LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029780.D
Acq On : 14 Feb 2024 21:28
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0FP3

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-BN020724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN029780.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.317	36	39	48	rVB	61239	87649	2.03%	0.166%
2	3.611	87	89	91	rBV2	10205	10549	0.24%	0.020%
3	3.734	106	110	126	rBV	342183	588027	13.65%	1.115%
4	4.052	160	164	169	rVB	19579	28946	0.67%	0.055%
5	5.246	364	367	370	rVV4	3540	4503	0.10%	0.009%
6	5.511	408	412	413	rBV4	3885	4535	0.11%	0.009%
7	6.505	575	581	583	rBV5	3041	5929	0.14%	0.011%
8	6.863	638	642	649	rBV9	4351	7765	0.18%	0.015%
9	7.034	664	671	682	rBV	949088	1537431	35.68%	2.914%
10	7.210	695	701	712	rBV	752758	1193299	27.70%	2.262%
11	7.399	725	733	742	rBV	946856	1507610	34.99%	2.858%
12	7.493	746	749	759	rVB3	14636	31017	0.72%	0.059%
13	7.869	806	813	820	rBV	788772	1252920	29.08%	2.375%
14	7.934	820	824	828	rVB3	13753	20659	0.48%	0.039%
15	8.581	927	934	946	rBV	1103025	1789265	41.53%	3.392%
16	9.034	1003	1011	1020	rBV	874099	1433287	33.26%	2.717%
17	9.204	1036	1040	1044	rVB6	7121	11099	0.26%	0.021%
18	9.434	1073	1079	1082	rVB3	9695	15975	0.37%	0.030%
19	9.752	1125	1133	1146	rBV	693209	1160169	26.93%	2.199%
20	10.287	1215	1224	1236	rBV	1058295	1767373	41.02%	3.350%
21	10.663	1281	1288	1296	rBV	1006557	1717886	39.87%	3.256%
22	10.810	1303	1313	1326	rBV	918476	1645246	38.18%	3.119%
23	11.463	1422	1424	1430	rVB7	3686	5823	0.14%	0.011%
24	12.104	1528	1533	1537	rVB6	4281	7323	0.17%	0.014%
25	12.181	1543	1546	1549	rBV5	3558	4708	0.11%	0.009%
26	12.257	1552	1559	1565	rVB2	20411	39162	0.91%	0.074%
27	12.469	1590	1595	1599	rBV6	3225	5075	0.12%	0.010%
28	12.910	1667	1670	1675	rVB7	2581	4566	0.11%	0.009%
29	13.122	1703	1706	1711	rVB6	3537	5357	0.12%	0.010%
30	13.340	1739	1743	1748	rBV4	9490	13402	0.31%	0.025%
31	13.416	1750	1756	1764	rVV2	70825	111155	2.58%	0.211%
32	13.481	1764	1767	1772	rVB4	3576	4706	0.11%	0.009%
33	13.745	1808	1812	1817	rVB5	6552	10846	0.25%	0.021%
34	13.934	1837	1844	1859	rVV	1755833	2424581	56.27%	4.596%
35	14.045	1859	1863	1867	rVB7	3442	5246	0.12%	0.010%
36	14.204	1880	1890	1905	rBV	1951153	2958776	68.67%	5.608%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029780.D
Acq On : 14 Feb 2024 21:28
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FP3

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-BN020724.MA.M
Title : SVOA CALIBRATION

