

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
 Data File : BG059527.D
 Acq On : 28 Oct 2023 18:38
 Operator : MA/JU
 Sample : 04925-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GCCX6

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-BG102723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG059527.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.653	44	45	47	rBV2	9384	6389	0.57%	0.045%
2	3.882	81	84	85	rBV3	4666	4912	0.44%	0.034%
3	4.100	116	121	126	rBV3	17953	30086	2.68%	0.211%
4	4.235	142	144	145	rVB2	7253	4288	0.38%	0.030%
5	4.311	153	157	160	rBV2	16621	24347	2.17%	0.171%
6	4.429	173	177	179	rBV4	6381	8507	0.76%	0.060%
7	4.505	188	190	193	rVB2	5569	4684	0.42%	0.033%
8	4.540	193	196	198	rBV3	6444	6278	0.56%	0.044%
9	5.022	276	278	281	rBV2	5749	5631	0.50%	0.039%
10	5.228	310	313	316	rVB	6837	8169	0.73%	0.057%
11	5.310	325	327	328	rBV	6246	4821	0.43%	0.034%
12	5.369	333	337	343	rVV	26466	35963	3.20%	0.252%
13	5.563	368	370	374	rBV4	5162	4359	0.39%	0.031%
14	5.886	423	425	428	rBV2	2835	3605	0.32%	0.025%
15	6.268	489	490	492	rBV	6991	5889	0.52%	0.041%
16	6.297	492	495	497	rVV2	6712	9664	0.86%	0.068%
17	6.344	501	503	508	rVV4	4583	7763	0.69%	0.054%
18	6.420	515	516	519	rVB	5532	4278	0.38%	0.030%
19	6.456	519	522	525	rBV2	4729	7168	0.64%	0.050%
20	6.532	532	535	538	rBV	6239	6250	0.56%	0.044%
21	6.556	538	539	542	rVB	5887	4663	0.41%	0.033%
22	6.650	554	555	558	rBV2	5465	5184	0.46%	0.036%
23	6.685	558	561	562	rBV2	5775	3826	0.34%	0.027%
24	6.949	604	606	609	rBV2	4858	5936	0.53%	0.042%
25	6.979	609	611	615	rVV3	4481	5777	0.51%	0.040%
26	7.208	648	650	651	rBV2	5733	4771	0.42%	0.033%
27	7.314	665	668	671	rBV3	5299	5807	0.52%	0.041%
28	7.466	685	694	707	rBV2	201459	389277	34.64%	2.727%
29	7.678	724	730	738	rBV	144175	239460	21.31%	1.677%
30	7.760	740	744	748	rVB3	20748	31018	2.76%	0.217%
31	7.878	757	764	769	rBV	196555	355216	31.61%	2.488%
32	8.089	798	800	802	rBV	6294	4309	0.38%	0.030%
33	8.224	822	823	825	rVB	6232	3840	0.34%	0.027%
34	8.248	825	827	829	rBV	4378	4059	0.36%	0.028%
35	8.359	840	846	853	rVB3	225477	396691	35.30%	2.779%
36	9.035	955	961	970	rVB	265008	457103	40.68%	3.202%

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37	9.100	970	972	974	rBV2	7358	6284	0.56%	0.044%
38	9.123	974	976	979	rVB	6185	5289	0.47%	0.037%
39	9.205	981	990	998	rBV2	66949	130646	11.63%	0.915%
40	9.335	1008	1012	1014	rBV3	6006	6252	0.56%	0.044%

41	9.558	1043	1050	1061	rVB	175254	314260	27.97%	2.201%
42	9.670	1067	1069	1071	rVB3	6391	5776	0.51%	0.040%
43	9.769	1084	1086	1090	rBV2	4550	6239	0.56%	0.044%
44	9.816	1092	1094	1099	rVB2	3259	3777	0.34%	0.026%
45	9.887	1104	1106	1110	rVB4	5468	5201	0.46%	0.036%

46	9.922	1110	1112	1117	rVB3	5907	9833	0.88%	0.069%
47	9.981	1120	1122	1123	rBV3	6587	4845	0.43%	0.034%
48	10.169	1152	1154	1156	rBV	4826	5073	0.45%	0.036%
49	10.228	1160	1164	1165	rVV3	6117	6984	0.62%	0.049%
50	10.275	1166	1172	1179	rVV2	134181	241706	21.51%	1.693%

51	10.416	1194	1196	1199	rVB4	6210	5544	0.49%	0.039%
52	10.545	1215	1218	1222	rBV	5013	7094	0.63%	0.050%
53	10.804	1254	1262	1268	rBV2	242691	452218	40.24%	3.168%
54	10.880	1273	1275	1277	rBV2	5670	4679	0.42%	0.033%
55	11.021	1297	1299	1302	rVB2	5222	4532	0.40%	0.032%

