LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050624\
Data File : BN031410.D
Acq On : 06 May 2024 21:56
Operator : MA/JU
Sample : P2368-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A43L9

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-BN050324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031410.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	18	22	27	rBV	50285	62021	1.19%	0.117%
2	3.387	65	68	81	rVB	50235	77200	1.48%	0.145%
3	3.523	88	91	112	rBV	669109	1017680	19.50%	1.917%
4	3.834	141	144	148	rVB	11227	14026	0.27%	0.026%
5	5.705	458	462	465	rBV3	7795	8484	0.16%	0.016%
6	6.775	638	644	656	rBV	768649	1231500	23.59%	2.319%
7	6.940	666	672	686	rBV	695366	1084941	20.78%	2.043%
8	7.128	697	704	716	rBV	956023	1466141	28.09%	2.761%
9	7.593	776	783	792	rBV	890851	1410624	27.02%	2.657%
10	7.681	795	798	805	rVB4	9693	17447	0.33%	0.033%
11	8.305	891	904	921	rBV	1118048	1805102	34.58%	3.400%
12	8.752	973	980	995	rVB	831221	1284252	24.60%	2.419%
13	9.146	1043	1047	1051	rVB3	3957	5704	0.11%	0.011%
14	9.322	1071	1077	1083	rBV	30516	47829	0.92%	0.090%
15	9.469	1094	1102	1113	rBV	700939	1114845	21.36%	2.100%
16	9.999	1185	1192	1207	rBV	1215056	1978972	37.91%	3.727%
17	10.163	1213	1220	1241	rBV	271162	521348	9.99%	0.982%
18	10.375	1248	1256	1266	rVB	1266585	2069560	39.65%	3.898%
19	10.522	1273	1281	1300	rBV	1224276	2109756	40.42%	3.974%
20	10.934	1346	1351	1357	rBV5	11364	21300	0.41%	0.040%
21	11.122	1378	1383	1389	rBV2	34301	67326	1.29%	0.127%
22	11.893	1511	1514	1520	rVB4	4493	7000	0.13%	0.013%
23	11.969	1520	1527	1535	rBV	19047	31752	0.61%	0.060%
24	13.140	1721	1726	1731	rBV2	11638	17136	0.33%	0.032%
25	13.663	1809	1815	1828	rBV	1490918	2052736	39.32%	3.866%
26	13.940	1853	1862	1875	rBV	1525582	2261231	43.32%	4.259%
27	14.246	1908	1914	1926	rBV	1160471	1676002	32.11%	3.157%
28	14.463	1945	1951	1964	rBV	656283	1056068	20.23%	1.989%
29	14.681	1979	1988	1995	rVB8	7895	17197	0.33%	0.032%
30	15.110	2055	2061	2064	rBV4	2894	5221	0.10%	0.010%
31	15.245	2077	2084	2096	rBV	2106780	2908205	55.71%	5.477%
32	15.369	2100	2105	2119	rBV	627333	868753	16.64%	1.636%
33	15.487	2121	2125	2130	rVB2	8499	12164	0.23%	0.023%
34	15.969	2204	2207	2214	rBV4	4549	8472	0.16%	0.016%
35	16.028	2214	2217	2221	rVB4	5383	6638	0.13%	0.013%
36	16.416	2279	2283	2289	rBV6	5142	10097	0.19%	0.019%

