LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016640.D
Acq On : 18 Aug 2023 13:32
Operator : MA/JU
Sample : 03968-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48N8

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-BP081423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016640.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.393	14	18	27	rVB	72030	107310	1.59%	0.139%
2	3.828	88	92	109	rBV	582660	932419	13.85%	1.212%
3	3.940	109	111	116	rVB3	11250	13618	0.20%	0.018%
4	4.034	122	127	134	rVB	67170	105511	1.57%	0.137%
5	4.152	142	147	154	rBV	18400	30977	0.46%	0.040%
6	4.534	208	212	220	rVB7	14312	26309	0.39%	0.034%
7	4.734	242	246	251	rVB2	37337	48827	0.73%	0.063%
8	4.934	277	280	284	rBV6	5810	7866	0.12%	0.010%
9	5.087	300	306	311	rBV	50682	74839	1.11%	0.097%
10	5.199	323	325	331	rVB6	8654	11222	0.17%	0.015%
11	5.675	401	406	412	rBV3	7524	15364	0.23%	0.020%
12	6.987	625	629	636	rBV7	8035	14577	0.22%	0.019%
13	7.187	655	663	677	rBV	1017732	1657610	24.63%	2.154%
14	7.387	690	697	707	rVB	823493	1263438	18.77%	1.642%
15	7.569	721	728	736	rBV	966979	1510329	22.44%	1.963%
16	7.640	736	740	751	rVB	85620	159677	2.37%	0.208%
17	7.852	772	776	782	rVB5	5493	8893	0.13%	0.012%
18	8.052	803	810	820	rVB	1055159	1655701	24.60%	2.152%
19	8.381	863	866	872	rVB8	5089	8938	0.13%	0.012%
20	8.575	894	899	902	rBV7	3529	7117	0.11%	0.009%
21	8.752	920	929	943	rBV	1225782	1980024	29.42%	2.573%
22	8.899	948	954	960	rVB	111228	181001	2.69%	0.235%
23	9.246	1006	1013	1023	rBV	958142	1549160	23.02%	2.013%
24	9.475	1049	1052	1057	rVB4	6845	11228	0.17%	0.015%
25	9.851	1112	1116	1118	rBV5	4265	7257	0.11%	0.009%
26	9.963	1128	1135	1145	rBV	760923	1225602	18.21%	1.593%
27	10.075	1149	1154	1161	rBV3	22540	47205	0.70%	0.061%
28	10.322	1192	1196	1203	rVB6	9935	17115	0.25%	0.022%
29	10.487	1214	1224	1244	rBV	1142617	1938828	28.81%	2.520%
30	10.881	1283	1291	1300	rBV	1534267	2570791	38.20%	3.341%
31	11.034	1310	1317	1330	rBV	757553	1367279	20.32%	1.777%
32	11.422	1378	1383	1388	rBV9	10366	18145	0.27%	0.024%
33	11.622	1413	1417	1420	rBV6	7236	9560	0.14%	0.012%
34	11.687	1427	1428	1433	rVB5	6764	8592	0.13%	0.011%
35	12.269	1522	1527	1533	rVB4	8712	18593	0.28%	0.024%
36	12.457	1551	1559	1567	rBV2	23142	42792	0.64%	0.056%

LSC Area Percent Report

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Acq On : 18 Aug 2023 13:32
Operator : MA/JU
Sample : 03968-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A48N8

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-BP081423.MA.M
Title : SVOA CALIBRATION

