

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050338.D
 Acq On : 1 Oct 2021 1:24
 Operator : CG/JU
 Sample : M3777-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

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-BG093021.M
 Title : SVOA CALIBRATION

Signal : TIC: BG050338.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.634	20	25	30	rBV	10269	13666	0.95%	0.106%
2	3.910	68	72	77	rBV	12891	19589	1.36%	0.151%
3	4.063	93	98	109	rVV	54805	97533	6.79%	0.754%
4	4.163	114	115	121	rVB4	1188	1933	0.13%	0.015%
5	4.298	134	138	144	rVB2	5618	9807	0.68%	0.076%
6	4.398	152	155	159	rBV3	2942	4846	0.34%	0.037%
7	4.715	206	209	211	rBV3	1365	2007	0.14%	0.016%
8	5.338	310	315	320	rBV4	4126	7253	0.51%	0.056%
9	6.319	479	482	488	rVB4	3140	4671	0.33%	0.036%
10	6.425	495	500	505	rBV5	899	2282	0.16%	0.018%
11	6.684	540	544	547	rVB4	1289	2041	0.14%	0.016%
12	7.400	660	666	677	rVB5	22696	50943	3.55%	0.394%
13	7.588	690	698	707	rBV	130583	231502	16.13%	1.790%
14	7.794	727	733	740	rBV	68383	117725	8.20%	0.910%
15	7.865	740	745	751	rVV5	3675	5807	0.40%	0.045%
16	8.270	807	814	827	rBV	149132	273187	19.03%	2.112%
17	8.499	848	853	855	rVB2	1246	1920	0.13%	0.015%
18	8.957	922	931	940	rBV	67738	118684	8.27%	0.918%
19	9.439	1006	1013	1022	rBV	171311	301296	20.99%	2.330%
20	9.521	1022	1027	1029	rVB3	1542	2406	0.17%	0.019%
21	9.592	1034	1039	1043	rVB4	3297	5561	0.39%	0.043%
22	9.821	1076	1078	1084	rBV4	2505	3996	0.28%	0.031%
23	10.168	1129	1137	1144	rVB2	63175	113734	7.92%	0.879%
24	10.702	1221	1228	1237	rVB	103580	181531	12.64%	1.404%
25	10.849	1244	1253	1262	rBV	297326	496089	34.56%	3.836%
26	11.096	1288	1295	1303	rVB	200141	364769	25.41%	2.821%
27	11.225	1309	1317	1326	rVB	156891	296684	20.67%	2.294%
28	12.036	1449	1455	1459	rBV4	1583	3072	0.21%	0.024%
29	12.089	1461	1464	1468	rVB2	1428	2178	0.15%	0.017%
30	12.318	1499	1503	1509	rVB3	1549	2490	0.17%	0.019%
31	12.547	1539	1542	1544	rBV2	2169	2068	0.14%	0.016%
32	12.588	1544	1549	1557	rVB2	20022	30272	2.11%	0.234%
33	12.665	1557	1562	1566	rBV5	4010	6910	0.48%	0.053%
34	13.252	1657	1662	1666	rBV4	3066	3776	0.26%	0.029%
35	13.493	1696	1703	1709	rVB5	5199	8121	0.57%	0.063%
36	13.693	1734	1737	1740	rBV3	3742	6027	0.42%	0.047%

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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-BG093021.M
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37	13.717	1740	1741	1745	rVV3	3408	3991	0.28%	0.031%
38	13.769	1745	1750	1754	rVV2	7475	13060	0.91%	0.101%
39	14.075	1793	1802	1807	rVV3	2273	4475	0.31%	0.035%
40	14.281	1828	1837	1843	rBV	390459	588689	41.01%	4.552%
41	14.510	1871	1876	1882	rVB4	6125	10443	0.73%	0.081%
42	14.586	1882	1889	1896	rBV	428346	697014	48.55%	5.390%
43	14.756	1915	1918	1925	rVB3	4141	6488	0.45%	0.050%
44	14.892	1933	1941	1948	rVB	321536	527678	36.76%	4.080%
45	14.956	1948	1952	1956	rVB2	1684	2364	0.16%	0.018%
46	15.044	1958	1967	1975	rBV3	23135	38852	2.71%	0.300%
47	15.215	1989	1996	1998	rVV4	1214	2290	0.16%	0.018%
48	15.262	2000	2004	2006	rBV4	2760	3178	0.22%	0.025%
49	15.444	2032	2035	2040	rBV4	1417	1887	0.13%	0.015%
50	15.608	2059	2063	2066	rVB3	5184	6953	0.48%	0.054%
51	15.655	2066	2071	2072	rBV4	3909	5254	0.37%	0.041%
52	15.708	2077	2080	2083	rVB4	4391	4943	0.34%	0.038%
53	15.879	2101	2109	2118	rVV	584165	939677	65.46%	7.266%
54	15.973	2120	2125	2133	rBV	82597	125596	8.75%	0.971%
55	16.114	2144	2149	2154	rBV4	4308	7304	0.51%	0.056%
56	16.266	2172	2175	2177	rVB3	2203	2275	0.16%	0.018%
57	16.313	2180	2183	2191	rVB8	6847	12408	0.86%	0.096%
58	16.396	2191	2197	2198	rBV3	3176	4028	0.28%	0.031%
59	16.502	2209	2215	2218	rBV4	1577	2640	0.18%	0.020%
60	16.566	2223	2226	2232	rVB4	2452	5262	0.37%	0.041%
61	16.648	2237	2240	2246	rVB4	3127	4364	0.30%	0.034%
62	16.748	2252	2257	2263	rVV6	5450	10033	0.70%	0.078%
63	16.919	2283	2286	2289	rBV3	1462	1878	0.13%	0.015%
64	16.983	2290	2297	2298	rBV4	2340	3005	0.21%	0.023%
65	17.212	2333	2336	2337	rBV2	2787	2186	0.15%	0.017%
66	17.230	2337	2339	2344	rVB3	1808	2516	0.18%	0.019%
67	17.365	2359	2362	2365	rVB3	3260	3867	0.27%	0.030%
68	17.424	2367	2372	2373	rBV4	3289	5354	0.37%	0.041%
69	17.524	2384	2389	2391	rVB5	2990	3488	0.24%	0.027%
70	17.630	2401	2407	2414	rVV	444109	698998	48.69%	5.405%
71	17.729	2416	2424	2432	rVV	730461	1139242	79.36%	8.809%
72	17.806	2432	2437	2438	rBV3	3969	3961	0.28%	0.031%
73	17.894	2448	2452	2453	rBV4	2297	2442	0.17%	0.019%
74	17.929	2457	2458	2463	rVV5	2634	2679	0.19%	0.021%
75	17.982	2463	2467	2471	rVV5	3755	6129	0.43%	0.047%
76	18.153	2494	2496	2500	rVB3	4985	5097	0.36%	0.039%

