LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020400.D
Acq On : 15 May 2024 14:47
Operator : MA/JU
Sample : P2372-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43W7

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: BP020400.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	15	17	22	rVB2	12963	16294	0.79%	0.079%
2	3.475	64	66	77	rVB	11209	24345	1.18%	0.118%
3	3.599	84	87	98	rBV	108376	216031	10.49%	1.047%
4	3.875	132	134	142	rVB6	5290	10694	0.52%	0.052%
5	5.499	407	410	413	rBV5	1750	2131	0.10%	0.010%
6	6.787	623	629	648	rBV	140121	361233	17.54%	1.752%
7	6.946	651	656	674	rVB	143588	268419	13.03%	1.301%
8	7.128	681	687	702	rBV	182622	368287	17.88%	1.786%
9	7.587	757	765	780	rBV	268222	497444	24.15%	2.412%
10	7.769	793	796	799	rVB5	1718	2168	0.11%	0.011%
11	8.311	880	888	902	rBV2	183450	428144	20.79%	2.076%
12	8.752	956	963	980	rBV	188859	380343	18.47%	1.844%
13	9.093	1014	1021	1028	rVB9	3502	7946	0.39%	0.039%
14	9.352	1060	1065	1074	rBV9	4020	13888	0.67%	0.067%
15	9.469	1078	1085	1100	rVV	146071	331534	16.10%	1.608%
16	9.587	1104	1105	1111	rVB5	2260	2522	0.12%	0.012%
17	10.010	1170	1177	1196	rBV	169479	461984	22.43%	2.240%
18	10.216	1207	1212	1224	rBV5	11968	39204	1.90%	0.190%
19	10.357	1228	1236	1249	rVB	355695	682336	33.13%	3.308%
20	10.534	1259	1266	1287	rBV	169018	458681	22.27%	2.224%
21	10.993	1342	1344	1348	rBV4	1693	2368	0.11%	0.011%
22	11.187	1370	1377	1387	rBV4	10833	31804	1.54%	0.154%
23	11.587	1440	1445	1452	rBV10	2057	4666	0.23%	0.023%
24	11.687	1460	1462	1468	rVB7	1515	2623	0.13%	0.013%
25	11.993	1508	1514	1522	rBV7	3958	7694	0.37%	0.037%
26	13.693	1796	1803	1823	rBV	476400	902227	43.81%	4.375%
27	13.963	1842	1849	1865	rBV	653612	978513	47.51%	4.745%
28	14.275	1895	1902	1913	rBV	645207	1001311	48.62%	4.855%
29	14.516	1935	1943	1949	rBV4	21880	54571	2.65%	0.265%
30	14.587	1949	1955	1967	rBV3	64423	247150	12.00%	1.198%
31	14.940	2013	2015	2024	rVB9	2097	4607	0.22%	0.022%
32	15.098	2040	2042	2046	rVB5	2228	2409	0.12%	0.012%
33	15.163	2048	2053	2057	rVB7	3147	4982	0.24%	0.024%
34	15.304	2070	2077	2097	rVB	815866	1273940	61.85%	6.177%
35	15.475	2100	2106	2120	rBV	174189	372464	18.08%	1.806%
36	16.545	2284	2288	2294	rBV8	2886	5662	0.27%	0.027%

