

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
 Data File : BG051452.D
 Acq On : 10 Dec 2021 9:52
 Operator : CG/JU
 Sample : M4870-08DL2 50X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP5DL2

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-BG120821.M
 Title : SVOA CALIBRATION

Signal : TIC: BG051452.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.298	135	138	144	rVB3	6001	9902	2.16%	0.245%
2	5.649	364	368	374	rVB2	7807	11919	2.60%	0.295%
3	5.784	386	391	400	rVB	23555	51943	11.35%	1.286%
4	6.160	450	455	461	rVB3	11674	20032	4.38%	0.496%
5	6.648	533	538	541	rVB5	2222	3725	0.81%	0.092%
6	6.724	549	551	554	rBV2	808	825	0.18%	0.020%
7	7.247	637	640	647	rVB2	4531	6804	1.49%	0.168%
8	7.318	647	652	656	rVB3	1659	2931	0.64%	0.073%
9	7.418	659	669	683	rBV4	11908	39523	8.64%	0.978%
10	7.518	683	686	688	rBV4	1610	1848	0.40%	0.046%
11	7.741	721	724	725	rBV	1443	1348	0.29%	0.033%
12	7.817	732	737	744	rVB	12097	18773	4.10%	0.465%
13	8.187	793	800	807	rBV	87185	159349	34.82%	3.945%
14	8.552	858	862	867	rBV3	1641	3049	0.67%	0.075%
15	8.675	880	883	887	rBV4	2584	4332	0.95%	0.107%
16	8.957	928	931	934	rBV2	1421	2370	0.52%	0.059%
17	9.022	938	942	946	rBV3	2433	4550	0.99%	0.113%
18	9.139	959	962	965	rVB2	1439	1890	0.41%	0.047%
19	9.163	965	966	969	rBV	1105	893	0.20%	0.022%
20	9.527	1019	1028	1042	rBV	82499	206073	45.03%	5.101%
21	9.932	1095	1097	1098	rBV2	1358	916	0.20%	0.023%
22	10.009	1108	1110	1111	rBV	1069	744	0.16%	0.018%
23	10.050	1113	1117	1124	rVB3	4225	8298	1.81%	0.205%
24	10.120	1124	1129	1131	rBV3	1715	2353	0.51%	0.058%
25	10.203	1140	1143	1147	rBV2	2342	3864	0.84%	0.096%
26	10.391	1172	1175	1180	rBV4	1428	2860	0.62%	0.071%
27	10.467	1183	1188	1190	rBV4	3049	5328	1.16%	0.132%
28	10.661	1218	1221	1222	rBV3	998	1011	0.22%	0.025%
29	10.679	1222	1224	1226	rVV2	1288	1430	0.31%	0.035%
30	10.914	1259	1264	1273	rBV4	3922	8487	1.85%	0.210%
31	11.014	1274	1281	1285	rVV	132506	252024	55.07%	6.239%
32	11.061	1285	1289	1298	rVB	142991	265405	57.99%	6.570%
33	11.202	1303	1313	1322	rBV7	10135	29261	6.39%	0.724%
34	11.378	1340	1343	1344	rBV2	856	796	0.17%	0.020%
35	11.572	1370	1376	1381	rBV3	2934	5579	1.22%	0.138%
36	11.636	1384	1387	1395	rVB4	2418	4726	1.03%	0.117%

