

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049687.D
 Acq On : 6 Aug 2021 22:35
 Operator : CG/JU
 Sample : M3124-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0084

Integration Parameters: LSCINT.P

Integrator: RTE

Soothing : 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-BG080421.M
 Title : SVOA CALIBRATION

Signal : TIC: BG049687.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	16	20	34	rVB	156607	291190	49.62%	4.443%
2	3.429	64	66	69	rBV4	4866	5136	0.88%	0.078%
3	3.869	138	141	149	rBV4	11273	20439	3.48%	0.312%
4	5.150	357	359	362	rBV3	1451	1758	0.30%	0.027%
5	5.796	467	469	473	rBV2	1467	1941	0.33%	0.030%
6	6.031	507	509	514	rVB2	3348	2973	0.51%	0.045%
7	6.847	644	648	650	rVB3	1830	1800	0.31%	0.027%
8	7.200	701	708	714	rBV2	100707	182721	31.13%	2.788%
9	7.358	730	735	745	rBV	65224	112178	19.11%	1.712%
10	7.570	766	771	780	rVB	100487	176444	30.06%	2.692%
11	8.040	843	851	859	rBV2	98004	177995	30.33%	2.716%
12	8.751	965	972	979	rVB2	91279	155325	26.47%	2.370%
13	9.039	1018	1021	1022	rBV2	1481	1509	0.26%	0.023%
14	9.209	1044	1050	1057	rBV	102256	186369	31.76%	2.844%
15	9.368	1076	1077	1080	rVB2	2331	1807	0.31%	0.028%
16	9.767	1144	1145	1150	rVB	1220	1362	0.23%	0.021%
17	9.937	1167	1174	1185	rVB2	98480	179113	30.52%	2.733%
18	10.484	1260	1267	1276	rBV	131029	236056	40.22%	3.602%
19	10.625	1286	1291	1296	rBV3	8490	15382	2.62%	0.235%
20	10.866	1322	1332	1339	rBV	134186	250882	42.75%	3.828%
21	11.001	1348	1355	1364	rBV2	82304	160493	27.35%	2.449%
22	11.629	1459	1462	1466	rVB2	1089	1686	0.29%	0.026%
23	12.269	1568	1571	1576	rBV3	3058	4636	0.79%	0.071%
24	12.516	1609	1613	1619	rBV2	5481	9514	1.62%	0.145%
25	12.739	1648	1651	1655	rVB3	2510	3520	0.60%	0.054%
26	13.021	1693	1699	1709	rBV2	24636	53282	9.08%	0.813%
27	13.215	1729	1732	1733	rBV	1543	1631	0.28%	0.025%
28	13.509	1777	1782	1790	rBV4	4881	8153	1.39%	0.124%
29	13.750	1821	1823	1826	rVB	1721	1438	0.25%	0.022%
30	14.014	1861	1868	1873	rBV3	5269	8460	1.44%	0.129%
31	14.091	1873	1881	1890	rVV	254677	370070	63.06%	5.646%
32	14.167	1890	1894	1897	rVB2	1992	2937	0.50%	0.045%
33	14.249	1905	1908	1913	rVB2	2848	4238	0.72%	0.065%
34	14.320	1917	1920	1922	rBV	1256	1398	0.24%	0.021%
35	14.384	1924	1931	1940	rVV	252997	409675	69.80%	6.251%
36	14.578	1960	1964	1968	rVB2	5650	7771	1.32%	0.119%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

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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-BG080421.M
 Title : SVOA CALIBRATION

