LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022096.D
Acq On : 13 Oct 2022 20:07
Operator : CG/JU
Sample : N4982-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C1BD1

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_N\Methods\SFAM-EPA-BN101222.M
Title : SVOA CALIBRATION

Signal : TIC: BN022096.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	42	45	51	rBV	24189	36361	0.86%	0.098%
2	3.705	120	122	137	rBV	55118	106430	2.51%	0.287%
3	3.934	156	161	166	rVB	14019	22499	0.53%	0.061%
4	4.034	173	178	185	rBV	16343	23752	0.56%	0.064%
5	4.428	241	245	250	rVB6	3227	5619	0.13%	0.015%
6	5.011	337	344	354	rBV	90644	143231	3.38%	0.386%
7	6.352	568	572	578	rBV3	3816	6038	0.14%	0.016%
8	7.116	696	702	712	rVB	135304	237567	5.61%	0.640%
9	7.281	724	730	747	rBV	521924	842655	19.88%	2.269%
10	7.481	757	764	775	rBV	474922	755298	17.82%	2.034%
11	7.957	836	845	852	rBV	465021	749099	17.68%	2.017%
12	8.022	852	856	864	rVB	3904	7701	0.18%	0.021%
13	8.675	961	967	977	rBV	348656	560464	13.23%	1.509%
14	9.134	1038	1045	1053	rBV	586633	992557	23.42%	2.673%
15	9.299	1069	1073	1079	rVB7	2538	4572	0.11%	0.012%
16	9.534	1107	1113	1118	rBV2	8780	15406	0.36%	0.041%
17	9.863	1162	1169	1181	rBV	454523	751064	17.72%	2.022%
18	10.404	1252	1261	1276	rBV	677322	1117783	26.38%	3.010%
19	10.581	1286	1291	1298	rBV7	3488	8373	0.20%	0.023%
20	10.787	1317	1326	1334	rBV	733161	1210365	28.56%	3.259%
21	10.934	1344	1351	1369	rBV	280967	497245	11.73%	1.339%
22	12.210	1564	1568	1572	rVB4	3469	5420	0.13%	0.015%
23	12.322	1580	1587	1593	rBV	30262	49292	1.16%	0.133%
24	12.381	1593	1597	1603	rVB2	10726	17262	0.41%	0.046%
25	13.022	1702	1706	1714	rVB6	2145	4308	0.10%	0.012%
26	13.445	1773	1778	1784	rBV	14638	19833	0.47%	0.053%
27	14.039	1871	1879	1887	rBV	1416311	1964303	46.35%	5.290%
28	14.328	1921	1928	1939	rVV	1525882	2249105	53.07%	6.056%
29	14.516	1956	1960	1965	rVB4	5786	8377	0.20%	0.023%
30	14.634	1973	1980	1990	rVB	1172366	1705217	40.24%	4.592%
31	14.828	2005	2013	2027	rBV	114773	204509	4.83%	0.551%
32	15.039	2044	2049	2059	rVB5	13872	23612	0.56%	0.064%
33	15.422	2107	2114	2116	rBV6	2361	4242	0.10%	0.011%
34	15.469	2118	2122	2126	rVB3	4666	6601	0.16%	0.018%
35	15.622	2142	2148	2162	rVB	2013693	2988696	70.52%	8.048%
36	15.745	2162	2169	2184	rBV	670314	910878	21.49%	2.453%

LSC Area Percent Report

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Operator : CG/JU
Sample : N4982-19
Misc :
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Instrument :
BNA_N
ClientSampleId :
C1BD1

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_N\Methods\SFAM-EPA-BN101222.M
Title : SVOA CALIBRATION

