

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061871.D
 Acq On : 3 Jul 2024 19:43
 Operator : MA/JU
 Sample : P2964-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG061871.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.482	31	33	38	rVB4	8904	12155	1.08%	0.094%
2	3.764	77	81	85	rVB2	10440	17158	1.53%	0.133%
3	3.911	101	106	112	rBV4	18324	33347	2.97%	0.258%
4	4.017	120	124	129	rVB4	8351	14590	1.30%	0.113%
5	4.258	160	165	168	rBV5	4151	6879	0.61%	0.053%
6	4.516	207	209	212	rBV3	3649	3935	0.35%	0.030%
7	4.622	221	227	229	rBV4	2982	5144	0.46%	0.040%
8	4.698	234	240	241	rVV4	2429	3584	0.32%	0.028%
9	4.757	244	250	256	rBV3	5479	9502	0.85%	0.073%
10	4.804	256	258	263	rVV4	9388	15733	1.40%	0.122%
11	4.851	263	266	272	rVB2	12082	17609	1.57%	0.136%
12	5.063	300	302	304	rVB3	3622	3204	0.28%	0.025%
13	5.168	315	320	328	rVB	39246	63995	5.69%	0.494%
14	5.268	332	337	340	rVV6	4531	8605	0.77%	0.066%
15	5.403	356	360	361	rVB4	3232	3294	0.29%	0.025%
16	5.785	420	425	426	rVB2	2770	3202	0.28%	0.025%
17	5.885	437	442	445	rBV2	2816	4985	0.44%	0.039%
18	6.150	484	487	493	rVV2	7829	13096	1.16%	0.101%
19	6.690	575	579	582	rBV4	3502	5064	0.45%	0.039%
20	6.767	586	592	593	rBV2	2362	3258	0.29%	0.025%
