

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008578.D
 Acq On : 15 Nov 2019 04:44
 Operator : JU
 Sample : K5819-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B01

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_N\METHODS\SOM-EPA-BN111319MA.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	3.075	12	15	17	rBV	77865	79549	1.39%	0.182%
2	3.099	17	19	21	rVV2	34315	33929	0.59%	0.078%
3	3.122	21	23	26	rVV	54431	53804	0.94%	0.123%
4	3.158	26	29	36	rVB	1117381	1155259	20.16%	2.643%
5	3.299	51	53	56	rVB4	5737	6556	0.11%	0.015%
6	3.458	77	80	81	rBV3	18937	19088	0.33%	0.044%
7	3.481	81	84	89	rVB	71305	85267	1.49%	0.195%
8	3.805	136	139	143	rVV6	4996	7784	0.14%	0.018%
9	3.846	143	146	149	rVV4	9940	13123	0.23%	0.030%
10	3.928	155	160	165	rBV3	28809	42298	0.74%	0.097%
11	4.052	177	181	184	rVB5	6954	12135	0.21%	0.028%
12	4.458	246	250	251	rBV4	10062	10447	0.18%	0.024%
13	4.563	264	268	273	rVB	26465	32840	0.57%	0.075%
14	4.663	282	285	289	rBV4	5826	7805	0.14%	0.018%
15	4.752	293	300	304	rVB6	10549	20339	0.35%	0.047%
16	4.846	314	316	318	rBV3	6154	6523	0.11%	0.015%
17	5.152	361	368	372	rBV6	13775	25079	0.44%	0.057%
18	5.858	485	488	495	rBV8	4459	10257	0.18%	0.023%
19	6.010	512	514	517	rVB4	6908	6801	0.12%	0.016%
20	6.040	517	519	522	rBV2	6429	8442	0.15%	0.019%
21	6.587	609	612	615	rVB3	5178	6550	0.11%	0.015%
22	6.640	617	621	625	rVV5	4323	7634	0.13%	0.017%
23	6.669	625	626	632	rVB5	5392	6988	0.12%	0.016%
24	7.046	684	690	692	rBV6	5205	7699	0.13%	0.018%
25	7.081	692	696	700	rVB5	5433	7656	0.13%	0.018%
26	7.210	716	718	724	rVB7	6211	7836	0.14%	0.018%
27	7.634	783	790	797	rVV	1923509	3017760	52.65%	6.905%
28	7.775	810	814	819	rVB4	15345	25213	0.44%	0.058%
29	8.169	878	881	884	rVB5	5693	7267	0.13%	0.017%
30	9.816	1156	1161	1165	rVV6	5961	9418	0.16%	0.022%
31	9.975	1184	1188	1190	rBV5	5471	8089	0.14%	0.019%
32	10.110	1206	1211	1218	rVB6	12953	25512	0.45%	0.058%
33	10.393	1250	1259	1274	rVB	2379286	3998287	69.76%	9.148%
34	10.881	1339	1342	1348	rVB6	8551	13394	0.23%	0.031%

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 Title : SVOA CALIBRATION

35	11.098	1376	1379	1384	rVB5	6960	10340	0.18%	0.024%
