	rVB	3298906	4568884	57.19%	6.463%
96	19.245	2760	2764	2771	rBV	719770	1119447	14.01%	1.584%
97	19.692	2838	2840	2846	rVB	600065	709486	8.88%	1.004%
98	20.009	2891	2894	2897	rBV	596350	676442	8.47%	0.957%
99	21.227	3096	3101	3105	rBV	4808791	6526246	81.69%	9.232%
100	23.427	3470	3475	3487	rVB	3681385	6932556	86.77%	9.807%

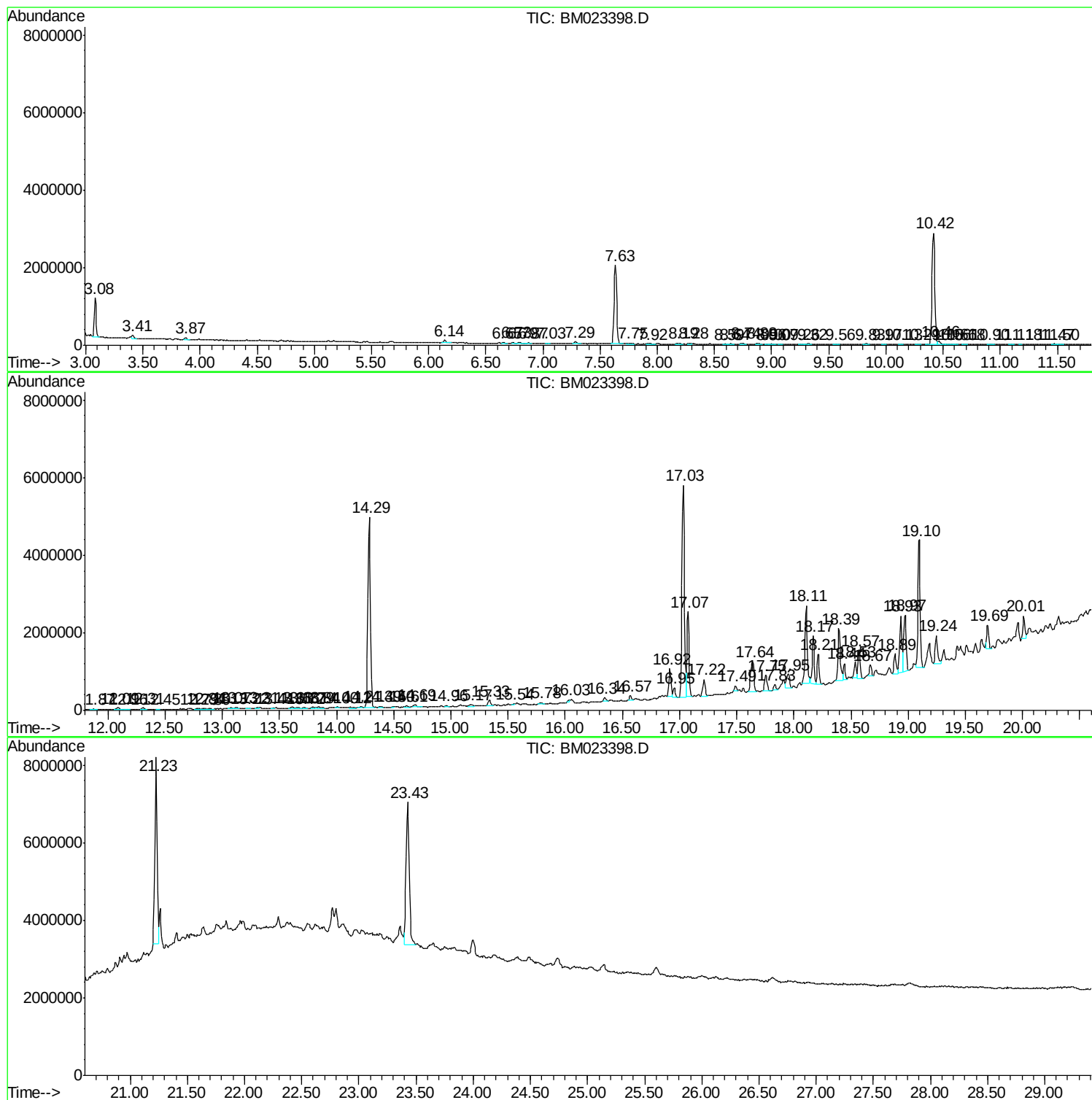
Sum of corrected areas: 70693151

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



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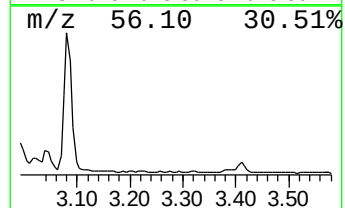
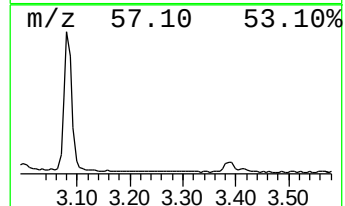
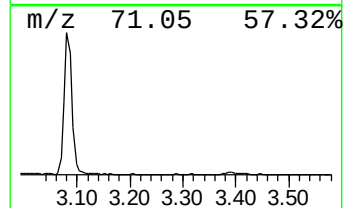
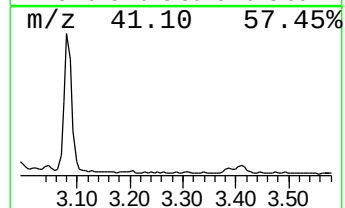
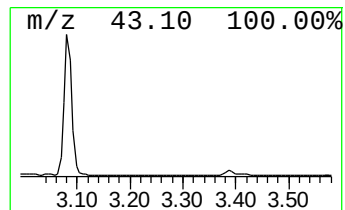
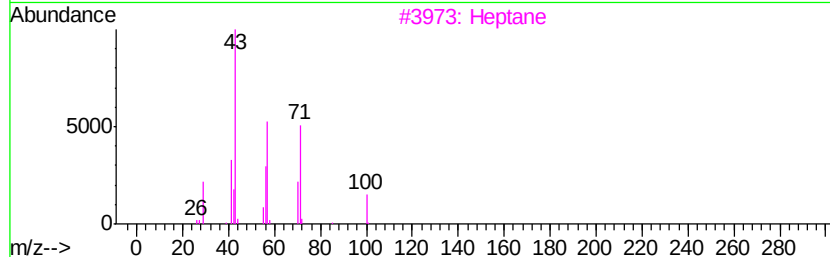
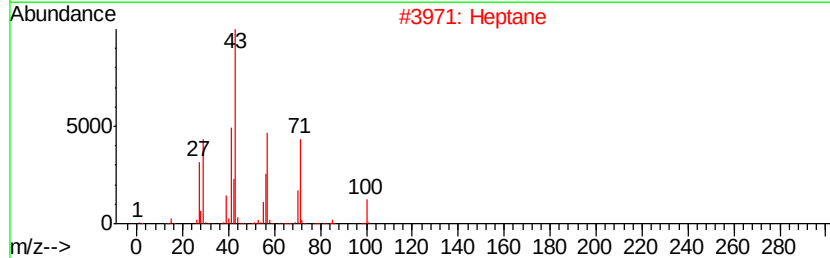
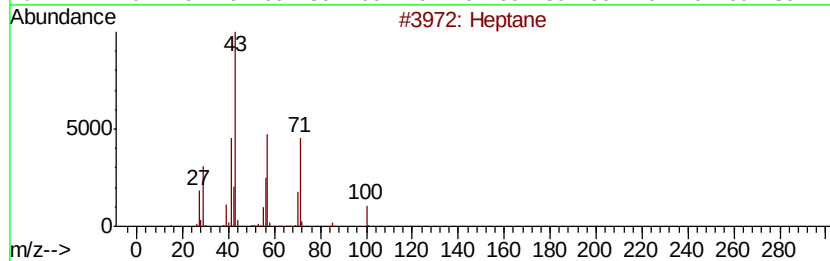
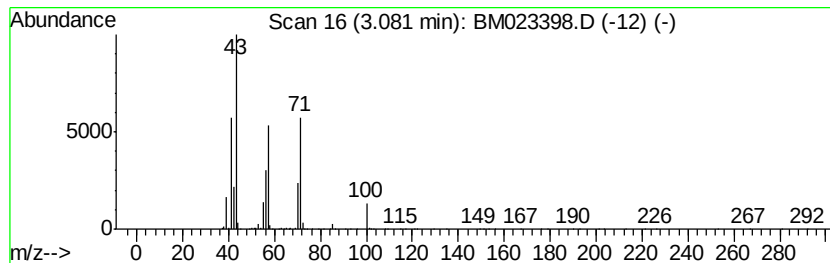
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	6.50 ng/ul	1035600	1,4-Dichlorobenzene-d4	7.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	95
2	Heptane			100	C7H16	000142-82-5	94
3	Heptane			100	C7H16	000142-82-5	91
4	Heptane			100	C7H16	000142-82-5	87
5	Octane, 3,3-dimethyl-			142	C10H22	004110-44-5	43



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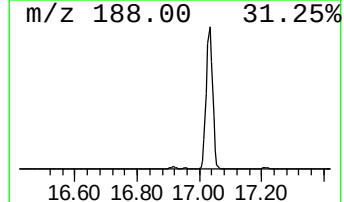
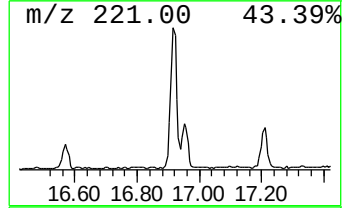
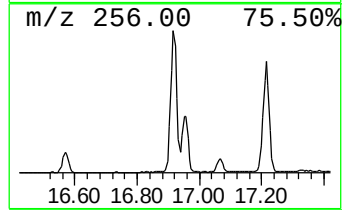
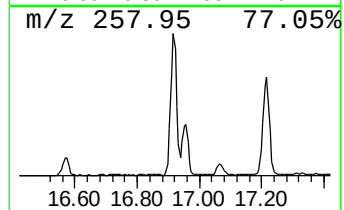
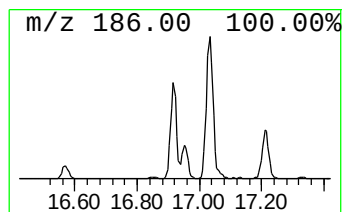