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Integrator: RTE
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 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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 Peak separation: 5

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77	18.276	2512	2517	2523	rVB2	68198	86895	6.05%	0.672%
78	18.364	2528	2532	2534	rBV5	3255	5429	0.38%	0.042%
79	18.493	2549	2554	2565	rVV	120394	184198	12.83%	1.424%
80	18.570	2565	2567	2572	rVB2	7310	10713	0.75%	0.083%
81	18.793	2602	2605	2607	rBV3	2751	3384	0.24%	0.026%
82	18.828	2607	2611	2612	rVV4	1801	2682	0.19%	0.021%
83	19.210	2674	2676	2679	rBV4	2799	2796	0.19%	0.022%
84	19.239	2679	2681	2682	rBV2	1946	1875	0.13%	0.014%
85	19.269	2684	2686	2687	rBV2	3006	2001	0.14%	0.015%
86	19.328	2693	2696	2697	rBV3	2179	2382	0.17%	0.018%
87	19.345	2697	2699	2700	rBV	3463	2405	0.17%	0.019%
88	19.404	2706	2709	2710	rBV3	9482	8229	0.57%	0.064%
89	19.433	2710	2714	2721	rVB3	76480	90321	6.29%	0.698%
90	19.568	2732	2737	2741	rBV6	18062	28017	1.95%	0.217%
91	19.615	2741	2745	2746	rBV4	11544	14413	1.00%	0.111%
92	19.639	2746	2749	2753	rVB2	15212	21259	1.48%	0.164%
93	19.751	2764	2768	2775	rBV3	79265	115844	8.07%	0.896%
94	20.003	2805	2811	2818	rBV	967087	1435596	100.00%	11.101%
95	20.479	2889	2892	2894	rBV3	8781	11409	0.79%	0.088%
96	21.537	3068	3072	3083	rVB	134406	222010	15.46%	1.717%
97	21.801	3113	3117	3122	rVB2	30806	47233	3.29%	0.365%
98	21.936	3133	3140	3146	rBV	441416	788795	54.95%	6.099%
99	25.127	3671	3683	3696	rBV2	430905	1294679	90.18%	10.011%
100	25.362	3713	3723	3738	rVB2	254584	841298	58.60%	6.505%