21	6.884	608	612	615	rBV3	2548	3595	0.32%	0.028%
22	7.248	666	674	684	rVB	146130	269786	23.99%	2.085%
23	7.419	696	703	710	rBV	100018	169576	15.08%	1.310%
24	7.624	732	738	744	rBV2	141059	242388	21.56%	1.873%
25	8.094	811	818	824	rBV	165284	283589	25.22%	2.191%
26	8.141	824	826	833	rVV4	9144	14405	1.28%	0.111%
27	8.212	835	838	841	rVB	4571	4202	0.37%	0.032%
28	8.794	930	937	945	rBV2	171891	298083	26.51%	2.303%
29	8.917	955	958	962	rBV4	3645	6400	0.57%	0.049%
30	9.258	1009	1016	1025	rVV	142277	264697	23.54%	2.045%
31	9.651	1078	1083	1088	rVB3	6111	7913	0.70%	0.061%
32	9.804	1104	1109	1115	rBV4	27662	45219	4.02%	0.349%
33	9.986	1133	1140	1148	rBV2	133557	246166	21.89%	1.902%
34	10.215	1172	1179	1180	rBV4	3356	6640	0.59%	0.051%
35	10.527	1225	1232	1242	rVB	189585	350325	31.15%	2.707%
36	10.674	1254	1257	1260	rBV2	3113	3248	0.29%	0.025%

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37	10.909	1287	1297	1307	rBV	260519	466047	41.45%	3.601%
38	11.038	1313	1319	1329	rVB2	133339	249773	22.21%	1.930%
39	11.426	1381	1385	1391	rVB4	10708	18214	1.62%	0.141%
40	11.567	1407	1409	1412	rBV	3201	3394	0.30%	0.026%
41	11.643	1416	1422	1427	rBV4	24444	45472	4.04%	0.351%
42	11.731	1433	1437	1438	rBV	3685	3604	0.32%	0.028%
