LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020310.D
Acq On : 11 May 2024 05:39
Operator : MA/JU
Sample : P2370-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43Q1

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_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020310.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	18	22	34	rVB	22430	32856	1.16%	0.121%
2	3.499	67	70	77	rBV	9722	20549	0.72%	0.076%
3	3.617	87	90	107	rBV	232740	434355	15.28%	1.605%
4	3.911	136	140	144	rBV4	3862	5826	0.20%	0.022%
5	4.787	285	289	294	rVB7	1824	3779	0.13%	0.014%
6	6.811	624	633	646	rBV	280306	625187	21.99%	2.311%
7	6.969	654	660	672	rVB	264591	443304	15.59%	1.639%
8	7.152	684	691	713	rVV	354831	647232	22.77%	2.392%
9	7.293	713	715	720	rVB6	2291	3257	0.11%	0.012%
10	7.616	763	770	788	rBV	243639	441411	15.53%	1.632%
11	7.816	800	804	807	rBV6	2065	3032	0.11%	0.011%
12	8.322	882	890	909	rBV	318939	700750	24.65%	2.590%
13	8.775	959	967	984	rBV	353117	666028	23.43%	2.462%
14	9.122	1022	1026	1030	rVB6	2455	3796	0.13%	0.014%
15	9.369	1060	1068	1076	rBV7	6992	17590	0.62%	0.065%
16	9.487	1080	1088	1102	rBV	288005	596028	20.97%	2.203%
17	10.022	1172	1179	1206	rBV	356678	878727	30.91%	3.248%
18	10.216	1206	1212	1230	rVB5	20828	75374	2.65%	0.279%
19	10.381	1234	1240	1256	rVB	350325	626251	22.03%	2.315%
20	10.551	1260	1269	1288	rBV	334947	809996	28.49%	2.994%
21	11.004	1343	1346	1352	rVB8	2323	4402	0.15%	0.016%
22	11.187	1370	1377	1386	rBV4	11294	36655	1.29%	0.135%
23	12.004	1512	1516	1521	rBV3	5886	10710	0.38%	0.040%
24	13.163	1708	1713	1721	rBV4	8573	16332	0.57%	0.060%
25	13.698	1794	1804	1826	rBV	867527	1418116	49.89%	5.242%
26	13.975	1842	1851	1860	rBV	974873	1595454	56.12%	5.897%
27	14.287	1894	1904	1917	rBV	548591	901408	31.71%	3.332%
28	14.522	1932	1944	1947	rBV4	42213	96639	3.40%	0.357%
29	14.563	1947	1951	1977	rVB2	165201	528451	18.59%	1.953%
30	15.110	2040	2044	2047	rBV6	2513	3465	0.12%	0.013%
31	15.169	2047	2054	2057	rVB9	3004	5701	0.20%	0.021%
32	15.304	2070	2077	2097	rBV	1234474	1981036	69.69%	7.322%
33	15.469	2098	2105	2115	rBV	396513	607691	21.38%	2.246%
34	15.892	2173	2177	2183	rVB9	2639	5073	0.18%	0.019%
35	16.051	2202	2204	2211	rVB8	2619	4340	0.15%	0.016%
36	16.134	2213	2218	2223	rBV8	2584	5831	0.21%	0.022%

LSC Area Percent Report

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Misc :
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Instrument : BNA_P
ClientSampleId : A43Q1

