

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061220\
 Data File : BM026381.D
 Acq On : 12 Jun 2020 17:31
 Operator : JU/CG
 Sample : AR-1248-50PPM
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 AR-1248-50PPM

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-BM061220MA.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	2.910	3	4	10	rVB	214493	162652	10.41%	1.537%
2	3.228	55	58	62	rVB2	8150	10257	0.66%	0.097%
3	3.463	96	98	103	rVB6	2588	2354	0.15%	0.022%
4	3.687	132	136	139	rVB2	8769	11423	0.73%	0.108%
5	4.257	231	233	234	rBV2	1676	1574	0.10%	0.015%
6	4.434	262	263	265	rBV2	2110	1590	0.10%	0.015%
7	4.651	298	300	304	rBV5	1327	1581	0.10%	0.015%
8	4.875	336	338	340	rBV3	2378	2110	0.14%	0.020%
9	4.969	352	354	358	rVB3	2148	2095	0.13%	0.020%
10	5.016	358	362	365	rBV6	1700	2381	0.15%	0.022%
11	5.310	409	412	413	rBV2	1362	1639	0.10%	0.015%
12	5.398	423	427	430	rBV5	1389	1634	0.10%	0.015%
13	5.704	476	479	482	rBV4	1717	2945	0.19%	0.028%
14	5.928	514	517	520	rVB4	1456	1930	0.12%	0.018%
15	5.963	520	523	524	rBV3	1808	1963	0.13%	0.019%
16	6.245	568	571	574	rVB4	2430	2098	0.13%	0.020%
17	6.281	574	577	580	rBV4	1564	1578	0.10%	0.015%
18	6.334	583	586	589	rBV4	1005	1640	0.10%	0.015%
19	6.428	601	602	606	rVB3	1774	1789	0.11%	0.017%