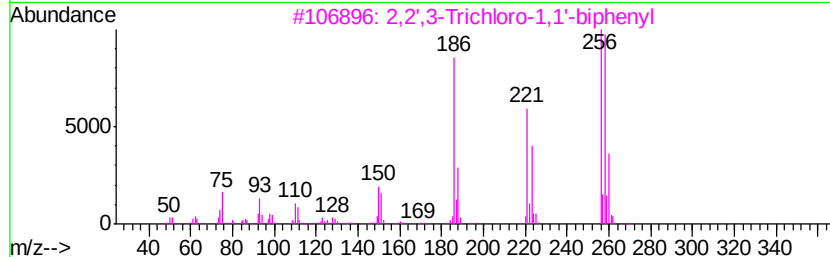
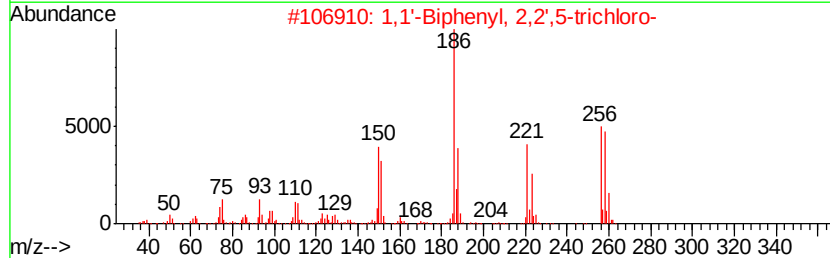
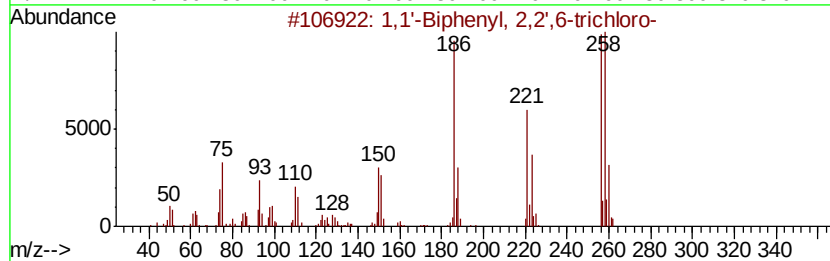
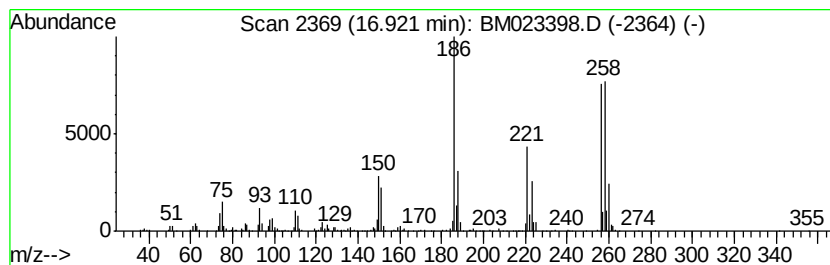
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 2,2',6-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.92	2.32 ng/ul	925945	Phenanthrene-d10	17.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99	
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99	
3	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99	
4	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	99	
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99	



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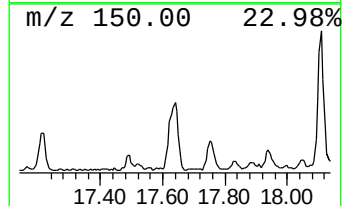
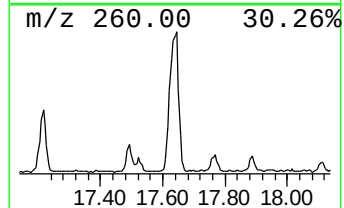
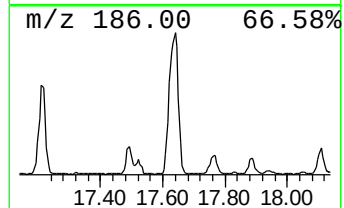
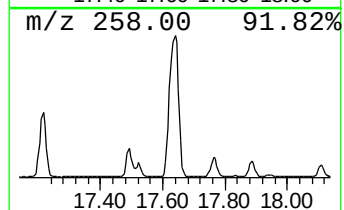
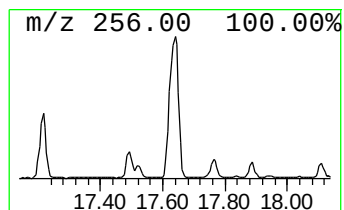
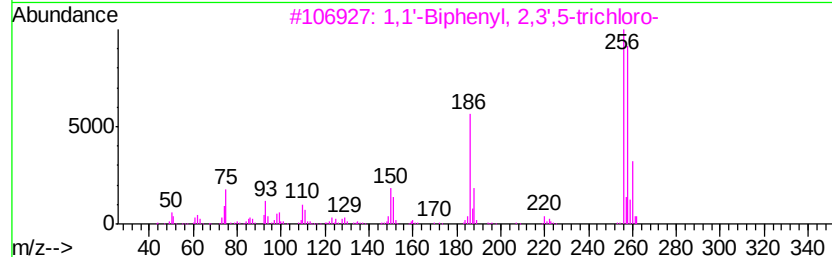
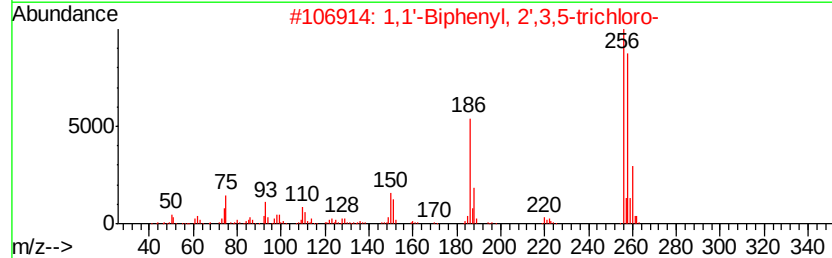
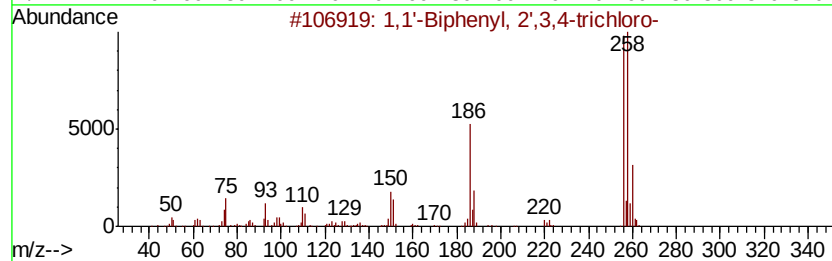
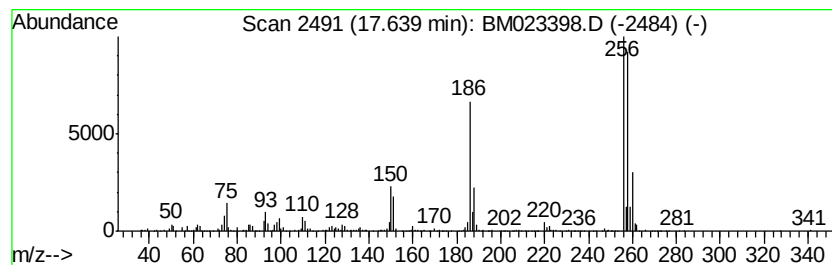
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Peak Number 3 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.64	4.12 ng/ul	1645790	Phenanthrene-d10	17.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl,	2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
3	1,1'-Biphenyl,	2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl,	2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