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

37	16.534	2281	2286	2291	rBV8	6837	11534	0.41%	0.043%
38	16.798	2326	2331	2334	rVB7	2760	4258	0.15%	0.016%
39	16.892	2340	2347	2348	rBV7	3651	6072	0.21%	0.022%
40	17.039	2367	2372	2379	rBV10	5635	12696	0.45%	0.047%
41	17.128	2379	2387	2397	rVV	757839	1142396	40.19%	4.223%
42	17.222	2397	2403	2418	rVV	1441036	2192160	77.12%	8.103%
43	17.328	2418	2421	2425	rVV6	8423	14603	0.51%	0.054%
44	17.369	2425	2428	2435	rVV9	5543	11037	0.39%	0.041%
45	17.445	2437	2441	2444	rBV5	2711	3462	0.12%	0.013%
46	17.545	2454	2458	2459	rBV4	2455	3534	0.12%	0.013%
47	17.822	2500	2505	2506	rBV5	3035	4751	0.17%	0.018%
48	17.845	2506	2509	2514	rVB7	6064	9181	0.32%	0.034%
49	17.951	2522	2527	2533	rBV9	11651	23769	0.84%	0.088%
50	18.016	2536	2538	2542	rVB4	4283	4853	0.17%	0.018%
51	18.081	2543	2549	2561	rBV	308841	534063	18.79%	1.974%
52	18.392	2600	2602	2607	rVB5	4659	6827	0.24%	0.025%
53	18.786	2667	2669	2674	rBV6	4456	6682	0.24%	0.025%
54	19.180	2731	2736	2741	rBV4	19498	33428	1.18%	0.124%
55	19.251	2745	2748	2750	rBV	16217	17454	0.61%	0.065%
56	19.286	2751	2754	2756	rBV3	11791	13955	0.49%	0.052%
57	19.427	2774	2778	2788	rBV2	121676	190914	6.72%	0.706%
58	19.627	2806	2812	2824	rBV2	1732439	2654071	93.36%	9.810%
59	19.710	2824	2826	2830	rVB4	11392	13146	0.46%	0.049%
60	20.763	3002	3005	3008	rBV3	32930	36432	1.28%	0.135%
61	21.304	3093	3097	3107	rVB	205032	373894	13.15%	1.382%
62	21.627	3146	3152	3160	rBV2	785287	1278321	44.97%	4.725%
63	24.763	3675	3685	3700	rVB	1043973	2842700	100.00%	10.507%
64	24.998	3716	3725	3736	rVB	468858	1351823	47.55%	4.997%