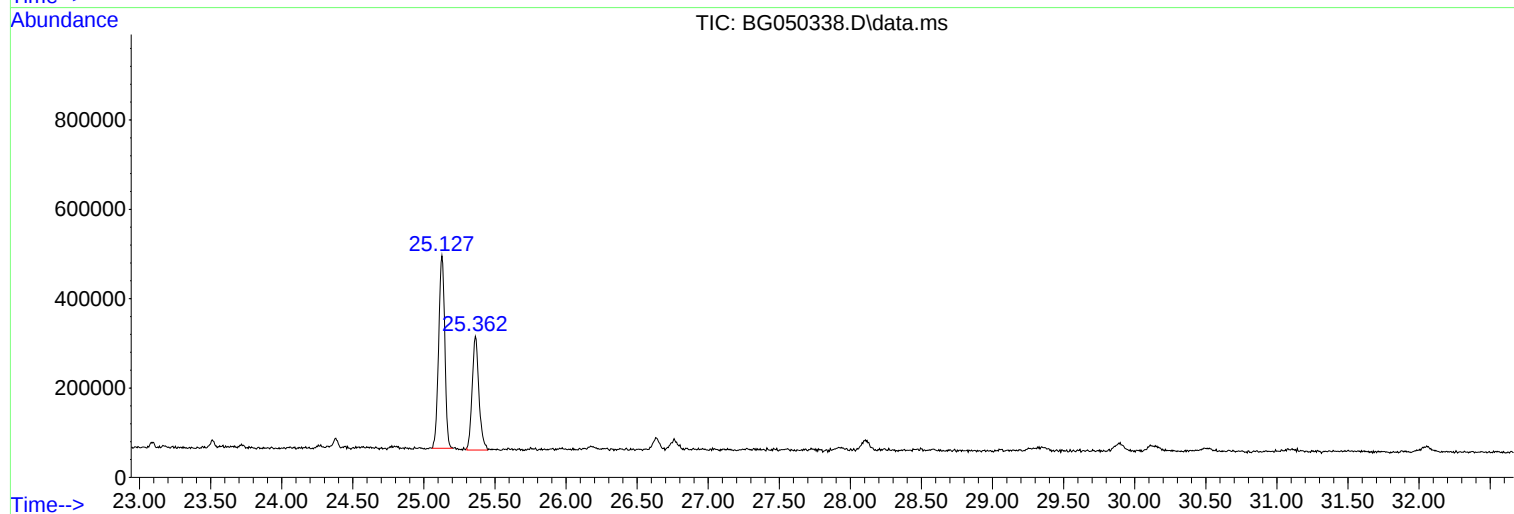
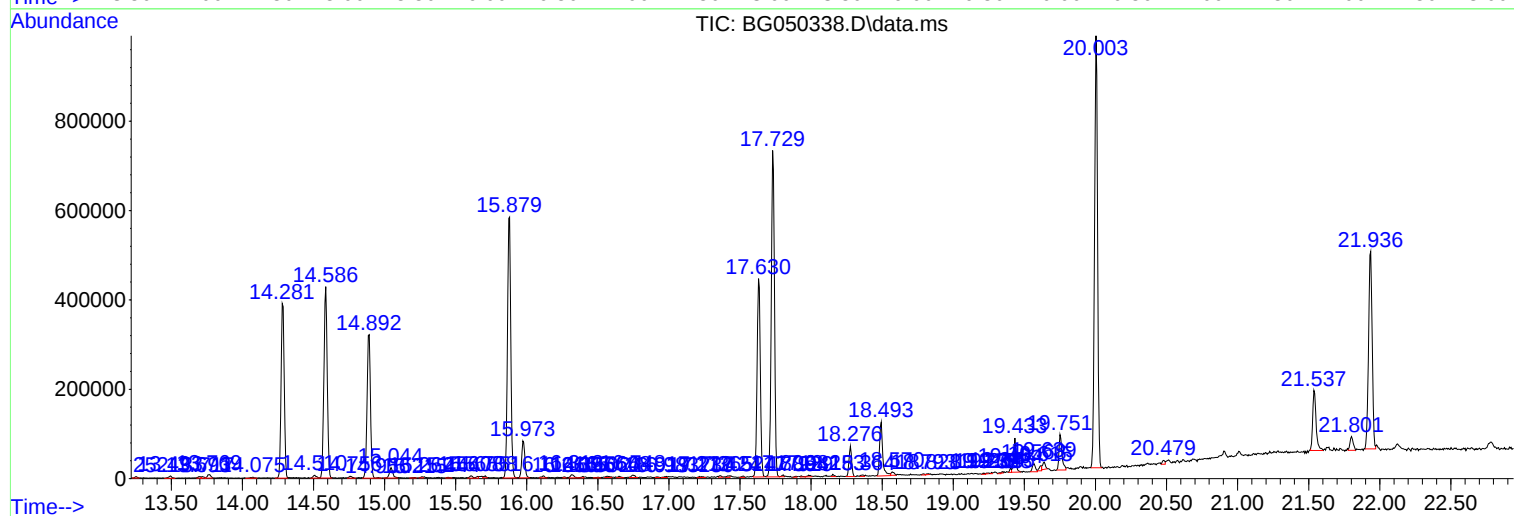
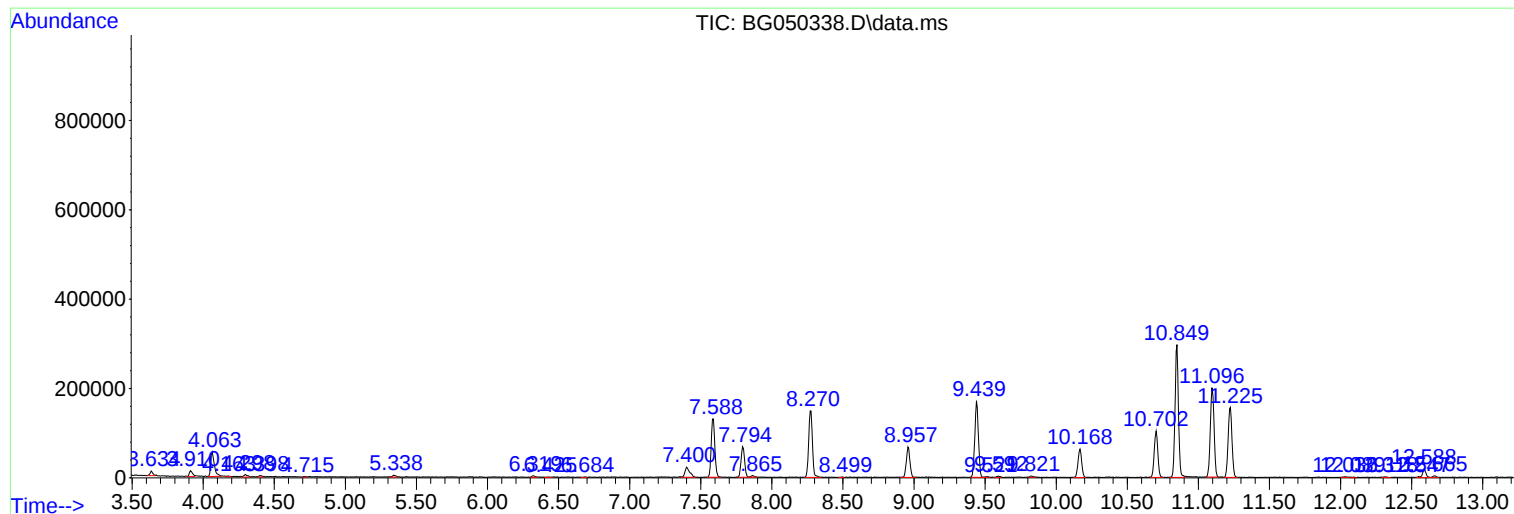
Sum of corrected areas: 12932227

