LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020042.D
Acq On : 20 Apr 2024 13:37
Operator : MA/JU
Sample : P2161-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R93

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-BP041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020042.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.228	21	24	34	rVB	21577	30450	1.07%	0.111%
2	3.646	92	95	106	rBV	30291	61398	2.17%	0.224%
3	3.928	139	143	148	rVB4	5880	8765	0.31%	0.032%
4	6.828	630	636	649	rBV	70715	157443	5.56%	0.574%
5	6.993	657	664	677	rBV	372430	658722	23.25%	2.403%
6	7.175	688	695	706	rBV	332144	604438	21.33%	2.205%
7	7.640	763	774	785	rBV	318500	549482	19.39%	2.005%
8	8.346	887	894	911	rBV	245733	462392	16.32%	1.687%
9	8.799	963	971	990	rBV	520788	942501	33.27%	3.438%
10	8.958	996	998	1006	rVB9	2350	3896	0.14%	0.014%
11	9.158	1026	1032	1040	rVB2	5986	9779	0.35%	0.036%
12	9.510	1085	1092	1103	rBV	410217	742049	26.19%	2.707%
13	9.605	1107	1108	1119	rVB9	2628	5072	0.18%	0.019%
14	10.046	1176	1183	1207	rBV	437108	977067	34.49%	3.565%
15	10.416	1237	1246	1260	rVB	416668	796457	28.11%	2.906%
16	10.575	1265	1273	1294	rBV	210167	516707	18.24%	1.885%
17	11.246	1380	1387	1393	rBV6	4650	12225	0.43%	0.045%
18	12.057	1518	1525	1535	rVB4	7913	17812	0.63%	0.065%
19	13.116	1699	1705	1711	rBV4	2741	4945	0.17%	0.018%
20	13.198	1713	1719	1726	rVV4	11667	21914	0.77%	0.080%
21	13.275	1728	1732	1739	rVB9	2124	4371	0.15%	0.016%
22	13.734	1802	1810	1828	rBV	1168382	1798007	63.46%	6.560%
23	14.004	1847	1856	1874	rBV	1313492	2024116	71.44%	7.384%
24	14.316	1901	1909	1919	rBV	704369	1114472	39.33%	4.066%
25	14.610	1952	1959	1964	rBV4	21191	56349	1.99%	0.206%
26	15.204	2057	2060	2065	rVB5	2178	3475	0.12%	0.013%
27	15.345	2076	2084	2100	rBV	1705820	2531277	89.34%	9.235%
28	15.492	2102	2109	2124	rVV	448480	802364	28.32%	2.927%
29	15.592	2124	2126	2135	rVB8	9643	19132	0.68%	0.070%
30	15.934	2180	2184	2189	rVB8	2873	4186	0.15%	0.015%
31	16.087	2208	2210	2218	rVB8	2145	3078	0.11%	0.011%
32	16.157	2218	2222	2227	rBV7	5324	9748	0.34%	0.036%
33	16.587	2291	2295	2302	rBV9	3779	7993	0.28%	0.029%
34	16.828	2330	2336	2343	rVB9	3513	6089	0.21%	0.022%
35	16.939	2350	2355	2361	rBV9	3357	8114	0.29%	0.030%
36	17.157	2385	2392	2402	rBV	914995	1260362	44.48%	4.598%

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Title : SVOA CALIBRATION

37	17.263	2402	2410	2425	rVV	1604670	2663740	94.02%	9.718%
38	17.598	2463	2467	2469	rVB4	2081	2928	0.10%	0.011%
39	17.886	2513	2516	2521	rVB5	6289	8753	0.31%	0.032%
40	18.116	2550	2555	2566	rBV	106098	204213	7.21%	0.745%
41	18.569	2630	2632	2636	rVB4	5895	6351	0.22%	0.023%
42	19.210	2737	2741	2748	rBV4	19356	32194	1.14%	0.117%
43	19.286	2750	2754	2760	rBV	14610	27568	0.97%	0.101%
44	19.469	2780	2785	2794	rBV3	92238	172171	6.08%	0.628%
45	19.663	2812	2818	2830	rVB	2268228	2796283	98.69%	10.201%
46	21.663	3152	3158	3169	rBV2	673536	1176751	41.53%	4.293%
47	24.816	3685	3694	3709	rVB2	1026600	2833305	100.00%	10.337%
48	25.057	3726	3735	3753	rVB	459524	1249695	44.11%	4.559%

