

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
 Data File : BG063317.D
 Acq On : 12 Nov 2024 9:34
 Operator : RC/JU
 Sample : P4714-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ3

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-BG110624.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG063317.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.294	32	35	45	rVV5	24039	40732	0.76%	0.073%
2	3.705	101	105	113	rBV	150704	236330	4.42%	0.422%
3	4.052	159	164	167	rVB5	9979	14272	0.27%	0.025%
4	4.539	242	247	252	rBV5	14129	22703	0.42%	0.040%
5	7.007	659	667	674	rVV2	212367	360576	6.75%	0.643%
6	7.166	687	694	701	rBV	387332	639704	11.97%	1.141%
7	7.365	721	728	736	rBV	500643	873564	16.35%	1.558%
8	7.465	739	745	750	rBV3	19960	31019	0.58%	0.055%
9	7.577	759	764	767	rVV7	11413	22470	0.42%	0.040%
10	7.835	801	808	814	rBV	500373	818387	15.31%	1.460%
11	7.894	814	818	824	rVB3	21778	42089	0.79%	0.075%
12	8.540	921	928	936	rBV	621855	1027959	19.24%	1.834%
13	8.987	997	1004	1011	rVV	563002	963931	18.04%	1.720%
14	9.063	1014	1017	1022	rVB5	15537	18694	0.35%	0.033%
15	9.710	1120	1127	1139	rVB	544738	973436	18.22%	1.737%
16	10.250	1210	1219	1227	rBV	931683	1666827	31.19%	2.973%
17	10.620	1274	1282	1291	rBV	786595	1412827	26.44%	2.520%
18	10.761	1295	1306	1318	rBV	640512	1257207	23.53%	2.243%
19	11.273	1387	1393	1397	rVV3	53732	116030	2.17%	0.207%
20	11.331	1398	1403	1409	rVB2	70659	128755	2.41%	0.230%