37	14.416	1923	1926	1934	rVB8	5748	8789	0.20%	0.017%
38	14.510	1934	1942	1952	rBV	1389831	2017333	46.82%	3.824%
39	14.604	1955	1958	1960	rBV4	3877	5520	0.13%	0.010%
40	14.722	1969	1978	1990	rBV	721826	1158821	26.89%	2.197%
41	14.869	2000	2003	2007	rVV6	2908	4367	0.10%	0.008%
42	14.939	2010	2015	2020	rVB8	7588	15032	0.35%	0.028%
43	15.369	2086	2088	2094	rVB7	4814	5978	0.14%	0.011%
44	15.510	2105	2112	2123	rBV	2381593	3522611	81.76%	6.677%
45	15.628	2126	2132	2147	rVV	664021	959220	22.26%	1.818%
46	15.745	2147	2152	2156	rVB4	10271	15658	0.36%	0.030%
47	16.069	2204	2207	2211	rBV6	5073	7057	0.16%	0.013%
48	16.198	2223	2229	2230	rBV6	3274	5386	0.13%	0.010%
49	16.234	2232	2235	2238	rVV4	4637	6602	0.15%	0.013%
50	16.292	2241	2245	2249	rVB6	9101	12363	0.29%	0.023%
51	16.463	2270	2274	2279	rVB7	3976	7587	0.18%	0.014%
52	16.528	2281	2285	2287	rBV4	3986	4624	0.11%	0.009%
53	16.675	2306	2310	2319	rVV6	13691	19282	0.45%	0.037%
54	17.039	2367	2372	2373	rBV5	5520	7417	0.17%	0.014%
55	17.081	2376	2379	2383	rVB4	3833	4793	0.11%	0.009%
56	17.263	2403	2410	2420	rBV	1637293	2263147	52.53%	4.290%
57	17.363	2420	2427	2437	rBV2	2469529	3505974	81.37%	6.646%
58	17.445	2439	2441	2442	rBV2	5359	5455	0.13%	0.010%
59	17.663	2473	2478	2482	rBV7	6232	9799	0.23%	0.019%
60	17.781	2493	2498	2501	rBV5	4771	6742	0.16%	0.013%
61	17.922	2518	2522	2523	rBV4	3683	5195	0.12%	0.010%
62	17.951	2523	2527	2532	rVB4	13951	20589	0.48%	0.039%
63	18.039	2540	2542	2548	rVB5	8480	13361	0.31%	0.025%
64	18.180	2559	2566	2575	rBV	525358	787561	18.28%	1.493%
65	18.475	2613	2616	2617	rBV3	6280	7381	0.17%	0.014%
66	18.498	2617	2620	2626	rVB5	13507	20058	0.47%	0.038%
67	18.610	2634	2639	2643	rBV7	13657	20132	0.47%	0.038%
68	18.651	2643	2646	2651	rBV6	12454	17434	0.40%	0.033%
69	18.845	2676	2679	2685	rBV7	12113	18162	0.42%	0.034%
70	18.980	2700	2702	2705	rVB3	4968	4315	0.10%	0.008%
71	19.069	2713	2717	2722	rBV6	17467	27887	0.65%	0.053%
72	19.227	2739	2744	2748	rBV2	32950	45890	1.07%	0.087%
73	19.298	2752	2756	2760	rBV2	37182	65255	1.51%	0.124%
74	19.339	2760	2763	2772	rVB6	24107	40026	0.93%	0.076%
75	19.463	2779	2784	2796	rBV	196233	297050	6.89%	0.563%
76	19.604	2805	2808	2812	rBV4	15778	21952	0.51%	0.042%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029780.D
Acq On : 14 Feb 2024 21:28
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FP3

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-BN020724.MA.M
Title : SVOA CALIBRATION

77	19.663	2812	2818	2826	rVV	3068399	4211611	97.75%	7.983%
78	19.922	2859	2862	2866	rVB6	9863	14213	0.33%	0.027%
79	20.198	2905	2909	2911	rBV5	16964	21133	0.49%	0.040%
80	20.227	2912	2914	2918	rVB2	19628	23484	0.55%	0.045%
81	20.610	2976	2979	2982	rVB5	21396	24083	0.56%	0.046%
82	20.727	2997	2999	3003	rVB4	28441	30154	0.70%	0.057%
83	21.192	3073	3078	3087	rBV	585863	795424	18.46%	1.508%
84	21.463	3118	3124	3139	rBV	1929929	2578862	59.85%	4.888%
85	21.645	3151	3155	3158	rBV	66520	85614	1.99%	0.162%
86	22.110	3230	3234	3245	rVB4	76412	166432	3.86%	0.315%
87	22.598	3313	3317	3322	rVB2	104252	150171	3.49%	0.285%
88	23.157	3408	3412	3417	rVB	119390	167575	3.89%	0.318%
89	23.680	3493	3501	3512	rBV2	2158439	4308701	100.00%	8.167%
90	23.786	3514	3519	3520	rVV2	136626	219758	5.10%	0.417%
91	23.827	3520	3526	3537	rVB	1310784	2714725	63.01%	5.146%
92	24.504	3637	3641	3647	rVB2	138808	259455	6.02%	0.492%
93	24.592	3650	3656	3666	rVV5	147780	360061	8.36%	0.682%
94	25.345	3780	3784	3791	rVB4	99634	211643	4.91%	0.401%

