

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
 Data File : BG059364.D
 Acq On : 8 Oct 2023 6:27
 Operator : MA/JU
 Sample : 04607-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBHC5

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-BG100723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG059364.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.494	12	18	26	rBV	193529	367311	15.40%	1.727%
2	3.964	94	98	104	rVV	77735	128729	5.40%	0.605%
3	4.364	161	166	167	rVB2	6890	9500	0.40%	0.045%
4	4.669	216	218	220	rBV	6072	7049	0.30%	0.033%
5	4.716	223	226	229	rVB	7427	8046	0.34%	0.038%
6	4.751	229	232	233	rBV2	5835	6703	0.28%	0.032%
7	4.839	241	247	261	rVB	584799	974780	40.87%	4.584%
8	5.386	337	340	342	rVB	5818	6965	0.29%	0.033%
9	5.451	349	351	354	rVB	9542	6290	0.26%	0.030%
10	5.545	365	367	370	rVB	7369	6942	0.29%	0.033%
11	5.727	396	398	401	rVB	9328	6371	0.27%	0.030%
12	5.768	401	405	408	rBV	6244	12835	0.54%	0.060%
13	6.273	488	491	493	rBV	6385	7191	0.30%	0.034%
14	6.467	522	524	526	rBV	7616	7817	0.33%	0.037%
15	6.878	590	594	598	rVB4	6954	8888	0.37%	0.042%
16	7.019	616	618	621	rBV	7676	5989	0.25%	0.028%
17	7.166	641	643	646	rVB	8834	9773	0.41%	0.046%
18	7.201	646	649	653	rBV	8585	14063	0.59%	0.066%
19	7.272	659	661	667	rVB	4738	6977	0.29%	0.033%
20	7.354	670	675	682	rBV3	61743	107037	4.49%	0.503%
21	7.548	702	708	718	rVV	237190	394522	16.54%	1.855%
22	7.748	735	742	748	rBV	213597	364396	15.28%	1.714%
23	7.789	748	749	756	rVB	5399	7671	0.32%	0.036%
24	8.030	786	790	793	rVB	4752	7235	0.30%	0.034%
25	8.100	798	802	805	rBV	7052	12524	0.53%	0.059%
26	8.230	818	824	830	rBV2	159745	270604	11.35%	1.273%
27	8.435	857	859	862	rVB	5814	6316	0.26%	0.030%
28	8.465	862	864	865	rBV	6465	6036	0.25%	0.028%
29	8.512	868	872	874	rBV	5504	6529	0.27%	0.031%
30	8.882	930	935	936	rBV	5411	7324	0.31%	0.034%
31	8.923	936	942	948	rVB	177187	298483	12.52%	1.404%
32	9.129	974	977	979	rBV	8238	9683	0.41%	0.046%
33	9.428	1021	1028	1035	rBV	285005	499508	20.94%	2.349%
34	9.710	1073	1076	1081	rBV	4832	7032	0.29%	0.033%
35	9.769	1081	1086	1087	rVB	6718	6770	0.28%	0.032%
36	10.145	1143	1150	1156	rBV	223067	408605	17.13%	1.922%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
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37	10.292	1172	1175	1176	rVB	7939	6428	0.27%	0.030%
38	10.321	1178	1180	1182	rBV	6523	7375	0.31%	0.035%
39	10.674	1233	1240	1248	rBV	316659	586051	24.57%	2.756%
40	11.067	1301	1307	1315	rVB	231571	432020	18.11%	2.032%

41	11.214	1325	1332	1339	rBV	259430	482125	20.22%	2.267%
42	11.914	1447	1451	1453	rVB	7684	9051	0.38%	0.043%
43	11.990	1462	1464	1465	rBV	8132	6635	0.28%	0.031%
44	12.149	1488	1491	1493	rBV	5155	7027	0.29%	0.033%
45	12.384	1528	1531	1534	rBV	6656	10244	0.43%	0.048%

46	12.624	1571	1572	1578	rVB2	8811	12057	0.51%	0.057%
47	12.671	1578	1580	1582	rVB	7204	6355	0.27%	0.030%
48	12.695	1582	1584	1588	rBV	4783	6890	0.29%	0.032%
49	13.065	1644	1647	1650	rBV	6295	8510	0.36%	0.040%
50	13.153	1659	1662	1666	rBV	9490	14829	0.62%	0.070%

