

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
 Data File : BM017804.D
 Acq On : 29 Nov 2018 20:10
 Operator : JU/SJ
 Sample : J6038-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB4J0

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-BM111918MA.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	3.022	3	6	8	rBV2	22727	23757	0.87%	0.075%
2	3.069	11	14	16	rVV	19063	19289	0.71%	0.061%
3	3.099	16	19	29	rVB	541791	581250	21.39%	1.840%
4	6.722	631	635	638	rBV3	11983	18598	0.68%	0.059%
5	7.069	689	694	700	rVB4	12678	20935	0.77%	0.066%
6	7.151	702	708	714	rBV6	9949	21760	0.80%	0.069%
7	7.587	771	782	797	rBV	584374	1083362	39.87%	3.429%
8	7.851	822	827	833	rVV8	8059	18805	0.69%	0.060%
9	8.110	863	871	877	rBV7	11335	27888	1.03%	0.088%
10	8.234	885	892	896	rBV6	10079	18591	0.68%	0.059%
11	8.804	984	989	996	rVV3	27465	52738	1.94%	0.167%
12	9.133	1037	1045	1053	rBV5	10849	21432	0.79%	0.068%
13	9.210	1053	1058	1063	rVV5	10887	20341	0.75%	0.064%
14	9.275	1063	1069	1074	rVV7	10846	20479	0.75%	0.065%
15	10.228	1227	1231	1233	rBV4	11175	18545	0.68%	0.059%
16	10.357	1242	1253	1268	rBV	770706	1480177	54.47%	4.685%
17	10.516	1277	1280	1287	rVB2	21527	34868	1.28%	0.110%
18	11.275	1401	1409	1416	rVB5	13103	26732	0.98%	0.085%
19	11.375	1422	1426	1432	rBV3	33448	52007	1.91%	0.165%
20	11.627	1463	1469	1475	rVB8	16604	33809	1.24%	0.107%
21	11.792	1487	1497	1502	rBV7	21243	54720	2.01%	0.173%
22	12.427	1597	1605	1610	rBV6	9593	24969	0.92%	0.079%
23	12.486	1610	1615	1623	rVB8	11983	26195	0.96%	0.083%
24	12.704	1647	1652	1657	rBV4	12619	24169	0.89%	0.076%
25	12.757	1657	1661	1665	rVB	44519	65856	2.42%	0.208%
26	13.063	1708	1713	1719	rVB6	19487	46349	1.71%	0.147%
27	13.139	1724	1726	1734	rVB9	11664	22199	0.82%	0.070%
28	13.404	1766	1771	1774	rBV5	12121	23119	0.85%	0.073%
29	13.486	1780	1785	1791	rBV6	9980	19480	0.72%	0.062%
30	13.551	1792	1796	1802	rVV5	19824	40638	1.50%	0.129%
31	13.633	1806	1810	1816	rVB7	31597	56814	2.09%	0.180%
32	13.716	1816	1824	1829	rBV3	70138	122296	4.50%	0.387%
33	13.763	1829	1832	1840	rVB8	14775	27762	1.02%	0.088%
34	14.051	1877	1881	1885	rBV6	19447	30216	1.11%	0.096%

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35	14.139	1891	1896	1900	rBV3	24909	41126	1.51%	0.130%
36	14.233	1906	1912	1920	rVV2	1302853	2079795	76.53%	6.582%
37	14.463	1947	1951	1952	rBV4	15477	20639	0.76%	0.065%
38	14.645	1979	1982	1986	rVB6	22243	32239	1.19%	0.102%
39	14.768	1999	2003	2010	rVB7	33455	53963	1.99%	0.171%
40	14.868	2016	2020	2023	rBV6	15643	26948	0.99%	0.085%
41	15.010	2040	2044	2049	rVB7	19340	30818	1.13%	0.098%
42	15.098	2056	2059	2064	rBV5	16430	22511	0.83%	0.071%
43	15.192	2072	2075	2079	rBV6	14860	18733	0.69%	0.059%
44	15.292	2086	2092	2095	rBV7	25088	56787	2.09%	0.180%
45	15.410	2110	2112	2117	rVB6	14031	20548	0.76%	0.065%
46	15.504	2124	2128	2133	rVB2	76239	114486	4.21%	0.362%
47	15.604	2141	2145	2151	rVB7	18881	37018	1.36%	0.117%
48	15.668	2151	2156	2160	rBV8	18733	31482	1.16%	0.100%
49	15.710	2160	2163	2167	rBV5	18670	25696	0.95%	0.081%
50	15.804	2174	2179	2181	rBV5	20495	34007	1.25%	0.108%
51	15.980	2203	2209	2215	rBV2	104258	199651	7.35%	0.632%
52	16.098	2222	2229	2234	rBV2	19281	48948	1.80%	0.155%
53	16.292	2259	2262	2268	rBV8	21712	33304	1.23%	0.105%
54	16.809	2346	2350	2358	rVB2	76056	122760	4.52%	0.389%
55	16.986	2374	2380	2385	rBV	1767055	2529306	93.08%	8.005%
56	17.033	2385	2388	2398	rVB	166223	271144	9.98%	0.858%
57	17.174	2409	2412	2417	rVB7	19173	28579	1.05%	0.090%
58	17.368	2443	2445	2449	rVV5	20813	23443	0.86%	0.074%
59	17.415	2450	2453	2457	rVV6	19722	28232	1.04%	0.089%
60	17.704	2498	2502	2510	rBV4	82700	120681	4.44%	0.382%
61	17.786	2512	2516	2522	rVB2	131585	187704	6.91%	0.594%
62	17.874	2527	2531	2535	rBV3	24802	53362	1.96%	0.169%
63	18.062	2559	2563	2567	rBV4	111730	153572	5.65%	0.486%
64	18.121	2569	2573	2577	rVV4	81803	124396	4.58%	0.394%
65	18.168	2577	2581	2588	rVB	143286	213993	7.87%	0.677%
66	18.833	2691	2694	2699	rBV7	30831	59401	2.19%	0.188%
67	18.915	2704	2708	2718	rVB	347554	484820	17.84%	1.534%
68	18.992	2718	2721	2727	rVB8	48851	78593	2.89%	0.249%
69	19.056	2727	2732	2737	rBV	301220	445785	16.40%	1.411%
70	19.115	2737	2742	2748	rVB	268333	413114	15.20%	1.307%
71	19.203	2752	2757	2762	rBV	463877	610379	22.46%	1.932%

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72	19.268	2765	2768	2771	rBV3	64425	68884	2.53%	0.218%
73	19.421	2790	2794	2798	rVB	174360	228984	8.43%	0.725%
74	19.545	2812	2815	2819	rVB5	64760	85152	3.13%	0.269%
75	19.627	2826	2829	2832	rBV	194129	287498	10.58%	0.910%
76	19.774	2850	2854	2858	rVB	456221	518314	19.07%	1.640%
77	19.821	2858	2862	2869	rBV5	151599	312966	11.52%	0.991%
78	19.915	2873	2878	2882	rBV	1203717	1426717	52.50%	4.515%
79	19.962	2882	2886	2890	rVB3	81284	144738	5.33%	0.458%
80	20.121	2909	2913	2918	rVB3	175724	224992	8.28%	0.712%
81	20.197	2921	2926	2930	rVB	1146732	1419851	52.25%	4.494%
82	20.250	2930	2935	2940	rBV2	304347	430648	15.85%	1.363%
83	20.356	2948	2953	2962	rBV3	457955	739267	27.20%	2.340%
84	20.450	2965	2969	2972	rBV	200310	244209	8.99%	0.773%
85	20.509	2972	2979	2985	rVV	682170	1289723	47.46%	4.082%
86	20.562	2986	2988	2992	rVB3	113079	123731	4.55%	0.392%
87	20.662	3001	3005	3010	rVB	660930	815666	30.02%	2.581%
88	20.721	3012	3015	3022	rVB4	296709	370366	13.63%	1.172%
89	20.927	3045	3050	3055	rVB2	600662	833368	30.67%	2.638%
90	20.986	3056	3060	3065	rBV2	329462	405275	14.91%	1.283%
91	21.039	3067	3069	3072	rBV2	104112	119855	4.41%	0.379%
92	21.192	3090	3095	3097	rBV	2110829	2717473	100.00%	8.601%
93	21.215	3097	3099	3106	rVB2	1210249	1500881	55.23%	4.750%
94	21.350	3120	3122	3128	rVB	177717	199111	7.33%	0.630%
95	21.527	3148	3152	3156	rBV	401007	518505	19.08%	1.641%
96	21.586	3159	3162	3166	rVB6	235001	298783	10.99%	0.946%
97	21.650	3170	3173	3180	rVB5	239499	321891	11.85%	1.019%
98	21.780	3192	3195	3200	rVB	187648	211819	7.79%	0.670%
99	22.721	3352	3355	3360	rVB2	272901	338752	12.47%	1.072%
100	23.374	3461	3466	3475	rVB	1244756	2341068	86.15%	7.409%

