

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
 Data File : BG064388.D
 Acq On : 16 Sep 2025 16:45
 Operator : RC/JU
 Sample : Q3084-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PMW-8S(20250909)

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-BG091125.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG064388.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.312	36	38	41	rBV3	4350	5279	0.54%	0.059%
2	3.347	41	44	50	rVV2	15711	19720	2.02%	0.219%
3	3.717	103	107	116	rBV	31009	50166	5.14%	0.557%
4	4.446	229	231	236	rVB3	1971	2422	0.25%	0.027%
5	5.175	349	355	365	rBV	39058	62811	6.43%	0.697%
6	6.549	586	589	593	rBV2	4445	5505	0.56%	0.061%
7	7.008	661	667	679	rBV3	26565	47022	4.82%	0.522%
8	7.178	689	696	704	rVB	61248	103712	10.62%	1.151%
9	7.266	707	711	715	rBV	1860	2317	0.24%	0.026%
10	7.378	723	730	739	rBV	83489	138824	14.22%	1.540%
11	7.454	739	743	747	rVV3	2842	5119	0.52%	0.057%
12	7.736	784	791	799	rVB	74738	129188	13.23%	1.433%
13	7.877	810	815	823	rVB	429857	735279	75.32%	8.157%
14	8.195	862	869	876	rBV3	5419	9983	1.02%	0.111%
15	8.547	922	929	936	rBV2	77449	128986	13.21%	1.431%
16	8.929	989	994	998	rBV2	1338	2220	0.23%	0.025%
17	8.994	998	1005	1014	rVB	103037	176165	18.05%	1.954%
18	9.299	1051	1057	1061	rBV2	6511	9085	0.93%	0.101%
19	9.464	1079	1085	1087	rBV3	1767	2499	0.26%	0.028%
20	9.564	1097	1102	1107	rVB2	1263	2261	0.23%	0.025%
21	9.710	1120	1127	1135	rBV	90968	164383	16.84%	1.824%
22	9.987	1169	1174	1177	rBV4	3541	4934	0.51%	0.055%
23	10.251	1211	1219	1227	rBV2	124153	220072	22.54%	2.441%
24	10.492	1257	1260	1265	rVB	2138	2465	0.25%	0.027%
25	10.627	1277	1283	1294	rVB	96740	168448	17.26%	1.869%
26	10.762	1299	1306	1319	rVV2	121856	223078	22.85%	2.475%
27	10.862	1319	1323	1327	rVB4	2591	3460	0.35%	0.038%
28	11.902	1496	1500	1506	rVB3	1633	3248	0.33%	0.036%
29	12.049	1522	1525	1529	rVB	1921	2235	0.23%	0.025%
30	12.219	1550	1554	1558	rBV2	1804	2838	0.29%	0.031%
31	13.371	1746	1750	1753	rVB2	1268	1879	0.19%	0.021%
32	13.876	1830	1836	1843	rVB	320061	432042	44.26%	4.793%
33	14.099	1871	1874	1876	rBV2	3091	3140	0.32%	0.035%
34	14.158	1877	1884	1891	rVB	277774	420819	43.11%	4.668%
35	14.276	1898	1904	1909	rBV3	6304	10377	1.06%	0.115%
36	14.399	1920	1925	1931	rBV2	11630	16785	1.72%	0.186%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
 Title : SVOA CALIBRATION