37	14.690	1976	1983	1992	rBV	204432	330870	56.38%	5.048%
38	14.831	2006	2007	2012	rBV	1550	1525	0.26%	0.023%
39	14.895	2012	2018	2028	rBV	88868	165614	28.22%	2.527%
40	15.089	2047	2051	2056	rBV3	6295	7725	1.32%	0.118%
41	15.301	2085	2087	2088	rBV3	2091	1387	0.24%	0.021%
42	15.354	2092	2096	2100	rVB4	2375	4207	0.72%	0.064%
43	15.412	2103	2106	2111	rBV	1587	2753	0.47%	0.042%
44	15.477	2113	2117	2118	rBV3	2870	3383	0.58%	0.052%
45	15.506	2121	2122	2123	rBV3	2474	1426	0.24%	0.022%
46	15.683	2146	2152	2159	rBV	321723	498746	84.98%	7.610%
47	15.806	2167	2173	2179	rBV	87427	128872	21.96%	1.966%
48	15.923	2191	2193	2197	rBV3	4739	5159	0.88%	0.079%
49	16.035	2210	2212	2217	rVB2	3053	3884	0.66%	0.059%
50	16.117	2225	2226	2230	rBV2	1896	2138	0.36%	0.033%
51	16.282	2251	2254	2256	rVB2	2519	2455	0.42%	0.037%
52	16.387	2269	2272	2275	rBV3	4799	6650	1.13%	0.101%
53	16.534	2295	2297	2298	rBV	1928	1886	0.32%	0.029%
54	16.893	2356	2358	2362	rVB2	2664	2200	0.37%	0.034%
55	16.975	2366	2372	2377	rBV4	5437	8890	1.51%	0.136%
56	17.010	2377	2378	2383	rBV3	1602	1747	0.30%	0.027%
57	17.092	2390	2392	2397	rVB2	4153	6852	1.17%	0.105%
58	17.151	2400	2402	2403	rBV	2550	1403	0.24%	0.021%
59	17.186	2404	2408	2413	rVB3	7595	11116	1.89%	0.170%
60	17.227	2413	2415	2418	rBV3	3352	4252	0.72%	0.065%
61	17.327	2428	2432	2437	rBV4	6249	9392	1.60%	0.143%
62	17.386	2440	2442	2446	rBV2	3771	4940	0.84%	0.075%
63	17.445	2446	2452	2456	rVV	256043	379011	64.58%	5.783%
64	17.486	2456	2459	2463	rVV	37329	52781	8.99%	0.805%
65	17.545	2463	2469	2482	rVB	324333	487742	83.11%	7.442%
66	17.633	2482	2484	2486	rBV2	3093	3850	0.66%	0.059%
67	17.692	2492	2494	2495	rVB2	2622	1377	0.23%	0.021%
68	17.715	2497	2498	2500	rBV	2194	1554	0.26%	0.024%
69	17.850	2517	2521	2524	rBV2	4654	5470	0.93%	0.083%
70	17.927	2531	2534	2537	rVB2	6784	8505	1.45%	0.130%
71	17.956	2537	2539	2540	rBV	2648	1628	0.28%	0.025%
72	18.015	2547	2549	2550	rBV	3428	2130	0.36%	0.032%
73	18.103	2560	2564	2568	rVB	9570	10920	1.86%	0.167%
74	18.179	2572	2577	2578	rBV2	2589	3468	0.59%	0.053%
75	18.203	2579	2581	2585	rBV4	5036	6441	1.10%	0.098%
76	18.267	2589	2592	2597	rBV4	7874	11030	1.88%	0.168%

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 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 >
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 Title : SVOA CALIBRATION

77	18.326	2597	2602	2607	rBV2	54879	84014	14.31%	1.282%
78	18.514	2629	2634	2638	rBV4	11940	19896	3.39%	0.304%
79	18.620	2649	2652	2654	rBV4	7429	8195	1.40%	0.125%
80	18.819	2682	2686	2689	rBV4	11096	18644	3.18%	0.284%
81	18.861	2690	2693	2698	rVB2	13338	16451	2.80%	0.251%
82	19.495	2796	2801	2807	rVB	113876	169539	28.89%	2.587%
83	19.595	2814	2818	2822	rBV5	20302	28348	4.83%	0.433%
84	19.830	2852	2858	2870	rVB2	345377	586896	100.00%	8.955%
85	21.721	3175	3180	3186	rBV2	206308	375351	63.96%	5.727%