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Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

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



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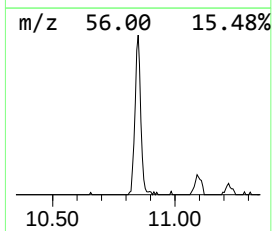
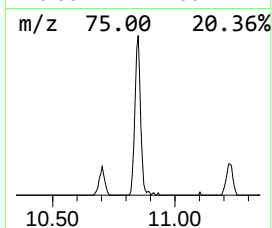
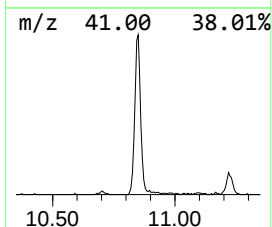
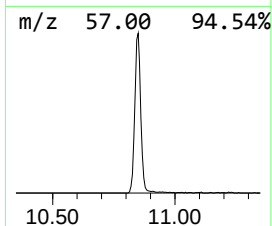
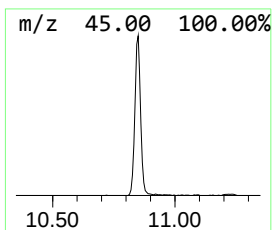
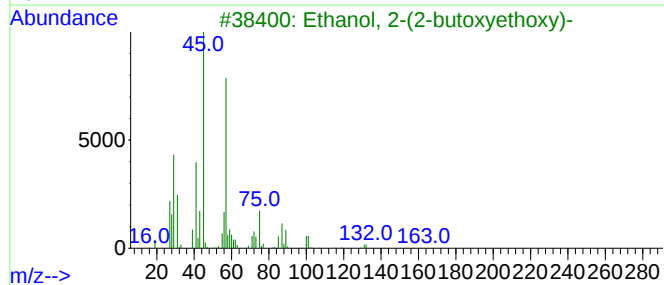
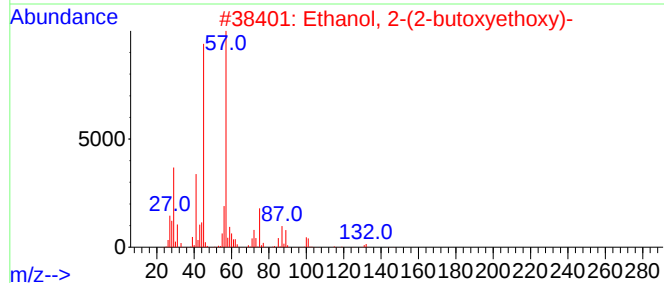
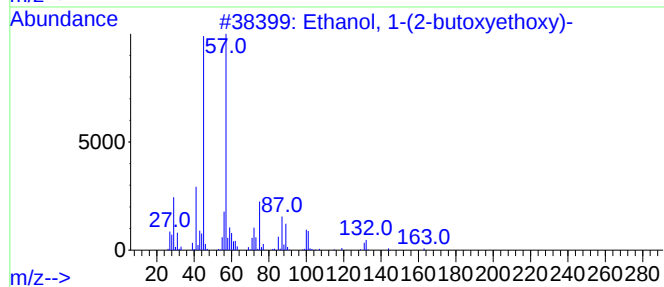
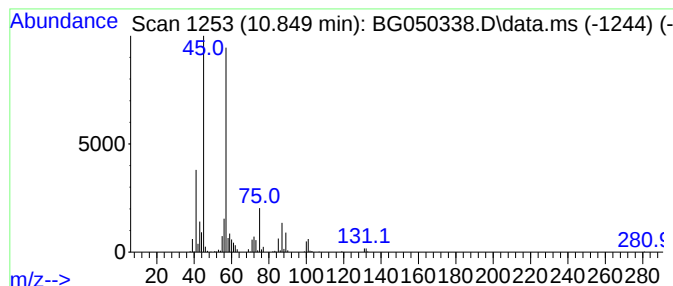
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.849	27.20 ng/ul	496089	Naphthalene-d8	11.096