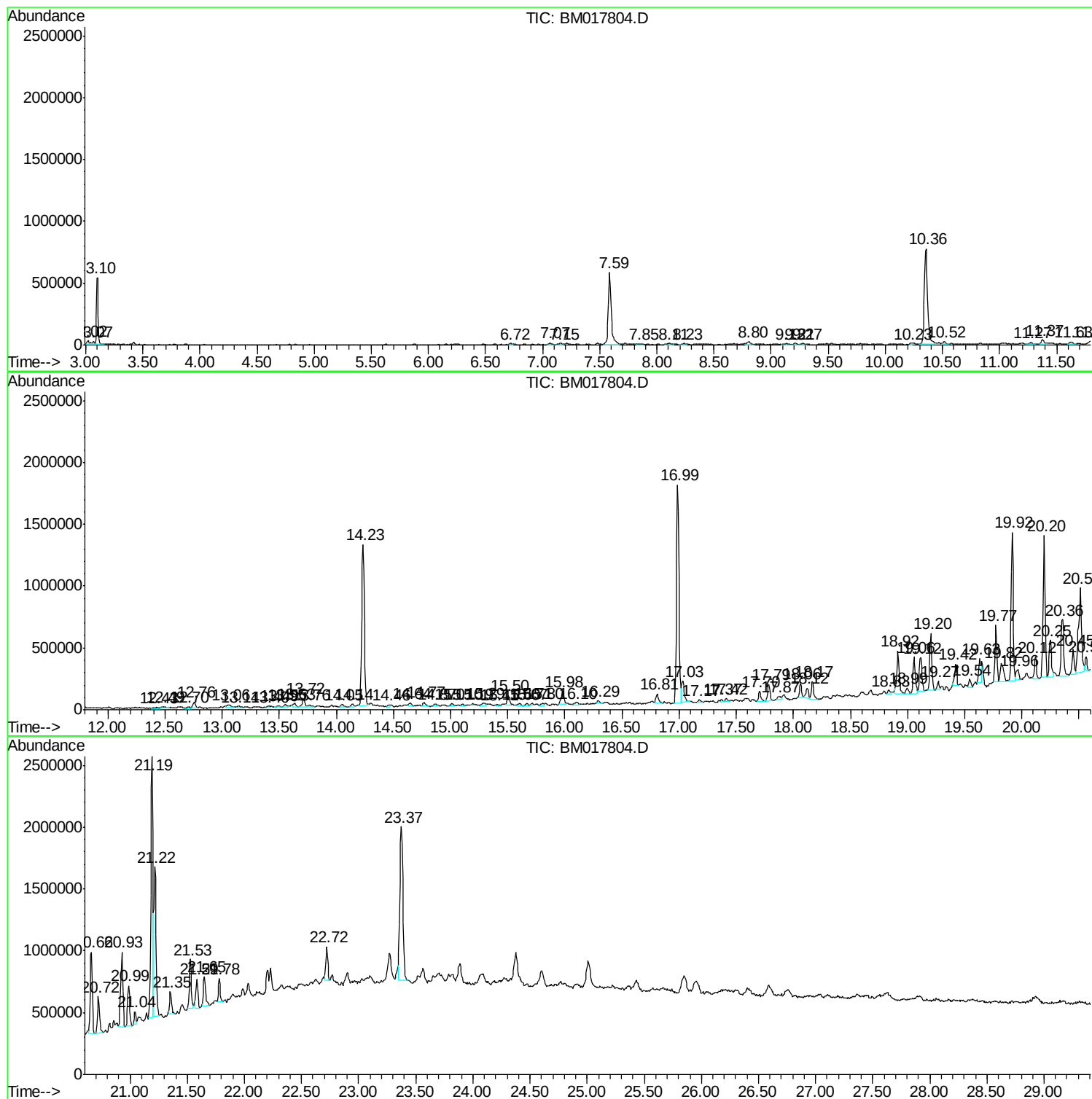
Sum of corrected areas: 31596595

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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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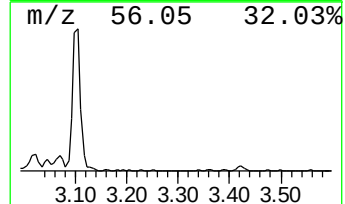
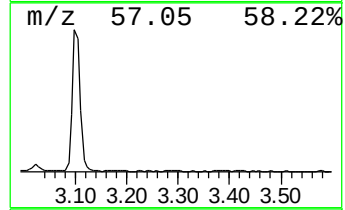
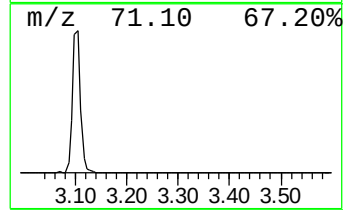
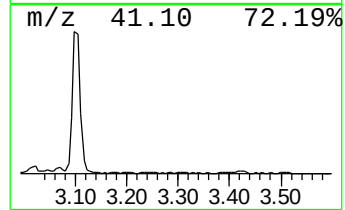
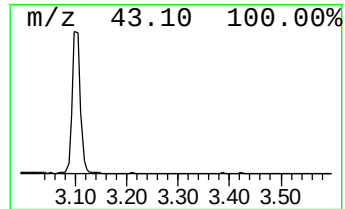
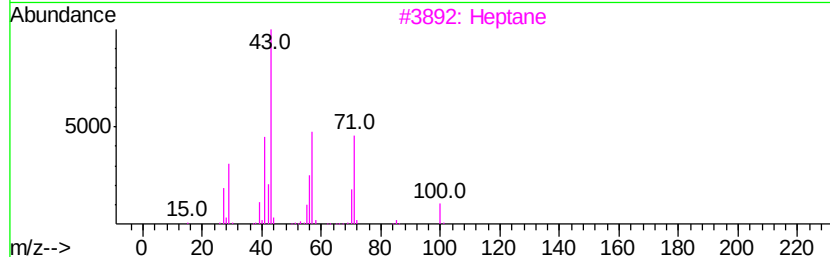
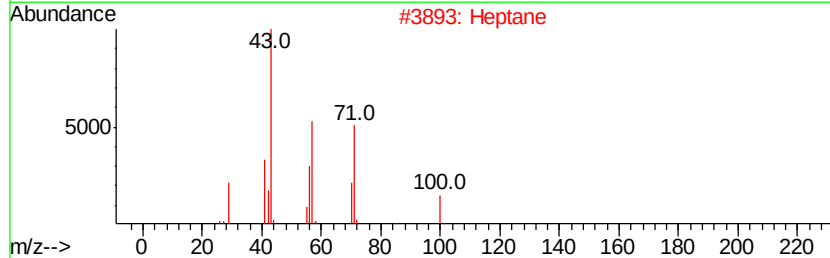
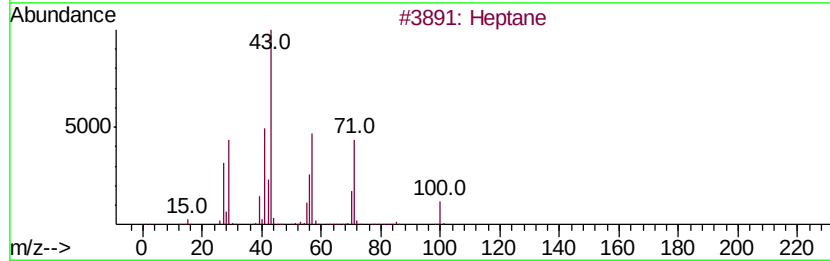
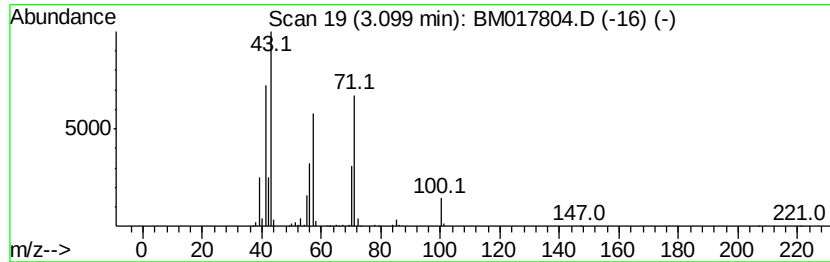
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
3.10	10.73 ng/ul	581250	1,4-Dichlorobenzene-d4	7.59

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	87
4		Heptane	100	C7H16	000142-82-5	86
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	50



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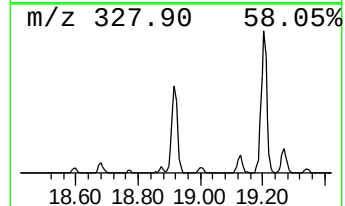
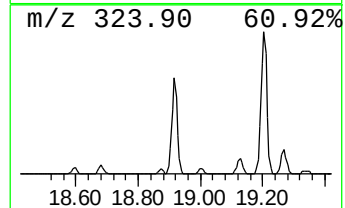
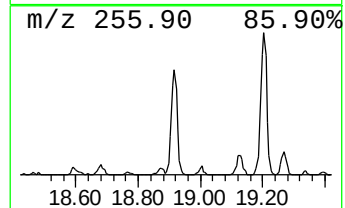
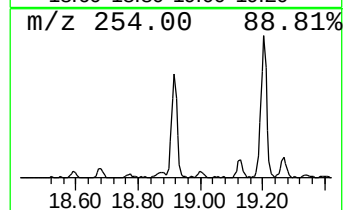
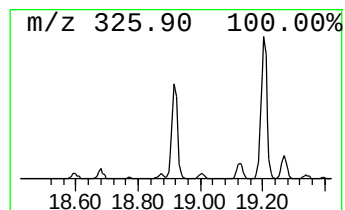
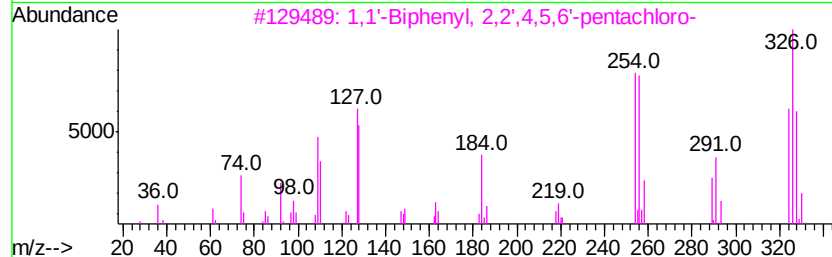
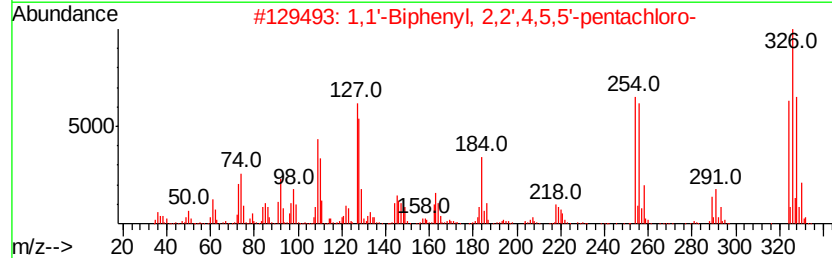
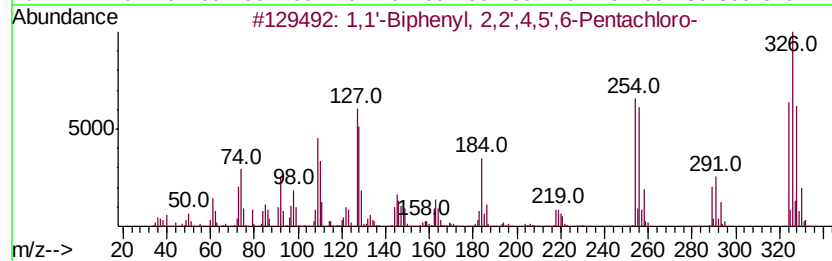
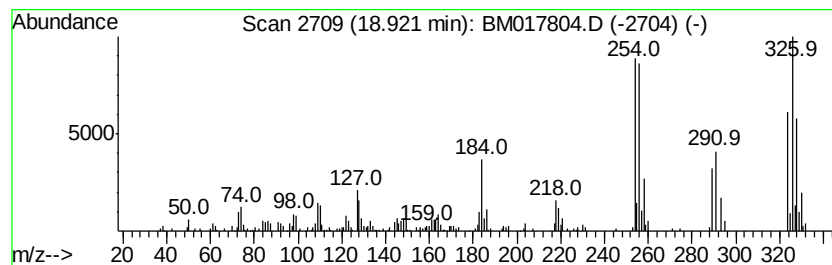
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.83 ng/ul	484820	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
2		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
3		1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	96
4		(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	96
5		1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96