36	11.169	1388	1391	1396	rBV6	5558	9670	0.17%	0.022%
37	11.457	1435	1440	1444	rBV6	3913	6933	0.12%	0.016%
38	14.192	1903	1905	1909	rBV4	4985	8194	0.14%	0.019%
39	14.257	1909	1916	1925	rVB	3582931	5220355	91.08%	11.945%
40	14.604	1970	1975	1979	rVB4	8185	13424	0.23%	0.031%
41	15.151	2065	2068	2071	rBV4	9795	10865	0.19%	0.025%
42	15.516	2127	2130	2135	rBV5	10482	13548	0.24%	0.031%
43	15.951	2199	2204	2207	rBV6	4952	8673	0.15%	0.020%
44	15.992	2209	2211	2213	rBV3	7663	7290	0.13%	0.017%
45	16.216	2245	2249	2251	rBV5	5060	6876	0.12%	0.016%
46	16.239	2251	2253	2258	rVB6	6019	7643	0.13%	0.017%
47	16.539	2300	2304	2310	rVB4	48790	63771	1.11%	0.146%
48	16.657	2321	2324	2328	rBV4	8580	12112	0.21%	0.028%
49	16.786	2343	2346	2352	rVB2	18760	31613	0.55%	0.072%
50	16.892	2361	2364	2367	rVB5	12122	13653	0.24%	0.031%
51	16.928	2367	2370	2372	rBV3	8853	8631	0.15%	0.020%
52	16.998	2375	2382	2388	rVV	4063787	5731410	100.00%	13.114%
53	17.039	2388	2389	2395	rVV3	57505	57255	1.00%	0.131%
54	17.098	2395	2399	2403	rVB3	18074	25448	0.44%	0.058%
55	17.186	2409	2414	2419	rBV	141983	187209	3.27%	0.428%
56	17.263	2424	2427	2428	rBV3	6701	6295	0.11%	0.014%
57	17.404	2449	2451	2456	rVB6	7965	8998	0.16%	0.021%
58	17.463	2457	2461	2463	rVV4	23646	29415	0.51%	0.067%
59	17.492	2463	2466	2470	rVB6	19521	25422	0.44%	0.058%
60	17.610	2479	2486	2491	rVB	287491	454616	7.93%	1.040%
61	17.680	2497	2498	2501	rBV3	9188	9532	0.17%	0.022%
62	17.722	2501	2505	2512	rVB4	78014	124362	2.17%	0.285%
63	17.769	2512	2513	2516	rBV3	7599	6640	0.12%	0.015%
64	17.804	2516	2519	2523	rBV5	23074	31052	0.54%	0.071%
65	17.857	2523	2528	2532	rVV	117246	160492	2.80%	0.367%
66	17.910	2533	2537	2545	rVB4	76222	117305	2.05%	0.268%
67	18.022	2550	2556	2559	rBV7	29406	41546	0.72%	0.095%
68	18.080	2560	2566	2571	rVV	611600	804024	14.03%	1.840%
69	18.139	2572	2576	2580	rVV	275306	360818	6.30%	0.826%
70	18.180	2580	2583	2589	rVB	128772	176409	3.08%	0.404%
71	18.363	2609	2614	2620	rBV	382996	535256	9.34%	1.225%

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72	18.410	2620	2622	2628	rVV3	99259	123563	2.16%	0.283%
73	18.463	2628	2631	2634	rVV4	35110	37316	0.65%	0.085%
74	18.504	2634	2638	2641	rVV2	100603	139045	2.43%	0.318%
