

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
 Data File : BN009466.D
 Acq On : 29 Jan 2020 00:47
 Operator : CG/JU
 Sample : L1252-07
 Misc : GCMS CONFIRMATION
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B67

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-BN012220MA.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	3.016	3	5	9	rVB	346899	294849	11.24%	1.623%
2	3.305	51	54	56	rBV2	20037	23383	0.89%	0.129%
3	3.328	56	58	63	rVV	33246	31985	1.22%	0.176%
4	3.369	63	65	70	rVB3	2863	3935	0.15%	0.022%
5	3.416	70	73	78	rBV6	2883	5265	0.20%	0.029%
6	3.640	107	111	114	rVB4	5820	6824	0.26%	0.038%
7	3.687	114	119	126	rVV2	33324	43390	1.65%	0.239%
8	3.775	130	134	140	rVB2	33433	44017	1.68%	0.242%
9	3.881	147	152	155	rBV2	4593	6705	0.26%	0.037%
10	3.946	160	163	167	rBV2	3086	4564	0.17%	0.025%
11	4.105	185	190	195	rVB4	4600	8373	0.32%	0.046%
12	4.205	201	207	210	rBV	11610	15490	0.59%	0.085%
13	4.293	215	222	228	rVV7	4662	9495	0.36%	0.052%
14	4.493	252	256	262	rBV5	5104	7214	0.27%	0.040%
15	4.581	265	271	277	rVB2	9682	15268	0.58%	0.084%
16	4.640	277	281	282	rBV5	3189	3177	0.12%	0.017%
17	4.887	318	323	324	rBV4	2674	3243	0.12%	0.018%
18	5.528	430	432	436	rVB3	2422	3083	0.12%	0.017%
19	5.757	467	471	473	rBV3	3118	4804	0.18%	0.026%
20	6.569	606	609	612	rBV4	2812	3276	0.12%	0.018%
21	6.628	618	619	622	rBV3	2718	3262	0.12%	0.018%
22	6.999	677	682	686	rVV3	2904	6159	0.23%	0.034%
23	7.457	753	760	772	rVV	941906	1490289	56.81%	8.202%