20	6.475	606	610	611	rBV3	2376	2304	0.15%	0.022%
21	6.604	625	632	635	rVB6	2346	4053	0.26%	0.038%
22	6.887	678	680	682	rVB3	2033	1702	0.11%	0.016%
23	6.934	685	688	690	rVB3	1581	1635	0.10%	0.015%
24	7.404	762	768	781	rVV	548725	864996	55.37%	8.173%
25	8.016	870	872	876	rVB4	1611	1717	0.11%	0.016%
26	8.351	926	929	933	rBV5	1142	1682	0.11%	0.016%
27	8.751	994	997	998	rBV2	1710	1635	0.10%	0.015%
28	8.939	1023	1029	1030	rBV3	1084	1563	0.10%	0.015%
29	9.610	1139	1143	1145	rBV4	1108	1567	0.10%	0.015%
30	9.639	1145	1148	1152	rVB4	1587	1977	0.13%	0.019%
31	9.739	1164	1165	1169	rBV3	1249	1576	0.10%	0.015%
32	10.169	1229	1238	1251	rBV	660844	1132512	72.50%	10.700%
33	11.716	1498	1501	1503	rBV3	1248	1808	0.12%	0.017%
34	12.245	1584	1591	1592	rBV4	845	1597	0.10%	0.015%

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35	13.245	1758	1761	1766	rBV5	1431	2749	0.18%	0.026%
36	13.857	1862	1865	1867	rBV3	1336	1635	0.10%	0.015%
37	13.910	1871	1874	1877	rVB4	1352	1639	0.10%	0.015%
38	14.004	1887	1890	1893	rBV4	1410	2218	0.14%	0.021%
39	14.063	1893	1900	1910	rBV2	962874	1356117	86.81%	12.813%
40	14.204	1919	1924	1930	rVB4	5016	7016	0.45%	0.066%
41	15.027	2062	2064	2067	rBV3	1812	1752	0.11%	0.017%
42	15.333	2111	2116	2122	rBV	39778	53175	3.40%	0.502%