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



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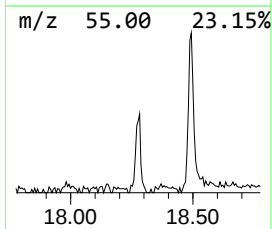
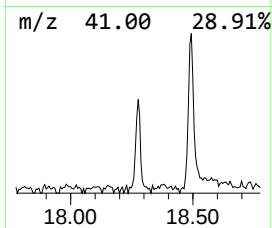
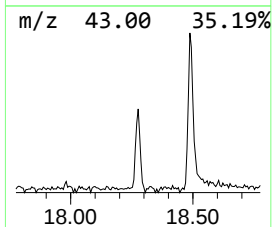
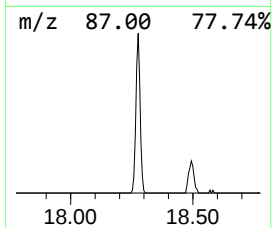
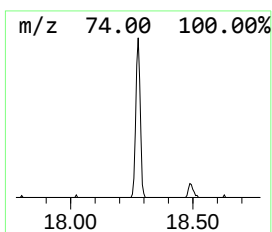
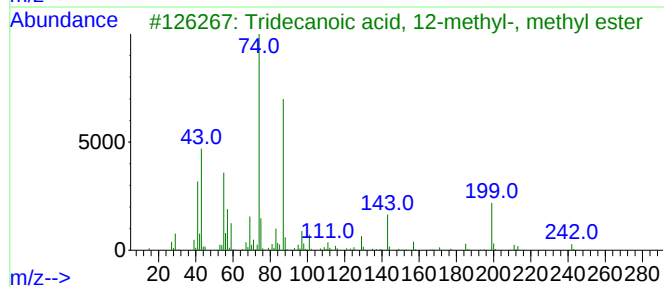
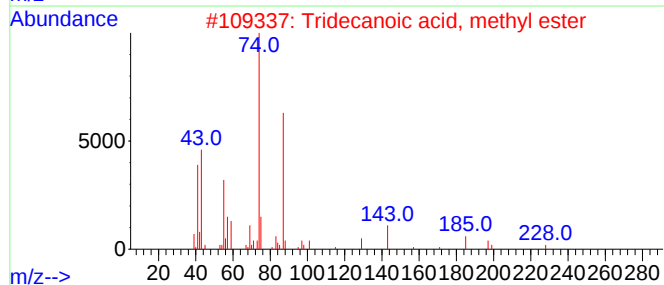
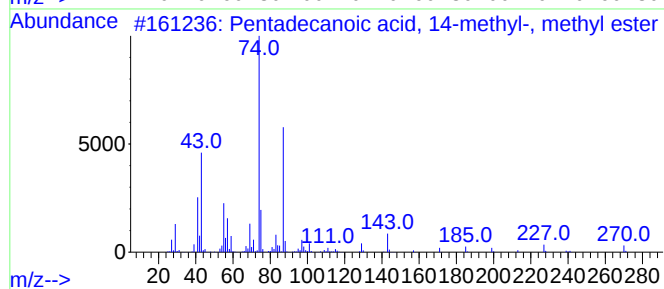
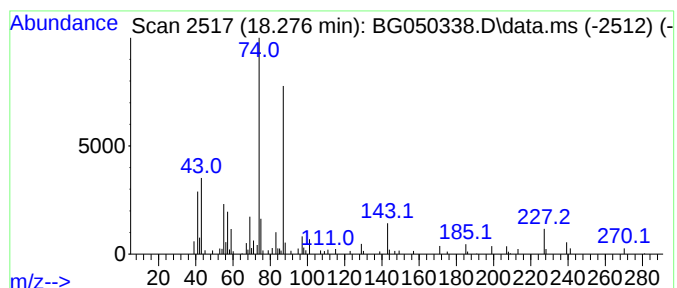
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Pentadecanoic acid, 14-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.276	2.49 ng/ul	86895	Phenanthrene-d10	17.630	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80