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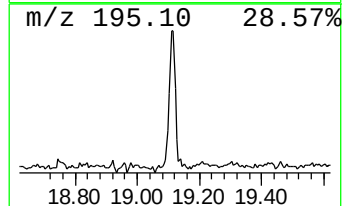
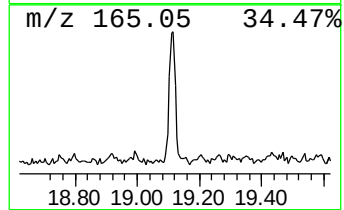
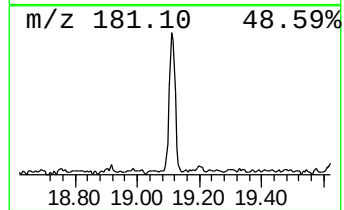
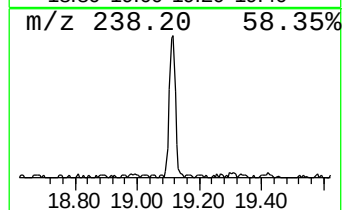
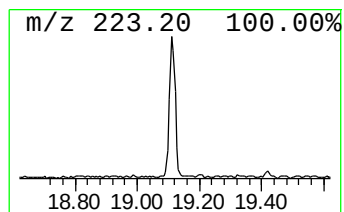
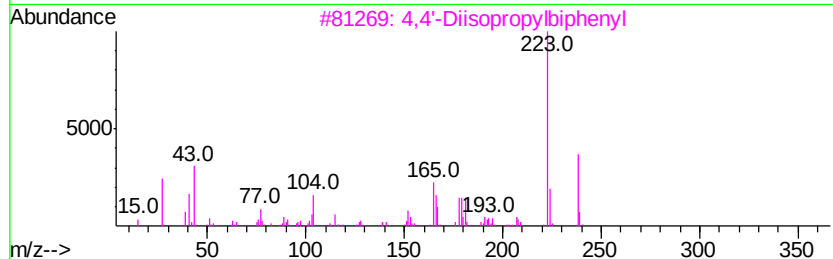
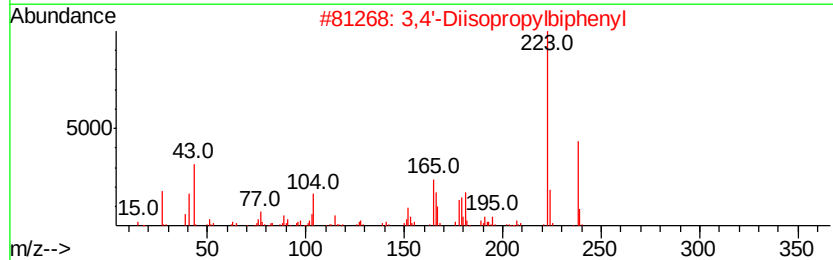
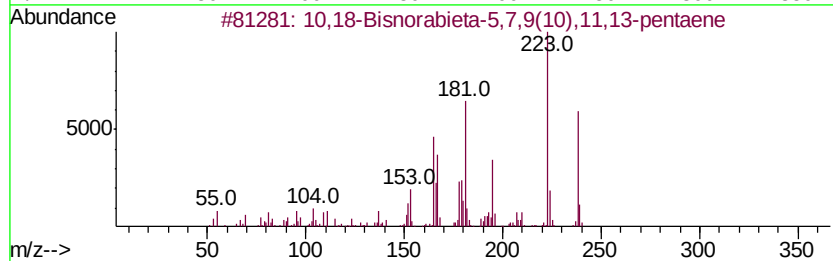
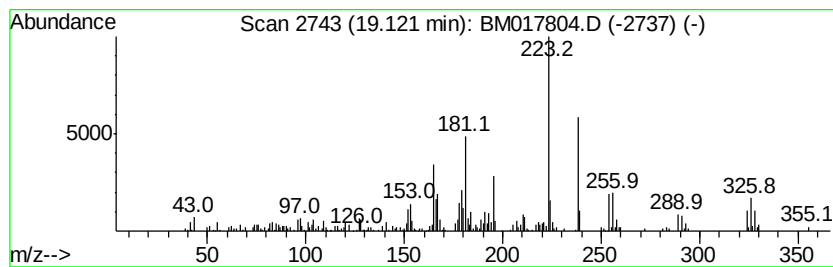
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	3.04 ng/ul	413114	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	97
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	76
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	45
5		Benzene, 1,1'-(2,2-dichloroethyl...	306	C18H20Cl2	000072-56-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017804.D
Acq On : 29 Nov 2018 20:10
Operator : JU/SJ
Sample : J6038-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB4J0

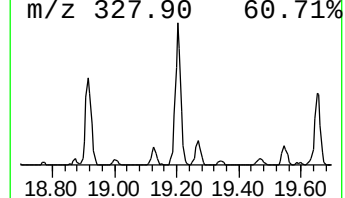
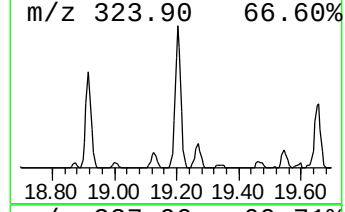
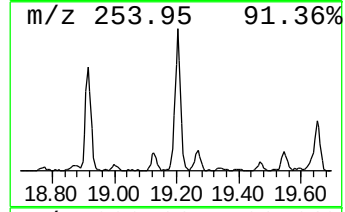
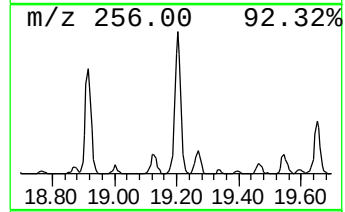
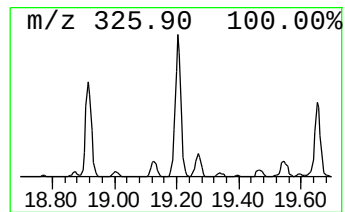
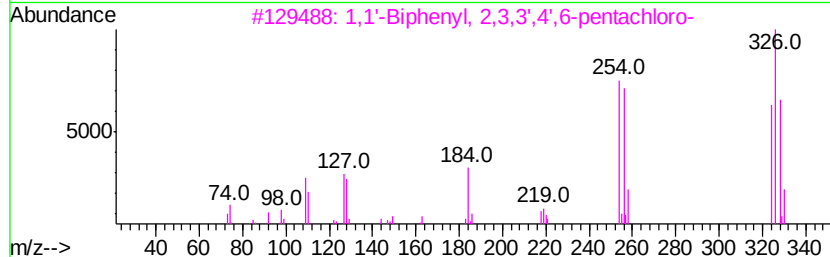
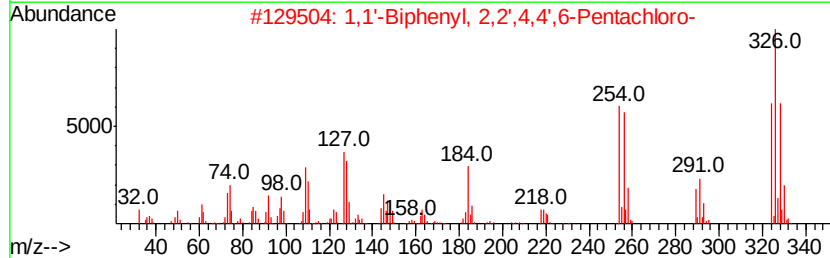
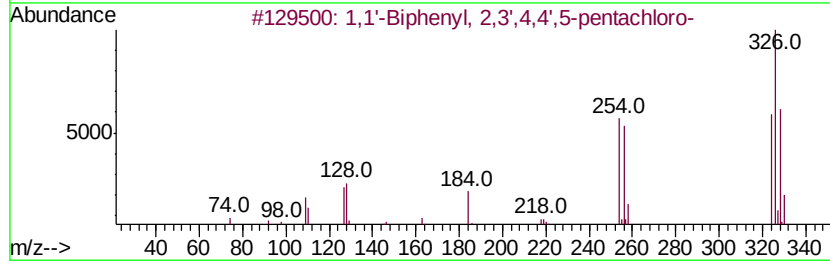
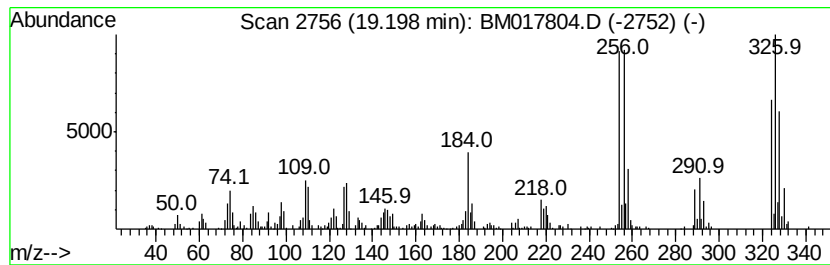
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	4.49 ng/ul	610379	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
3		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017804.D
Acq On : 29 Nov 2018 20:10
Operator : JU/SJ
Sample : J6038-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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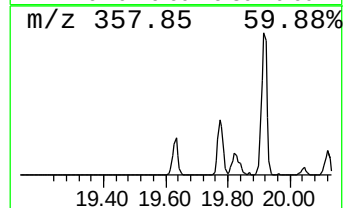
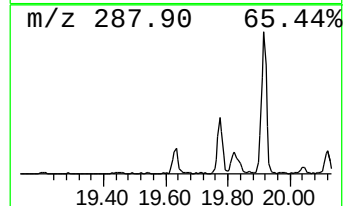
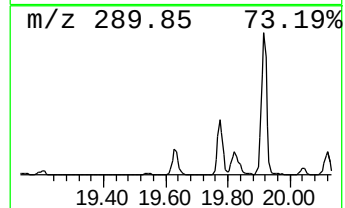
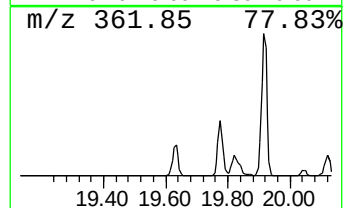
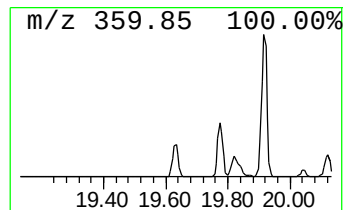
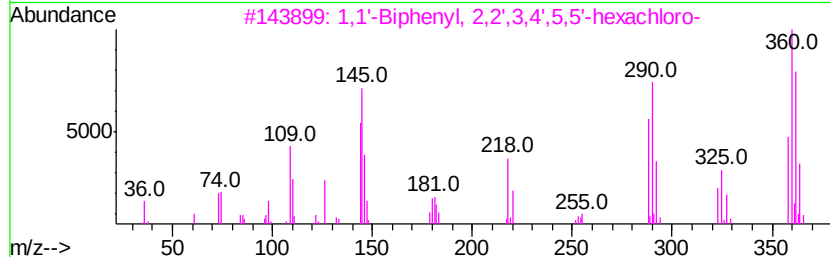
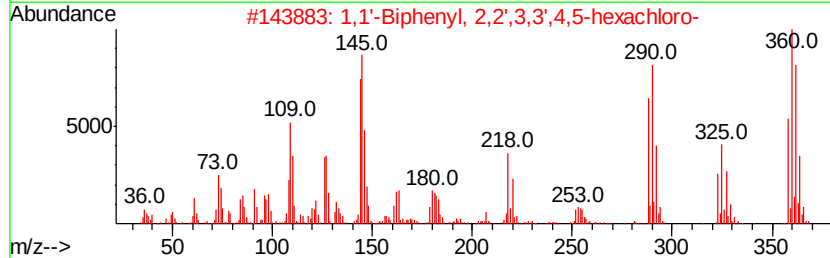
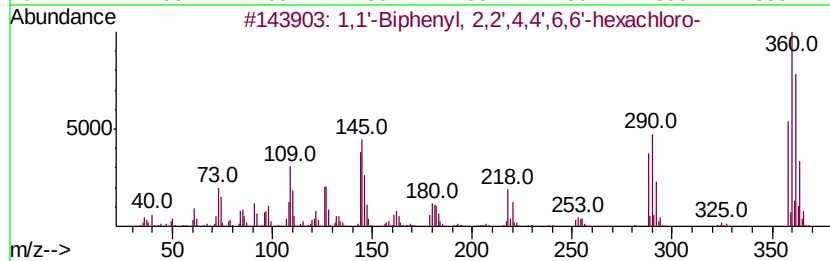
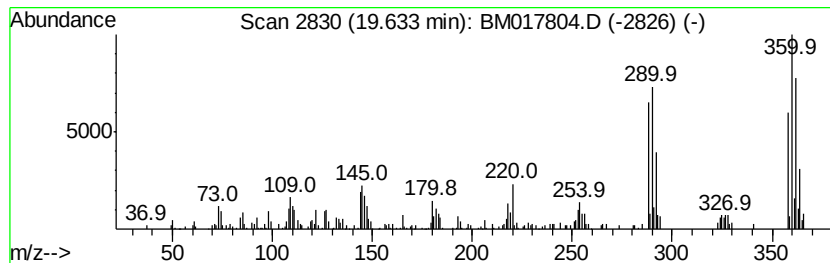
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	2.12 ng/ul	287498	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
2		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96
3		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96
4		1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	96
5		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017804.D
Acq On : 29 Nov 2018 20:10
Operator : JU/SJ
Sample : J6038-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