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Title : SVOA CALIBRATION

37	16.681	2323	2328	2331	rBV4	6247	9137	0.18%	0.017%
38	16.763	2340	2342	2344	rBV2	7397	7579	0.15%	0.014%
39	16.816	2348	2351	2353	rBV3	6072	6019	0.12%	0.011%
40	16.928	2368	2370	2373	rVB4	8429	7617	0.15%	0.014%
41	16.998	2373	2382	2392	rBV	2407430	3261084	62.47%	6.142%
42	17.098	2392	2399	2410	rVV2	3511093	4940598	94.65%	9.305%
43	17.198	2410	2416	2420	rVB6	14983	28057	0.54%	0.053%
44	17.292	2429	2432	2436	rVB3	4625	7133	0.14%	0.013%
45	17.387	2446	2448	2455	rVB8	4306	6543	0.13%	0.012%
46	17.498	2465	2467	2472	rBV6	4713	5316	0.10%	0.010%
47	17.681	2494	2498	2501	rVB4	10324	13325	0.26%	0.025%
48	17.786	2511	2516	2520	rVB6	8544	15930	0.31%	0.030%
49	17.904	2530	2536	2546	rBV	411578	609454	11.68%	1.148%
50	18.198	2582	2586	2591	rBV8	10993	15567	0.30%	0.029%
51	18.334	2606	2609	2612	rVB5	6423	6921	0.13%	0.013%
52	18.575	2647	2650	2654	rBV4	7012	10719	0.21%	0.020%
53	18.828	2691	2693	2696	rBV3	10507	12861	0.25%	0.024%
54	18.963	2712	2716	2721	rBV2	46634	62188	1.19%	0.117%
55	19.039	2724	2729	2732	rBV	47921	73272	1.40%	0.138%
56	19.069	2732	2734	2742	rVB6	20040	30015	0.57%	0.057%
57	19.192	2750	2755	2766	rBV	111591	168557	3.23%	0.317%
58	19.404	2785	2791	2798	rBV	4017631	5220049	100.00%	9.832%
59	19.957	2882	2885	2888	rVB4	24117	27850	0.53%	0.052%
60	20.392	2952	2959	2962	rBV6	29619	67880	1.30%	0.128%
61	20.451	2967	2969	2973	rVB3	29680	30429	0.58%	0.057%
62	20.657	2997	3004	3008	rBV5	28920	80250	1.54%	0.151%
63	20.692	3008	3010	3012	rBV3	20161	22562	0.43%	0.042%
64	20.933	3042	3051	3058	rBV3	215062	553276	10.60%	1.042%
65	21.045	3067	3070	3071	rBV	30084	29732	0.57%	0.056%
66	21.104	3076	3080	3081	rBV	33839	36845	0.71%	0.069%
67	21.233	3097	3102	3108	rBV	1754660	2477662	47.46%	4.667%
68	21.322	3113	3117	3119	rVB3	31871	50685	0.97%	0.095%
69	21.386	3119	3128	3131	rBV4	38073	129460	2.48%	0.244%
70	21.422	3131	3134	3138	rBV4	55161	94187	1.80%	0.177%
71	22.580	3329	3331	3332	rVB	39344	24061	0.46%	0.045%
72	22.757	3359	3361	3363	rBV2	29299	27767	0.53%	0.052%
73	22.827	3368	3373	3375	rBV3	40747	76381	1.46%	0.144%
74	23.480	3480	3484	3485	rBV2	33601	36132	0.69%	0.068%
75	23.916	3549	3558	3567	rBV2	1732983	3917259	75.04%	7.378%
76	24.110	3583	3591	3603	rVB	1043435	2461348	47.15%	4.636%

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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SVOA CALIBRATION

77	26.268	3955	3958	3959	rBV2	38294	43386	0.83%	0.082%
78	26.374	3973	3976	3977	rBV	34611	33882	0.65%	0.064%