24	7.598	778	784	788	rVB5	3030	6176	0.24%	0.034%
25	7.687	794	799	802	rBV3	2010	2991	0.11%	0.016%
26	10.204	1218	1227	1240	rBV	1202601	2010941	76.65%	11.067%
27	10.345	1247	1251	1256	rVB5	5808	9690	0.37%	0.053%
28	10.469	1267	1272	1277	rBV6	9938	14318	0.55%	0.079%
29	10.563	1285	1288	1292	rVB3	3919	5984	0.23%	0.033%
30	10.628	1295	1299	1301	rVV3	4540	5895	0.22%	0.032%
31	10.681	1303	1308	1314	rVB5	9742	17367	0.66%	0.096%
32	10.740	1316	1318	1322	rBV2	2653	3580	0.14%	0.020%
33	10.892	1340	1344	1351	rVB4	5602	9162	0.35%	0.050%
34	10.975	1351	1358	1360	rBV4	3855	6817	0.26%	0.038%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	11.675	1470	1477	1478	rBV3	2842	3302	0.13%	0.018%
36	12.928	1684	1690	1691	rBV2	2497	3573	0.14%	0.020%
37	12.945	1691	1693	1697	rVB4	3054	3888	0.15%	0.021%
38	14.033	1874	1878	1882	rBV3	7413	10705	0.41%	0.059%
39	14.092	1882	1888	1895	rVV	1743616	2467278	94.04%	13.578%
40	14.151	1895	1898	1904	rVB2	8891	13436	0.51%	0.074%
41	14.992	2037	2041	2045	rBV4	4776	6018	0.23%	0.033%
42	15.333	2096	2099	2103	rBV3	2437	3351	0.13%	0.018%
43	15.851	2182	2187	2191	rBV3	7427	10991	0.42%	0.060%
44	16.427	2283	2285	2289	rVB3	3233	3083	0.12%	0.017%
45	16.510	2295	2299	2304	rBV6	6822	9074	0.35%	0.050%
46	16.639	2315	2321	2325	rBV4	8936	15263	0.58%	0.084%
47	16.698	2328	2331	2335	rVV4	1849	3305	0.13%	0.018%
48	16.739	2335	2338	2341	rVB4	3200	3535	0.13%	0.019%
49	16.845	2350	2356	2361	rBV	1972864	2623512	100.00%	14.438%