Sum of corrected areas: 27410599

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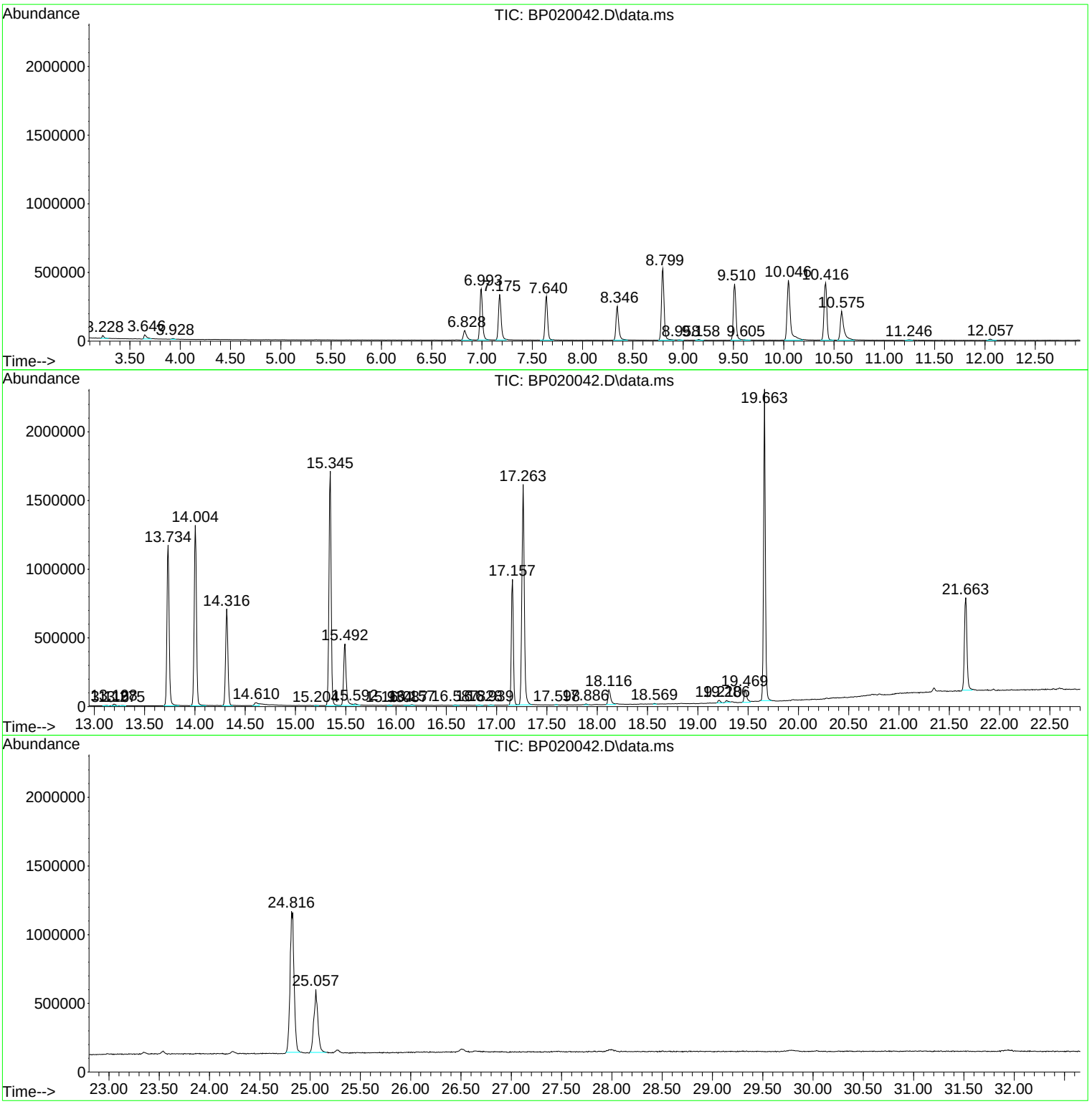
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

