

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
 Data File : BG051011.D
 Acq On : 12 Nov 2021 23:29
 Operator : CG/JU
 Sample : M4542-07
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGGF1

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-BG110321.M
 Title : SVOA CALIBRATION

Signal : TIC: BG051011.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.564	7	13	25	rVB2	48093	100909	6.61%	0.647%
2	3.663	28	30	35	rVB3	2448	2796	0.18%	0.018%
3	4.040	90	94	103	rBV	49176	92591	6.06%	0.594%
4	4.257	127	131	138	rVB2	4205	7313	0.48%	0.047%
5	4.369	144	150	152	rBV2	4027	5524	0.36%	0.035%
6	4.903	235	241	244	rVB4	2778	4690	0.31%	0.030%
7	5.391	318	324	327	rVB5	1765	2772	0.18%	0.018%
8	5.520	337	346	351	rBV	28912	50513	3.31%	0.324%
9	6.155	450	454	459	rBV4	2932	5196	0.34%	0.033%
10	6.290	473	477	484	rVB5	3326	7072	0.46%	0.045%
11	6.484	503	510	513	rBV5	5448	10666	0.70%	0.068%
12	6.589	522	528	533	rBV4	2369	4168	0.27%	0.027%
13	6.707	541	548	549	rBV4	8908	12895	0.84%	0.083%
14	6.860	570	574	578	rVB6	3243	5619	0.37%	0.036%
15	7.024	596	602	607	rBV3	2982	5281	0.35%	0.034%
16	7.201	627	632	638	rBV6	6570	13244	0.87%	0.085%
17	7.383	653	663	675	rVB	51664	110499	7.23%	0.709%
18	7.553	685	692	698	rVV	163868	287633	18.83%	1.845%
19	7.612	698	702	713	rVB	14712	25187	1.65%	0.162%
20	7.765	721	728	736	rBV	164227	284944	18.65%	1.828%
21	7.829	736	739	742	rVV2	3454	4342	0.28%	0.028%
22	7.870	742	746	751	rVV3	3329	5187	0.34%	0.033%
23	7.941	751	758	764	rVV4	4465	9416	0.62%	0.060%
24	8.129	785	790	795	rBV4	4964	8079	0.53%	0.052%
25	8.235	801	808	822	rBV	172706	322399	21.11%	2.068%
26	8.346	822	827	830	rBV2	4671	7501	0.49%	0.048%
27	8.540	855	860	862	rVV5	3719	6023	0.39%	0.039%
28	8.605	862	871	880	rVV4	27891	62243	4.07%	0.399%
29	8.716	885	890	893	rBV4	4636	6598	0.43%	0.042%
30	8.869	911	916	920	rBV3	5425	8805	0.58%	0.056%
31	8.940	920	928	936	rBV	137177	250214	16.38%	1.605%
32	9.075	946	951	956	rVB5	5185	9579	0.63%	0.061%
33	9.339	992	996	1001	rBV4	4768	7675	0.50%	0.049%
34	9.410	1001	1008	1020	rVB	219529	416757	27.28%	2.673%
35	9.627	1041	1045	1051	rVB4	3265	5147	0.34%	0.033%
36	9.686	1051	1055	1060	rBV2	4538	6803	0.45%	0.044%