Sum of corrected areas: 27054648

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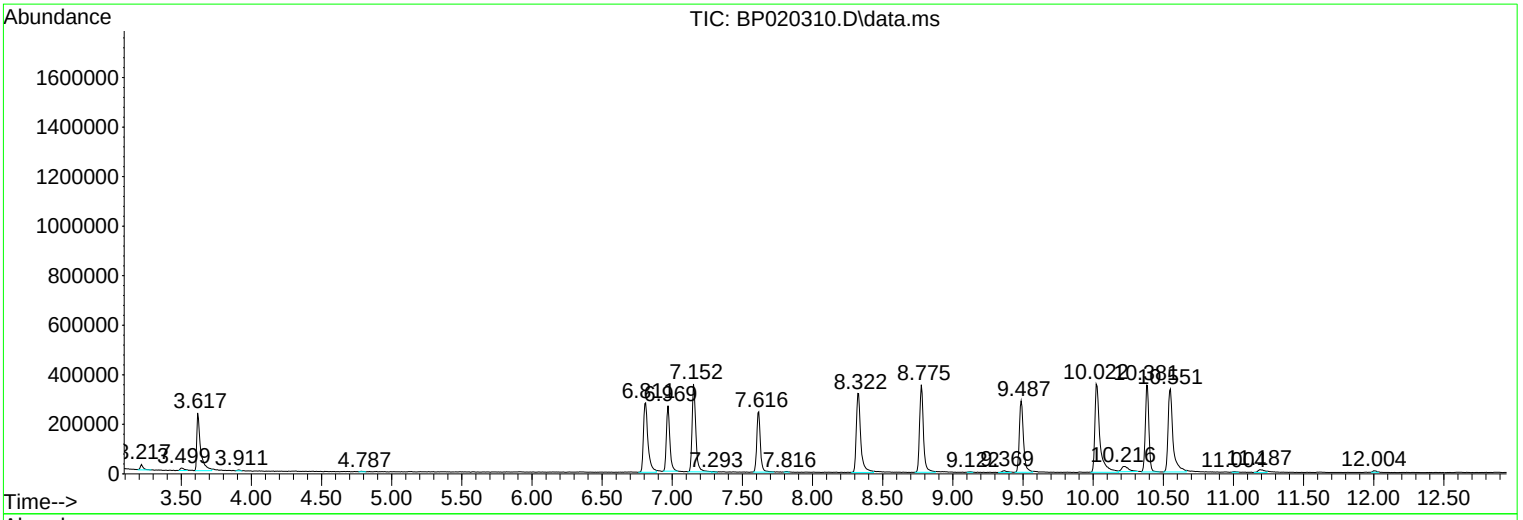
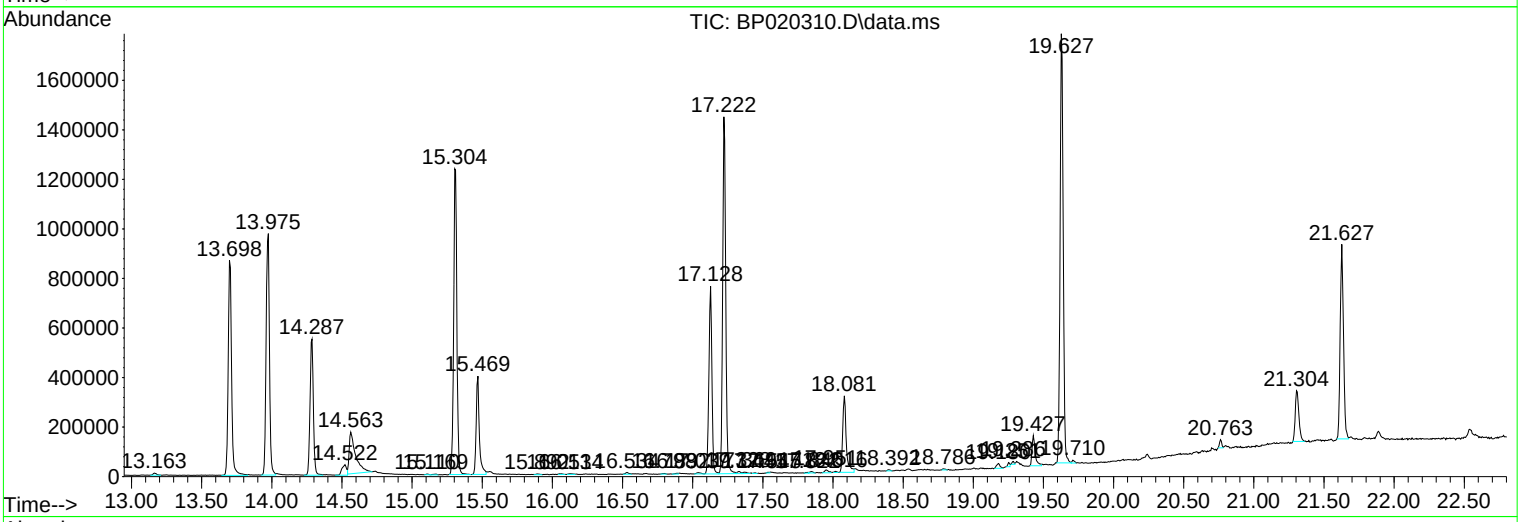
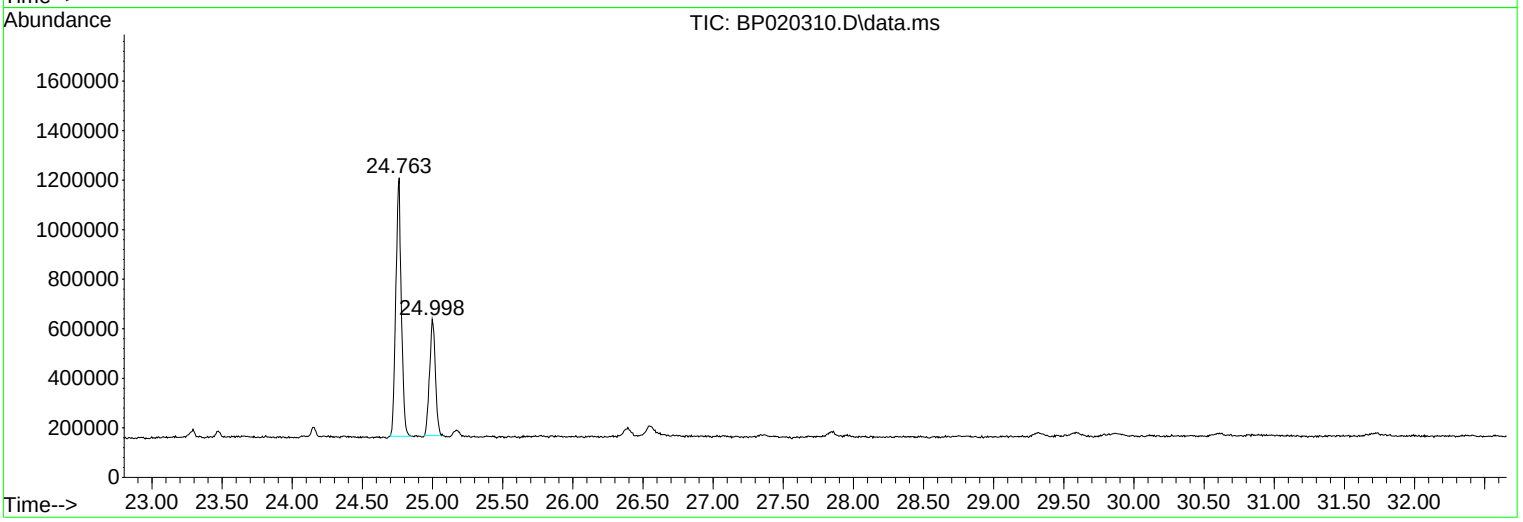
Instrument :
BNA_P
ClientSampleId :
A43Q1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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







