LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033138.D
Acq On : 18 Nov 2021 02:23
Operator : CG/JU
Sample : M4677-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AA6

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_M\METHODS\SFAM-EPA-BM111721.M
Title : SVOA CALIBRATION

Signal : TIC: BM033138.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.419	11	14	20	rBV	23667	30237	0.96%	0.105%
2	3.849	83	87	100	rBV	92048	158198	5.02%	0.549%
3	4.072	119	125	129	rVB3	8573	13944	0.44%	0.048%
4	4.160	136	140	144	rBV3	7658	9935	0.32%	0.034%
5	6.031	452	458	463	rBV6	9367	16172	0.51%	0.056%
6	7.125	636	644	656	rVB	108749	195727	6.21%	0.679%
7	7.301	668	674	685	rBV	356664	582940	18.51%	2.021%
8	7.501	702	708	719	rVB	382456	614743	19.52%	2.132%
9	7.584	719	722	727	rVB6	3360	4363	0.14%	0.015%
10	7.972	778	788	795	rBV	410482	654122	20.77%	2.268%
11	8.025	795	797	801	rVB3	3939	5164	0.16%	0.018%
12	8.666	899	906	915	rBV	287174	481489	15.29%	1.669%
13	9.131	978	985	996	rBV	464711	783311	24.87%	2.716%
14	9.213	996	999	1003	rVB6	2615	4544	0.14%	0.016%
15	9.525	1049	1052	1059	rVB3	7787	13000	0.41%	0.045%
16	9.848	1100	1107	1116	rBV	353786	587724	18.66%	2.038%
17	10.384	1190	1198	1205	rBV	562359	933546	29.64%	3.237%
18	10.548	1219	1226	1235	rBV	56690	101174	3.21%	0.351%
19	10.772	1256	1264	1272	rBV	523019	912624	28.98%	3.164%
20	10.901	1279	1286	1297	rBV	414099	711790	22.60%	2.468%
21	11.901	1452	1456	1457	rBV4	2637	3176	0.10%	0.011%
22	12.019	1470	1476	1482	rVB5	2126	4175	0.13%	0.014%
23	12.166	1494	1501	1508	rBV7	4290	9015	0.29%	0.031%
24	12.254	1512	1516	1517	rBV4	3908	5189	0.16%	0.018%
25	12.348	1527	1532	1537	rVB2	10788	17357	0.55%	0.060%
26	12.954	1631	1635	1639	rBV6	3775	5781	0.18%	0.020%
27	13.201	1672	1677	1680	rBV4	3242	4672	0.15%	0.016%
28	13.242	1680	1684	1694	rVB4	4965	9533	0.30%	0.033%
29	13.407	1709	1712	1713	rBV3	3143	3224	0.10%	0.011%
30	13.483	1719	1725	1729	rBV4	13446	19966	0.63%	0.069%
31	13.995	1805	1812	1819	rBV	1114142	1591168	50.52%	5.517%
32	14.042	1819	1820	1827	rVB8	4991	5542	0.18%	0.019%
33	14.195	1841	1846	1848	rBV6	2592	4448	0.14%	0.015%
34	14.224	1848	1851	1854	rBV5	4190	5833	0.19%	0.020%
35	14.283	1854	1861	1869	rVV	1128438	1690500	53.67%	5.862%
36	14.477	1890	1894	1899	rVB6	4765	6625	0.21%	0.023%