51	13.424	1707	1708	1711	rBV	6992	6222	0.26%	0.029%
52	13.688	1750	1753	1760	rVB2	14625	25005	1.05%	0.118%
53	13.753	1760	1764	1766	rBV	6000	7576	0.32%	0.036%
54	13.905	1789	1790	1793	rBV	9433	6351	0.27%	0.030%
55	14.076	1817	1819	1823	rVV	7055	9176	0.38%	0.043%

56	14.111	1823	1825	1828	rVV	7655	7120	0.30%	0.033%
57	14.258	1843	1850	1856	rVV	775389	1103869	46.28%	5.191%
58	14.311	1858	1859	1862	rVV2	9331	8310	0.35%	0.039%
59	14.364	1865	1868	1871	rVB	6686	8187	0.34%	0.039%
60	14.569	1895	1903	1910	rBV	840409	1337013	56.06%	6.287%

61	14.863	1946	1953	1962	rBV	405851	634598	26.61%	2.984%
62	15.051	1979	1985	1995	rBV3	57580	108256	4.54%	0.509%
63	15.127	1995	1998	2001	rVB	9293	12752	0.53%	0.060%
64	15.151	2001	2002	2004	rBV	8584	6168	0.26%	0.029%
65	15.210	2007	2012	2015	rBV3	8044	12773	0.54%	0.060%

66	15.374	2037	2040	2043	rVB	6356	8778	0.37%	0.041%
67	15.415	2043	2047	2049	rBV	5240	7594	0.32%	0.036%
68	15.545	2068	2069	2072	rBV	5564	7487	0.31%	0.035%
69	15.633	2079	2084	2085	rBV	7197	9607	0.40%	0.045%
70	15.850	2113	2121	2127	rBV	1133146	1715295	71.92%	8.066%

71	15.962	2135	2140	2149	rBV	453859	648314	27.18%	3.049%
72	16.085	2160	2161	2167	rVB5	11708	18676	0.78%	0.088%
73	16.138	2167	2170	2172	rBV	5859	6052	0.25%	0.028%
74	16.314	2197	2200	2202	rBV	5480	6099	0.26%	0.029%
75	16.420	2217	2218	2223	rVB	8395	6436	0.27%	0.030%

76	16.455	2223	2224	2228	rBV	5627	8509	0.36%	0.040%
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77	17.031	2321	2322	2326	rVB	5929	7316	0.31%	0.034%
78	17.078	2328	2330	2335	rVB3	7361	9967	0.42%	0.047%
79	17.278	2360	2364	2365	rBV	9590	9657	0.40%	0.045%
80	17.407	2383	2386	2390	rBV	9192	11528	0.48%	0.054%
81	17.613	2415	2421	2431	rVB	505993	765294	32.09%	3.599%
82	17.713	2431	2438	2445	rBV2	1372125	2059514	86.35%	9.685%
83	18.382	2549	2552	2553	rBV	8860	8113	0.34%	0.038%
84	18.429	2556	2560	2568	rVV2	102784	161011	6.75%	0.757%
85	18.570	2582	2584	2589	rBV	8806	10314	0.43%	0.049%
86	18.741	2611	2613	2615	rBV	6196	6761	0.28%	0.032%
87	19.487	2736	2740	2743	rBV	7977	9552	0.40%	0.045%
88	19.552	2747	2751	2755	rBV5	23833	36852	1.55%	0.173%
89	19.693	2771	2775	2778	rBV3	85348	111221	4.66%	0.523%
90	19.828	2796	2798	2802	rVB4	17223	18393	0.77%	0.086%
91	19.986	2819	2825	2831	rVB	1669144	2338541	98.05%	10.997%
92	21.914	3147	3153	3159	rBV2	443614	758946	31.82%	3.569%
93	23.382	3401	3403	3413	rVB6	25358	55036	2.31%	0.259%
94	24.246	3545	3550	3557	rBV4	42069	86811	3.64%	0.408%
95	25.157	3695	3705	3716	rBV2	820123	2384986	100.00%	11.216%
96	25.398	3737	3746	3759	rVB3	302372	917936	38.49%	4.317%
97	26.473	3925	3929	3939	rVB5	43574	118074	4.95%	0.555%
98	26.878	3996	3998	3999	rBV2	11131	7586	0.32%	0.036%
99	29.646	4467	4469	4470	rBV	13344	7490	0.31%	0.035%
100	29.822	4497	4499	4500	rBV2	10818	9515	0.40%	0.045%