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

37	16.675	2306	2310	2312	rBV4	1470	2339	0.11%	0.011%
38	16.798	2327	2331	2335	rVV6	2029	3176	0.15%	0.015%
39	17.069	2373	2377	2379	rBV5	2595	2532	0.12%	0.012%
40	17.128	2380	2387	2398	rVV	931708	1399930	67.97%	6.788%
41	17.228	2398	2404	2419	rVB	934549	1511252	73.38%	7.328%
42	17.381	2428	2430	2438	rVB8	5168	8384	0.41%	0.041%
43	17.445	2440	2441	2447	rVB6	2210	2871	0.14%	0.014%
44	17.851	2504	2510	2514	rVV9	3046	6427	0.31%	0.031%
45	17.951	2523	2527	2533	rBV8	5027	8645	0.42%	0.042%
46	18.081	2544	2549	2559	rBV2	107457	201962	9.81%	0.979%
47	18.528	2622	2625	2630	rBV7	4885	6310	0.31%	0.031%
48	18.992	2702	2704	2708	rBV5	3274	4868	0.24%	0.024%
49	19.045	2711	2713	2716	rVV3	3360	2649	0.13%	0.013%
50	19.169	2730	2734	2740	rBV4	14767	23866	1.16%	0.116%
51	19.251	2744	2748	2749	rBV	12267	16256	0.79%	0.079%
52	19.269	2749	2751	2755	rVV5	10243	12306	0.60%	0.060%
53	19.422	2773	2777	2787	rBV3	54821	97495	4.73%	0.473%
54	19.581	2801	2804	2805	rBV3	10839	9811	0.48%	0.048%
55	19.622	2805	2811	2822	rVV	1380847	1976166	95.95%	9.582%
56	20.228	2911	2914	2916	rVB4	15264	15264	0.74%	0.074%
57	20.751	3000	3003	3007	rBV2	28916	32965	1.60%	0.160%
58	21.286	3090	3094	3104	rVB2	116538	183332	8.90%	0.889%
59	21.604	3142	3148	3160	rBV	999639	1762350	85.57%	8.545%
60	24.727	3670	3679	3696	rVB2	723366	2059627	100.00%	9.986%
61	24.963	3709	3719	3734	rBV	623769	1802714	87.53%	8.741%

