

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022676.D
 Acq On : 16 Nov 2022 08:16
 Operator : CG/JU
 Sample : N5577-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C9836

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_N\Methods\SFAM-EPA-BN111522.M
 Title : SVOA CALIBRATION

Signal : TIC: BN022676.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	31	35	43	rVB	23259	33941	1.49%	0.134%
2	3.510	86	89	92	rBV	3703	3805	0.17%	0.015%
3	3.640	108	111	134	rBV	38885	80902	3.56%	0.320%
4	3.863	143	149	156	rVB	16941	29950	1.32%	0.118%
5	3.957	161	165	170	rVB	5952	9228	0.41%	0.037%
6	4.140	191	196	199	rVB4	1420	2600	0.11%	0.010%
7	4.205	204	207	210	rVB5	2102	2933	0.13%	0.012%
8	4.357	229	233	239	rVB3	4450	6727	0.30%	0.027%
9	4.934	322	331	337	rBV2	36670	64070	2.82%	0.253%
10	6.887	658	663	667	rBV5	2751	5593	0.25%	0.022%
11	7.046	683	690	705	rVB	408273	664009	29.19%	2.627%
12	7.204	710	717	727	rBV	319356	494261	21.73%	1.956%
13	7.398	744	750	759	rBV	399812	645156	28.36%	2.553%
14	7.487	759	765	766	rBV4	2651	3773	0.17%	0.015%
15	7.693	793	800	806	rBV3	2249	5531	0.24%	0.022%
16	7.875	822	831	838	rBV	315078	499171	21.95%	1.975%
17	8.604	948	955	967	rBV	499980	801456	35.23%	3.171%
18	8.716	970	974	979	rVB	10136	14921	0.66%	0.059%
19	9.057	1024	1032	1043	rBV	389172	644142	28.32%	2.549%
20	9.175	1047	1052	1055	rBV2	2298	3841	0.17%	0.015%
21	9.222	1055	1060	1064	rVB2	2860	3589	0.16%	0.014%
22	9.440	1092	1097	1101	rBV5	3016	4791	0.21%	0.019%
23	9.781	1148	1155	1165	rBV	340655	558608	24.56%	2.210%
24	9.998	1189	1192	1195	rBV3	1702	2292	0.10%	0.009%
25	10.034	1195	1198	1206	rVB4	2128	4127	0.18%	0.016%
26	10.328	1241	1248	1265	rVB	489081	819817	36.04%	3.244%
27	10.481	1269	1274	1293	rVV	51482	105442	4.64%	0.417%
28	10.698	1304	1311	1318	rBV	445484	736361	32.37%	2.913%
29	10.851	1330	1337	1348	rBV	427403	747509	32.86%	2.957%
30	11.516	1445	1450	1456	rBV5	3002	5747	0.25%	0.023%
31	11.751	1485	1490	1496	rVB6	1261	2752	0.12%	0.011%
32	11.951	1516	1524	1526	rBV4	1436	3045	0.13%	0.012%
33	12.210	1564	1568	1576	rVB3	2018	3940	0.17%	0.016%
34	12.304	1579	1584	1592	rVB2	6685	10464	0.46%	0.041%
35	12.904	1681	1686	1694	rVB4	4437	7952	0.35%	0.031%
36	13.157	1724	1729	1736	rBV2	7756	11742	0.52%	0.046%

