LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031242.D
Acq On : 26 Apr 2024 12:30
Operator : MA/JU
Sample : P2249-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0814

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-BN041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031242.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	22	26	37	rVB	63925	86375	1.38%	0.114%
2	3.411	68	72	83	rBV	51235	73572	1.18%	0.097%
3	3.546	91	95	115	rBV	612991	906081	14.52%	1.197%
4	3.858	144	148	154	rVB2	16126	23655	0.38%	0.031%
5	4.181	199	203	207	rBV	20857	28648	0.46%	0.038%
6	4.222	208	210	215	rVB5	9270	8786	0.14%	0.012%
7	4.775	299	304	311	rBV	21868	35028	0.56%	0.046%
8	5.728	459	466	472	rBV2	11108	21668	0.35%	0.029%
9	6.628	612	619	625	rBV3	8905	18502	0.30%	0.024%
10	6.799	641	648	666	rBV	1147281	1891753	30.31%	2.499%
11	6.969	670	677	689	rVB	952356	1482420	23.75%	1.958%
12	7.158	702	709	718	rBV	1221472	1893036	30.33%	2.501%
13	7.240	720	723	732	rVB9	6900	13906	0.22%	0.018%
14	7.622	781	788	796	rBV	1102383	1697838	27.20%	2.243%
15	7.699	796	801	810	rVB4	16038	33289	0.53%	0.044%
16	8.334	900	909	925	rBV	1500221	2445592	39.18%	3.231%
17	8.440	925	927	935	rVB7	4210	7914	0.13%	0.010%
18	8.781	977	985	994	rBV	1182336	1897278	30.40%	2.506%
19	8.940	1008	1012	1017	rVB6	8000	12318	0.20%	0.016%
20	9.169	1044	1051	1057	rBV2	38555	60780	0.97%	0.080%
21	9.346	1076	1081	1089	rBV2	57272	91046	1.46%	0.120%
22	9.493	1098	1106	1117	rBV	987571	1619740	25.95%	2.140%
23	9.722	1140	1145	1152	rBV6	6389	10103	0.16%	0.013%
24	9.922	1175	1179	1186	rVB5	8055	14816	0.24%	0.020%
25	10.028	1189	1197	1209	rBV	1549789	2508505	40.19%	3.314%
26	10.193	1218	1225	1240	rVV	92634	189129	3.03%	0.250%
27	10.404	1252	1261	1270	rBV	1549894	2615034	41.90%	3.455%
28	10.546	1277	1285	1298	rBV	1372546	2353101	37.70%	3.109%
29	10.951	1348	1354	1360	rBV6	12077	19423	0.31%	0.026%
30	11.151	1380	1388	1393	rBV	49383	99946	1.60%	0.132%
31	11.193	1393	1395	1405	rVB8	16752	31594	0.51%	0.042%
32	11.346	1417	1421	1426	rBV7	5193	8350	0.13%	0.011%
33	11.828	1498	1503	1506	rBV5	8946	13263	0.21%	0.018%
34	11.993	1526	1531	1540	rBV2	27203	46158	0.74%	0.061%
35	12.728	1651	1656	1657	rBV5	4248	6339	0.10%	0.008%
36	12.798	1662	1668	1674	rVB9	4287	7963	0.13%	0.011%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031242.D
Acq On : 26 Apr 2024 12:30
Operator : MA/JU
Sample : P2249-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0814

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-BN041924.MA.M
Title : SVOA CALIBRATION