43	12.295	1528	1533	1539	rVB3	5967	8080	0.72%	0.062%
44	12.477	1558	1564	1566	rBV2	6046	9745	0.87%	0.075%
45	12.560	1575	1578	1581	rBV3	2723	3744	0.33%	0.029%
46	12.624	1585	1589	1593	rBV2	2337	3879	0.34%	0.030%
47	12.924	1636	1640	1641	rBV2	2360	3205	0.29%	0.025%
48	12.953	1644	1645	1651	rVV2	3382	5122	0.46%	0.040%
49	13.194	1681	1686	1688	rBV4	3617	5208	0.46%	0.040%
50	13.241	1692	1694	1696	rBV2	3648	3331	0.30%	0.026%
51	13.523	1739	1742	1747	rVV3	8062	13112	1.17%	0.101%
52	13.606	1754	1756	1759	rBV	3051	3490	0.31%	0.027%
53	14.117	1834	1843	1849	rBV	388396	561298	49.92%	4.337%
54	14.222	1858	1861	1862	rBV2	3944	3475	0.31%	0.027%
55	14.346	1880	1882	1884	rVV2	4078	4642	0.41%	0.036%
56	14.416	1887	1894	1903	rVB2	395567	650656	57.86%	5.027%
57	14.587	1921	1923	1929	rVB4	3618	5969	0.53%	0.046%
58	14.716	1936	1945	1953	rBV	428557	675953	60.11%	5.223%
59	14.787	1953	1957	1961	rBV4	10895	14195	1.26%	0.110%
60	14.910	1970	1978	1989	rBV	192995	342350	30.44%	2.645%
61	15.063	2000	2004	2007	rVB5	8719	12835	1.14%	0.099%
62	15.116	2010	2013	2018	rVV5	15136	23813	2.12%	0.184%
63	15.192	2021	2026	2027	rBV2	4992	7187	0.64%	0.056%
64	15.327	2046	2049	2051	rBV3	5143	6258	0.56%	0.048%