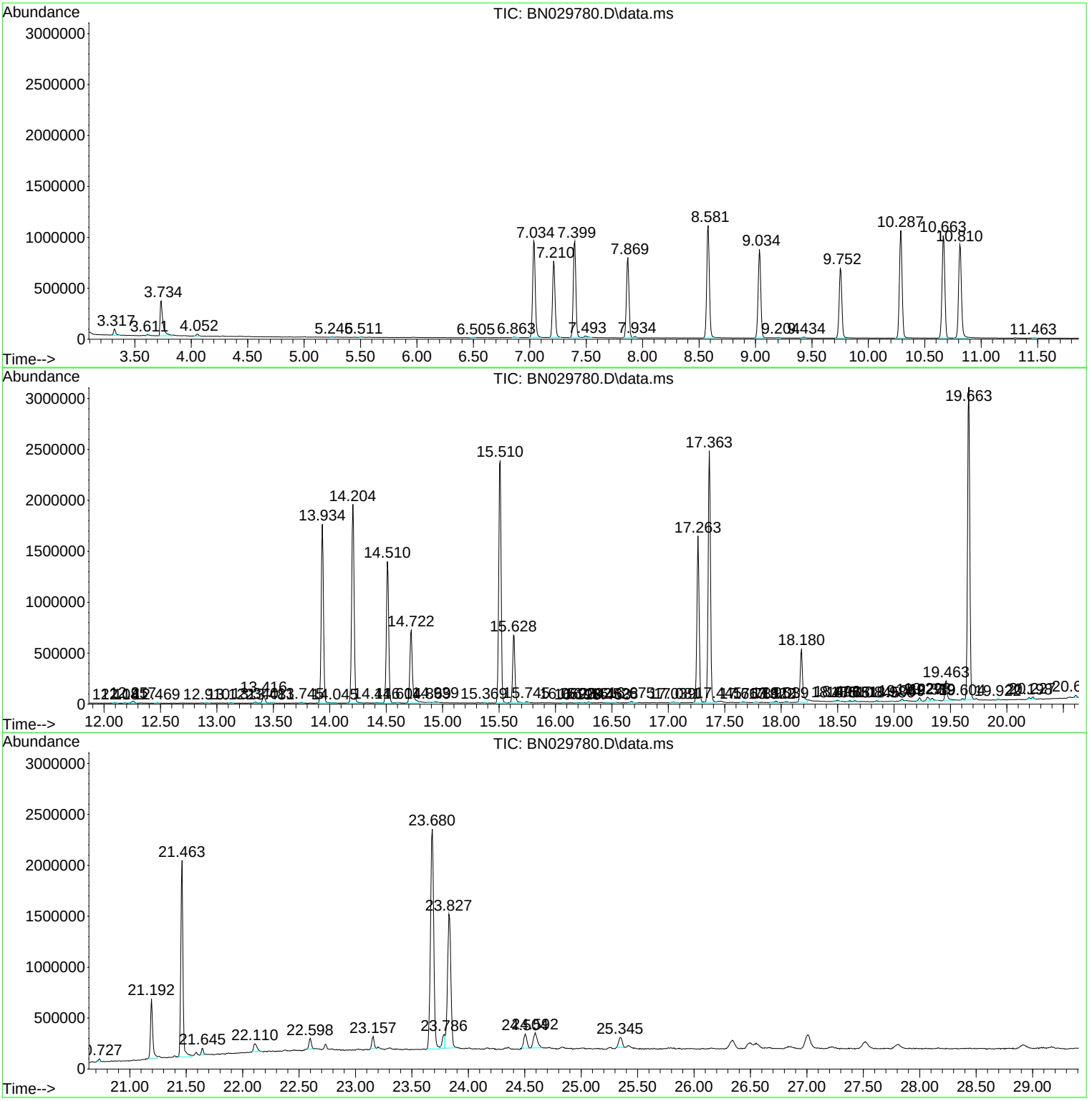
Sum of corrected areas: 52756769

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029780.D
Acq On : 14 Feb 2024 21:28
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FP3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029780.D
Acq On : 14 Feb 2024 21:28