21	11.872	1487	1495	1500	rVV2	30568	60261	1.13%	0.107%
22	12.119	1531	1537	1543	rBV3	21292	40269	0.75%	0.072%
23	12.213	1548	1553	1554	rBV3	17751	21097	0.39%	0.038%
24	12.653	1623	1628	1632	rBV7	13667	24290	0.45%	0.043%
25	12.706	1635	1637	1641	rVV5	14301	18266	0.34%	0.033%
26	12.982	1678	1684	1688	rVB8	12382	26737	0.50%	0.048%
27	13.082	1697	1701	1705	rVB5	8706	14900	0.28%	0.027%
28	13.311	1736	1740	1744	rVV4	12643	17833	0.33%	0.032%
29	13.364	1744	1749	1754	rBV2	55445	91866	1.72%	0.164%
30	13.805	1820	1824	1826	rVV4	24409	38118	0.71%	0.068%
31	13.875	1830	1836	1842	rVV	1777938	2590334	48.47%	4.621%
32	13.922	1842	1844	1847	rVV2	58824	70827	1.33%	0.126%
33	14.010	1850	1859	1862	rVB5	53332	134067	2.51%	0.239%
34	14.163	1876	1885	1892	rVV	1785929	2854877	53.42%	5.093%
35	14.328	1908	1913	1917	rVV8	29588	51995	0.97%	0.093%
36	14.375	1917	1921	1924	rVV6	10535	13851	0.26%	0.025%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Title : SVOA CALIBRATION

37	14.469	1927	1937	1947	rVV	1442971	2335088	43.70%	4.166%
38	14.674	1965	1972	1987	rBV2	454271	1102906	20.64%	1.967%
39	14.786	1987	1991	1993	rVV5	27621	35471	0.66%	0.063%
40	14.827	1993	1998	2004	rVV7	27894	50804	0.95%	0.091%
41	14.892	2004	2009	2013	rVV8	16448	31036	0.58%	0.055%
42	14.998	2023	2027	2033	rBV2	38478	56232	1.05%	0.100%
43	15.133	2045	2050	2055	rVV6	52002	79518	1.49%	0.142%