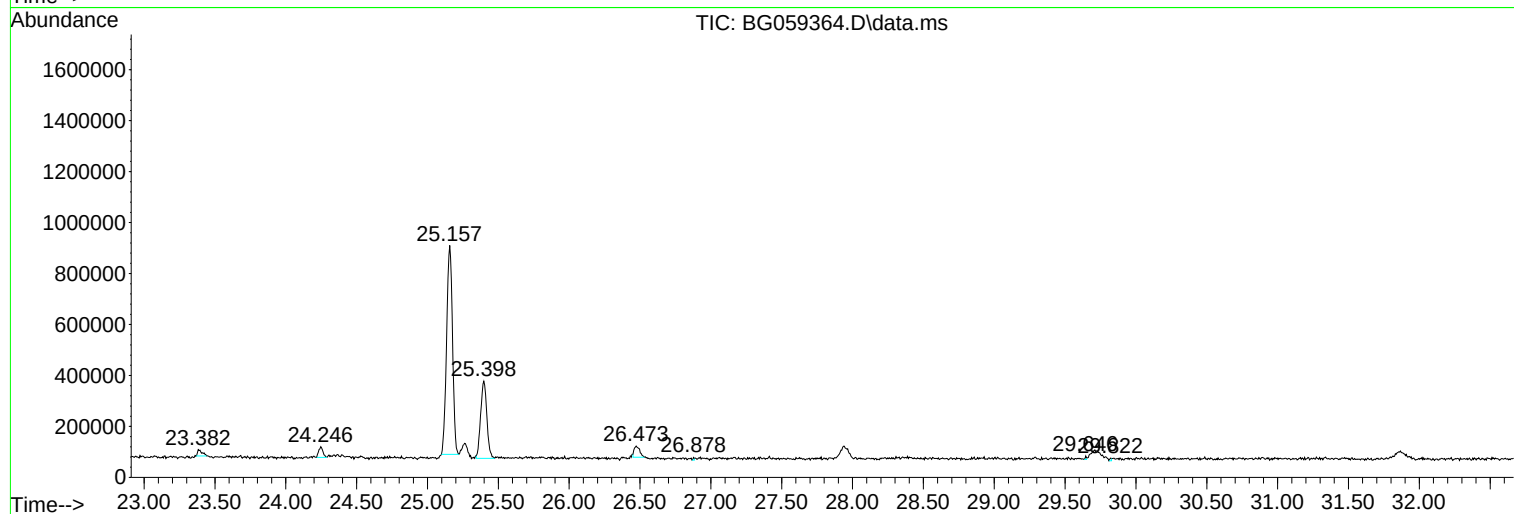
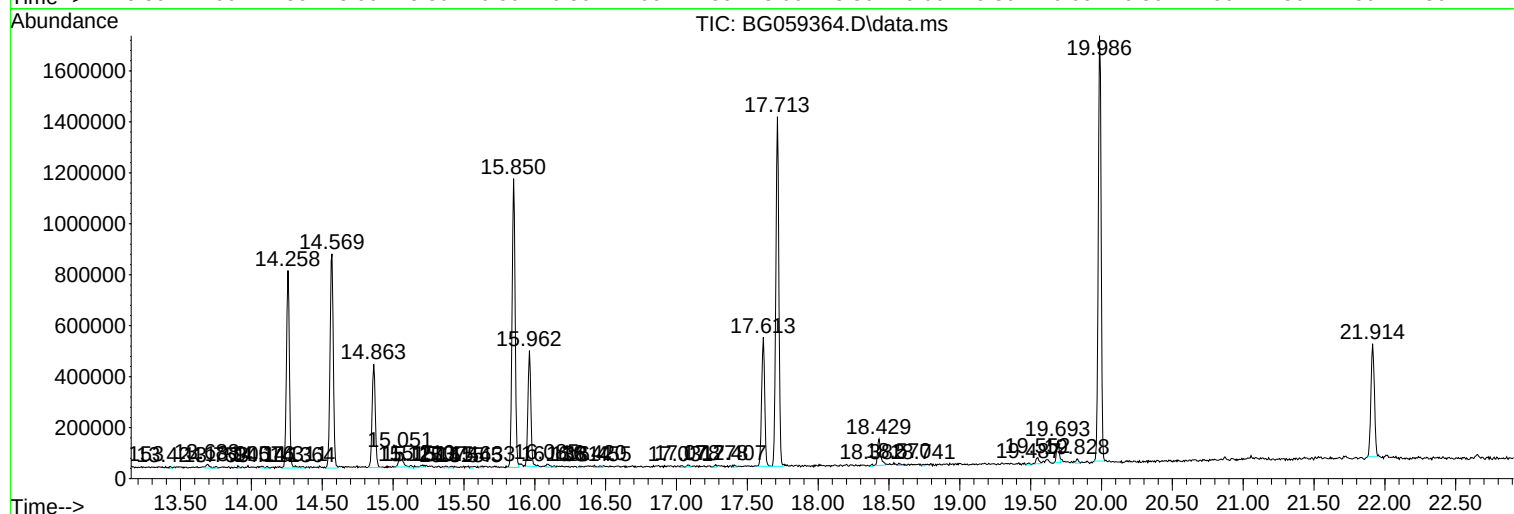