56	11.056	1302	1305	1308	rBV2	5927	8158	0.73%	0.057%
57	11.209	1325	1331	1339	rBV	351808	628013	55.89%	4.399%
58	11.291	1343	1345	1348	rVB	5368	4580	0.41%	0.032%
59	11.350	1348	1355	1364	rBV	143585	290646	25.87%	2.036%
60	11.890	1445	1447	1448	rBV2	7068	4454	0.40%	0.031%

61	11.961	1458	1459	1462	rBV2	4535	4397	0.39%	0.031%
62	11.990	1462	1464	1465	rBV	8829	8929	0.79%	0.063%
63	12.120	1485	1486	1488	rBV	5991	4063	0.36%	0.028%
64	12.384	1528	1531	1535	rVB3	3748	6063	0.54%	0.042%
65	12.413	1535	1536	1539	rBV	5397	5401	0.48%	0.038%

66	12.519	1550	1554	1555	rBV	4255	5589	0.50%	0.039%
67	12.549	1558	1559	1561	rBV	7281	4817	0.43%	0.034%
68	12.648	1573	1576	1577	rBV2	6772	6132	0.55%	0.043%
69	12.666	1577	1579	1580	rBV2	5751	3903	0.35%	0.027%
70	12.754	1591	1594	1595	rBV3	5497	5475	0.49%	0.038%

71	12.842	1607	1609	1610	rBV3	5598	5022	0.45%	0.035%
72	13.154	1661	1662	1667	rBV2	4521	5649	0.50%	0.040%
73	13.318	1686	1690	1693	rBV3	9366	11093	0.99%	0.078%
74	13.406	1703	1705	1707	rBV2	4810	5210	0.46%	0.036%
75	13.442	1709	1711	1712	rVB	6158	3697	0.33%	0.026%

76	13.459	1712	1714	1716	rBV	6699	5908	0.53%	0.041%
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 Title : SVOA CALIBRATION

77	13.494	1718	1720	1724	rBV	3863	5873	0.52%	0.041%
78	13.824	1772	1776	1783	rVB4	30932	48619	4.33%	0.341%
79	14.158	1832	1833	1838	rVB5	4914	5211	0.46%	0.037%
80	14.282	1850	1854	1858	rBV5	36098	51525	4.59%	0.361%
81	14.382	1866	1871	1880	rVB	487579	690268	61.43%	4.835%
82	14.576	1901	1904	1907	rBV3	7025	8842	0.79%	0.062%
83	14.693	1917	1924	1930	rBV	536354	852126	75.83%	5.969%
84	14.863	1951	1953	1957	rBV2	5296	5793	0.52%	0.041%
85	14.987	1967	1974	1981	rBV	535875	851337	75.76%	5.964%
86	15.093	1990	1992	1994	rBV2	5581	6224	0.55%	0.044%
87	15.145	1995	2001	2007	rVV3	224373	346476	30.83%	2.427%
88	15.339	2029	2034	2038	rVB5	21989	39554	3.52%	0.277%
89	15.698	2091	2095	2100	rVB	75036	103435	9.21%	0.725%
90	15.974	2136	2142	2148	rBV	666646	1001218	89.10%	7.014%
91	16.074	2154	2159	2165	rVB2	148203	206445	18.37%	1.446%
92	17.560	2409	2412	2417	rVB5	61208	80799	7.19%	0.566%
93	17.737	2437	2442	2450	rVB	630593	997740	88.79%	6.989%
94	17.836	2454	2459	2465	rVB	673398	1021598	90.92%	7.156%
95	18.512	2570	2574	2579	rBV	230032	298077	26.53%	2.088%
96	18.565	2579	2583	2589	rVV2	489065	665379	59.21%	4.661%
97	19.828	2794	2798	2805	rBV5	153334	223336	19.88%	1.565%
98	20.110	2841	2846	2852	rVB	791913	1123679	100.00%	7.872%
99	21.632	3102	3105	3112	rVB2	248998	331311	29.48%	2.321%
100	22.073	3176	3180	3187	rVB	547523	946875	84.27%	6.633%