Sum of corrected areas: 20624116

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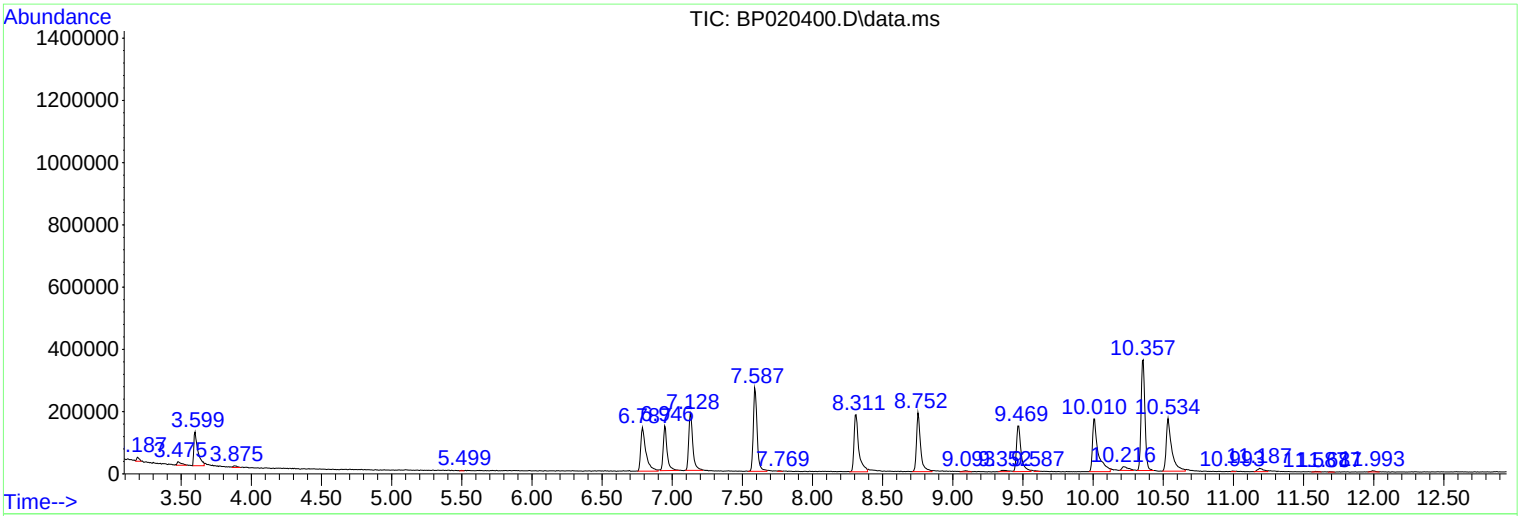
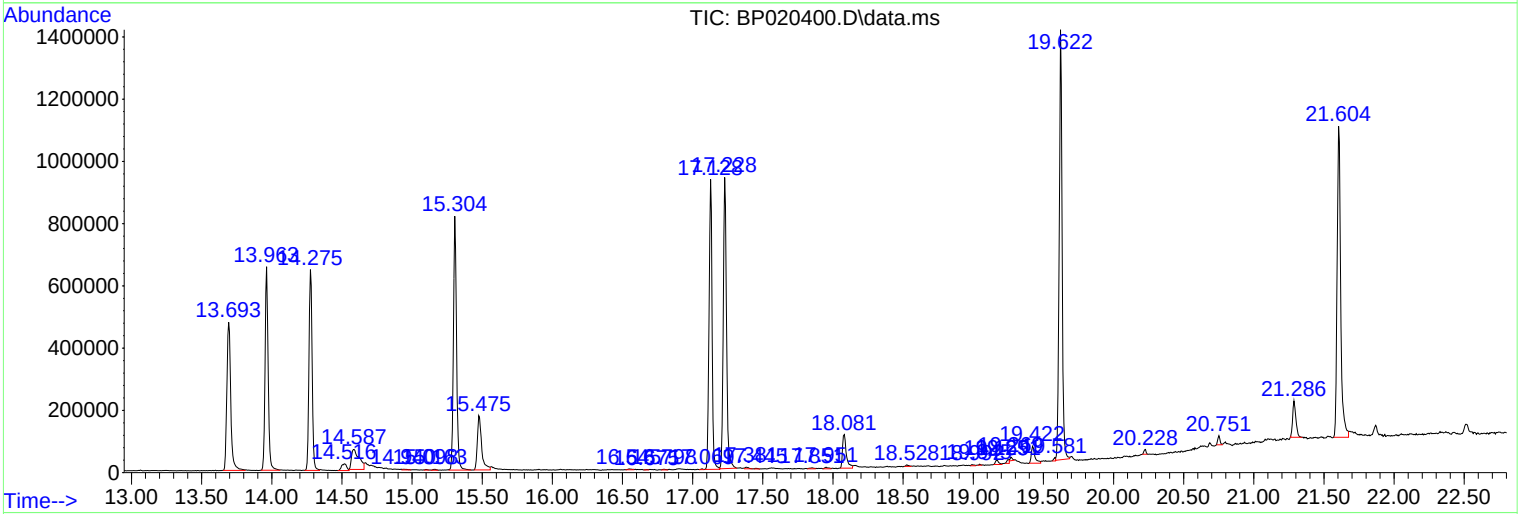
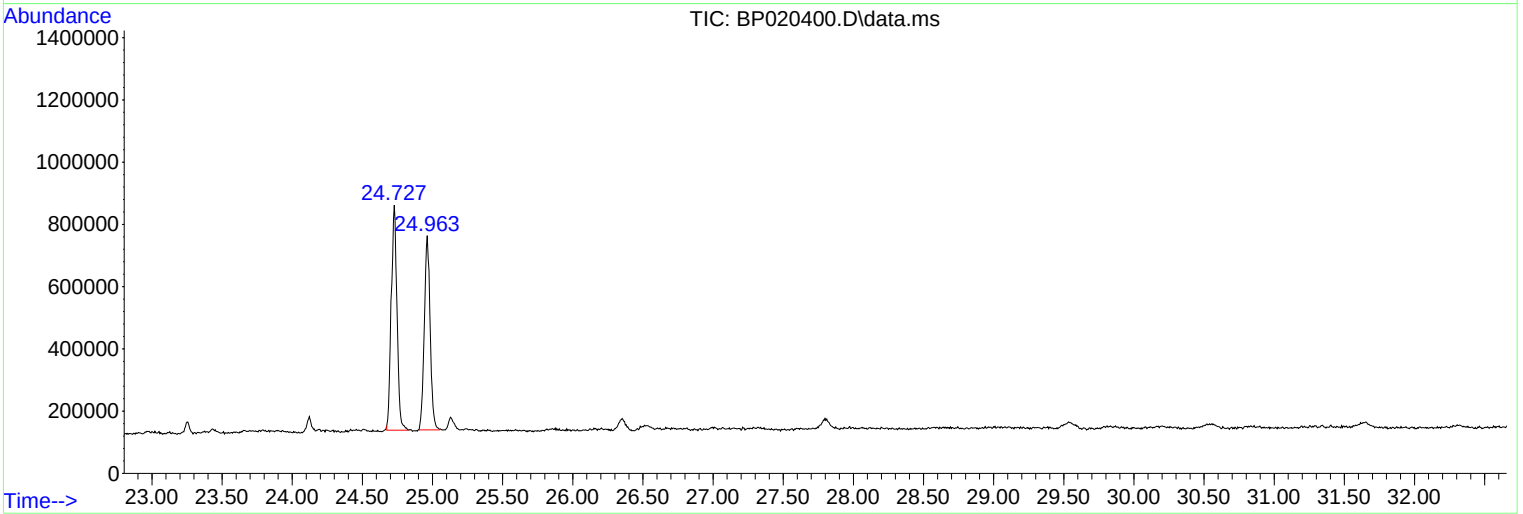
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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







