LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091023\
Data File : BP017104.D
Acq On : 11 Sep 2023 14:48
Operator : MA/JU
Sample : 04268-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : H0GH4

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-BP091023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017104.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.316	35	39	46	rVB	95154	128962	1.59%	0.172%
2	3.752	110	113	133	rBV	342174	572923	7.07%	0.765%
3	3.946	141	146	153	rBV	54270	84886	1.05%	0.113%
4	4.063	162	166	171	rVB2	18117	27408	0.34%	0.037%
5	5.005	323	326	333	rVB3	8798	13665	0.17%	0.018%
6	5.587	423	425	433	rVB5	8383	14360	0.18%	0.019%
7	7.110	677	684	698	rVB	298012	485105	5.98%	0.648%
8	7.299	709	716	729	rBV	1144080	1743109	21.50%	2.327%
9	7.475	740	746	757	rBV	1007972	1625068	20.05%	2.170%
10	7.634	769	773	779	rVB9	4425	8265	0.10%	0.011%
11	7.957	821	828	840	rBV	1055406	1647106	20.32%	2.199%
12	8.663	942	948	964	rBV	805241	1336796	16.49%	1.785%
13	9.157	1024	1032	1044	rBV	1322866	2096121	25.86%	2.798%
14	9.275	1048	1052	1056	rVB6	5541	9511	0.12%	0.013%
15	9.869	1143	1153	1170	rBV	1013221	1647774	20.33%	2.200%
16	10.393	1234	1242	1259	rBV	1383852	2325994	28.69%	3.105%
17	10.787	1301	1309	1318	rBV	1495276	2475073	30.53%	3.304%
18	10.945	1328	1336	1354	rBV	1244562	2097214	25.87%	2.800%
19	11.475	1420	1426	1432	rBV7	5564	9533	0.12%	0.013%
20	11.863	1489	1492	1498	rVB2	16166	22431	0.28%	0.030%
21	12.369	1571	1578	1583	rBV2	22361	37424	0.46%	0.050%
22	13.463	1758	1764	1772	rBV2	17060	31198	0.38%	0.042%
23	13.575	1781	1783	1789	rVB7	6482	8761	0.11%	0.012%
24	13.857	1827	1831	1836	rVB3	11368	18426	0.23%	0.025%
25	14.034	1854	1861	1874	rBV	3142222	4211997	51.96%	5.623%
26	14.316	1902	1909	1921	rBV2	3155317	4571074	56.39%	6.103%
27	14.616	1951	1960	1970	rBV	2284054	3275038	40.40%	4.372%
28	14.833	1992	1997	2014	rBV	216614	406861	5.02%	0.543%
29	14.992	2021	2024	2027	rBV5	7721	10586	0.13%	0.014%
30	15.051	2032	2034	2039	rVB6	6478	8406	0.10%	0.011%
31	15.616	2121	2130	2144	rBV	4329742	6125473	75.57%	8.178%
32	15.739	2145	2151	2164	rVV	1612278	2063369	25.45%	2.755%
33	15.851	2166	2170	2176	rVB5	20399	34524	0.43%	0.046%
34	17.069	2371	2377	2381	rBV6	11323	20825	0.26%	0.028%
35	17.386	2425	2431	2441	rBV	2916530	3925787	48.43%	5.241%
36	17.486	2442	2448	2465	rVV2	5033455	6854808	84.56%	9.151%

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Instrument :
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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 >
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Title : SVOA CALIBRATION