50	16.886	2361	2363	2369	rVV	50131	62560	2.38%	0.344%
51	16.945	2369	2373	2379	rVB5	6662	13043	0.50%	0.072%
52	17.039	2385	2389	2391	rBV3	6141	7062	0.27%	0.039%
53	17.145	2404	2407	2410	rVB3	2437	3408	0.13%	0.019%
54	17.310	2432	2435	2437	rBV2	5771	5372	0.20%	0.030%
55	17.380	2445	2447	2450	rBV3	4125	4405	0.17%	0.024%
56	17.463	2454	2461	2467	rVB5	22922	43660	1.66%	0.240%
57	17.533	2471	2473	2475	rBV3	3326	3984	0.15%	0.022%
58	17.710	2498	2503	2509	rBV5	9881	18441	0.70%	0.101%
59	17.774	2510	2514	2516	rBV3	15927	19505	0.74%	0.107%
60	17.880	2529	2532	2533	rBV3	3342	4234	0.16%	0.023%
61	17.921	2535	2539	2546	rVV	179839	249341	9.50%	1.372%
62	17.986	2546	2550	2554	rVB2	46876	59360	2.26%	0.327%
63	18.027	2554	2557	2561	rBV5	11598	16380	0.62%	0.090%
64	18.121	2569	2573	2574	rBV4	2996	3475	0.13%	0.019%
65	18.210	2584	2588	2594	rBV3	76881	93823	3.58%	0.516%
66	18.257	2594	2596	2598	rVB3	7283	6858	0.26%	0.038%
67	18.327	2605	2608	2609	rBV3	3424	3724	0.14%	0.020%
68	18.357	2609	2613	2615	rVV4	8483	11012	0.42%	0.061%
69	18.392	2615	2619	2622	rVB4	31373	36743	1.40%	0.202%
70	18.445	2626	2628	2632	rBV5	5334	5571	0.21%	0.031%
71	18.486	2632	2635	2637	rBV4	7220	7228	0.28%	0.040%

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72	18.651	2661	2663	2665	rBV3	4775	4308	0.16%	0.024%
73	18.704	2668	2672	2676	rBV4	34564	43841	1.67%	0.241%
74	18.780	2676	2685	2692	rVB3	249010	465642	17.75%	2.563%