37	14.470	1931	1937	1944	rVB	154603	237768	24.36%	2.638%
38	14.599	1955	1959	1962	rVB2	4522	5326	0.55%	0.059%
39	14.669	1966	1971	1977	rBV	26262	47560	4.87%	0.528%
40	14.781	1987	1990	1991	rBV2	1647	1631	0.17%	0.018%
41	14.863	2002	2004	2008	rVB2	1098	1603	0.16%	0.018%
42	14.898	2008	2010	2012	rBV	2210	2270	0.23%	0.025%
43	15.010	2023	2029	2035	rBV	64947	100186	10.26%	1.111%
44	15.157	2050	2054	2058	rBV	5412	7534	0.77%	0.084%
45	15.210	2058	2063	2069	rVB	100757	137316	14.07%	1.523%
46	15.392	2090	2094	2095	rBV	1156	1634	0.17%	0.018%
47	15.457	2099	2105	2115	rVB	381196	577676	59.18%	6.409%
48	15.574	2117	2125	2132	rBV	183315	264074	27.05%	2.930%
49	15.703	2144	2147	2151	rVB2	1524	1995	0.20%	0.022%
50	15.821	2161	2167	2173	rBV	39379	59603	6.11%	0.661%
51	16.085	2208	2212	2214	rBV2	2304	2876	0.29%	0.032%
52	16.203	2227	2232	2233	rBV2	2012	2119	0.22%	0.024%
53	16.332	2250	2254	2257	rBV3	2048	2998	0.31%	0.033%
54	16.485	2275	2280	2281	rBV3	1414	1607	0.16%	0.018%
55	16.620	2296	2303	2307	rBV3	7614	13217	1.35%	0.147%
56	17.131	2384	2390	2393	rBV2	7712	10741	1.10%	0.119%
57	17.208	2396	2403	2410	rVV2	205770	310188	31.77%	3.441%
58	17.307	2413	2420	2429	rVB	490971	731631	74.95%	8.117%
59	17.390	2430	2434	2436	rBV3	5271	5161	0.53%	0.057%
60	17.484	2446	2450	2451	rVB	1634	1784	0.18%	0.020%
61	17.513	2451	2455	2458	rBV2	1205	2017	0.21%	0.022%
62	17.601	2467	2470	2472	rVB2	2619	3359	0.34%	0.037%
63	17.719	2486	2490	2494	rVB3	7678	8724	0.89%	0.097%
64	17.977	2528	2534	2543	rBV5	21020	35938	3.68%	0.399%
65	18.106	2551	2556	2565	rBV2	73988	102554	10.51%	1.138%
66	18.171	2565	2567	2569	rVB2	3134	1880	0.19%	0.021%
67	18.412	2605	2608	2611	rBV3	2985	3023	0.31%	0.034%
68	18.447	2611	2614	2615	rBV2	1661	2007	0.21%	0.022%
69	18.471	2615	2618	2622	rVV4	4418	6440	0.66%	0.071%
70	18.535	2626	2629	2631	rVV	6916	7569	0.78%	0.084%
71	18.582	2634	2637	2638	rBV2	2940	2455	0.25%	0.027%
72	18.647	2646	2648	2656	rVB4	2859	5448	0.56%	0.060%
73	18.776	2666	2670	2671	rBV2	1618	1821	0.19%	0.020%
74	18.788	2671	2672	2675	rVB3	3464	2519	0.26%	0.028%
75	18.947	2697	2699	2704	rVB3	2396	3313	0.34%	0.037%
76	18.982	2704	2705	2709	rVB2	2601	2630	0.27%	0.029%

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77	19.158	2732	2735	2738	rBV2	7360	8479	0.87%	0.094%
78	19.229	2743	2747	2749	rVV3	7057	10023	1.03%	0.111%
79	19.258	2750	2752	2762	rVB8	10436	17578	1.80%	0.195%
80	19.381	2769	2773	2780	rBV4	16338	28612	2.93%	0.317%
81	19.593	2803	2809	2815	rBV	674700	911607	93.38%	10.113%
82	19.887	2857	2859	2860	rBV	3352	2676	0.27%	0.030%
83	20.257	2920	2922	2923	rBV	2964	1911	0.20%	0.021%
84	20.457	2953	2956	2958	rBV3	3164	3121	0.32%	0.035%
85	20.639	2984	2987	2989	rBV4	2804	4113	0.42%	0.046%
86	21.115	3065	3068	3072	rBV5	10295	15775	1.62%	0.175%
87	21.432	3116	3122	3129	rBV	250480	390708	40.02%	4.334%
88	21.832	3189	3190	3191	rBV	4283	1843	0.19%	0.020%
89	22.801	3353	3355	3356	rBV2	3343	2449	0.25%	0.027%
90	22.848	3359	3363	3366	rBV6	5847	9541	0.98%	0.106%
91	23.024	3387	3393	3401	rBV	84674	152852	15.66%	1.696%
92	24.235	3588	3599	3608	rBV	380774	976208	100.00%	10.830%
93	24.340	3615	3617	3618	rBV2	4332	3005	0.31%	0.033%
94	24.434	3624	3633	3644	rVB3	155095	420611	43.09%	4.666%
95	27.208	4103	4105	4110	rBV6	3229	3499	0.36%	0.039%
96	27.454	4145	4147	4148	rBV2	3367	1580	0.16%	0.018%
97	29.522	4497	4499	4501	rVB3	3598	2096	0.21%	0.023%
98	29.969	4573	4575	4576	rBV2	3663	2144	0.22%	0.024%
99	30.463	4657	4659	4660	rBV2	3811	2548	0.26%	0.028%
100	32.343	4977	4979	4980	rBV2	3620	2107	0.22%	0.023%