65	15.497	2071	2078	2080	rBV6	5387	12527	1.11%	0.097%
66	15.539	2083	2085	2087	rBV3	4677	3412	0.30%	0.026%
67	15.586	2091	2093	2095	rBV2	4396	4143	0.37%	0.032%
68	15.703	2107	2113	2119	rBV	534283	816323	72.60%	6.308%
69	15.815	2127	2132	2142	rVB2	183134	271071	24.11%	2.094%
70	15.885	2142	2144	2146	rBV2	4379	4230	0.38%	0.033%
71	16.185	2193	2195	2196	rBV2	4798	3346	0.30%	0.026%
72	16.396	2228	2231	2233	rBV2	6102	7990	0.71%	0.062%
73	16.490	2245	2247	2249	rVB3	4747	3314	0.29%	0.026%
74	16.678	2277	2279	2283	rVB5	3437	3394	0.30%	0.026%
75	16.984	2327	2331	2335	rBV5	18605	27943	2.48%	0.216%
76	17.090	2348	2349	2350	rBV	6088	3616	0.32%	0.028%

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77	17.172	2362	2363	2364	rBV	6066	3832	0.34%	0.030%
78	17.195	2364	2367	2370	rVV5	9135	12101	1.08%	0.094%
79	17.272	2378	2380	2386	rVB6	9671	14064	1.25%	0.109%
80	17.331	2386	2390	2393	rBV6	16225	23140	2.06%	0.179%
81	17.366	2393	2396	2404	rVB8	25081	35350	3.14%	0.273%
82	17.460	2404	2412	2416	rBV	579470	925552	82.31%	7.151%
83	17.501	2416	2419	2423	rVV	108848	155169	13.80%	1.199%
84	17.560	2423	2429	2437	rVV	596547	933547	83.02%	7.213%
85	17.624	2437	2440	2446	rVB5	30909	49012	4.36%	0.379%