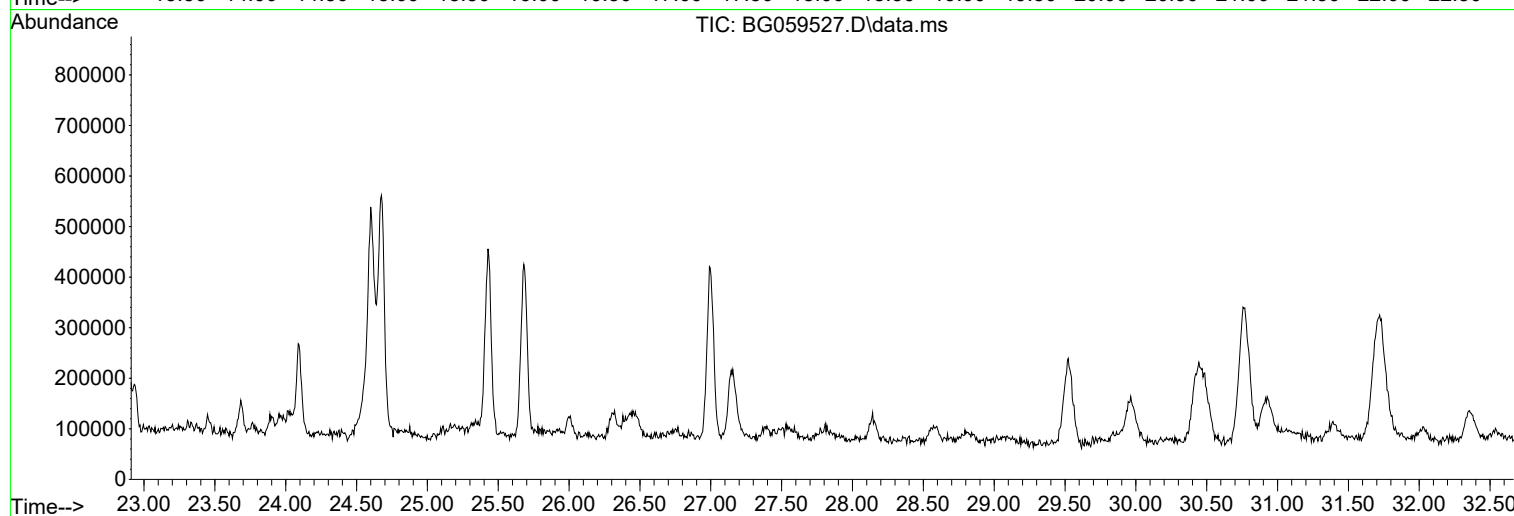
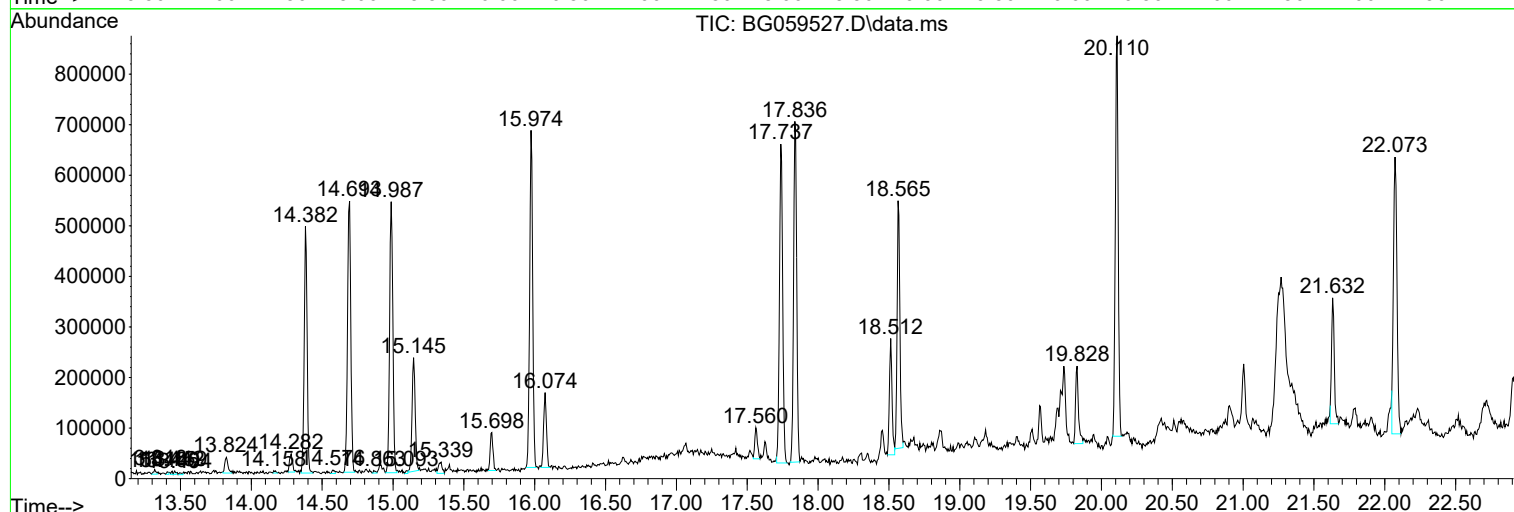
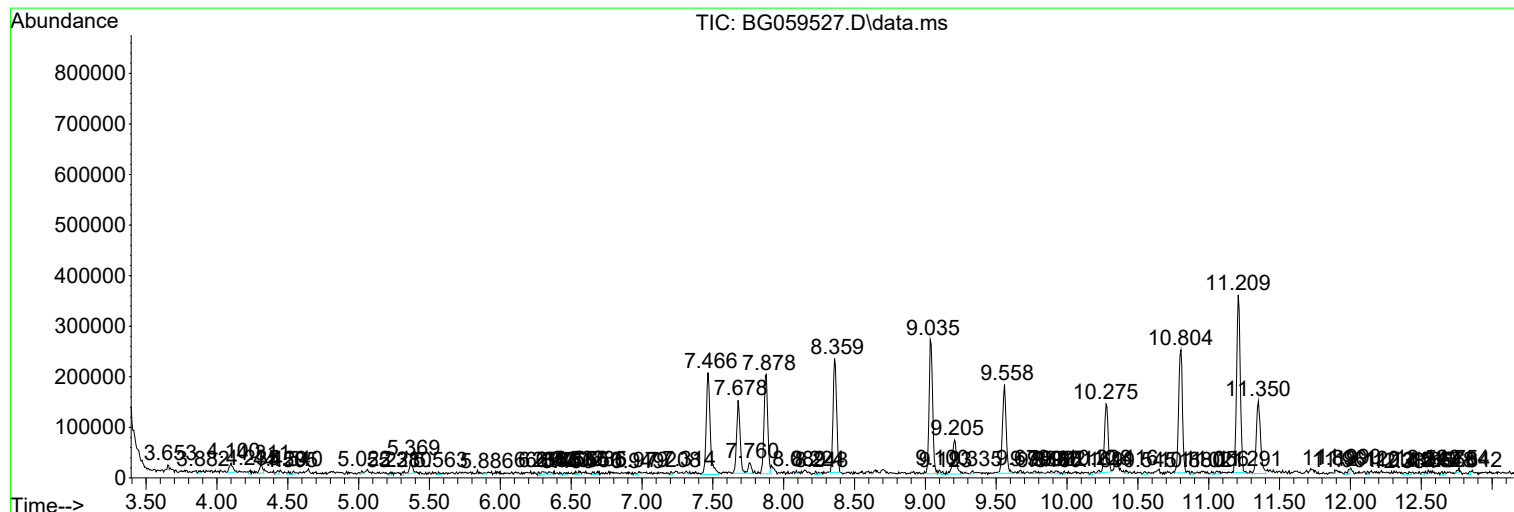
Sum of corrected areas: 14275159