5	1,1'-Biphenyl,	3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023398.D
Acq On : 25 Oct 2019 06:36
Operator : JU
Sample : K5403-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

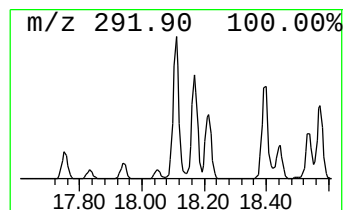
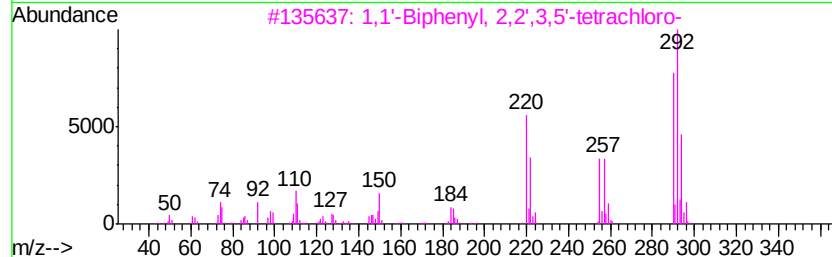
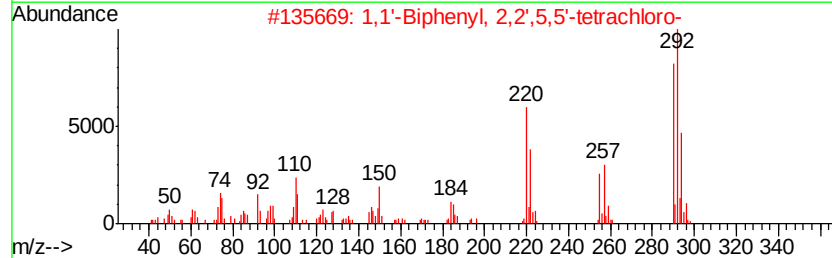
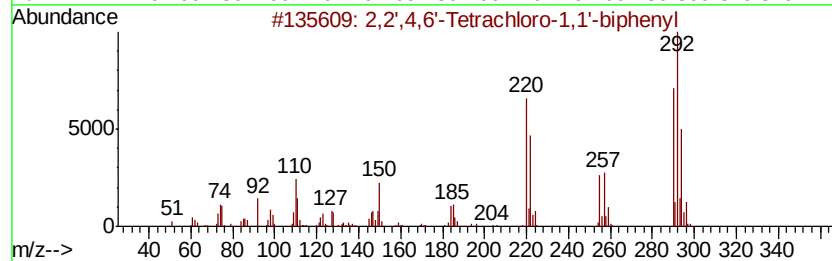
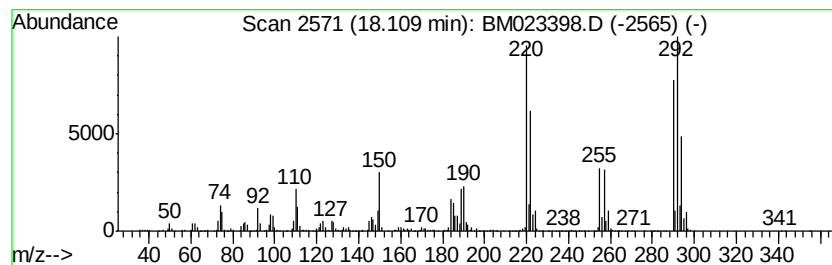
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.11	7.16 ng/ul	2859780	Phenanthrene-d10	17.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99	
2	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	290	C12H6Cl4	035693-99-3	99	
3	1,1'-Biphenyl, 2,2',3,5'-tetrachloro-	290	C12H6Cl4	041464-39-5	99	
4	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99	
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023398.D
Acq On : 25 Oct 2019 06:36
Operator : JU
Sample : K5403-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

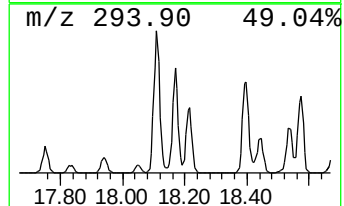
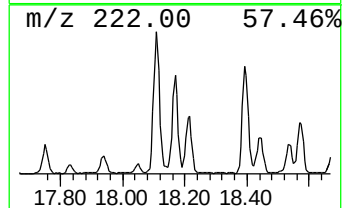
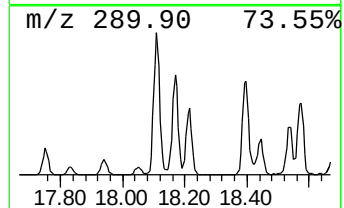
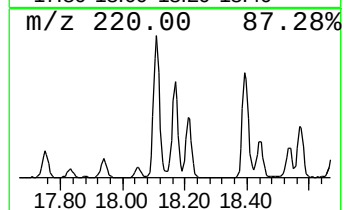
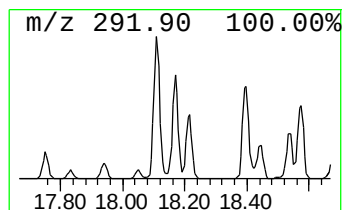
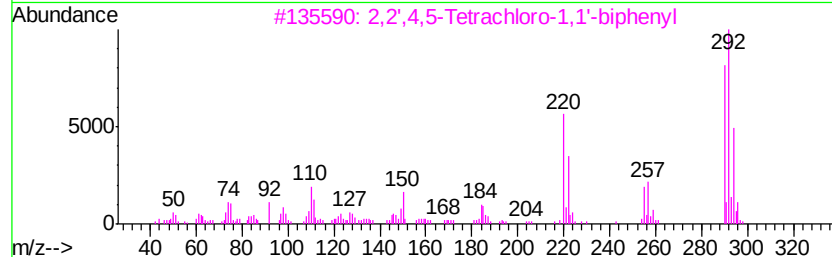
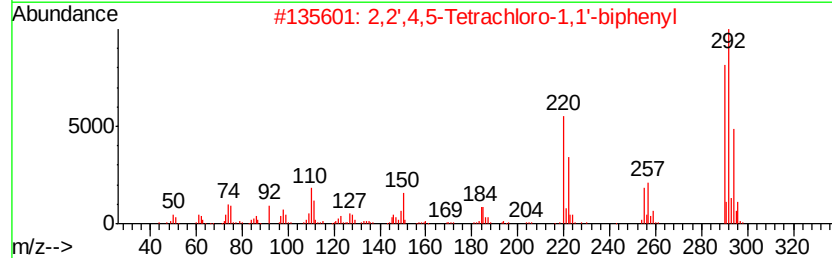
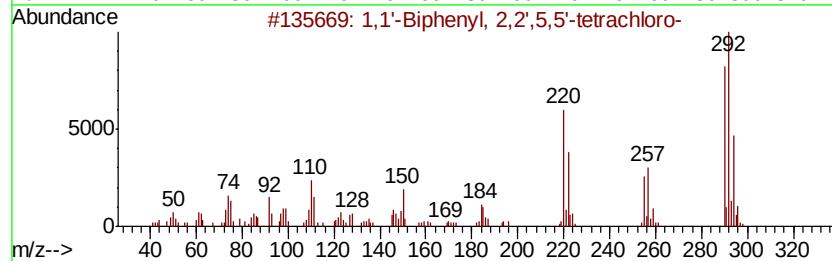
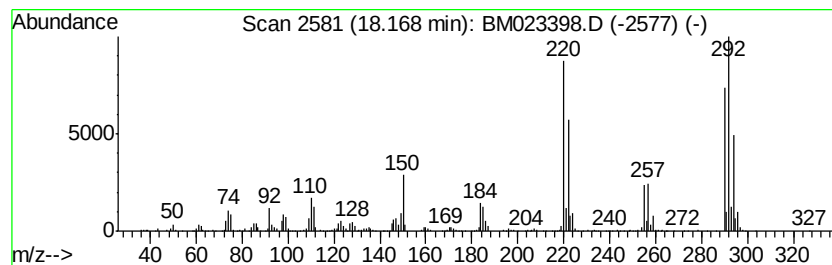
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.17	3.87 ng/ul	1546420	Phenanthrene-d10	17.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023398.D