37	13.087	1708	1717	1723	rBV	21165	31971	0.51%	0.042%
38	13.163	1725	1730	1736	rBV2	24064	40357	0.65%	0.053%
39	13.240	1738	1743	1745	rBV4	5397	8207	0.13%	0.011%
40	13.687	1811	1819	1829	rBV	2729426	3859848	61.84%	5.099%
41	13.963	1853	1866	1874	rBV2	3218674	4728809	75.77%	6.247%
42	14.175	1897	1902	1905	rVB4	10034	14169	0.23%	0.019%
43	14.269	1910	1918	1930	rBV	2339392	3491724	55.95%	4.613%
44	14.487	1948	1955	1974	rBV	1254167	2103097	33.70%	2.778%
45	14.698	1986	1991	2000	rVB6	16424	33031	0.53%	0.044%
46	14.787	2003	2006	2012	rVB6	5236	6938	0.11%	0.009%
47	15.075	2051	2055	2059	rBV3	7189	10973	0.18%	0.014%
48	15.128	2059	2064	2068	rVB4	10102	16580	0.27%	0.022%
49	15.269	2081	2088	2102	rBV	3928935	5652100	90.56%	7.467%
50	15.392	2102	2109	2124	rBV	1208626	1703888	27.30%	2.251%
51	15.510	2124	2129	2139	rVB4	22868	44565	0.71%	0.059%
52	15.839	2181	2185	2191	rBV6	4961	7878	0.13%	0.010%
53	15.992	2206	2211	2213	rBV5	10712	15370	0.25%	0.020%
54	16.051	2218	2221	2227	rVB4	13512	19148	0.31%	0.025%
55	16.210	2245	2248	2251	rBV4	4341	7349	0.12%	0.010%
56	16.434	2281	2286	2292	rVB5	16656	24028	0.38%	0.032%
57	16.698	2324	2331	2335	rBV8	6944	10878	0.17%	0.014%
58	16.945	2369	2373	2378	rVB8	4637	7028	0.11%	0.009%
59	17.022	2379	2386	2396	rBV	2857779	3924550	62.88%	5.185%
60	17.122	2396	2403	2413	rVV2	4082052	5902065	94.56%	7.797%
61	17.222	2413	2420	2424	rVV6	24413	41144	0.66%	0.054%
62	17.428	2448	2455	2465	rBV4	36097	86972	1.39%	0.115%
63	17.698	2497	2501	2507	rVB7	13941	19247	0.31%	0.025%
64	17.792	2513	2517	2523	rBV7	13490	24747	0.40%	0.033%
65	17.922	2534	2539	2565	rBV	526893	933836	14.96%	1.234%
66	18.351	2608	2612	2617	rBV	86450	107343	1.72%	0.142%
67	18.804	2687	2689	2693	rBV4	6676	10020	0.16%	0.013%
68	18.986	2716	2720	2726	rBV2	54975	71722	1.15%	0.095%
69	19.063	2728	2733	2735	rBV2	117442	174516	2.80%	0.231%
70	19.092	2735	2738	2754	rVV	357634	774749	12.41%	1.023%
71	19.216	2754	2759	2771	rVB	333148	525229	8.42%	0.694%
72	19.363	2781	2784	2788	rVB4	30841	39894	0.64%	0.053%
73	19.427	2788	2795	2801	rBV	4465308	6241339	100.00%	8.245%
74	19.980	2886	2889	2892	rVB2	32292	36646	0.59%	0.048%
75	20.304	2941	2944	2949	rBV2	84510	124867	2.00%	0.165%
76	20.474	2970	2973	2976	rBV3	49201	58875	0.94%	0.078%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031242.D
Acq On : 26 Apr 2024 12:30
Operator : MA/JU
Sample : P2249-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0814

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-BN041924.MA.M
Title : SVOA CALIBRATION

77	20.963	3051	3056	3066	rBV2	255513	548898	8.79%	0.725%
78	21.257	3101	3106	3116	rVB	2352620	3291737	52.74%	4.349%
79	23.957	3556	3565	3578	rVB3	2169747	5303191	84.97%	7.006%
80	24.157	3590	3599	3608	rVB	1409661	3344152	53.58%	4.418%