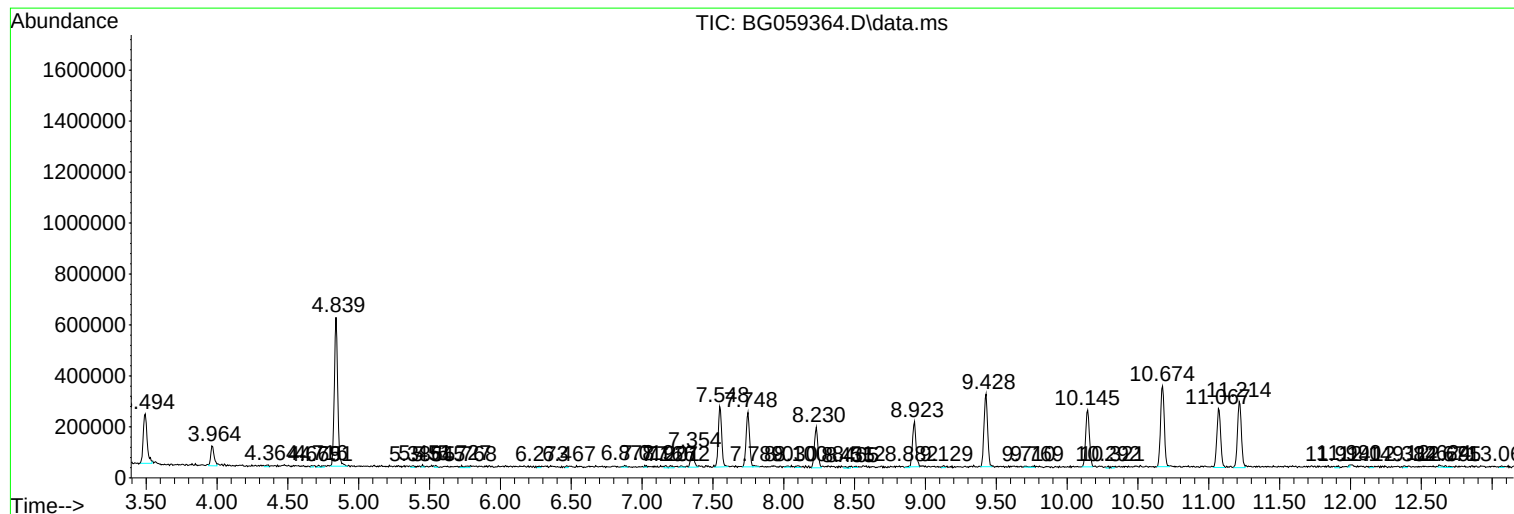
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION

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



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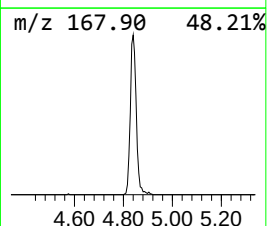
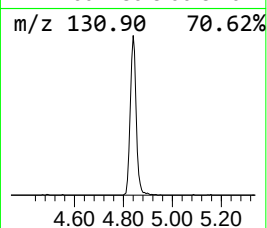
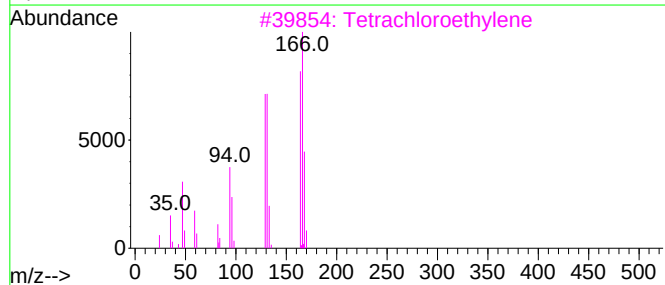
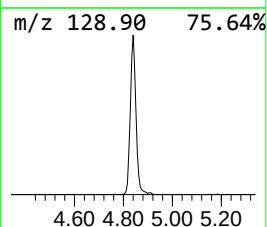
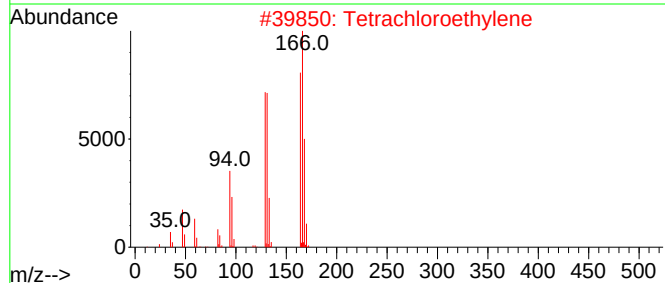
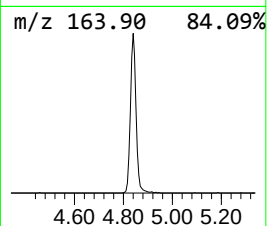
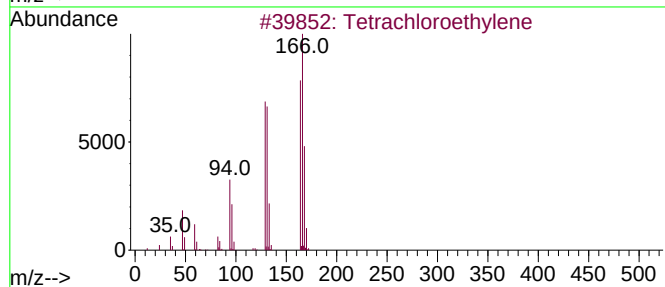
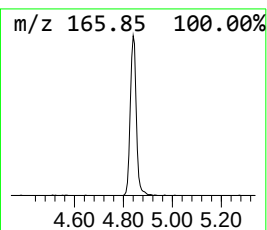
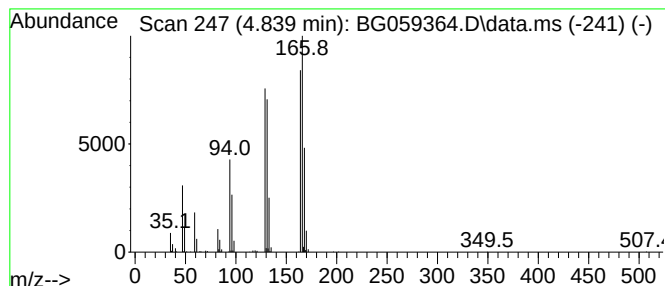
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.839	72.04 ng/ul	974780	1,4-Dichlorobenzene-d4	8.230

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2			Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3			Tetrachloroethylene	164	C2Cl4	000127-18-4	95
4			Tetrachloroethylene	164	C2Cl4	000127-18-4	95
5			1,3-Dichloro-4-fluorobenzene	164	C6H3Cl2F	001435-48-9	17



