LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
Data File : BP016612.D
Acq On : 16 Aug 2023 20:23
Operator : MA/JU
Sample : 03967-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48L9

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-BP081423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016612.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.393	14	18	29	rVB	77350	129140	1.46%	0.163%
2	3.687	65	68	75	rVB3	12239	16680	0.19%	0.021%
3	3.828	88	92	108	rBV	883018	1383305	15.66%	1.743%
4	4.152	143	147	153	rVB	35776	50423	0.57%	0.064%
5	7.005	626	632	636	rBV8	6524	14050	0.16%	0.018%
6	7.193	657	664	677	rBV	1120706	1753445	19.85%	2.209%
7	7.393	691	698	707	rVB	877768	1398406	15.83%	1.762%
8	7.575	719	729	737	rBV	1006061	1628295	18.43%	2.052%
9	7.646	737	741	750	rVB	34441	66189	0.75%	0.083%
10	8.057	803	811	822	rBV	734817	1182029	13.38%	1.489%
11	8.751	919	929	944	rBV	1373439	2283663	25.85%	2.878%
12	9.251	1006	1014	1026	rBV	1077849	1747684	19.79%	2.202%
13	9.481	1049	1053	1059	rVB8	7807	11582	0.13%	0.015%
14	9.969	1126	1136	1144	rBV	835105	1391991	15.76%	1.754%
15	10.493	1217	1225	1238	rBV	1323834	2219785	25.13%	2.797%
16	10.887	1282	1292	1304	rBV	1169257	1918633	21.72%	2.418%
17	11.040	1309	1318	1334	rBV	1438185	2487164	28.16%	3.134%
18	12.357	1538	1542	1546	rBV7	5180	9402	0.11%	0.012%
19	12.463	1555	1560	1568	rVB3	25704	40843	0.46%	0.051%
20	13.039	1654	1658	1662	rVB7	6583	9689	0.11%	0.012%
21	13.287	1693	1700	1706	rBV9	6936	12945	0.15%	0.016%
22	13.475	1726	1732	1736	rBV6	7938	15954	0.18%	0.020%
23	13.551	1738	1745	1751	rVV	160991	252732	2.86%	0.318%
24	13.892	1800	1803	1810	rVB9	7444	9993	0.11%	0.013%
25	14.116	1834	1841	1853	rBV	2816101	3858596	43.68%	4.862%
26	14.404	1882	1890	1907	rBV	3166977	4586998	51.93%	5.780%
27	14.528	1909	1911	1915	rVB5	6723	9343	0.11%	0.012%
28	14.704	1934	1941	1949	rBV	1909989	2718328	30.77%	3.425%
29	14.898	1966	1974	1994	rBV	1342655	2268823	25.69%	2.859%
30	15.081	2002	2005	2007	rBV3	8668	10914	0.12%	0.014%