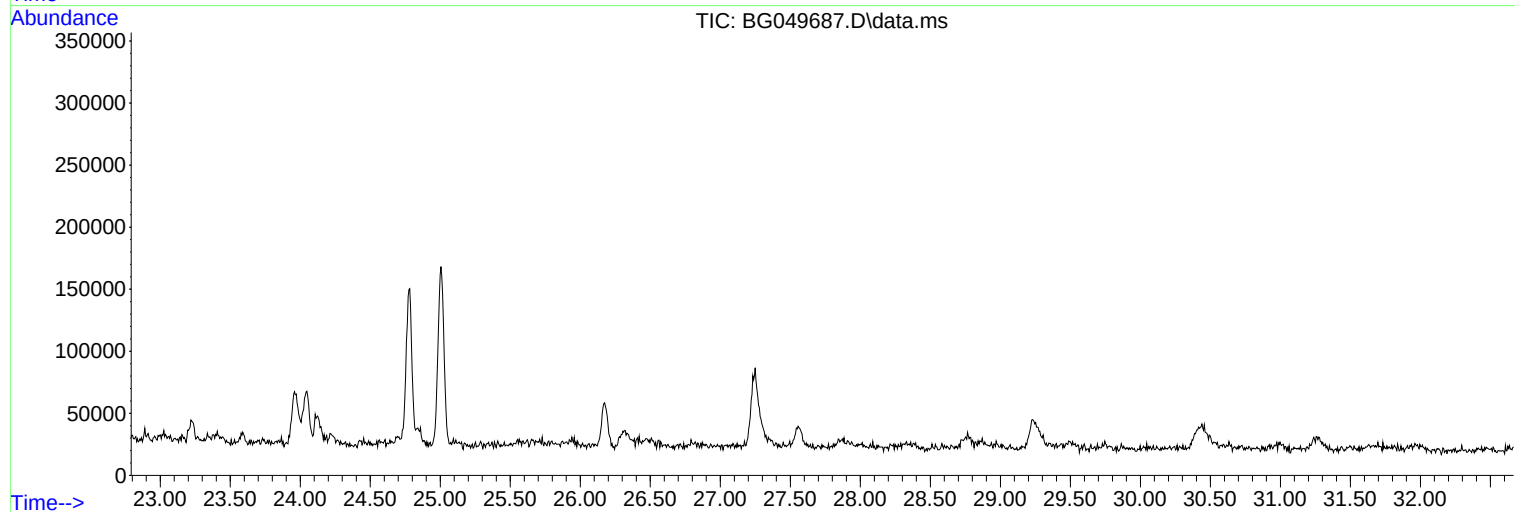
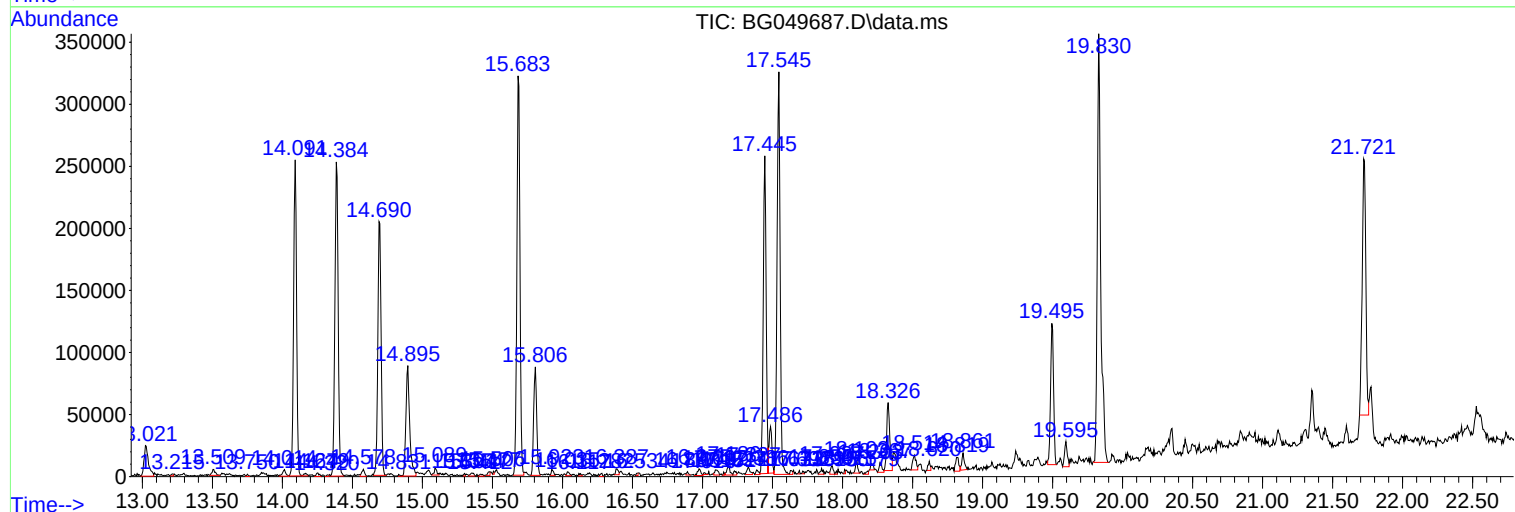
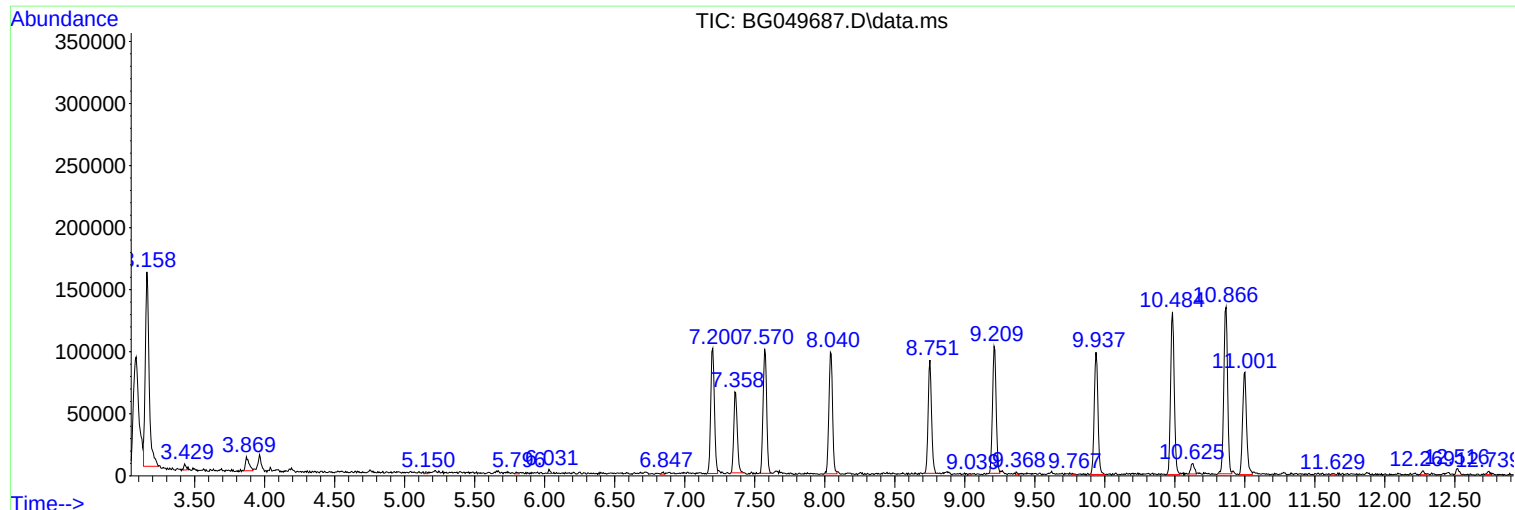
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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