Sum of corrected areas: 9014047

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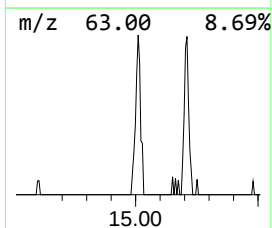
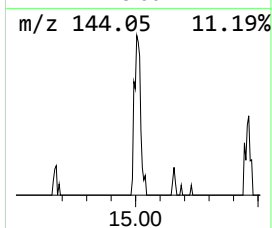
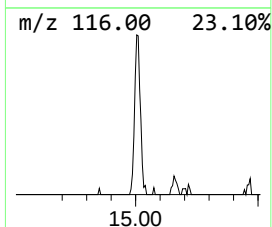
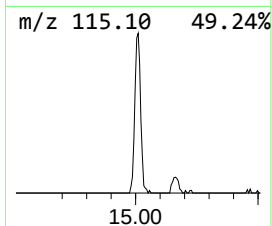
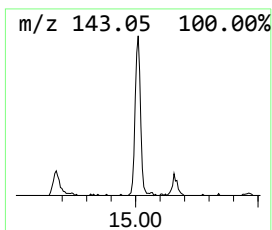
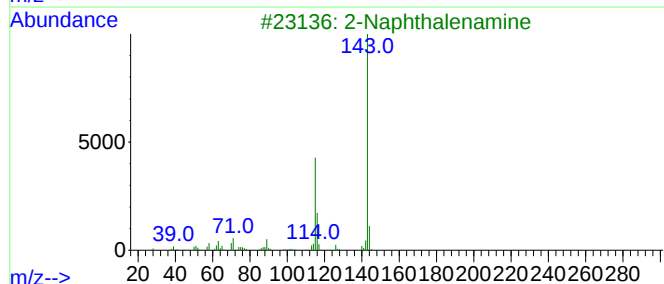
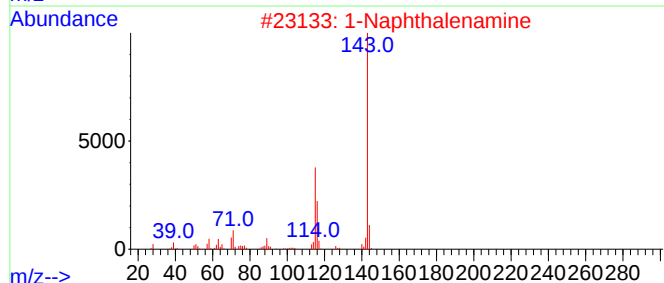
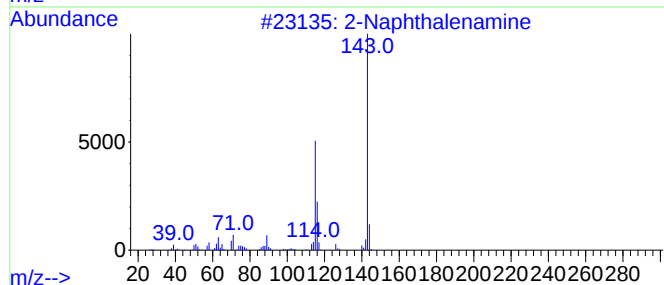
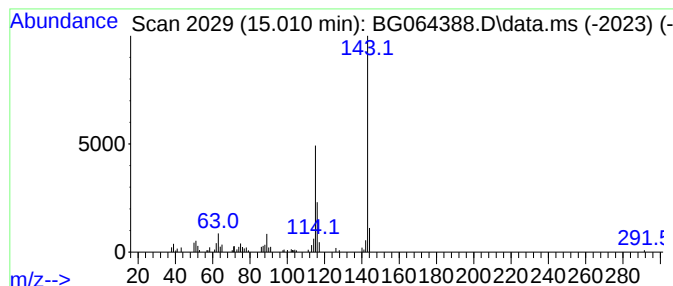
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Naphthalenamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	8.43 ng/ul	100186	Acenaphthene-d10	14.464