44	15.215	2058	2064	2069	rVV	415252	592386	11.09%	1.057%
45	15.291	2071	2077	2082	rVV	210217	275781	5.16%	0.492%
46	15.468	2100	2107	2116	rBV	2662184	3898654	72.95%	6.955%
47	15.591	2121	2128	2133	rBV	863517	1256614	23.51%	2.242%
48	15.638	2133	2136	2139	rVV4	53959	88014	1.65%	0.157%
49	15.679	2139	2143	2155	rVB	200966	339414	6.35%	0.605%
50	15.832	2163	2169	2176	rBV	209433	309405	5.79%	0.552%
51	15.979	2188	2194	2198	rBV5	32056	62667	1.17%	0.112%
52	16.155	2220	2224	2229	rBV4	35580	63988	1.20%	0.114%
53	16.214	2229	2234	2238	rVB4	36277	64701	1.21%	0.115%
54	16.249	2238	2240	2244	rVB5	22633	28662	0.54%	0.051%
55	16.302	2244	2249	2251	rBV5	29337	44706	0.84%	0.080%
56	16.402	2262	2266	2271	rBV7	14701	32140	0.60%	0.057%
57	16.496	2275	2282	2284	rBV8	23782	51549	0.96%	0.092%
58	16.555	2289	2292	2295	rBV5	13362	22920	0.43%	0.041%
59	16.760	2322	2327	2333	rBV10	23051	49512	0.93%	0.088%
60	16.813	2334	2336	2340	rVB5	25350	29749	0.56%	0.053%
61	16.901	2348	2351	2357	rVB8	21721	28385	0.53%	0.051%
62	16.989	2359	2366	2367	rBV7	29988	51016	0.95%	0.091%
63	17.025	2368	2372	2378	rVV5	47116	77624	1.45%	0.138%
64	17.224	2395	2406	2415	rBV	1892232	2879277	53.88%	5.136%
65	17.324	2416	2423	2433	rVB	3048090	4462120	83.50%	7.960%
66	17.506	2448	2454	2464	rBV	318498	492422	9.21%	0.878%
67	17.583	2464	2467	2477	rVB8	27205	56437	1.06%	0.101%
68	17.718	2486	2490	2494	rBV7	15198	28909	0.54%	0.052%
69	17.894	2515	2520	2524	rVB4	110299	154734	2.90%	0.276%
