LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
Data File : BP021669.D
Acq On : 27 Aug 2024 13:13
Operator : RC/JU
Sample : P3711-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E2497

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-BP082324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021669.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.022	3	6	30	rVB	14812732	19460246	100.00%	15.893%
2	3.281	46	50	58	rVB	88734	117709	0.60%	0.096%
3	3.546	91	95	106	rVB	91642	131311	0.67%	0.107%
4	3.693	116	120	132	rBV	427896	611906	3.14%	0.500%
5	4.022	172	176	182	rVB	31012	46646	0.24%	0.038%
6	4.552	260	266	273	rVB	185165	276946	1.42%	0.226%
7	4.816	305	311	317	rVB2	21394	34999	0.18%	0.029%
8	4.928	326	330	337	rVB	22277	33339	0.17%	0.027%
9	6.069	518	524	531	rVB2	39422	65180	0.33%	0.053%
10	6.958	667	675	683	rBV	453405	743204	3.82%	0.607%
11	7.122	696	703	713	rVB	1322240	2070050	10.64%	1.691%
12	7.328	731	738	746	rBV	1340943	2186879	11.24%	1.786%
13	7.793	810	817	825	rBV	1465764	2274872	11.69%	1.858%
14	8.157	874	879	885	rBV4	13510	23480	0.12%	0.019%
15	8.487	925	935	944	rBV	1278111	2111015	10.85%	1.724%
16	8.557	944	947	961	rVB5	15741	36241	0.19%	0.030%
17	8.940	1002	1012	1027	rBV	1428898	2413317	12.40%	1.971%
18	9.657	1125	1134	1155	rBV	1133824	1877095	9.65%	1.533%
19	10.199	1216	1226	1247	rBV	1658385	3028917	15.56%	2.474%
20	10.581	1282	1291	1301	rBV	1781622	3215651	16.52%	2.626%
21	10.704	1304	1312	1335	rVB	1528357	2697698	13.86%	2.203%
22	11.322	1409	1417	1423	rBV2	46323	116511	0.60%	0.095%
23	12.175	1552	1562	1567	rBV2	30959	59865	0.31%	0.049%
24	12.410	1593	1602	1606	rBV	17239	32059	0.16%	0.026%
25	13.392	1763	1769	1778	rBV	8752	21100	0.11%	0.017%
26	13.845	1837	1846	1858	rBV	3161099	4970272	25.54%	4.059%
27	14.128	1883	1894	1911	rBV	3364785	5626715	28.91%	4.595%
28	14.439	1939	1947	1960	rBV	2775795	4520007	23.23%	3.691%
29	14.639	1975	1981	1998	rBV	376498	738670	3.80%	0.603%
30	14.869	2014	2020	2025	rBV6	23164	44515	0.23%	0.036%
31	15.457	2111	2120	2132	rBV	4894758	7247340	37.24%	5.919%
32	15.569	2132	2139	2155	rVV	1424518	2277844	11.71%	1.860%
33	15.692	2157	2160	2166	rVB4	20752	37458	0.19%	0.031%
34	17.028	2384	2387	2393	rVB4	18045	22219	0.11%	0.018%
35	17.251	2418	2425	2434	rBV	3822650	5651524	29.04%	4.616%
36	17.351	2436	2442	2453	rBV2	5879665	8554265	43.96%	6.986%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Title : SVOA CALIBRATION

37	17.969	2542	2547	2552	rBV4	24495	41288	0.21%	0.034%
38	18.192	2579	2585	2603	rBV	613226	1095080	5.63%	0.894%
39	18.522	2636	2641	2646	rBV7	24959	52514	0.27%	0.043%
40	19.275	2765	2769	2774	rBV	81571	119011	0.61%	0.097%
41	19.345	2777	2781	2787	rBV	85427	134235	0.69%	0.110%
42	19.516	2805	2810	2822	rBV	628218	1034449	5.32%	0.845%
43	19.727	2839	2846	2852	rBV	7530789	10851352	55.76%	8.862%
44	21.704	3176	3182	3191	rBV2	4127708	6660986	34.23%	5.440%
45	24.886	3713	3723	3738	rVB	4014485	11830334	60.79%	9.662%
46	25.127	3754	3764	3781	rVB	2644628	7248711	37.25%	5.920%