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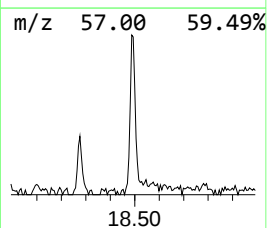
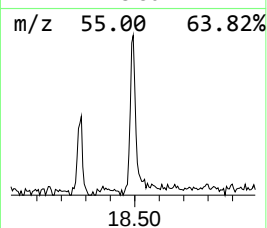
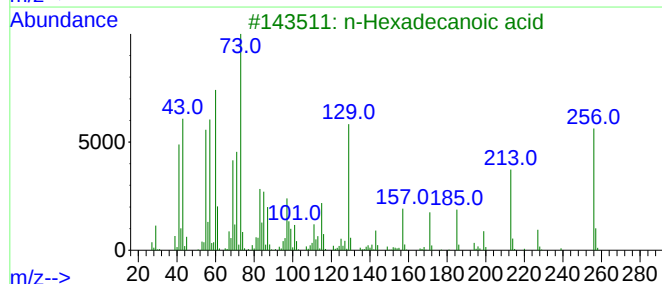
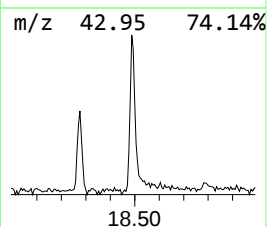
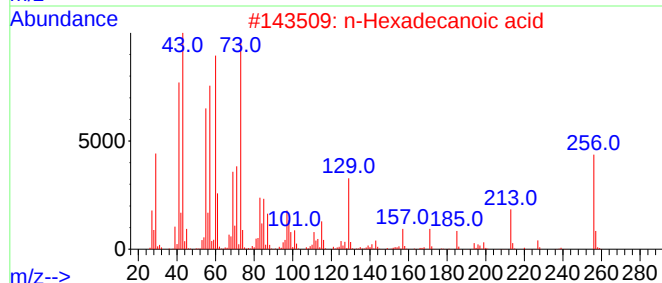
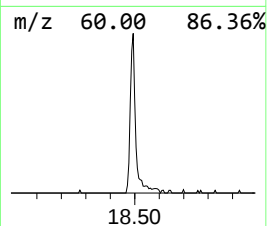
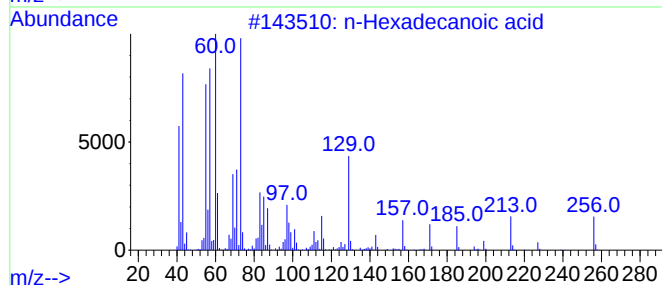
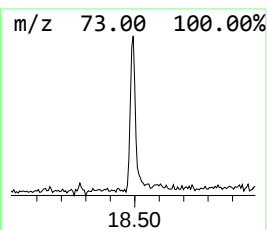
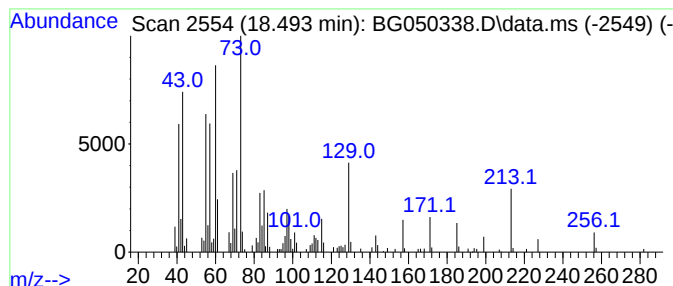
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.493	5.27 ng/ul	184198	Phenanthrene-d10	17.630