75	18.869	2696	2700	2703	rBV3	33501	38359	1.46%	0.211%
76	18.910	2703	2707	2714	rVB	71059	100686	3.84%	0.554%
77	18.992	2717	2721	2729	rBV7	57612	93842	3.58%	0.516%
78	19.068	2729	2734	2739	rBV	343051	482289	18.38%	2.654%
79	19.133	2741	2745	2750	rVV2	138197	152417	5.81%	0.839%
80	19.204	2755	2757	2759	rBV3	7697	9186	0.35%	0.051%
81	19.268	2764	2768	2773	rVV	36714	68946	2.63%	0.379%
82	19.333	2775	2779	2784	rVB3	94623	112644	4.29%	0.620%
83	19.410	2788	2792	2797	rVB2	180788	215467	8.21%	1.186%
84	19.463	2797	2801	2804	rBV3	57313	74132	2.83%	0.408%
85	19.516	2804	2810	2816	rVB	333788	457678	17.45%	2.519%
86	19.651	2829	2833	2834	rBV4	29516	41605	1.59%	0.229%
87	19.686	2837	2839	2841	rVV3	11480	10928	0.42%	0.060%
88	19.786	2851	2856	2860	rVB2	153107	201068	7.66%	1.107%
89	19.833	2860	2864	2870	rBV	278927	346229	13.20%	1.905%
90	19.916	2875	2878	2881	rBV4	20073	22050	0.84%	0.121%
91	19.968	2884	2887	2888	rBV3	26166	26902	1.03%	0.148%
92	20.063	2899	2903	2908	rBV	165141	198172	7.55%	1.091%
93	20.115	2908	2912	2914	rBV4	91835	104121	3.97%	0.573%
94	20.139	2914	2916	2921	rVB2	108918	125646	4.79%	0.691%
95	20.215	2927	2929	2935	rVB5	35152	43807	1.67%	0.241%
96	20.357	2950	2953	2955	rBV2	93285	121349	4.63%	0.668%
97	20.380	2955	2957	2965	rVB3	202679	263321	10.04%	1.449%
98	20.686	3006	3009	3014	rBV6	75062	87348	3.33%	0.481%
99	21.051	3066	3071	3075	rBV	1760769	2184468	83.27%	12.022%
100	23.168	3425	3431	3440	rVB2	1174628	2083955	79.43%	11.469%