Sum of corrected areas: 122445025

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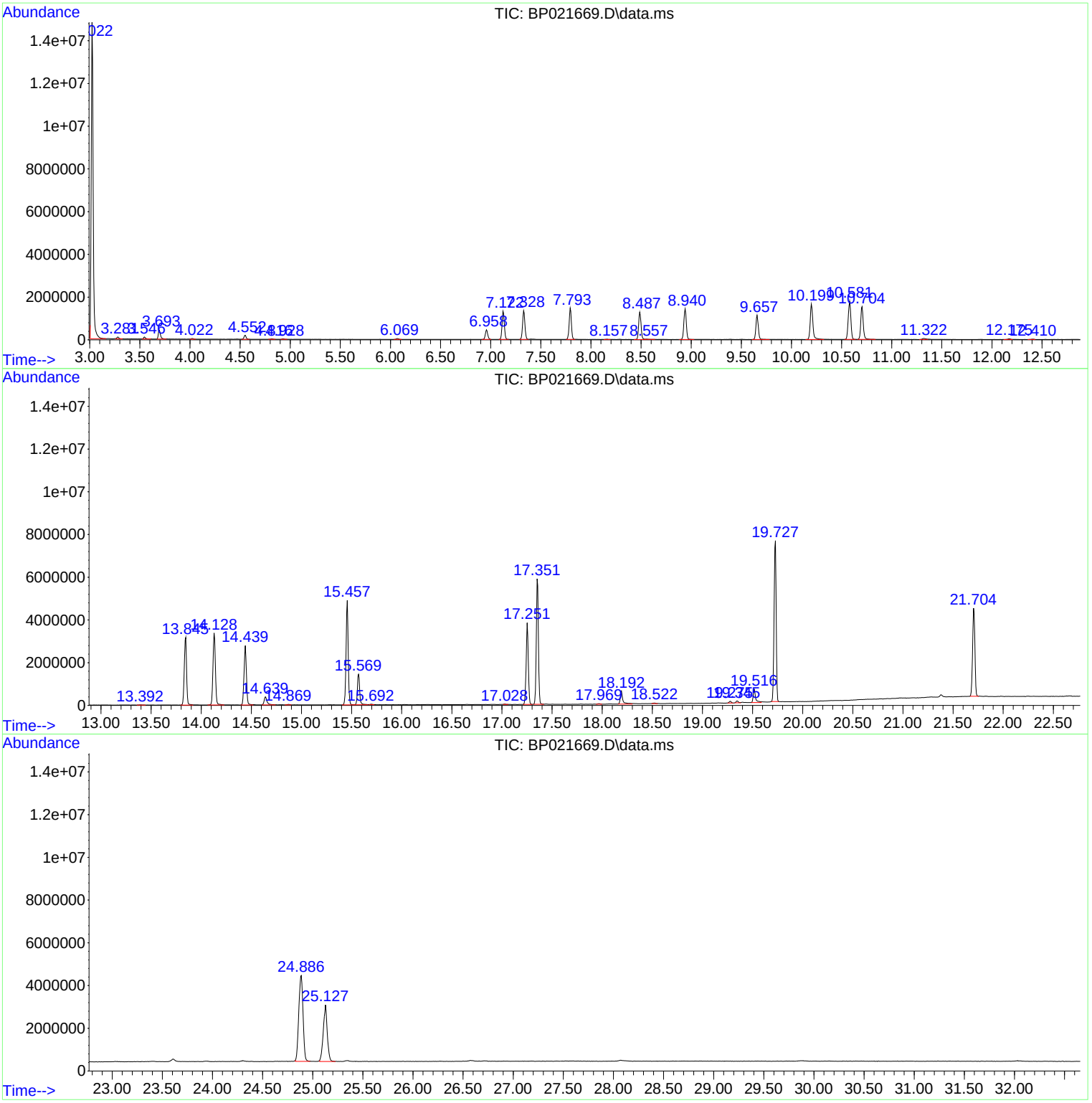
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BP021669.D