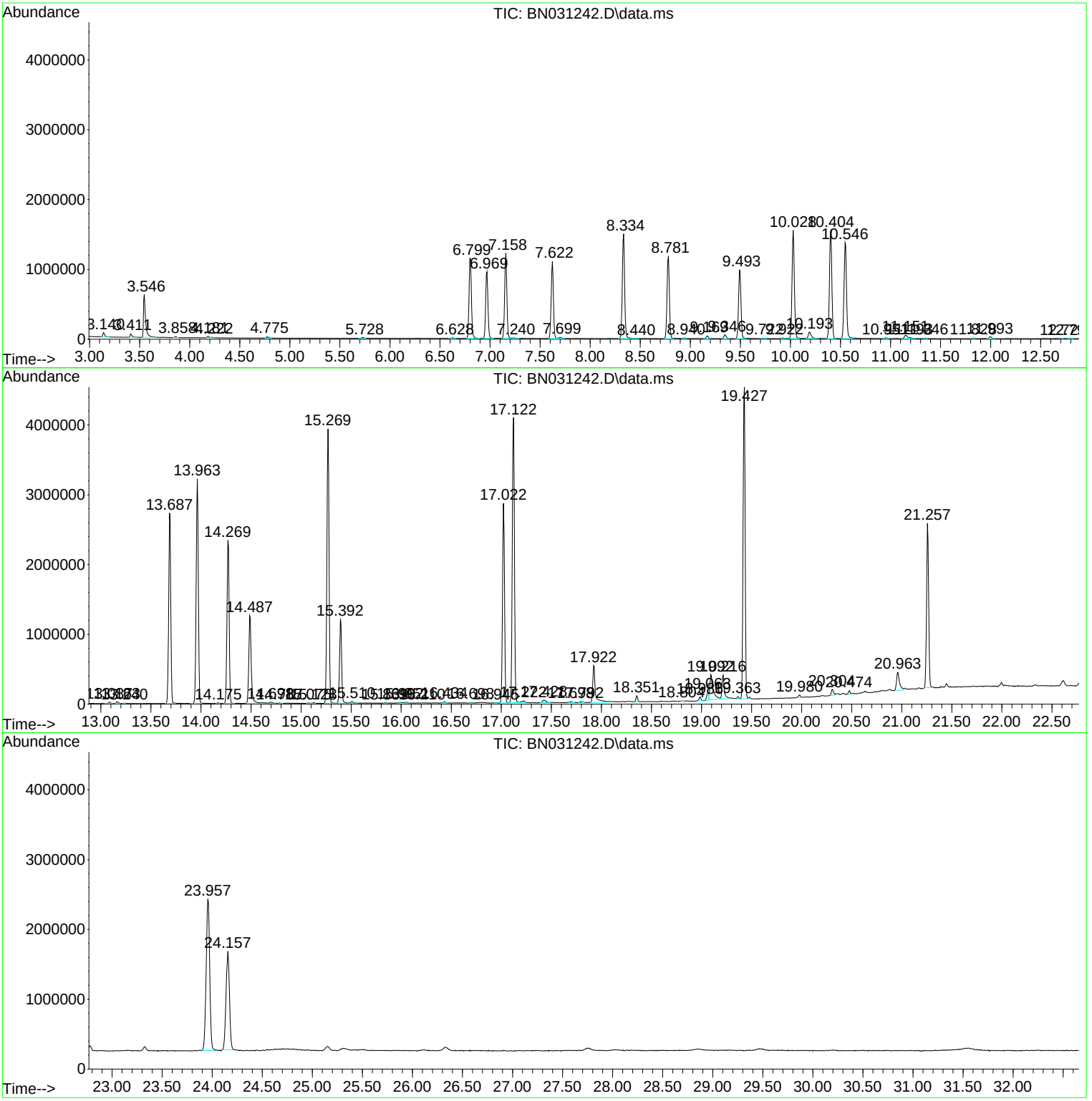
Sum of corrected areas: 75696624

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031242.D
Acq On : 26 Apr 2024 12:30
Operator : MA/JU
Sample : P2249-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0814