43	15.551	2151	2153	2159	rVB4	1237	2120	0.14%	0.020%
44	15.780	2188	2192	2196	rBV2	9087	11330	0.73%	0.107%
45	15.945	2214	2220	2225	rBV3	16686	22478	1.44%	0.212%
46	16.062	2235	2240	2245	rBV	94552	122129	7.82%	1.154%
47	16.357	2287	2290	2296	rVB4	9142	13414	0.86%	0.127%
48	16.451	2302	2306	2308	rBV4	1226	1657	0.11%	0.016%
49	16.604	2330	2332	2338	rVB6	3142	4570	0.29%	0.043%
50	16.704	2345	2349	2353	rBV	115312	159396	10.20%	1.506%
51	16.739	2353	2355	2362	rVB	44997	54669	3.50%	0.517%
52	16.815	2362	2368	2380	rBV	1116439	1562090	100.00%	14.759%
53	16.915	2383	2385	2388	rVB4	4965	4701	0.30%	0.044%
54	16.998	2394	2399	2405	rBV2	58386	90871	5.82%	0.859%
55	17.121	2418	2420	2422	rVB3	2301	2261	0.14%	0.021%
56	17.156	2422	2426	2430	rBV4	1925	3289	0.21%	0.031%
57	17.204	2430	2434	2437	rBV5	2391	4134	0.26%	0.039%
58	17.280	2443	2447	2450	rBV2	15356	20879	1.34%	0.197%
59	17.309	2450	2452	2458	rVB5	6618	8418	0.54%	0.080%
60	17.421	2465	2471	2481	rVB3	126727	253302	16.22%	2.393%
61	17.492	2481	2483	2485	rBV2	1347	1763	0.11%	0.017%
62	17.556	2488	2494	2502	rVV2	77536	116071	7.43%	1.097%
63	17.615	2502	2504	2508	rVV4	4317	5876	0.38%	0.056%
64	17.674	2510	2514	2519	rVV2	34649	47225	3.02%	0.446%
65	17.727	2519	2523	2528	rVB5	12895	16801	1.08%	0.159%