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

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



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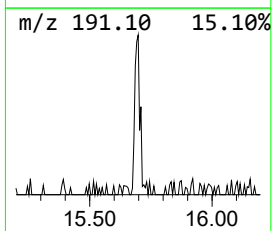
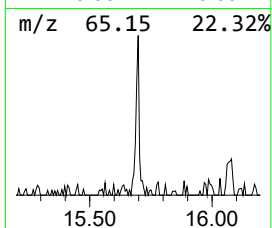
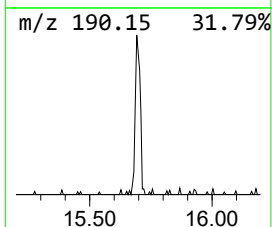
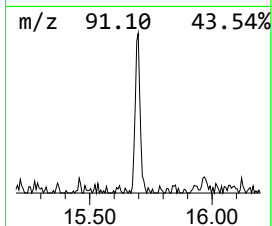
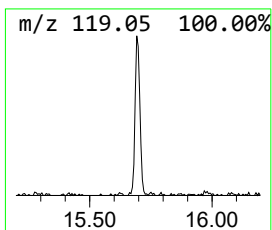
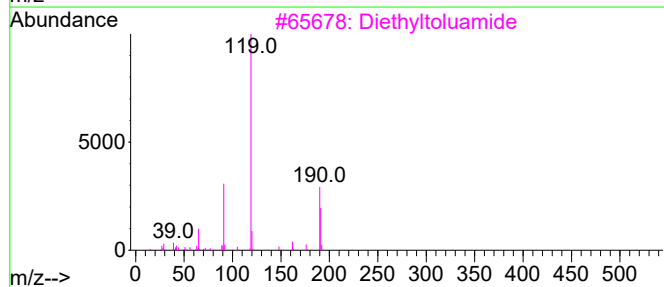
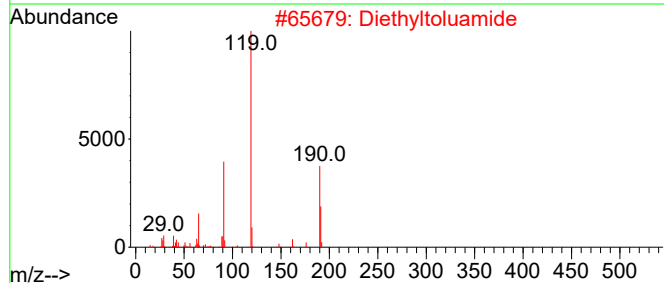
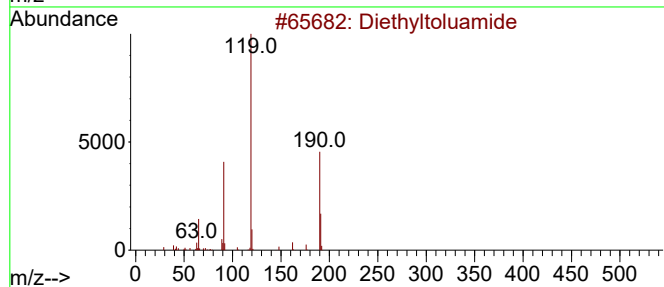
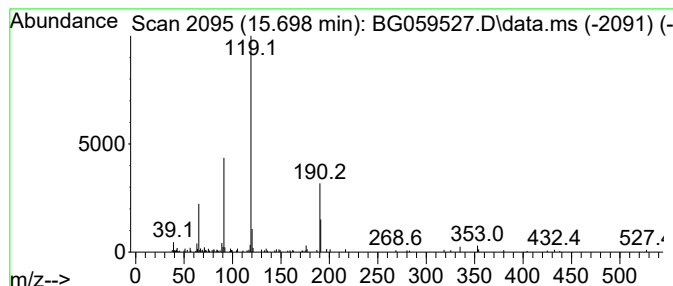
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Diethyltoluamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	2.43 ng/ul	103435	Acenaphthene-d10	14.987