37	12.681	1593	1597	1602	rBV8	3822	7169	0.11%	0.009%
38	13.463	1725	1730	1734	rBV8	9748	13317	0.20%	0.017%
39	13.551	1739	1745	1750	rVV	100171	155989	2.32%	0.203%
40	13.639	1754	1760	1762	rBV7	6452	9584	0.14%	0.012%
41	13.887	1796	1802	1805	rBV2	17940	23702	0.35%	0.031%
42	14.022	1821	1825	1829	rBV7	7040	9547	0.14%	0.012%
43	14.110	1834	1840	1855	rVV	2349654	3178233	47.22%	4.131%
44	14.316	1871	1875	1880	rVB8	5855	9390	0.14%	0.012%
45	14.404	1880	1890	1903	rBV	2478537	3706773	55.08%	4.818%
46	14.534	1909	1912	1915	rBV5	6951	8158	0.12%	0.011%
47	14.704	1933	1941	1951	rBV	2377883	3602634	53.53%	4.682%
48	14.898	1967	1974	1996	rBV	1090836	1842917	27.38%	2.395%
49	15.081	2000	2005	2009	rVV4	43861	76227	1.13%	0.099%
50	15.128	2009	2013	2019	rVB3	106468	155912	2.32%	0.203%
51	15.698	2100	2110	2124	rBV	3320331	4787370	71.13%	6.222%
52	15.816	2124	2130	2138	rBV	888479	1228328	18.25%	1.596%
53	15.933	2147	2150	2157	rVB5	17748	24560	0.36%	0.032%
54	16.351	2217	2221	2225	rBV7	6465	11858	0.18%	0.015%
55	16.698	2275	2280	2283	rBV7	8621	13932	0.21%	0.018%
56	16.822	2298	2301	2306	rVB5	10707	16619	0.25%	0.022%
57	17.157	2356	2358	2361	rBV4	6221	6922	0.10%	0.009%
58	17.198	2362	2365	2369	rVB5	8478	11333	0.17%	0.015%
59	17.322	2383	2386	2393	rBV9	13708	29576	0.44%	0.038%
60	17.469	2405	2411	2417	rBV	3190567	4433639	65.88%	5.762%
61	17.510	2417	2418	2422	rVV	48734	43697	0.65%	0.057%
62	17.569	2422	2428	2438	rVV2	3698196	5193328	77.16%	6.750%
63	18.092	2513	2517	2521	rVB2	33168	42670	0.63%	0.055%
64	18.204	2531	2536	2538	rBV6	23655	39561	0.59%	0.051%
65	18.257	2542	2545	2549	rBV5	20299	30124	0.45%	0.039%
66	18.310	2549	2554	2566	rBV	1237421	2061985	30.64%	2.680%
67	19.374	2732	2735	2738	rBV4	53432	65087	0.97%	0.085%
68	19.439	2743	2746	2748	rVV3	76429	104745	1.56%	0.136%
69	19.474	2748	2752	2756	rVB	133244	189458	2.82%	0.246%
70	19.545	2760	2764	2776	rBV	659089	1054207	15.66%	1.370%
71	19.804	2802	2808	2818	rBV	5056056	6730205	100.00%	8.747%
72	21.227	3045	3050	3060	rBV	975363	1607137	23.88%	2.089%
73	21.568	3103	3108	3113	rVB	3631973	4662897	69.28%	6.060%
74	22.151	3204	3207	3210	rBV	244566	278336	4.14%	0.362%
75	23.280	3394	3399	3404	rVB	703323	1138540	16.92%	1.480%
76	23.980	3511	3518	3532	rVB2	3077578	6712967	99.74%	8.725%

LSC Area Percent Report

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Sample : 03968-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A48N8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	24.157	3541	3548	3562	rVB	2286498	4971068	73.86%	6.461%