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.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\BN042624\
Data File : BN031242.D
Acq On : 26 Apr 2024 12:30
Operator : MA/JU
Sample : P2249-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0814

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

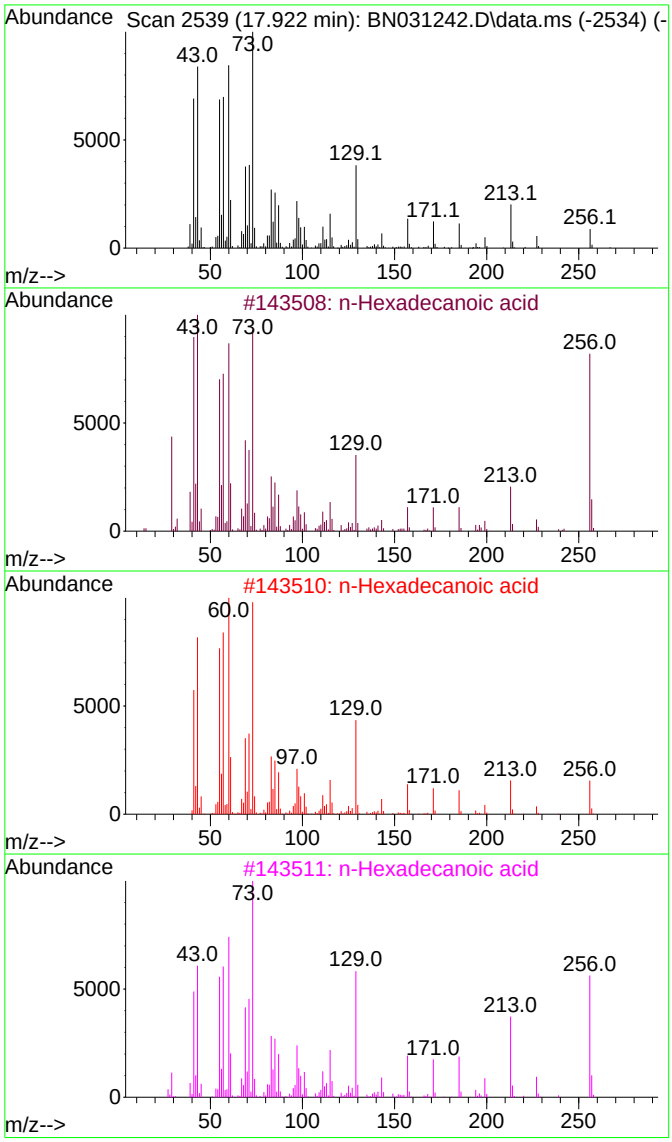
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

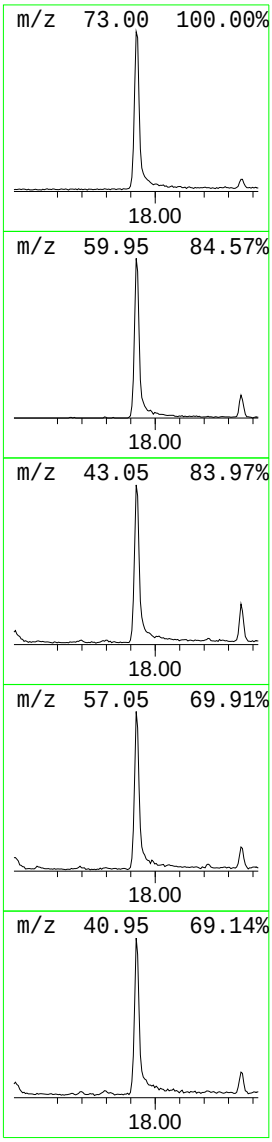
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.922	4.76 ng/ul	933836	Phenanthrene-d10	17.022

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	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031242.D
Acq On : 26 Apr 2024 12:30
Operator : MA/JU
Sample : P2249-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0814