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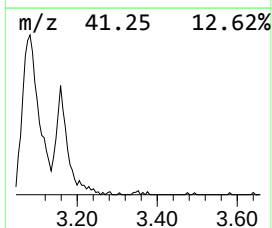
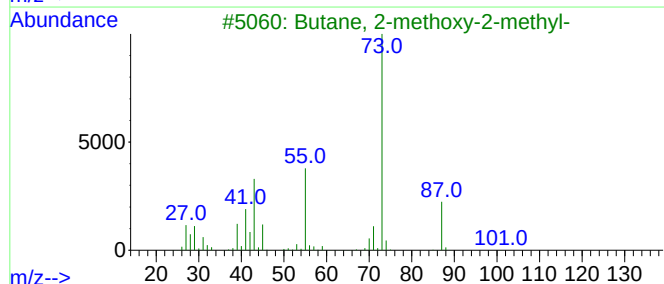
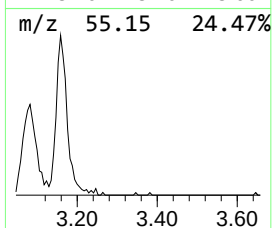
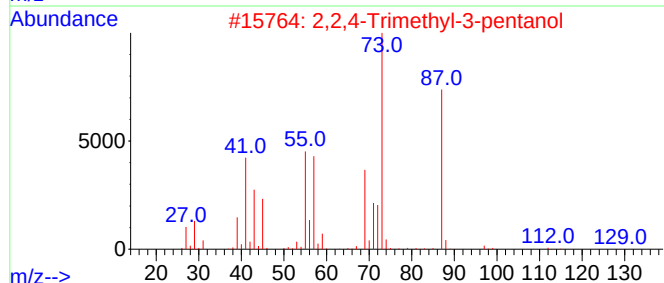
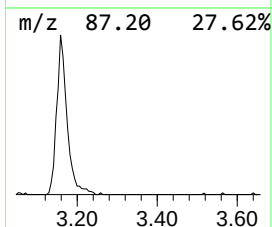
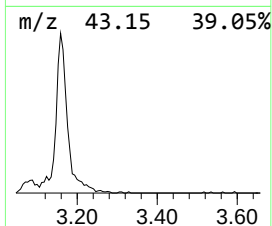
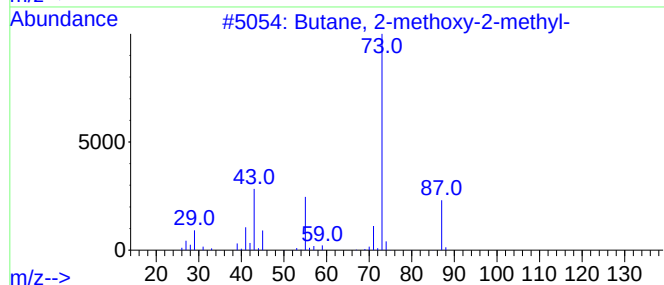
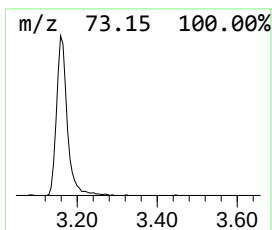
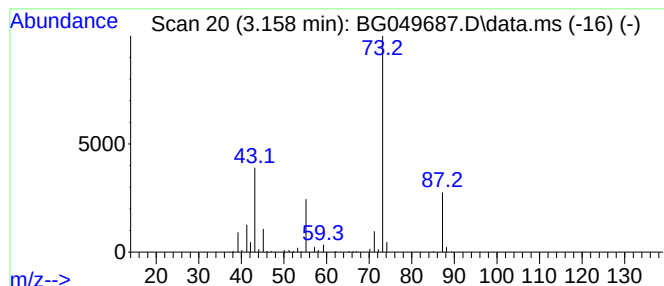
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.158	32.72 ng/ul	291190	1,4-Dichlorobenzene-d4	8.046