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Sample : P2370-08
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Instrument :
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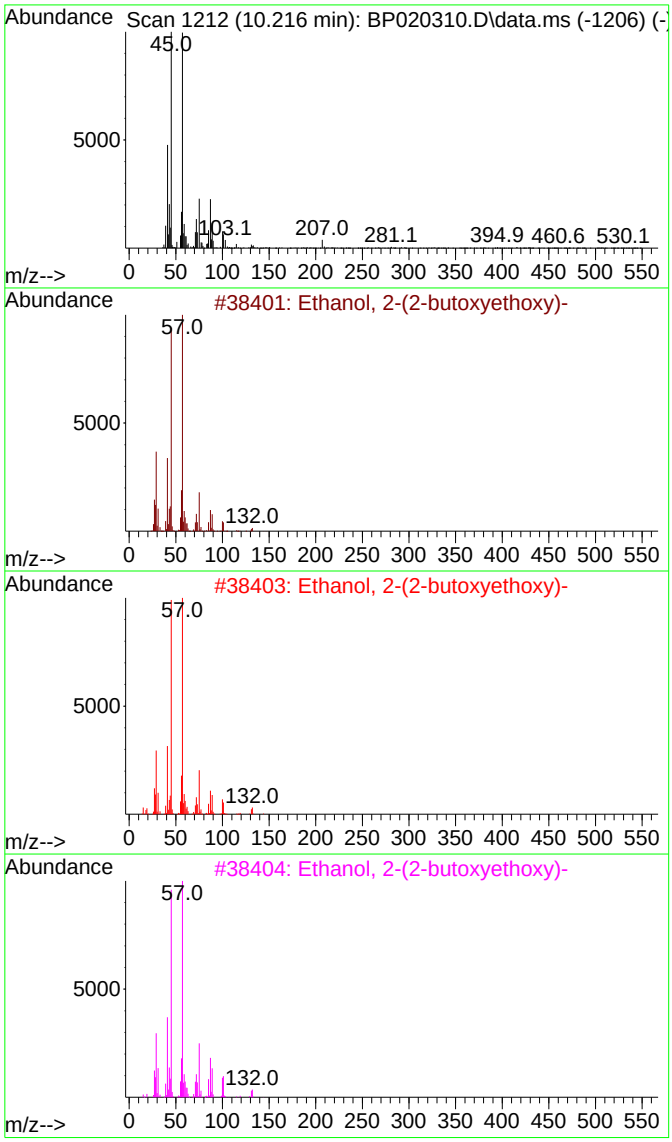
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