Acq On : 25 Oct 2019 06:36
Operator : JU
Sample : K5403-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

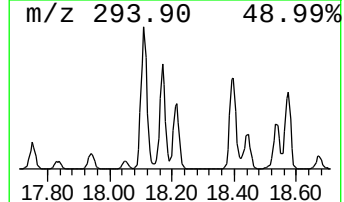
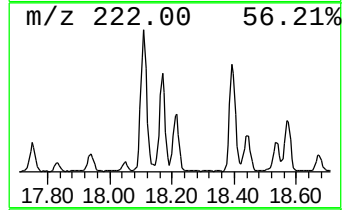
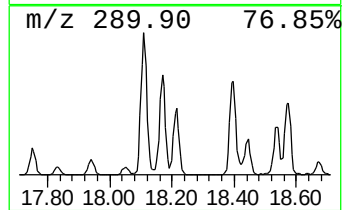
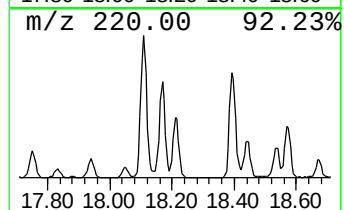
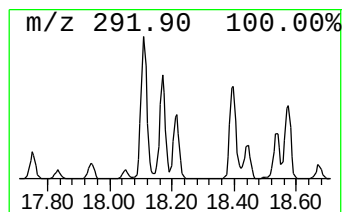
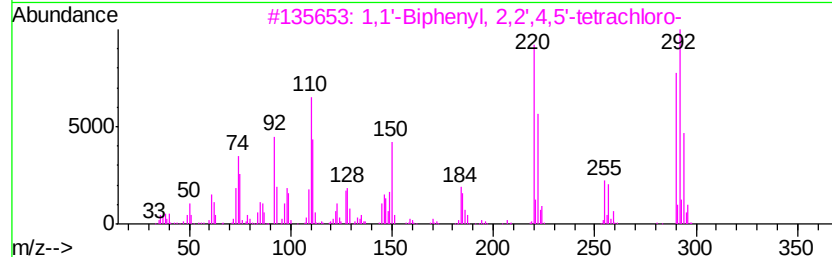
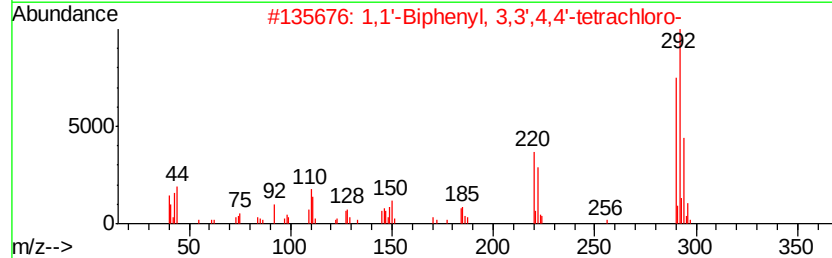
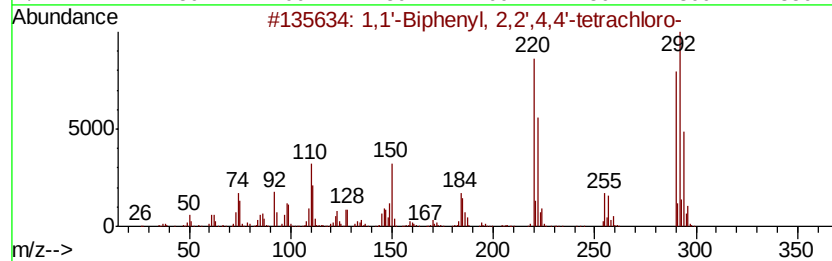
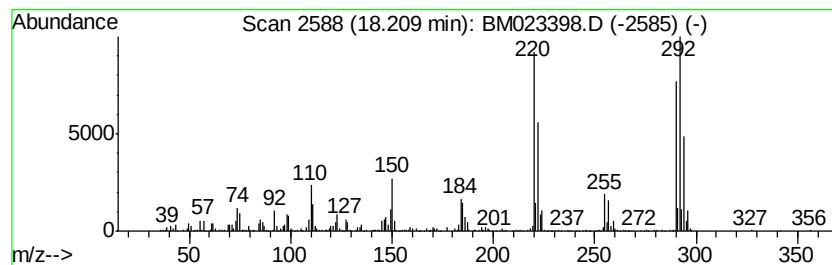
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.21	2.59 ng/ul	1033070	Phenanthrene-d10	17.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99	
2	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	290	C12H6Cl4	032598-13-3	99	
3	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	290	C12H6Cl4	041464-40-8	99	
4	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	290	C12H6Cl4	015968-05-5	99	
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	98	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023398.D
Acq On : 25 Oct 2019 06:36
Operator : JU
Sample : K5403-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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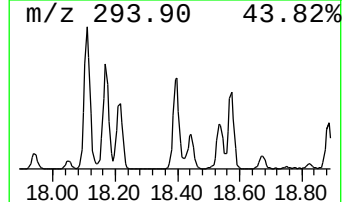
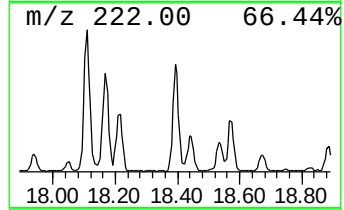
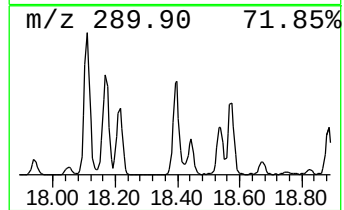
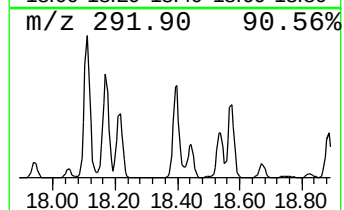
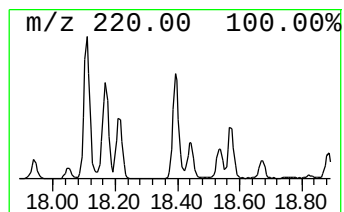
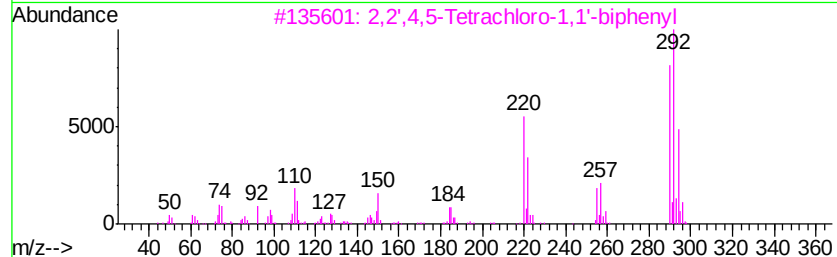