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FP3

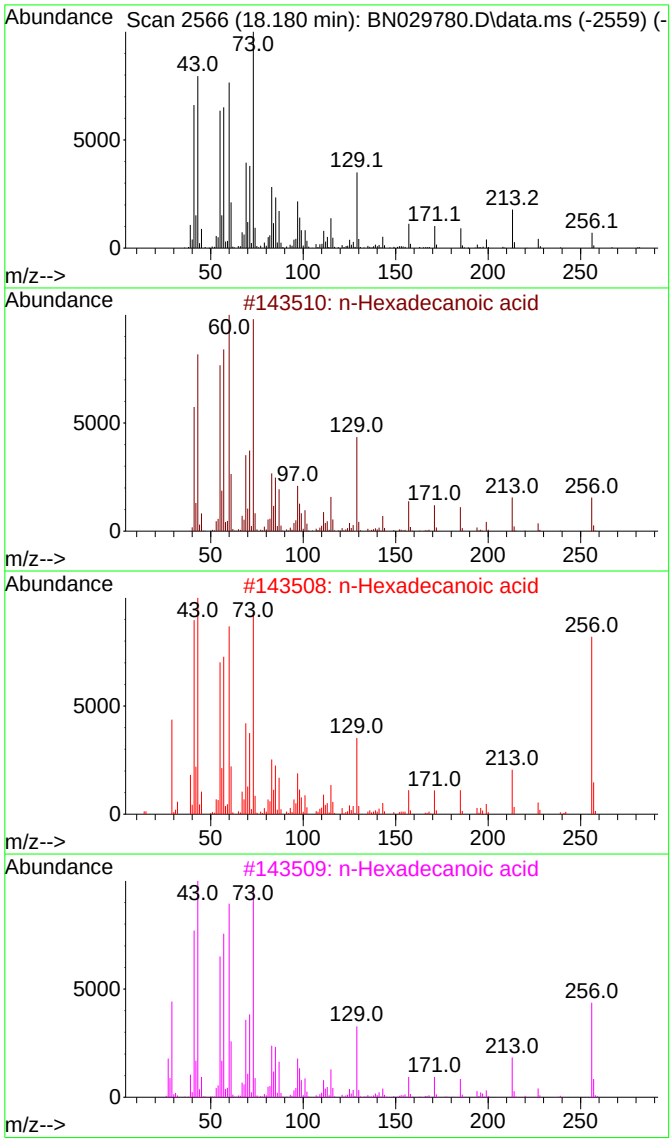
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

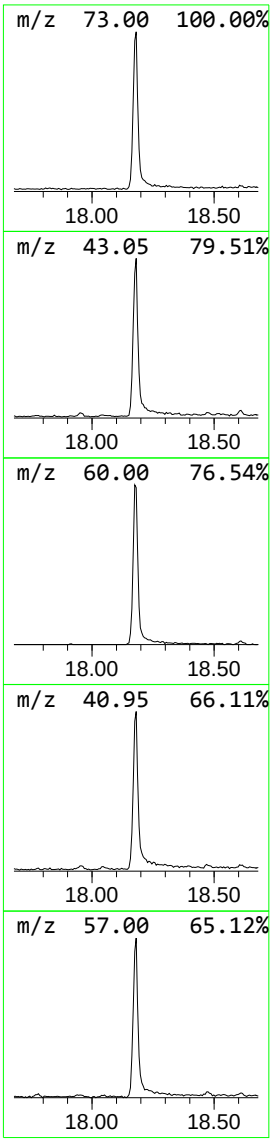
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	6.96 ng/ul	787561	Phenanthrene-d10	17.263