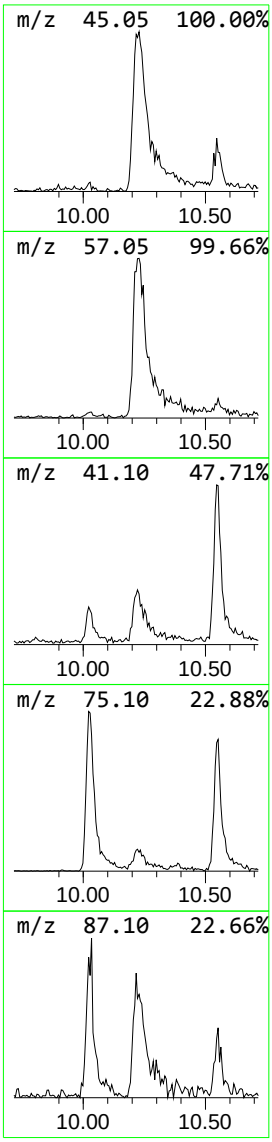
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.216	2.41 ng/ul	75374	Naphthalene-d8	10.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





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Instrument :
BNA_P
ClientSampleId :
A43Q1

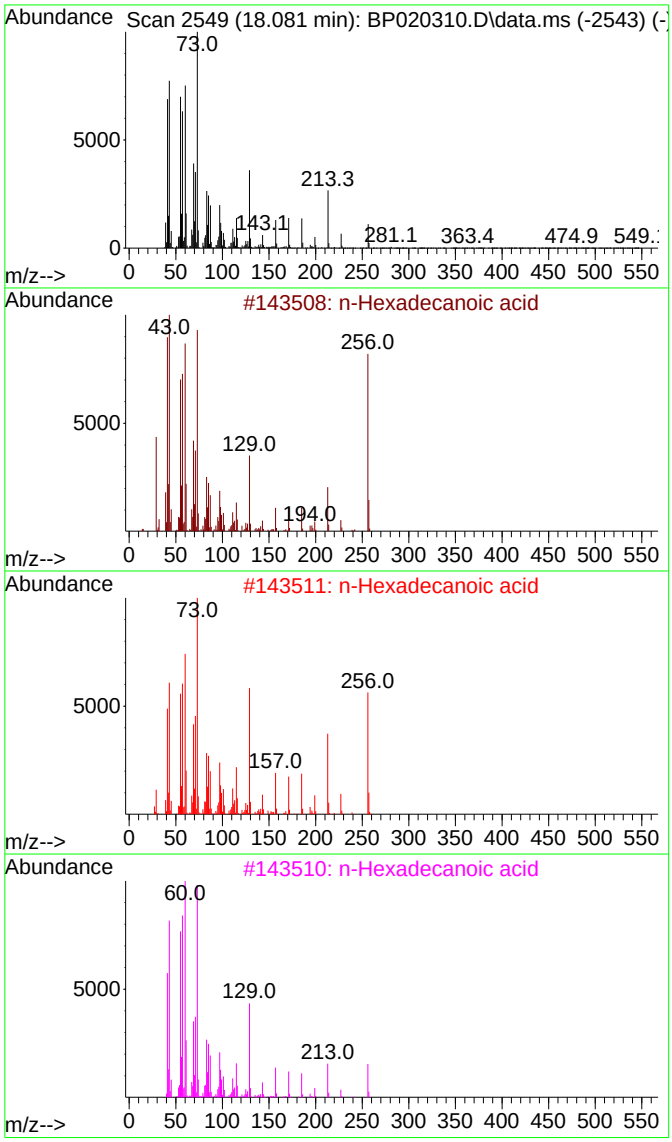
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