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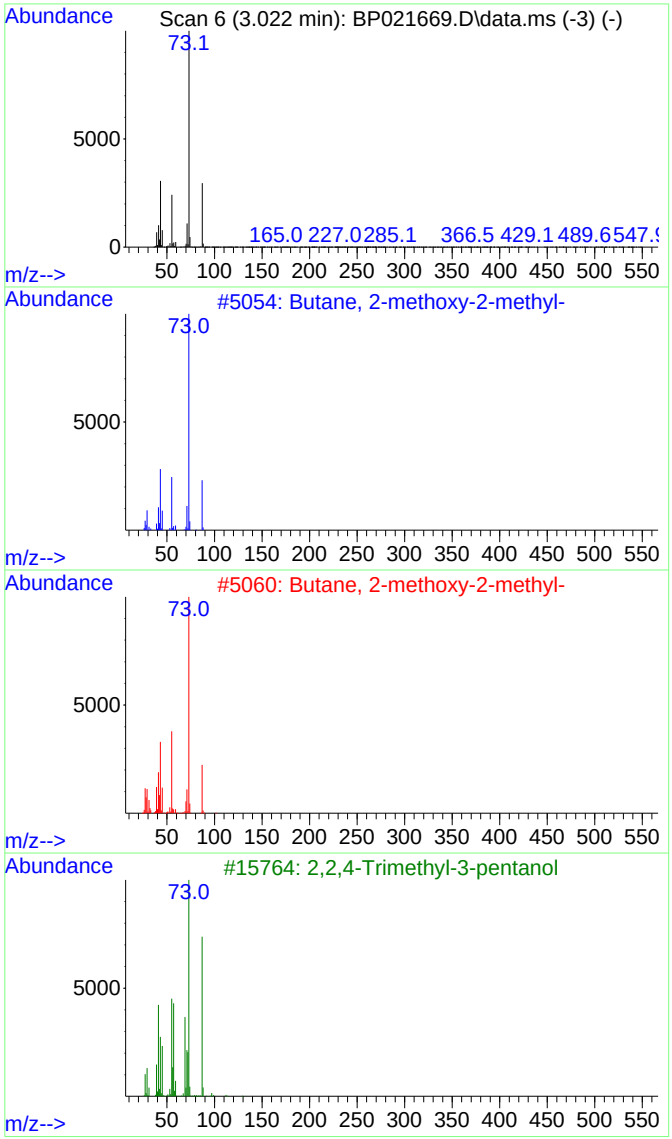
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