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0AA6

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Title : SVOA CALIBRATION

37	14.530	1899	1903	1906	rBV5	3387	3331	0.11%	0.012%
38	14.589	1906	1913	1923	rVV	807195	1221740	38.79%	4.236%
39	14.766	1936	1943	1953	rBV2	99447	158641	5.04%	0.550%
40	14.854	1953	1958	1965	rVV4	12069	24802	0.79%	0.086%
41	14.930	1966	1971	1978	rVV10	3407	9039	0.29%	0.031%
42	15.001	1978	1983	1988	rVB7	5924	11281	0.36%	0.039%
43	15.107	1999	2001	2006	rVB6	2780	3167	0.10%	0.011%
44	15.324	2034	2038	2042	rVB6	3211	4623	0.15%	0.016%
45	15.366	2042	2045	2046	rBV3	3044	3415	0.11%	0.012%
46	15.436	2053	2057	2059	rVB6	2804	3578	0.11%	0.012%
47	15.471	2059	2063	2066	rVB5	3947	6494	0.21%	0.023%
48	15.530	2070	2073	2074	rBV3	5947	5742	0.18%	0.020%
49	15.577	2074	2081	2091	rVB	1534066	2236753	71.02%	7.756%
50	15.683	2093	2099	2111	rBV	482603	677925	21.52%	2.351%
51	15.818	2116	2122	2126	rVV5	6567	12880	0.41%	0.045%
52	16.030	2154	2158	2162	rBV6	3692	5548	0.18%	0.019%
53	16.354	2209	2213	2218	rVB8	4703	10823	0.34%	0.038%
54	16.448	2225	2229	2231	rBV5	5270	7335	0.23%	0.025%
55	16.636	2258	2261	2267	rVB7	6244	8606	0.27%	0.030%
56	16.924	2306	2310	2313	rBV6	5736	8577	0.27%	0.030%
57	17.030	2325	2328	2332	rBV6	4122	6847	0.22%	0.024%
58	17.083	2332	2337	2340	rBV6	11034	16257	0.52%	0.056%
59	17.107	2340	2341	2344	rBV3	3343	3657	0.12%	0.013%
60	17.324	2371	2378	2388	rBV	995291	1427421	45.32%	4.949%
61	17.424	2388	2395	2410	rVV	1760654	2527658	80.25%	8.764%
62	17.601	2423	2425	2426	rBV2	4662	3692	0.12%	0.013%
63	17.630	2427	2430	2434	rVB4	11714	15653	0.50%	0.054%
64	17.683	2434	2439	2440	rBV5	4536	7492	0.24%	0.026%
65	17.695	2440	2441	2444	rVB3	4575	3205	0.10%	0.011%
66	17.742	2444	2449	2453	rBV8	16026	21360	0.68%	0.074%
67	17.824	2459	2463	2466	rBV6	7896	13118	0.42%	0.045%
68	17.895	2471	2475	2481	rVB3	15543	28441	0.90%	0.099%
69	17.989	2487	2491	2494	rBV2	19120	22811	0.72%	0.079%
70	18.207	2522	2528	2533	rBV	133551	203655	6.47%	0.706%
71	18.254	2533	2536	2546	rVB2	50927	92750	2.94%	0.322%
72	18.524	2576	2582	2583	rBV6	12609	20708	0.66%	0.072%
73	18.618	2595	2598	2602	rBV6	6203	8470	0.27%	0.029%
74	19.101	2677	2680	2684	rBV5	10766	14680	0.47%	0.051%
75	19.265	2705	2708	2713	rVB4	26412	36904	1.17%	0.128%
76	19.336	2715	2720	2730	rBV3	32709	69393	2.20%	0.241%

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Integration Parameters: LSCINT.P
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Title : SVOA CALIBRATION

77	19.471	2739	2743	2749	rBV2	77616	117924	3.74%	0.409%
78	19.701	2776	2782	2788	rBV	2231668	3026083	96.08%	10.493%
79	21.177	3030	3033	3039	rBV	229743	266338	8.46%	0.923%
80	21.477	3079	3084	3090	rBV	1139573	1547141	49.12%	5.364%
81	23.671	3450	3457	3468	rVB2	1509702	3149627	100.00%	10.921%
82	23.824	3477	3483	3493	rVB2	785267	1563845	49.65%	5.422%