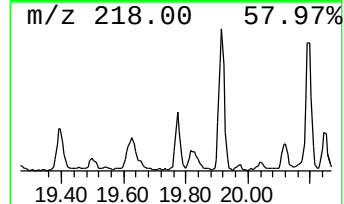
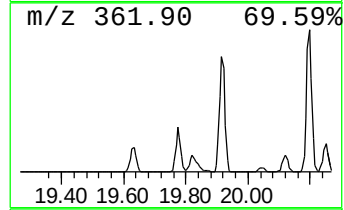
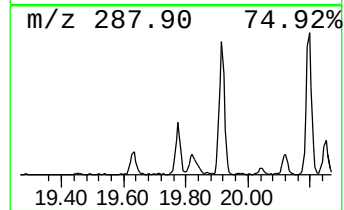
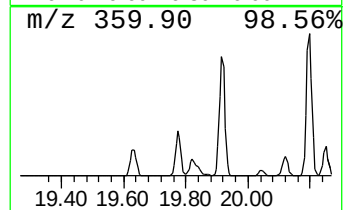
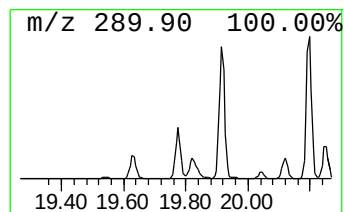
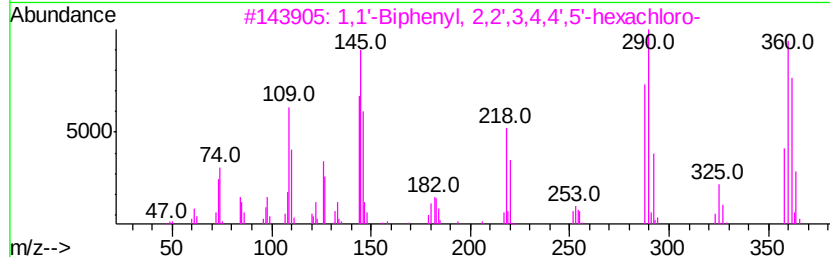
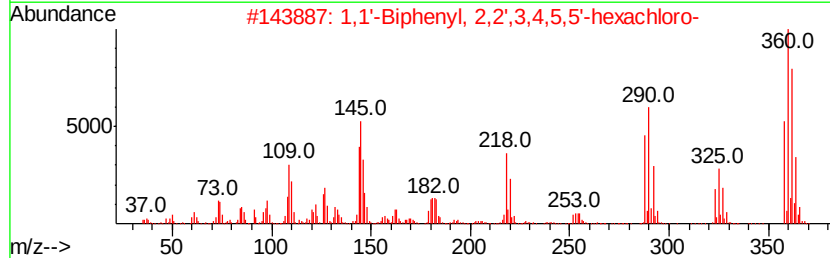
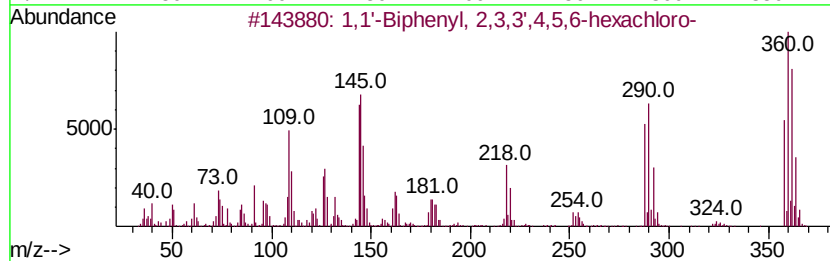
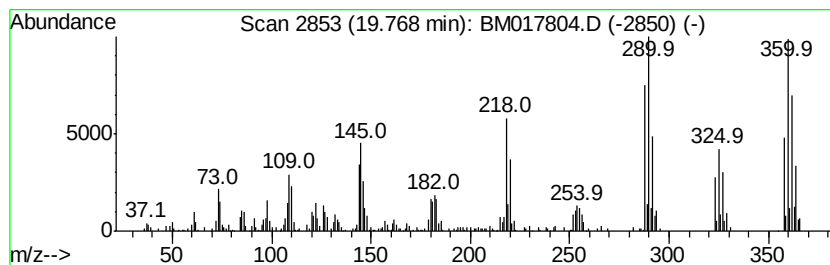
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.77	3.81 ng/ul	518314	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'	-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'	-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'	-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
5	1,1'	-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017804.D
Acq On : 29 Nov 2018 20:10
Operator : JU/SJ
Sample : J6038-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