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37	9.809	1071	1076	1078	rBV2	2172	2920	0.19%	0.019%
38	10.132	1122	1131	1142	rVB	172804	332215	21.75%	2.131%
39	10.238	1144	1149	1154	rVB3	3297	5878	0.38%	0.038%
40	10.309	1154	1161	1164	rBV5	2738	6258	0.41%	0.040%
41	10.444	1181	1184	1189	rVB4	4123	6936	0.45%	0.044%
42	10.591	1205	1209	1216	rBV7	3707	7691	0.50%	0.049%
43	10.679	1216	1224	1234	rVV	246933	458049	29.99%	2.938%
44	10.820	1241	1248	1259	rBV	20964	41246	2.70%	0.265%
45	11.061	1279	1289	1301	rBV	254091	479729	31.41%	3.077%
46	11.196	1302	1312	1325	rVB	159566	325737	21.33%	2.089%
47	11.437	1347	1353	1354	rBV2	2118	3164	0.21%	0.020%
48	11.760	1403	1408	1415	rVB5	4209	8860	0.58%	0.057%
49	11.830	1415	1420	1424	rBV4	2755	6075	0.40%	0.039%
50	11.960	1440	1442	1446	rVB3	2494	3017	0.20%	0.019%
51	12.165	1474	1477	1482	rVB5	2778	4596	0.30%	0.029%
52	12.600	1546	1551	1552	rBV2	3026	3368	0.22%	0.022%
53	12.635	1553	1557	1559	rVV3	2015	3631	0.24%	0.023%
54	12.853	1589	1594	1600	rBV7	11117	20143	1.32%	0.129%
55	12.917	1603	1605	1611	rVB5	1807	2796	0.18%	0.018%
56	13.217	1651	1656	1662	rVB3	2428	5724	0.37%	0.037%
57	13.382	1678	1684	1686	rBV6	1801	3232	0.21%	0.021%
58	13.540	1706	1711	1716	rBV5	3723	6642	0.43%	0.043%
59	13.734	1743	1744	1748	rVB3	3235	3037	0.20%	0.019%
60	13.904	1767	1773	1775	rBV5	2061	2789	0.18%	0.018%
61	13.993	1784	1788	1790	rBV3	2850	4045	0.26%	0.026%
62	14.257	1826	1833	1839	rBV	584085	872606	57.13%	5.597%
63	14.298	1839	1840	1845	rVB4	4651	5542	0.36%	0.036%
64	14.386	1849	1855	1863	rVB4	5565	12338	0.81%	0.079%
65	14.474	1865	1870	1871	rBV3	2963	4109	0.27%	0.026%
66	14.557	1877	1884	1895	rVB	563668	927896	60.75%	5.952%
67	14.862	1928	1936	1943	rVB	408075	663142	43.41%	4.253%
68	15.062	1963	1970	1981	rVV2	32084	67380	4.41%	0.432%
69	15.232	1996	1999	2002	rBV3	3596	4199	0.27%	0.027%
70	15.667	2071	2073	2078	rVB5	2176	2782	0.18%	0.018%
71	15.849	2097	2104	2117	rBV	799905	1283564	84.03%	8.233%
72	15.967	2119	2124	2131	rBV	176333	270820	17.73%	1.737%
73	16.031	2133	2135	2140	rVV5	5412	5811	0.38%	0.037%
74	16.084	2141	2144	2148	rVB5	3472	4769	0.31%	0.031%
75	16.184	2159	2161	2163	rBV3	2693	3520	0.23%	0.023%
76	16.302	2177	2181	2185	rVB7	2951	5305	0.35%	0.034%

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77	16.537	2216	2221	2223	rBV4	2656	3408	0.22%	0.022%
78	16.566	2225	2226	2234	rVB7	2845	5108	0.33%	0.033%
79	16.666	2240	2243	2246	rVB4	4112	5093	0.33%	0.033%
80	16.713	2248	2251	2259	rVB6	6321	12574	0.82%	0.081%
81	16.783	2259	2263	2268	rBV3	6824	9322	0.61%	0.060%
82	16.825	2268	2270	2275	rVB5	2955	4651	0.30%	0.030%
83	17.048	2304	2308	2313	rBV2	6191	8904	0.58%	0.057%
84	17.183	2329	2331	2335	rVB4	3213	4197	0.27%	0.027%
85	17.400	2360	2368	2376	rBV	510699	741625	48.55%	4.757%
86	17.606	2391	2403	2411	rBV	478483	769913	50.40%	4.938%
87	17.706	2413	2420	2427	rVV2	934707	1443057	94.47%	9.256%
88	17.782	2431	2433	2437	rVB5	4985	4878	0.32%	0.031%
89	18.241	2506	2511	2514	rBV4	9102	12689	0.83%	0.081%
90	18.335	2524	2527	2528	rBV3	3886	3139	0.21%	0.020%
91	18.458	2543	2548	2558	rBV3	56192	91161	5.97%	0.585%
92	18.664	2582	2583	2588	rBV5	3214	4131	0.27%	0.026%
93	19.251	2681	2683	2684	rBV2	3737	2724	0.18%	0.017%
94	19.615	2743	2745	2749	rVB	14474	17207	1.13%	0.110%
95	19.715	2759	2762	2766	rBV4	24245	27026	1.77%	0.173%
96	19.986	2802	2808	2814	rBV	1058148	1527482	100.00%	9.797%
97	21.496	3062	3065	3077	rVB4	54215	99153	6.49%	0.636%
98	21.907	3129	3135	3144	rVB	379410	668674	43.78%	4.289%
99	25.091	3667	3677	3691	rVB3	450670	1337139	87.54%	8.577%
100	25.320	3707	3716	3728	rVB2	224169	729475	47.76%	4.679%