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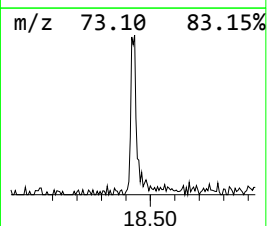
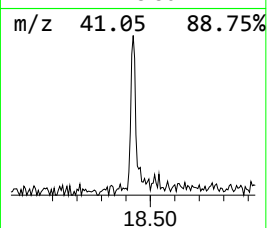
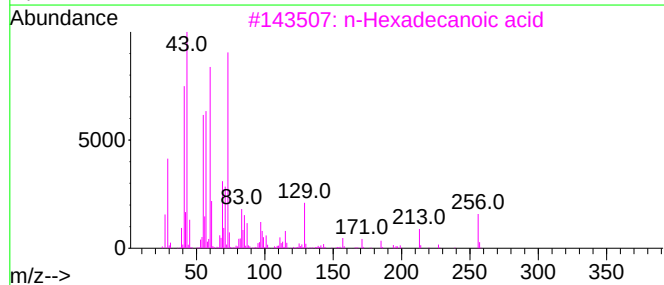
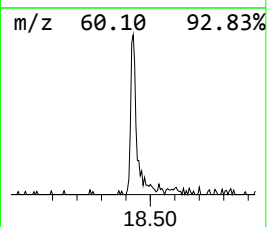
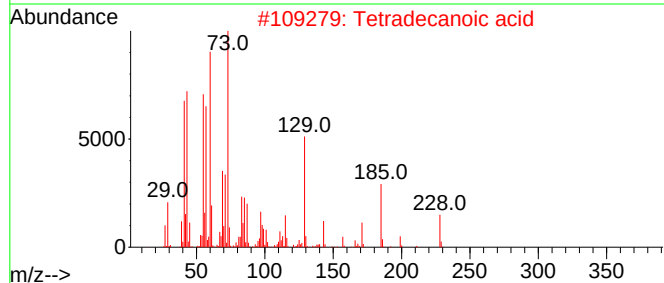
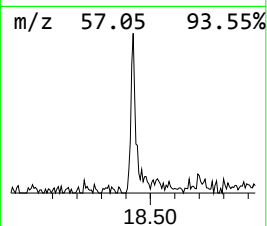
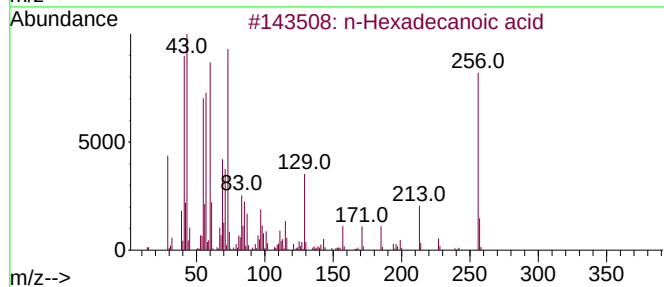
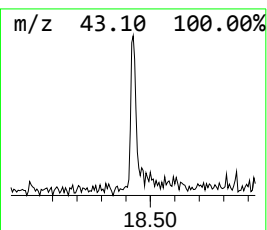
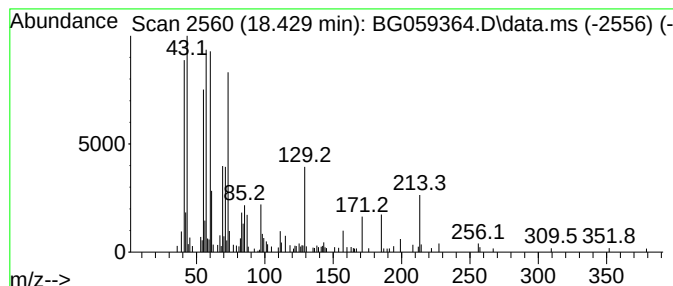
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.429	4.21 ng/ul	161011	Phenanthrene-d10	17.613

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
4			Octadecanoic acid	284	C18H36O2	000057-11-4	49
5			Isoamyl nitrite	117	C5H11NO2	000110-46-3	35