86	17.901	2483	2487	2490	rBV6	23503	37079	3.30%	0.286%
87	18.053	2507	2513	2518	rVB	87683	143872	12.79%	1.112%
88	18.171	2529	2533	2539	rVB7	16469	34527	3.07%	0.267%
89	18.241	2543	2545	2550	rVB6	9489	9779	0.87%	0.076%
90	18.306	2552	2556	2558	rBV4	18593	27799	2.47%	0.215%
91	18.335	2558	2561	2564	rBV4	19369	27685	2.46%	0.214%
92	18.517	2587	2592	2597	rBV5	86546	136900	12.17%	1.058%
93	18.576	2598	2602	2606	rVV6	51710	82062	7.30%	0.634%
94	18.617	2606	2609	2613	rVB4	33436	46661	4.15%	0.361%
95	18.799	2636	2640	2645	rBV5	54853	100648	8.95%	0.778%
96	18.976	2667	2670	2674	rVB5	40411	48098	4.28%	0.372%
97	19.499	2756	2759	2765	rVB	168185	230792	20.52%	1.783%
98	19.834	2811	2816	2826	rBV2	658052	1124487	100.00%	8.689%
99	21.720	3131	3137	3142	rBV2	515909	854330	75.98%	6.601%
100	24.963	3681	3689	3704	rVB	345558	1105658	98.33%	8.543%

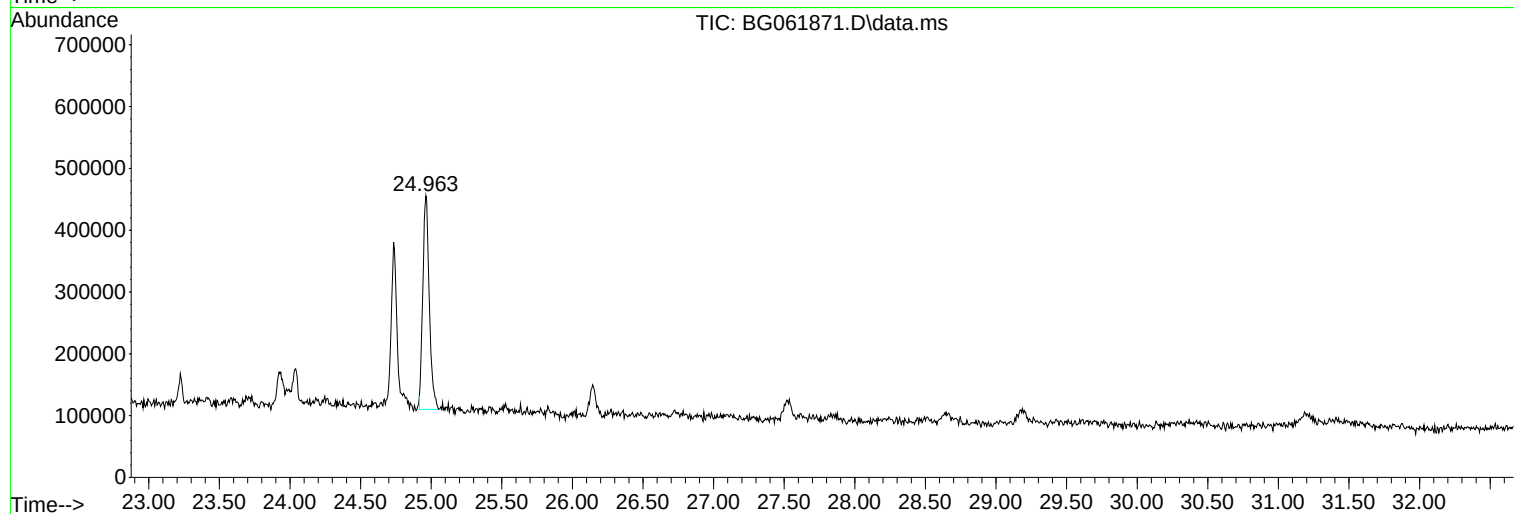
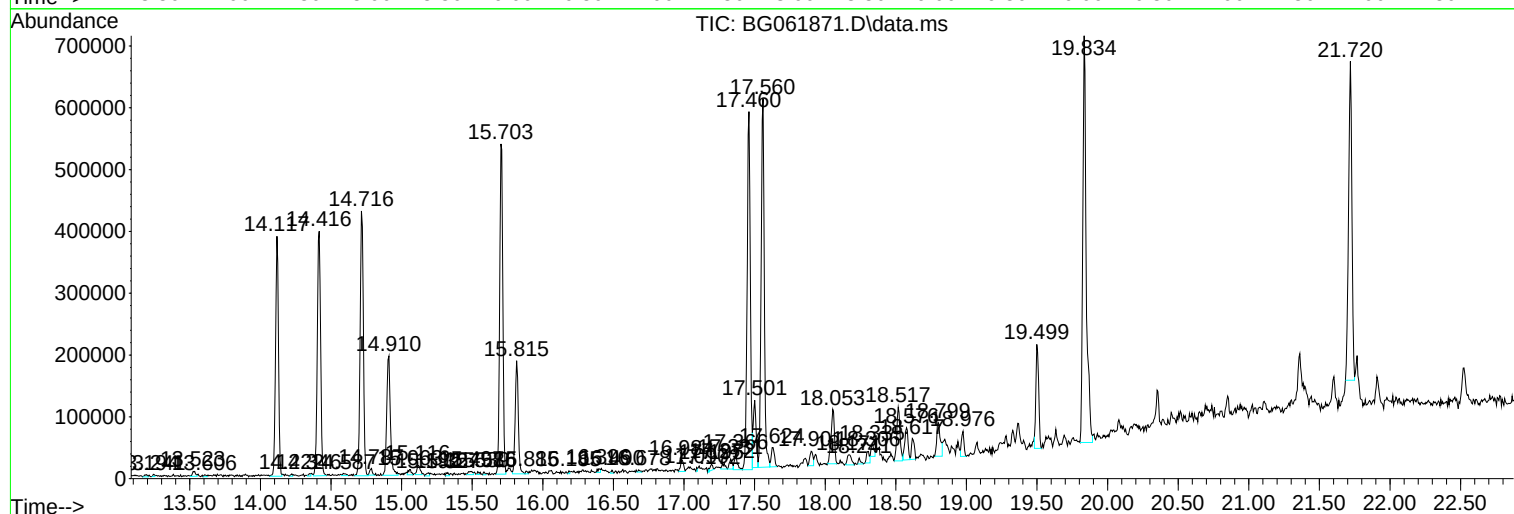
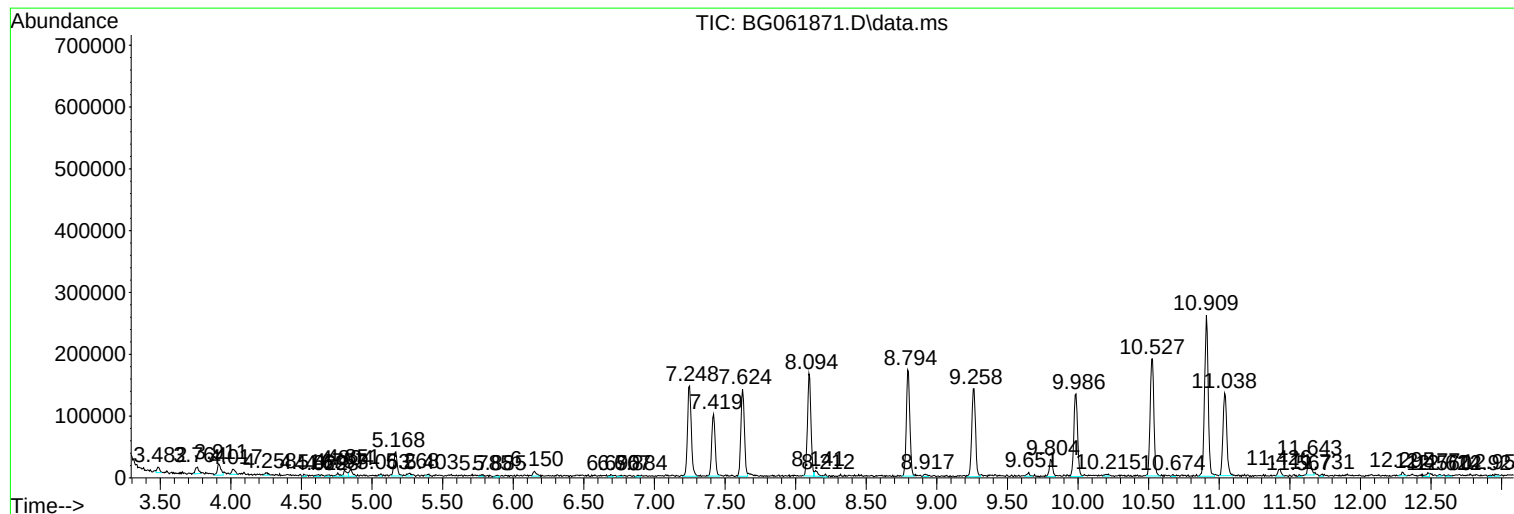
Sum of corrected areas: 12942075

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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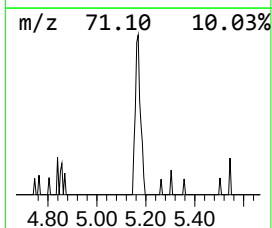
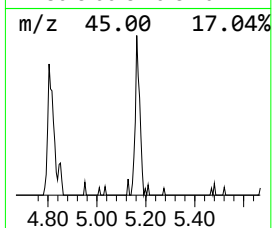
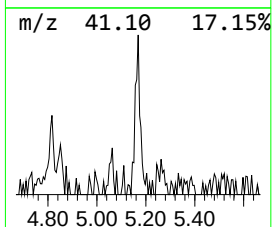