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029780.D
Acq On : 14 Feb 2024 21:28
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FP3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

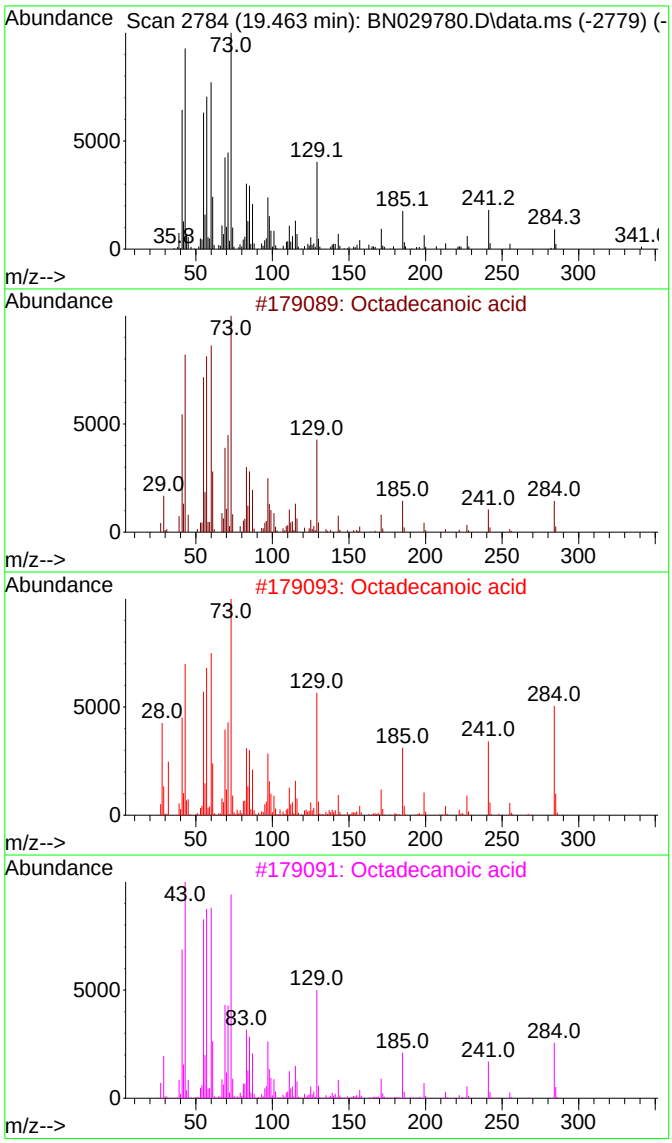
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

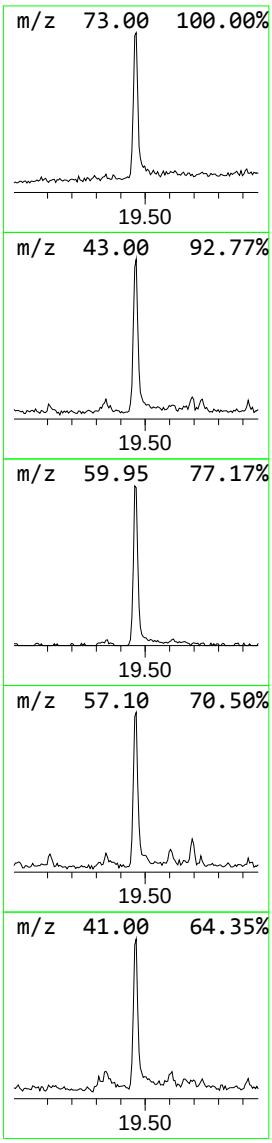
****

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.463	2.30 ng/ul	297050	Chrysene-d12	21.463