37	17.816	2501	2504	2510	rVB2	23433	29799	0.37%	0.040%
38	18.016	2535	2538	2543	rVB7	14144	16299	0.20%	0.022%
39	18.227	2569	2574	2586	rBV	394110	616058	7.60%	0.822%
40	18.492	2615	2619	2624	rBV2	32901	37554	0.46%	0.050%
41	19.104	2720	2723	2726	rVB2	24732	26840	0.33%	0.036%
42	19.298	2752	2756	2760	rBV2	53053	71004	0.88%	0.095%
43	19.369	2764	2768	2775	rVB	69229	99488	1.23%	0.133%
44	19.463	2780	2784	2792	rBV	281450	404096	4.99%	0.539%
45	19.604	2805	2808	2812	rVB	65560	68206	0.84%	0.091%
46	19.663	2816	2818	2823	rVB3	22308	25669	0.32%	0.034%
47	19.727	2823	2829	2840	rBV	6577434	8106193	100.00%	10.822%
48	20.621	2979	2981	2985	rBV3	44890	47854	0.59%	0.064%
49	21.163	3070	3073	3081	rVB4	99688	190652	2.35%	0.255%
50	21.486	3123	3128	3137	rBV	3195480	3882284	47.89%	5.183%
51	23.851	3523	3530	3541	rVB2	3788959	7496881	92.48%	10.009%
52	24.015	3551	3558	3569	rBV	1890929	3809232	46.99%	5.085%

Sum of corrected areas: 74903970

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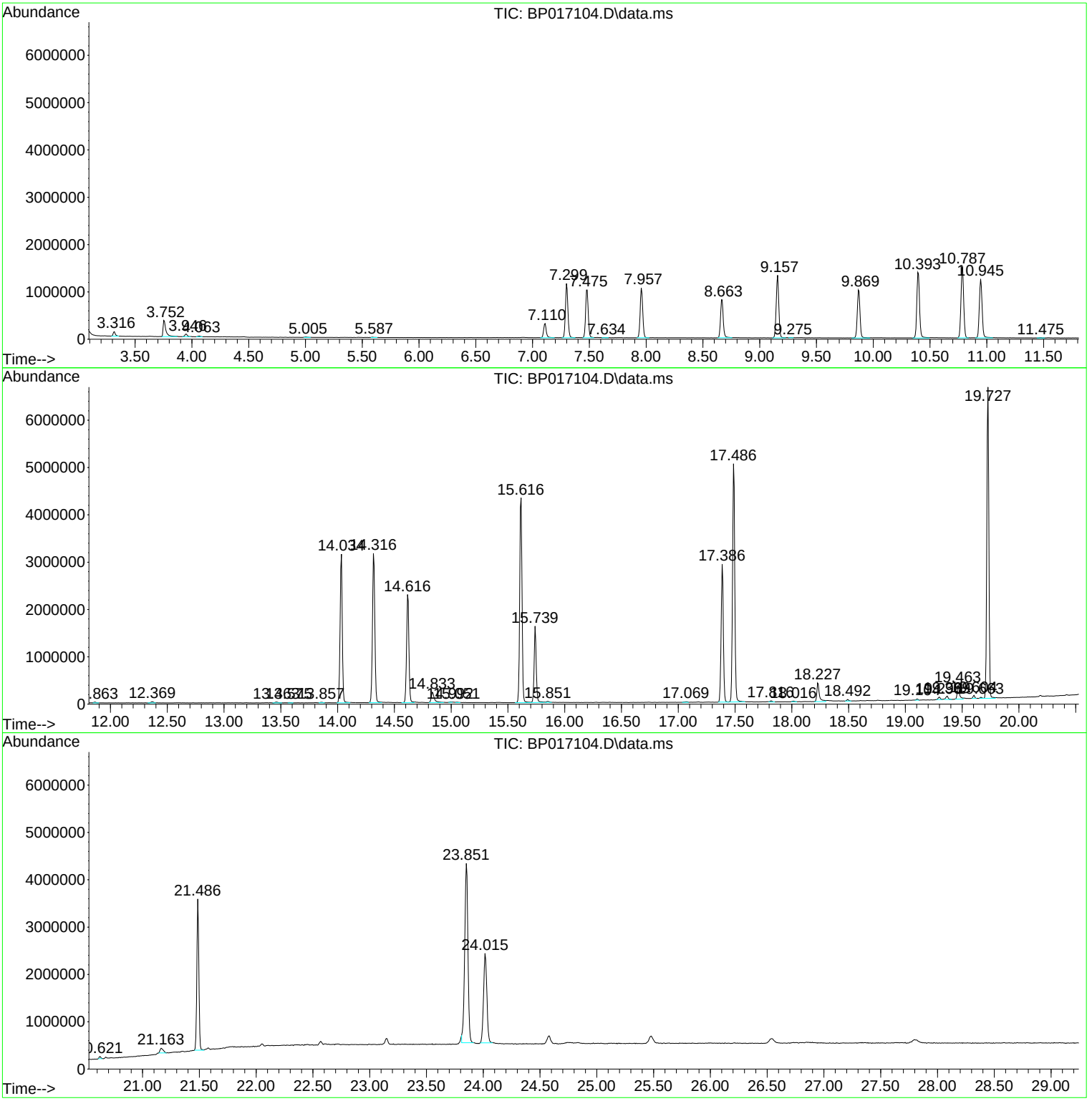
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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