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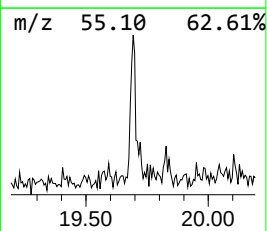
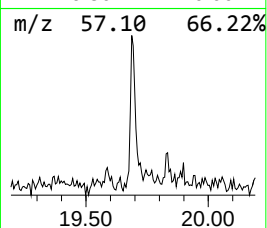
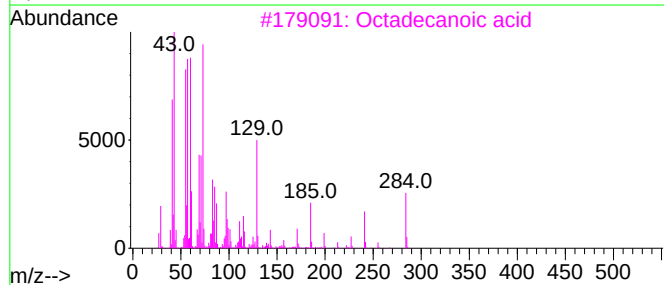
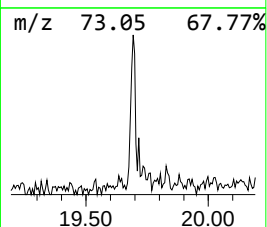
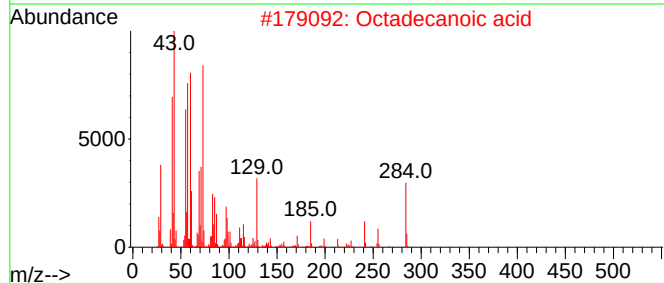
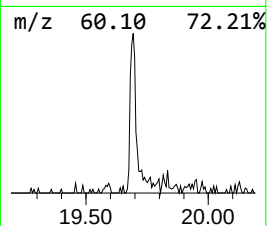
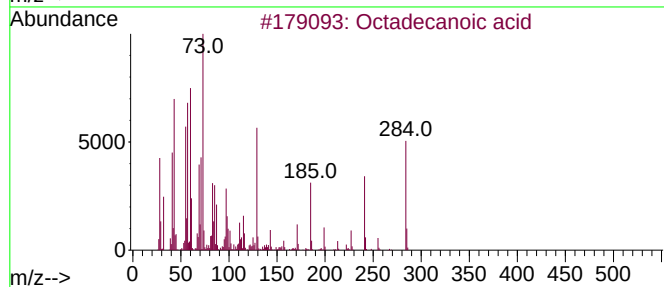
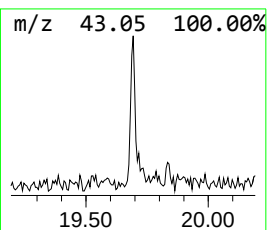
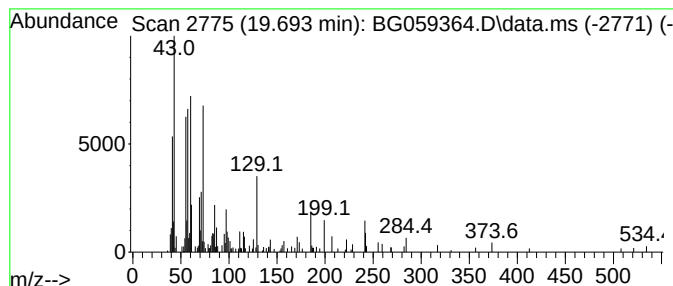
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.693	2.91 ng/ul	111221	Phenanthrene-d10	17.613

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Octadecanoic acid	284	C18H36O2	000057-11-4	83
3			Octadecanoic acid	284	C18H36O2	000057-11-4	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059364.D
Acq On : 8 Oct 2023 6:27
Operator : MA/JU
Sample : 04607-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBHC5