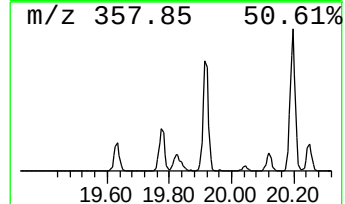
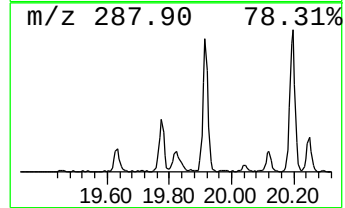
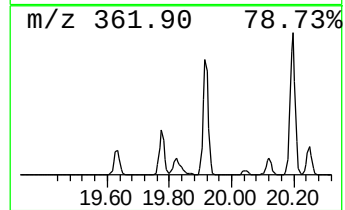
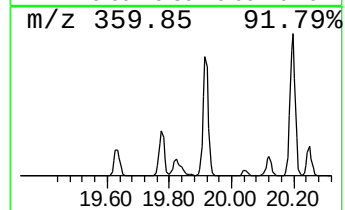
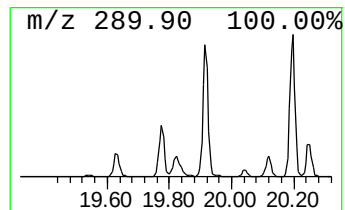
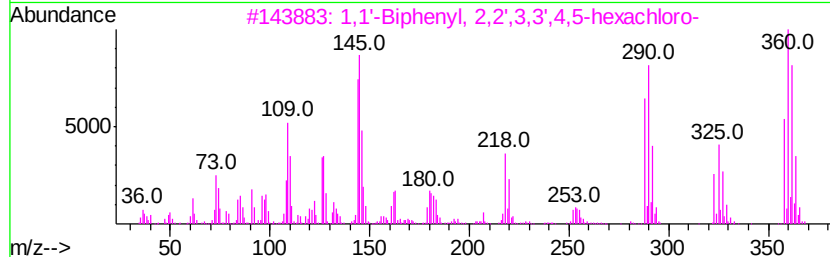
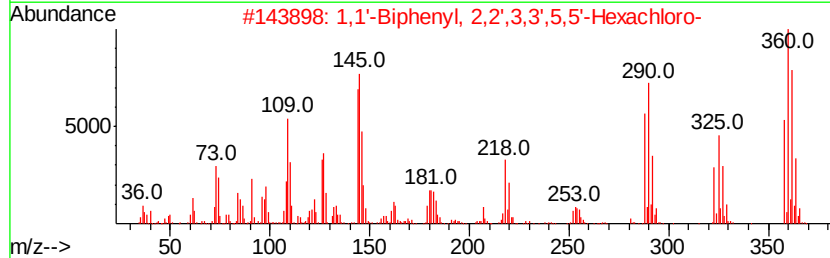
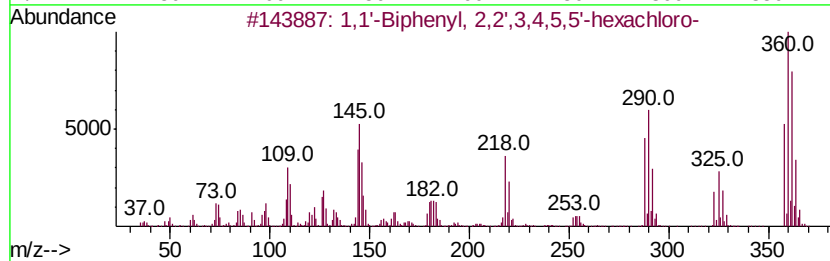
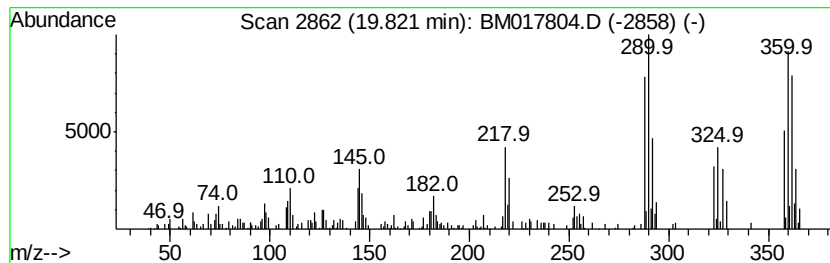
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.82	2.30 ng/ul	312966	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	98
2	1,1'	-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	96
3	1,1'	-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96
4	1,1'	-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96
5	1,1'	-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
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Operator : JU/SJ
Sample : J6038-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

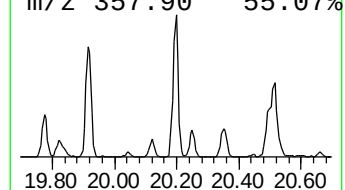
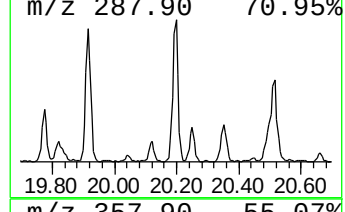
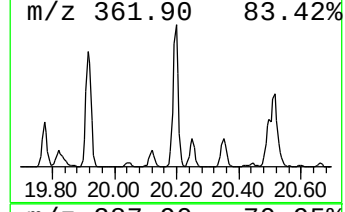
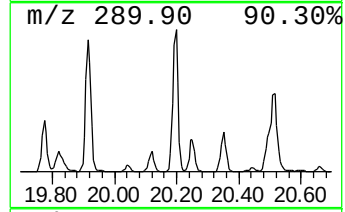
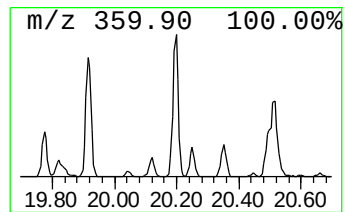
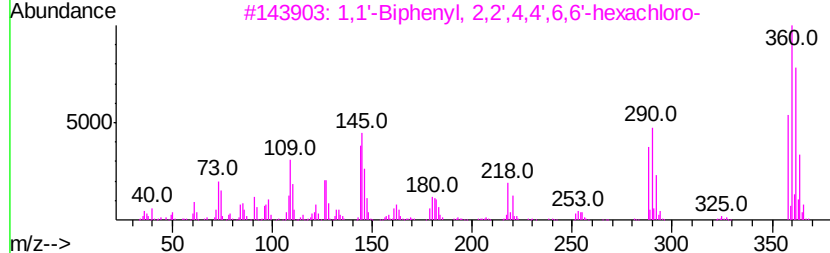
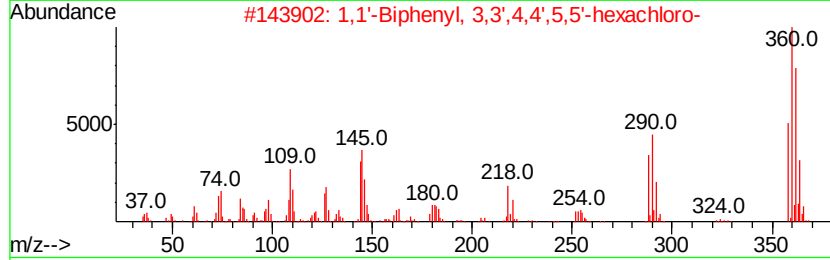
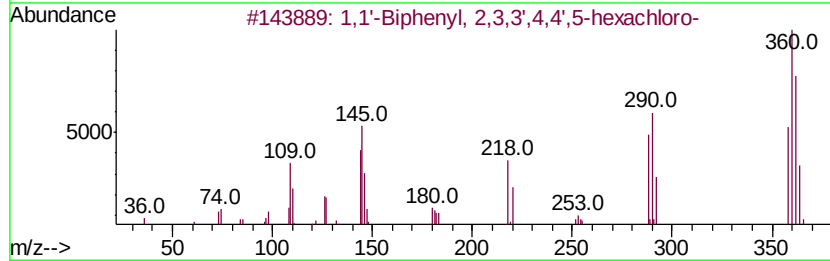
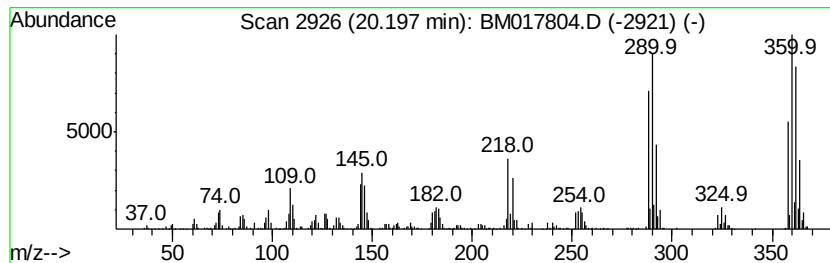
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	10.45 ng/ul	1419850	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358 C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358 C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358 C12H4Cl6	033979-03-2	98
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358 C12H4Cl6	041411-62-5	97
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358 C12H4Cl6	055215-18-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
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Sample : J6038-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