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Instrument :
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ClientSampleId :
A43W7

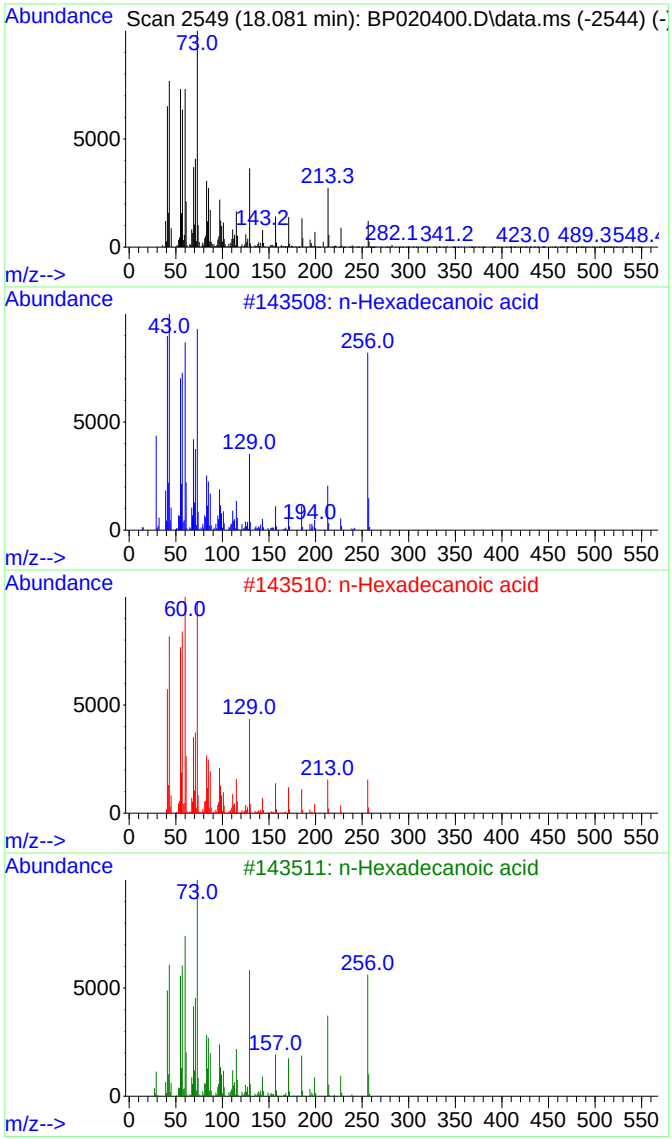
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

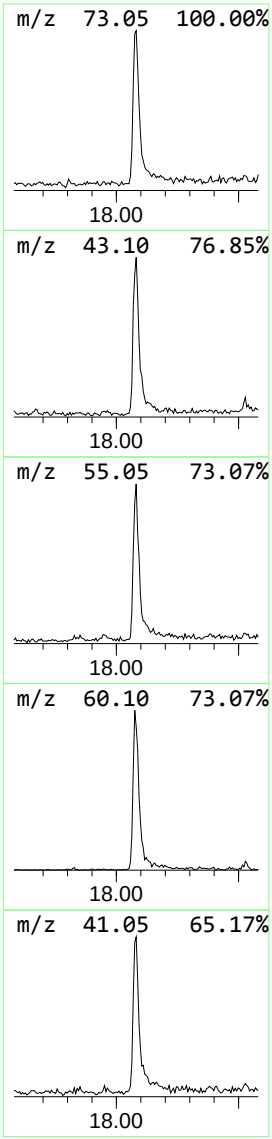
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	2.89 ng/ul	201962	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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	92