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, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029780.D
Acq On : 14 Feb 2024 21:28
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FP3

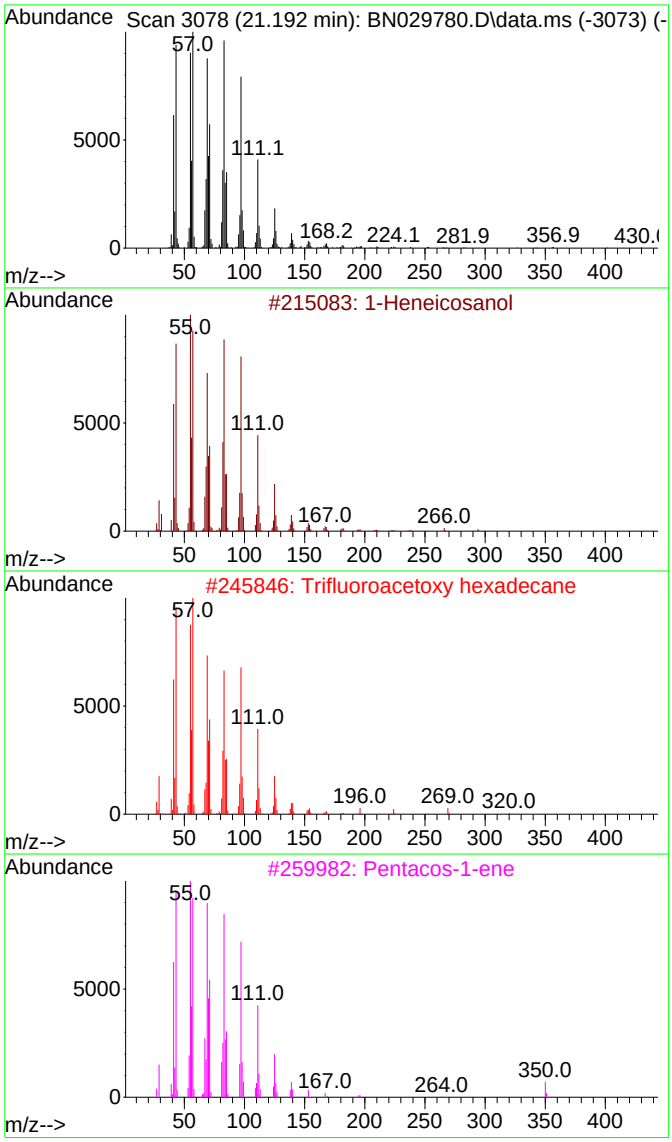
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

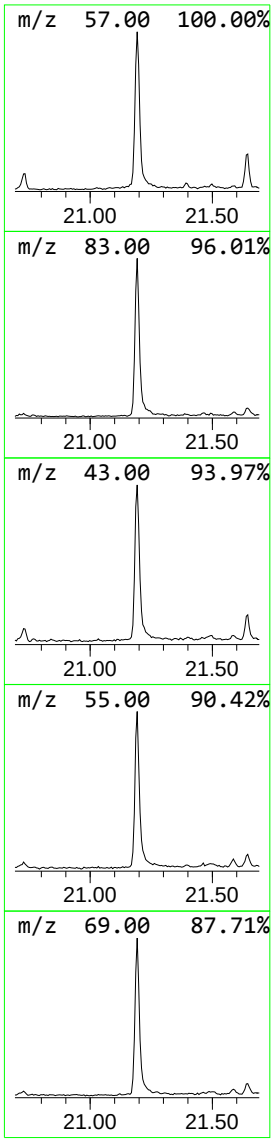
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	6.17 ng/ul	795424	Chrysene-d12	21.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	1-Tetracosene	336	C24H48	010192-32-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029780.D
Acq On : 14 Feb 2024 21:28
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FP3