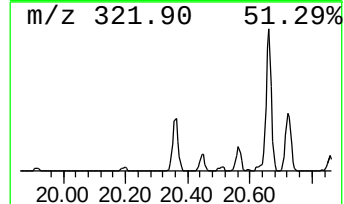
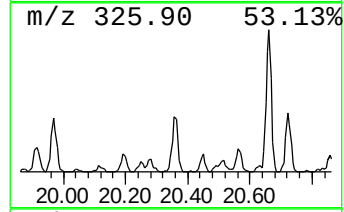
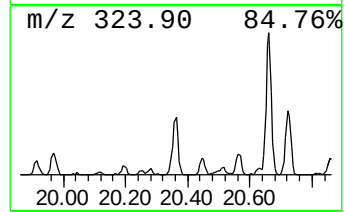
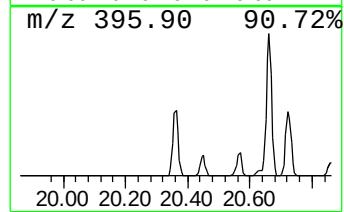
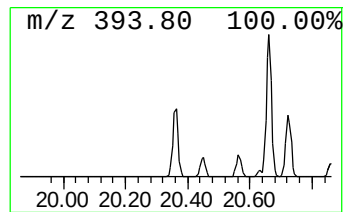
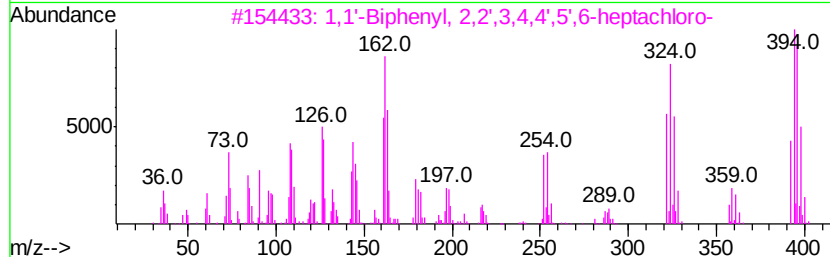
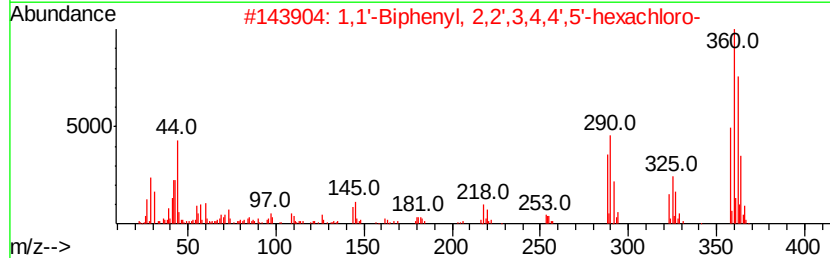
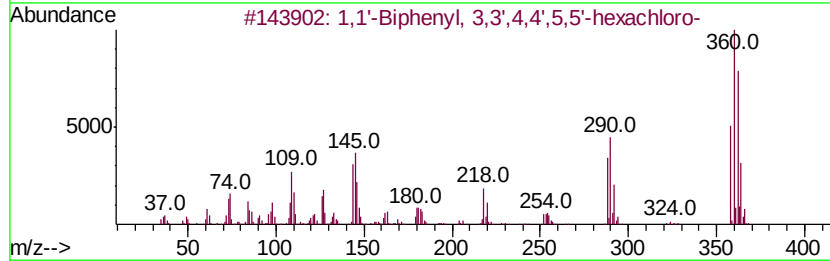
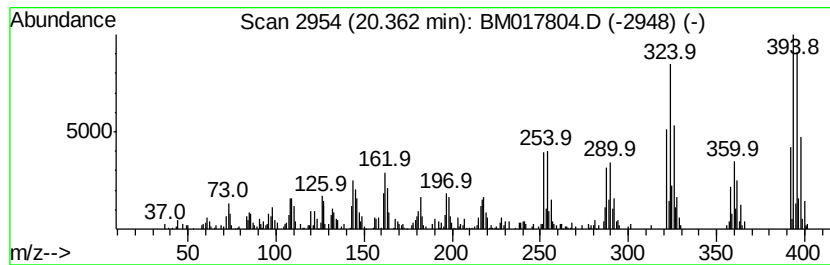
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.36	5.44 ng/ul	739267	Chrysene-d12	21.19	
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	97
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	97
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	97
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
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Sample : J6038-06
Misc :
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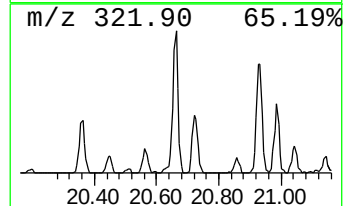
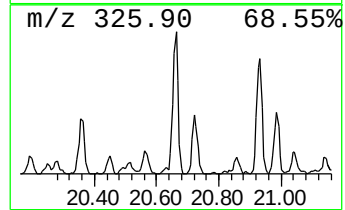
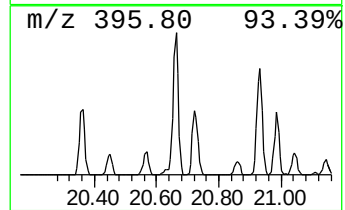
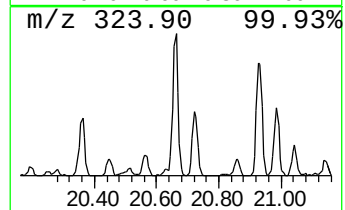
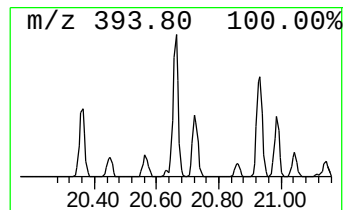
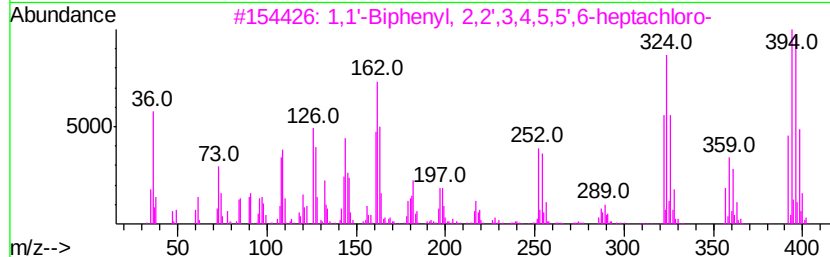
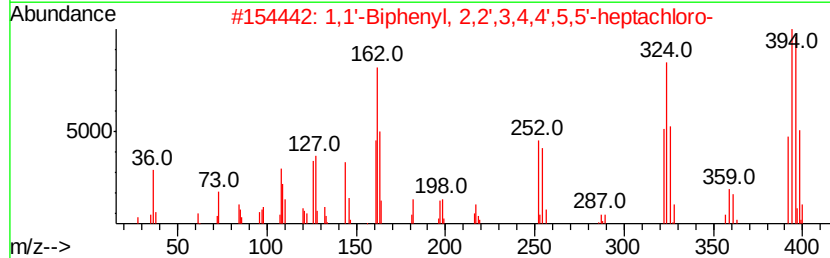
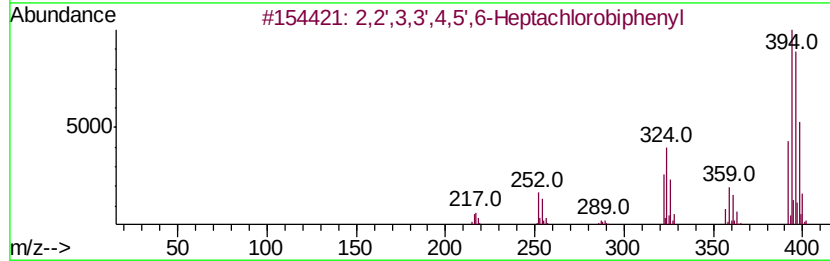
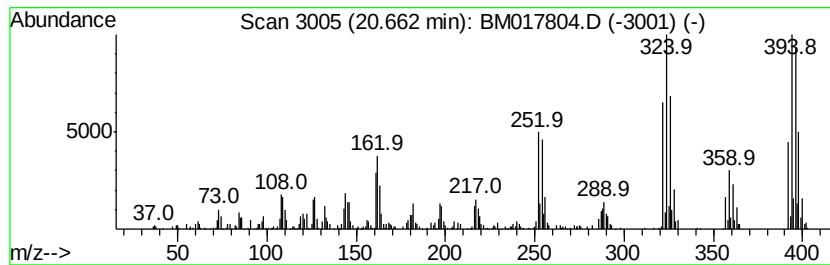
Instrument :
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ClientSampleId :
CB4J0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	6.00 ng/ul	815666	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392 C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392 C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392 C12H3Cl7	052712-05-7	99
4	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392 C12H3Cl7	074472-51-8	99
5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392 C12H3Cl7	074472-49-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017804.D
Acq On : 29 Nov 2018 20:10
Operator : JU/SJ
Sample : J6038-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

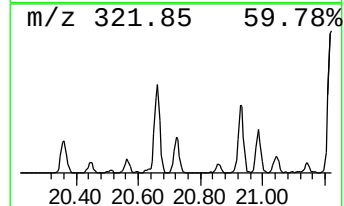
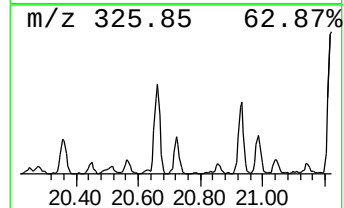
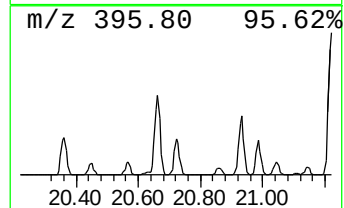
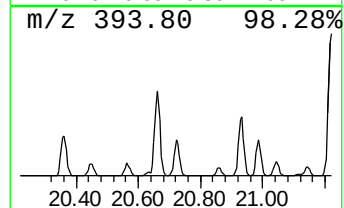
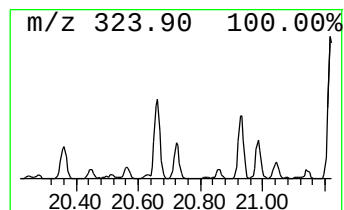
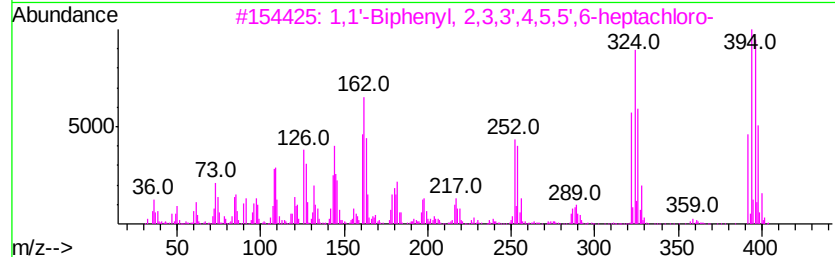
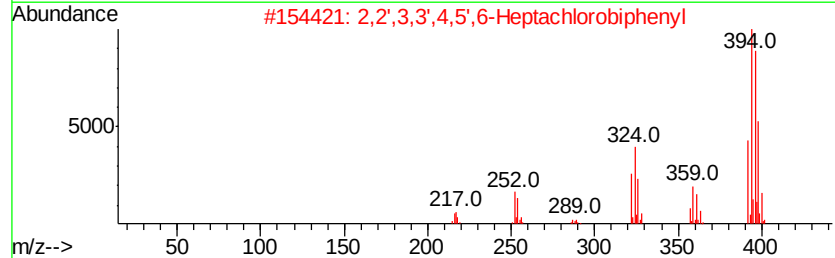
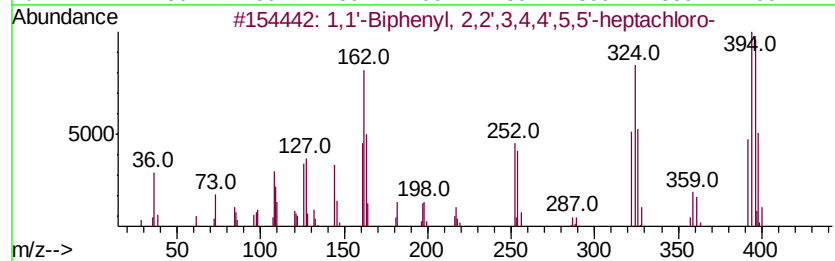
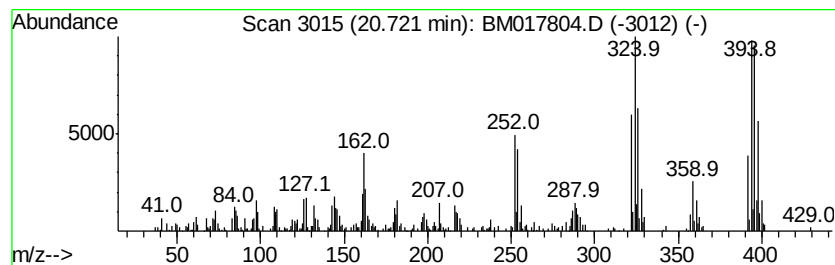
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.72	2.73 ng/ul	370366	Chrysene-d12	21.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,5'-...	392	C12H3Cl7	052663-74-8	96
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017804.D
Acq On : 29 Nov 2018 20:10
Operator : JU/SJ
Sample : J6038-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