75	18.539	2641	2644	2649	rVB	222479	297527	5.19%	0.681%
76	18.645	2658	2662	2667	rVB6	46106	63797	1.11%	0.146%
77	18.851	2693	2697	2701	rBV2	117151	166646	2.91%	0.381%
78	18.904	2702	2706	2708	rVV	236071	323014	5.64%	0.739%
79	18.933	2708	2711	2718	rVV2	681756	904730	15.79%	2.070%
80	19.022	2722	2726	2729	rVV4	103034	136045	2.37%	0.311%
81	19.057	2729	2732	2739	rVB2	41274	60643	1.06%	0.139%
82	19.145	2743	2747	2754	rVV4	163963	261771	4.57%	0.599%
83	19.222	2754	2760	2766	rVV	888401	1269998	22.16%	2.906%
84	19.286	2766	2771	2775	rVB	343780	440876	7.69%	1.009%
85	19.410	2790	2792	2796	rVB5	49560	55652	0.97%	0.127%
86	19.480	2800	2804	2808	rVV2	249497	305885	5.34%	0.700%
87	19.557	2813	2817	2822	rVB	402497	507415	8.85%	1.161%
88	19.610	2822	2826	2829	rBV4	151894	186457	3.25%	0.427%
89	19.669	2829	2836	2841	rBV	913571	1214856	21.20%	2.780%
90	19.810	2854	2860	2863	rBV7	103781	227256	3.97%	0.520%
91	19.933	2876	2881	2885	rBV2	410395	533288	9.30%	1.220%
92	19.980	2885	2889	2894	rVB	868292	961966	16.78%	2.201%
93	20.216	2924	2929	2933	rBV	483189	629807	10.99%	1.441%
94	20.263	2933	2937	2939	rVV3	248091	318335	5.55%	0.728%
95	20.286	2939	2941	2946	rVB	350736	402350	7.02%	0.921%
96	20.363	2952	2954	2960	rVB5	103017	125767	2.19%	0.288%
97	20.527	2975	2982	2990	rBV2	603945	993476	17.33%	2.273%
98	20.833	3031	3034	3038	rBV3	217069	244564	4.27%	0.560%
99	21.192	3090	3095	3100	rBV	3810224	4913550	85.73%	11.243%
100	23.374	3460	3466	3473	rVB2	2560283	4725492	82.45%	10.812%

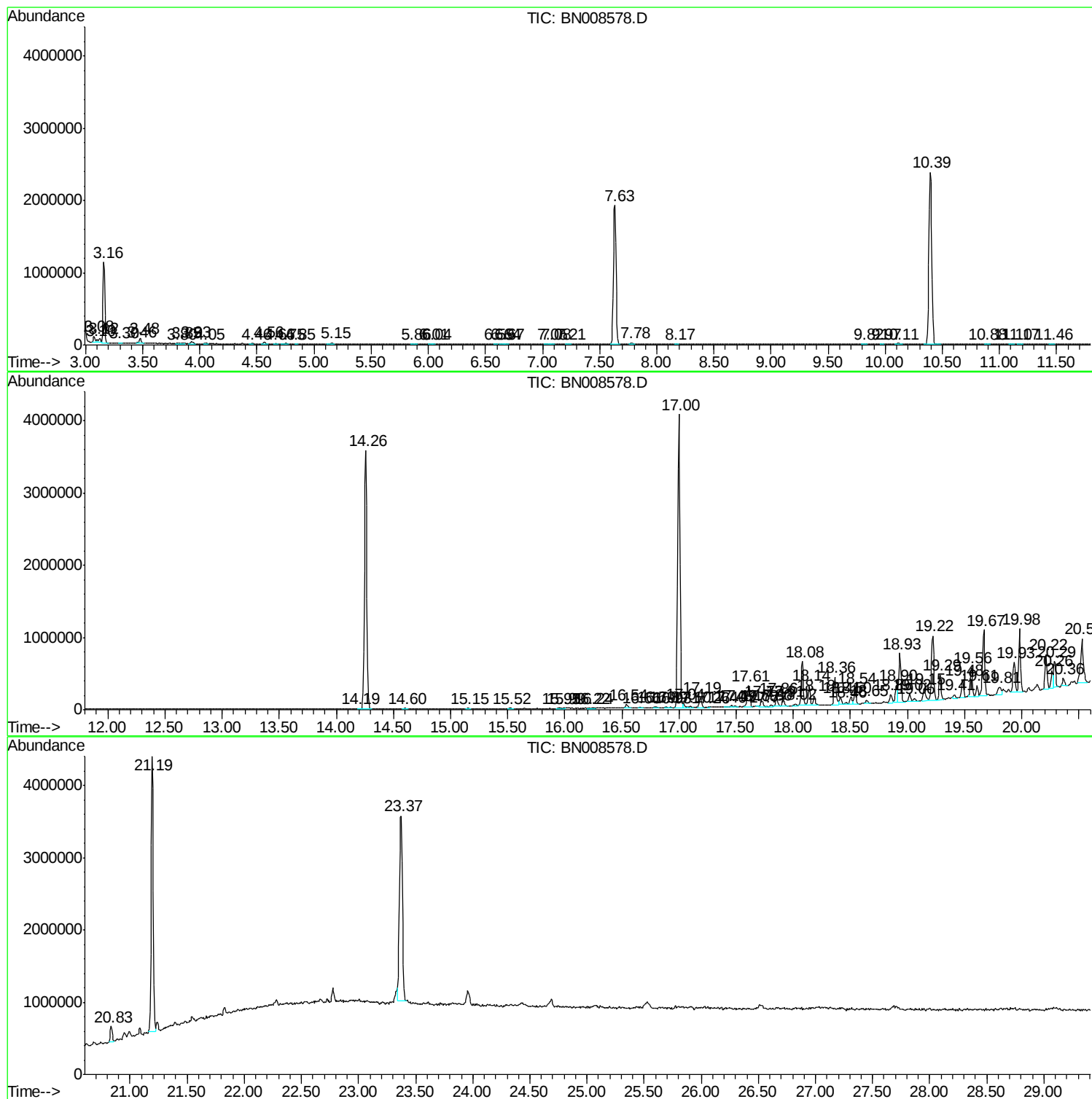
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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



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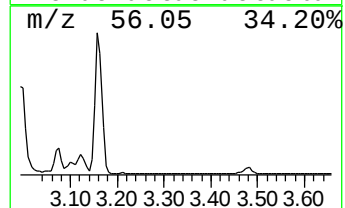
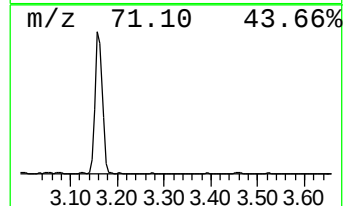
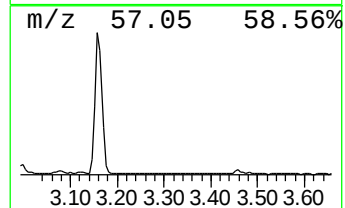
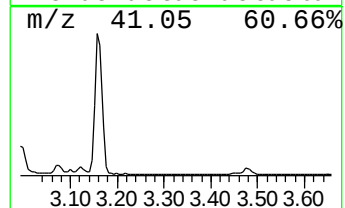
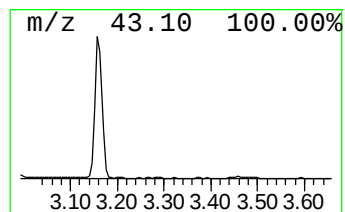
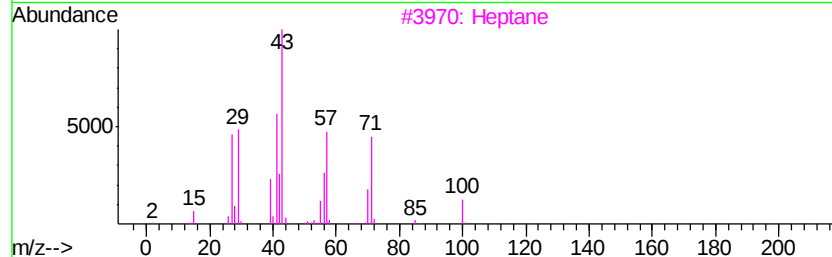
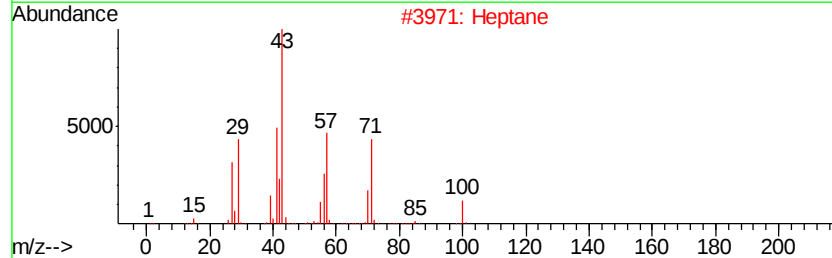
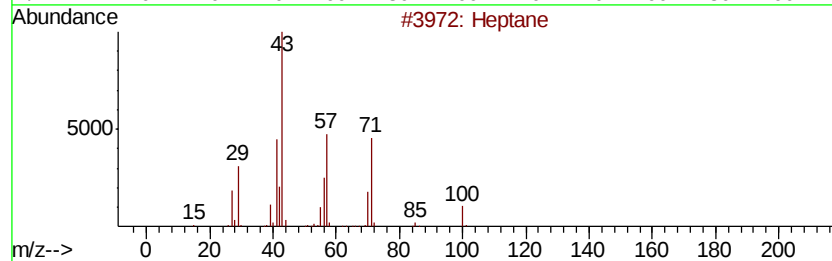
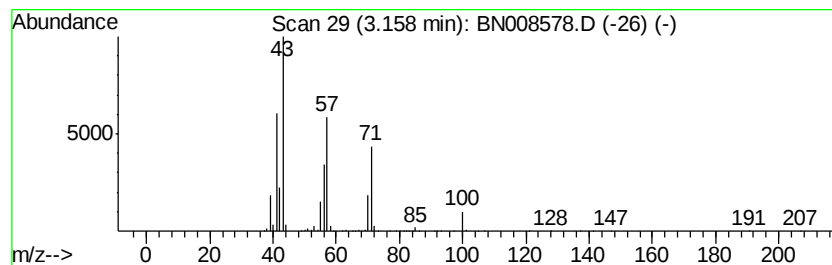
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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.