70	17.994	2533	2537	2538	rVV4	11190	13342	0.25%	0.024%
71	18.123	2555	2559	2568	rVV6	91809	165688	3.10%	0.296%
72	18.188	2568	2570	2575	rVB2	26504	26533	0.50%	0.047%
73	18.352	2592	2598	2602	rBV3	49696	77927	1.46%	0.139%
74	18.452	2610	2615	2626	rVB	277051	465411	8.71%	0.830%
75	18.599	2638	2640	2645	rVB6	22088	34687	0.65%	0.062%
76	18.846	2680	2682	2684	rBV3	13994	13800	0.26%	0.025%

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77	19.011	2707	2710	2715	rVB7	30332	43173	0.81%	0.077%
78	19.093	2720	2724	2729	rVB	89013	118436	2.22%	0.211%
79	19.181	2733	2739	2746	rBV7	67484	156279	2.92%	0.279%
80	19.257	2749	2752	2755	rVB2	37736	42142	0.79%	0.075%
81	19.410	2774	2778	2781	rBV6	32214	50791	0.95%	0.091%
82	19.498	2790	2793	2798	rBV2	39412	59851	1.12%	0.107%
83	19.622	2808	2814	2821	rBV	3820108	5344030	100.00%	9.533%
84	19.716	2827	2830	2832	rBV4	22834	28641	0.54%	0.051%
85	20.291	2926	2928	2932	rVB3	35659	40474	0.76%	0.072%
86	21.143	3070	3073	3083	rVB2	150414	255027	4.77%	0.455%
87	21.478	3123	3130	3139	rVB	1981835	3113621	58.26%	5.554%
88	21.590	3147	3149	3158	rVB3	61107	93098	1.74%	0.166%
89	22.236	3257	3259	3261	rBV3	26186	27137	0.51%	0.048%
90	23.070	3396	3401	3414	rVB4	140852	316078	5.91%	0.564%
91	23.640	3494	3498	3504	rVB5	59651	105959	1.98%	0.189%
92	24.310	3602	3612	3623	rVB	2036874	5274005	98.69%	9.408%
93	24.516	3636	3647	3660	rBV	1293721	3391640	63.47%	6.050%