66	17.762	2528	2529	2533	rBV2	1433	1908	0.12%	0.018%
67	17.839	2535	2542	2547	rBV8	5800	9370	0.60%	0.089%
68	17.898	2547	2552	2558	rVV2	57754	71571	4.58%	0.676%
69	17.956	2558	2562	2566	rVV	37085	45723	2.93%	0.432%
70	17.998	2566	2569	2574	rVB2	31074	36765	2.35%	0.347%
71	18.180	2596	2600	2606	rBV	46402	67086	4.29%	0.634%

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72	18.233	2606	2609	2612	rVV4	15006	17245	1.10%	0.163%
73	18.292	2615	2619	2622	rBV2	7320	11474	0.73%	0.108%
74	18.327	2622	2625	2628	rVV2	11323	14544	0.93%	0.137%
75	18.362	2628	2631	2636	rVB2	27750	33147	2.12%	0.313%
76	18.462	2645	2648	2651	rBV3	6657	8153	0.52%	0.077%
77	18.686	2683	2686	2688	rVB4	3851	2721	0.17%	0.026%
78	18.756	2692	2698	2706	rVB8	30455	46827	3.00%	0.442%
79	19.045	2743	2747	2752	rBV3	32522	41598	2.66%	0.393%
80	19.386	2803	2805	2810	rBV6	5299	9929	0.64%	0.094%
81	19.474	2817	2820	2821	rBV3	11961	12110	0.78%	0.114%
82	19.621	2841	2845	2849	rBV5	30970	37013	2.37%	0.350%
83	19.662	2849	2852	2854	rBV4	13122	15099	0.97%	0.143%
84	19.762	2864	2869	2875	rBV3	82208	111911	7.16%	1.057%
85	20.039	2912	2916	2921	rBV	92645	112881	7.23%	1.067%
86	20.092	2922	2925	2929	rVB4	20174	24824	1.59%	0.235%
87	20.197	2940	2943	2948	rBV6	41420	57275	3.67%	0.541%