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37	13.451	1774	1779	1783	rVB3	5187	7287	0.32%	0.029%
38	13.557	1793	1797	1808	rVB	22553	39238	1.73%	0.155%
39	13.880	1848	1852	1859	rBV3	2799	4661	0.20%	0.018%
40	13.975	1859	1868	1883	rVV	919558	1261837	55.47%	4.992%
41	14.080	1883	1886	1889	rVB3	1695	2321	0.10%	0.009%
42	14.204	1902	1907	1909	rBV2	15036	22416	0.99%	0.089%
43	14.251	1909	1915	1924	rVB	1012642	1435195	63.10%	5.678%
44	14.439	1945	1947	1952	rVB4	2019	2788	0.12%	0.011%
45	14.557	1961	1967	1978	rBV	703866	1012559	44.52%	4.006%
46	14.727	1991	1996	2000	rBV4	2603	4371	0.19%	0.017%
47	14.786	2000	2006	2029	rVV	402149	670028	29.46%	2.651%
48	14.992	2034	2041	2049	rVB2	32345	59505	2.62%	0.235%
49	15.210	2073	2078	2080	rVB4	1938	2823	0.12%	0.011%
50	15.351	2095	2102	2105	rBV	13702	19278	0.85%	0.076%
51	15.386	2105	2108	2114	rVB2	11122	17420	0.77%	0.069%
52	15.557	2130	2137	2150	rBV	1230165	1793440	78.84%	7.096%
53	15.686	2153	2159	2173	rBV	383873	537163	23.62%	2.125%
54	15.798	2173	2178	2183	rVV2	6095	8206	0.36%	0.032%
55	15.880	2190	2192	2196	rBV4	1837	2732	0.12%	0.011%
56	15.922	2196	2199	2202	rVV2	5269	6850	0.30%	0.027%
57	15.963	2202	2206	2210	rVV3	4341	6007	0.26%	0.024%
58	16.016	2212	2215	2219	rBV4	2930	4008	0.18%	0.016%
59	16.104	2226	2230	2239	rBV5	3707	7226	0.32%	0.029%
60	16.192	2241	2245	2246	rVV4	2545	3076	0.14%	0.012%
61	16.233	2249	2252	2254	rVV2	3960	4845	0.21%	0.019%
62	16.269	2254	2258	2267	rVV5	10004	21160	0.93%	0.084%
63	16.333	2267	2269	2274	rVB5	3268	4826	0.21%	0.019%
64	16.451	2282	2289	2294	rBV3	9611	13830	0.61%	0.055%
65	16.722	2332	2335	2339	rVB4	2726	3746	0.16%	0.015%
66	16.792	2339	2347	2350	rVB6	5064	8725	0.38%	0.035%
67	16.845	2350	2356	2360	rBV7	2175	4842	0.21%	0.019%
68	17.063	2385	2393	2397	rBV3	14152	25689	1.13%	0.102%
69	17.110	2397	2401	2412	rVB7	7469	15702	0.69%	0.062%
70	17.227	2412	2421	2425	rBV	22567	33021	1.45%	0.131%
71	17.321	2430	2437	2443	rVV	824352	1182187	51.97%	4.677%
72	17.421	2447	2454	2462	rVV	1356082	1987167	87.36%	7.862%
73	17.521	2466	2471	2480	rVB3	42459	61604	2.71%	0.244%
74	17.610	2482	2486	2489	rBV4	6181	9367	0.41%	0.037%
75	17.810	2516	2520	2525	rBV4	7393	10591	0.47%	0.042%
76	17.986	2546	2550	2554	rVB2	20884	26407	1.16%	0.104%

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77	18.092	2563	2568	2573	rBV7	8724	18165	0.80%	0.072%
78	18.216	2584	2589	2599	rBV	128846	189938	8.35%	0.751%
79	18.292	2599	2602	2605	rVV	8482	11152	0.49%	0.044%
80	18.504	2635	2638	2643	rBV3	9807	16403	0.72%	0.065%
81	19.145	2744	2747	2751	rBV2	9501	11588	0.51%	0.046%
82	19.286	2768	2771	2775	rBV3	17957	25194	1.11%	0.100%
83	19.357	2779	2783	2785	rBV	32598	42403	1.86%	0.168%
84	19.498	2803	2807	2812	rBV	69540	97982	4.31%	0.388%
85	19.727	2840	2846	2851	rBV	1666682	2274644	100.00%	8.999%
86	20.262	2934	2937	2940	rVB	32298	34345	1.51%	0.136%
87	20.757	3018	3021	3025	rBV	50827	54181	2.38%	0.214%
88	21.227	3097	3101	3111	rVB	150407	230067	10.11%	0.910%
89	21.527	3147	3152	3161	rVB	989466	1260972	55.44%	4.989%
90	21.668	3174	3176	3186	rVB	65161	85170	3.74%	0.337%
91	22.133	3252	3255	3261	rBV	70223	88039	3.87%	0.348%
92	23.198	3433	3436	3442	rVB2	72272	106296	4.67%	0.421%
93	23.803	3531	3539	3553	rVB	1057653	2193534	96.43%	8.679%
94	23.956	3559	3565	3576	rVB2	546811	1146854	50.42%	4.537%