3.16	7.66 ng/ul	1155260	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	90
3		Heptane	100	C7H16	000142-82-5	90
4		Heptane	100	C7H16	000142-82-5	72
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



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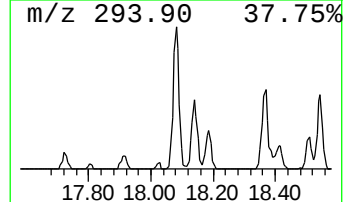
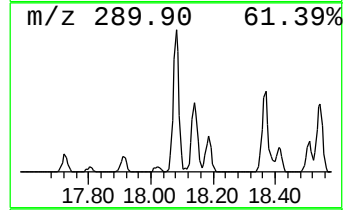
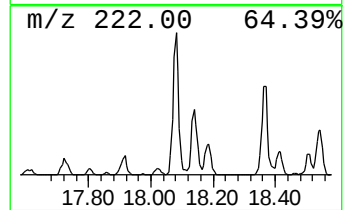
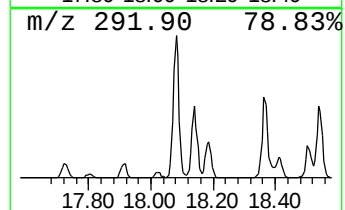
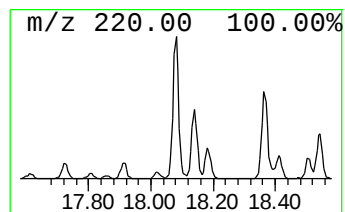
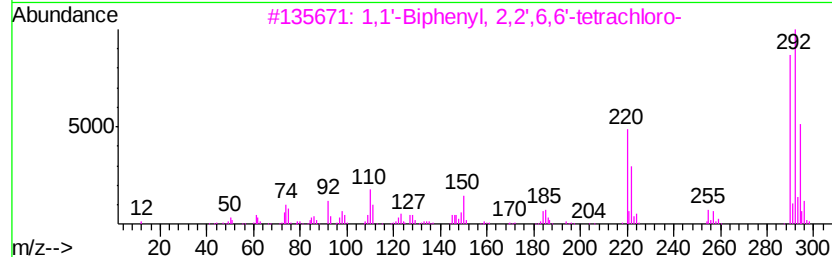
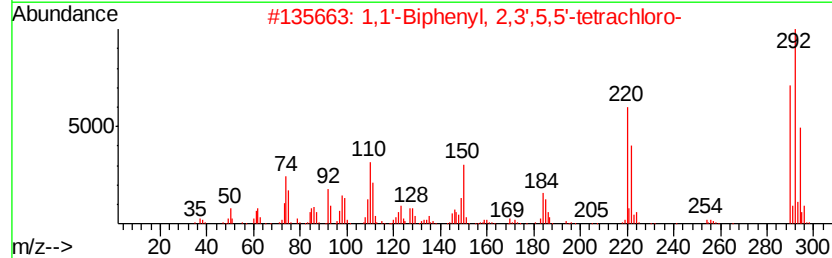
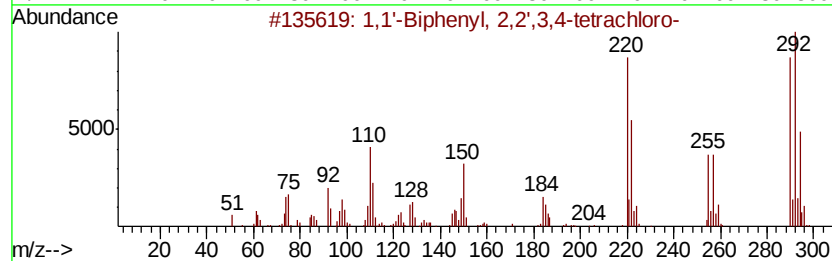
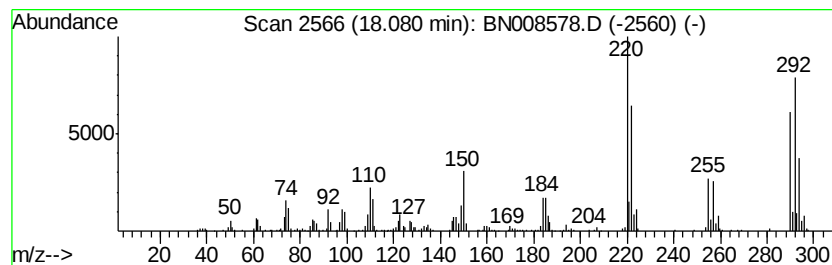
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.81 ng/ul	804024	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4		2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99



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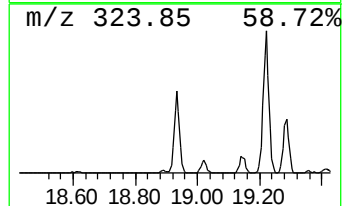
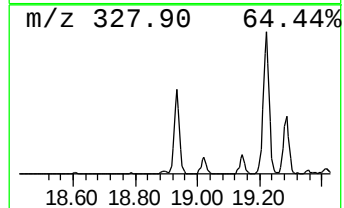
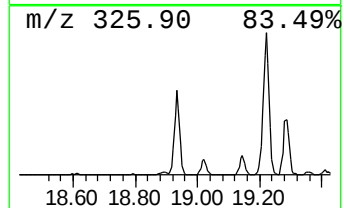
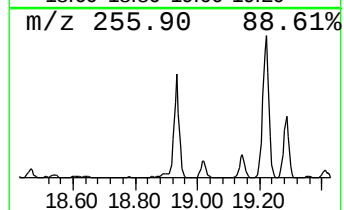
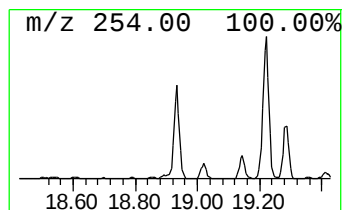
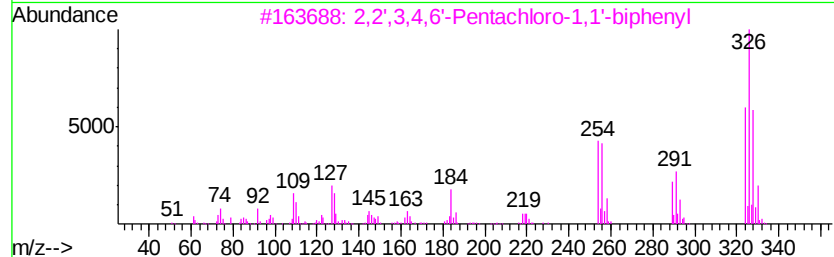
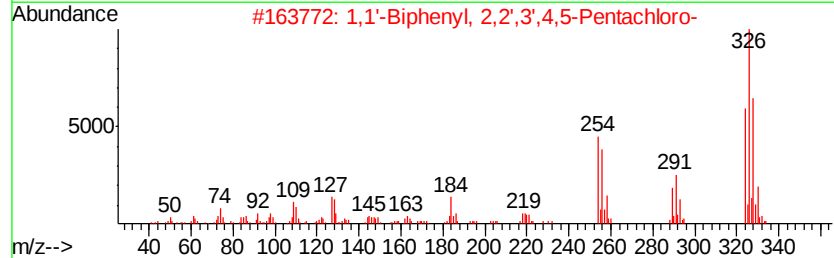
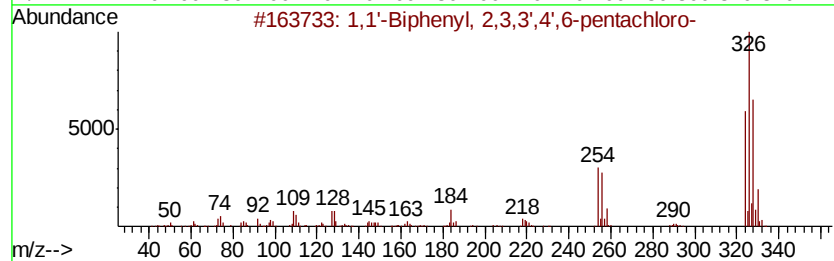
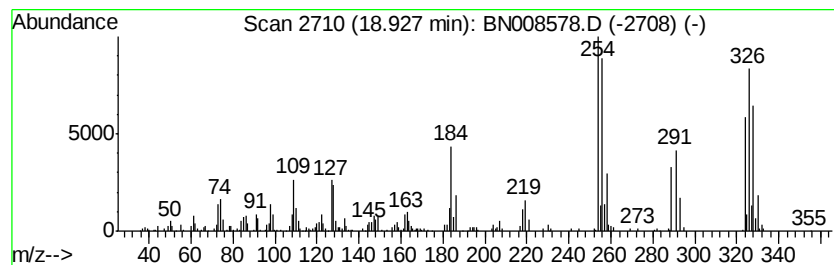