94	25.662	3840	3842	3843	rBV2	20054	15650	0.29%	0.028%
95	25.685	3844	3846	3850	rVV5	23593	33773	0.63%	0.060%
96	26.320	3952	3954	3957	rBV4	15267	17929	0.34%	0.032%
97	27.718	4190	4192	4194	rBV3	15611	15402	0.29%	0.027%
98	28.288	4285	4289	4290	rBV4	28089	31663	0.59%	0.056%
99	28.423	4310	4312	4317	rVB6	15195	22661	0.42%	0.040%
100	30.679	4682	4696	4708	rVB5	171094	792119	14.82%	1.413%

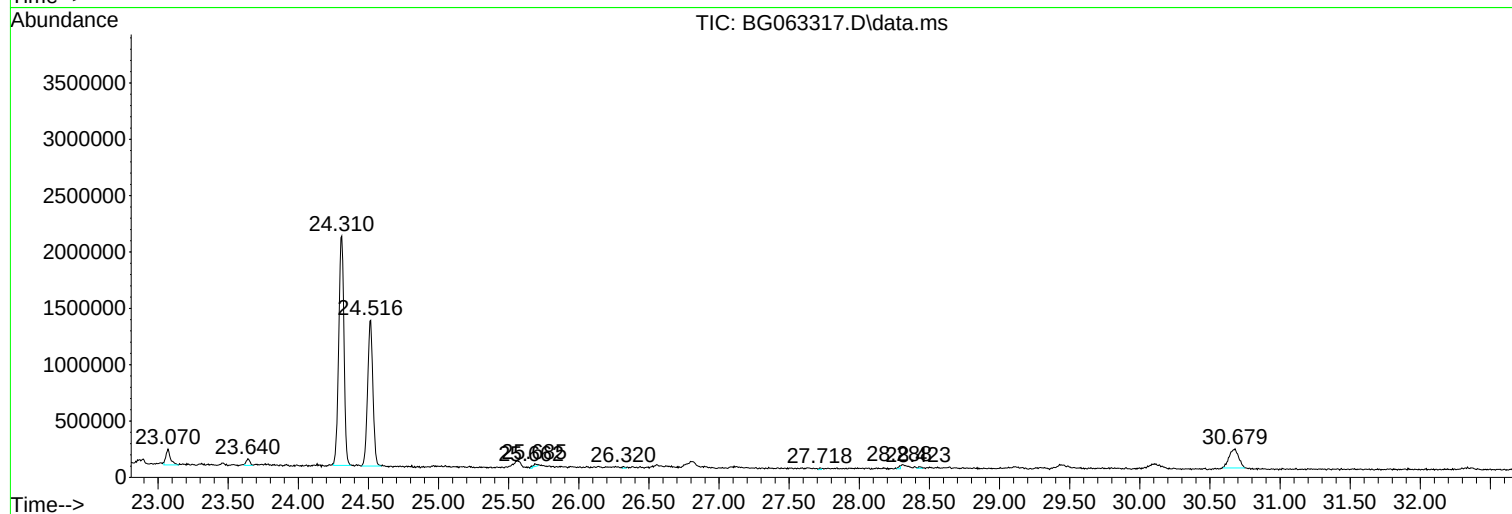
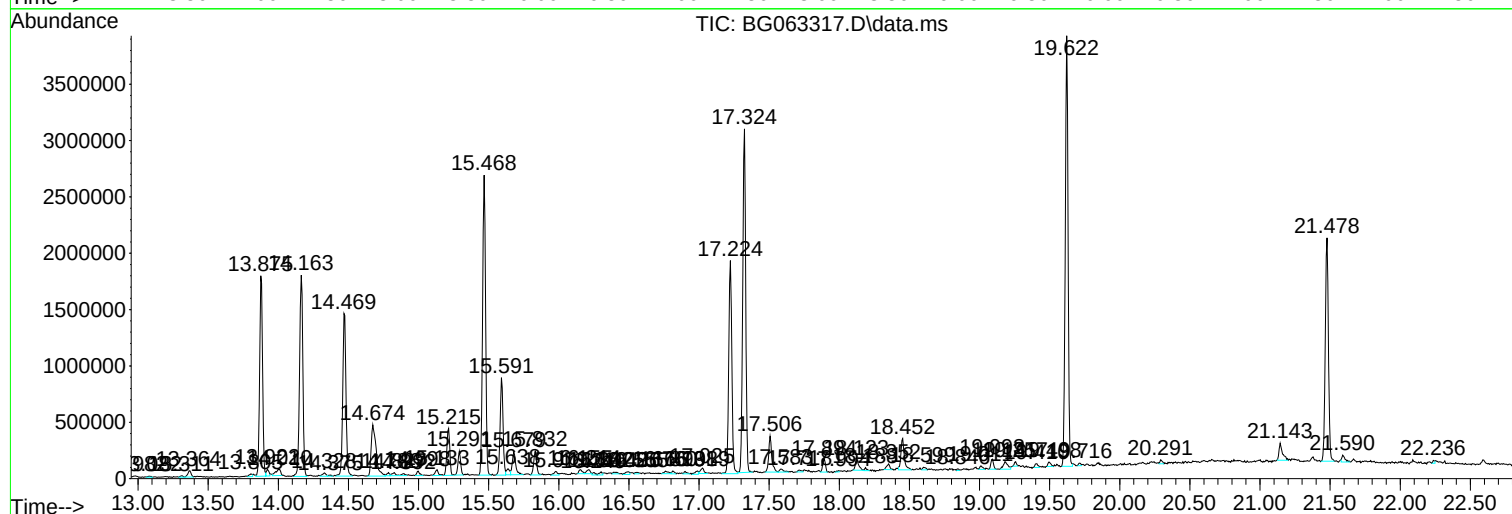
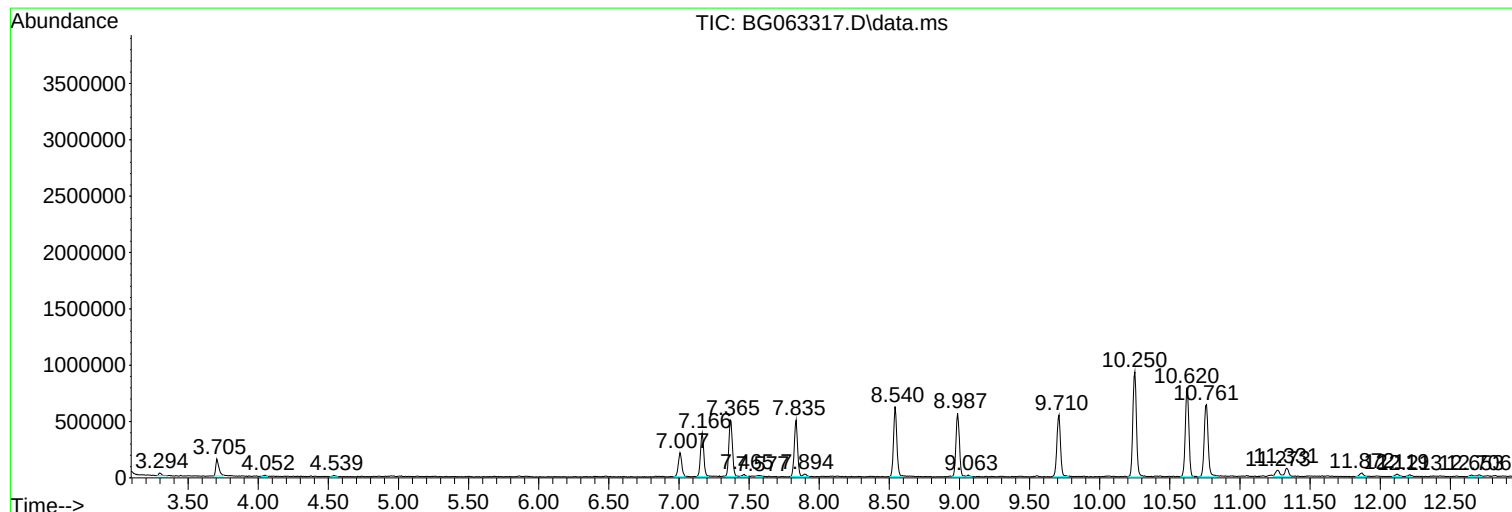
Sum of corrected areas: 56056908

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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



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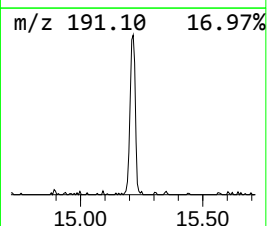
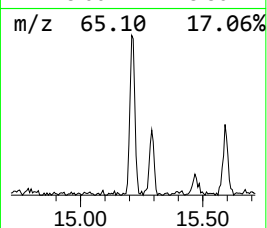
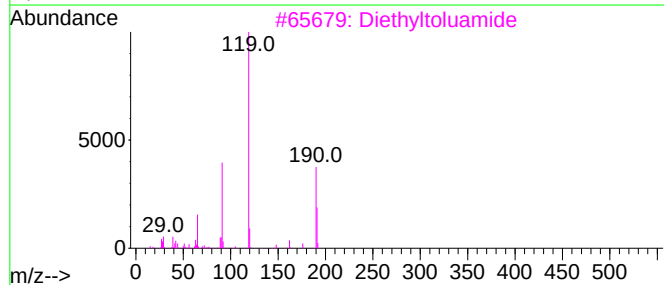
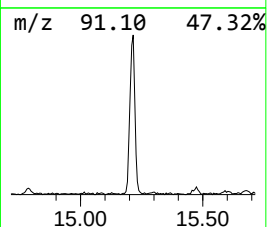
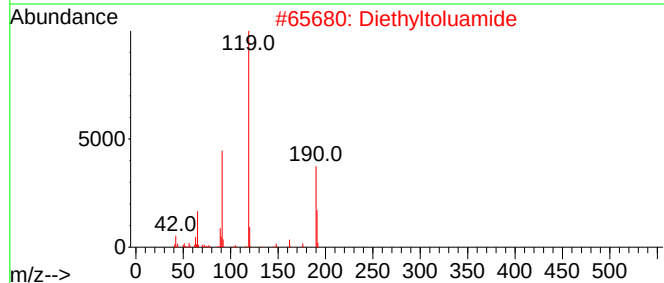
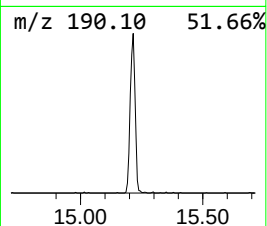
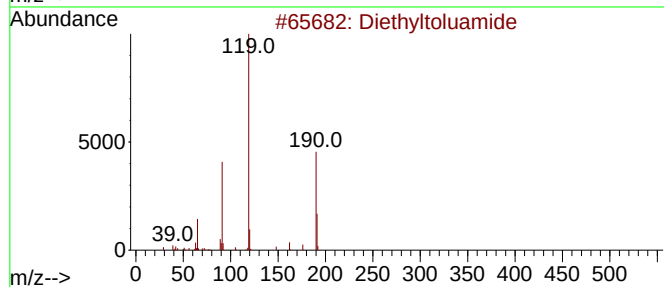
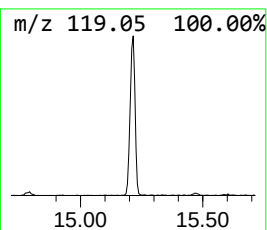
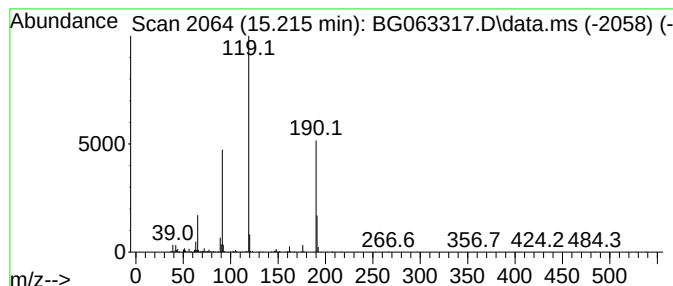
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.215	5.07 ng/ul	592386	Acenaphthene-d10	14.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	95
2			Diethyltoluamide	191	C12H17NO	000134-62-3	95
3			Diethyltoluamide	191	C12H17NO	000134-62-3	90
4			Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