37	15.863	2184	2189	2195	rVB2	9129	14273	0.34%	0.038%
38	16.775	2340	2344	2350	rVB4	2926	5356	0.13%	0.014%
39	16.833	2352	2354	2361	rBV6	1782	4283	0.10%	0.012%
40	17.133	2402	2405	2408	rBV4	3386	4758	0.11%	0.013%
41	17.298	2429	2433	2438	rVB7	3431	5490	0.13%	0.015%
42	17.386	2441	2448	2455	rVV	1466920	2098132	49.51%	5.650%
43	17.480	2458	2464	2477	rBV2	2050276	3051617	72.01%	8.217%
44	18.010	2550	2554	2557	rBV6	3717	6364	0.15%	0.017%
45	18.051	2559	2561	2565	rVB3	6324	7465	0.18%	0.020%
46	18.275	2594	2599	2609	rBV	183309	259285	6.12%	0.698%
47	18.575	2646	2650	2654	rBV6	7032	10118	0.24%	0.027%
48	18.622	2654	2658	2662	rBV3	12110	18834	0.44%	0.051%
49	18.775	2680	2684	2690	rVB4	12016	16625	0.39%	0.045%
50	19.345	2777	2781	2786	rBV3	29680	43995	1.04%	0.118%
51	19.410	2788	2792	2801	rBV2	52675	96347	2.27%	0.259%
52	19.557	2812	2817	2830	rBV	161786	251133	5.93%	0.676%
53	19.704	2839	2842	2848	rVB4	14741	23061	0.54%	0.062%
54	19.786	2849	2856	2862	rBV	2594147	3618701	85.39%	9.744%
55	21.280	3106	3110	3120	rBV2	92184	173499	4.09%	0.467%
56	21.580	3156	3161	3169	rBV	1774142	2375222	56.05%	6.396%
57	23.886	3545	3553	3570	rBV2	1920659	4237877	100.00%	11.412%
58	24.045	3573	3580	3594	rVB	1154539	2557704	60.35%	6.887%