31	15.134	2011	2014	2020	rVB5	20640	29544	0.33%	0.037%
32	15.516	2076	2079	2084	rVB7	6257	9115	0.10%	0.011%
33	15.698	2102	2110	2122	rBV	4207404	5957553	67.45%	7.507%
34	15.816	2124	2130	2140	rVV	1080497	1477232	16.72%	1.861%
35	15.939	2147	2151	2155	rVB2	15828	22542	0.26%	0.028%
36	16.422	2229	2233	2239	rVB	40134	59019	0.67%	0.074%

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Title : SVOA CALIBRATION

37	16.516	2245	2249	2251	rBV4	6458	9637	0.11%	0.012%
38	16.698	2278	2280	2284	rVB4	9906	11379	0.13%	0.014%
39	16.822	2297	2301	2305	rVB5	8817	13042	0.15%	0.016%
40	17.257	2371	2375	2380	rBV7	7092	15502	0.18%	0.020%
41	17.469	2404	2411	2417	rBV	2512026	3548187	40.17%	4.471%
42	17.569	2422	2428	2438	rVV2	4686437	6620454	74.95%	8.342%
43	17.651	2438	2442	2449	rVB5	45612	73643	0.83%	0.093%
44	18.086	2514	2516	2522	rVB4	20729	27244	0.31%	0.034%
45	18.310	2549	2554	2566	rBV	549585	914592	10.35%	1.152%
46	19.222	2707	2709	2717	rVB8	26480	33751	0.38%	0.043%