5			Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76



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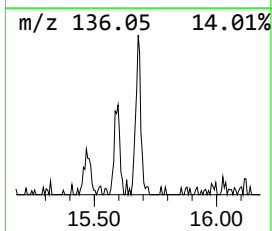
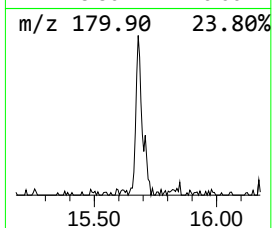
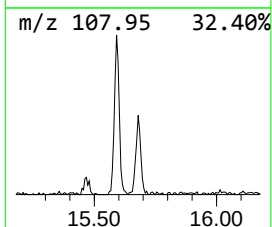
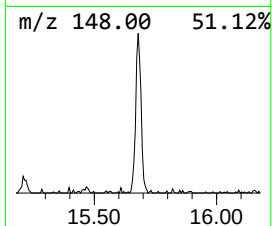
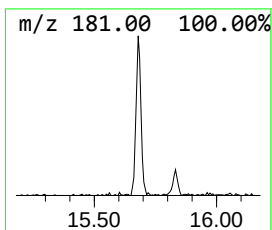
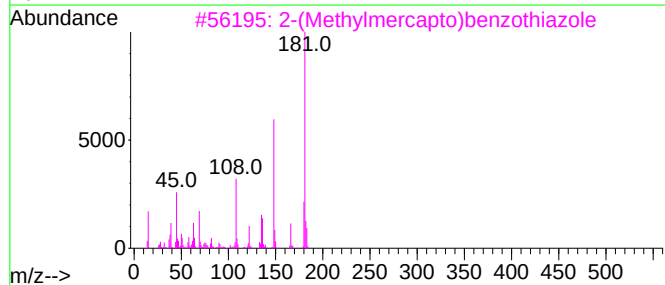
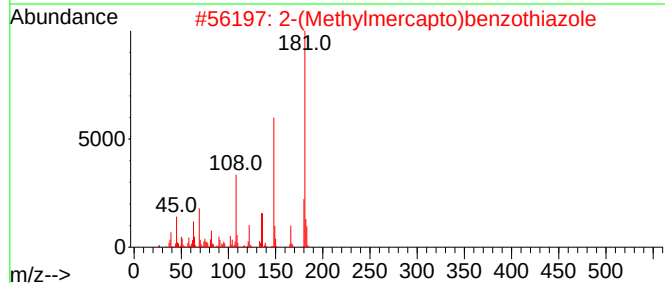
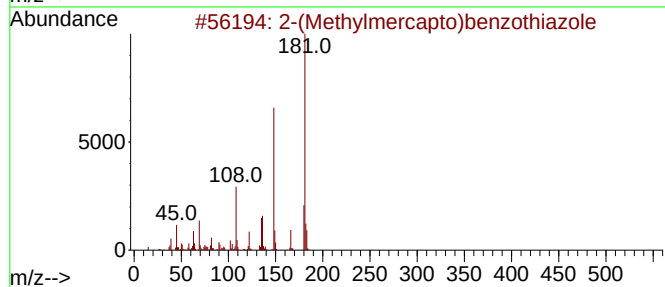
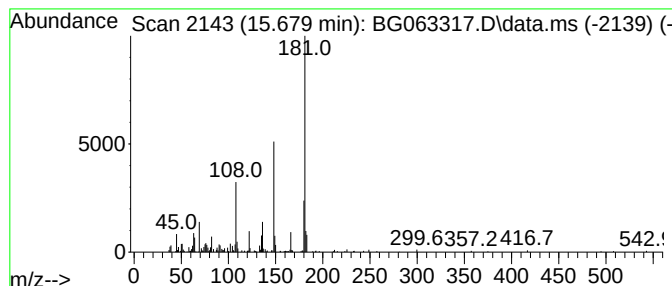
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-(Methylmercapto)benzothia... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.679	2.91 ng/ul	339414	Acenaphthene-d10	14.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(Methylmercapto)benzothiazole	181	C8H7NS2	000615-22-5	95
2			2-(Methylmercapto)benzothiazole	181	C8H7NS2	000615-22-5	95
3			2-(Methylmercapto)benzothiazole	181	C8H7NS2	000615-22-5	95
4			2-(Methylmercapto)benzothiazole	181	C8H7NS2	000615-22-5	90
5			3-(Methylthio)phenyl isothiocyanate	181	C8H7NS2	051333-80-3	83



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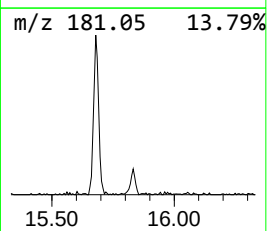
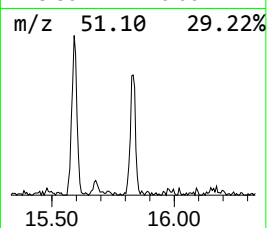
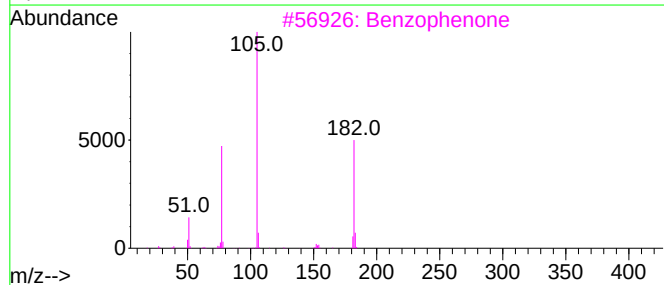
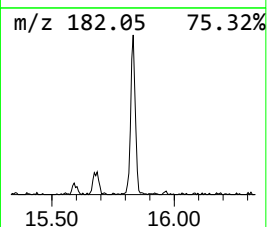
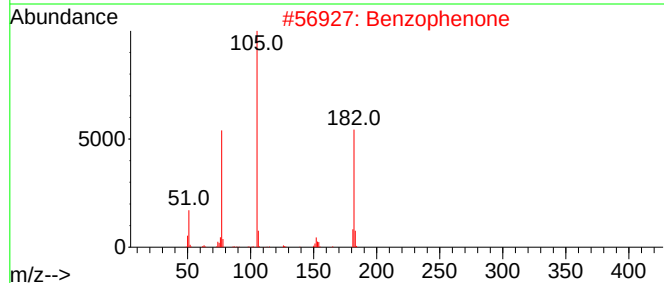
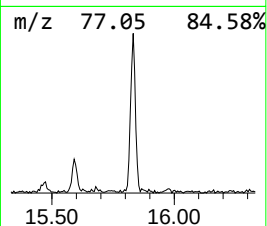
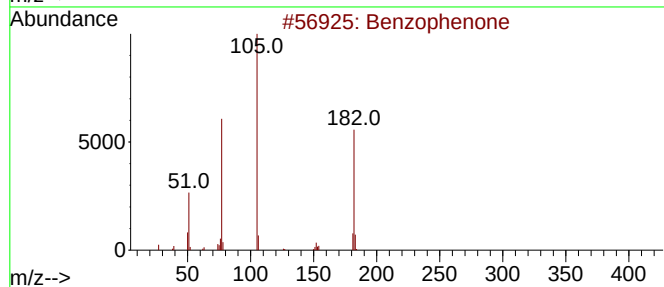
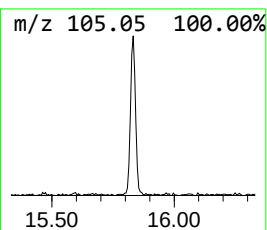