Sum of corrected areas: 37135873

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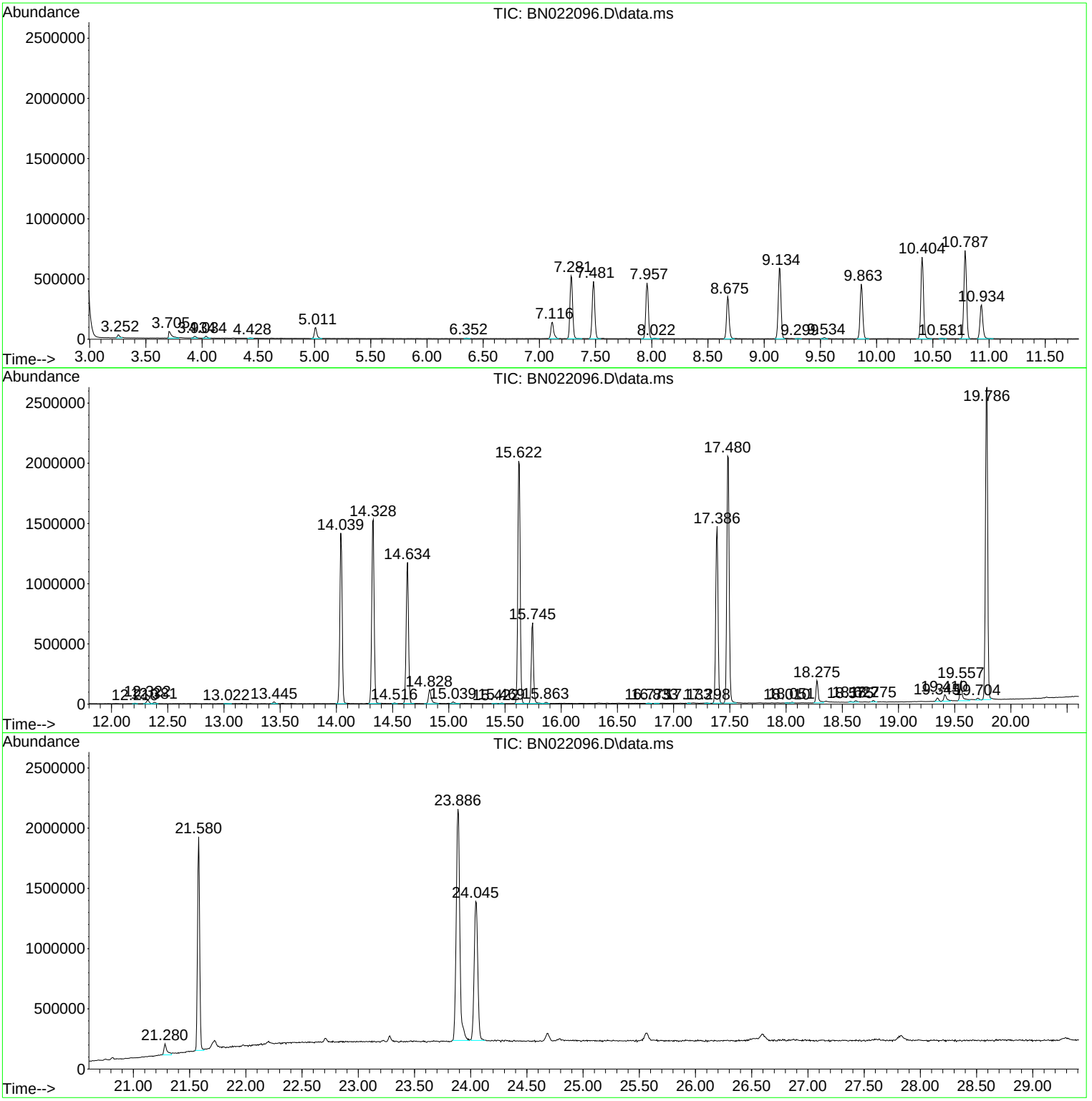
Instrument :
BNA_N
ClientSampleId :
C1BD1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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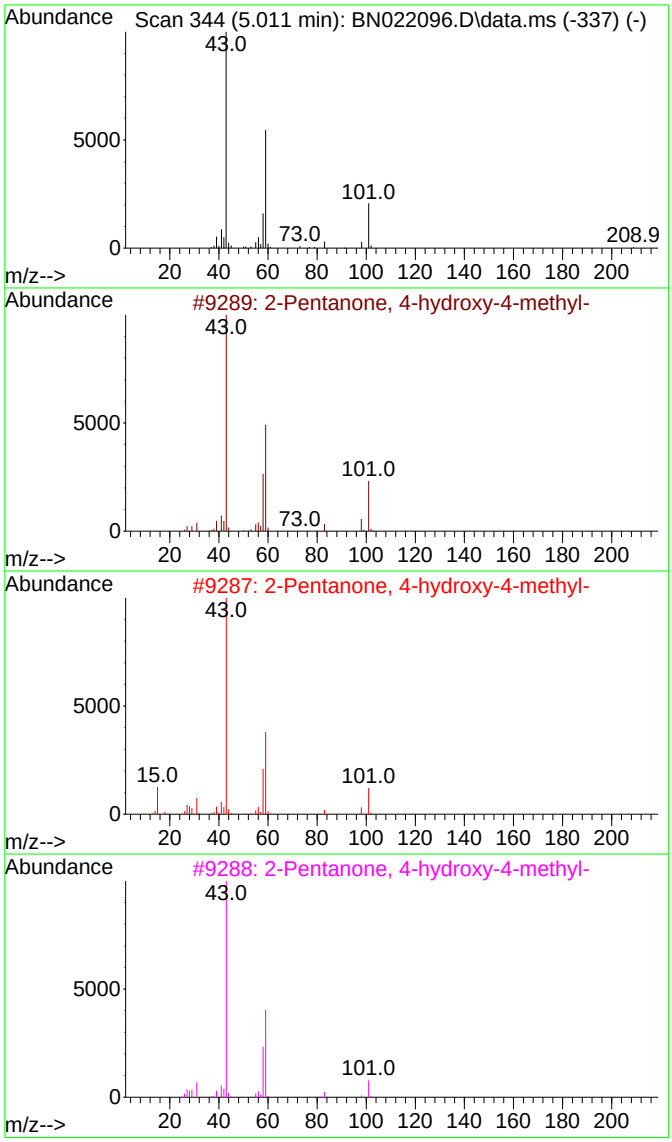
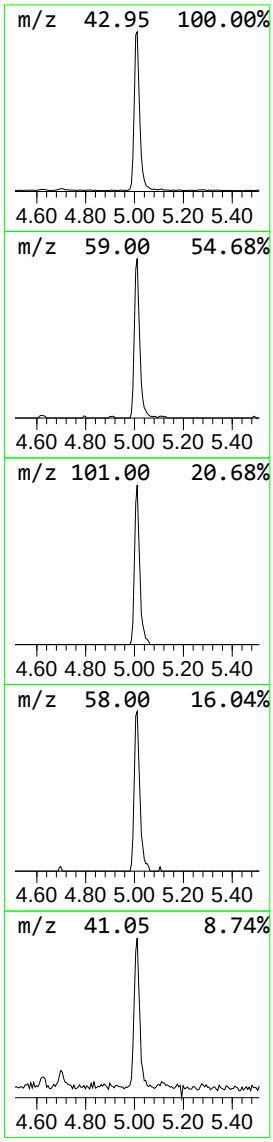
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.011	3.82 ng/ul	143231	1,4-Dichlorobenzene-d4	7.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33