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37	11.854	1418	1424	1430	rBV2	16221	33940	7.42%	0.840%
38	12.042	1451	1456	1460	rBV	7855	13114	2.87%	0.325%
39	12.089	1461	1464	1470	rVV3	5749	10772	2.35%	0.267%
40	12.147	1472	1474	1479	rVB3	2267	3416	0.75%	0.085%
41	12.347	1506	1508	1510	rBV2	1609	1420	0.31%	0.035%
42	12.418	1518	1520	1523	rVB3	907	825	0.18%	0.020%
43	12.553	1537	1543	1550	rBV5	5608	11282	2.47%	0.279%
44	12.653	1554	1560	1569	rVB	252756	428077	93.53%	10.597%
45	12.782	1577	1582	1584	rBV2	4018	5435	1.19%	0.135%
46	12.876	1590	1598	1611	rVB	119572	213396	46.63%	5.282%
47	12.988	1614	1617	1620	rBV2	1336	1694	0.37%	0.042%
48	13.046	1622	1627	1630	rBV4	2133	4629	1.01%	0.115%
49	13.123	1639	1640	1644	rVB	999	798	0.17%	0.020%
50	13.223	1654	1657	1659	rBV4	1328	1772	0.39%	0.044%
51	13.287	1664	1668	1674	rVV3	3496	7595	1.66%	0.188%
52	13.334	1674	1676	1680	rVB2	1689	2028	0.44%	0.050%
53	13.493	1701	1703	1707	rBV2	690	994	0.22%	0.025%
54	13.657	1724	1731	1738	rBV	33755	56837	12.42%	1.407%
55	13.857	1759	1765	1772	rBV3	2979	6293	1.38%	0.156%
56	13.992	1780	1788	1796	rVB5	5153	13986	3.06%	0.346%
57	14.139	1808	1813	1819	rVV2	8392	13079	2.86%	0.324%
58	14.198	1819	1823	1825	rVV2	4596	6270	1.37%	0.155%
59	14.227	1825	1828	1835	rVB	7705	11253	2.46%	0.279%
60	14.380	1848	1854	1864	rVB4	2270	5835	1.27%	0.144%
61	14.457	1864	1867	1871	rVB2	509	833	0.18%	0.021%
62	14.521	1871	1878	1885	rBV2	8893	17063	3.73%	0.422%
63	14.815	1921	1928	1935	rBV	219106	359586	78.57%	8.901%
64	14.885	1935	1940	1947	rVB	18466	31086	6.79%	0.770%
65	15.009	1956	1961	1967	rVB3	789	1615	0.35%	0.040%
66	15.226	1992	1998	2008	rBV	16628	28152	6.15%	0.697%
67	15.620	2061	2065	2072	rVB2	3926	6026	1.32%	0.149%
68	15.820	2094	2099	2104	rBV3	11347	19443	4.25%	0.481%
69	15.873	2104	2108	2116	rVB2	8482	14010	3.06%	0.347%
70	16.084	2139	2144	2148	rBV3	2736	4415	0.96%	0.109%
71	16.178	2156	2160	2164	rBV2	919	1531	0.33%	0.038%
72	16.448	2203	2206	2209	rBV2	578	853	0.19%	0.021%
73	16.683	2240	2246	2247	rBV2	986	1358	0.30%	0.034%
74	16.742	2253	2256	2258	rBV2	1121	1340	0.29%	0.033%
75	16.907	2280	2284	2292	rBV3	2402	3904	0.85%	0.097%
76	17.054	2305	2309	2312	rBV3	2520	2835	0.62%	0.070%

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77	17.189	2328	2332	2338	rVB4	1174	1854	0.41%	0.046%
78	17.253	2339	2343	2346	rBV5	1516	2006	0.44%	0.050%
79	17.324	2353	2355	2357	rVB	854	773	0.17%	0.019%
80	17.365	2357	2362	2364	rBV4	1266	2148	0.47%	0.053%
81	17.394	2364	2367	2369	rVV3	2806	3574	0.78%	0.088%
82	17.435	2373	2374	2378	rVV3	872	1031	0.23%	0.026%
83	17.571	2389	2397	2409	rVV	279290	451836	98.73%	11.185%
84	17.682	2410	2416	2422	rVB2	12283	22756	4.97%	0.563%
85	17.817	2435	2439	2448	rVB5	1585	3236	0.71%	0.080%
86	18.135	2490	2493	2500	rVB4	1074	1571	0.34%	0.039%
87	18.234	2506	2510	2516	rVB4	2728	4433	0.97%	0.110%
88	18.499	2552	2555	2562	rVV4	2173	3465	0.76%	0.086%
89	18.669	2581	2584	2591	rBV3	1828	3329	0.73%	0.082%
90	18.816	2606	2609	2617	rBV4	8405	14127	3.09%	0.350%
91	19.086	2652	2655	2660	rVB3	2074	2340	0.51%	0.058%
92	19.310	2691	2693	2695	rBV2	1076	898	0.20%	0.022%
93	19.415	2709	2711	2712	rBV2	1160	925	0.20%	0.023%
94	19.486	2720	2723	2730	rBV4	4756	9357	2.04%	0.232%
95	19.592	2737	2741	2749	rBV4	13985	19719	4.31%	0.488%
96	19.762	2768	2770	2773	rVB3	2865	2538	0.55%	0.063%
97	19.962	2800	2804	2810	rVB3	15553	25241	5.52%	0.625%
98	20.831	2948	2952	2961	rVB	54002	76034	16.61%	1.882%
99	21.871	3123	3129	3140	rBV2	251847	457670	100.00%	11.329%
100	25.273	3699	3708	3727	rVB2	130233	434939	95.03%	10.766%