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenamine			143	C10H9N	000091-59-8	97
2	1-Naphthalenamine			143	C10H9N	000134-32-7	95
3	2-Naphthalenamine			143	C10H9N	000091-59-8	94
4	1-Naphthalenamine			143	C10H9N	000134-32-7	93
5	2-Naphthalenamine			143	C10H9N	000091-59-8	93



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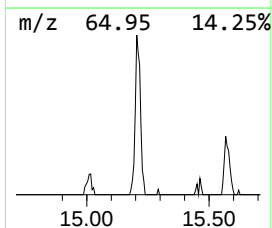
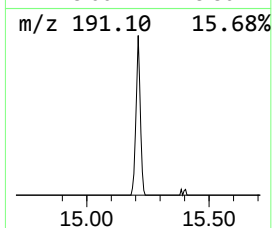
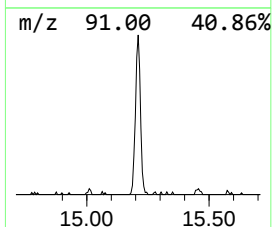
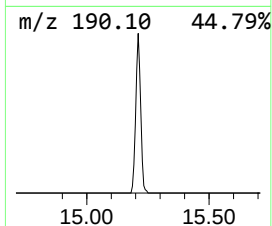
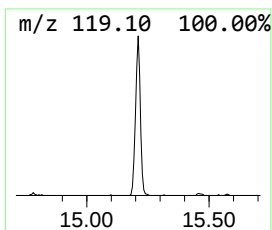
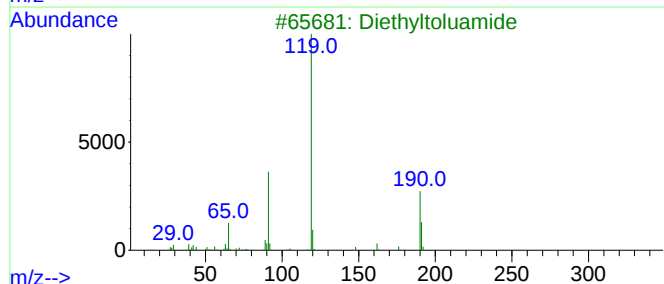
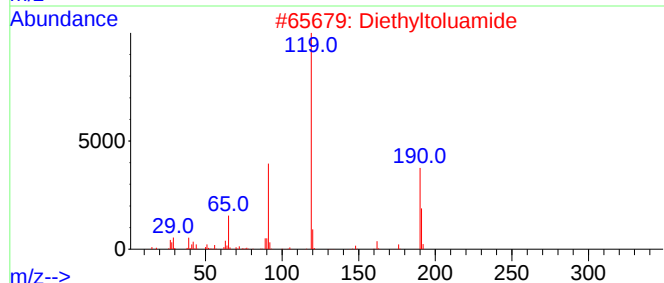
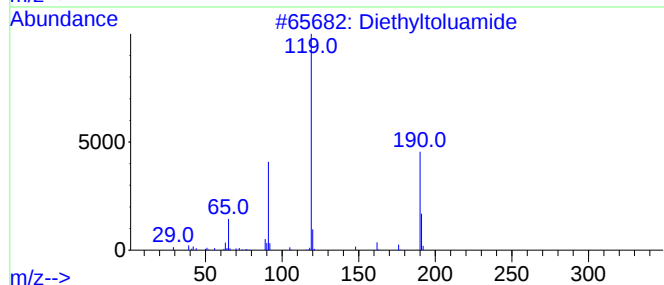
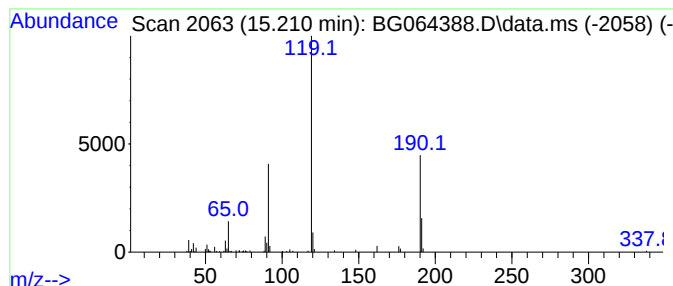
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	11.55 ng/ul	137316	Acenaphthene-d10	14.464

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	97
2			Diethyltoluamide	191	C12H17NO	000134-62-3	94
3			Diethyltoluamide	191	C12H17NO	000134-62-3	93
4			Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
5			Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	81