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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050338.D
Acq On : 1 Oct 2021 1:24
Operator : CG/JU
Sample : M3777-17
Misc :
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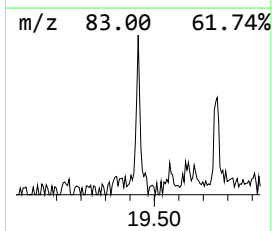
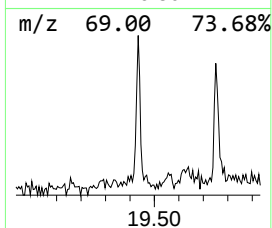
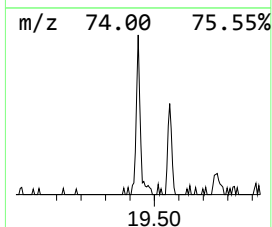
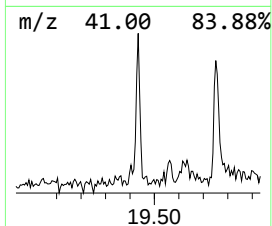
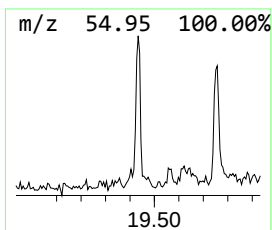
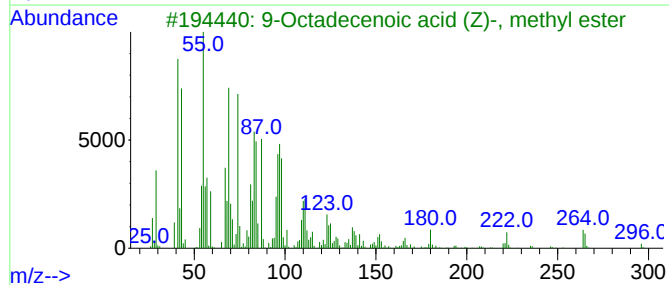
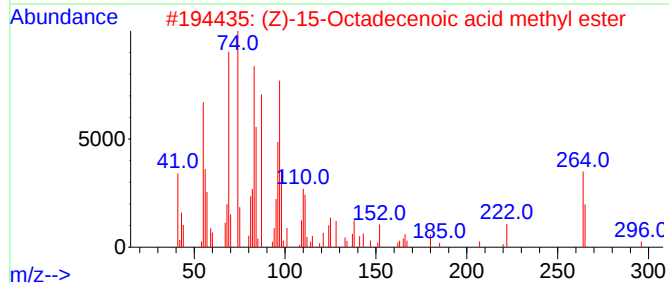
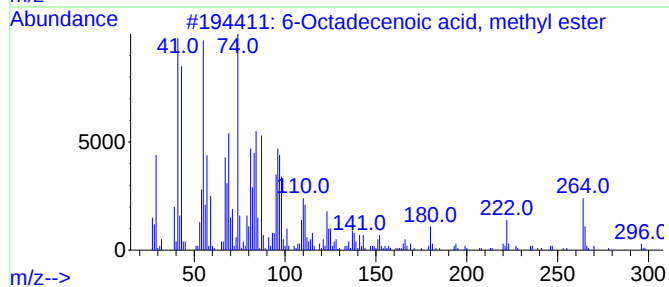
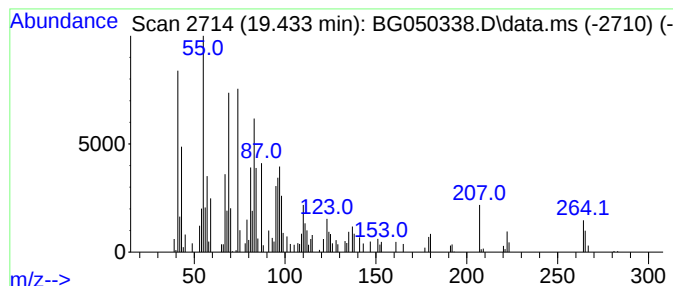
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 6-Octadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.433	2.58 ng/ul	90321	Phenanthrene-d10	17.630	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	93
2	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	90
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	72
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	64
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050338.D
Acq On : 1 Oct 2021 1:24
Operator : CG/JU
Sample : M3777-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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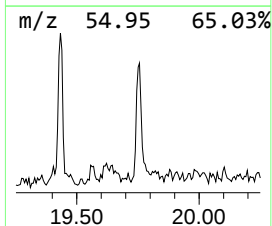
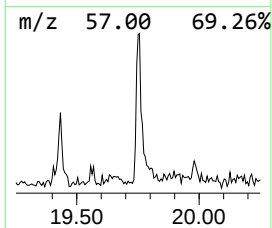
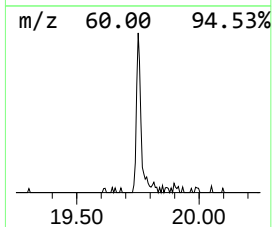
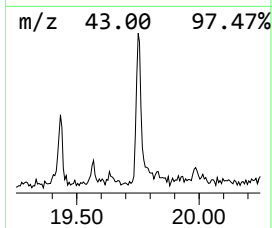
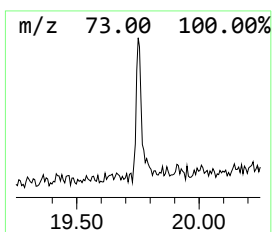
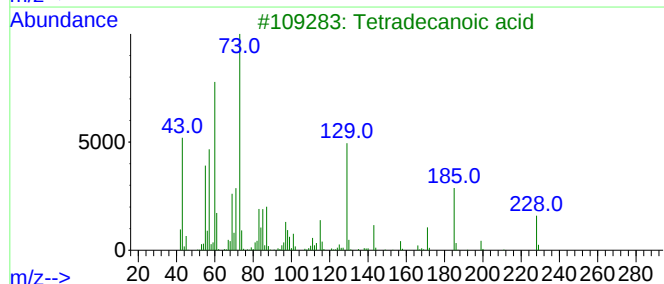
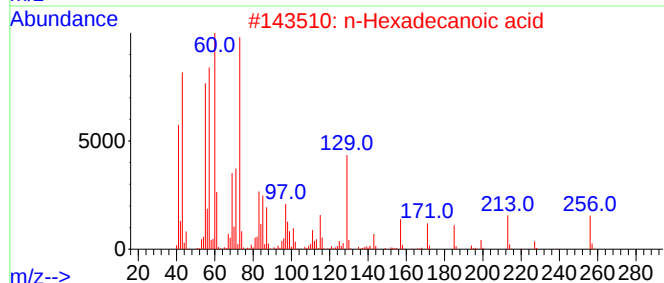
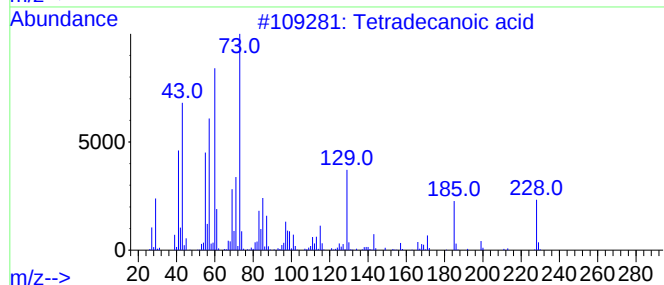
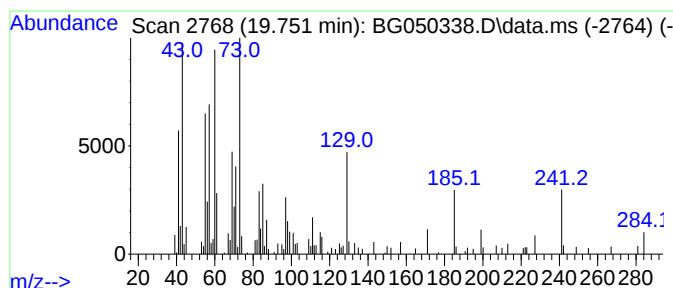