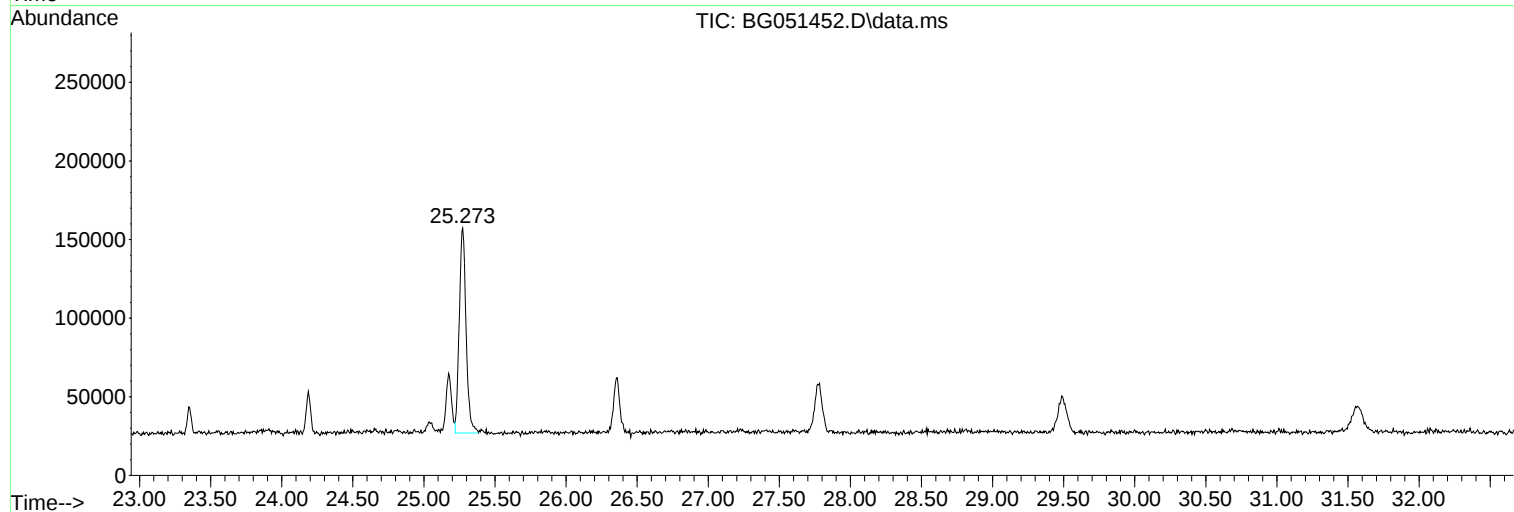
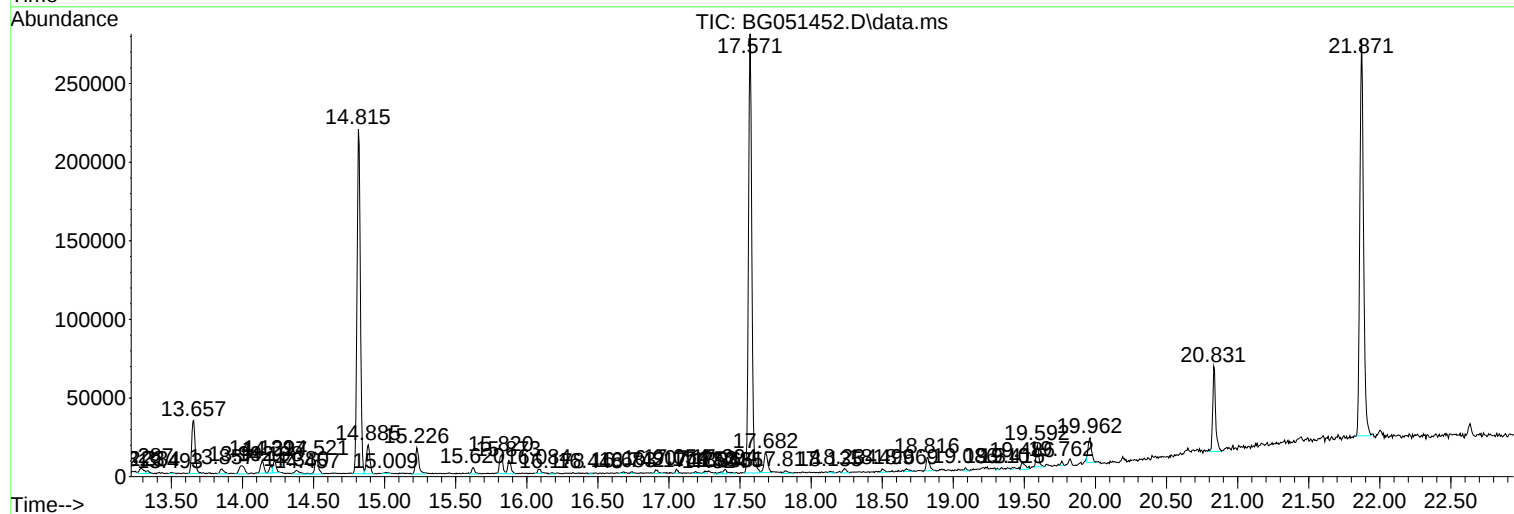