Sum of corrected areas: 76943415

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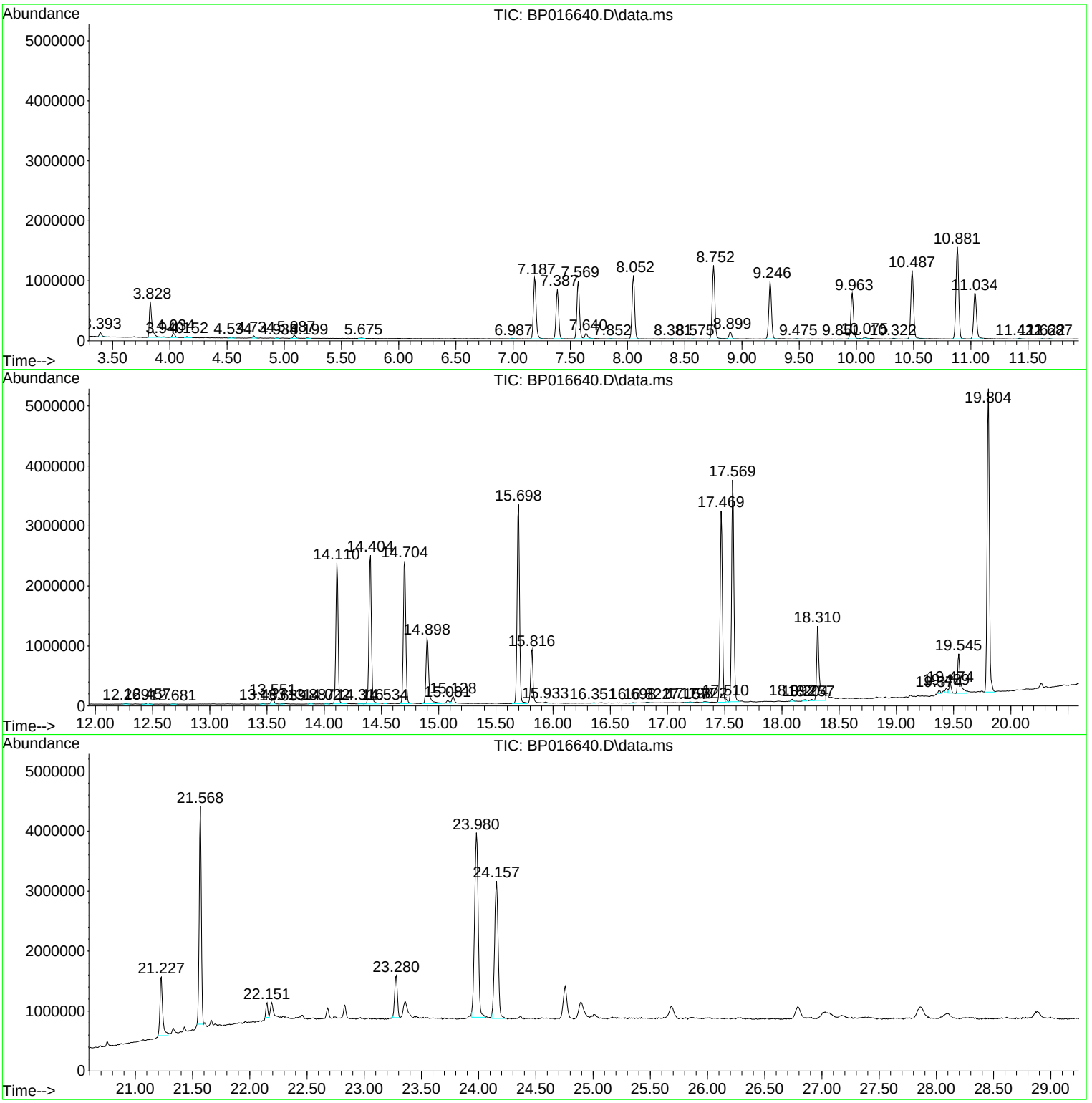
Acq On : 18 Aug 2023 13:32
Operator : MA/JU
Sample : 03968-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48N8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016640.D
Acq On : 18 Aug 2023 13:32
Operator : MA/JU
Sample : 03968-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

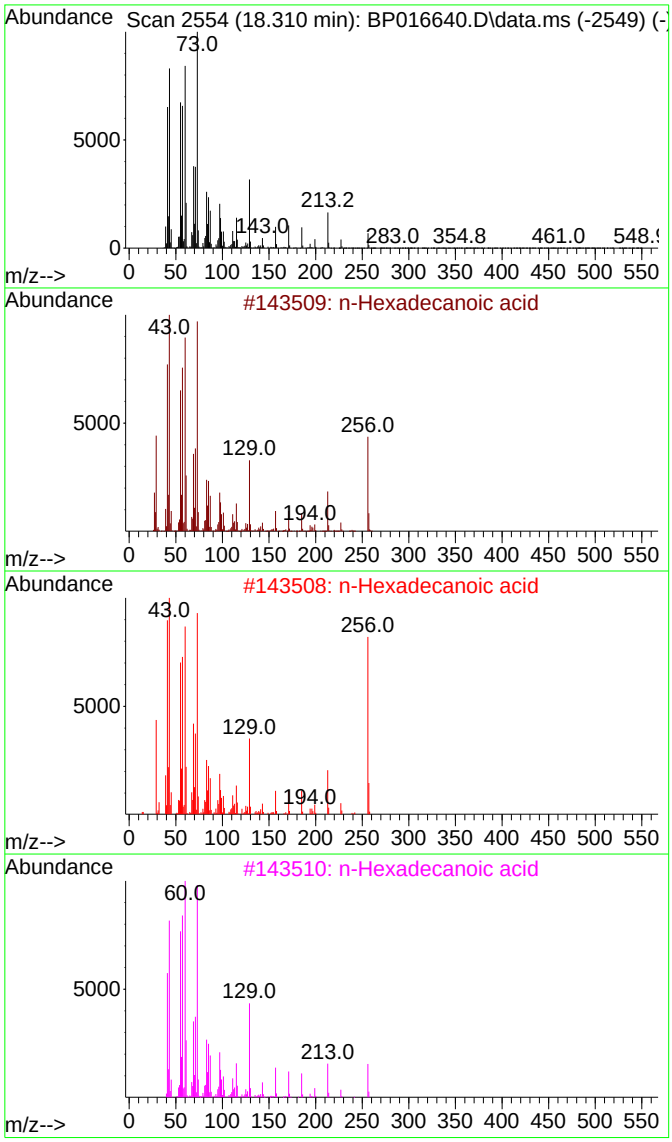
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