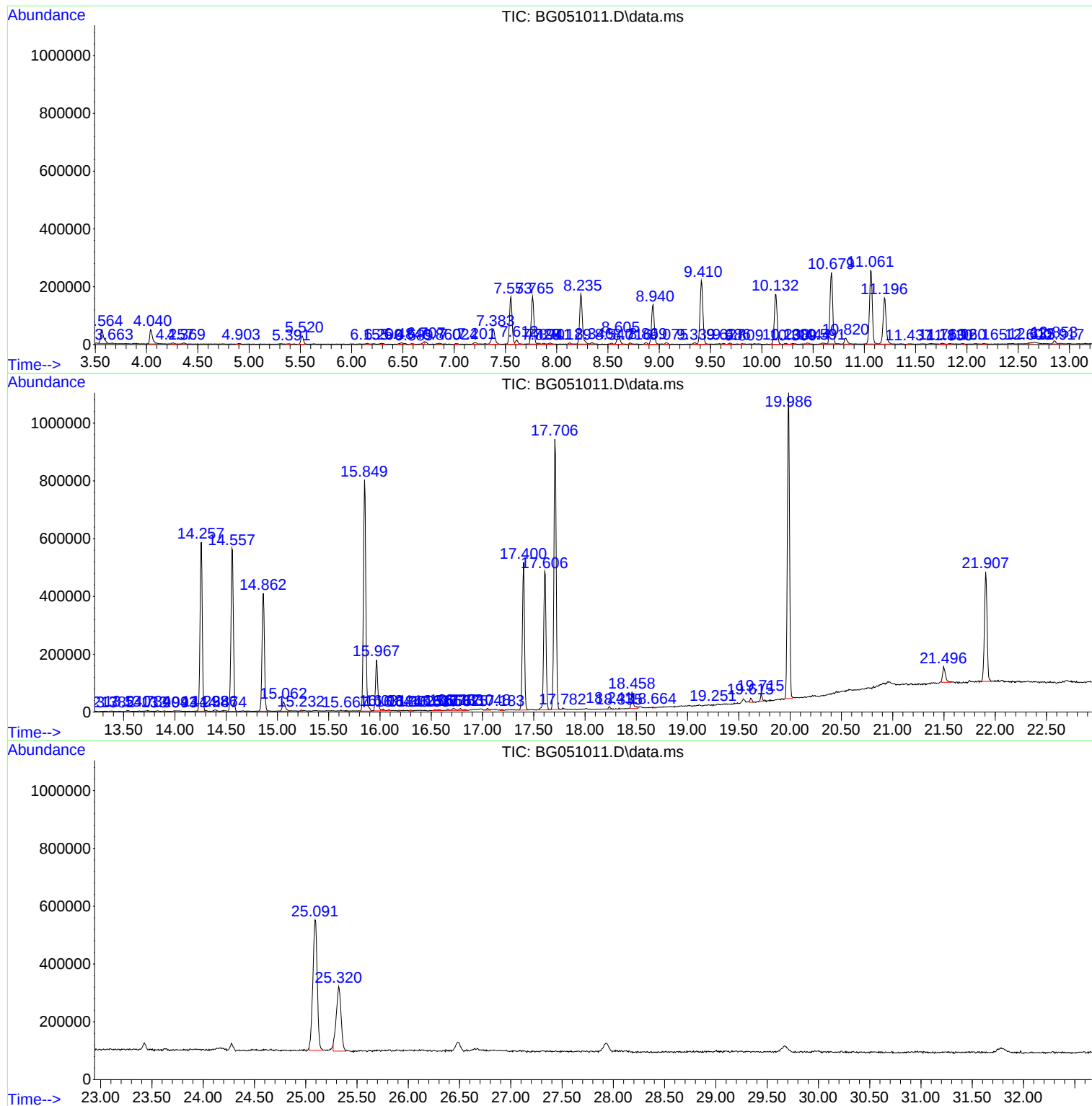
Sum of corrected areas: 15590571

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

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



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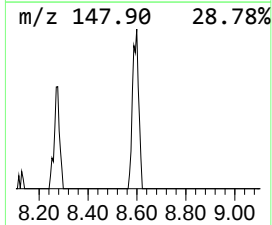
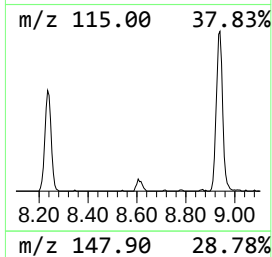
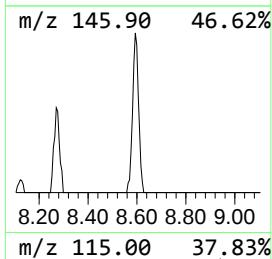
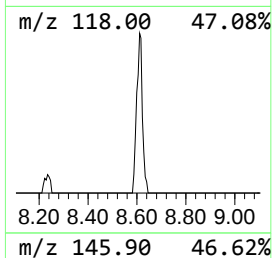
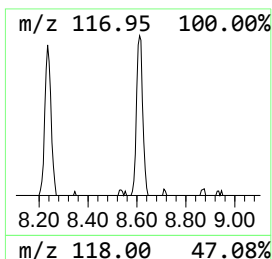
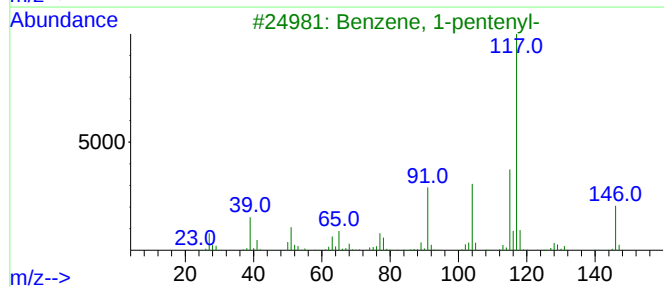
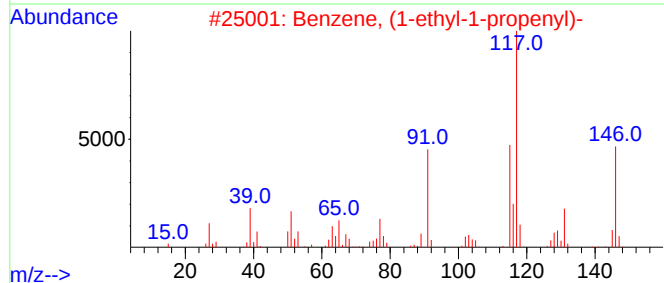