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	3.16 ng/ul	904730	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2			1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
3			2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
4			3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5			2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008578.D
Acq On : 15 Nov 2019 04:44
Operator : JU
Sample : K5819-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B01

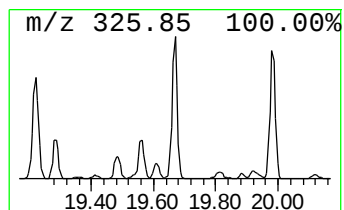
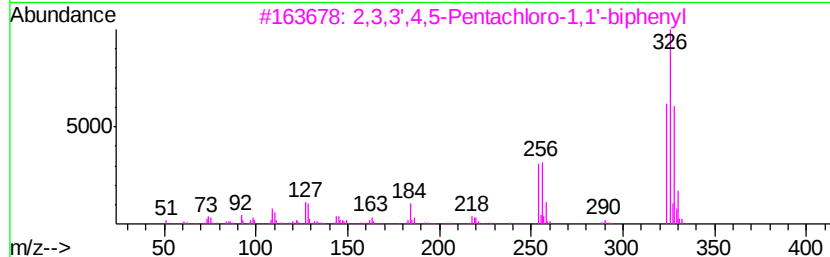
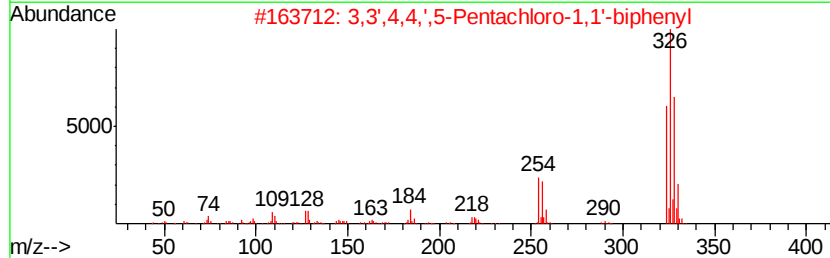
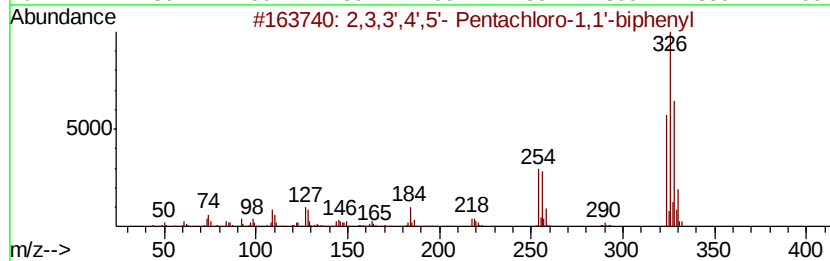
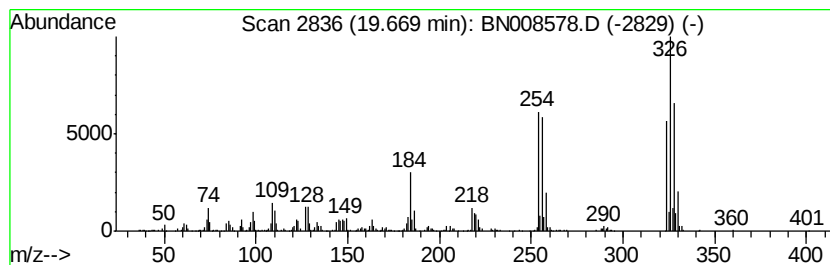
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	4.94 ng/ul	1214860	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
2		3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
3		2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
4		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008578.D
Acq On : 15 Nov 2019 04:44
Operator : JU
Sample : K5819-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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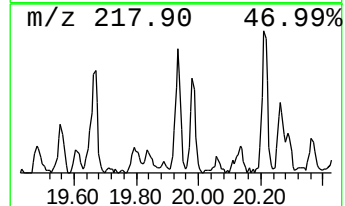
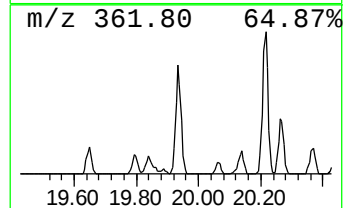
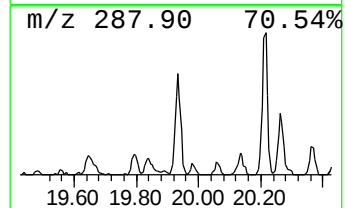