Sum of corrected areas: 53093705

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Misc :
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Instrument :
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ClientSampleId :
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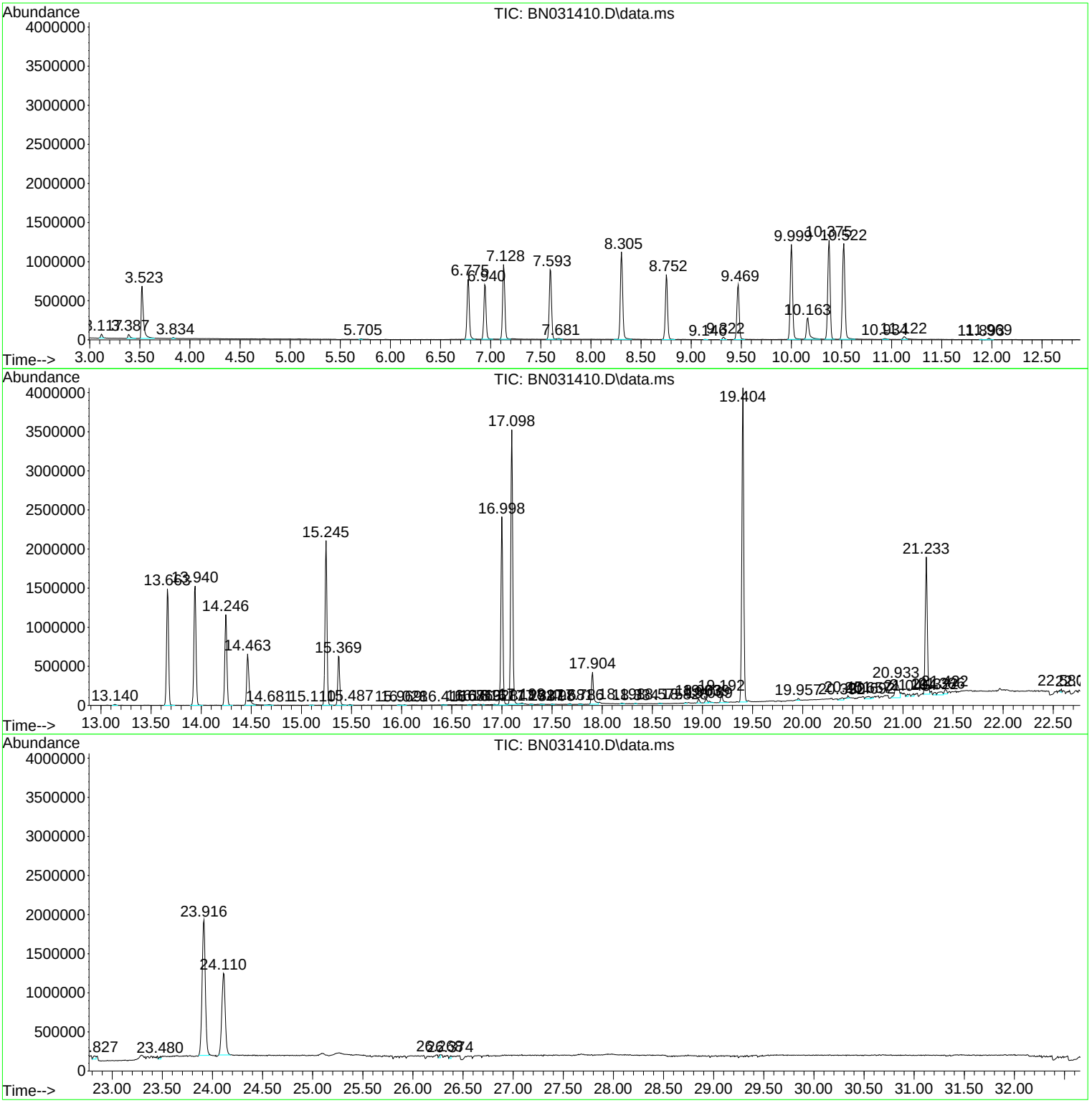
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
Quant Title : SVOA CALIBRATION

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



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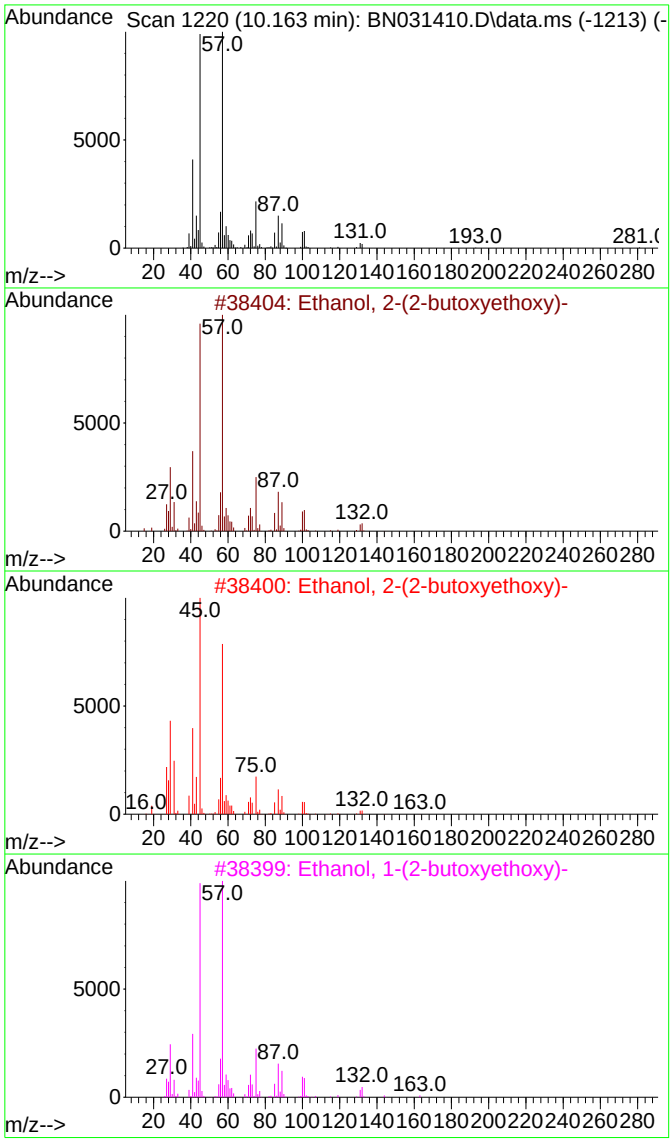
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
Quant Title : SVOA CALIBRATION