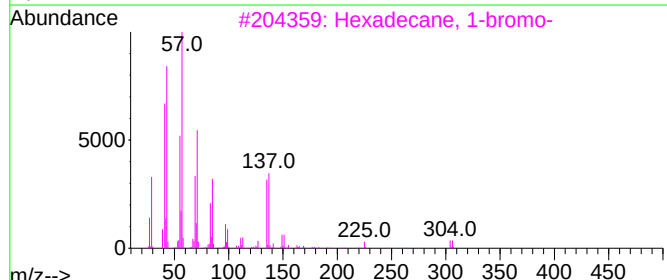
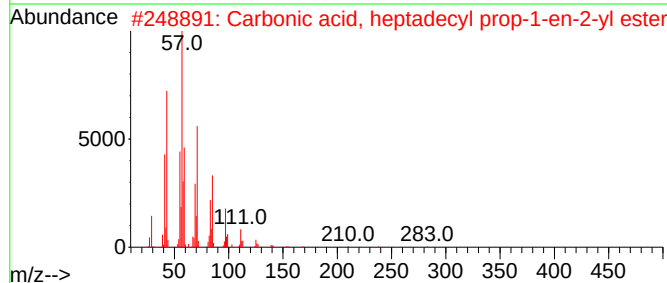
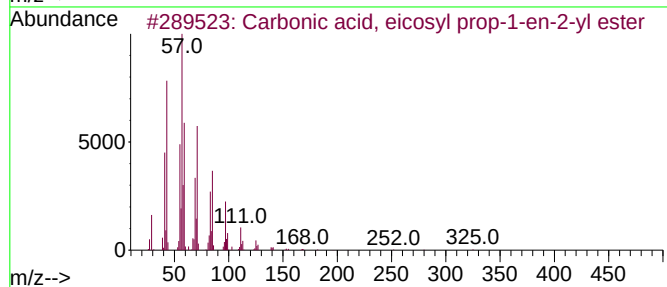
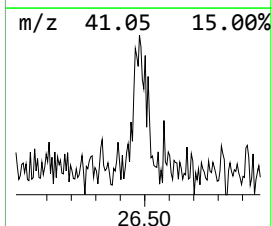
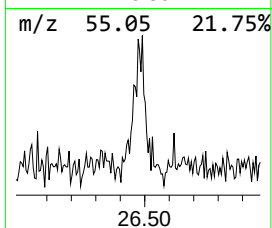
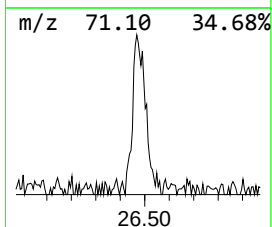
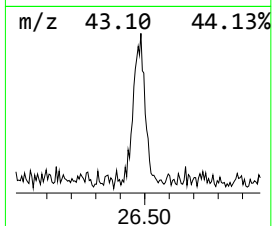
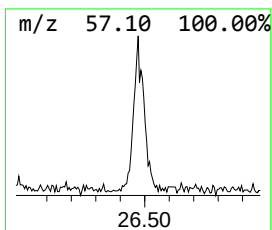
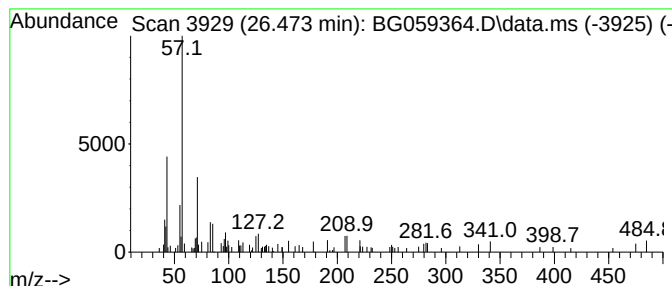
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.473	2.57 ng/ul	118074	Perylene-d12	25.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl prop-1-en...	382	C24H46O3	1000383-10-8	22
2			Carbonic acid, heptadecyl prop-1...	340	C21H40O3	1000382-90-2	22
3			Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	22
4			Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	22
5			Docosane, 1,22-dibromo-	466	C22H44Br2	034540-49-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
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Operator : MA/JU
Sample : 04607-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBHC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.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
Tetrachloroethy...	4.839	72.0	ng/u1	974780	1	8.230	270604	20.0
n-Hexadecanoic ...	18.429	4.2	ng/u1	161011	4	17.613	765294	20.0
Octadecanoic acid	19.693	2.9	ng/u1	111221	4	17.613	765294	20.0
unknown-01	26.473	2.6	ng/u1	118074	6	25.398	917936	20.0