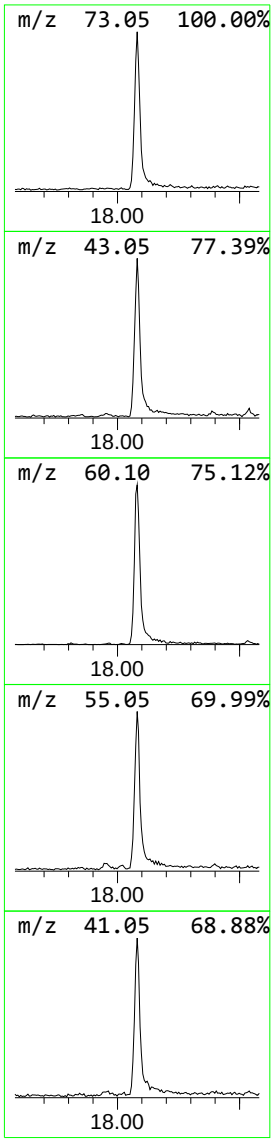
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	9.35 ng/ul	534063	Phenanthrene-d10	17.128

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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Instrument :
BNA_P
ClientSampleId :
A43Q1

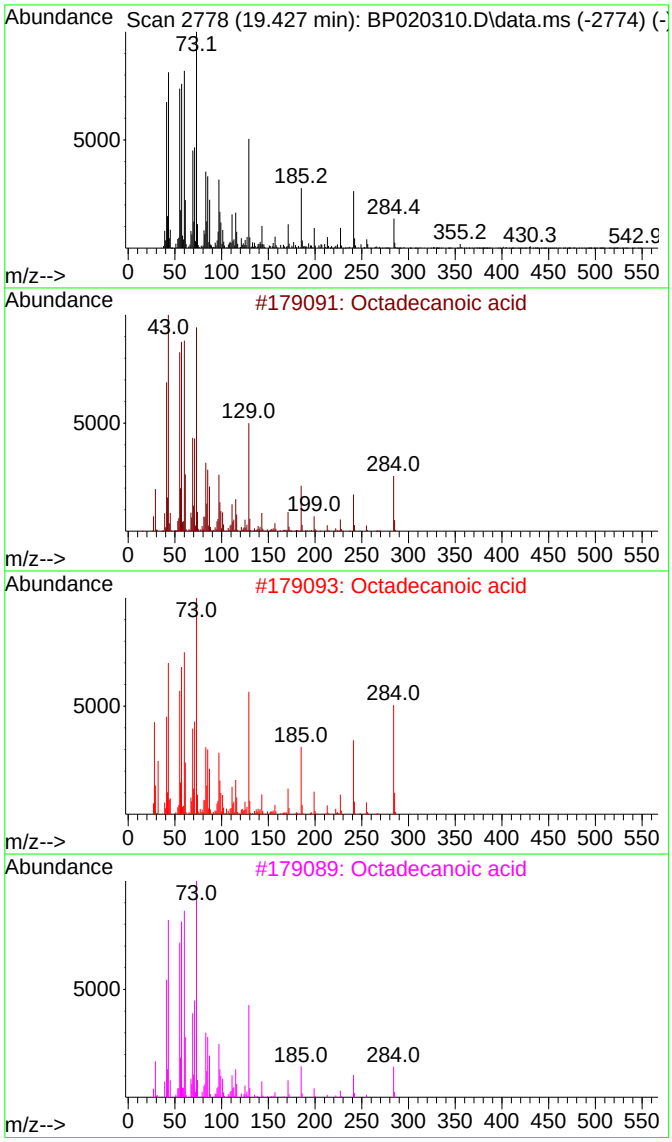
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

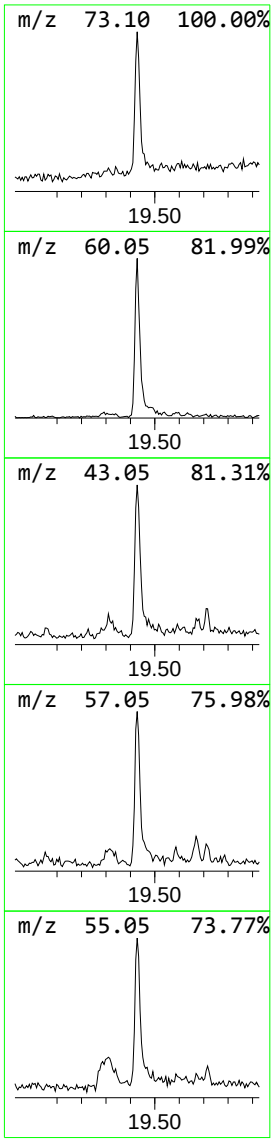
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.427	2.99 ng/ul	190914	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q1