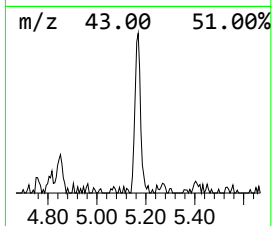
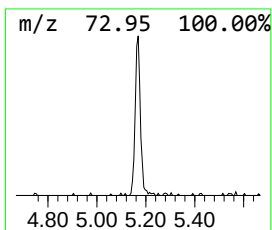
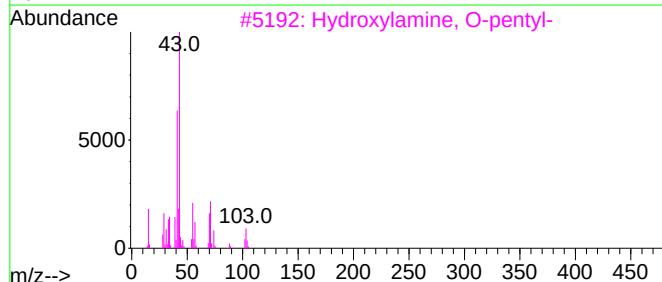
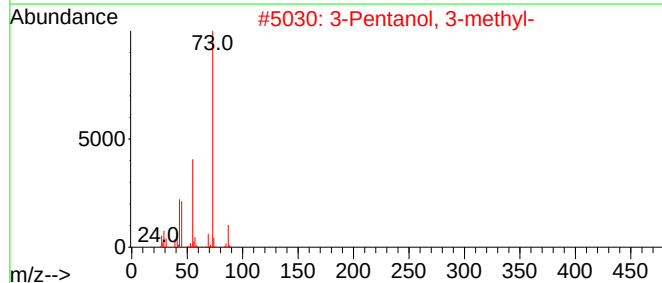
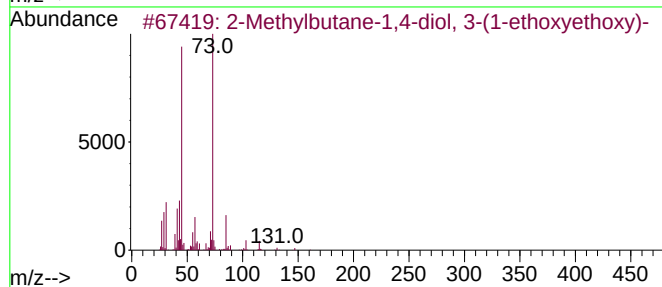
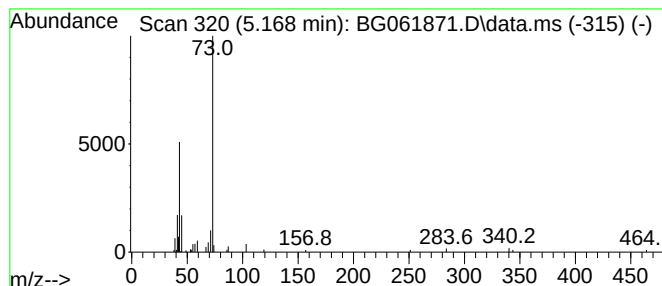
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.168	4.51 ng/ul	63995	1,4-Dichlorobenzene-d4	8.094

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbutane-1,4-diol, 3-(1-et...	192	C9H20O4	088481-54-3	28		
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	17		
3	Hydroxylamine, O-pentyl-	103	C5H13NO	005963-74-6	9		
4	Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9		
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9		



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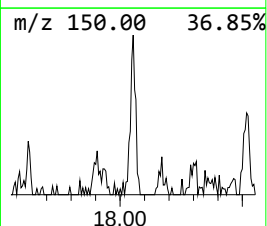
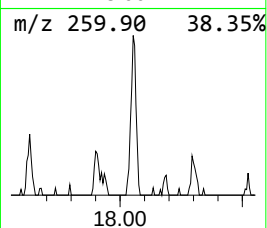
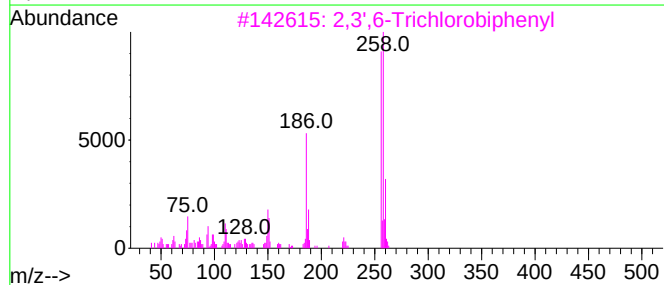
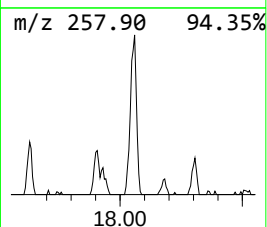
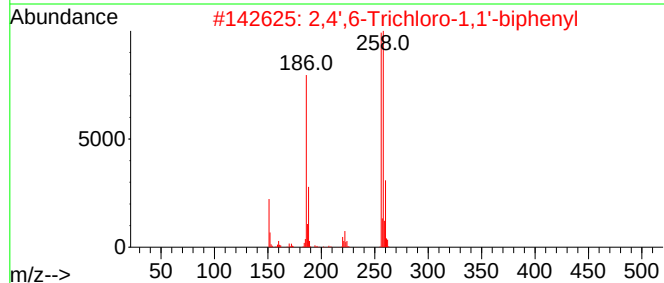
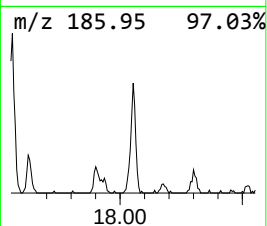
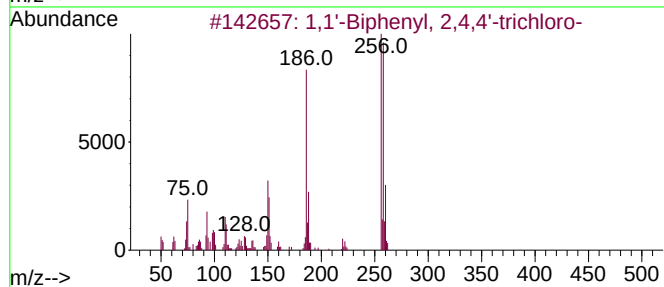
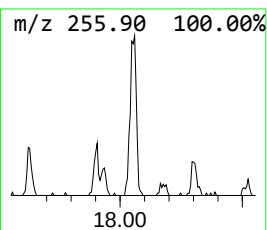
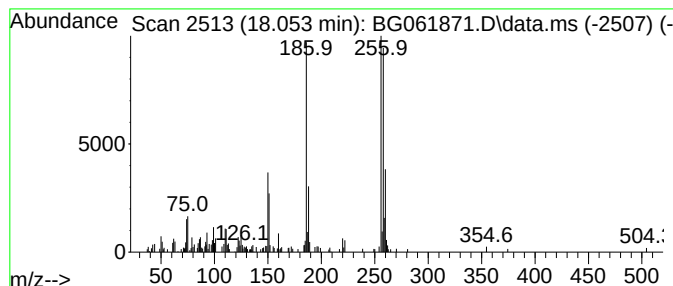
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.053	3.11 ng/ul	143872	Phenanthrene-d10	17.460