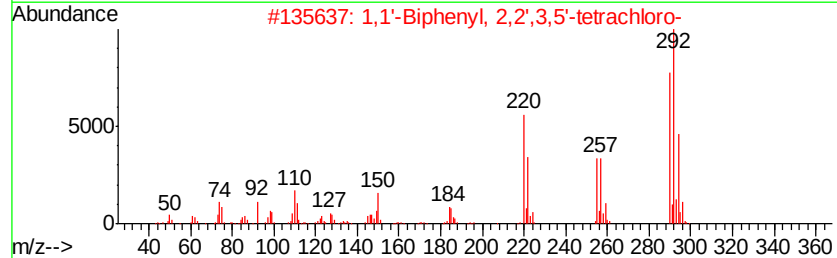
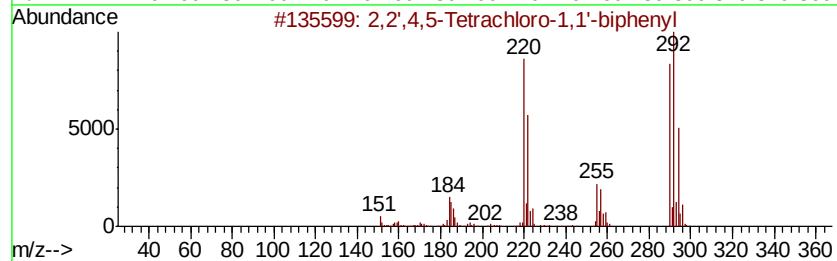
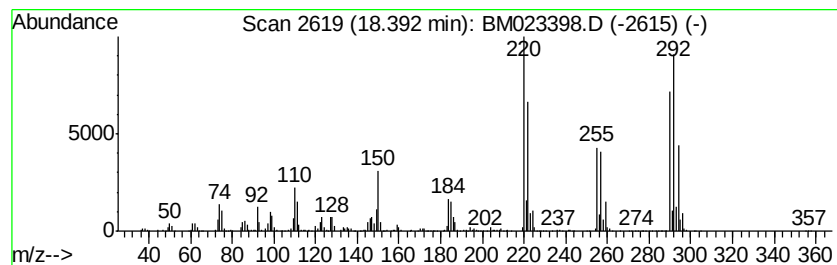
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	5.15 ng/ul	2058690	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2		1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3		2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4		2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5		2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023398.D
Acq On : 25 Oct 2019 06:36
Operator : JU
Sample : K5403-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB92

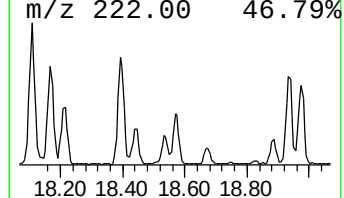
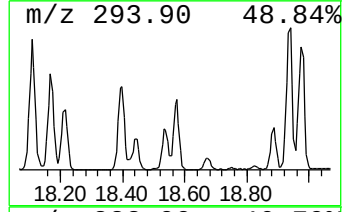
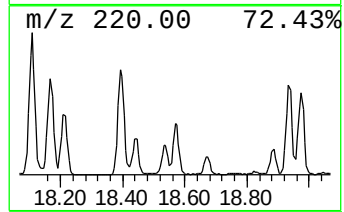
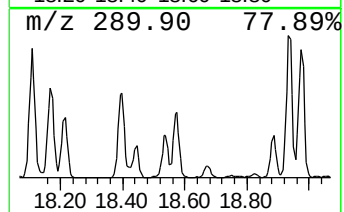
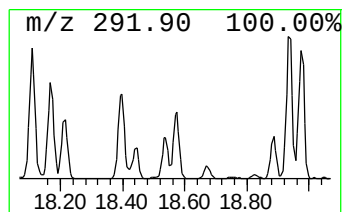
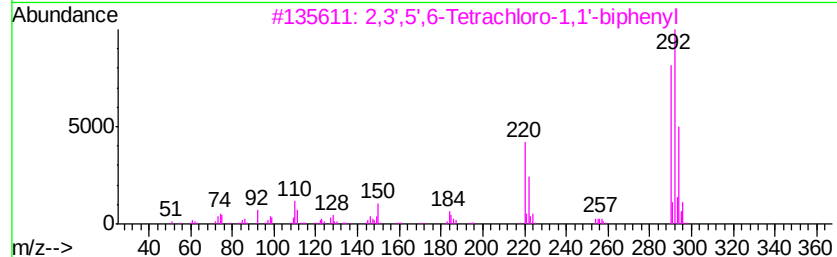
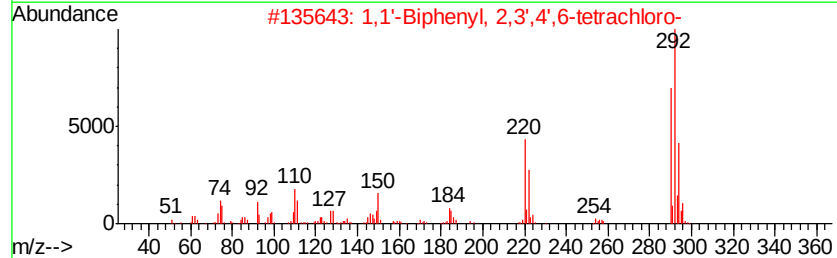
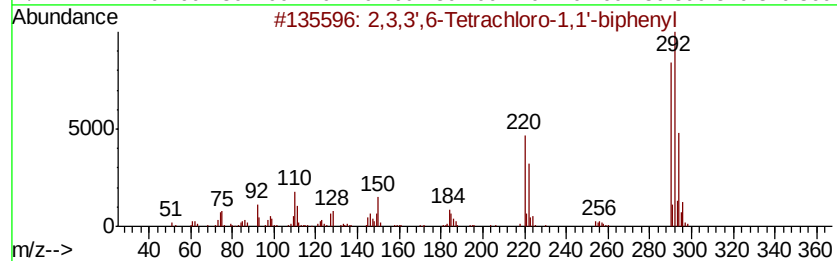
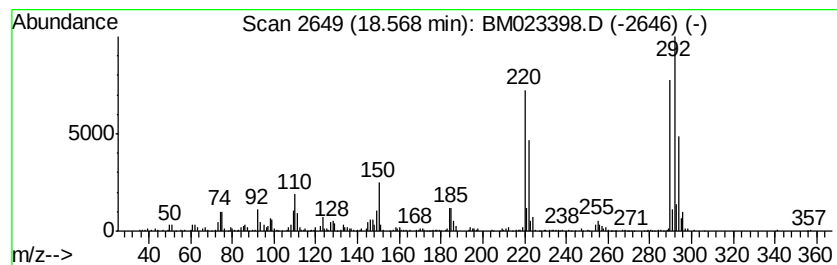
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.37 ng/ul	947919	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2		1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3		2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
4		3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5		1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023398.D
Acq On : 25 Oct 2019 06:36
Operator : JU
Sample : K5403-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