47	19.374	2732	2735	2738	rBV	55443	66199	0.75%	0.083%
48	19.439	2743	2746	2749	rVV	67661	80428	0.91%	0.101%
49	19.539	2760	2763	2772	rBV	225964	346773	3.93%	0.437%
50	19.798	2802	2807	2819	rBV	6224710	8377190	94.84%	10.556%
51	21.221	3045	3049	3058	rBV2	528767	835072	9.45%	1.052%
52	21.563	3102	3107	3113	rBV2	3150079	4236585	47.96%	5.338%
53	23.974	3509	3517	3527	rVB2	4072956	8833199	100.00%	11.131%
54	24.145	3540	3546	3557	rVB	1984681	4274641	48.39%	5.386%

Sum of corrected areas: 79359547

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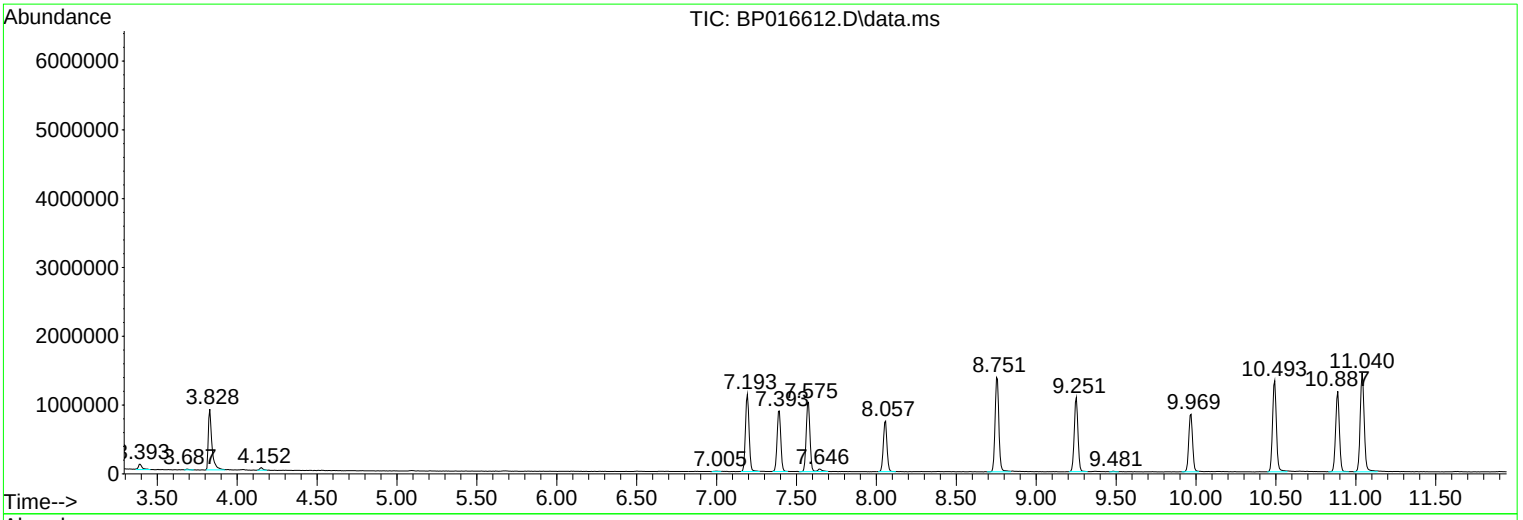
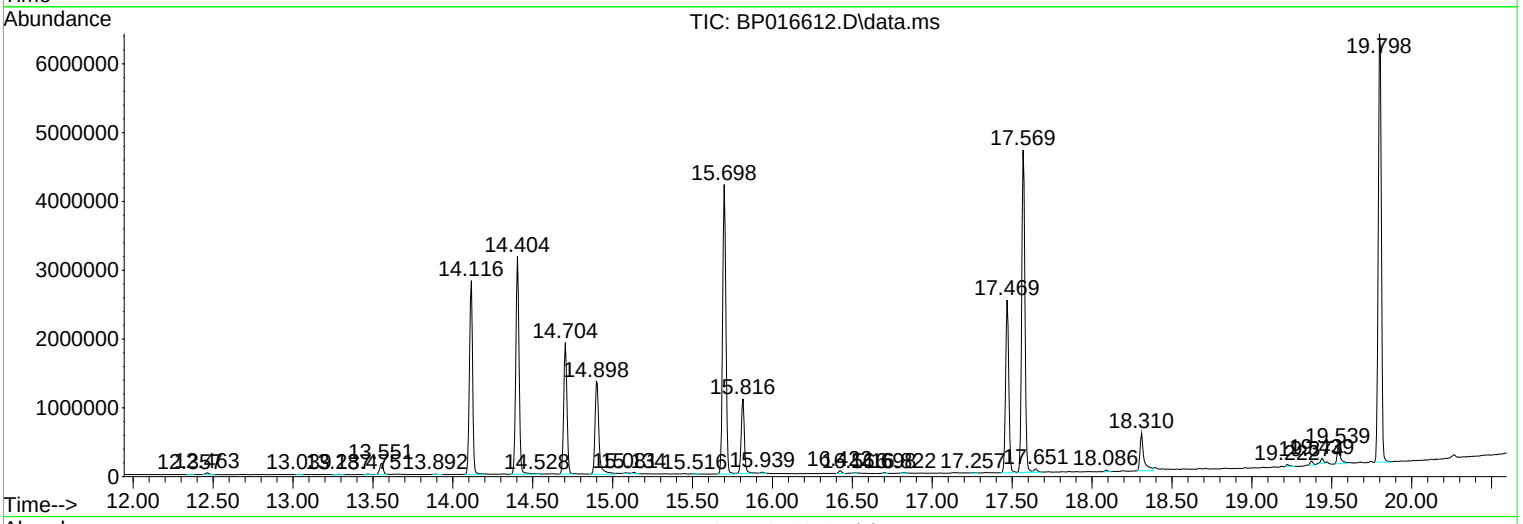
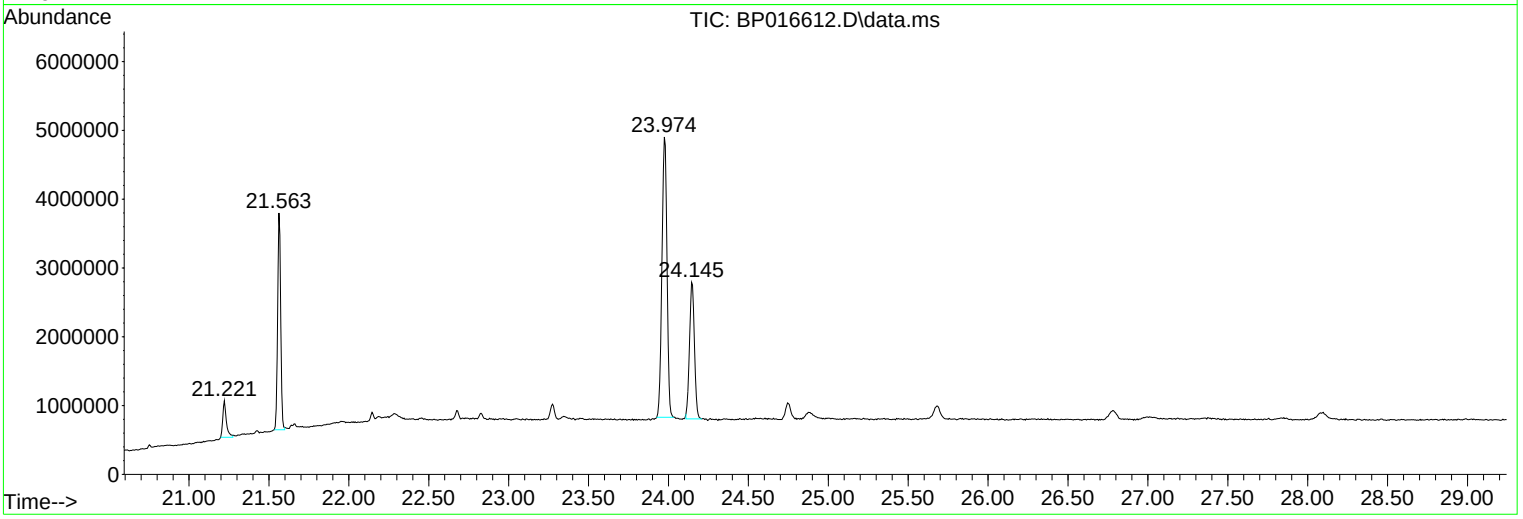
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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







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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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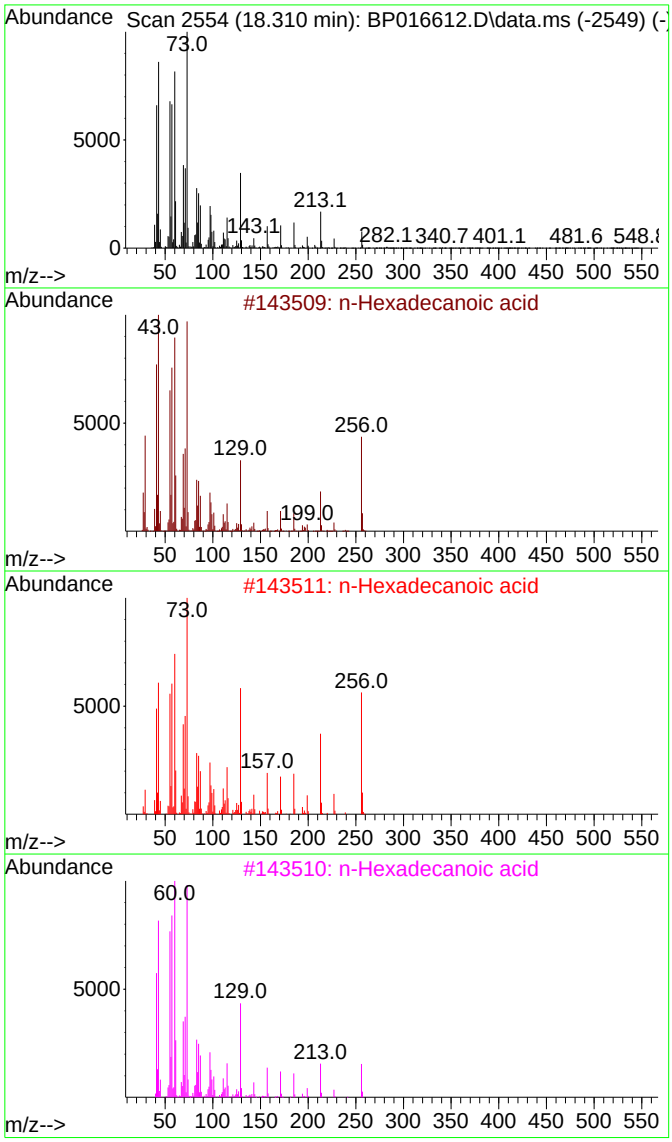