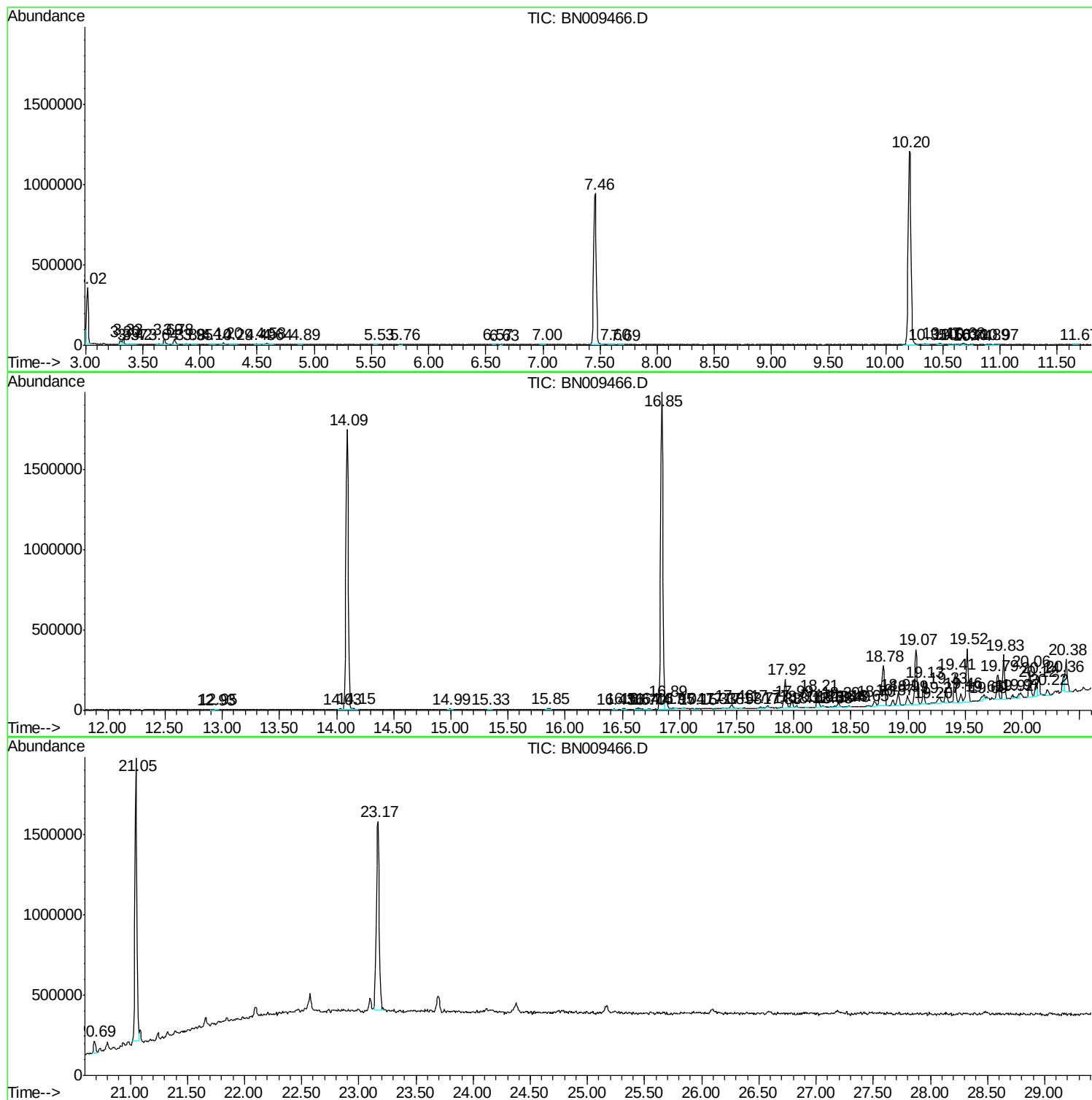
Sum of corrected areas: 18170880

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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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



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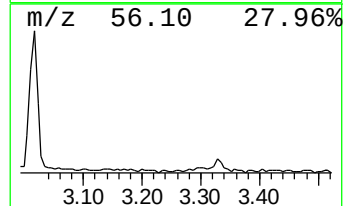
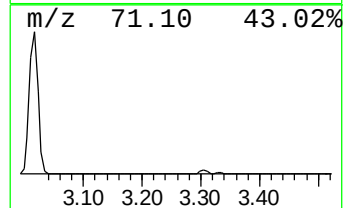
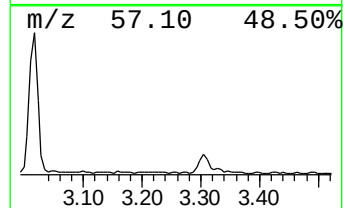
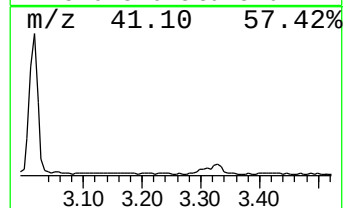
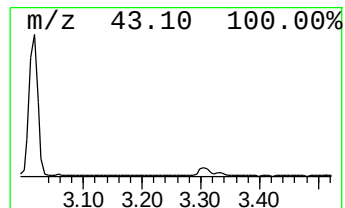
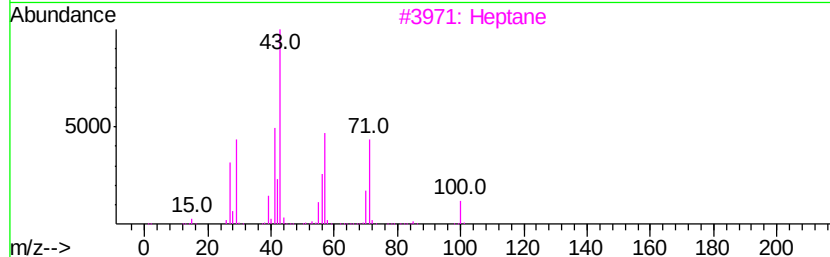
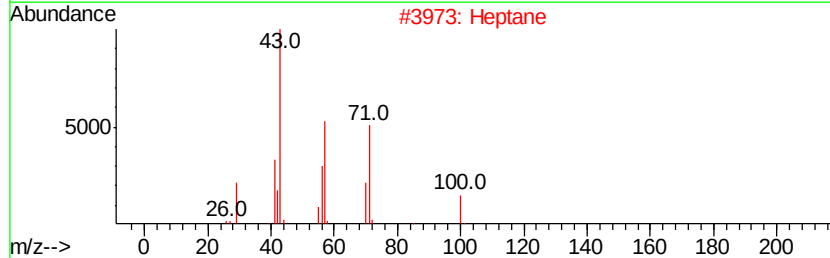
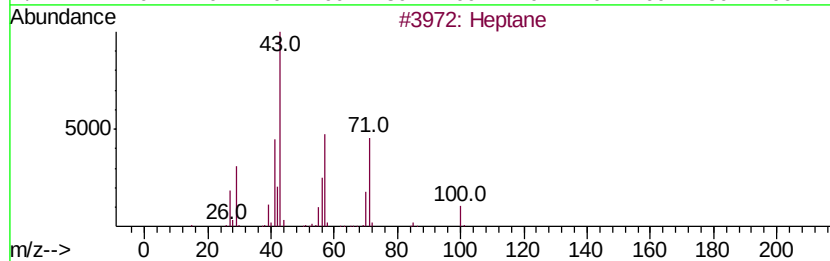
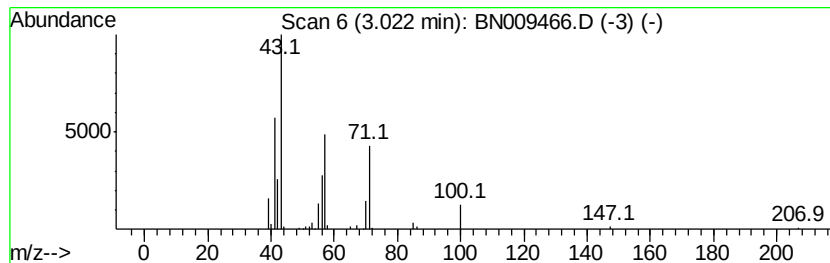
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	3.96 ng/ul	294849	1,4-Dichlorobenzene-d4	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	64
2		Heptane	100	C7H16	000142-82-5	64
3		Heptane	100	C7H16	000142-82-5	64
4		Heptane	100	C7H16	000142-82-5	56
5		Octane	114	C8H18	000111-65-9	53



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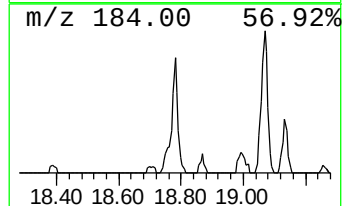
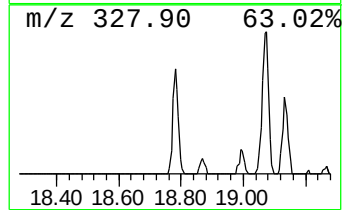
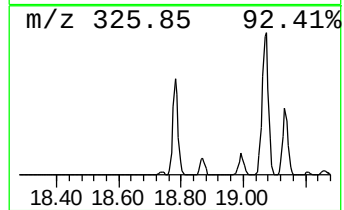
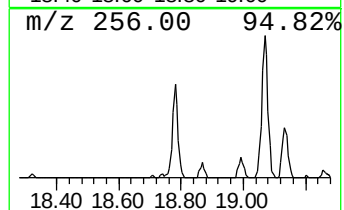
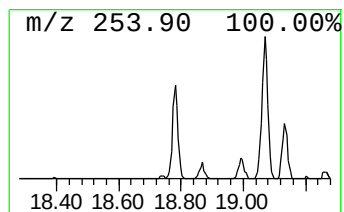
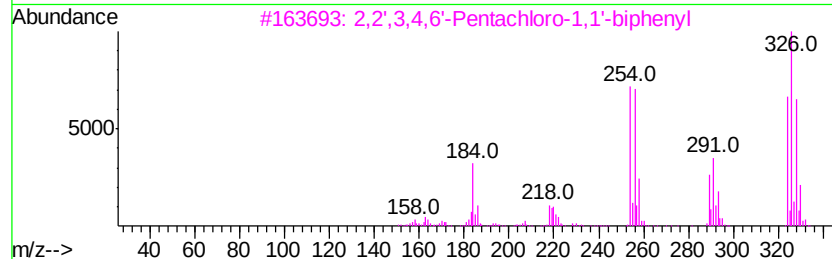
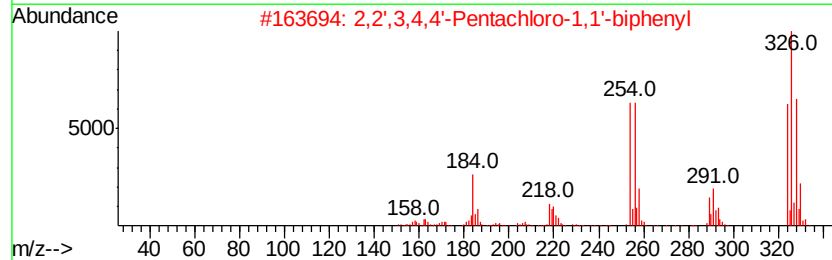
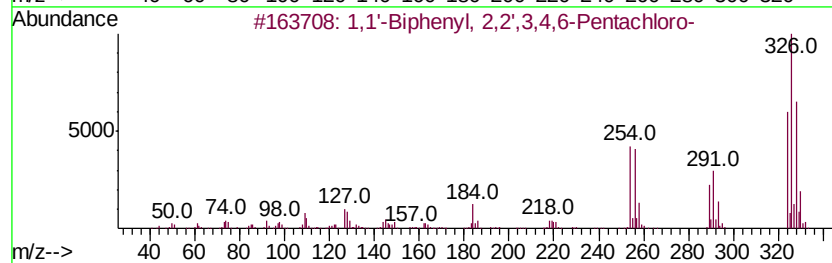
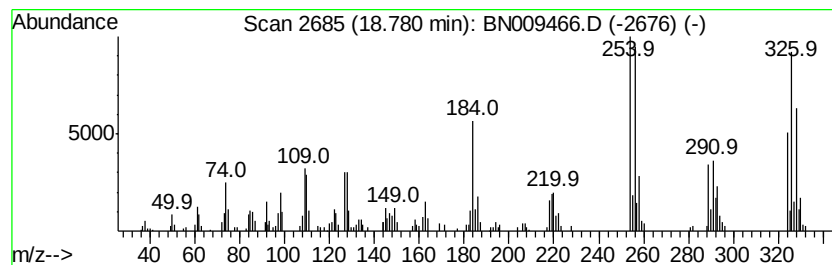