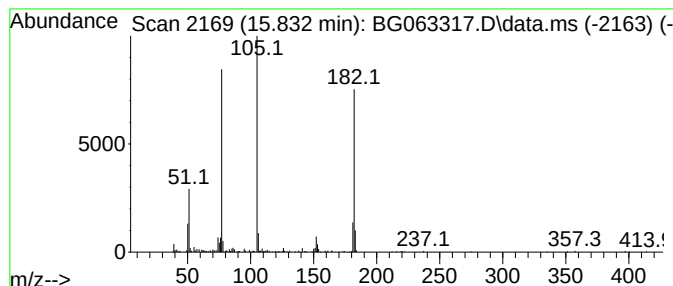
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.832	2.65 ng/ul	309405	Acenaphthene-d10	14.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzophenone	182	C13H10O	000119-61-9	93
3			Benzophenone	182	C13H10O	000119-61-9	90
4			Benzophenone	182	C13H10O	000119-61-9	81
5			Azobenzene	182	C12H10N2	000103-33-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063317.D
Acq On : 12 Nov 2024 9:34
Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ3

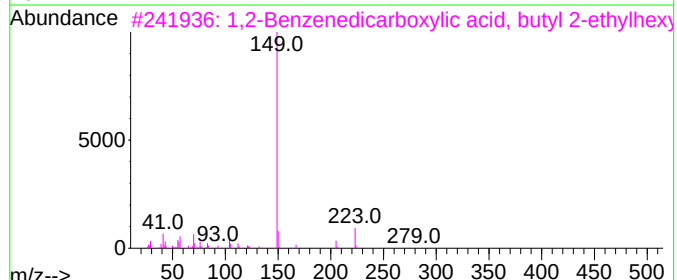
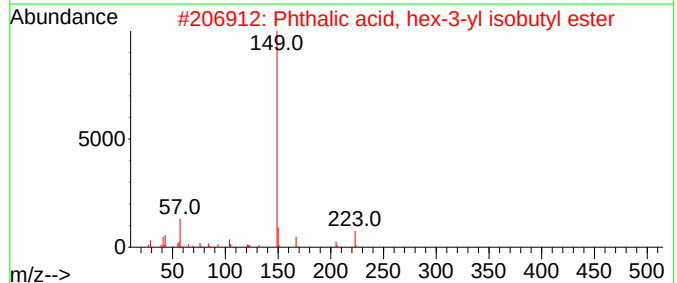
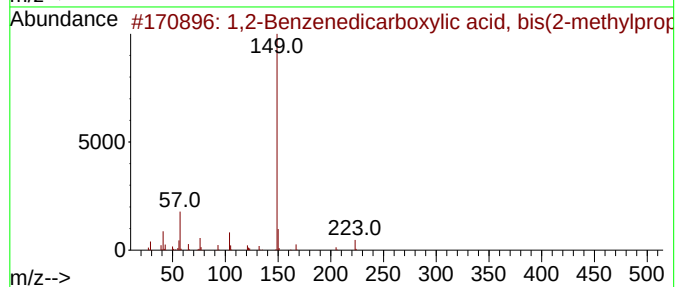
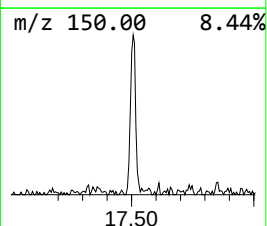
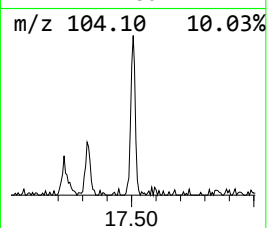
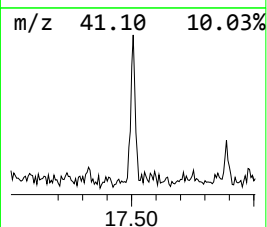
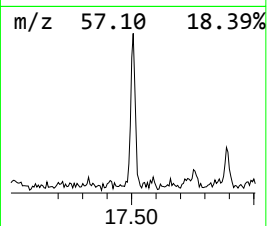
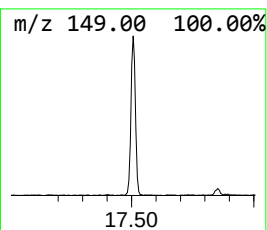
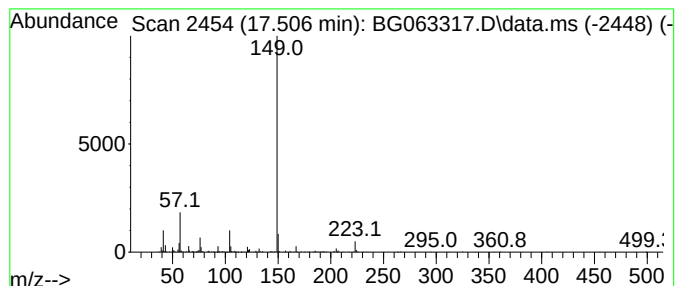
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,2-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.506	3.42 ng/ul	492422	Phenanthrene-d10	17.224

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	91
2			Phthalic acid, hex-3-yl isobutyl...	306	C18H26O4	1000356-95-4	78
3			1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	78
4			Phthalic acid, 3-ethylphenyl iso...	326	C20H22O4	1000357-07-7	72
5			Phthalic acid, 3,5-difluoropheny...	376	C21H22F2O4	1010314-96-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063317.D