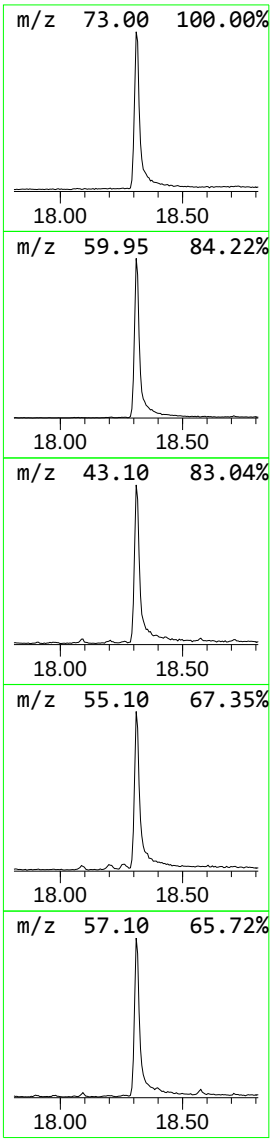
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	9.30 ng/ul	2061990	Phenanthrene-d10	17.469

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016640.D
Acq On : 18 Aug 2023 13:32
Operator : MA/JU
Sample : 03968-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48N8

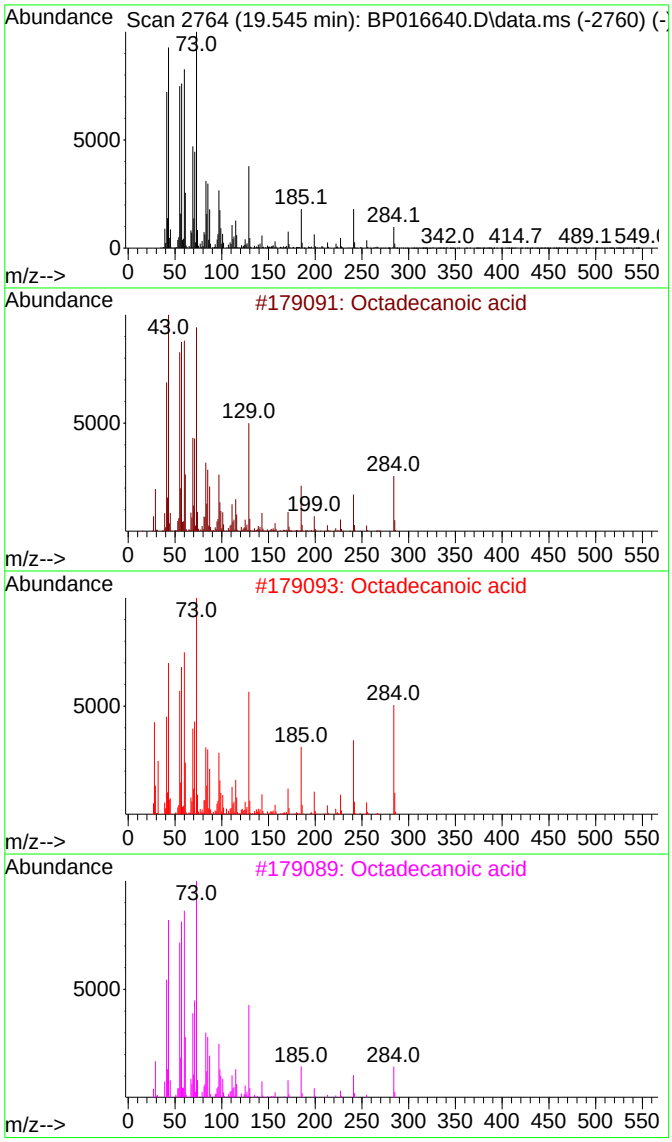
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