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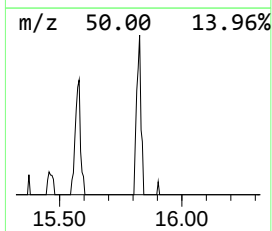
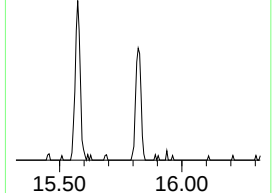
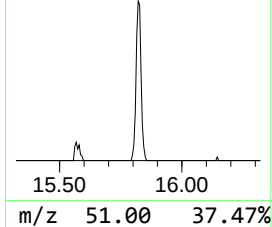
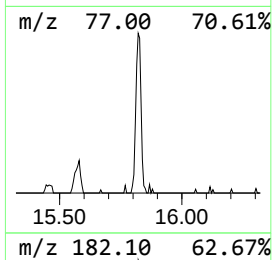
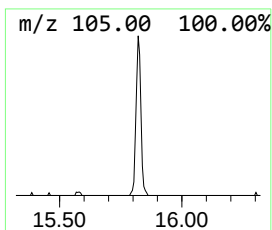
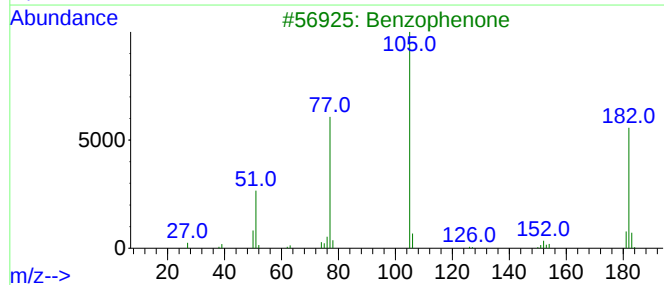
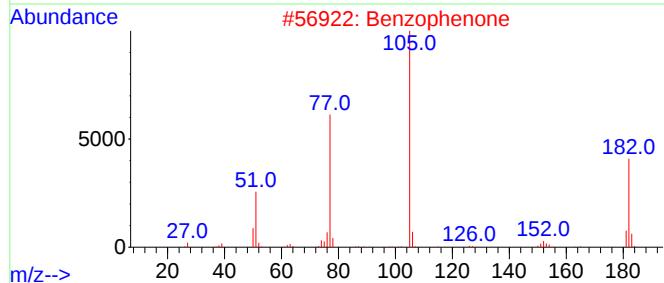
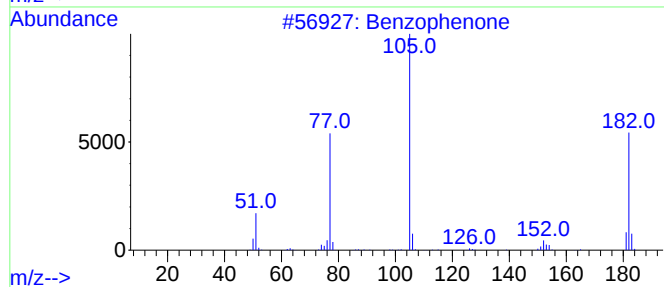
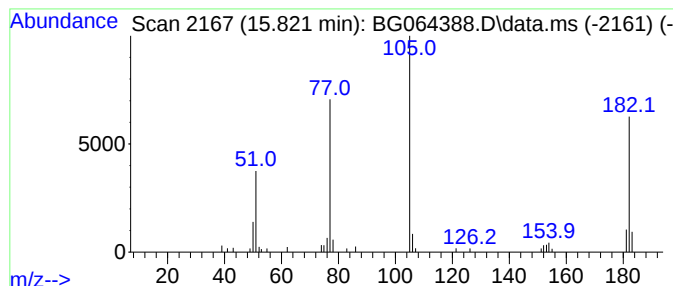
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.821	5.01 ng/ul	59603	Acenaphthene-d10	14.464

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzophenone	182	C13H10O	000119-61-9	94
3			Benzophenone	182	C13H10O	000119-61-9	91
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Benzophenone	182	C13H10O	000119-61-9	91



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PMW-8S(20250909)