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.78	3.55 ng/ul	465642	Phenanthrene-d10	16.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99	
2	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99	
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99	
4	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99	
5	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99	



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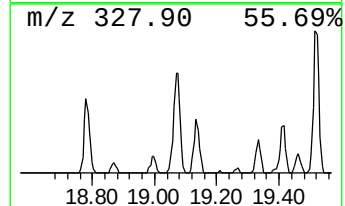
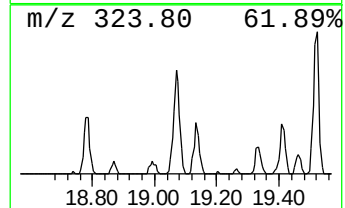
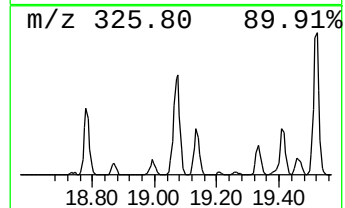
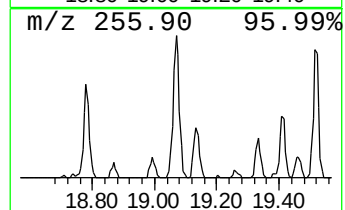
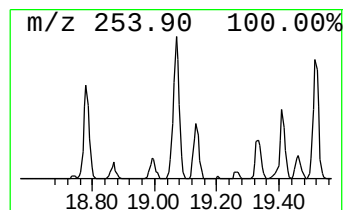
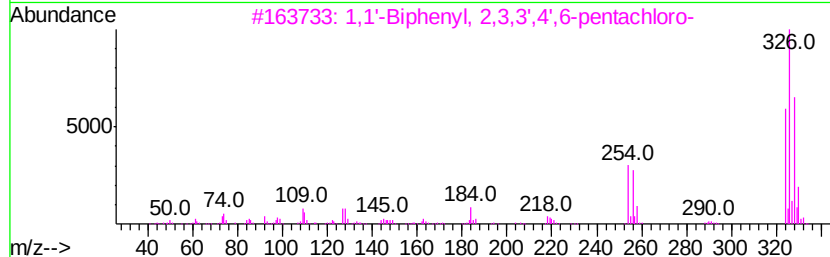
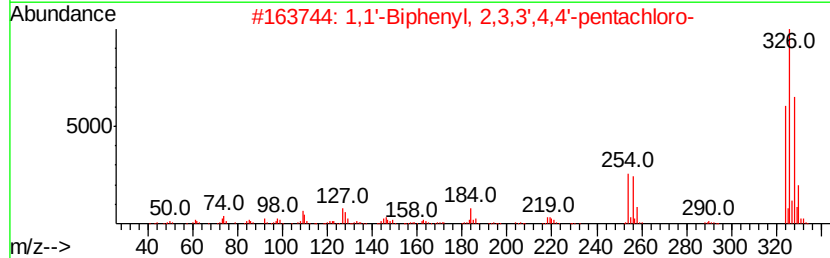
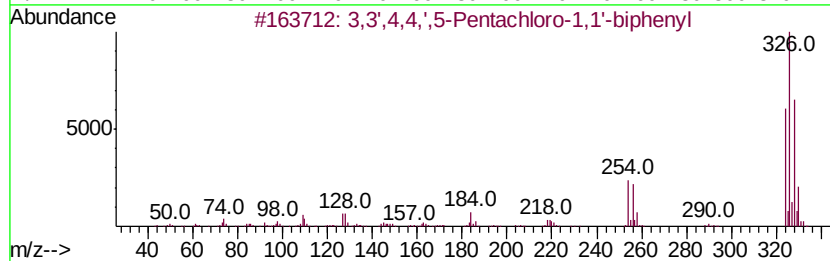
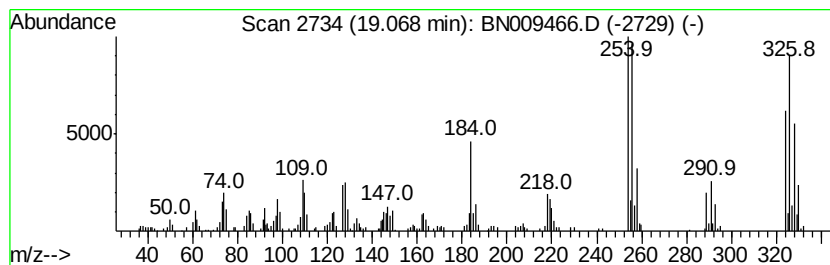
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	4.42 ng/ul	482289	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	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		2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
5		2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
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Operator : CG/JU
Sample : L1252-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

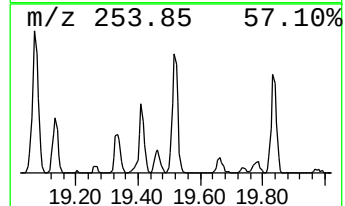
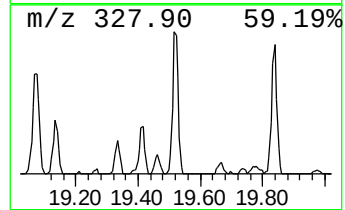
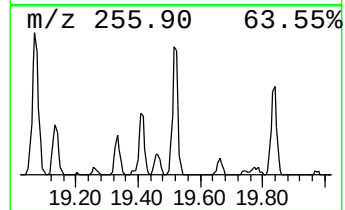
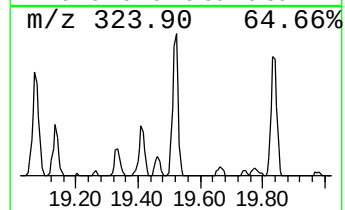
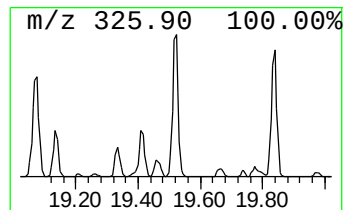
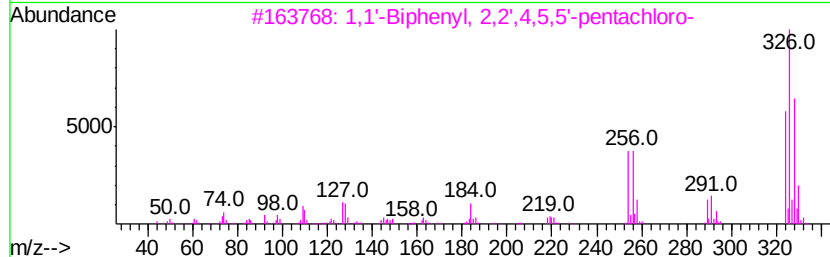