88	20.356	2965	2970	2976	rVB5	54501	86097	5.51%	0.813%
89	20.509	2992	2996	3000	rBV4	59541	78035	5.00%	0.737%
90	20.568	3004	3006	3011	rVB6	25548	31881	2.04%	0.301%
91	20.774	3038	3041	3045	rVB4	55812	61121	3.91%	0.577%
92	20.827	3048	3050	3055	rVV6	27198	35733	2.29%	0.338%
93	21.027	3079	3084	3088	rBV	1201394	1511189	96.74%	14.278%
94	21.062	3088	3090	3095	rVB2	119608	127863	8.19%	1.208%
95	23.121	3434	3440	3449	rVB	908439	1485739	95.11%	14.038%
96	27.268	4143	4145	4147	rVB	506955	180557	11.56%	1.706%
97	27.285	4147	4148	4149	rBV	5339	3267	0.21%	0.031%

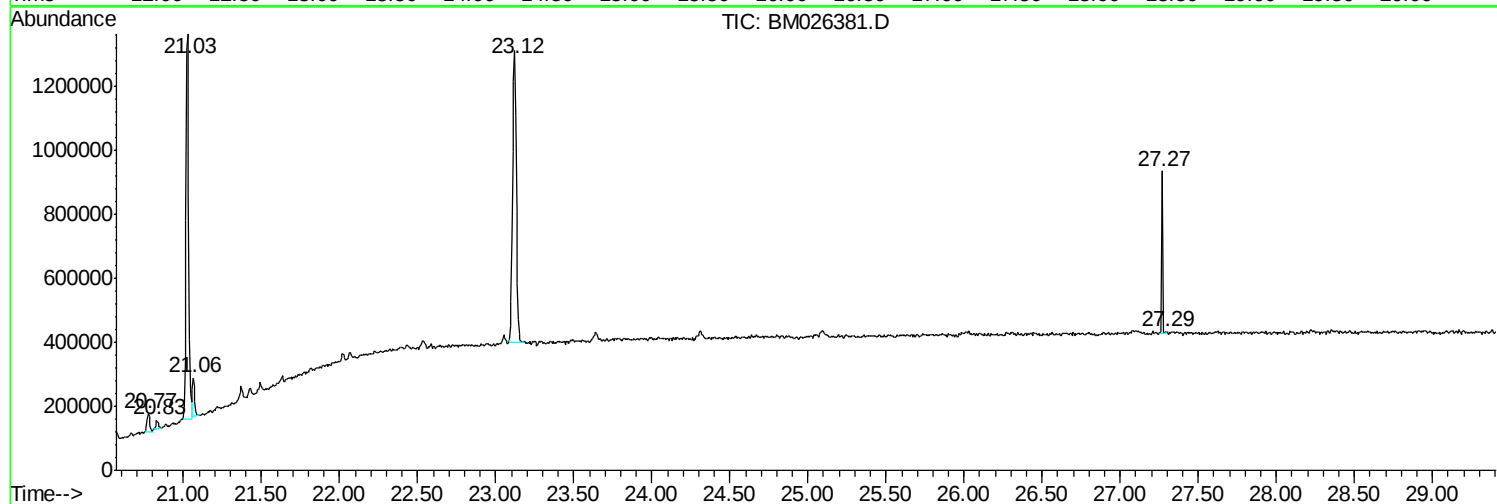
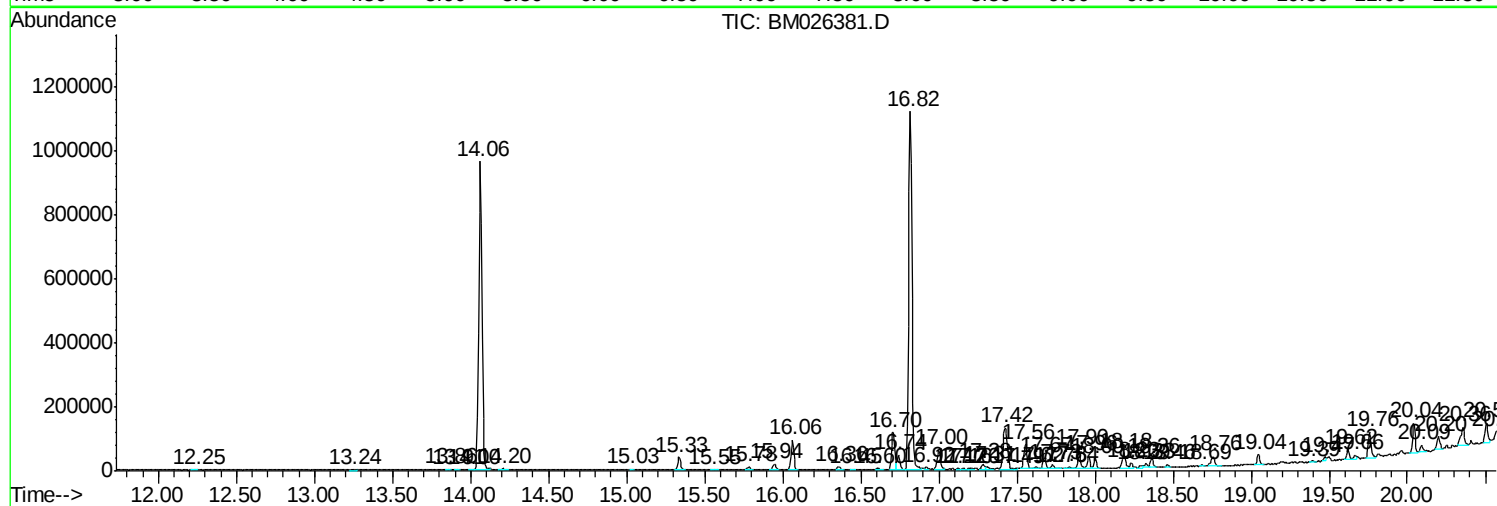
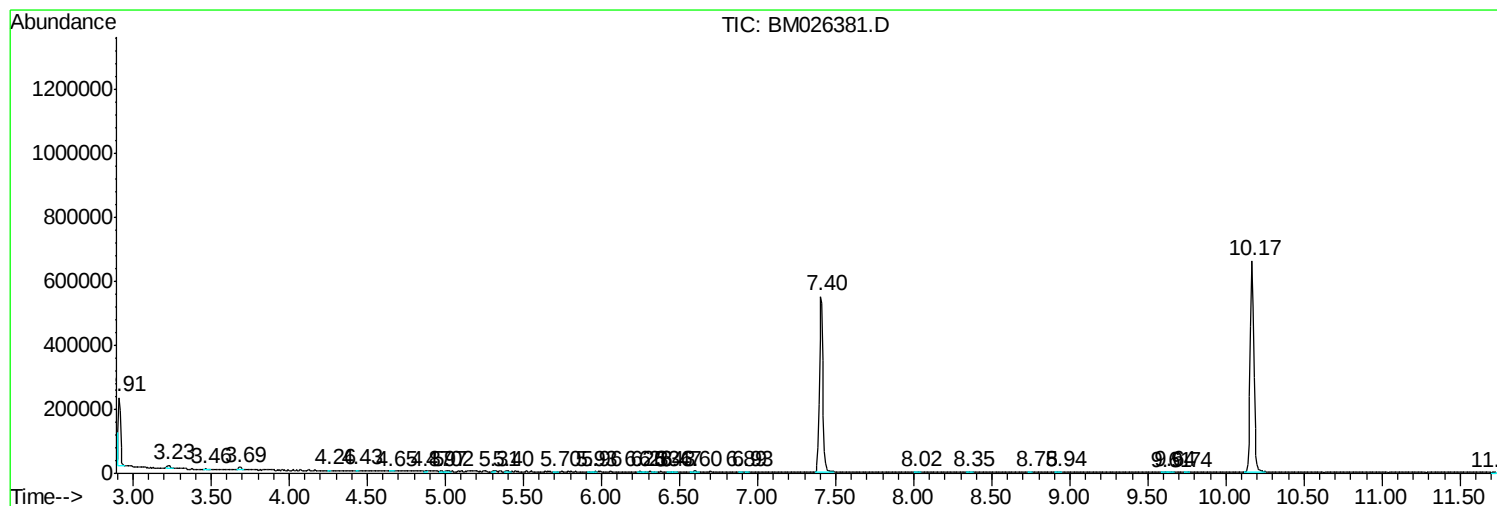
Sum of corrected areas: 10583958

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LabSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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



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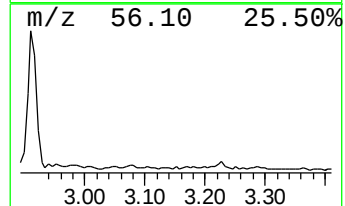
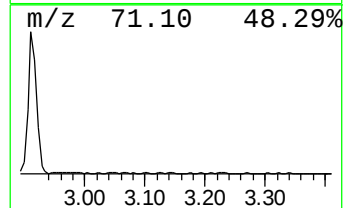
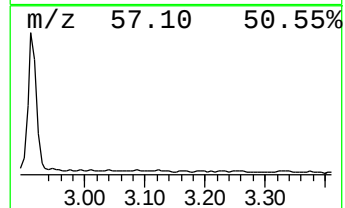
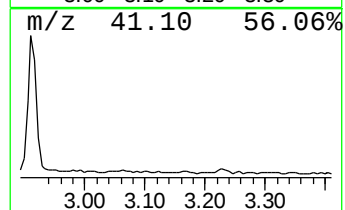
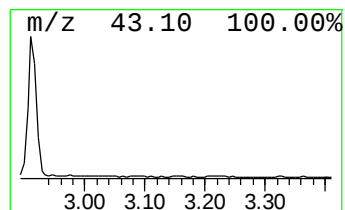
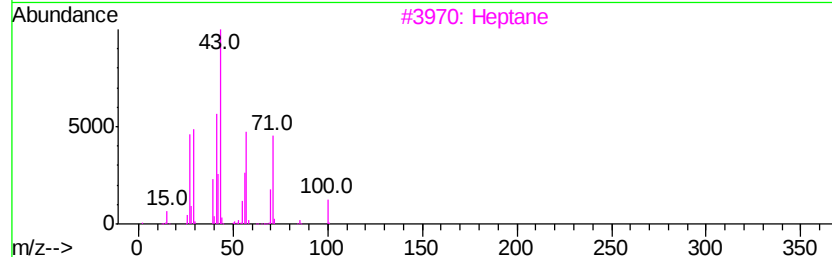
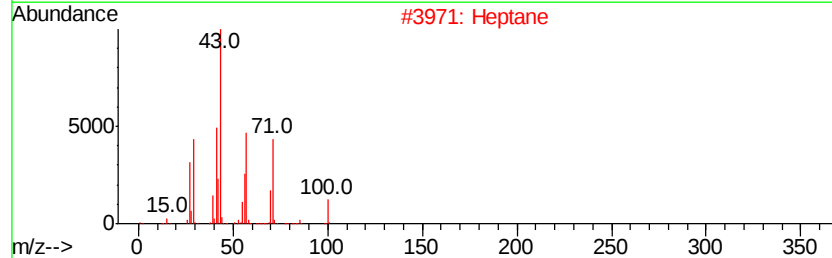
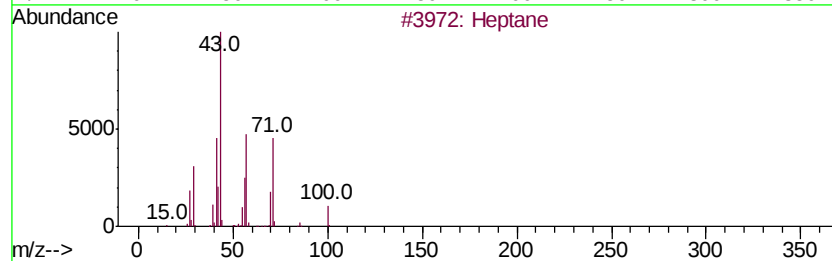