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Sample : N4982-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C1BD1

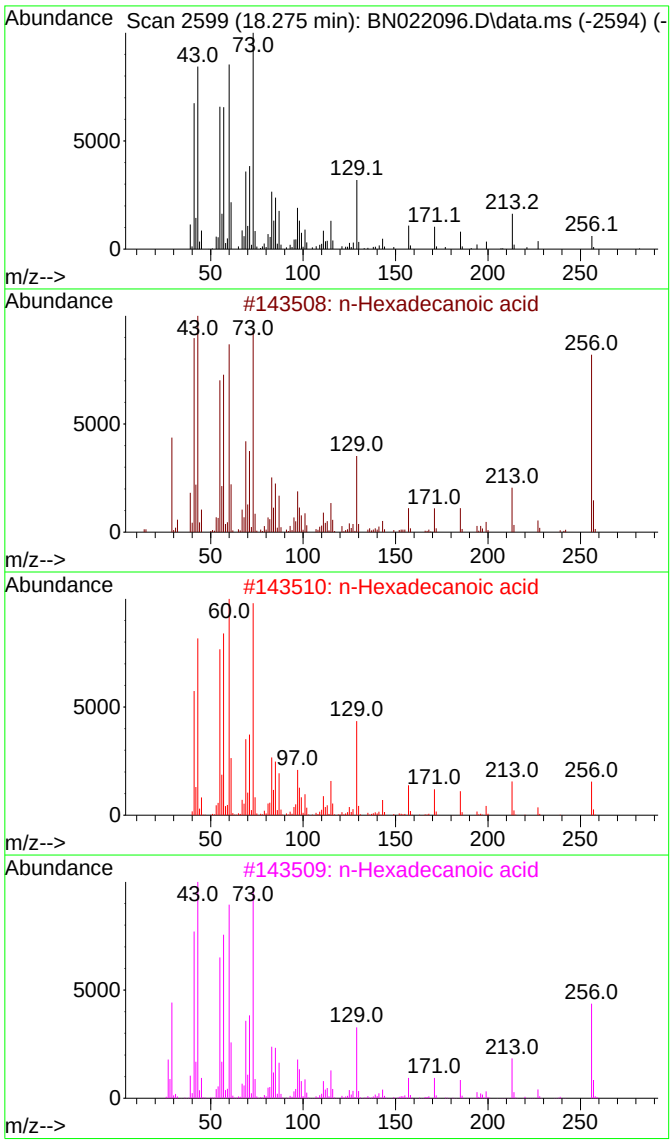
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

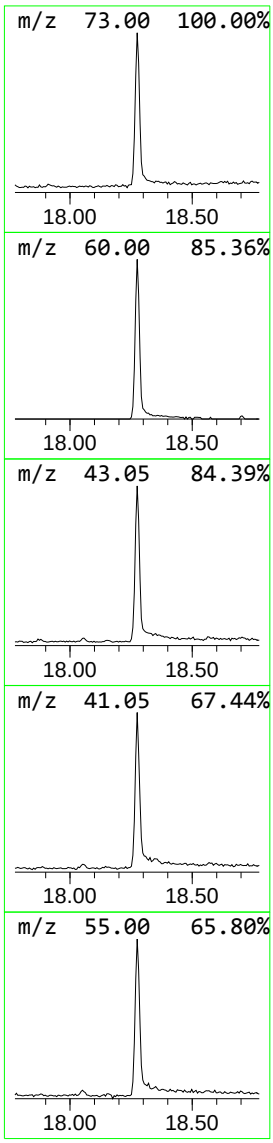
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	2.47 ng/ul	259285	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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86