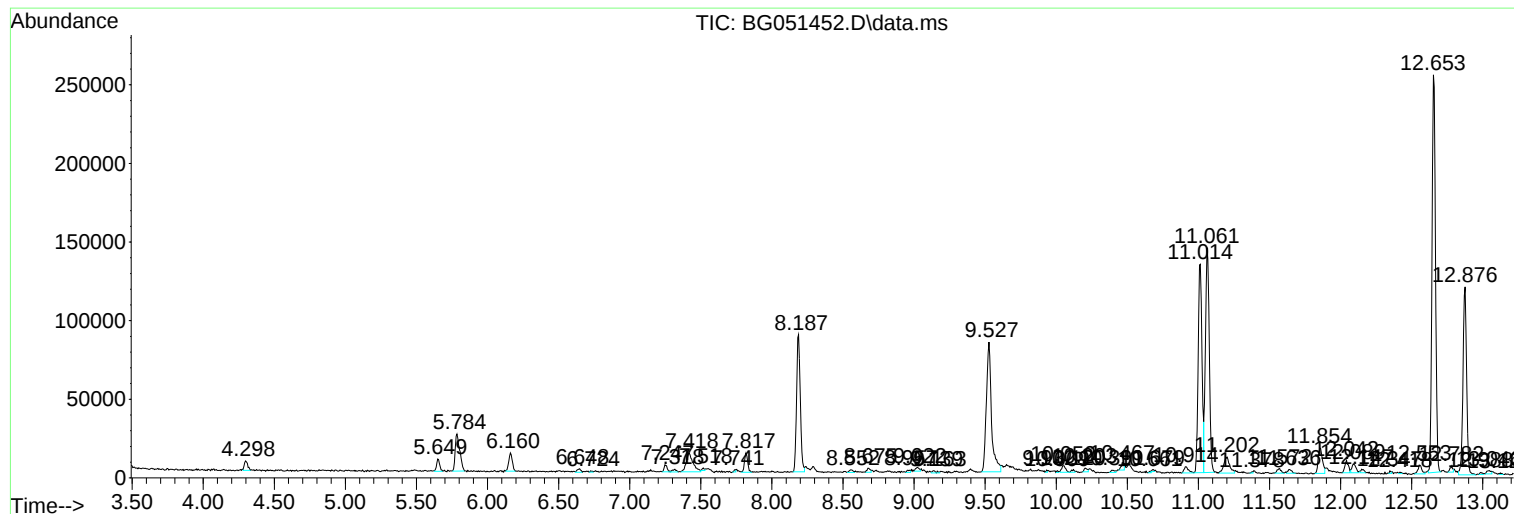
Sum of corrected areas: 4039751