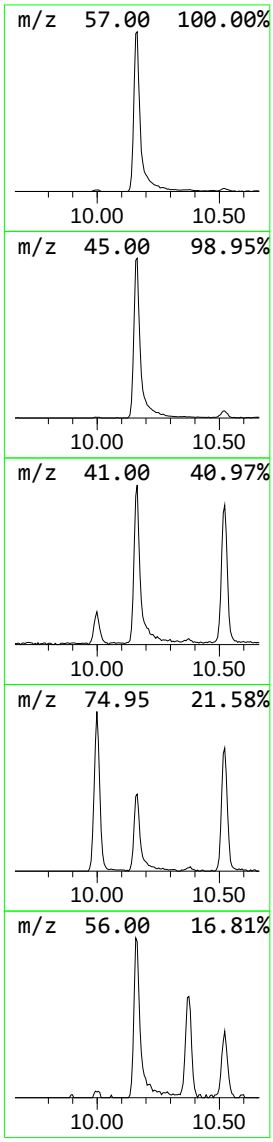
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	5.04 ng/ul	521348	Naphthalene-d8	10.375

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, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90





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ClientSampleId :
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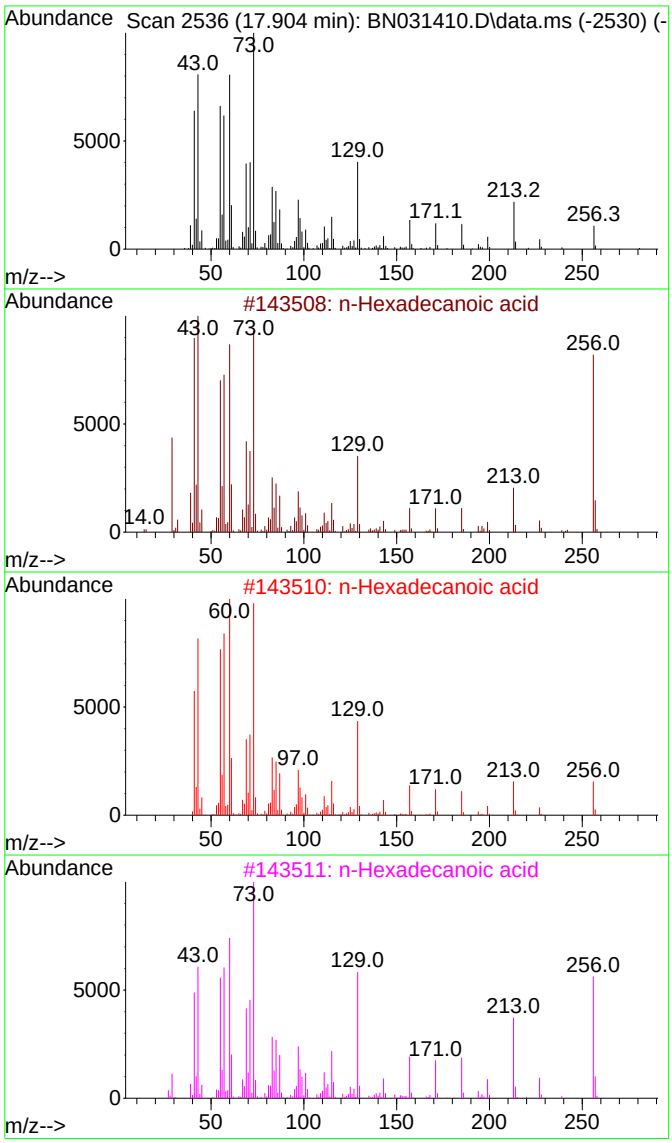
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
Quant Title : SVOA CALIBRATION

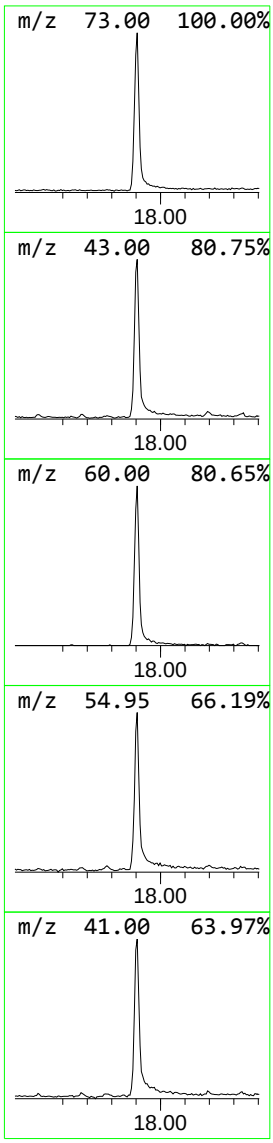
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	3.74 ng/ul	609454	Phenanthrene-d10	16.998