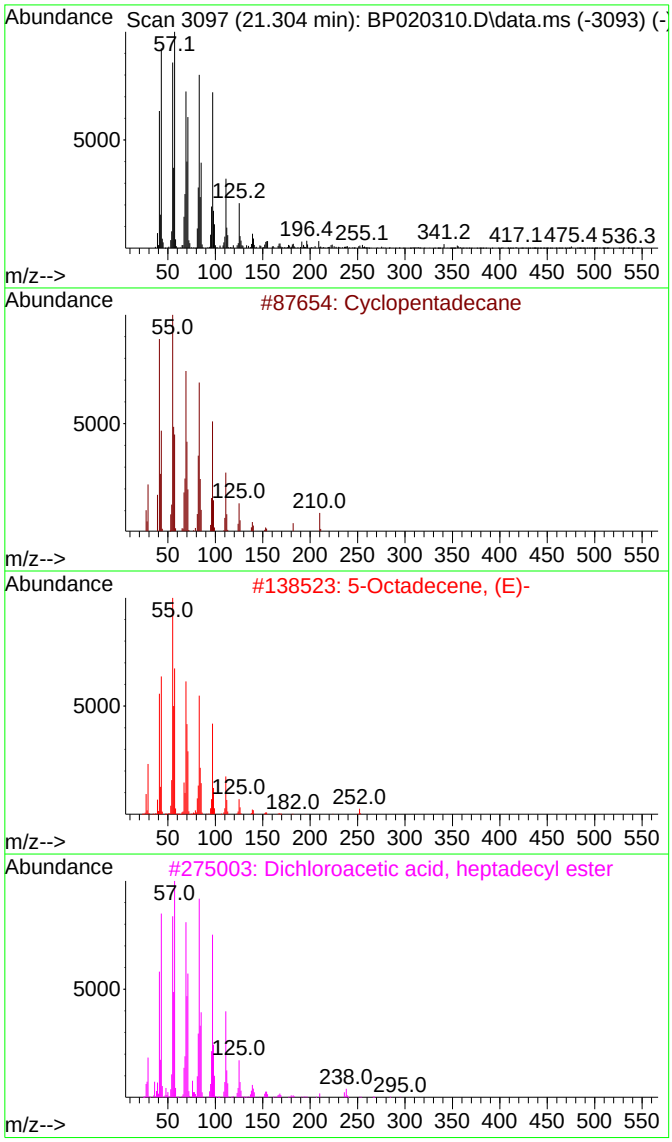
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

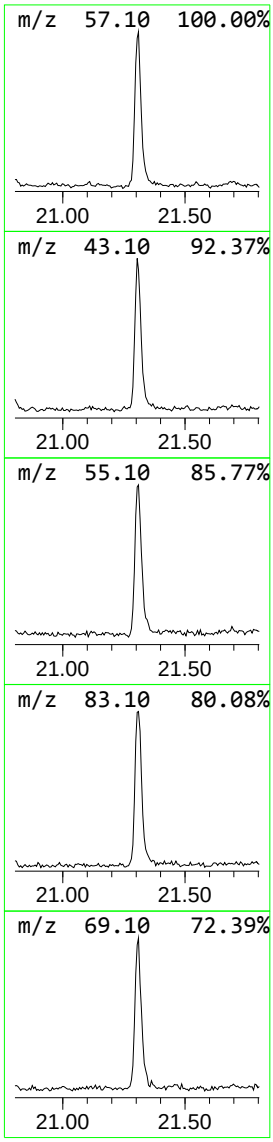
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.304 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.304	5.85 ng/ul	373894	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	1-Hexacosanol	382	C26H54O	000506-52-5	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.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...	10.216	2.4	ng/ul	75374	2	10.387	626251	20.0
n-Hexadecanoic ...	18.081	9.3	ng/ul	534063	4	17.128	1142400	20.0
Octadecanoic acid	19.427	3.0	ng/ul	190914	5	21.627	1278320	20.0
(DEL) Alkane: C...	21.304	5.8	ng/ul	373894	5	21.627	1278320	20.0