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

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



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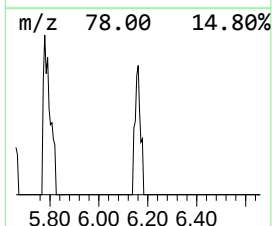
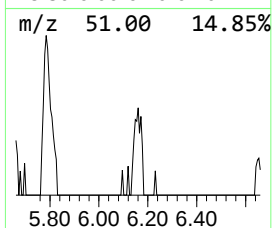
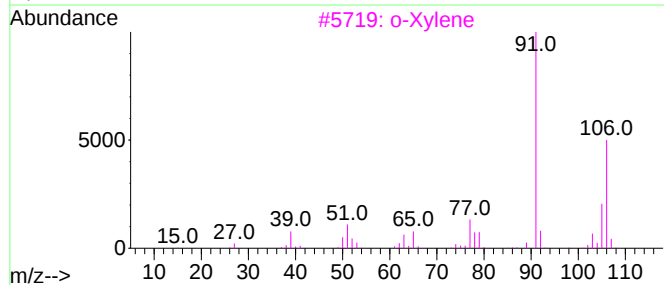
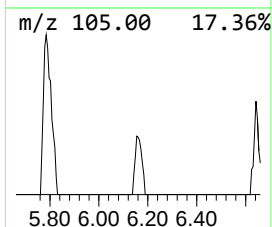
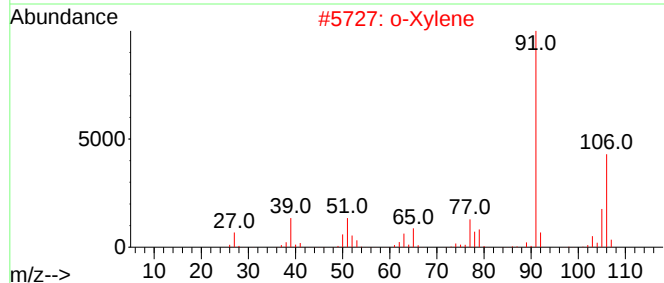
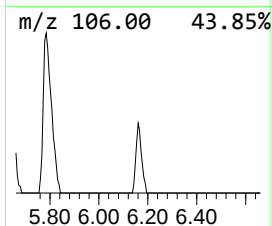
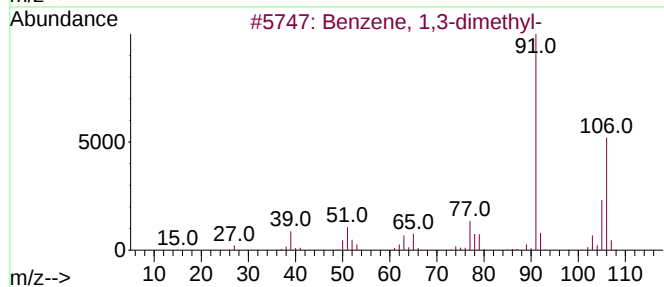
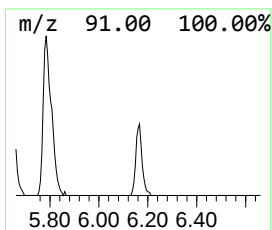
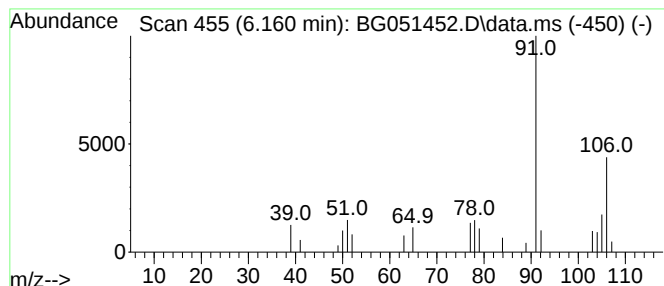
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.160	2.51 ng/ul	20032	1,4-Dichlorobenzene-d4	8.187

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90
2			o-Xylene	106	C8H10	000095-47-6	90
3			o-Xylene	106	C8H10	000095-47-6	90
4			p-Xylene	106	C8H10	000106-42-3	87
5			o-Xylene	106	C8H10	000095-47-6	87