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	87
2			Diethyltoluamide	191	C12H17NO	000134-62-3	87
3			Diethyltoluamide	191	C12H17NO	000134-62-3	81
4			Diethyltoluamide	191	C12H17NO	000134-62-3	80
5			Diethyltoluamide	191	C12H17NO	000134-62-3	80



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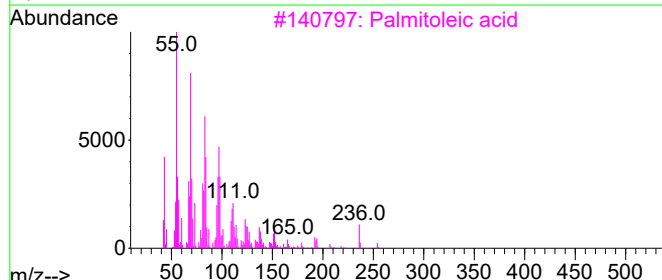
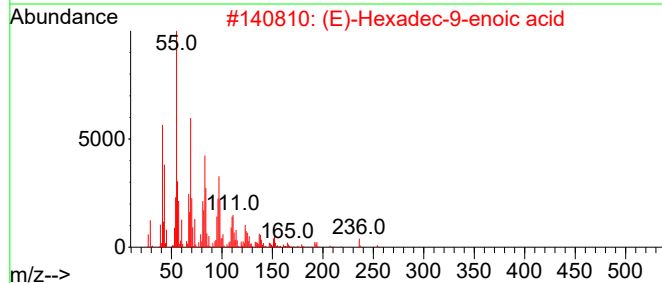
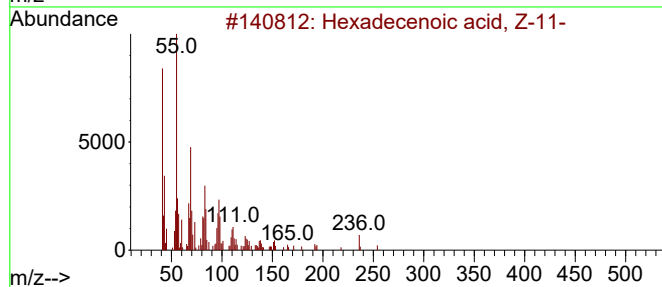
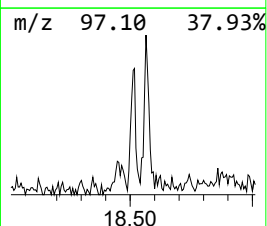
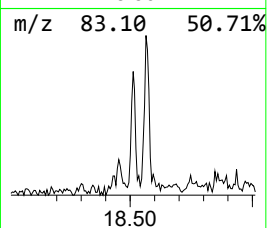
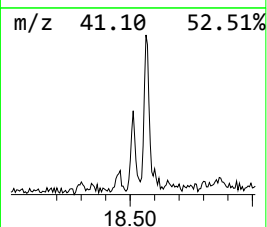
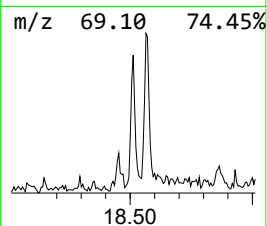
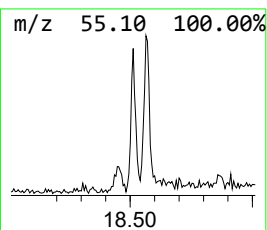
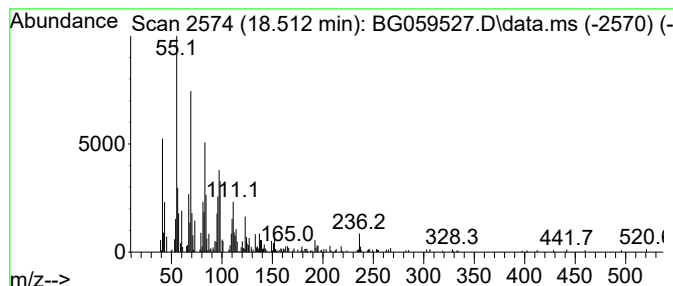
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Hexadecenoic acid, Z-11- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.512	5.98 ng/ul	298077	Phenanthrene-d10	17.737