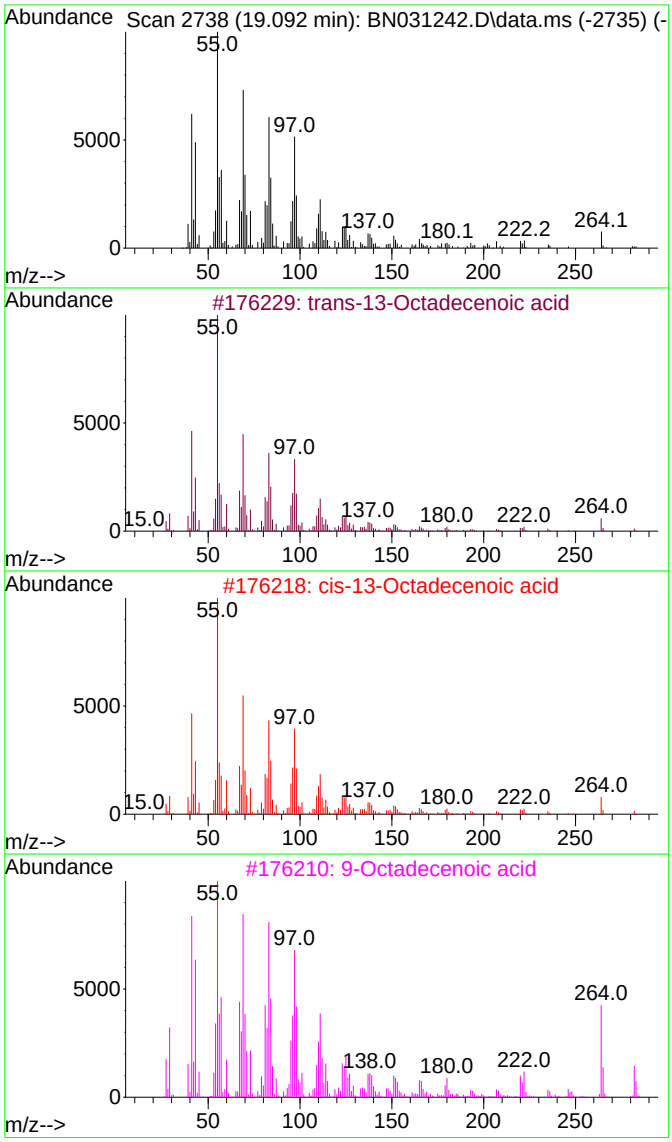
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

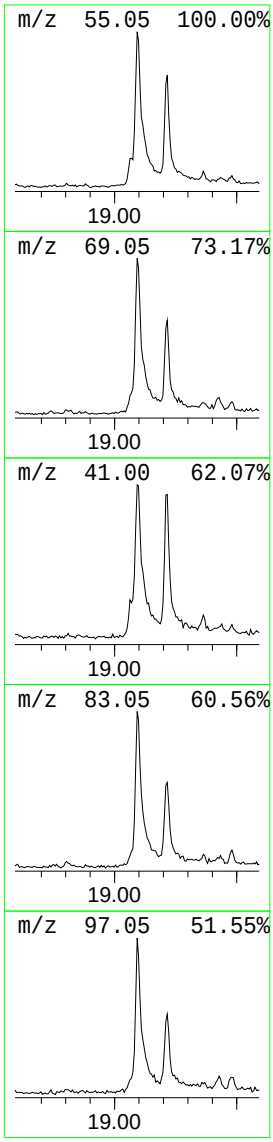
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 trans-13-Octadecenoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	3.95 ng/ul	774749	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	96
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	95
3	9-Octadecenoic acid	282	C18H34O2	002027-47-6	92
4	Oleic Acid	282	C18H34O2	000112-80-1	91
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031242.D
Acq On : 26 Apr 2024 12:30
Operator : MA/JU
Sample : P2249-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0814