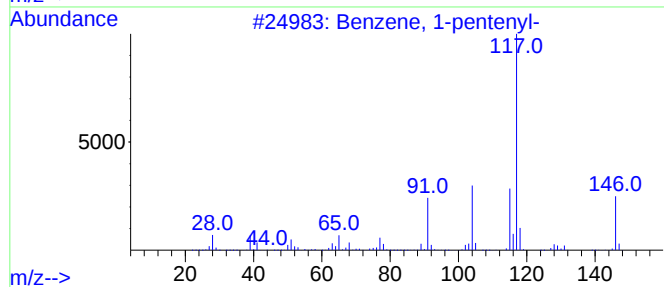
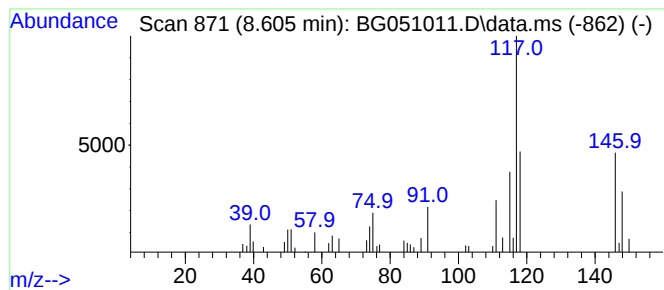
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.605	3.86 ng/ul	62243	1,4-Dichlorobenzene-d4	8.240

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	49
2			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46
3			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	43
4			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	43
5			1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	41