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
4			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25



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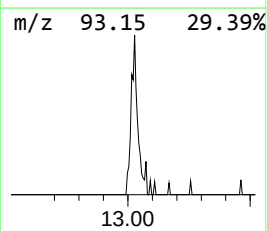
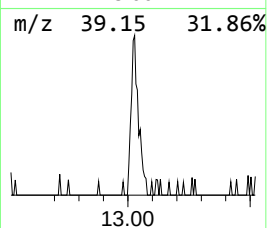
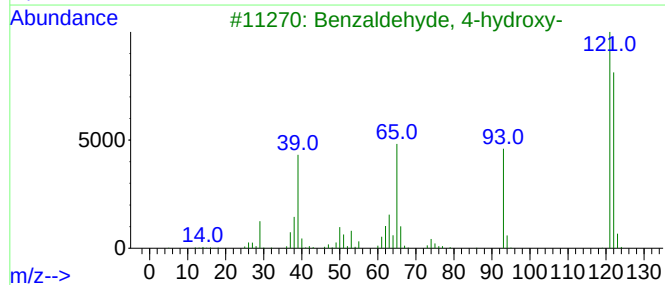
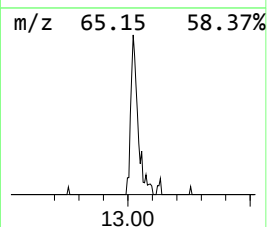
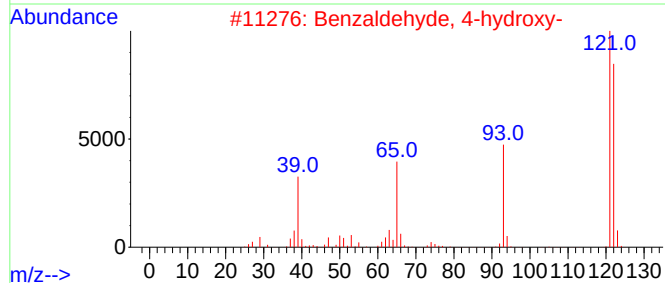
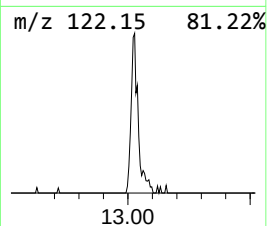
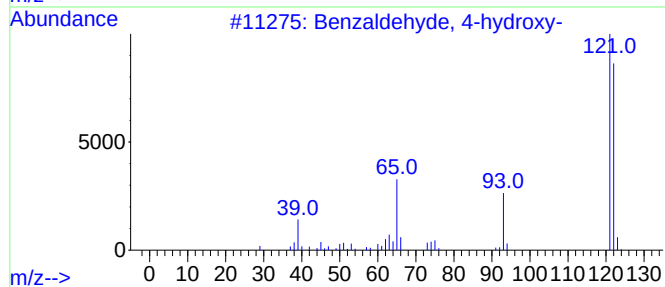
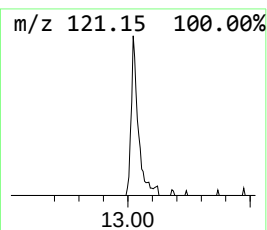
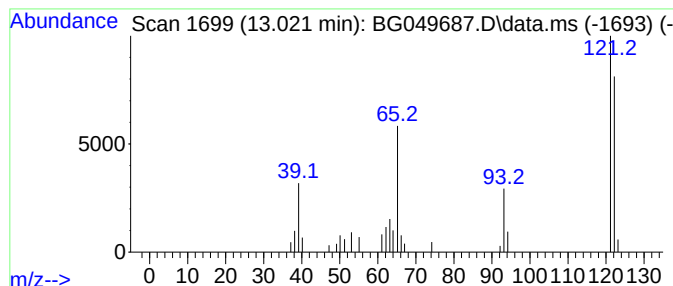
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzaldehyde, 4-hydroxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	3.22 ng/ul	53282	Acenaphthene-d10	14.690

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	91
2			Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	86
3			Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	86
4			Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	83
5			Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	60