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96		
2	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	95		
3	2,3',6-Trichlorobiphenyl	256	C12H7Cl3	038444-76-7	95		
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	94		
5	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	94		



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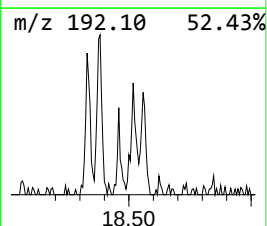
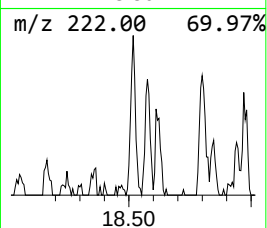
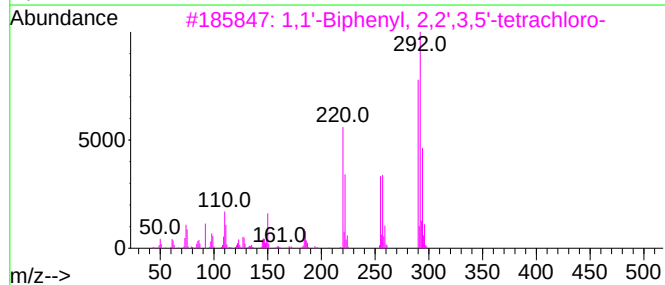
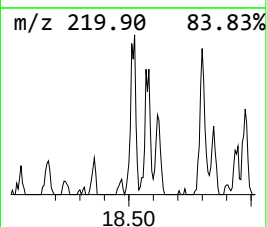
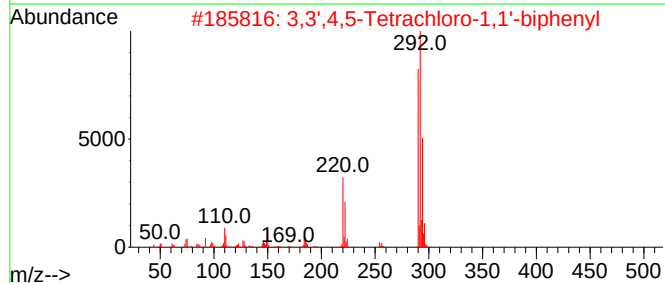
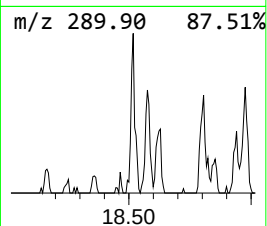
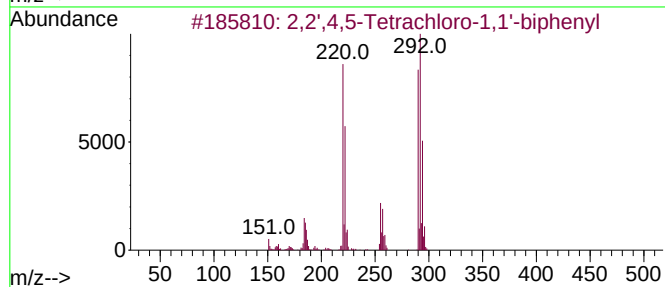
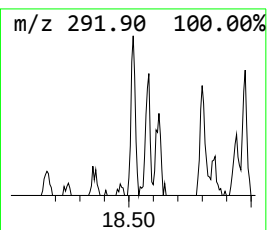
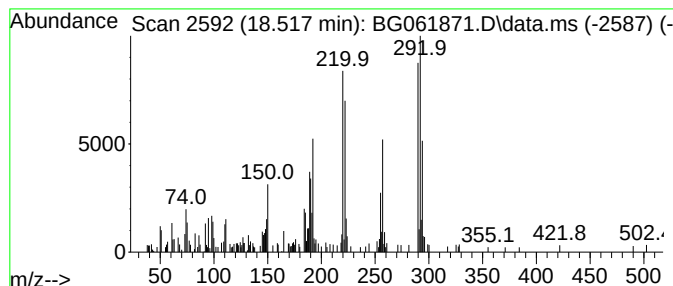
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.517	2.96 ng/ul	136900	Phenanthrene-d10	17.460

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	94		
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	94		
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	93		
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	93		
5	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	93		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061871.D
Acq On : 3 Jul 2024 19:43