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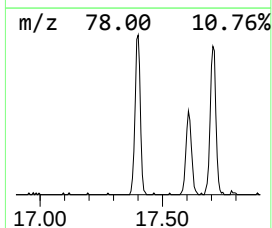
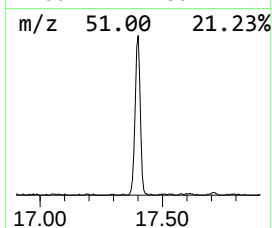
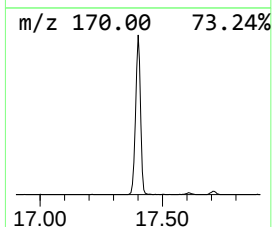
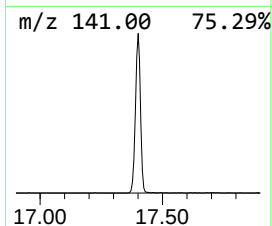
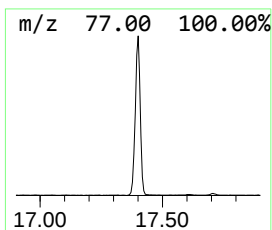
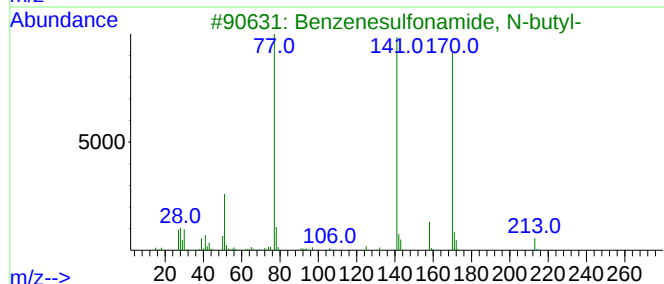
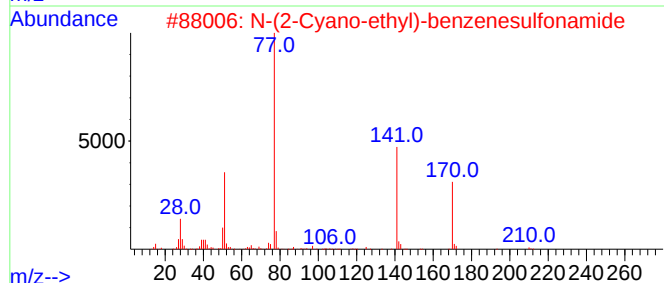
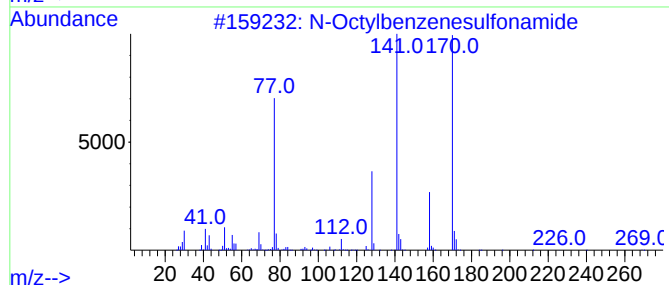
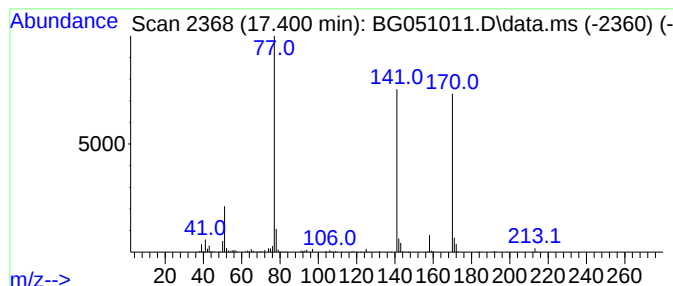
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 N-Octylbenzenesulfonamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.400	19.27 ng/ul	741625	Phenanthrene-d10	17.606

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-Octylbenzenesulfonamide	269	C14H23NO2S	016358-32-0	83
2			N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	83
3			Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	80
4			2-propenoic acid, 2-methyl-, 2-[...]	269	C12H15NO4S	1000401-71-8	72
5			N-hexylbenzenesulfonamide	241	C12H19NO2S	007250-80-8	64