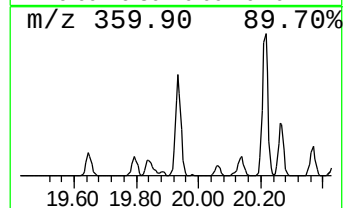
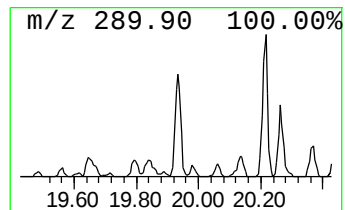
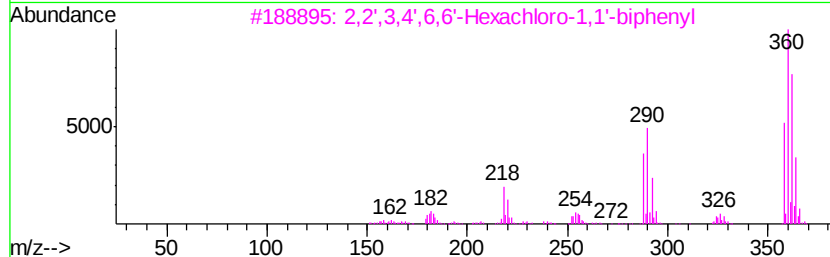
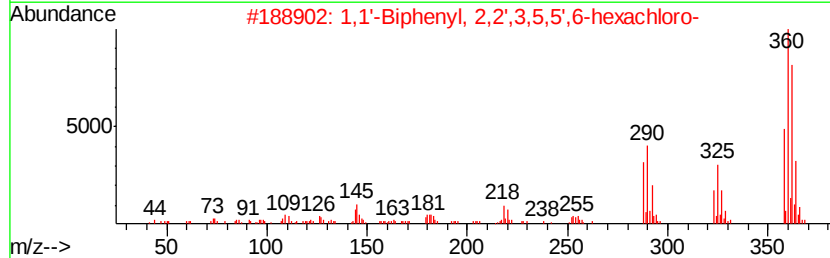
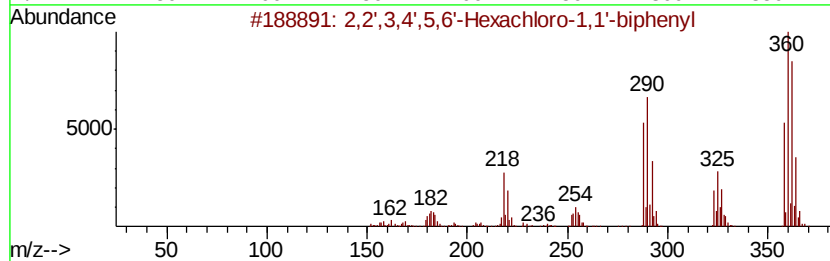
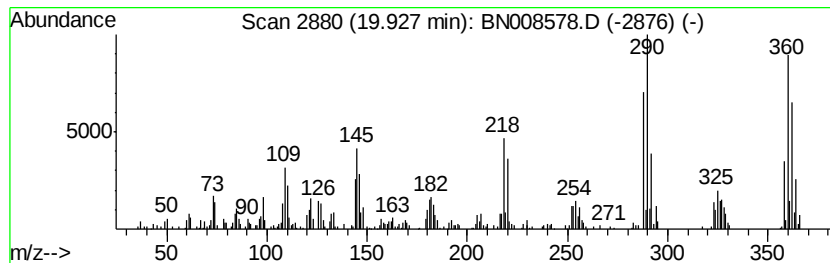
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.17 ng/ul	533288	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
2		1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
3		2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
4		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008578.D
Acq On : 15 Nov 2019 04:44
Operator : JU
Sample : K5819-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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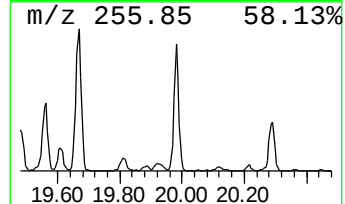
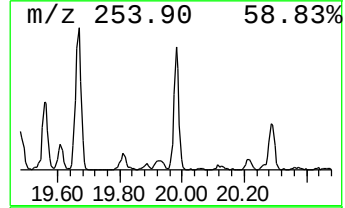
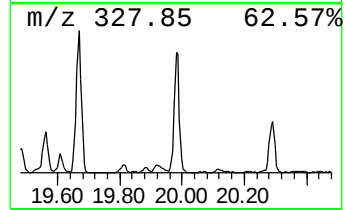
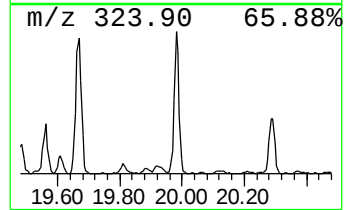
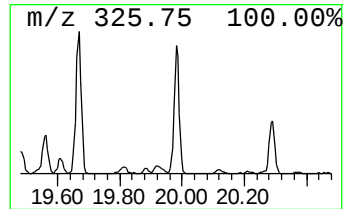
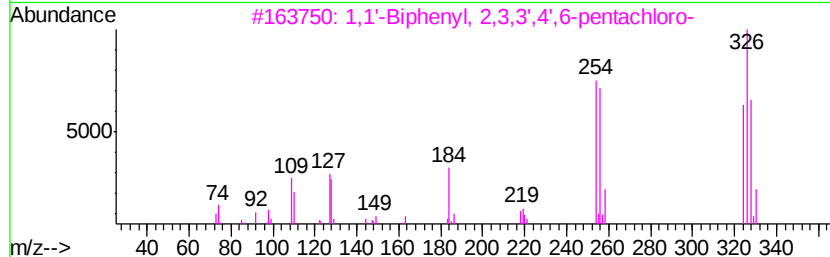
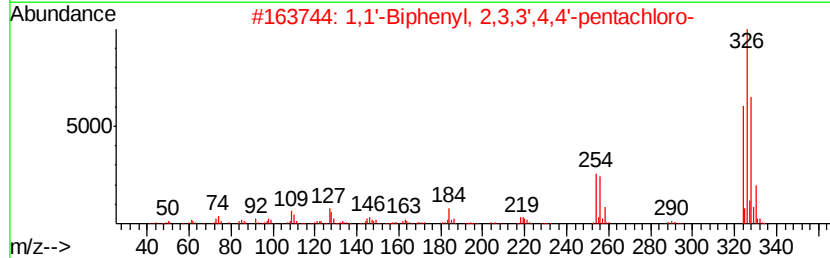
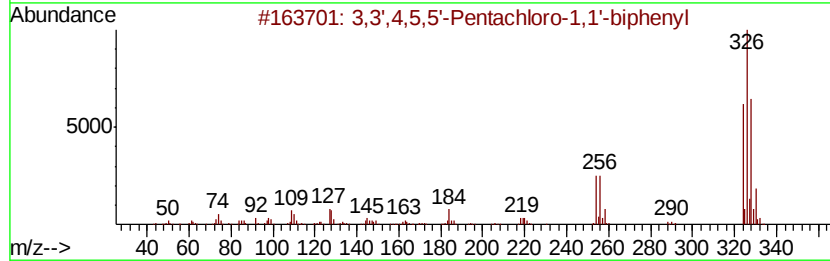
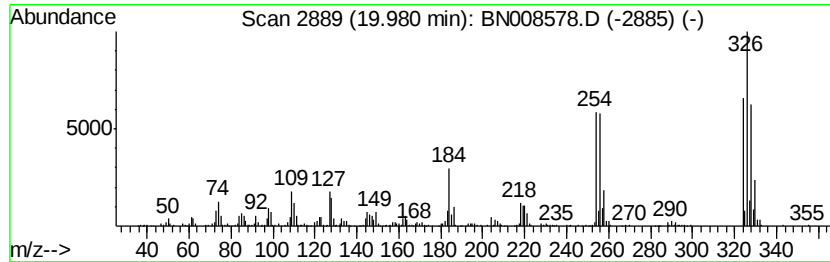
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	3.92 ng/ul	961966	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