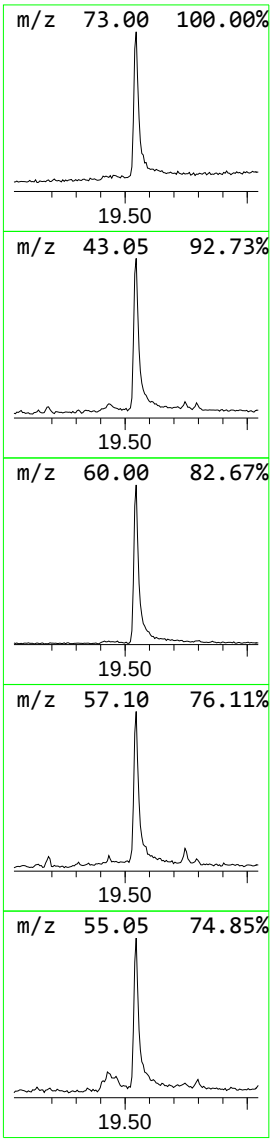
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.545	4.52 ng/ul	1054210	Chrysene-d12	21.569

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016640.D
Acq On : 18 Aug 2023 13:32
Operator : MA/JU
Sample : 03968-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48N8

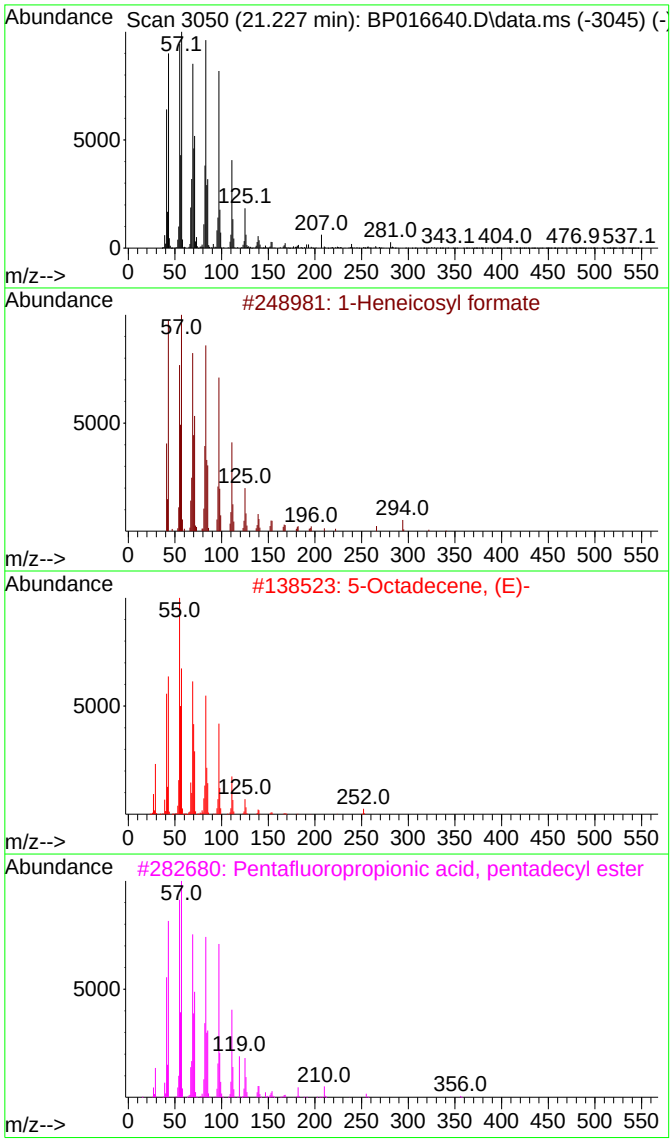
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

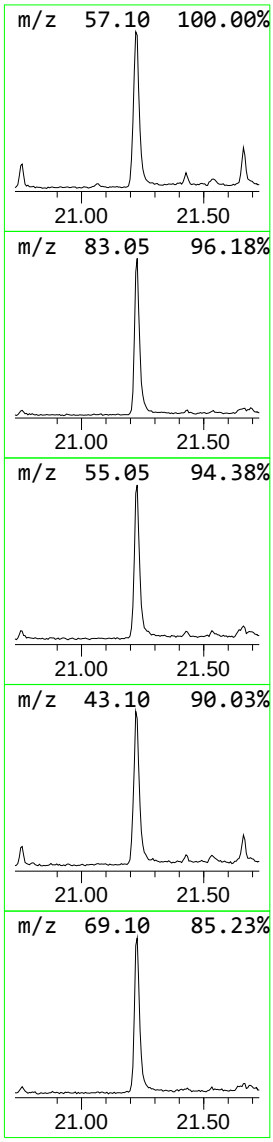
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	6.89 ng/ul	1607140	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48N8