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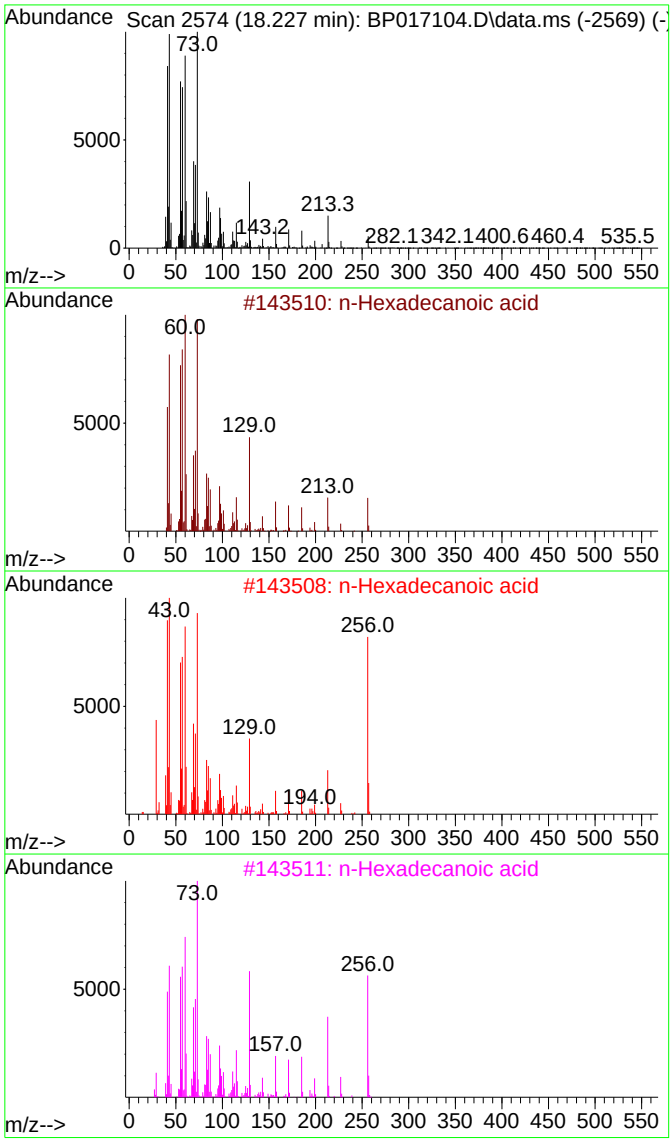
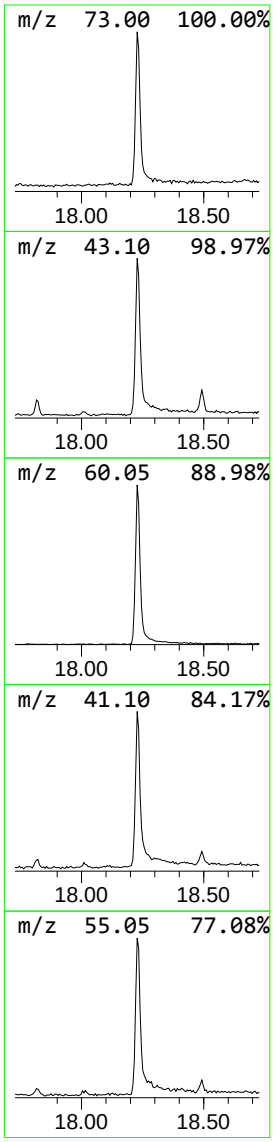
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	3.14 ng/ul	616058	Phenanthrene-d10	17.386