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	94
2			(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	90
3			Palmitoleic acid	254	C16H30O2	000373-49-9	87
4			6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	74
5			cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	70



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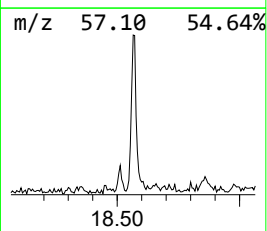
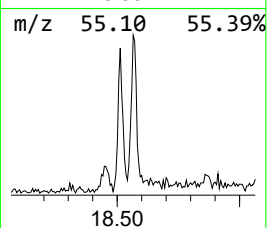
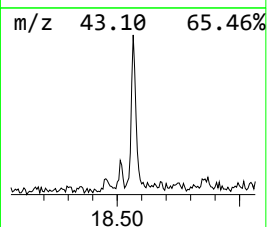
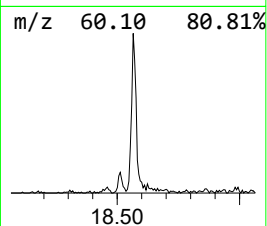
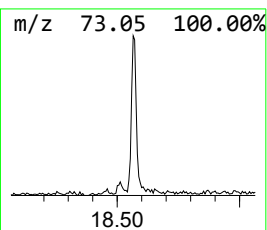
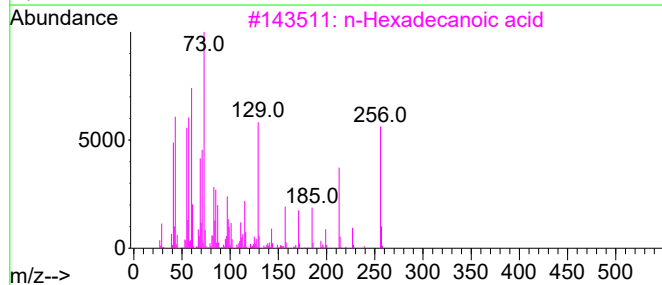
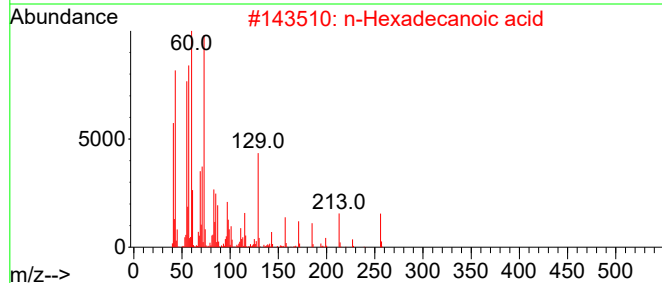
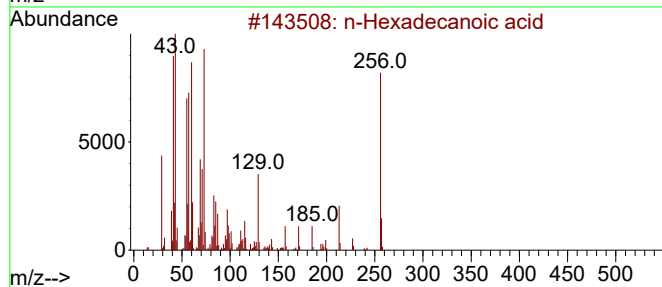
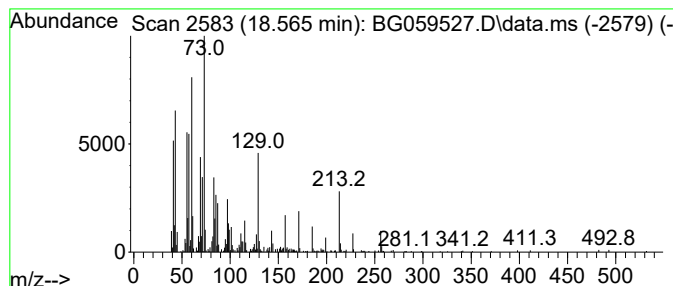
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.565	13.34 ng/ul	665379	Phenanthrene-d10	17.737