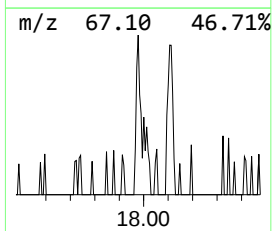
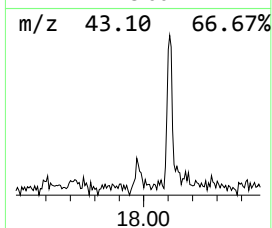
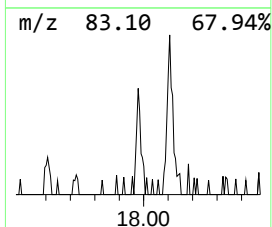
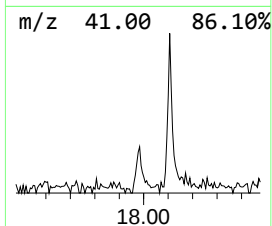
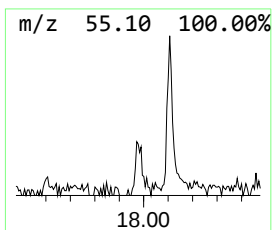
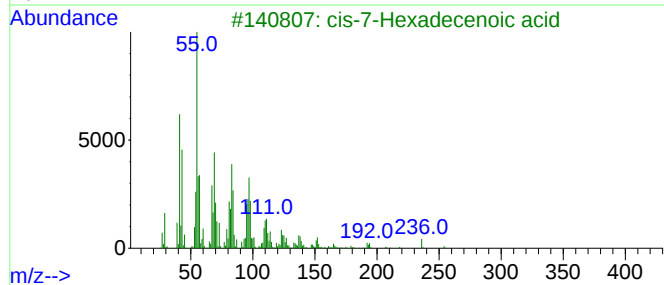
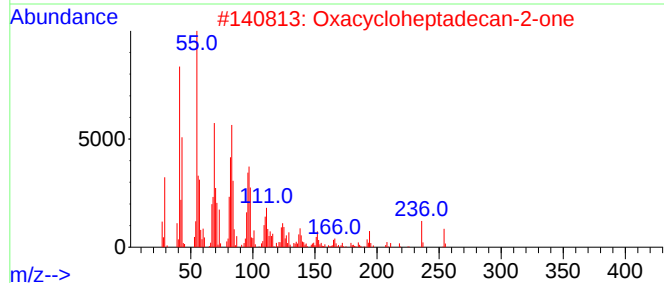
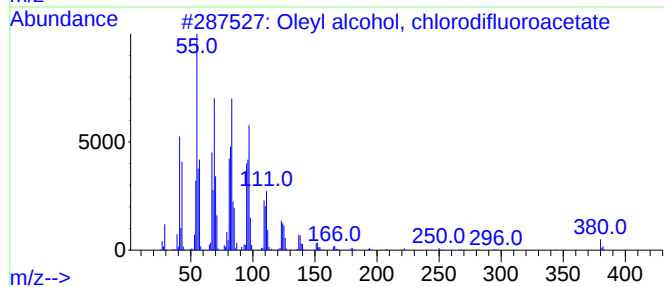
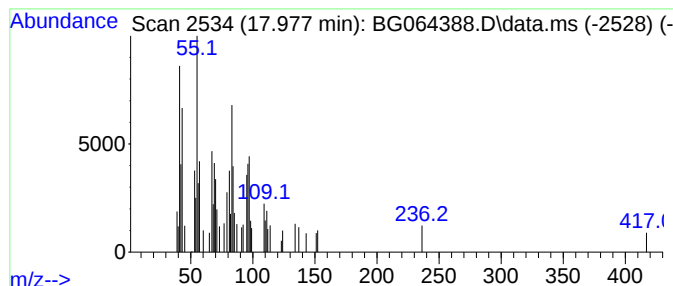
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Oleyl alcohol, chlorodifluo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.977	2.32 ng/ul	35938	Phenanthrene-d10	17.208

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oleyl alcohol, chlorodifluoroace...	380	C20H35ClF2O2	1000447-47-7	89
2			Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	86
3			cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	86
4			1,22-Docosanediol	342	C22H46O2	022513-81-1	64
5			Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064388.D
Acq On : 16 Sep 2025 16:45
Operator : RC/JU
Sample : Q3084-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-8S(20250909)