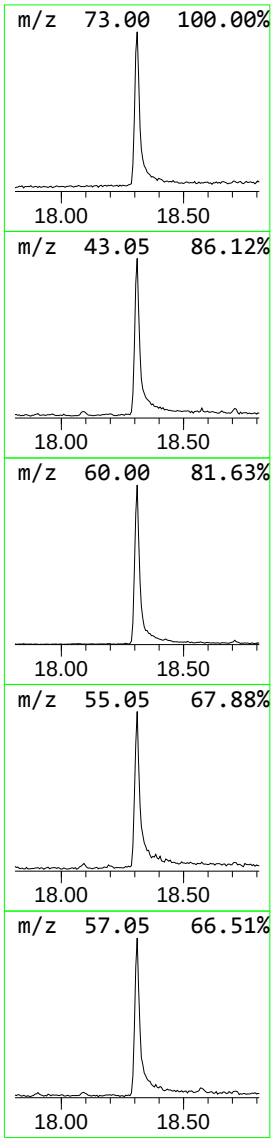
****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	5.16 ng/ul	914592	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
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	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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Instrument :
BNA_P
ClientSampleId :
A48L9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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

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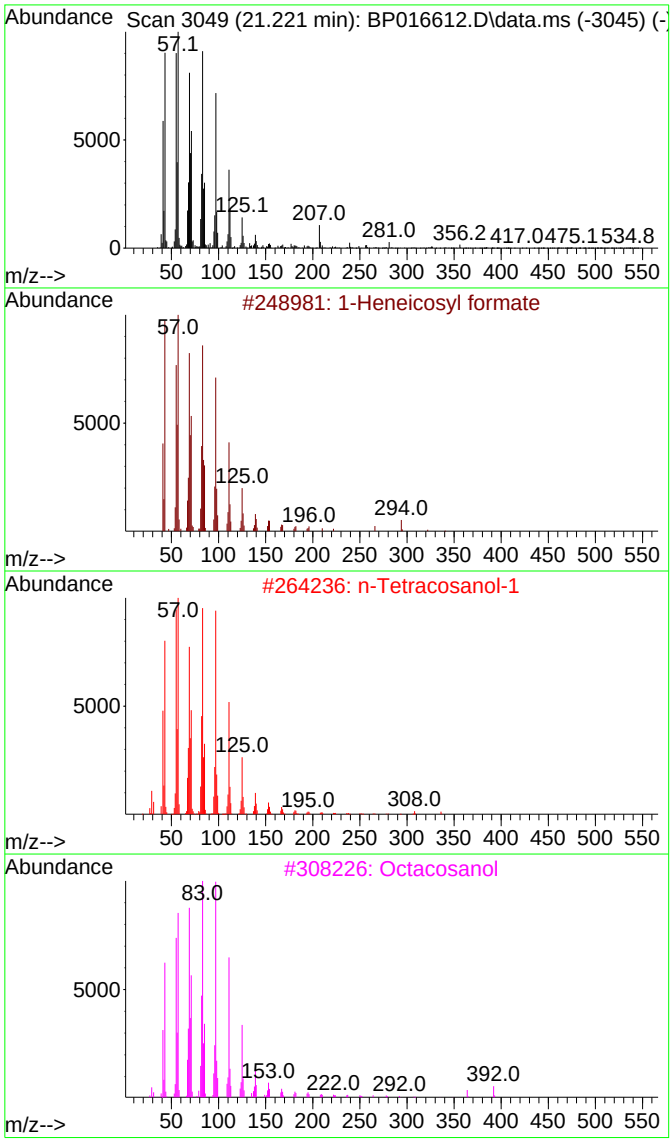
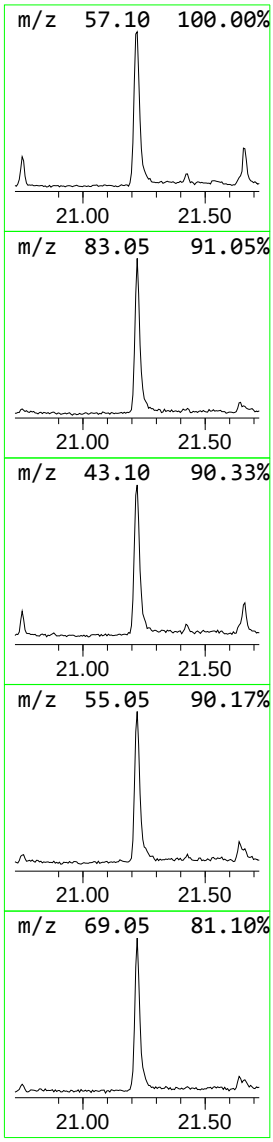
Peak Number 2 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	3.94 ng/ul	835072	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument :
BNA_P
ClientSampleId :
A48L9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.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 ...	18.310	5.2	ng/ul	914592	4	17.469	3548190	20.0
1-Heneicosyl fo...	21.221	3.9	ng/ul	835072	5	21.563	4236590	20.0