2		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4		3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008578.D
Acq On : 15 Nov 2019 04:44
Operator : JU
Sample : K5819-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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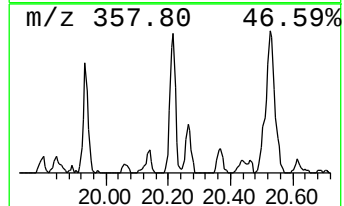
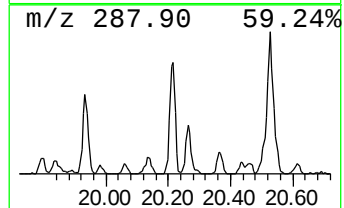
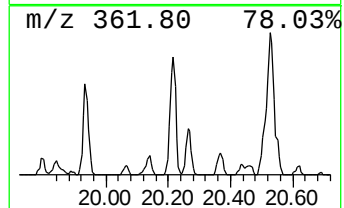
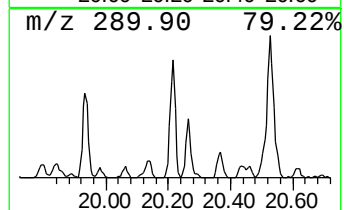
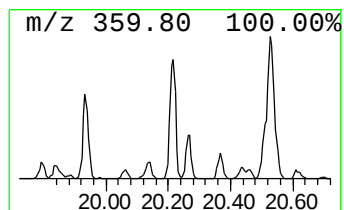
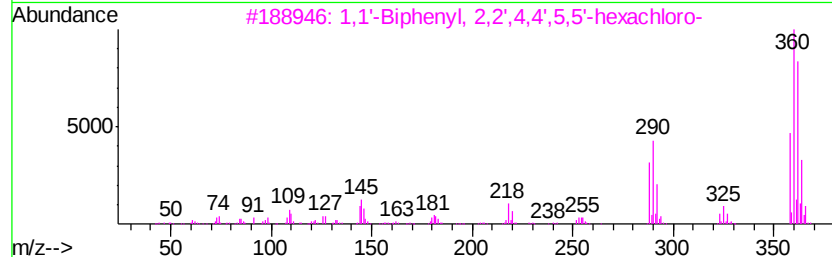
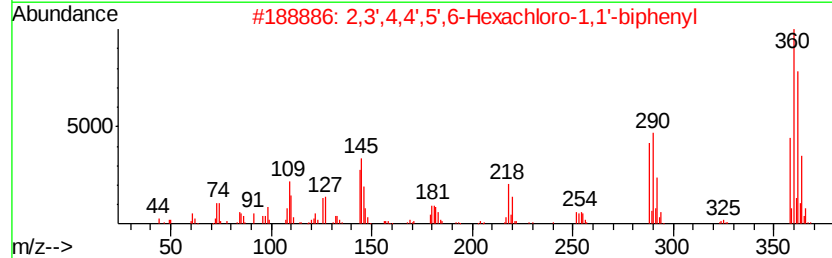
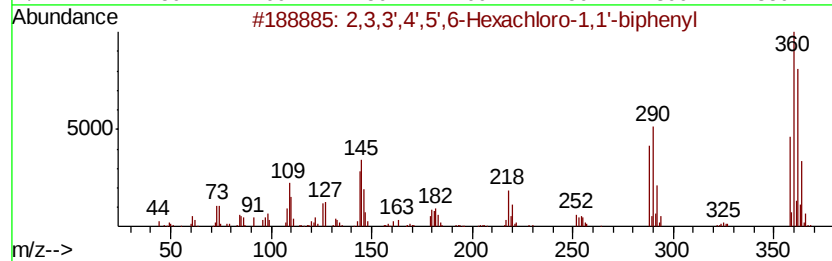
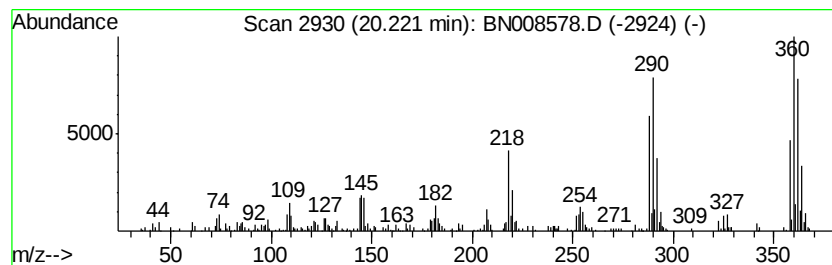
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 2,3,3',4',5',6-Hexachloro-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.56 ng/ul	629807	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
2		2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
3		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5		2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008578.D
Acq On : 15 Nov 2019 04:44
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Sample : K5819-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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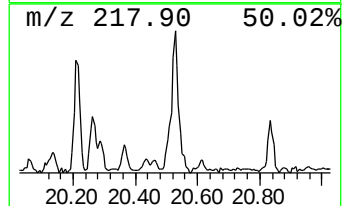