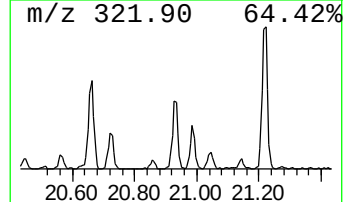
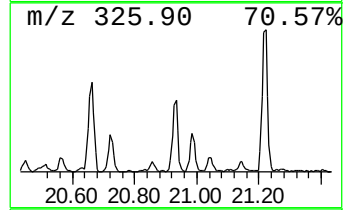
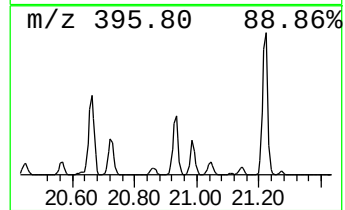
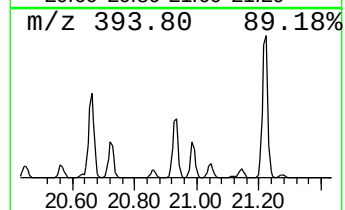
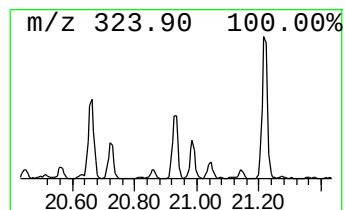
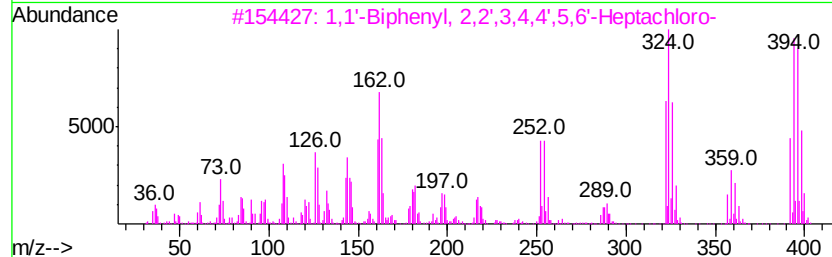
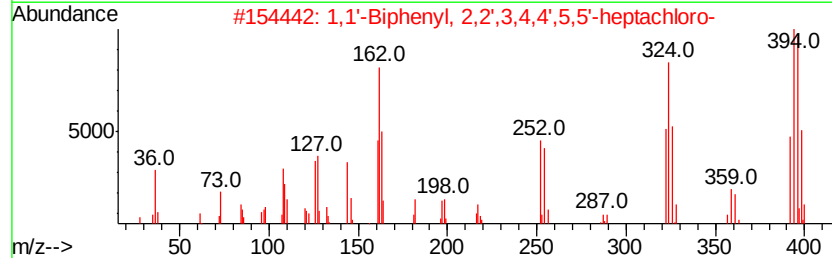
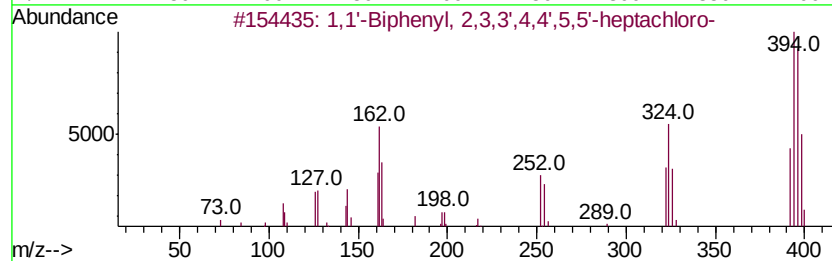
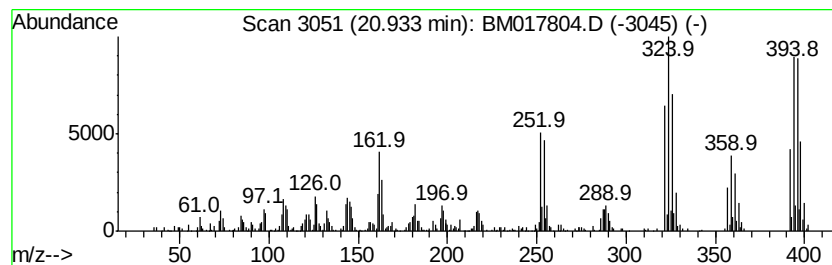
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.93	6.13 ng/ul	833368	Chrysene-d12	21.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
5	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017804.D
Acq On : 29 Nov 2018 20:10
Operator : JU/SJ
Sample : J6038-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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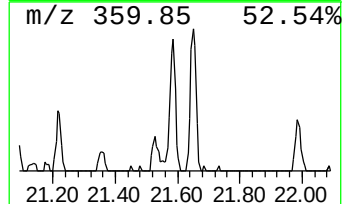
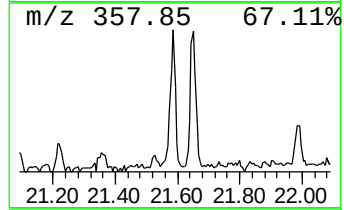
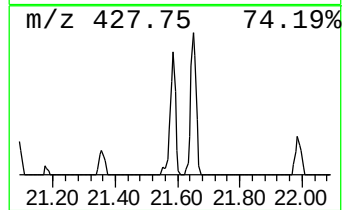
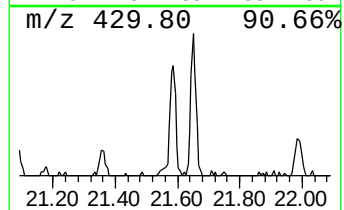
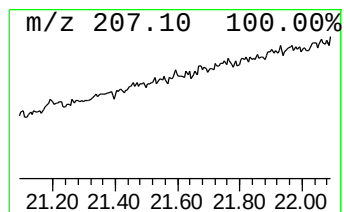
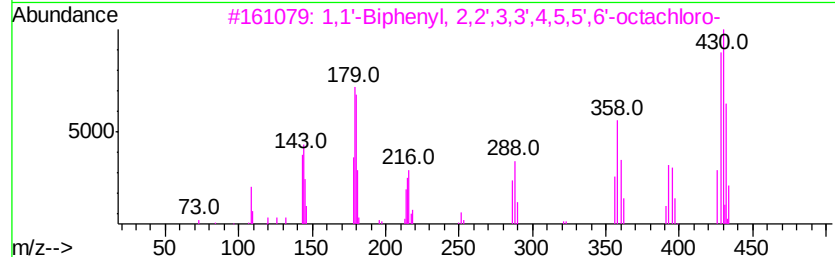
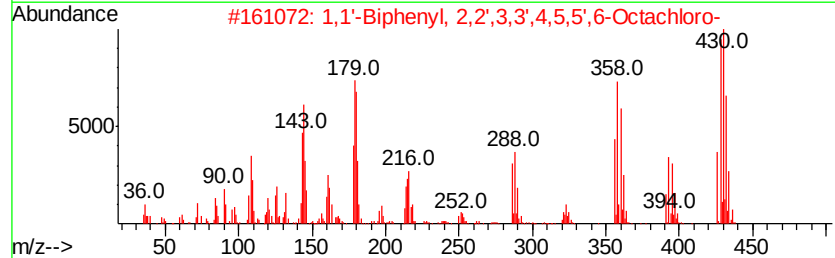
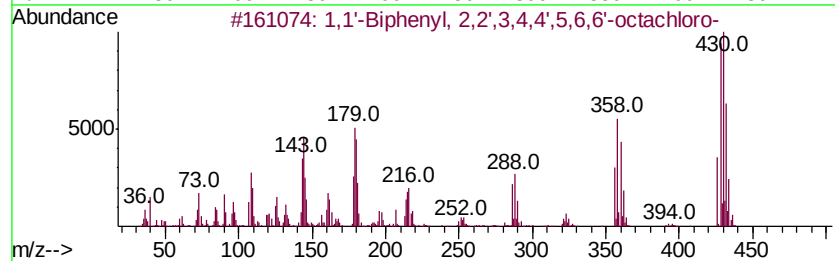
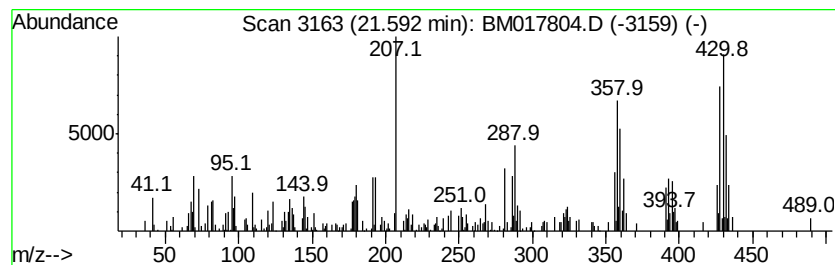
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.20 ng/ul	298783	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99	
2	1,1'	-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99	
3	1,1'	-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99	
4	1,1'	-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99	
5	1,1'	-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017804.D
Acq On : 29 Nov 2018 20:10
Operator : JU/SJ
Sample : J6038-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