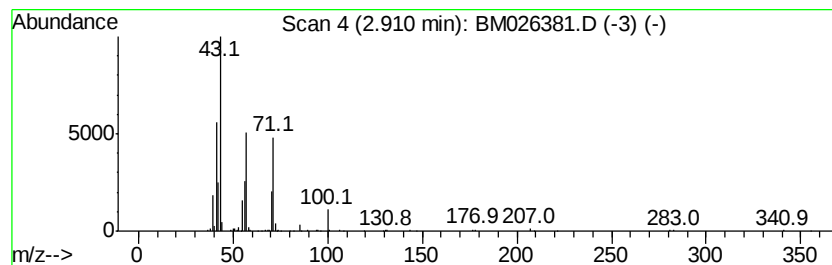
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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.
2.91	3.76 ng/ul	162652	1,4-Dichlorobenzene-d4	7.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	94
2		Heptane	100	C7H16	000142-82-5	91
3		Heptane	100	C7H16	000142-82-5	91
4		Heptane	100	C7H16	000142-82-5	86
5		Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	50



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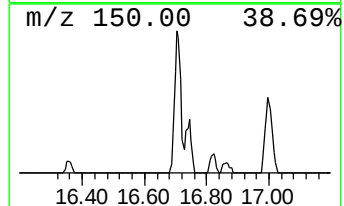
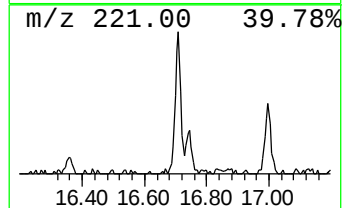
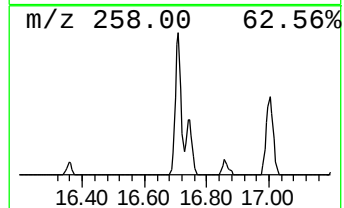
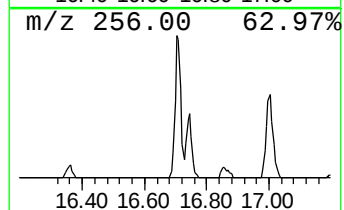
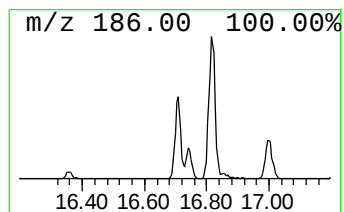
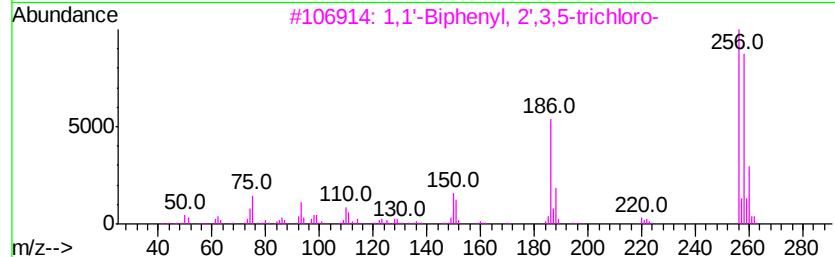
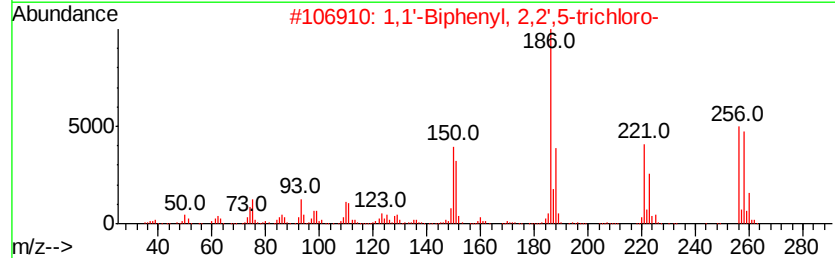
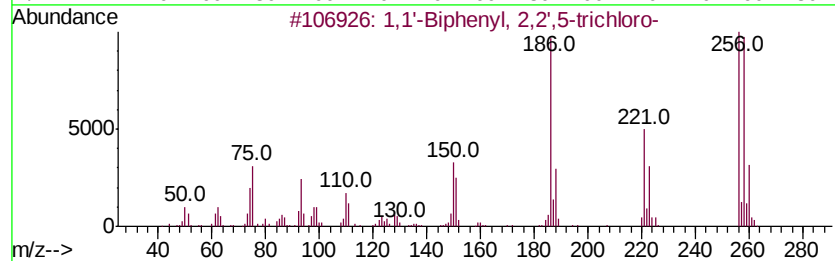
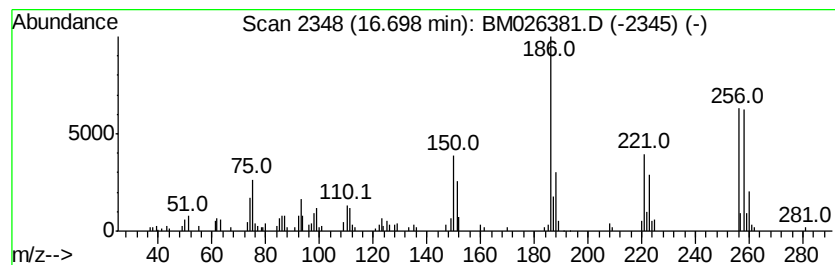
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Peak Number 2 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.70	2.04 ng/ul	159396	Phenanthrene-d10		16.82		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'	-Biphenyl,	2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'	-Biphenyl,	2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
4	1,1'	-Biphenyl,	2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