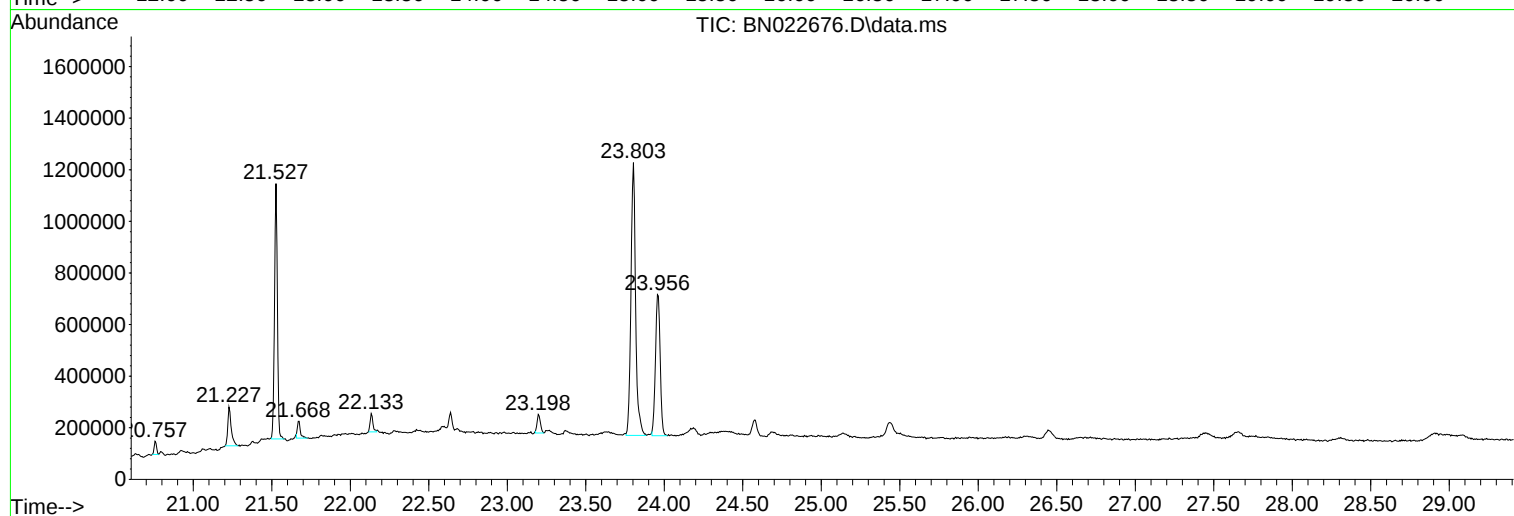
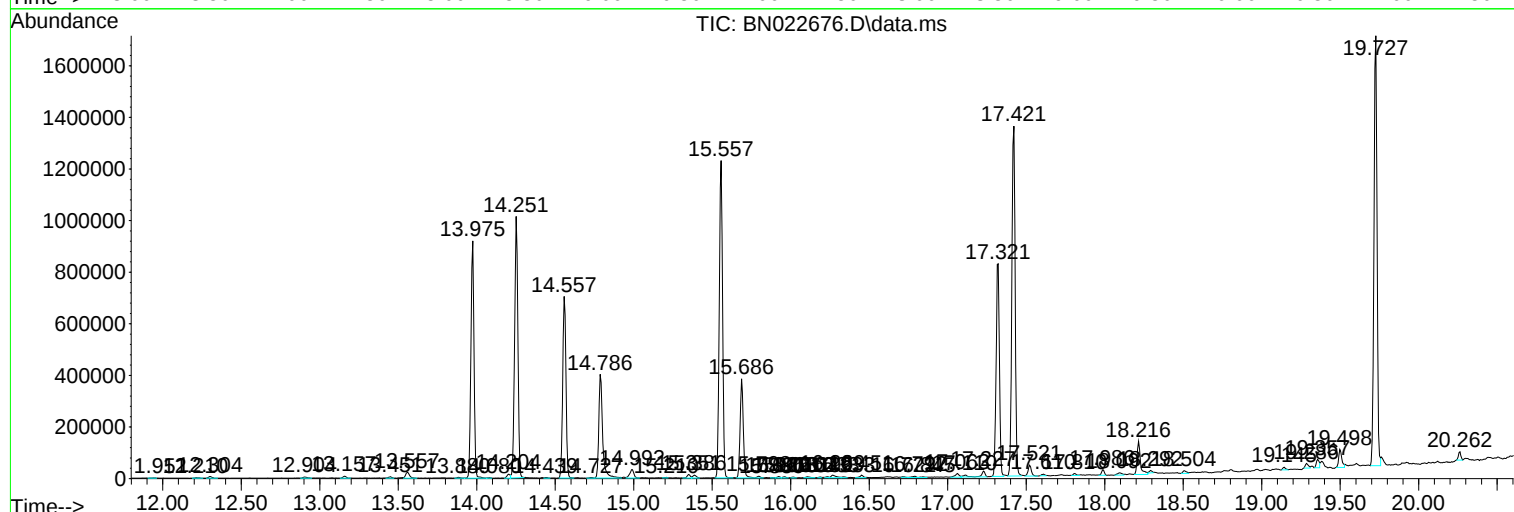