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

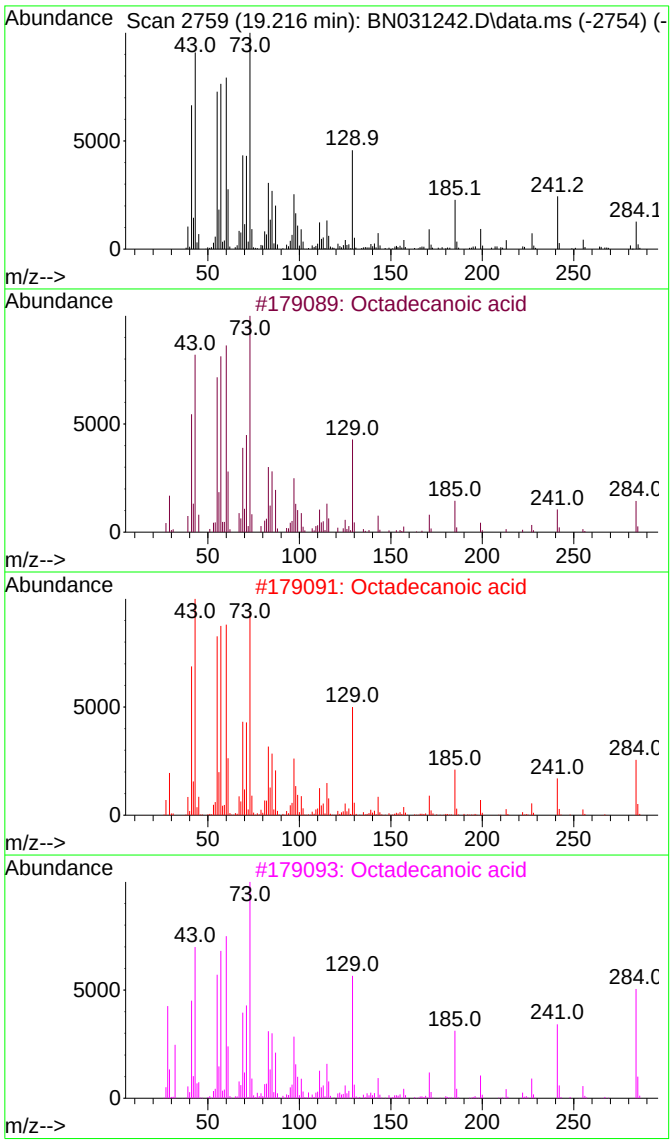
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

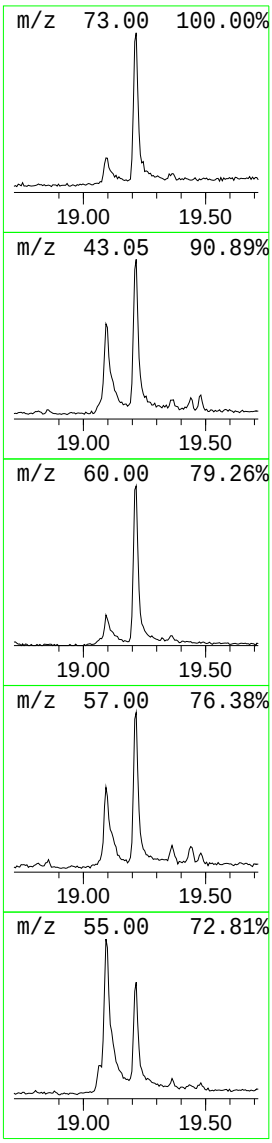
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.216	3.19 ng/ul	525229	Chrysene-d12	21.257

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, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031242.D
Acq On : 26 Apr 2024 12:30
Operator : MA/JU
Sample : P2249-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0814