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059527.D
Acq On : 28 Oct 2023 18:38
Operator : MA/JU
Sample : 04925-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCX6

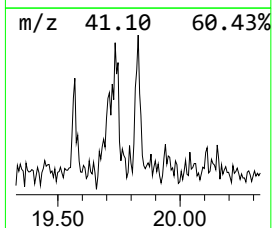
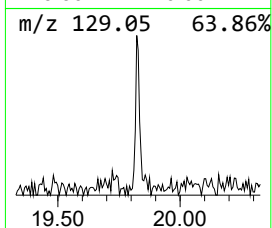
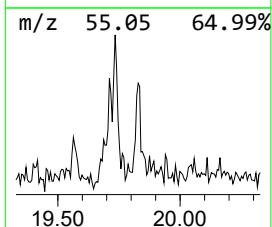
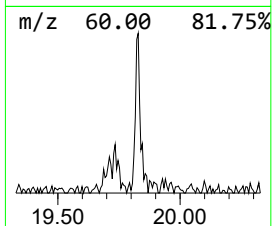
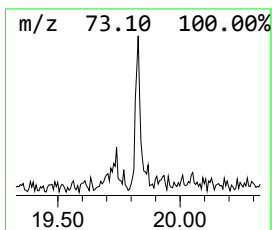
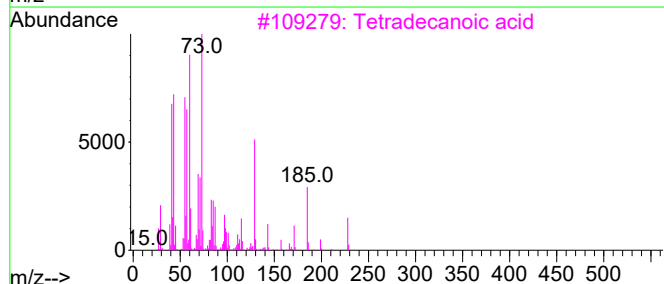
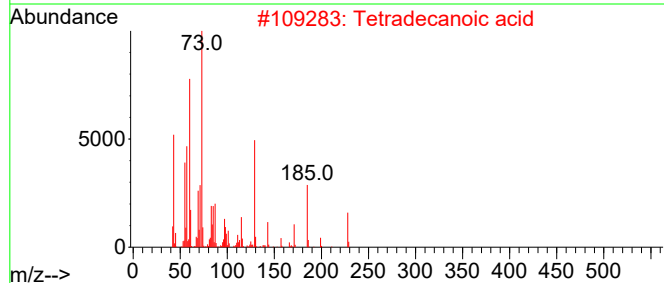
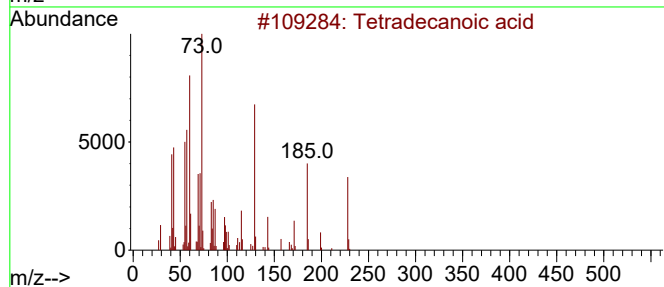
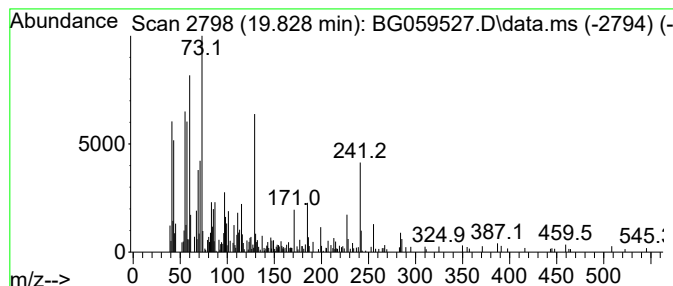
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.828	4.48 ng/ul	223336	Phenanthrene-d10	17.737