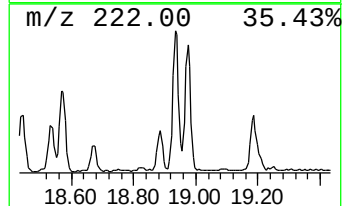
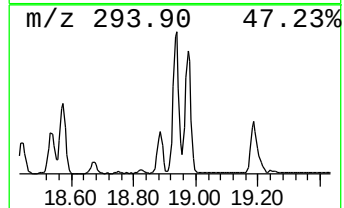
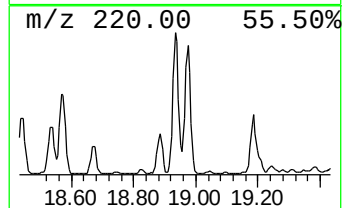
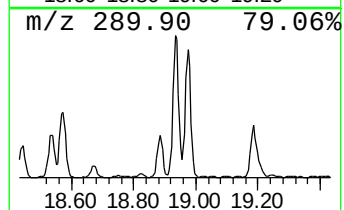
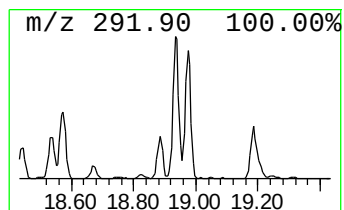
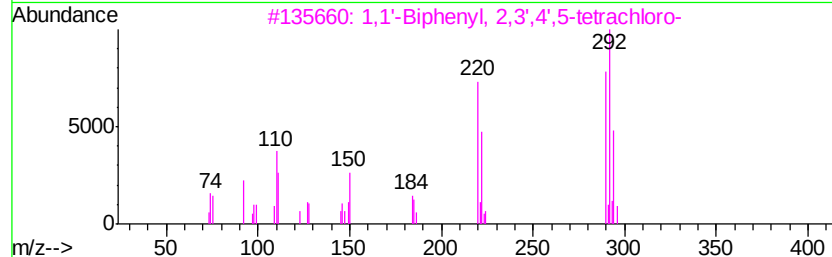
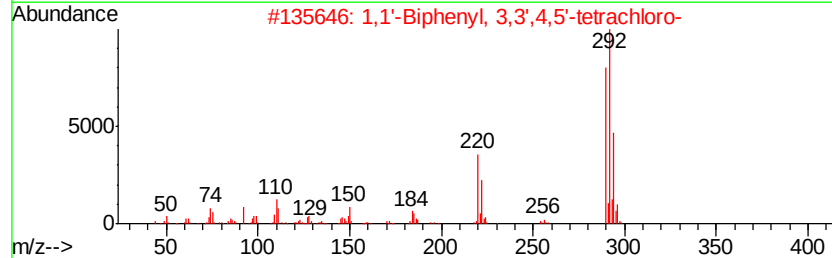
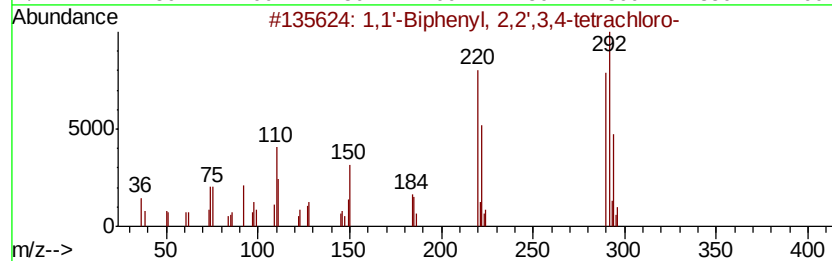
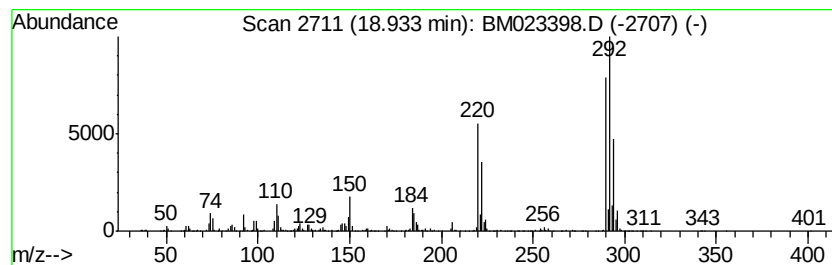
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.93	5.06 ng/ul	2021520	Phenanthrene-d10	17.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023398.D
Acq On : 25 Oct 2019 06:36
Operator : JU
Sample : K5403-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampled :
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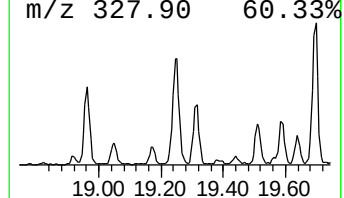
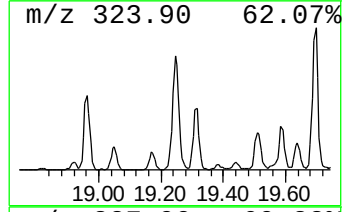
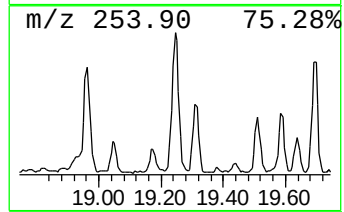
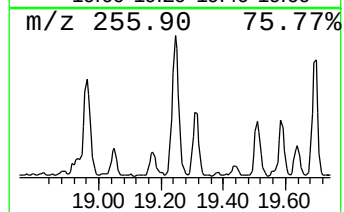
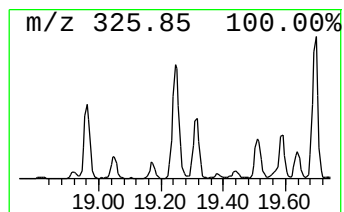
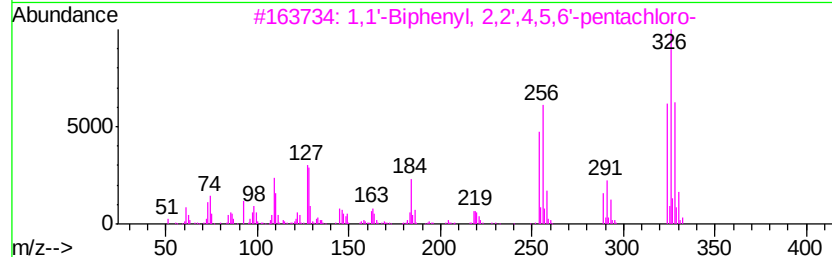
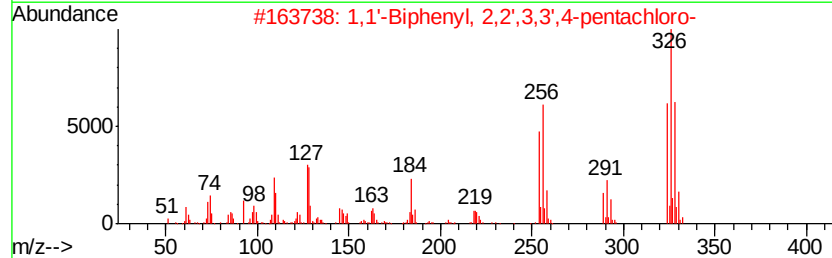
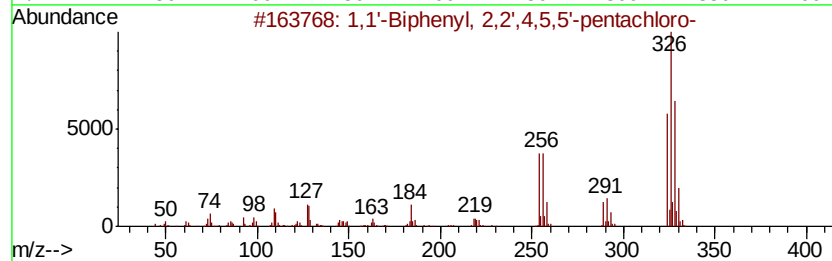
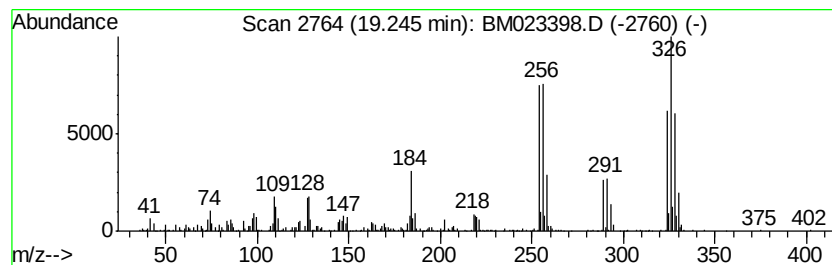
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.43 ng/ul	1119450	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
2		1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	98
3		1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	98
4		2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	97
5		2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023398.D