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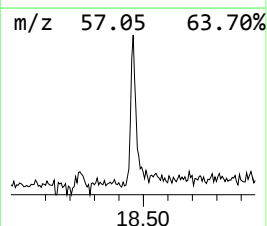
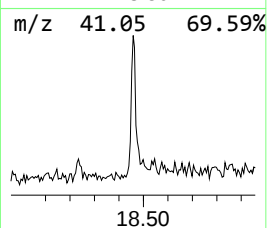
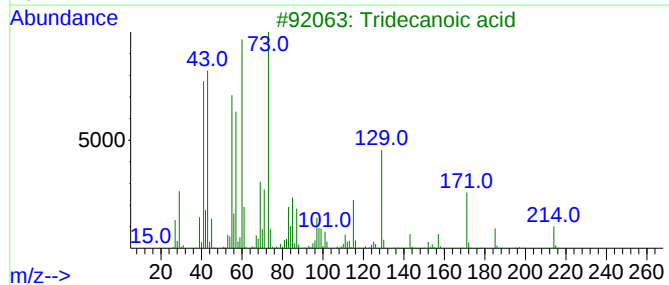
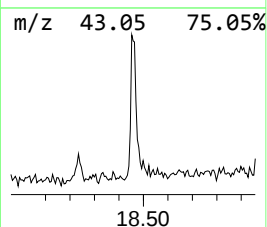
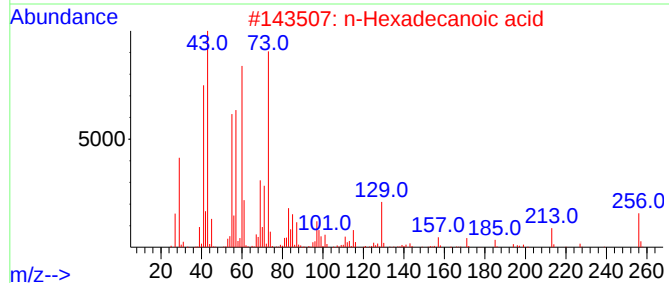
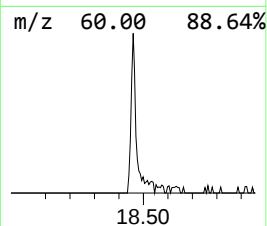
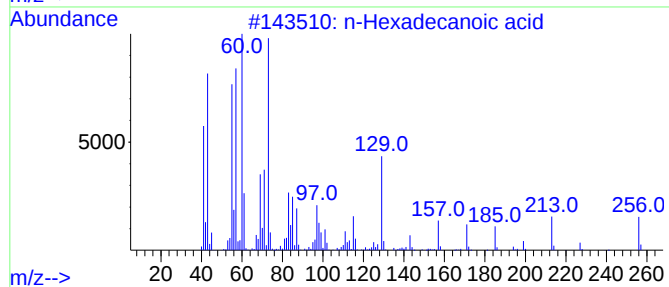
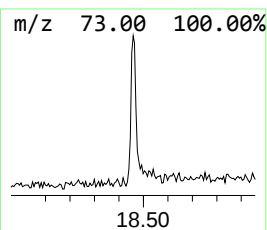
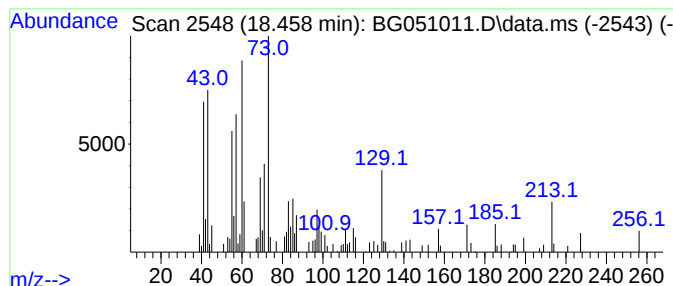
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.458	2.37 ng/ul	91161	Phenanthrene-d10	17.606

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	96
3			Tridecanoic acid	214	C13H26O2	000638-53-9	76
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051011.D
Acq On : 12 Nov 2021 23:29
Operator : CG/JU
Sample : M4542-07
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF1