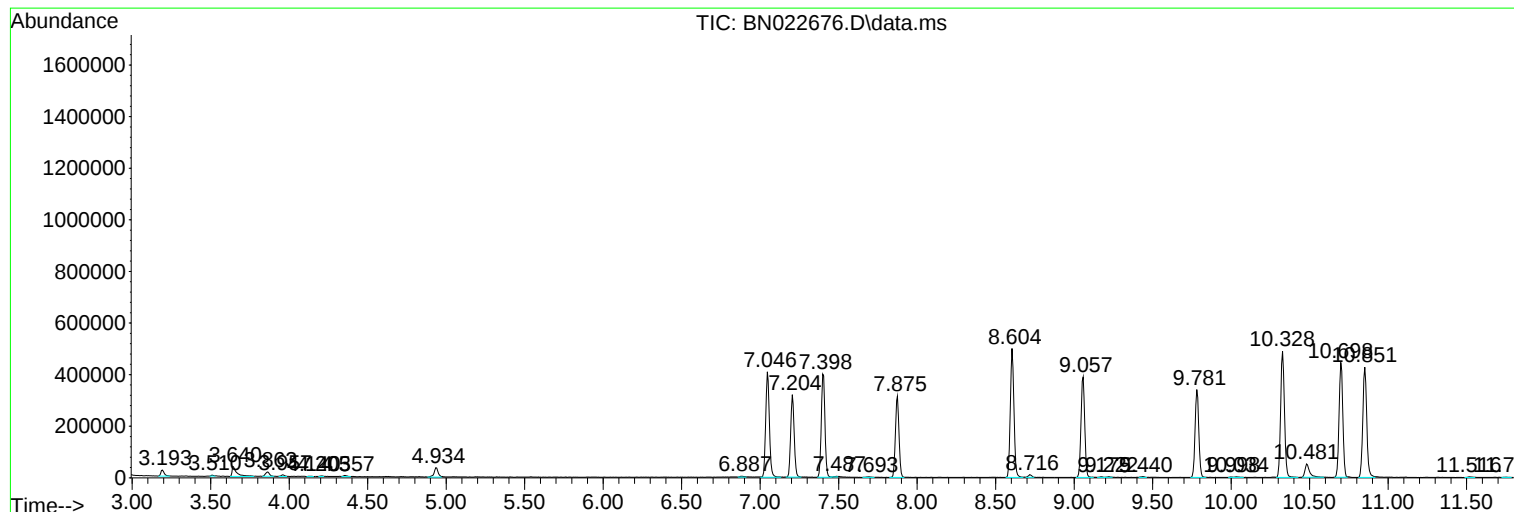
Sum of corrected areas: 25275259