Acq On : 25 Oct 2019 06:36
Operator : JU
Sample : K5403-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

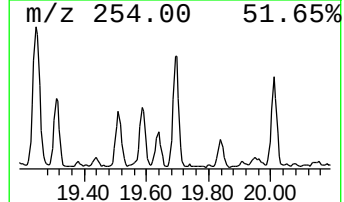
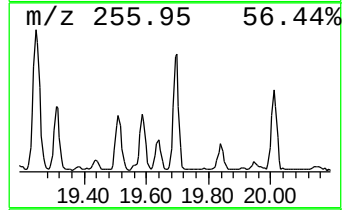
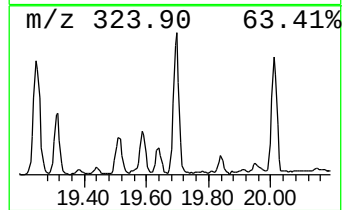
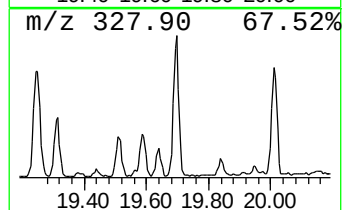
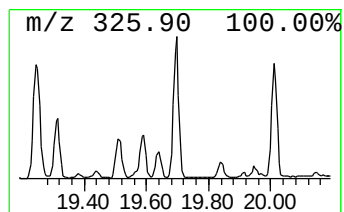
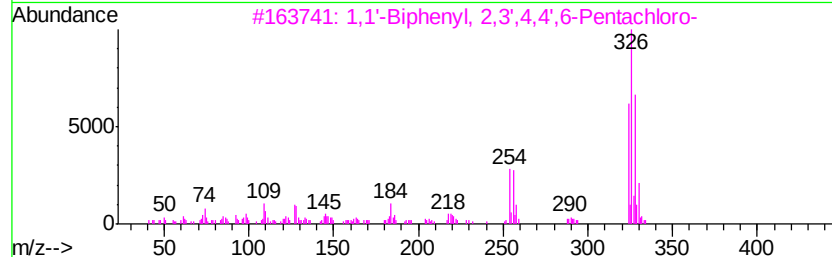
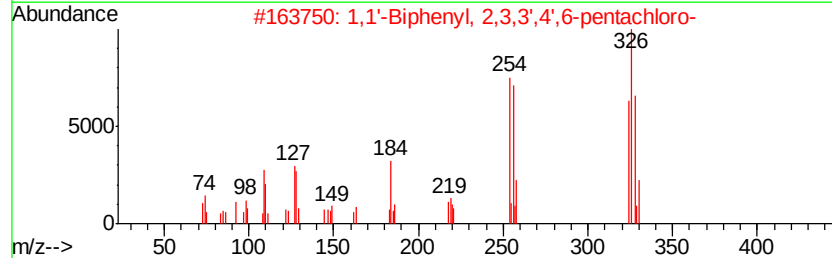
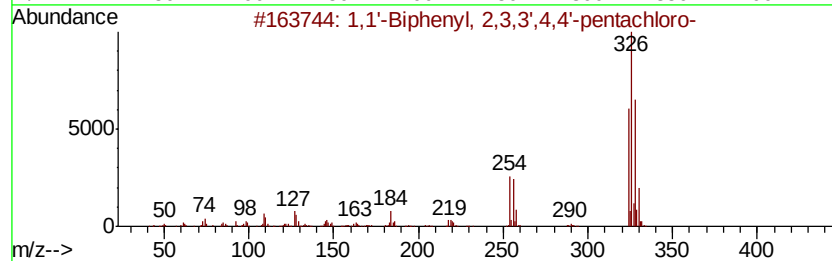
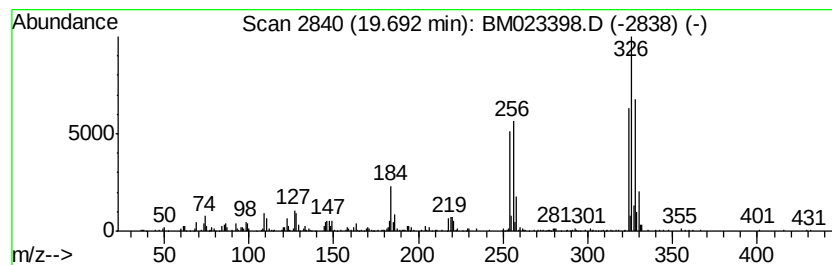
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.69	2.17 ng/ul	709486	Chrysene-d12	21.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	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',6-Penta...	324	C12H5Cl5	056558-17-9	99	
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98	
5	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	98	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023398.D
Acq On : 25 Oct 2019 06:36
Operator : JU
Sample : K5403-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

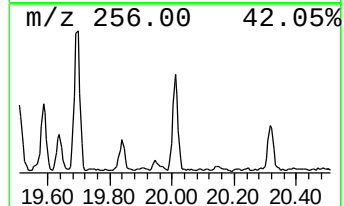
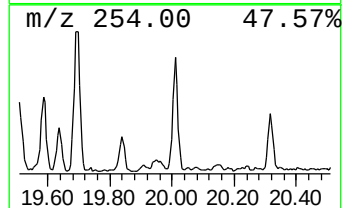
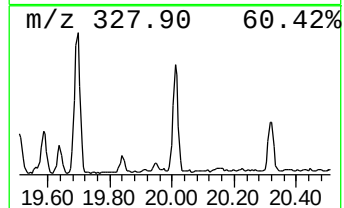
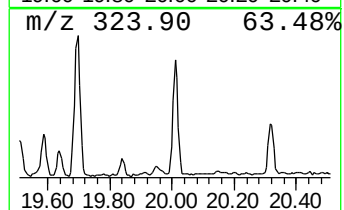
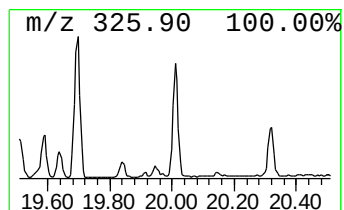
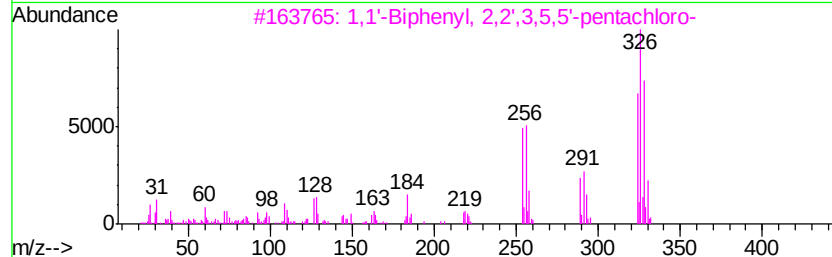
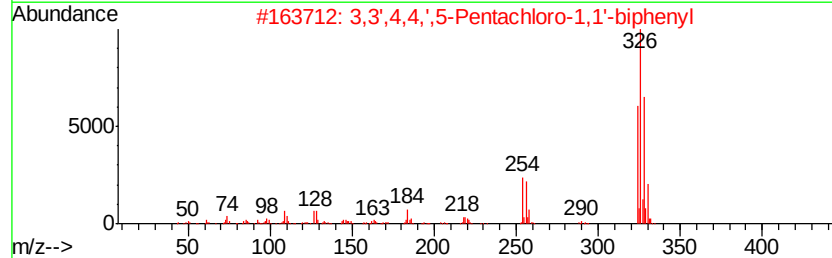
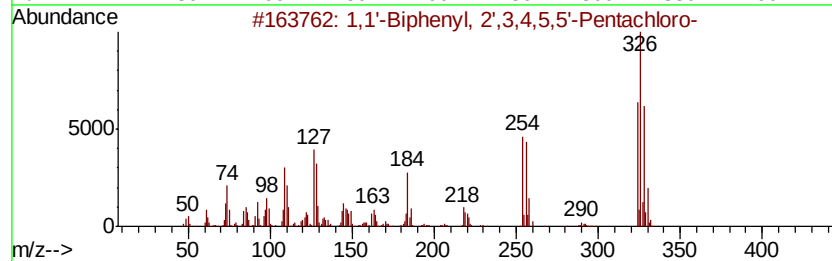
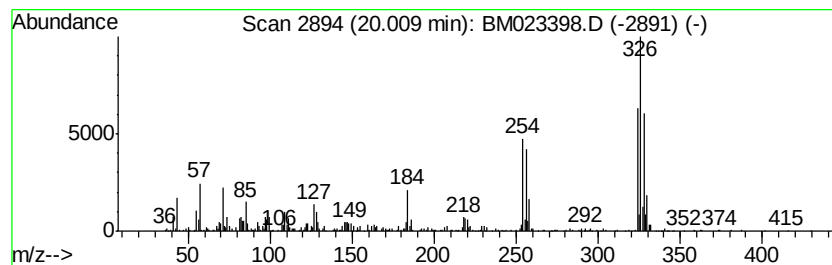