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Octadecanoic acid	284	C18H36O2	000057-11-4	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059527.D
Acq On : 28 Oct 2023 18:38
Operator : MA/JU
Sample : 04925-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCX6

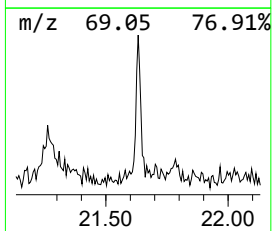
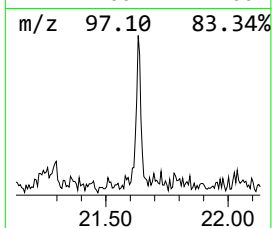
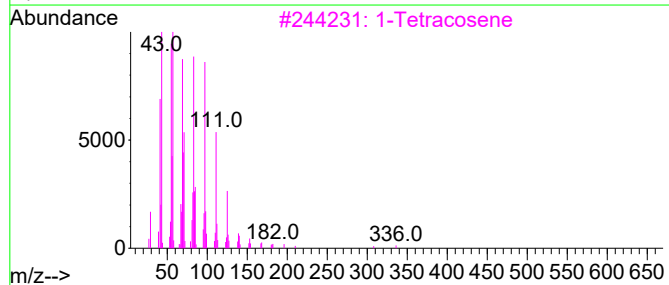
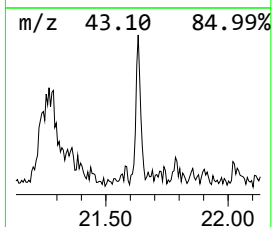
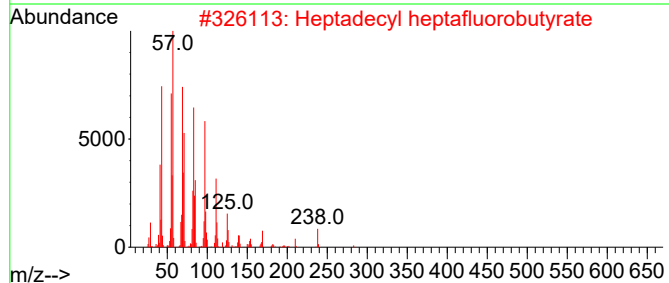
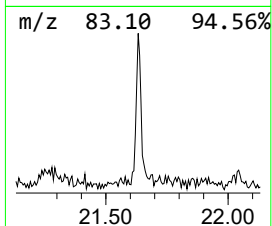
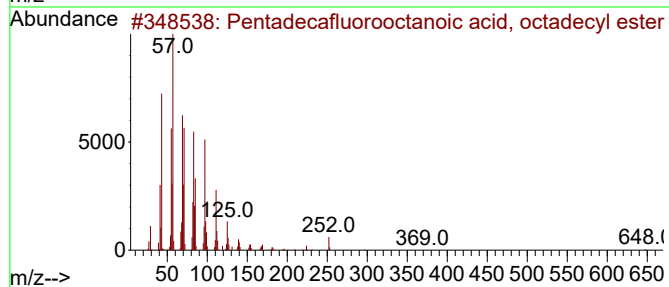
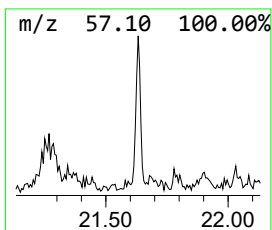
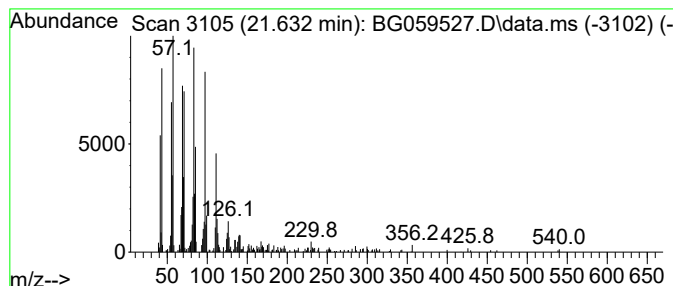
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.632	7.00 ng/ul	331311	Chrysene-d12	22.073

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3			1-Tetracosene	336	C24H48	010192-32-2	83
4			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	80
5			1-Octadecene	252	C18H36	000112-88-9	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
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Sample : 04925-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCX6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.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
Diethyltoluamide	15.698	2.4	ng/ul	103435	3	14.987	851337	20.0
Hexadecenoic ac...	18.512	6.0	ng/ul	298077	4	17.737	997740	20.0
n-Hexadecanoic ...	18.565	13.3	ng/ul	665379	4	17.737	997740	20.0
Tetradecanoic acid	19.828	4.5	ng/ul	223336	4	17.737	997740	20.0
Pentadecafluoro...	21.632	7.0	ng/ul	331311	5	22.073	946875	20.0