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

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



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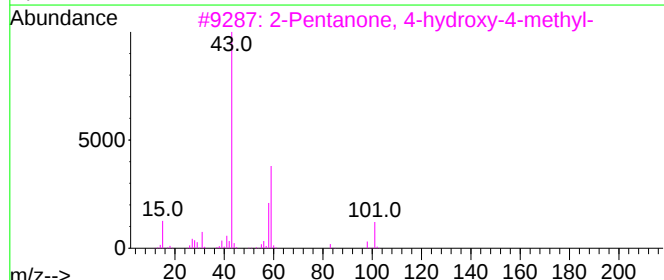
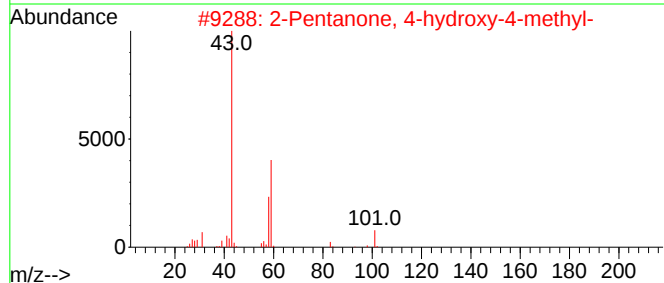
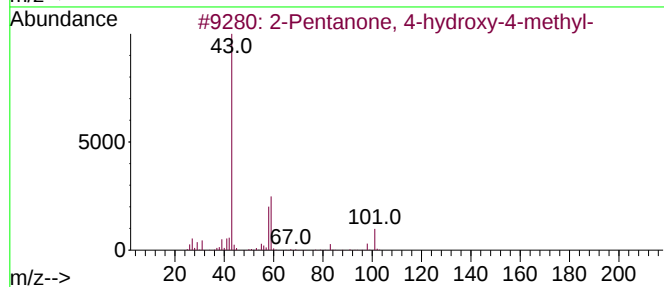
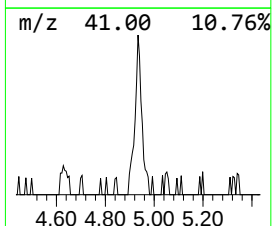
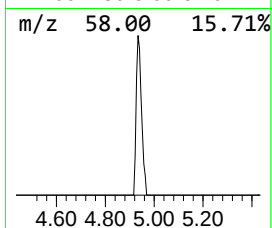
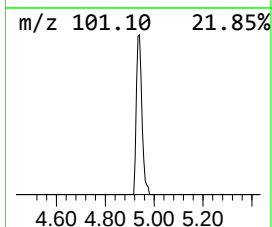
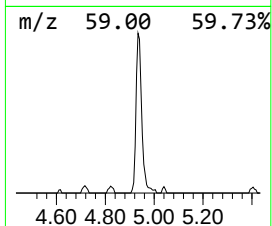
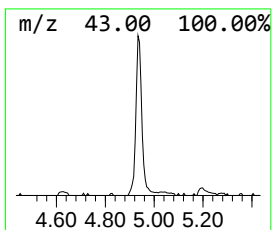
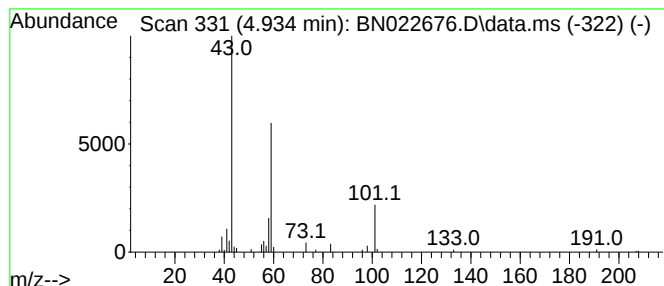
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.934	2.57 ng/ul	64070	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40		
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38		