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	97
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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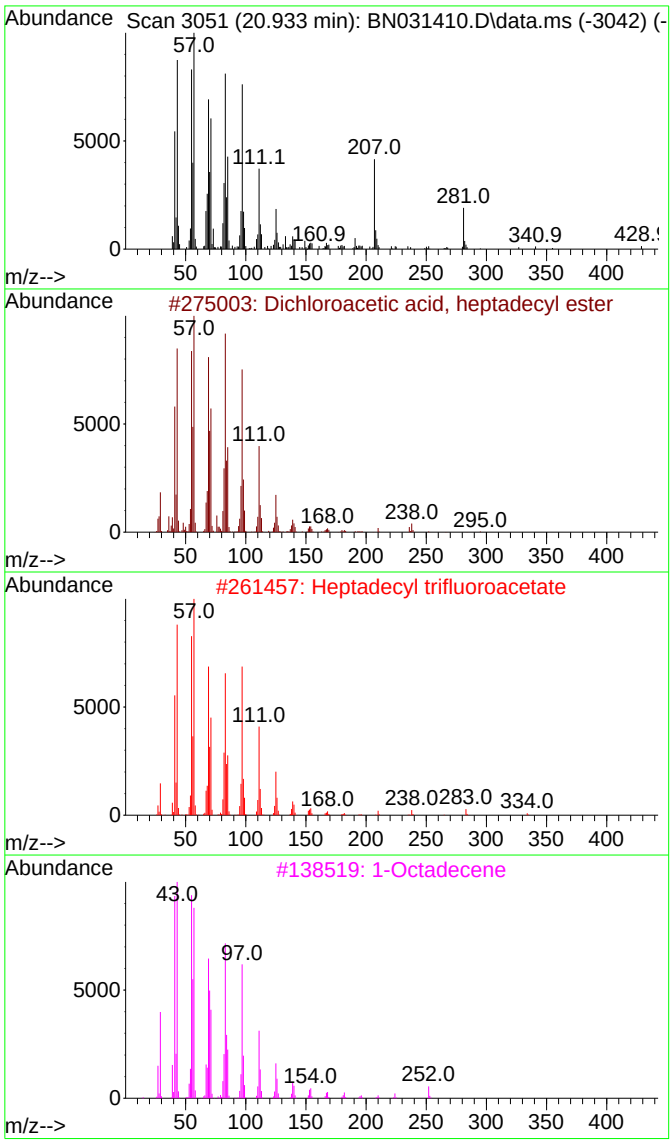
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
Quant Title : SVOA CALIBRATION

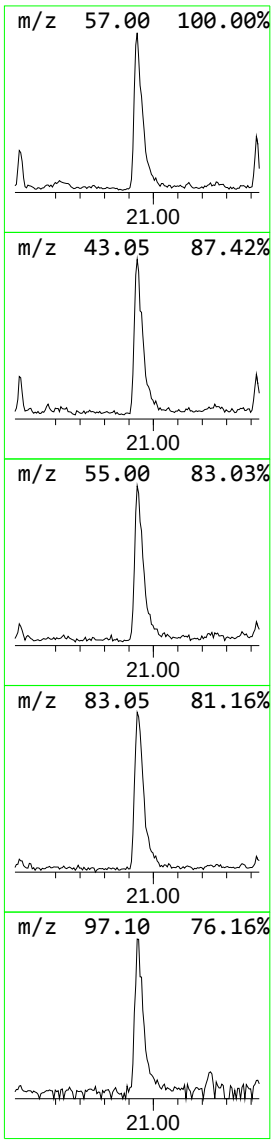
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.933	4.47 ng/ul	553276	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93
3	1-Octadecene	252	C18H36	000112-88-9	92
4	1-Octadecene	252	C18H36	000112-88-9	91
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.163	5.0	ng/ul	521348	2	10.375	2069560	20.0
n-Hexadecanoic ...	17.904	3.7	ng/ul	609454	4	16.998	3261080	20.0
Dichloroacetic ...	20.933	4.5	ng/ul	553276	5	21.233	2477660	20.0