Acq On : 12 Nov 2024 9:34
Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ3

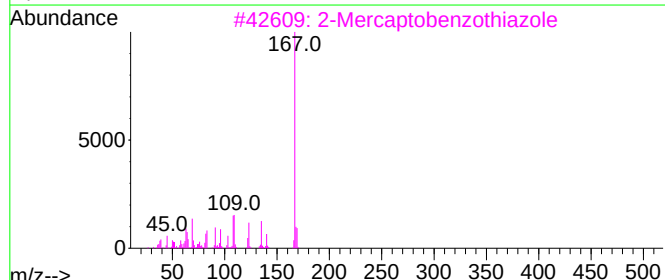
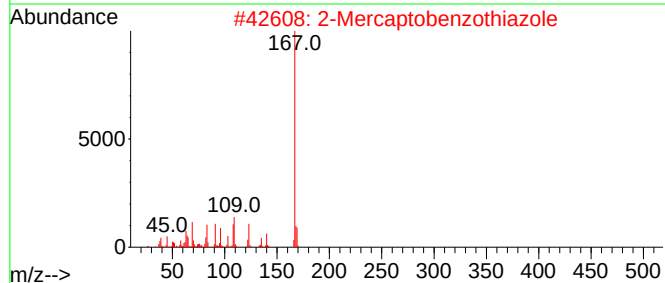
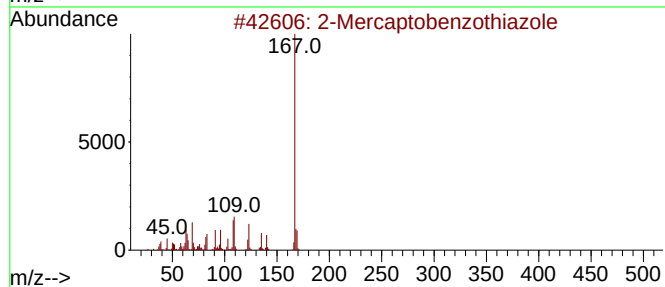
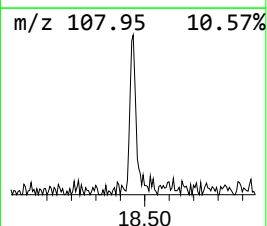
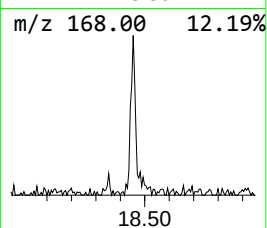
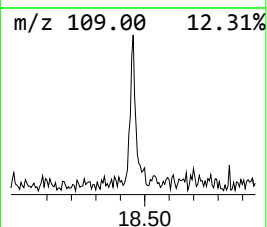
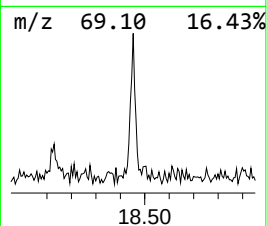
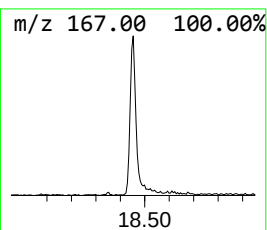
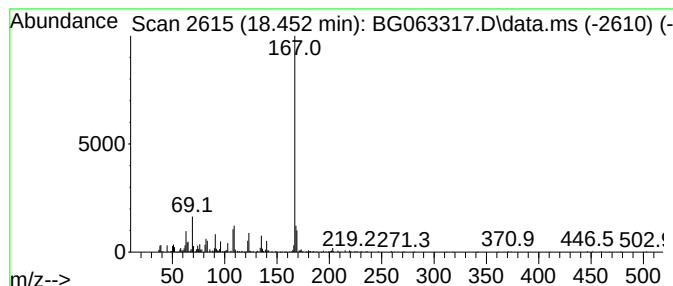
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 2-Mercaptobenzothiazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.452	3.23 ng/ul	465411	Phenanthrene-d10	17.224

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	93
2			2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	93
3			2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	87
4			2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	87
5			Thioguanine	167	C5H5NS5	000154-42-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063317.D
Acq On : 12 Nov 2024 9:34
Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.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	15.215	5.1	ng/ul	592386	3	14.475	2335090	20.0
2-(Methylmercap...	15.679	2.9	ng/ul	339414	3	14.475	2335090	20.0
Benzophenone	15.832	2.6	ng/ul	309405	3	14.475	2335090	20.0
1,2-Benzenedica...	17.506	3.4	ng/ul	492422	4	17.224	2879280	20.0
2-Mercaptobenzo...	18.452	3.2	ng/ul	465411	4	17.224	2879280	20.0