5	1,1'	-Biphenyl,	2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98



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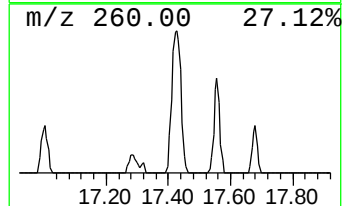
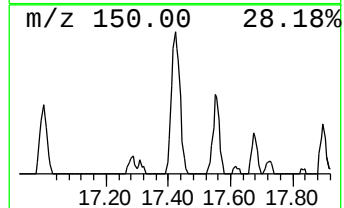
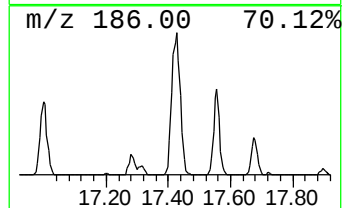
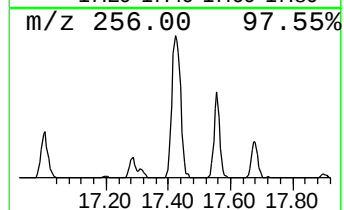
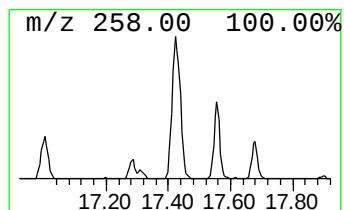
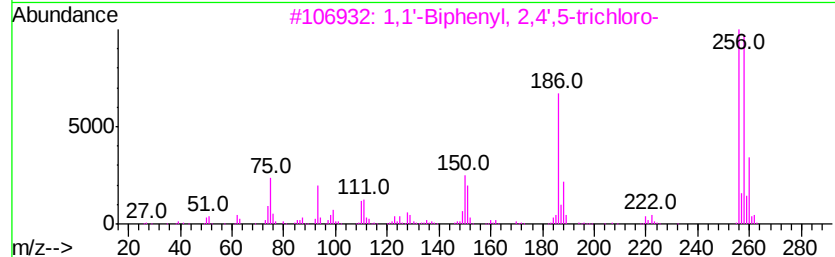
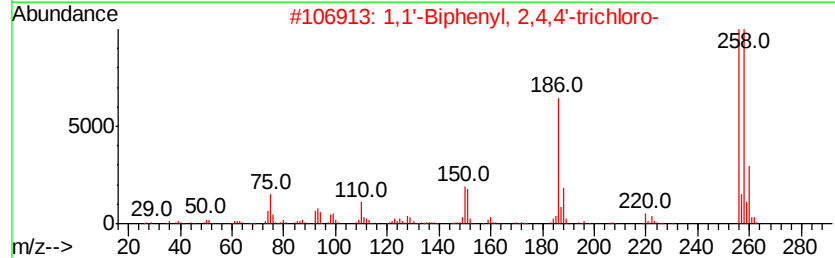
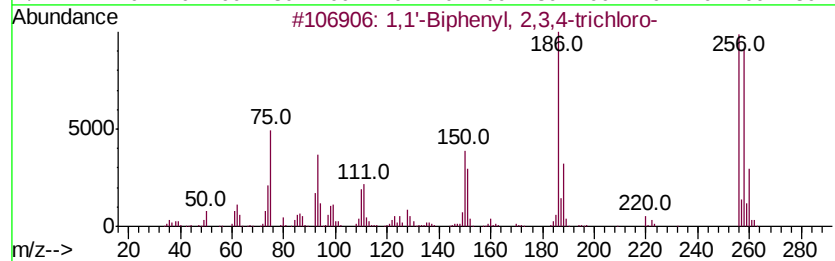
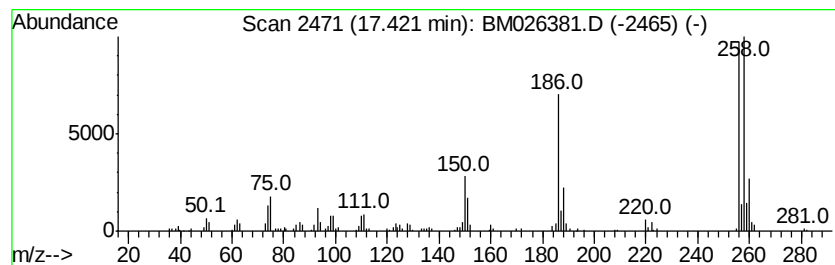
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.42	3.24 ng/ul	253302	Phenanthrene-d10		16.82		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
2	1,1'	-Biphenyl,	2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'	-Biphenyl,	2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'	-Biphenyl,	2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	98
5	1,1'	-Biphenyl,	2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061220\
Data File : BM026381.D
Acq On : 12 Jun 2020 17:31
Operator : JU/CG
Sample : AR-1248-50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
AR-1248-50PPM

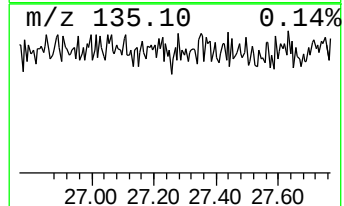
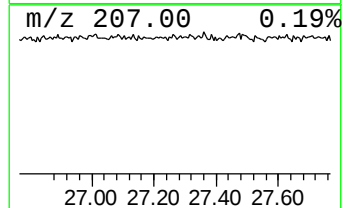
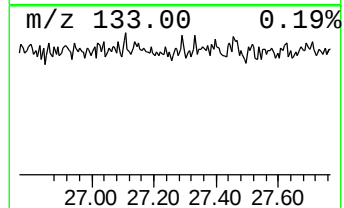