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



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

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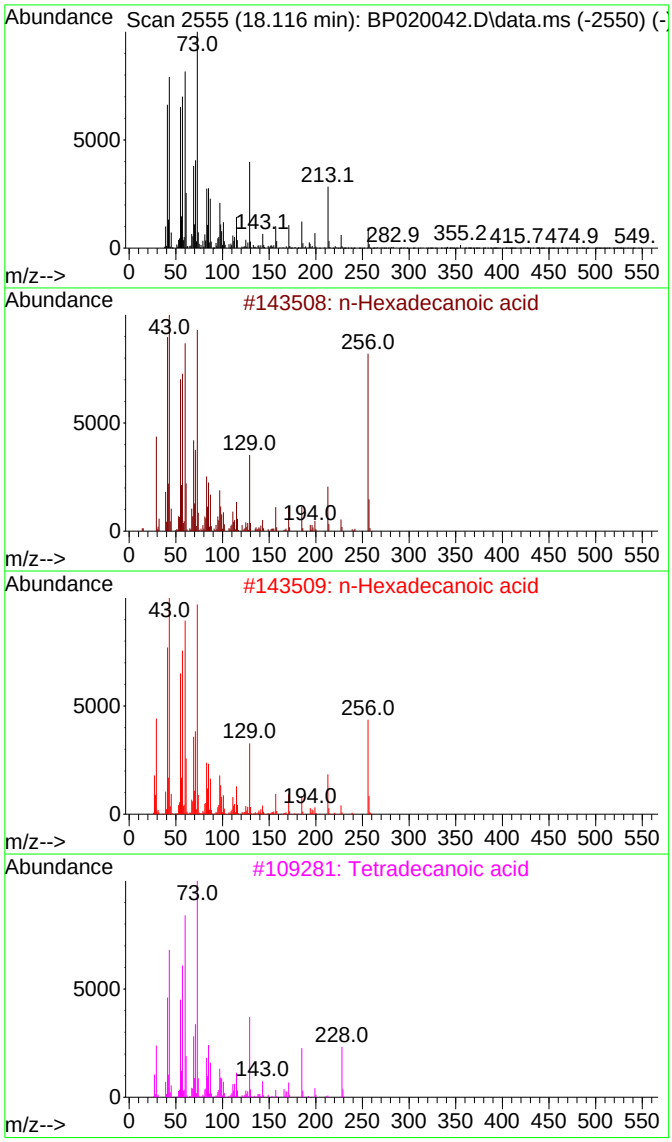
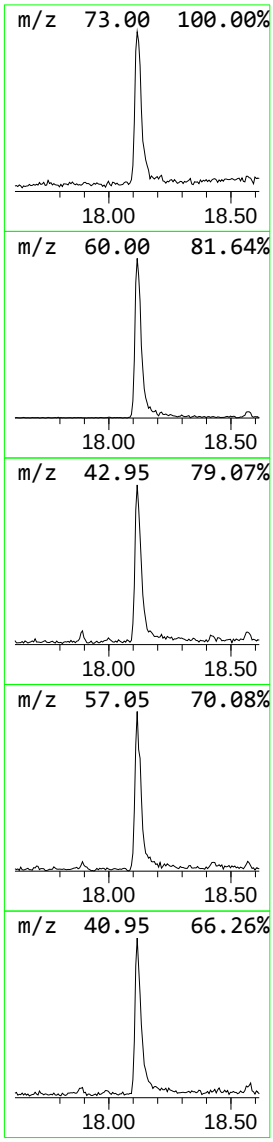
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	3.24 ng/ul	204213	Phenanthrene-d10	17.157