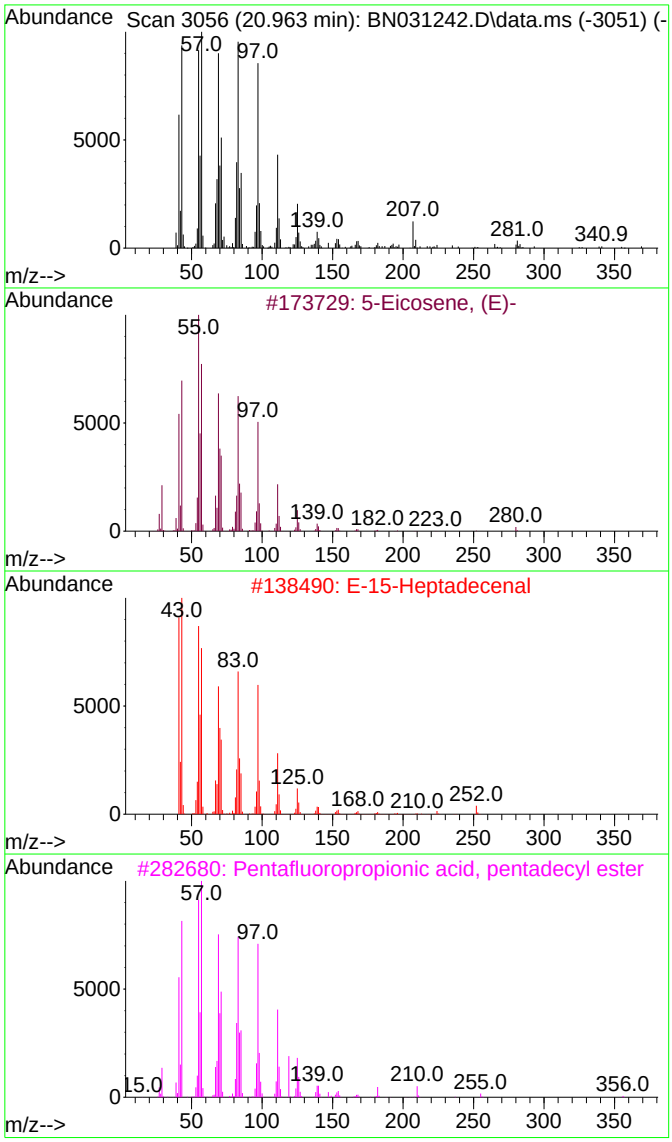
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

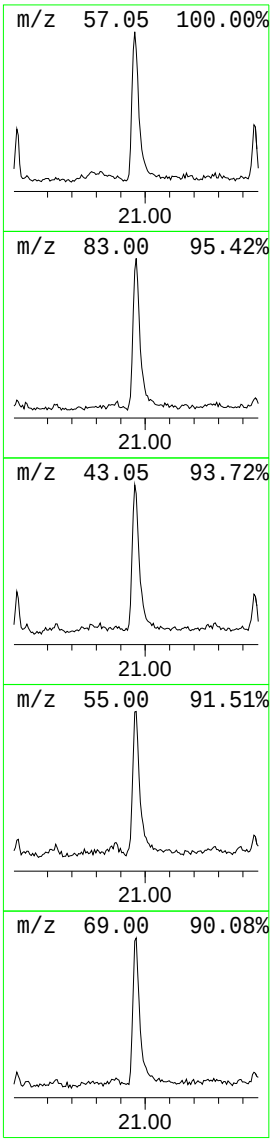
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.963	3.34 ng/ul	548898	Chrysene-d12	21.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031242.D
Acq On : 26 Apr 2024 12:30
Operator : MA/JU
Sample : P2249-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0814

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.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 ...	17.922	4.8	ng/ul	933836	4	17.022	3924550	20.0
trans-13-Octade...	19.092	4.0	ng/ul	774749	4	17.022	3924550	20.0
Octadecanoic acid	19.216	3.2	ng/ul	525229	5	21.257	3291740	20.0
(DEL) Alkane: S...	20.963	3.3	ng/ul	548898	5	21.257	3291740	20.0