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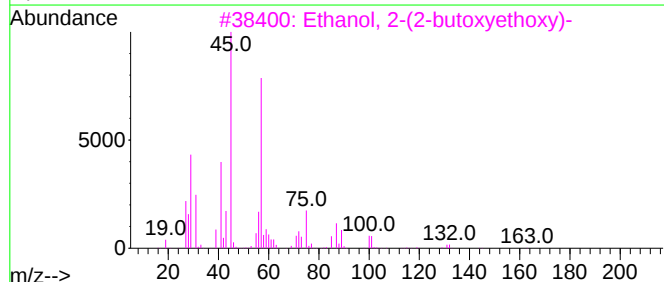
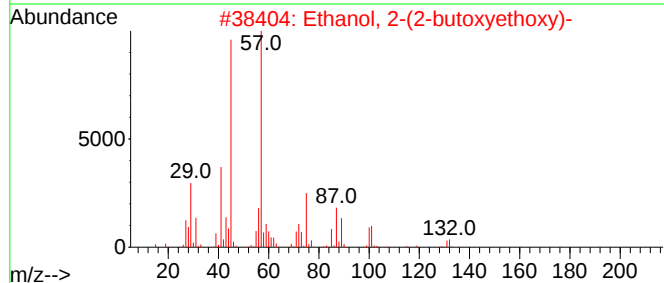
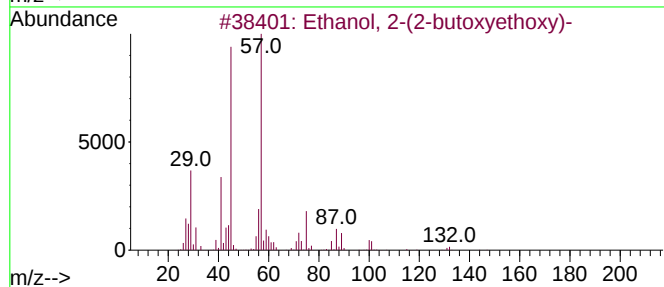
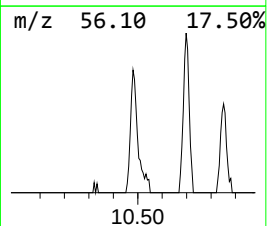
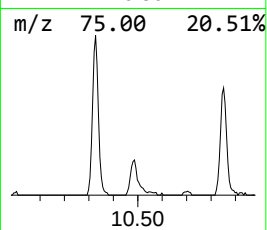
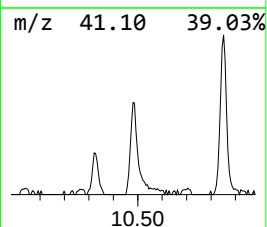
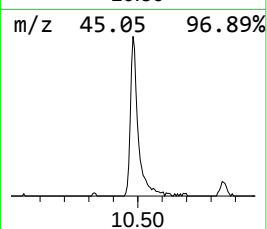
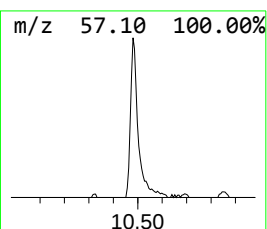
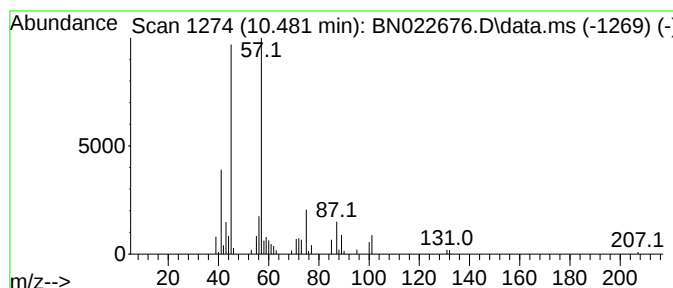
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.481	2.86 ng/ul	105442	Naphthalene-d8	10.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
4			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64