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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Quant Title : SVOA CALIBRATION

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

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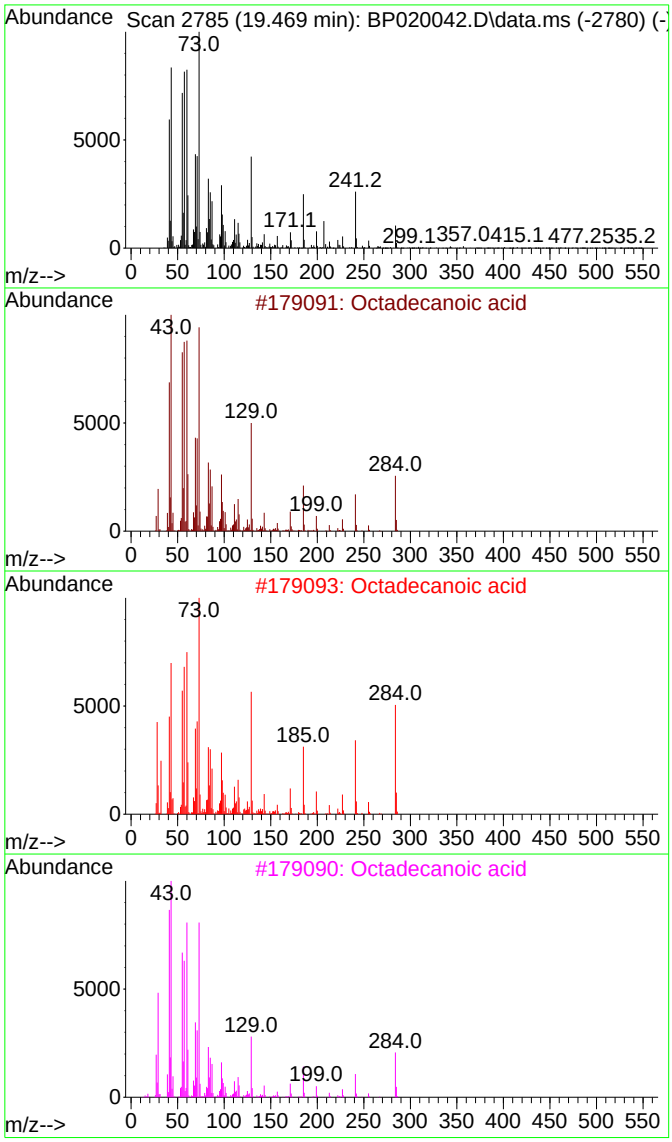
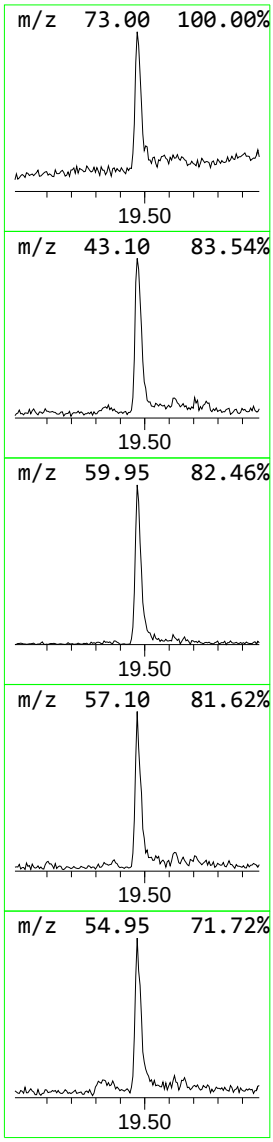
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	2.93 ng/ul	172171	Chrysene-d12	21.663

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.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 ...	18.116	3.2	ng/ul	204213	4	17.157	1260360	20.0
Octadecanoic acid	19.469	2.9	ng/ul	172171	5	21.663	1176750	20.0