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Instrument :
BNA_P
ClientSampleId :
A43W7

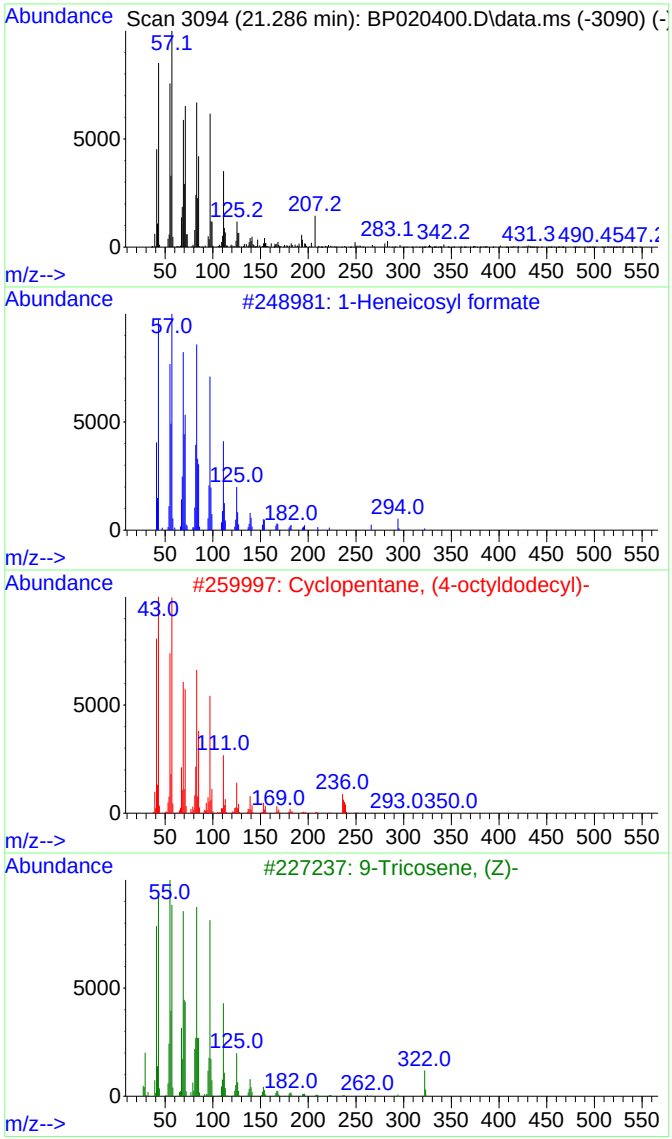
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

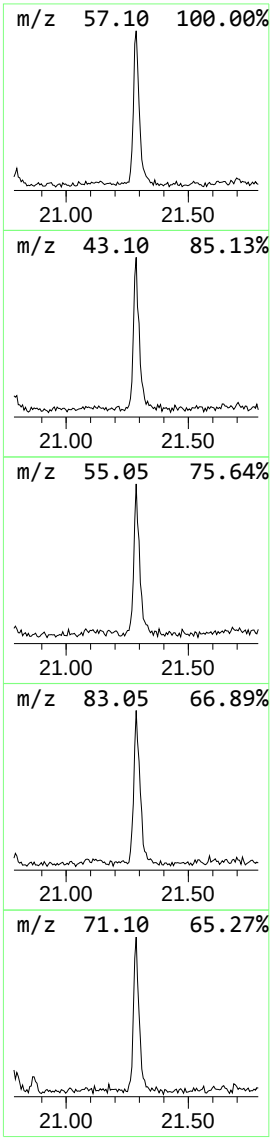
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	2.08 ng/ul	183332	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	93
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	92
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90





Tentatively Identified Compound (LSC) summary

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Instrument :
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ClientSampleId :
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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
n-Hexadecanoic ...	18.081	2.9	ng/ul	201962	4	17.128	1399930	20.0
1-Heneicosyl fo...	21.286	2.1	ng/ul	183332	5	21.604	1762350	20.0