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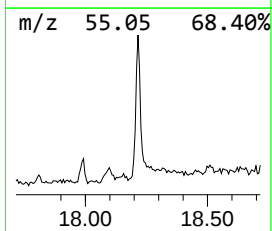
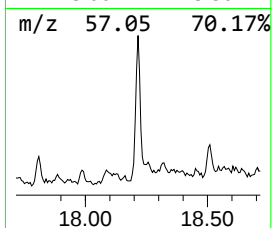
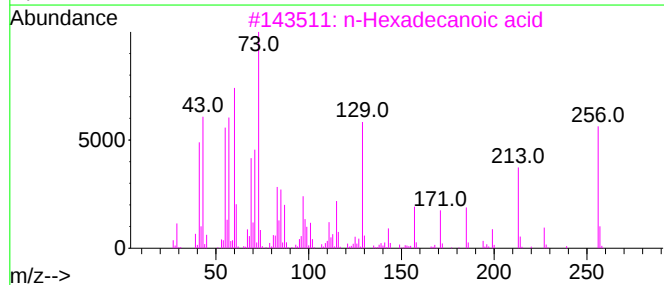
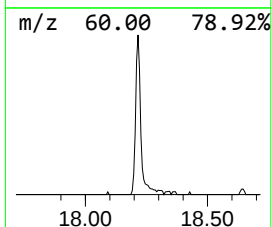
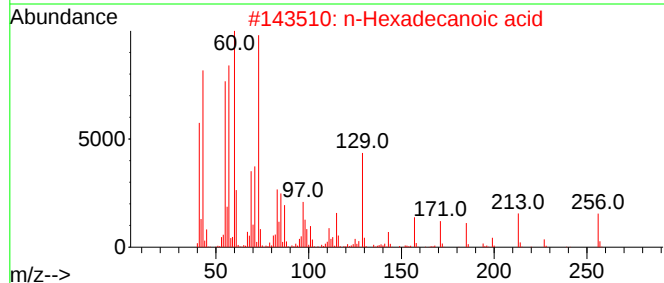
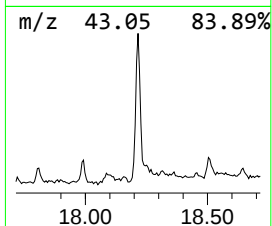
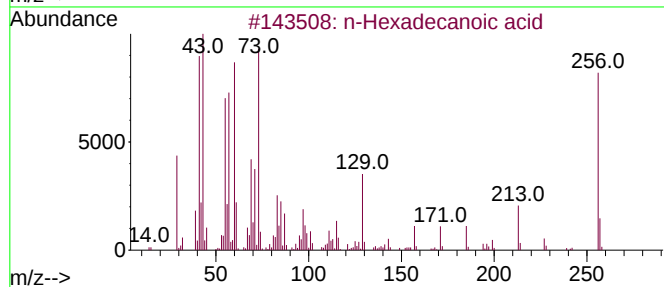
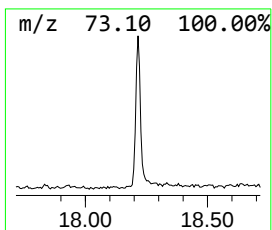
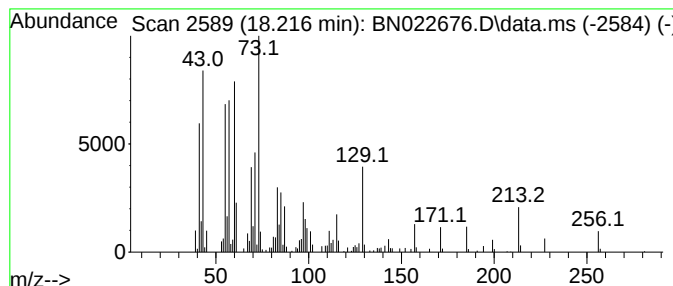
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.215	3.21 ng/ul	189938	Phenanthrene-d10	17.322

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	99		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98		
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96		
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022676.D
Acq On : 16 Nov 2022 08:16
Operator : CG/JU
Sample : N5577-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