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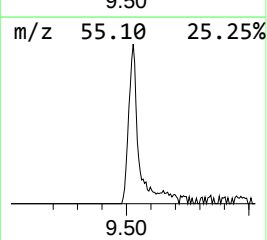
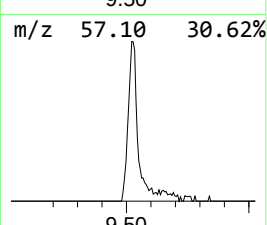
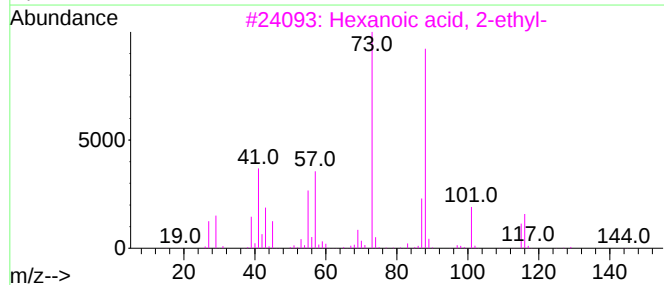
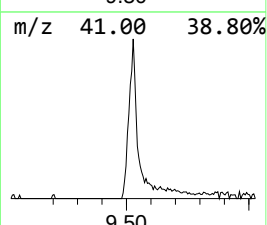
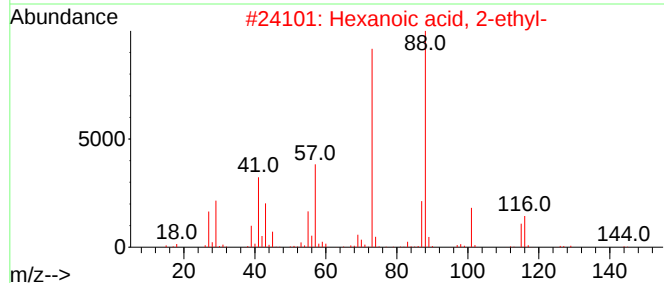
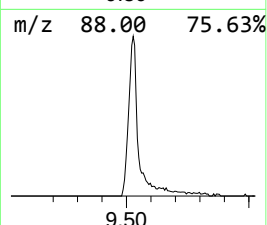
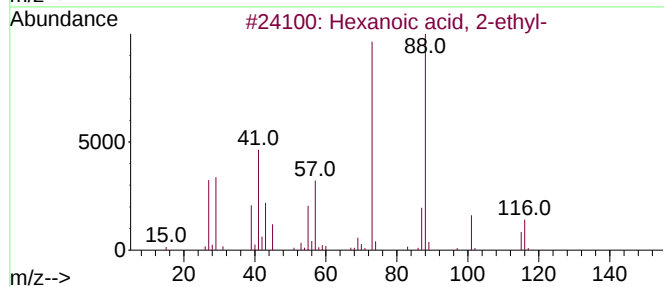
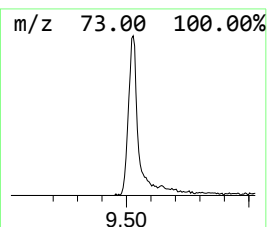
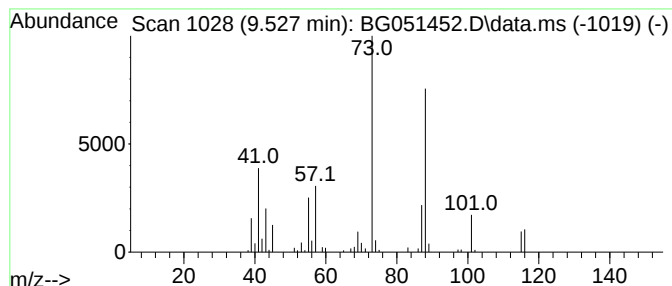
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.527	25.86 ng/ul	206073	1,4-Dichlorobenzene-d4	8.187

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
4			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
5			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64