Sum of corrected areas: 28840381

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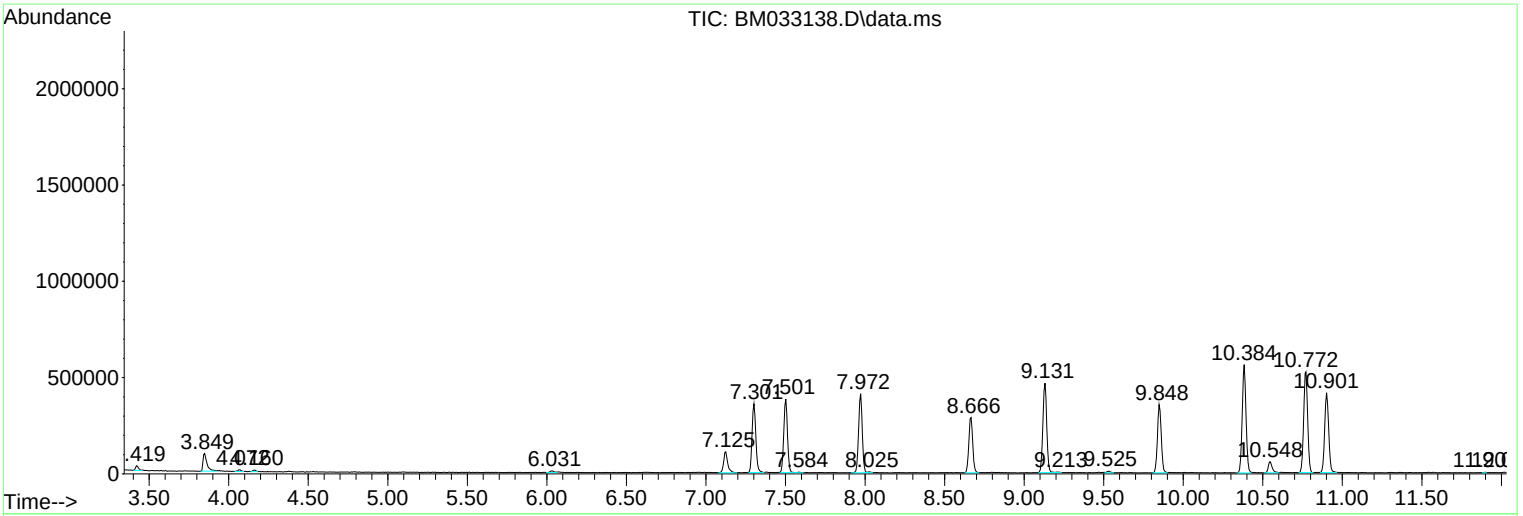
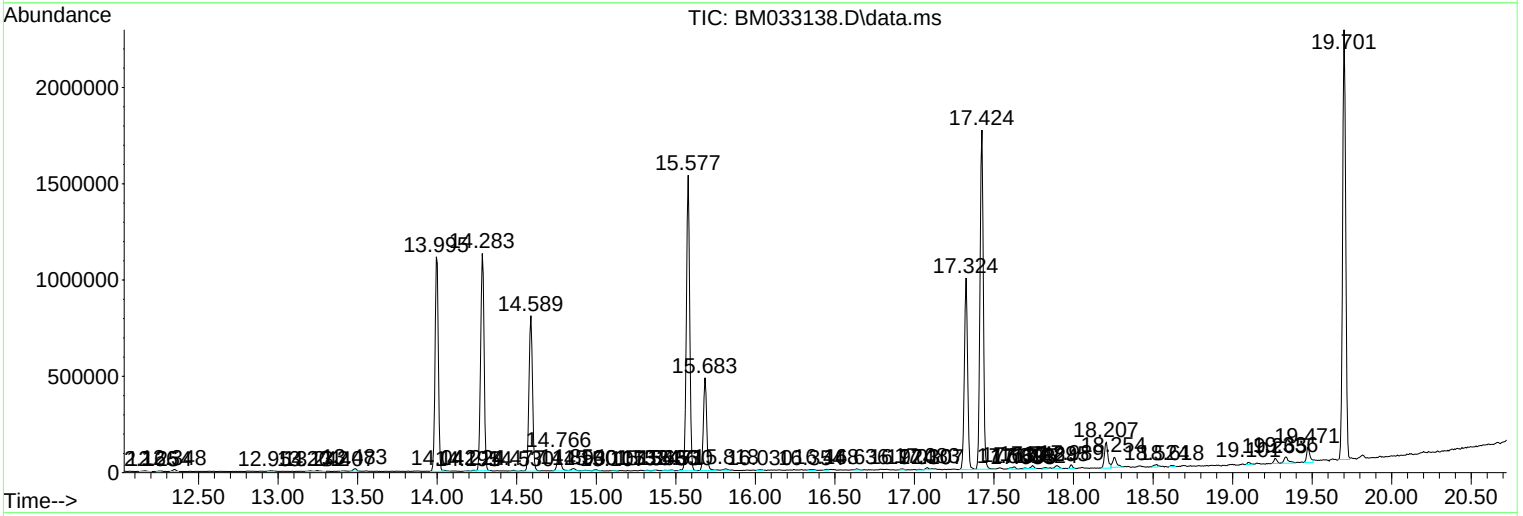
Misc :
ALS Vial : 15 Sample Multiplier: 1