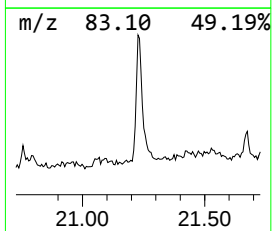
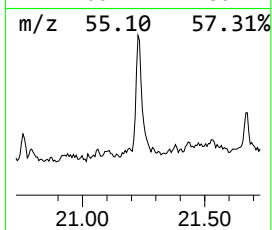
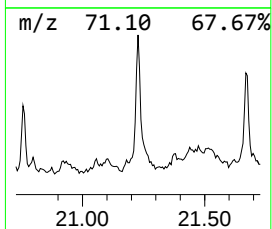
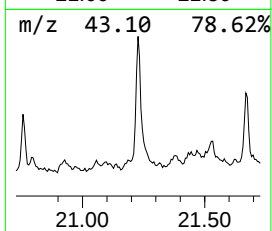
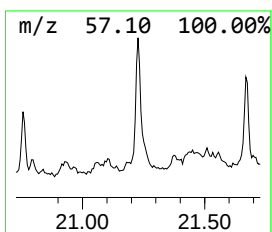
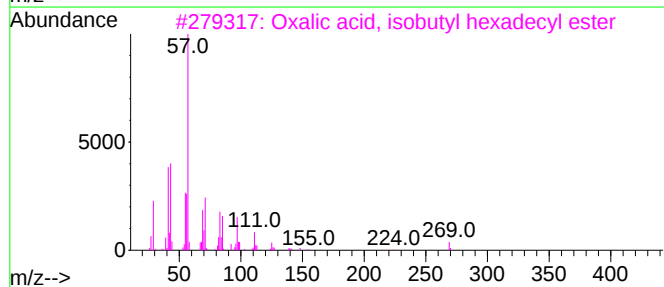
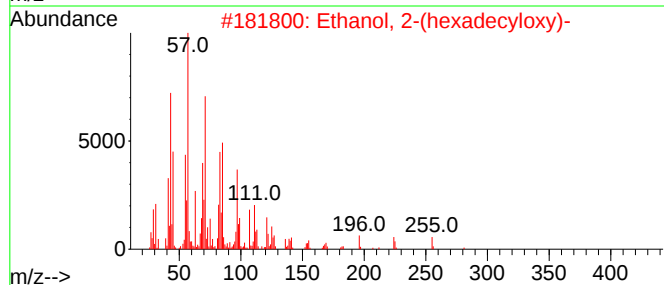
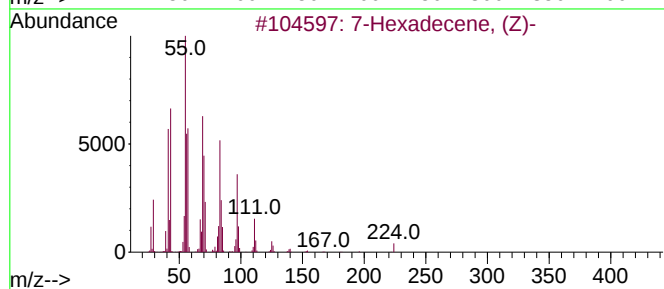
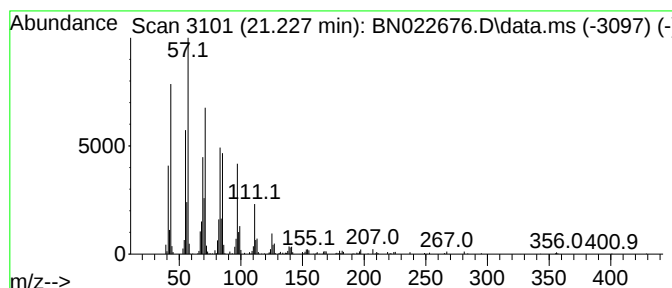
Instrument :
BNA_N
ClientSampleId :
C9836

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.227	3.65 ng/ul	230067	Chrysene-d12		21.527	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-		224	C16H32	035507-09-6	91
2	Ethanol, 2-(hexadecyloxy)-		286	C18H38O2	002136-71-2	91
3	Oxalic acid, isobutyl hexadecyl ...		370	C22H42O4	1000309-38-1	91
4	Oxalic acid, isobutyl heptadecyl...		384	C23H44O4	1000309-38-2	91
5	Oxalic acid, isobutyl octadecyl ...		398	C24H46O4	1000309-38-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022676.D
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Operator : CG/JU
Sample : N5577-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C9836

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.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-Pentanone, 4-...	4.934	2.6	ng/ul	64070	1	7.875	499171	20.0
Ethanol, 2-(2-b...	10.481	2.9	ng/ul	105442	2	10.698	736361	20.0
n-Hexadecanoic ...	18.215	3.2	ng/ul	189938	4	17.322	1182190	20.0
(DEL) Alkane: S...	21.227	3.6	ng/ul	230067	5	21.527	1260970	20.0