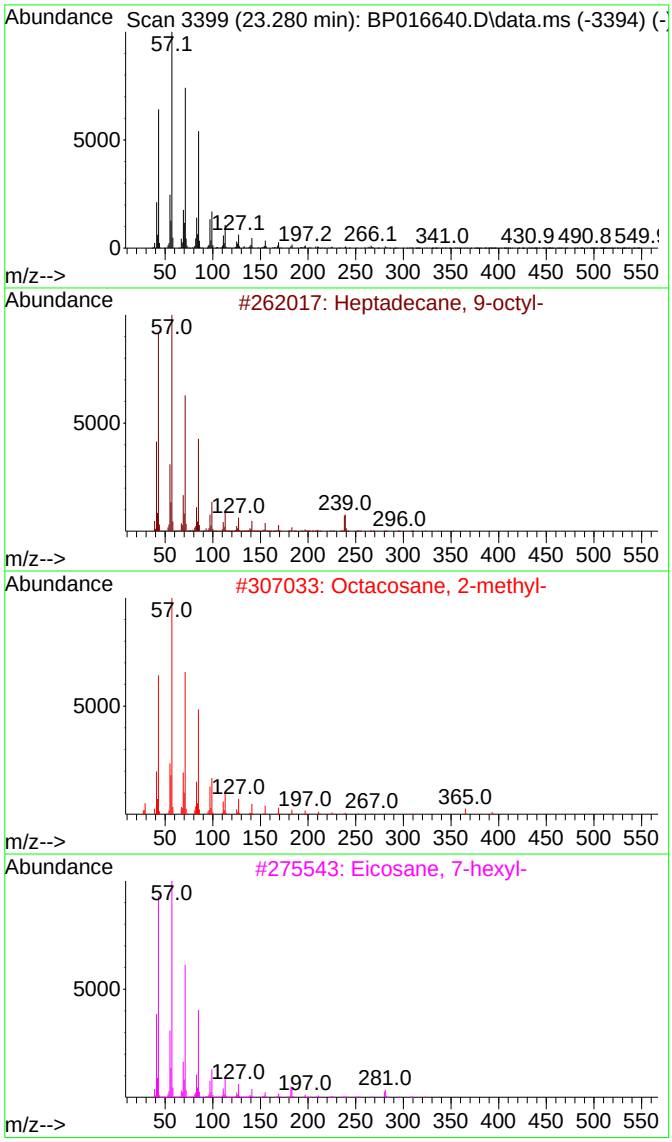
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

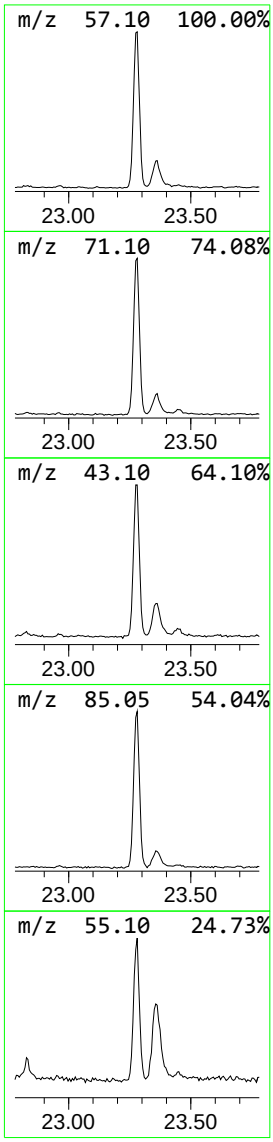
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.280	4.58 ng/ul	1138540	Perylene-d12	24.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Eicosane	282	C20H42	000112-95-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016640.D
Acq On : 18 Aug 2023 13:32
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Sample : 03968-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.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 ...	18.310	9.3	ng/ul	2061990	4	17.469	4433640	20.0
Octadecanoic acid	19.545	4.5	ng/ul	1054210	5	21.569	4662900	20.0
1-Heneicosyl fo...	21.227	6.9	ng/ul	1607140	5	21.569	4662900	20.0
(DEL) Alkane: S...	23.280	4.6	ng/ul	1138540	6	24.157	4971070	20.0