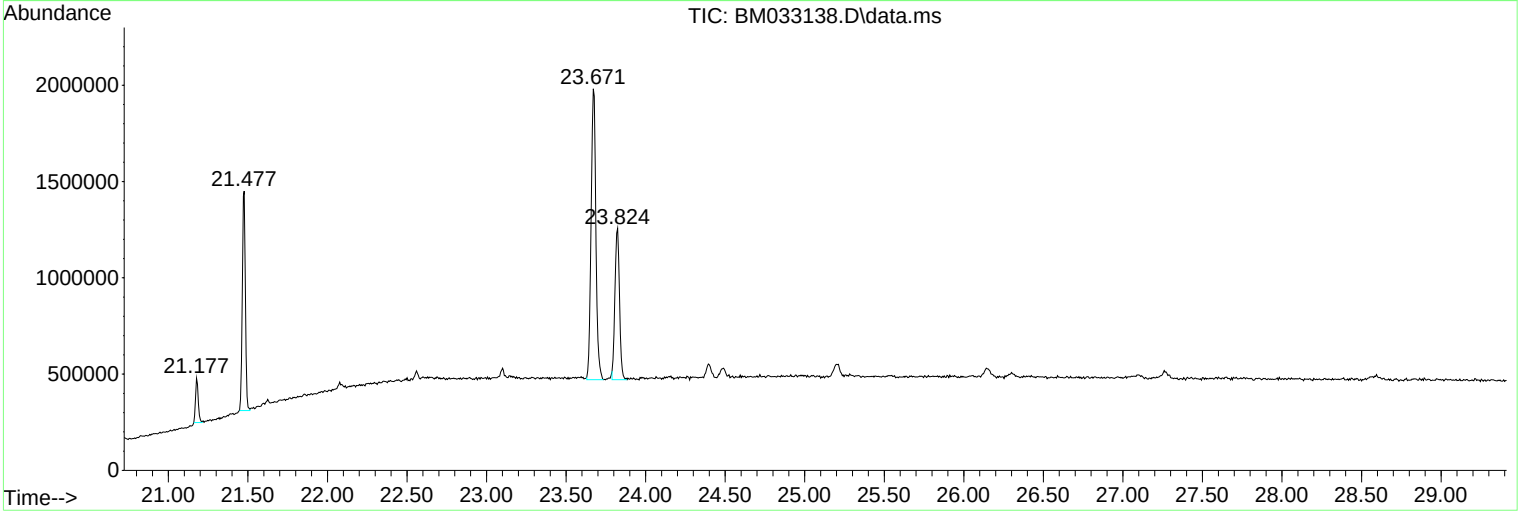
Instrument :
BNA_M
ClientSampleId :
H0AA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
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Operator : CG/JU
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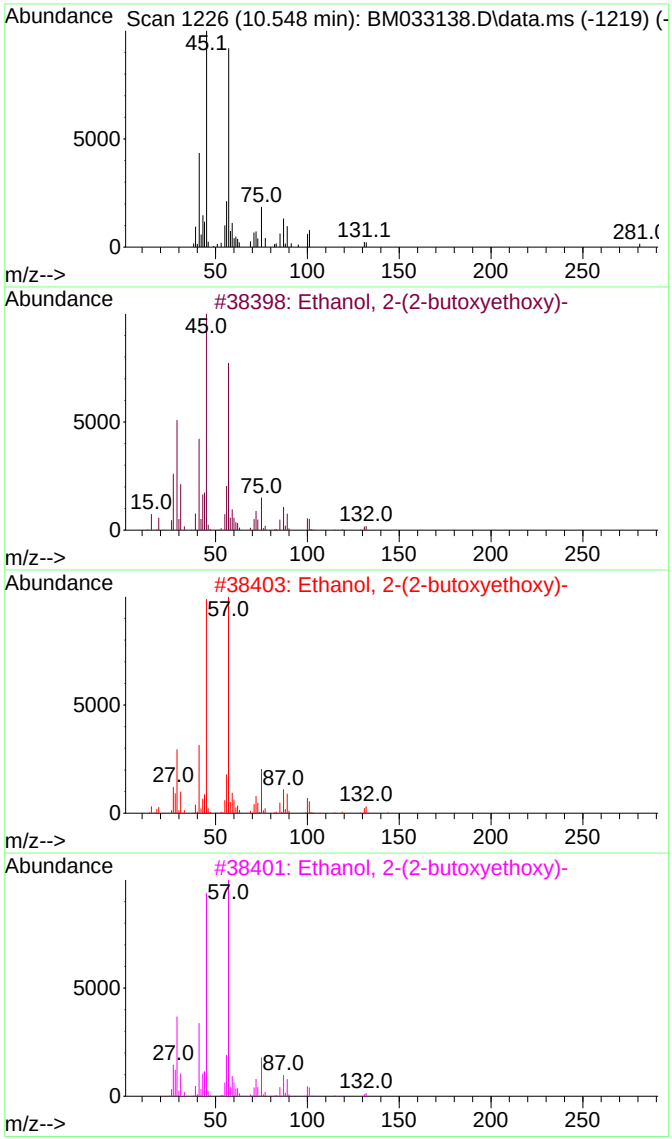
Quant Title : SVOA CALIBRATION