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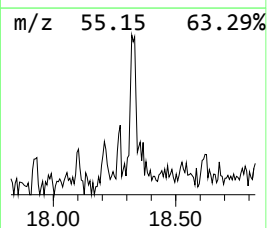
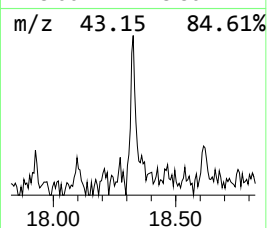
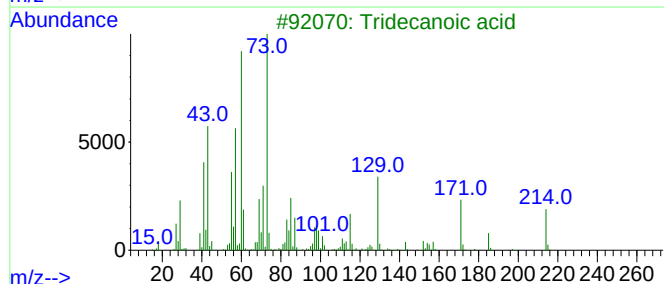
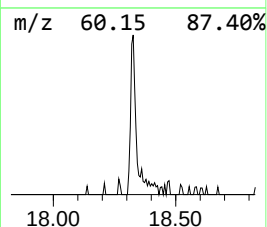
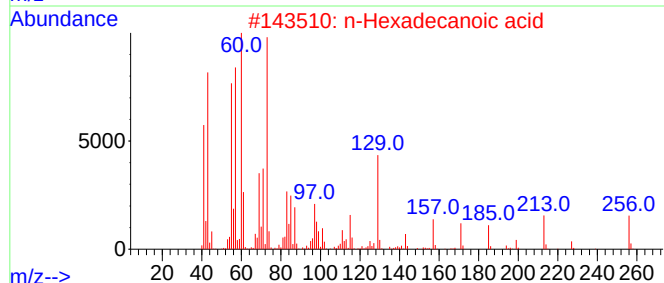
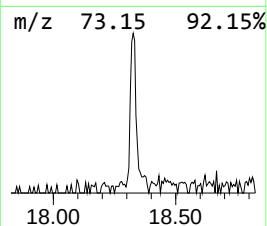
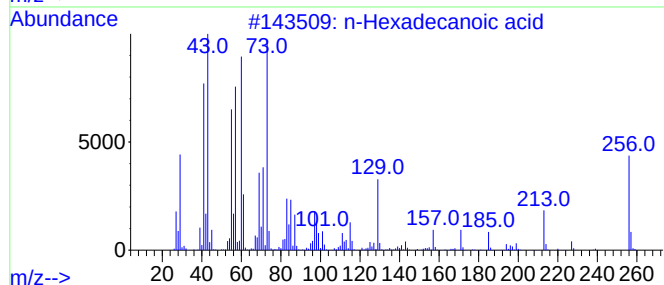
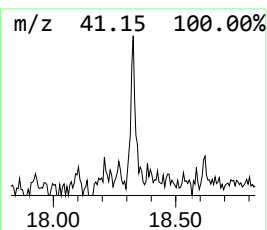
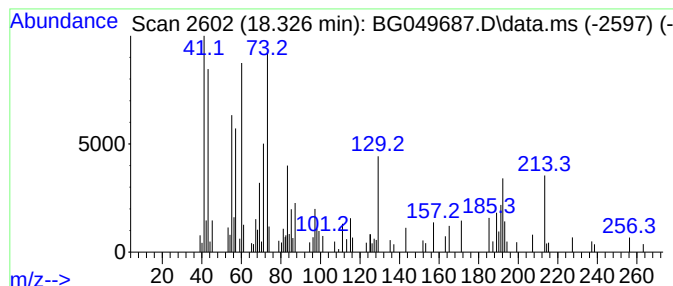
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.326	4.43 ng/ul	84014	Phenanthrene-d10	17.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
3			Tridecanoic acid	214	C13H26O2	000638-53-9	50
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	47



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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
Butane, 2-metho...	3.158	32.7	ng/ul	291190	1	8.046	177995	20.0
Benzaldehyde, 4...	13.021	3.2	ng/ul	53282	3	14.690	330870	20.0
n-Hexadecanoic ...	18.326	4.4	ng/ul	84014	4	17.445	379011	20.0