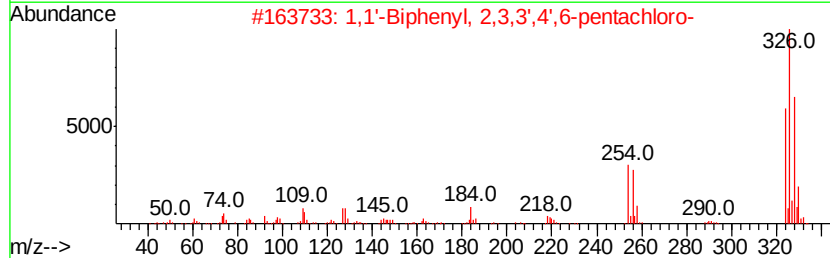
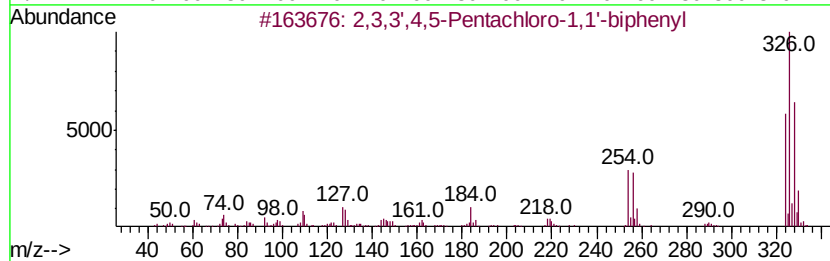
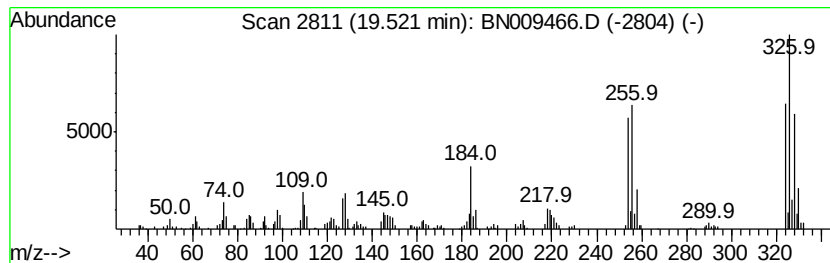
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.52	4.19 ng/ul	457678	Chrysene-d12	21.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99	
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99	
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99	
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	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\BN012820\
Data File : BN009466.D
Acq On : 29 Jan 2020 00:47
Operator : CG/JU
Sample : L1252-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B67

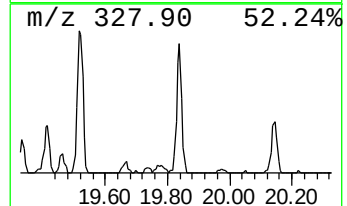
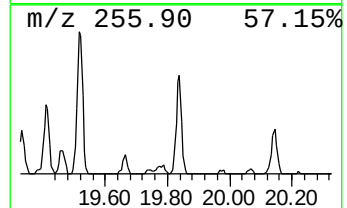
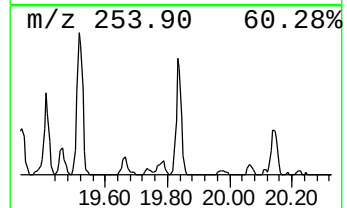
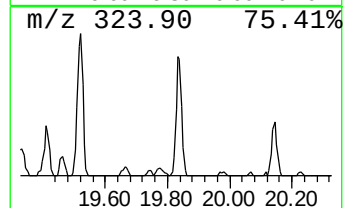
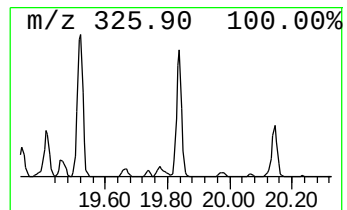
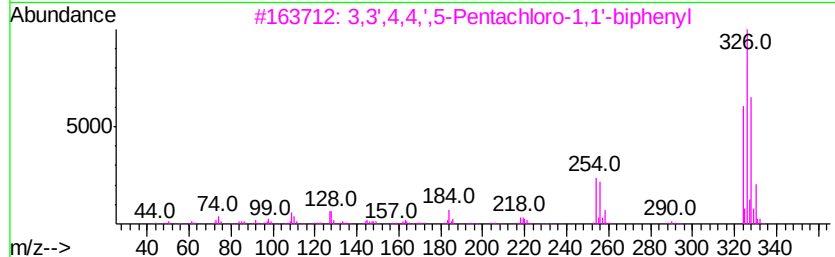
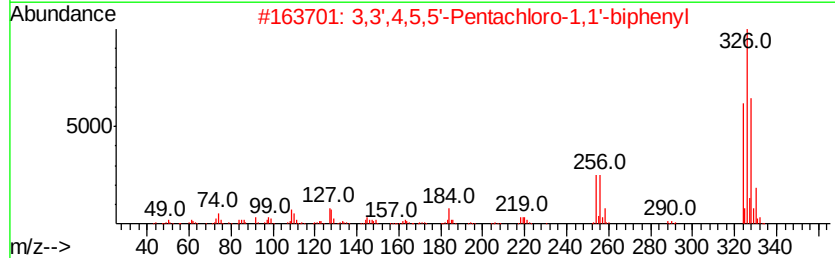
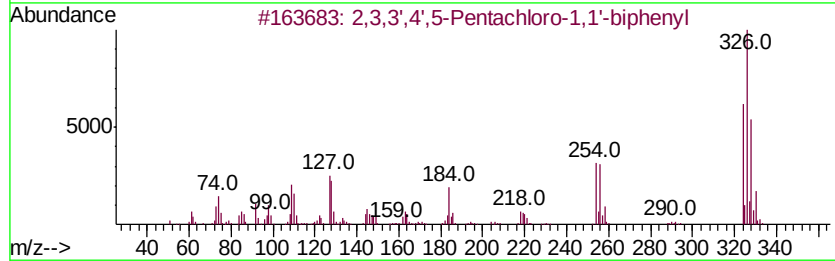
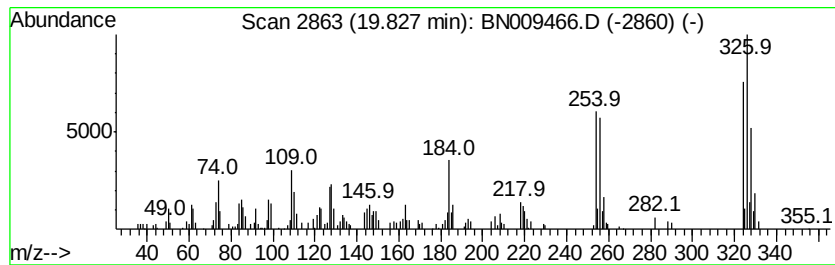
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	3.17 ng/ul	346229	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	070424-68-9	99
2		3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
3		3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	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\BN012820\
Data File : BN009466.D
Acq On : 29 Jan 2020 00:47
Operator : CG/JU
Sample : L1252-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