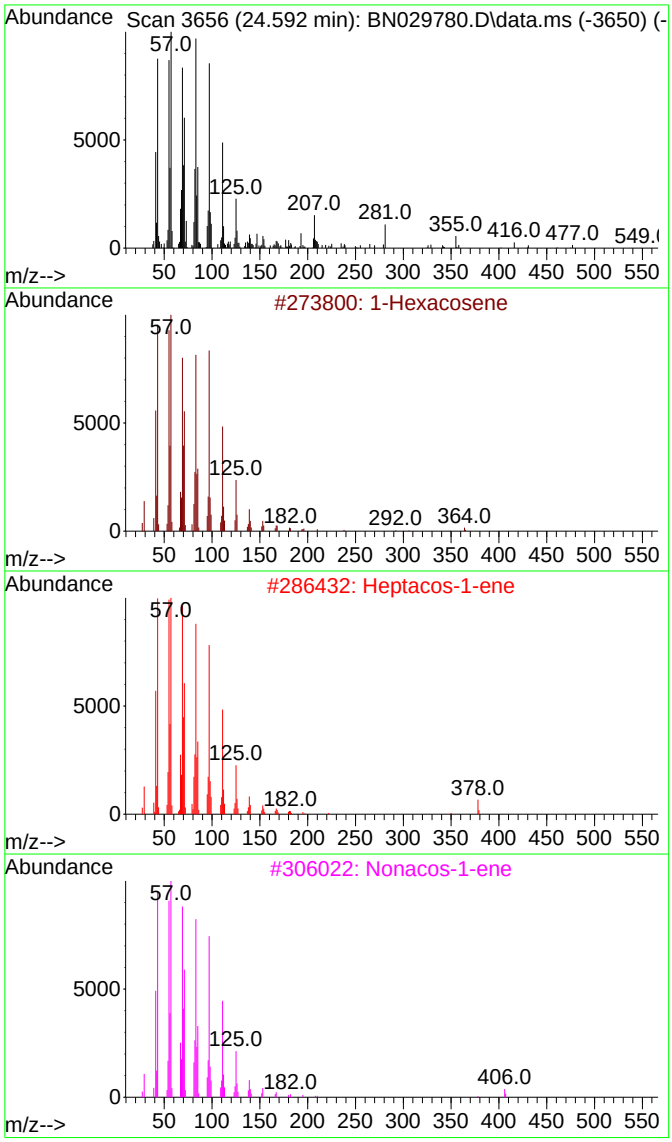
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

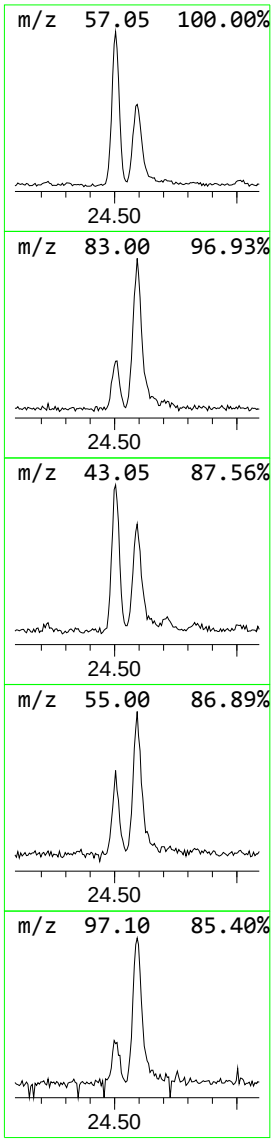
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.592	2.65 ng/ul	360061	Perylene-d12	23.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	Heptacos-1-ene	378	C27H54	015306-27-1	94
3	Nonacos-1-ene	406	C29H58	018835-35-3	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029780.D
Acq On : 14 Feb 2024 21:28
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FP3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.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 ...	18.180	7.0	ng/ul	787561	4	17.263	2263150	20.0
Octadecanoic acid	19.463	2.3	ng/ul	297050	5	21.463	2578860	20.0
1-Heneicosanol	21.192	6.2	ng/ul	795424	5	21.463	2578860	20.0
(DEL) Alkane: S...	24.592	2.6	ng/ul	360061	6	23.827	2714730	20.0