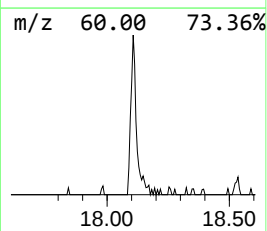
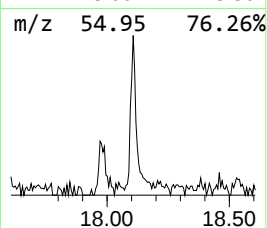
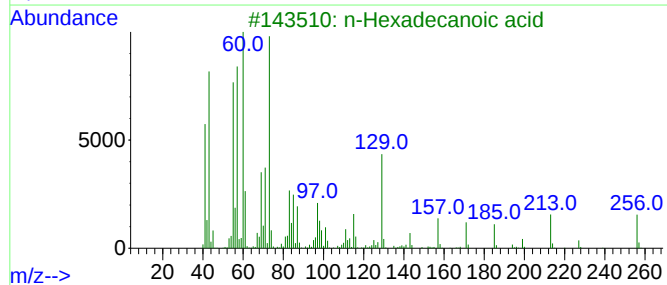
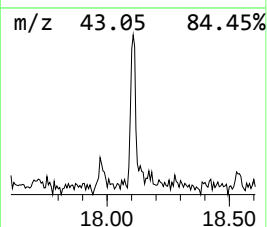
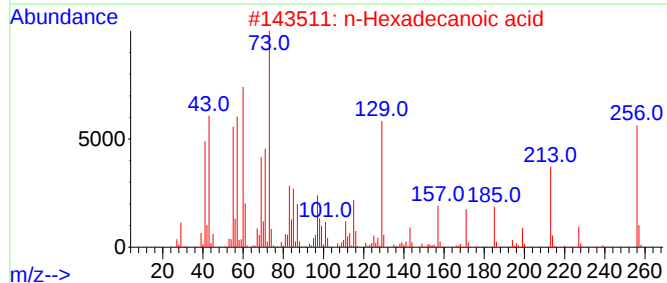
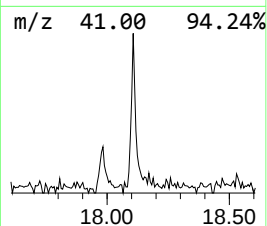
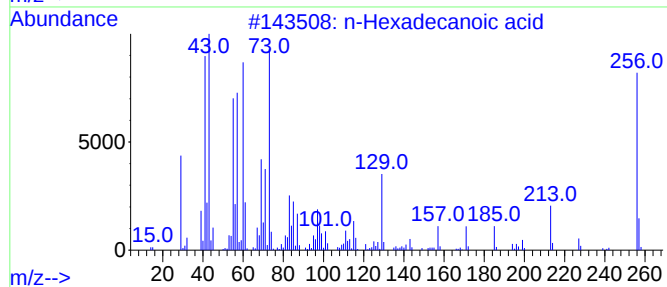
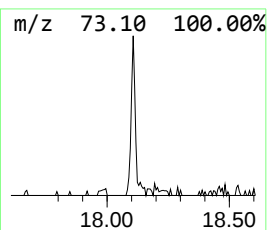
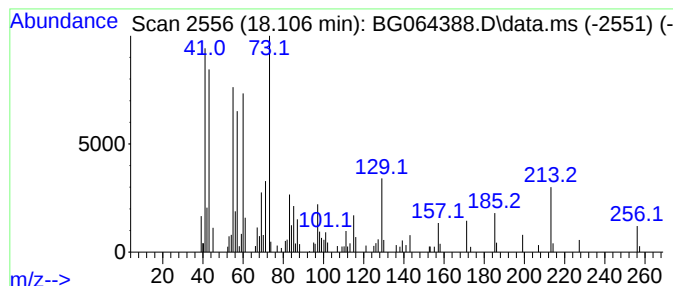
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.107	6.61 ng/ul	102554	Phenanthrene-d10	17.208

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4			Tridecanoic acid	214	C13H26O2	000638-53-9	95
5			Tridecanoic acid	214	C13H26O2	000638-53-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064388.D
Acq On : 16 Sep 2025 16:45
Operator : RC/JU
Sample : Q3084-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-8S(20250909)