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.751	3.31 ng/ul	115844	Phenanthrene-d10	17.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	72
5			Octadecanoic acid	284	C18H36O2	000057-11-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050338.D
Acq On : 1 Oct 2021 1:24
Operator : CG/JU
Sample : M3777-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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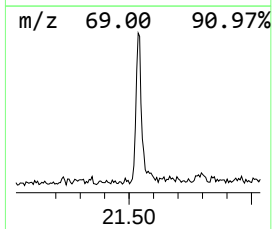
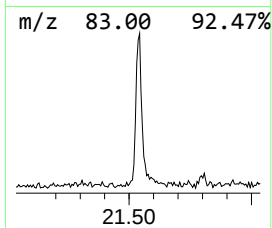
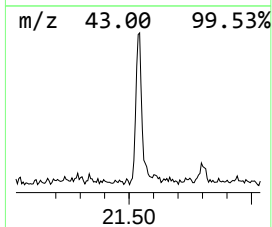
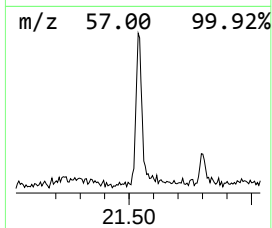
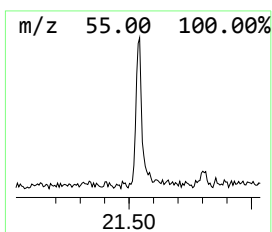
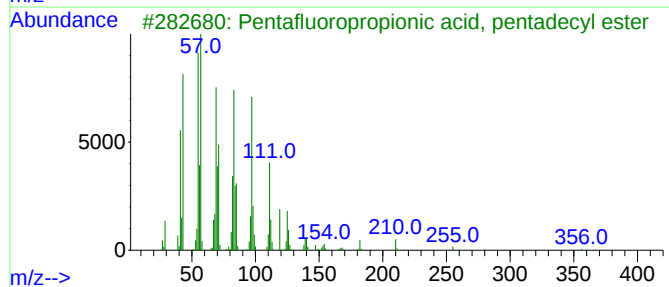
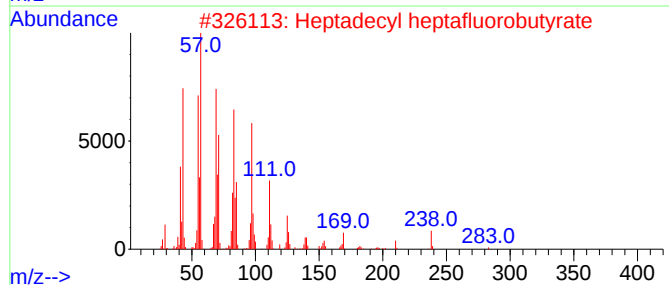
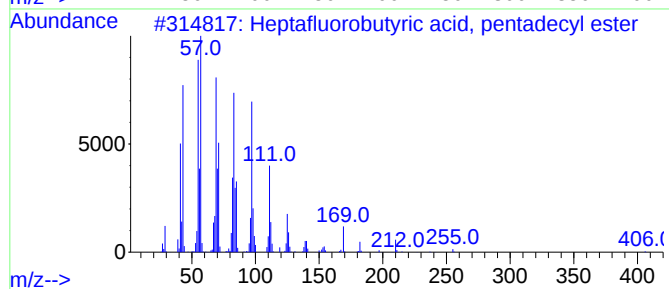
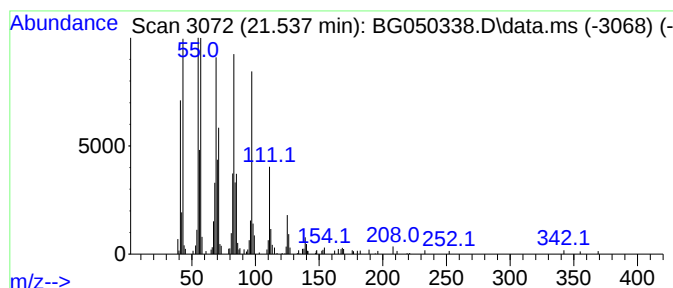
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.537	5.63 ng/ul	222010	Chrysene-d12	21.936

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5			Behenic alcohol	326	C22H46O	000661-19-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
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Acq On : 1 Oct 2021 1:24
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Sample : M3777-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 1-(2-b...	10.849	27.2	ng/ul	496089	2	11.096	364769	20.0
Pentadecanoic a...	18.276	2.5	ng/ul	86895	4	17.630	698998	20.0
n-Hexadecanoic ...	18.493	5.3	ng/ul	184198	4	17.630	698998	20.0
6-Octadecenoic ...	19.433	2.6	ng/ul	90321	4	17.630	698998	20.0
Tetradecanoic acid	19.751	3.3	ng/ul	115844	4	17.630	698998	20.0
Heptafluorobuty...	21.537	5.6	ng/ul	222010	5	21.936	788795	20.0