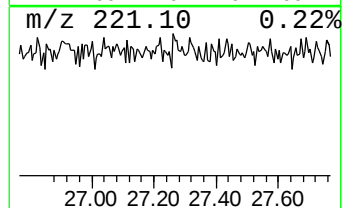
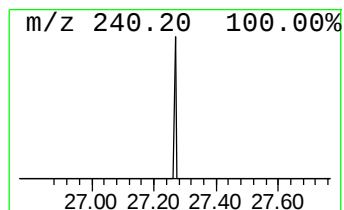
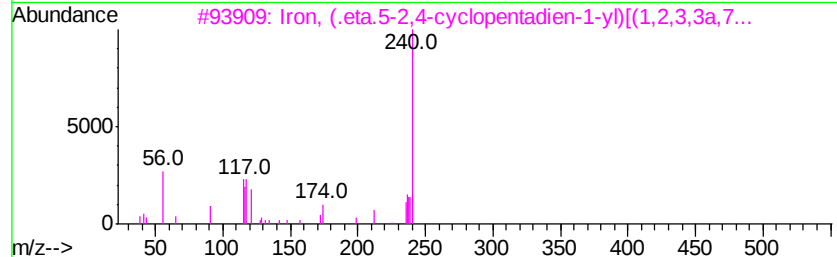
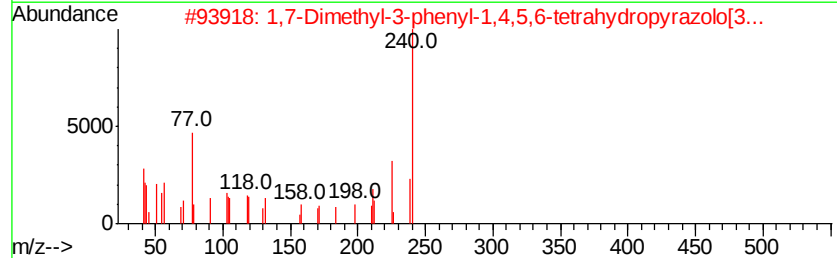
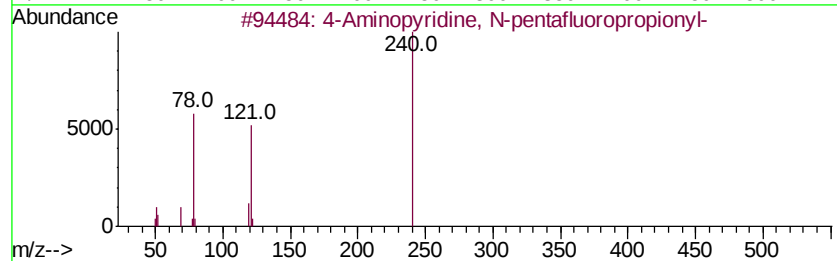
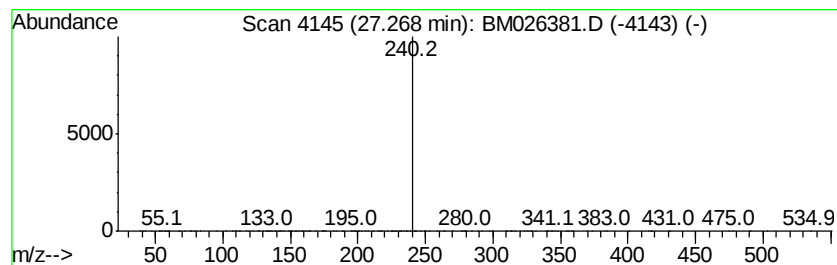
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.27	2.43 ng/ul	180557	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Aminopyridine, N-pentafluoropr...	240	C8H5F5N2O	905417-77-8	3
2		1,7-Dimethyl-3-phenyl-1,4,5,6-te...	240	C14H16N4	1000148-10-4	3
3		Iron, (.eta.5-2,4-cvclopentadien...	240	C14H16Fe	033039-67-7	3
4		2-Phenyl-3-amino-7-methyl-4,5(3H...	240	C13H12N4O	068194-52-5	3
5		1,7,7-Trimethyl-2-((1-phenyl-2-(...	361	C25H31NO	1000148-11-9	1



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061220\
Data File : BM026381.D
Acq On : 12 Jun 2020 17:31
Operator : JU/CG
Sample : AR-1248-50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
AR-1248-50PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.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...	2.91	3.8	ng/ul	162652	1	7.40	864996	20.0
1,1'-Biphenyl, 2,...	16.70	2.0	ng/ul	159396	4	16.82	1562090	20.0
1,1'-Biphenyl, 2,...	17.42	3.2	ng/ul	253302	4	16.82	1562090	20.0
unknown-01	27.27	2.4	ng/ul	180557	6	23.12	1485740	20.0