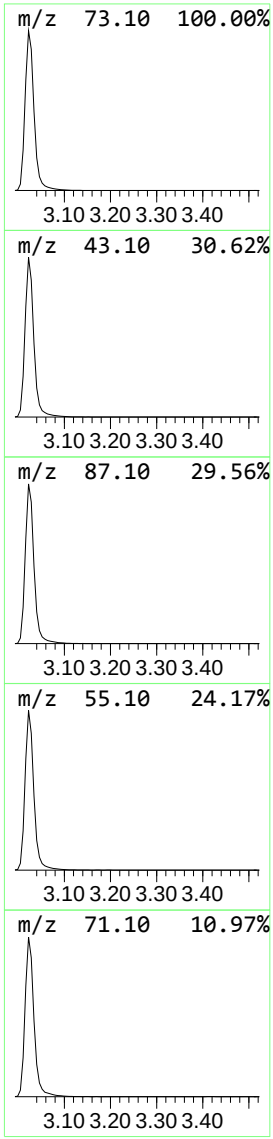
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.022	171.09 ng/ul	19460200	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument :
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ClientSampleId :
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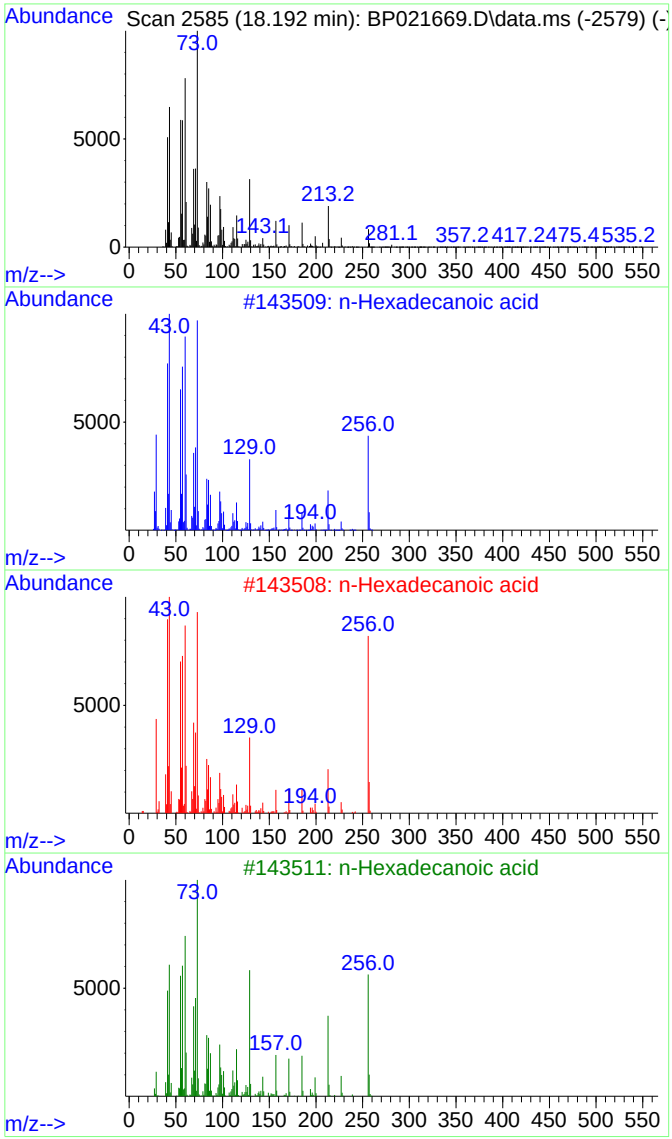
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