Operator : MA/JU
Sample : P2964-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT6

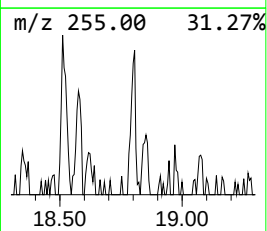
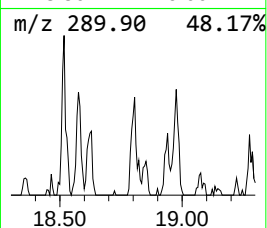
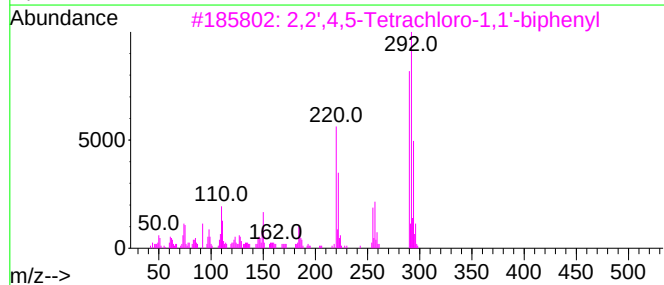
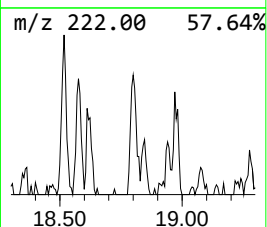
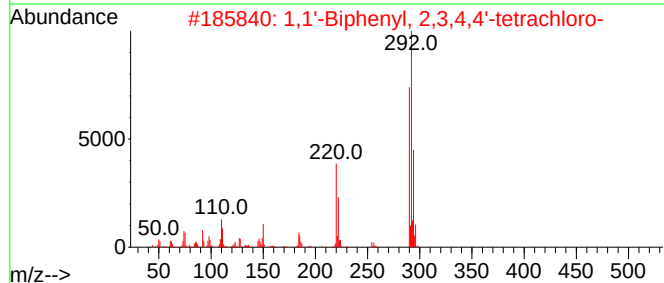
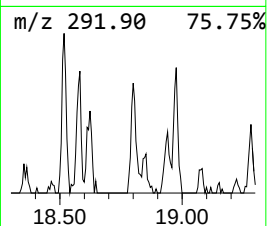
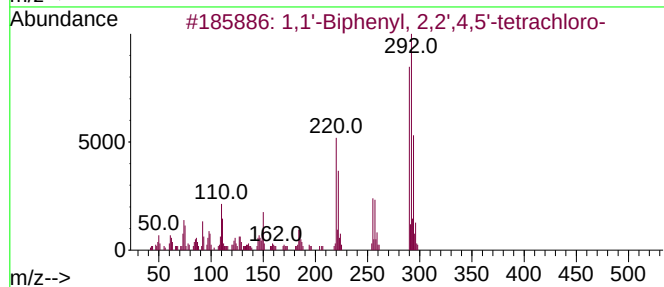
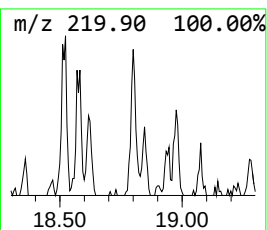
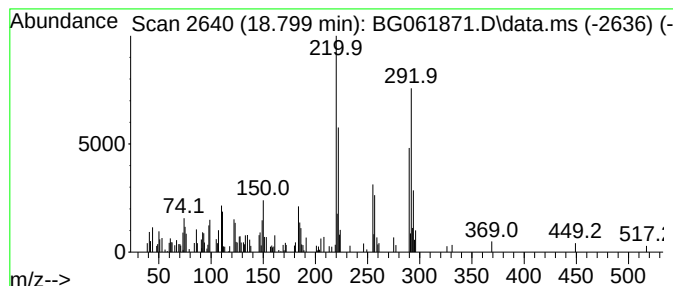
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.799	2.17 ng/ul	100648	Phenanthrene-d10	17.460

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99		
2	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99		
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		
4	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99		
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061871.D
Acq On : 3 Jul 2024 19:43
Operator : MA/JU
Sample : P2964-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	5.168	4.5	ng/ul	63995	1	8.094	283589	20.0
1,1'-Biphenyl, ...	18.053	3.1	ng/ul	143872	4	17.460	925552	20.0
2,2',4,5-Tetrac...	18.517	3.0	ng/ul	136900	4	17.460	925552	20.0
1,1'-Biphenyl, ...	18.799	2.2	ng/ul	100648	4	17.460	925552	20.0