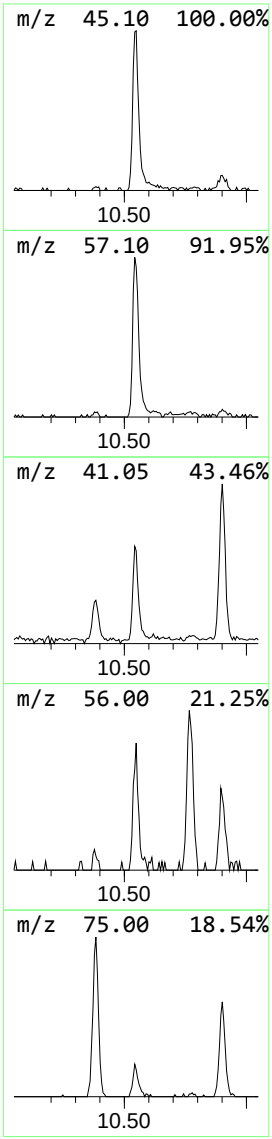
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.548	2.22 ng/ul	101174	Naphthalene-d8	10.772

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	80
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	80
4	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	59
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59





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Sample : M4677-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0AA6

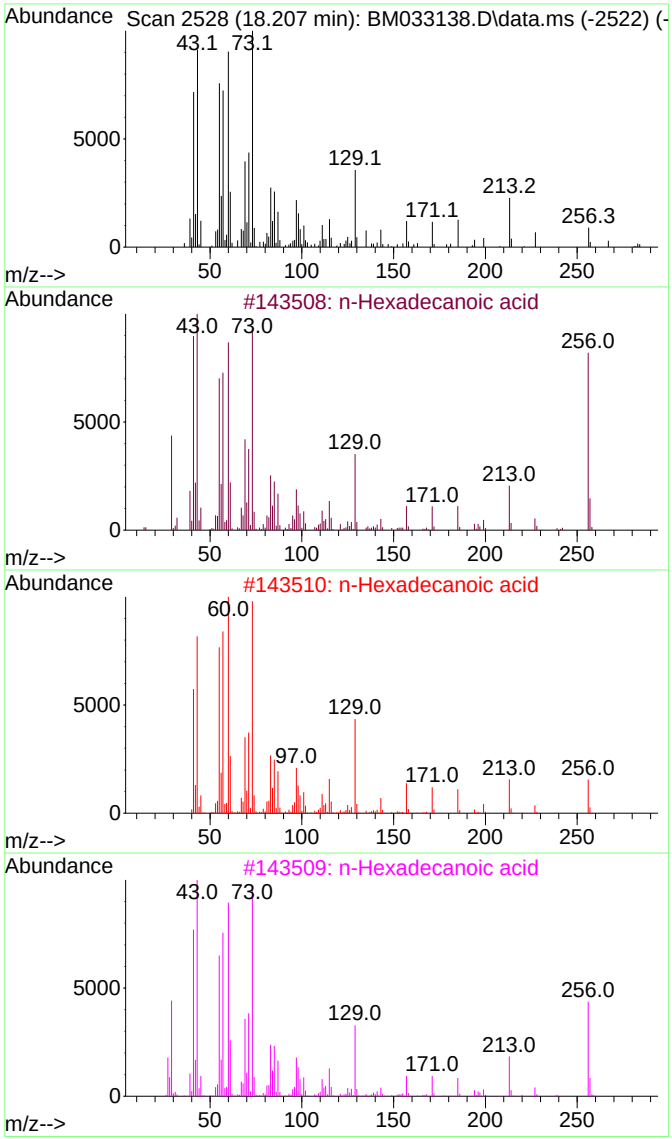
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

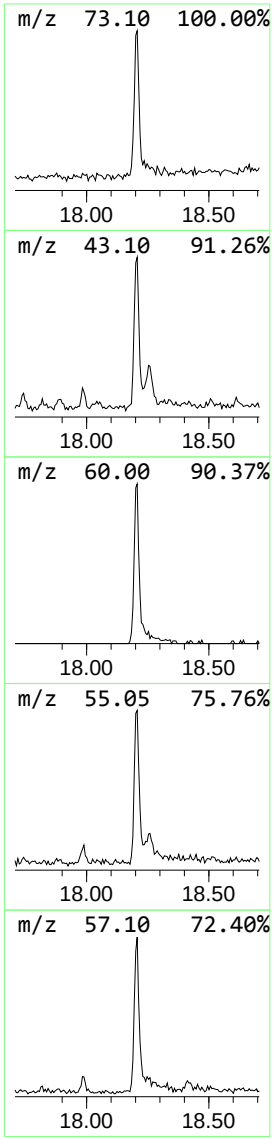
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.206	2.85 ng/ul	203655	Phenanthrene-d10	17.324

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0AA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