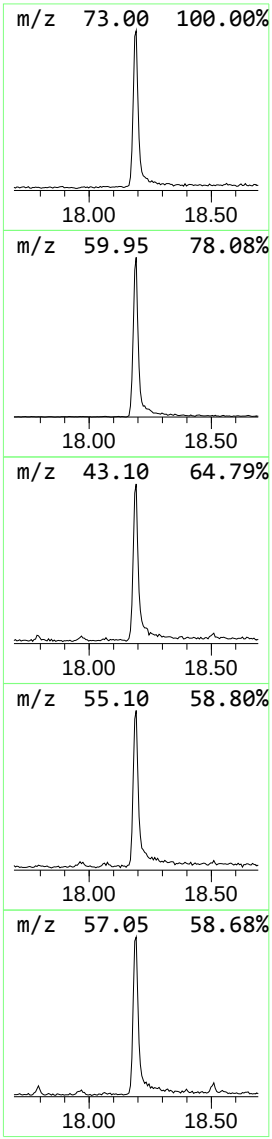
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	3.88 ng/ul	1095080	Phenanthrene-d10	17.251

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Instrument :
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ClientSampleId :
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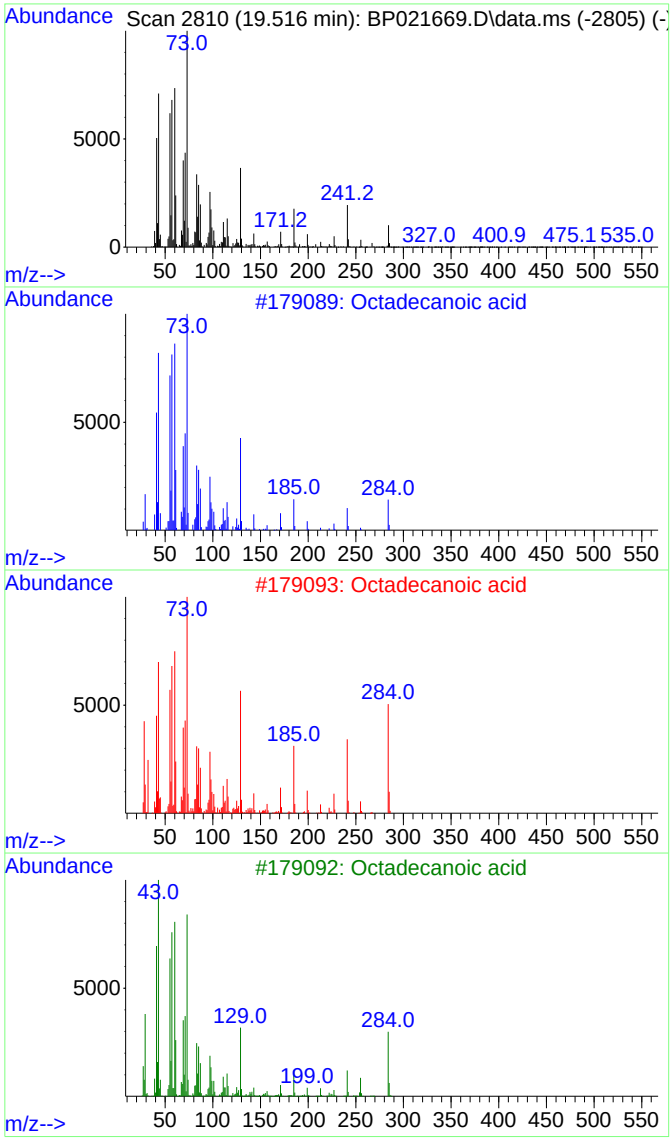
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

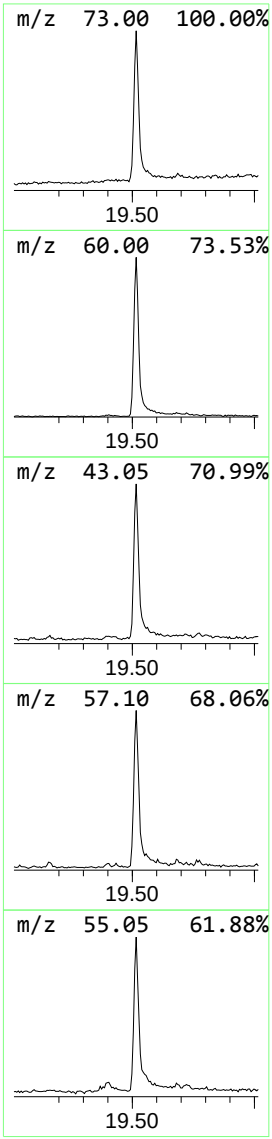
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	3.11 ng/ul	1034450	Chrysene-d12	21.704

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	Octadecanoic acid	284	C18H36O2	000057-11-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.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
Butane, 2-metho...	3.022	171.1	ng/ul	19460200	1	7.793	2274870	20.0
n-Hexadecanoic ...	18.192	3.9	ng/ul	1095080	4	17.251	5651520	20.0
Octadecanoic acid	19.516	3.1	ng/ul	1034450	5	21.704	6660990	20.0