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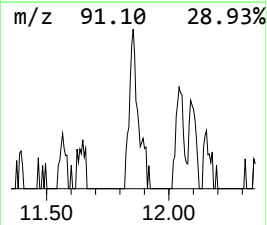
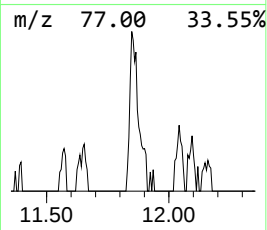
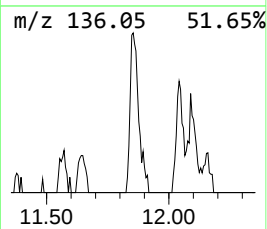
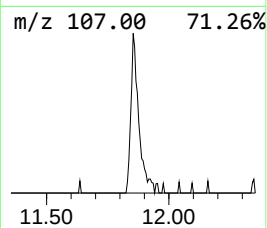
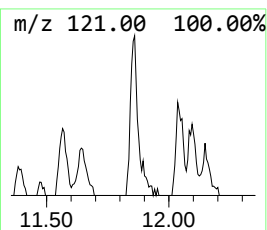
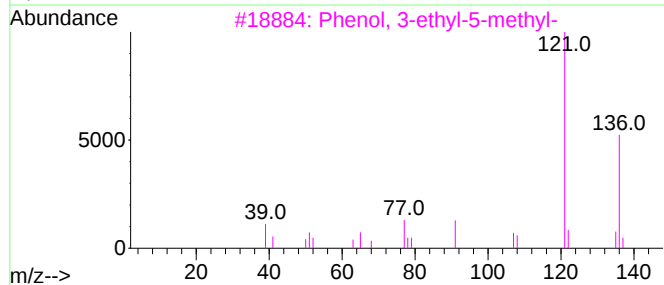
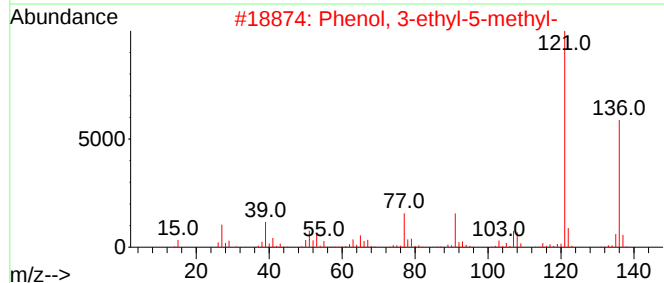
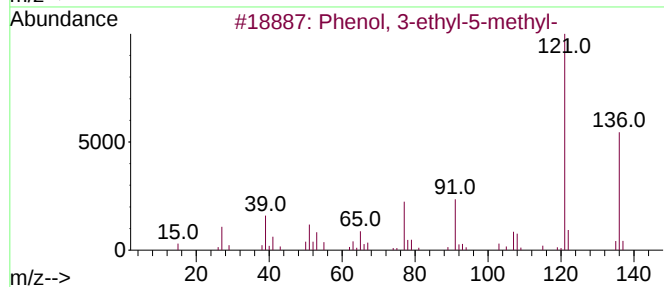
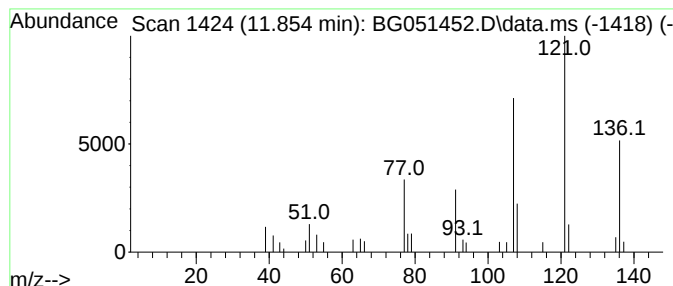
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenol, 3-ethyl-5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.854	2.69 ng/ul	33940	Naphthalene-d8	11.014

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	64
2			Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	59
3			Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	58
4			1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	58
5			Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051452.D
Acq On : 10 Dec 2021 9:52
Operator : CG/JU
Sample : M4870-08DL2 50X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKP5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.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
Benzene, 1,3-di...	6.160	2.5	ng/ul	20032	1	8.187	159349	20.0
Hexanoic acid, ...	9.527	25.9	ng/ul	206073	1	8.187	159349	20.0
Phenol, 3-ethyl...	11.854	2.7	ng/ul	33940	2	11.014	252024	20.0