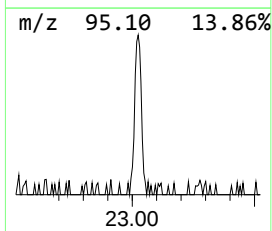
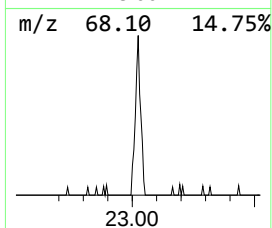
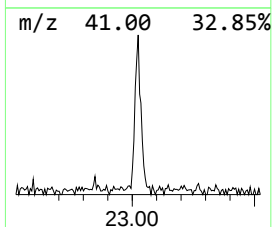
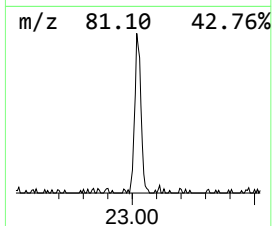
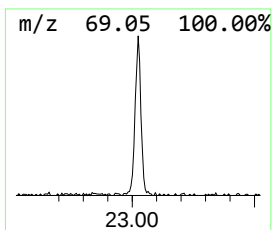
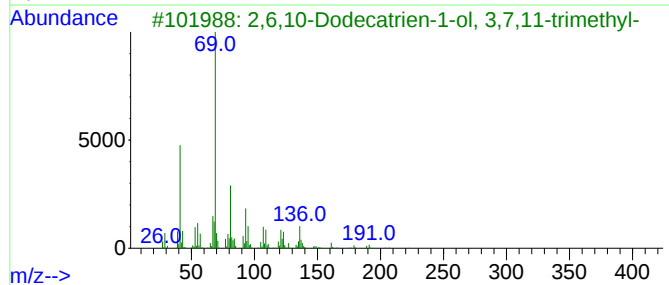
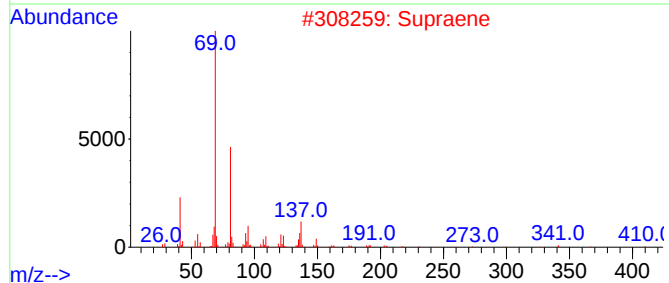
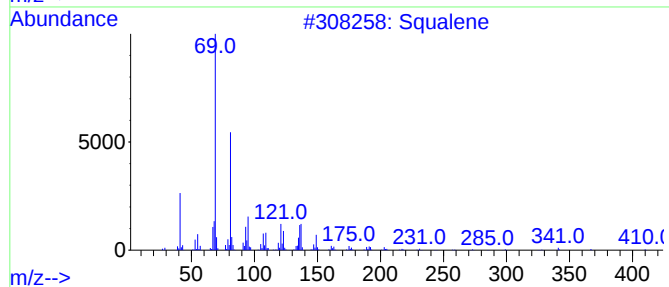
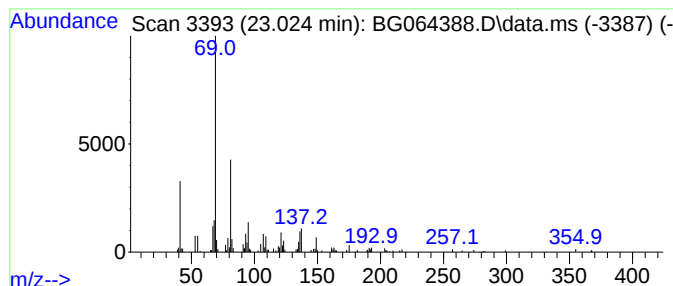
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.024	7.27 ng/ul	152852	Perylene-d12	24.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	91
2			Supraene	410	C30H50	007683-64-9	91
3			2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
4			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
5			Carbonic acid, methyl ester, [(E...	280	C17H28O3	1000164-38-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064388.D
Acq On : 16 Sep 2025 16:45
Operator : RC/JU
Sample : Q3084-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-8S(20250909)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.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
2-Naphthalenamine	15.010	8.4	ng/ul	100186	3	14.464	237768	20.0
Diethyltoluamide	15.210	11.6	ng/ul	137316	3	14.464	237768	20.0
Benzophenone	15.821	5.0	ng/ul	59603	3	14.464	237768	20.0
Oleyl alcohol, ...	17.977	2.3	ng/ul	35938	4	17.208	310188	20.0
n-Hexadecanoic ...	18.107	6.6	ng/ul	102554	4	17.208	310188	20.0
Squalene	23.024	7.3	ng/ul	152852	6	24.434	420611	20.0