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Operator : CG/JU
Sample : N4982-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C1BD1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

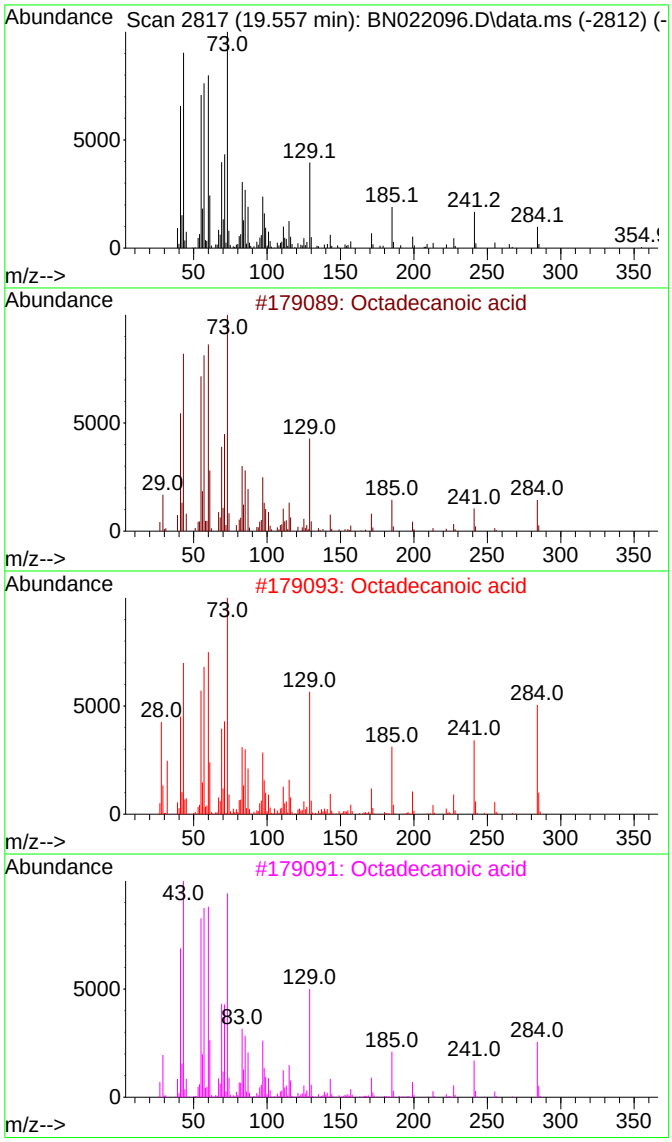
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

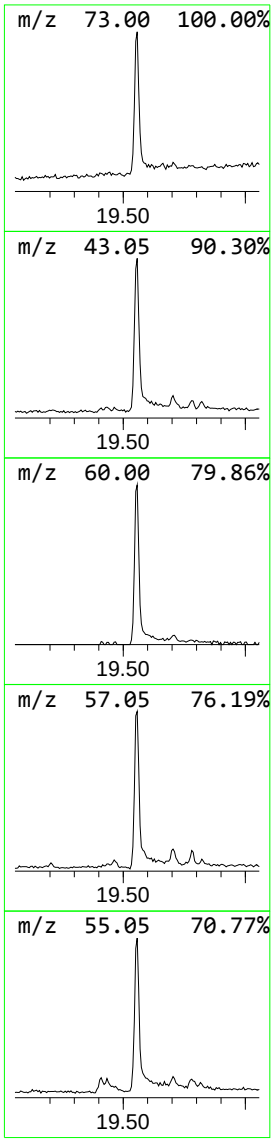
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.557	2.11 ng/ul	251133	Chrysene-d12	21.580

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
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_N\Methods\SFAM-EPA-BN101222.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
2-Pentanone, 4-...	5.011	3.8	ng/ul	143231	1	7.957	749099	20.0
n-Hexadecanoic ...	18.275	2.5	ng/ul	259285	4	17.386	2098130	20.0
Octadecanoic acid	19.557	2.1	ng/ul	251133	5	21.580	2375220	20.0