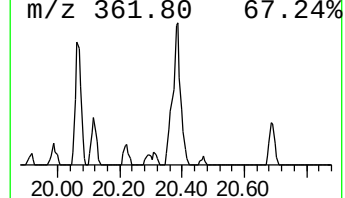
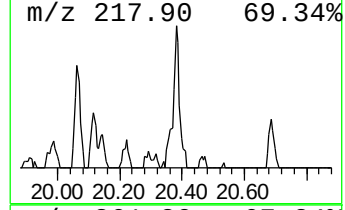
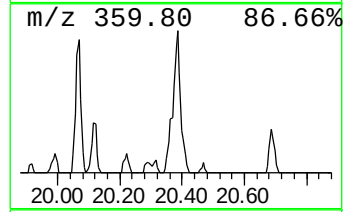
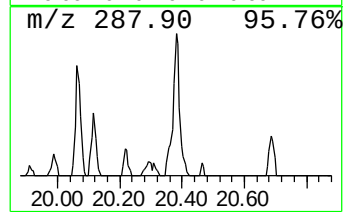
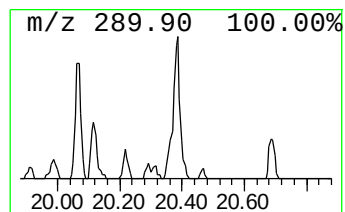
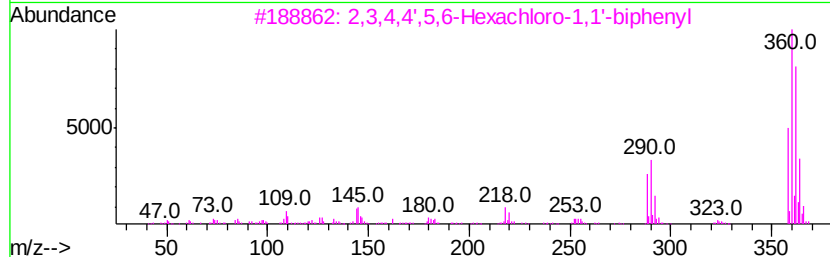
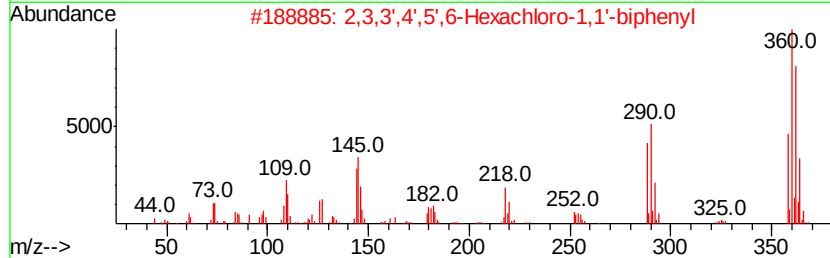
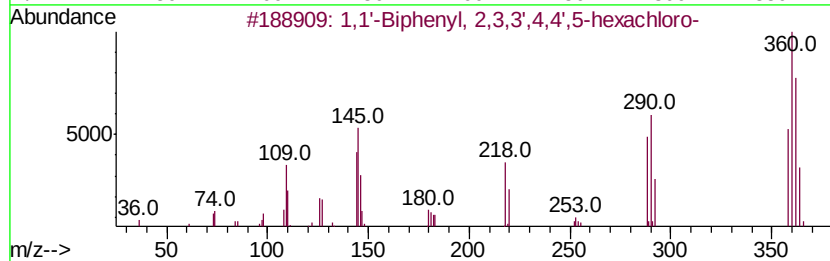
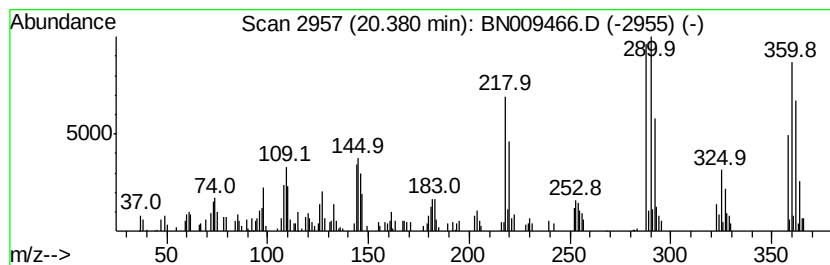
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.38	2.41 ng/ul	263321	Chrysene-d12	21.05		
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	97	
2	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	95	
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	95	
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	95	
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	94	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012820\
Data File : BN009466.D
Acq On : 29 Jan 2020 00:47
Operator : CG/JU
Sample : L1252-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B67

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.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...	3.02	4.0	ng/ul	294849	1	7.46	1490290	20.0
1,1'-Biphenyl, 2,...	18.78	3.5	ng/ul	465642	4	16.85	2623510	20.0
3,3',4,4',5-Pent...	19.07	4.4	ng/ul	482289	5	21.05	2184470	20.0
2,3,3',4,5-Pentac...	19.52	4.2	ng/ul	457678	5	21.05	2184470	20.0
2,3,3',4',5-Penta...	19.83	3.2	ng/ul	346229	5	21.05	2184470	20.0
1,1'-Biphenyl, 2,...	20.38	2.4	ng/ul	263321	5	21.05	2184470	20.0