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	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





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Instrument :
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ClientSampleId :
H0GH4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
Quant Title : SVOA CALIBRATION

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

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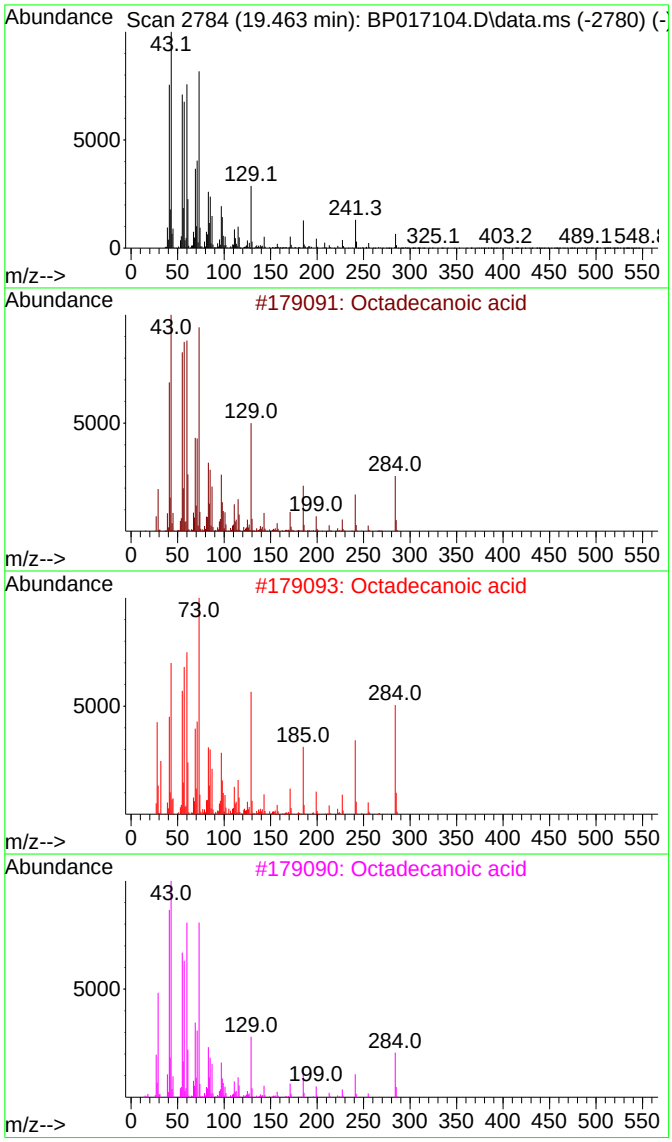
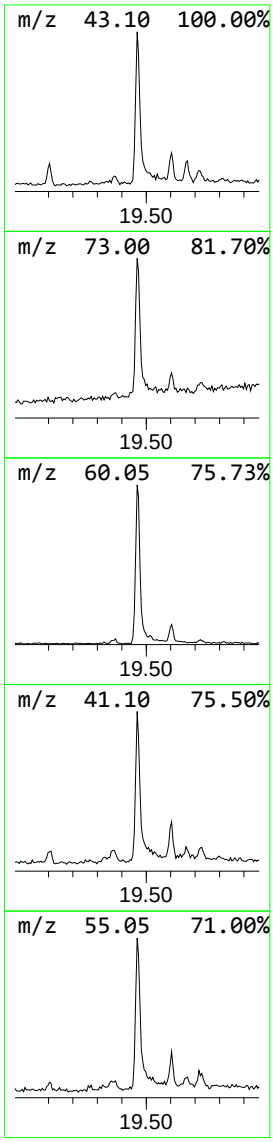
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.463	2.08 ng/ul	404096	Chrysene-d12	21.486

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.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 ...	18.227	3.1	ng/ul	616058	4	17.386	3925790	20.0
Octadecanoic acid	19.463	2.1	ng/ul	404096	5	21.486	3882280	20.0