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2',3,4,5,5'-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.01	2.07 ng/ul	676442	Chrysene-d12	21.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99	
2	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	97	
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	97	
4	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	96	
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102419\
 Data File : BM023398.D
 Acq On : 25 Oct 2019 06:36
 Operator : JU
 Sample : K5403-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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...	3.08	6.5	ng/ul	1035600	1	7.63	3184600	20.0
1,1'-Biphenyl, 2,...	16.92	2.3	ng/ul	925945	4	17.03	7989300	20.0
1,1'-Biphenyl, 2'...	17.64	4.1	ng/ul	1645790	4	17.03	7989300	20.0
2,2',4,6'-Tetrach...	18.11	7.2	ng/ul	2859780	4	17.03	7989300	20.0
1,1'-Biphenyl, 2,...	18.17	3.9	ng/ul	1546420	4	17.03	7989300	20.0
1,1'-Biphenyl, 2,...	18.21	2.6	ng/ul	1033070	4	17.03	7989300	20.0
2,2',4,5-Tetrachl...	18.39	5.2	ng/ul	2058690	4	17.03	7989300	20.0
2,3,3',6-Tetrachl...	18.57	2.4	ng/ul	947919	4	17.03	7989300	20.0
1,1'-Biphenyl, 2,...	18.93	5.1	ng/ul	2021520	4	17.03	7989300	20.0
1,1'-Biphenyl, 2,...	18.97	5.5	ng/ul	2197890	4	17.03	7989300	20.0
1,1'-Biphenyl, 2,...	19.24	3.4	ng/ul	1119450	5	21.23	6526250	20.0
1,1'-Biphenyl, 2,...	19.69	2.2	ng/ul	709486	5	21.23	6526250	20.0
1,1'-Biphenyl, 2'...	20.01	2.1	ng/ul	676442	5	21.23	6526250	20.0