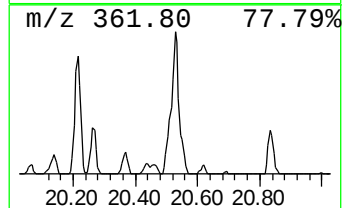
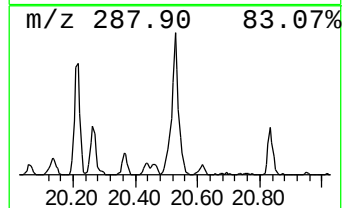
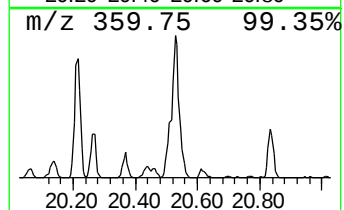
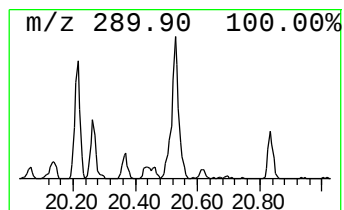
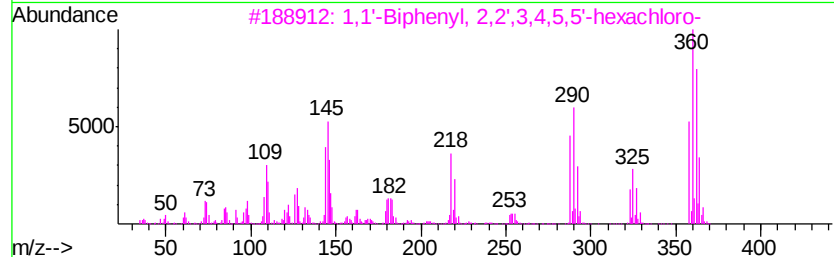
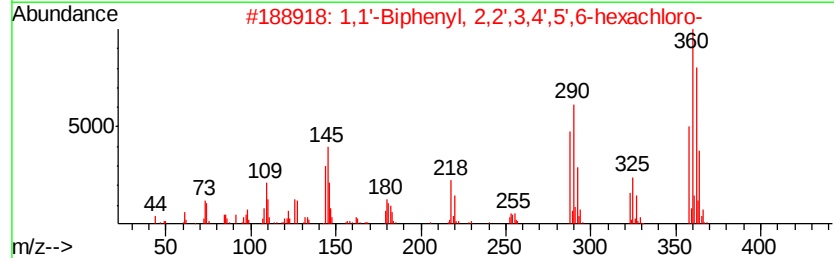
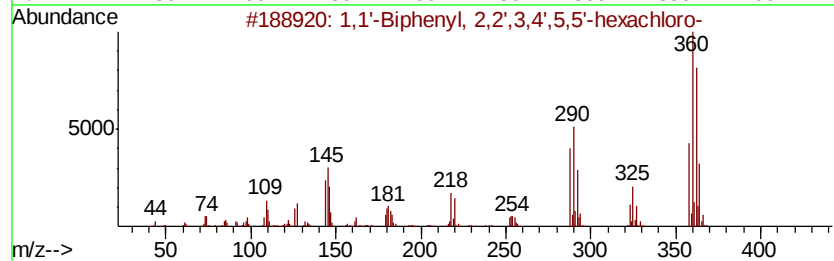
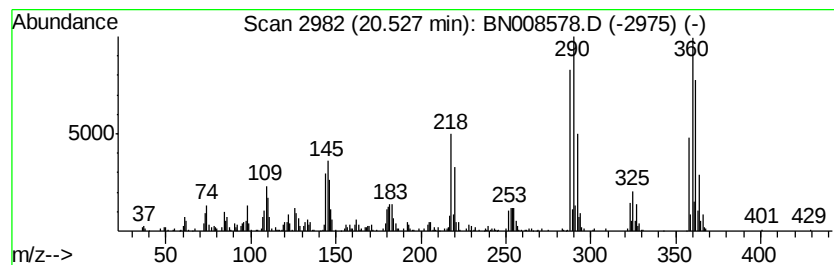
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	4.04 ng/ul	993476	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4		2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
5		2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
Data File : BN008578.D
Acq On : 15 Nov 2019 04:44
Operator : JU
Sample : K5819-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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...	3.16	7.7	ng/ul	1155260	1	7.63	3017760	20.0
1,1'-Biphenyl, 2,...	18.08	2.8	ng/ul	804024	4	17.00	5731410	20.0
1,1'-Biphenyl, 2,...	18.93	3.2	ng/ul	904730	4	17.00	5731410	20.0
2,3,3',4',5'- Pen...	19.67	4.9	ng/ul	1214860	5	21.19	4913550	20.0
2,2',3,4',5,6'-He...	19.93	2.2	ng/ul	533288	5	21.19	4913550	20.0
3,3',4,5,5'-Penta...	19.98	3.9	ng/ul	961966	5	21.19	4913550	20.0
2,3,3',4',5',6-He...	20.22	2.6	ng/ul	629807	5	21.19	4913550	20.0
1,1'-Biphenyl, 2,...	20.53	4.0	ng/ul	993476	5	21.19	4913550	20.0