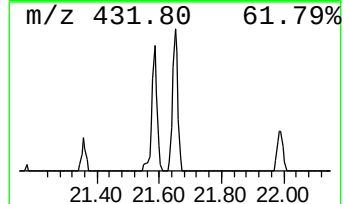
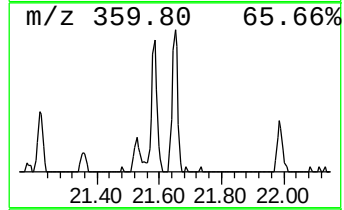
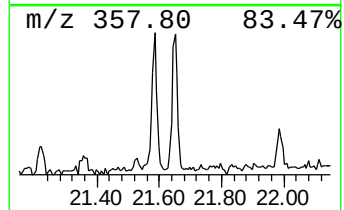
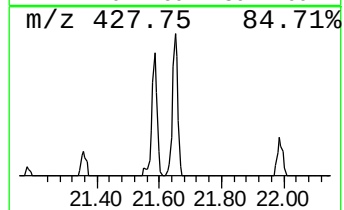
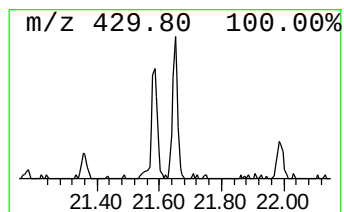
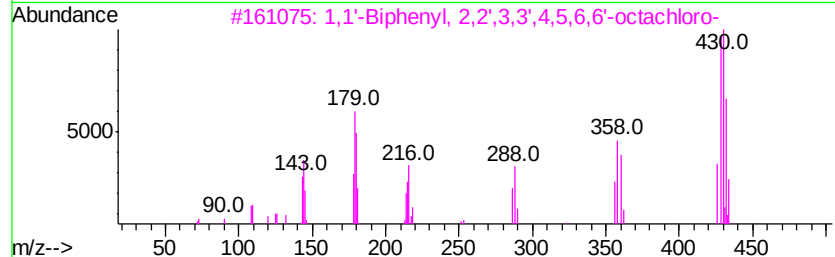
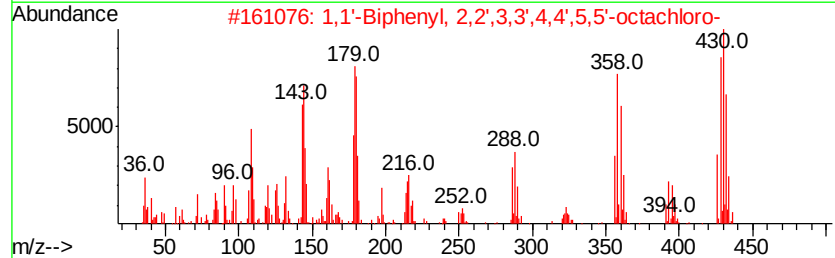
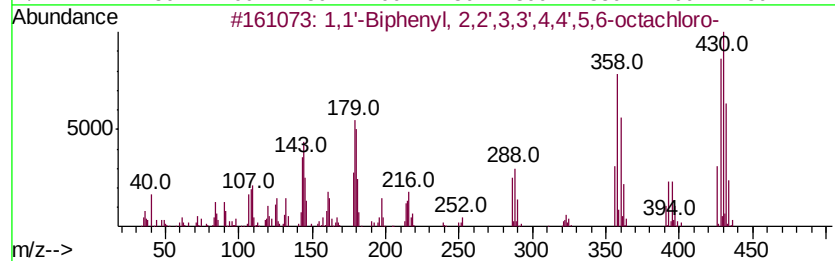
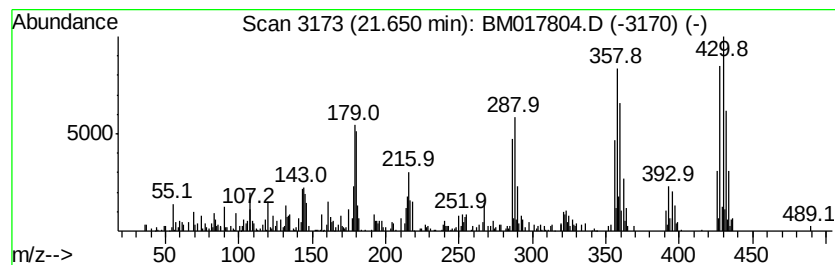
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.37 ng/ul	321891	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426 C12H2Cl8	052663-78-2	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426 C12H2Cl8	035694-08-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426 C12H2Cl8	052663-73-7	94
4	1,1'-Biphenyl, 2,2',3,3',4,4',6...	426 C12H2Cl8	033091-17-7	91
5	1,1'-Biphenyl, 2,2',3,3',4,5',6...	426 C12H2Cl8	040186-71-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017804.D
Acq On : 29 Nov 2018 20:10
Operator : JU/SJ
Sample : J6038-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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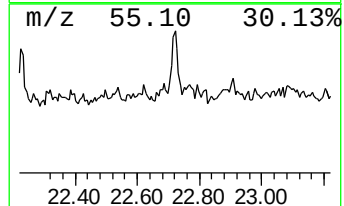
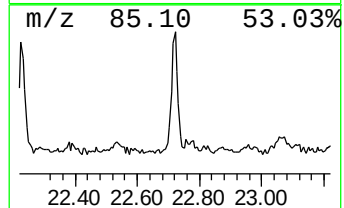
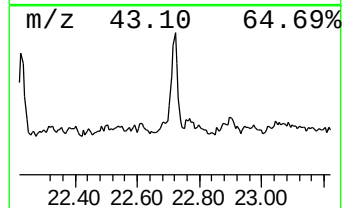
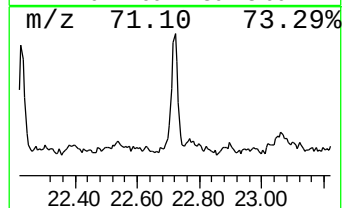
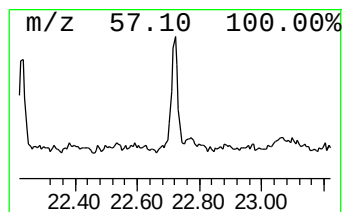
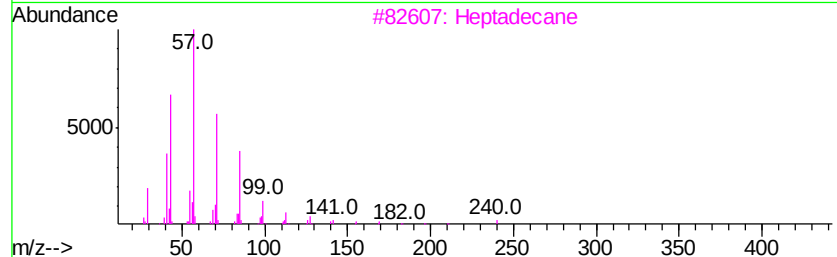
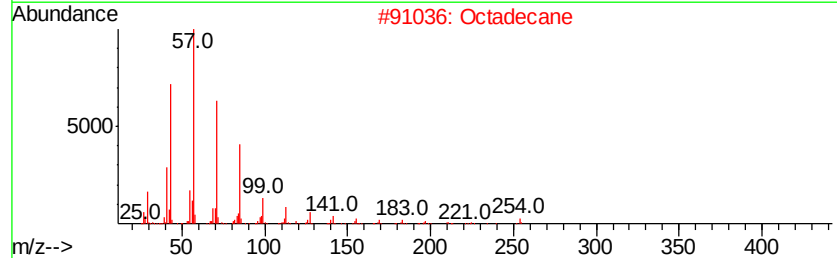
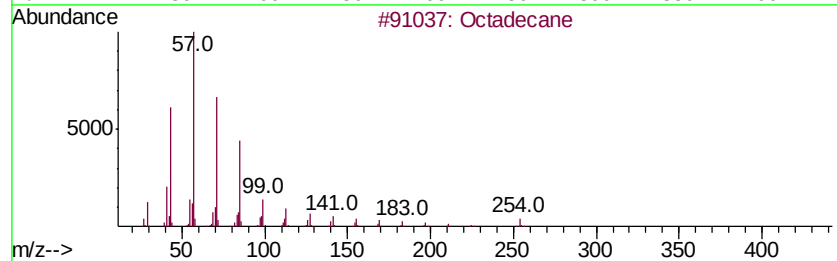
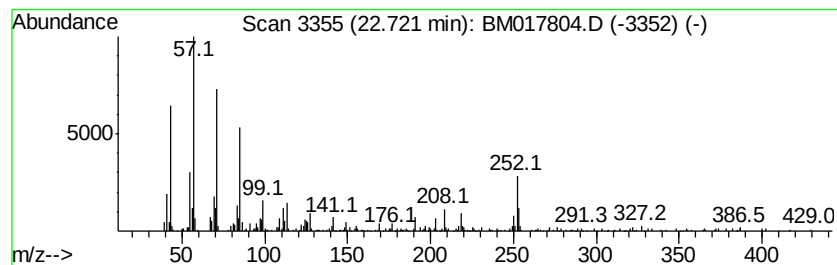
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	2.89 ng/ul	338752	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Heptadecane	240	C17H36	000629-78-7	89
4		Heptadecane	240	C17H36	000629-78-7	83
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112918\
 Data File : BM017804.D
 Acq On : 29 Nov 2018 20:10
 Operator : JU/SJ
 Sample : J6038-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB4J0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.10	10.7	ng/ul	581250	1	7.59	1083360	20.0
1,1'-Biphenyl, 2,...	18.92	3.8	ng/ul	484820	4	16.99	2529310	20.0
10,18-Bisnorabiet...	19.12	3.0	ng/ul	413114	5	21.19	2717470	20.0
1,1'-Biphenyl, 2,...	19.20	4.5	ng/ul	610379	5	21.19	2717470	20.0
1,1'-Biphenyl, 2,...	19.63	2.1	ng/ul	287498	5	21.19	2717470	20.0
1,1'-Biphenyl, 2,...	19.77	3.8	ng/ul	518314	5	21.19	2717470	20.0
1,1'-Biphenyl, 2,...	19.82	2.3	ng/ul	312966	5	21.19	2717470	20.0
1,1'-Biphenyl, 2,...	20.20	10.4	ng/ul	1419850	5	21.19	2717470	20.0
1,1'-Biphenyl, 3,...	20.36	5.4	ng/ul	739267	5	21.19	2717470	20.0
2,2',3,3',4,5',6-...	20.66	6.0	ng/ul	815666	5	21.19	2717470	20.0
1,1'-Biphenyl, 2,...	20.72	2.7	ng/ul	370366	5	21.19	2717470	20.0
1,1'-Biphenyl, 2,...	20.93	6.1	ng/ul	833368	5	21.19	2717470	20.0
1,1'-Biphenyl, 2,...	21.59	2.2	ng/ul	298783	5	21.19	2717470	20.0
1,1'-Biphenyl, 2,...	21.65	2.4	ng/ul	321891	5	21.19	2717470	20.0
(DEL) Alkane: Str...	22.72	2.9	ng/ul	338752	6	23.37	2341070	20.0