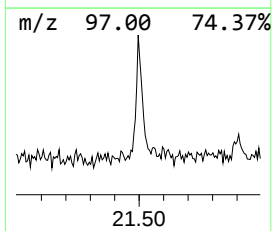
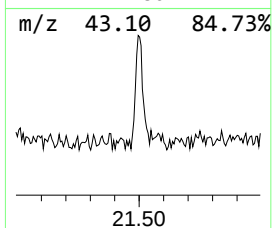
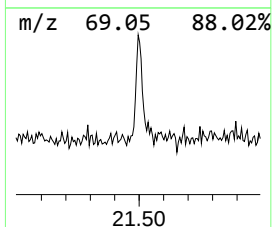
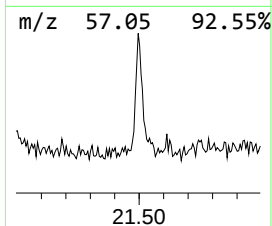
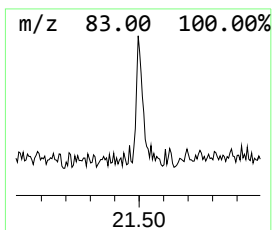
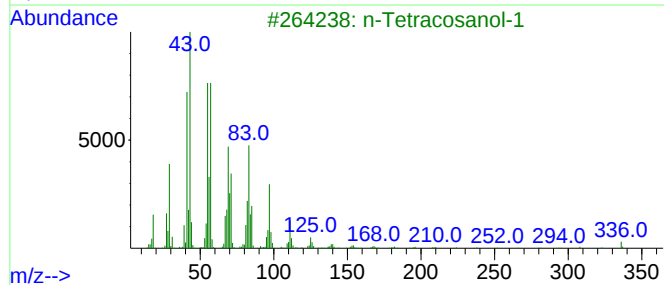
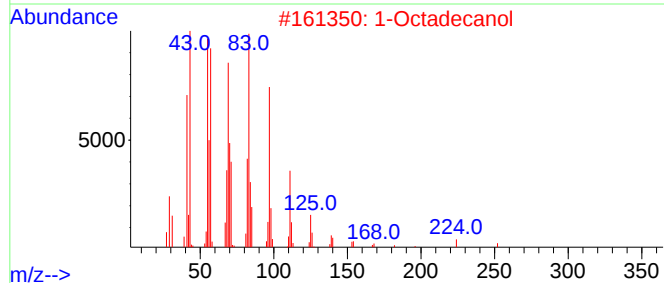
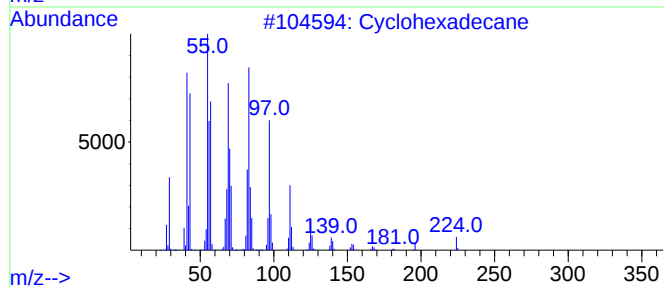
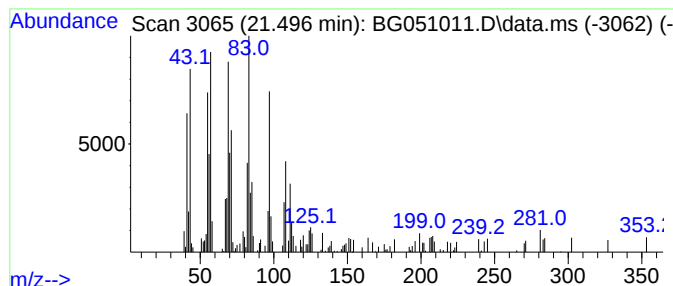
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.496 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.496	2.97 ng/ul	99153	Chrysene-d12	21.907

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	93
2			1-Octadecanol	270	C18H38O	000112-92-5	81
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	81
4			1-Hexadecanol	242	C16H34O	036653-82-4	81
5			Behenic alcohol	326	C22H46O	000661-19-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051011.D
Acq On : 12 Nov 2021 23:29
Operator : CG/JU
Sample : M4542-07
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.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	8.605	3.9	ng/ul	62243	1	8.240	322399	20.0
N-Octylbenzenes...	17.400	19.3	ng/ul	741625	4	17.606	769913	20.0
n-Hexadecanoic ...	18.458	2.4	ng/ul	91161	4	17.606	769913	20.0
(DEL) Alkane: C...	21.496	3.0	ng/ul	99153	5	21.907	668674	20.0