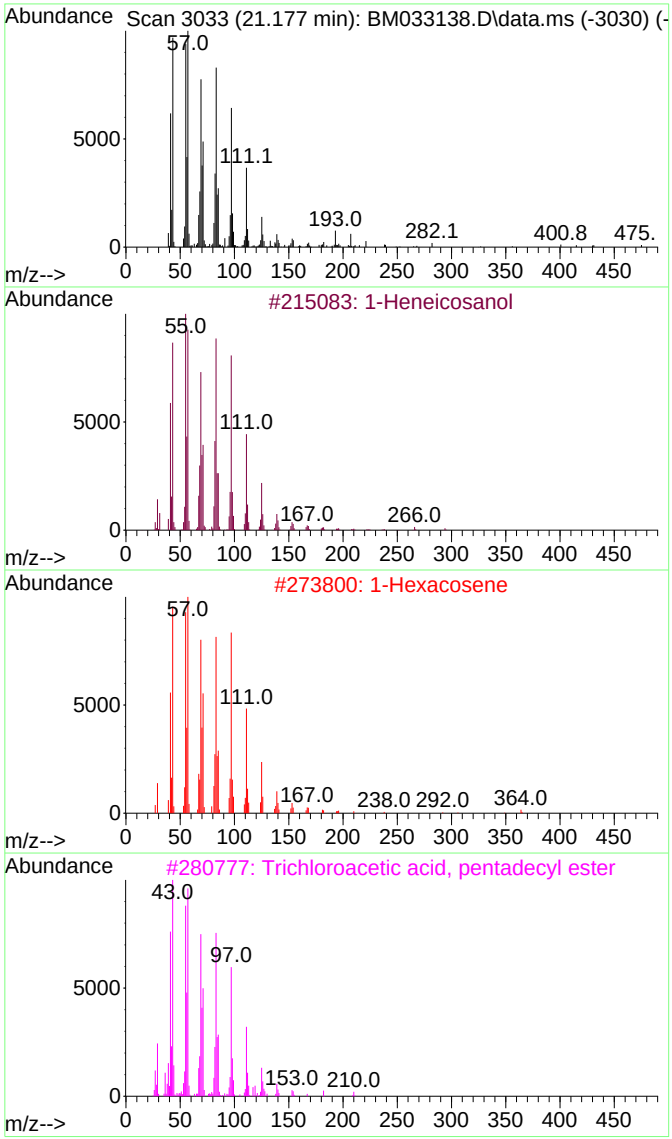
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

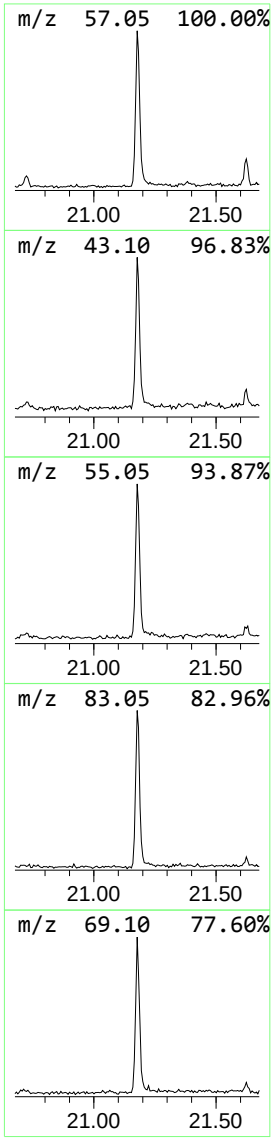
****

Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.177	3.44 ng/ul	266338	Chrysene-d12	21.477

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	Cyclotetracosane	336	C24H48	000297-03-0	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
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...	10.548	2.2	ng/ul	101174	2	10.772	912624	20.0
n-Hexadecanoic ...	18.206	2.9	ng/ul	203655	4	17.324	1427420	20.0
1-Heneicosanol	21.177	3.4	ng/ul	266338	5	21.477	1547140	20.0