LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015147.D
Acq On : 18 May 2023 16:08
Operator : CG/JU
Sample : 02612-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH5

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-BP051123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015147.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	4	8	17	rVB	59299	88113	1.00%	0.101%
2	3.899	85	87	92	rBV	35271	57540	0.66%	0.066%
3	4.117	119	124	129	rVB	35844	58193	0.66%	0.066%
4	4.216	137	141	147	rBV	19217	28264	0.32%	0.032%
5	4.446	177	180	186	rVB4	16611	20831	0.24%	0.024%
6	4.599	203	206	211	rVV5	11180	17481	0.20%	0.020%
7	4.675	215	219	226	rVB	45596	65260	0.74%	0.074%
8	5.169	298	303	310	rBV2	25399	42604	0.49%	0.049%
9	5.663	383	387	392	rVB	11717	16165	0.18%	0.018%
10	5.787	403	408	416	rVB	23407	35915	0.41%	0.041%
11	6.081	455	458	464	rVB7	6891	11178	0.13%	0.013%
12	7.234	648	654	655	rBV	32624	41883	0.48%	0.048%
13	7.275	655	661	676	rVB	1197847	1977981	22.55%	2.258%
14	7.446	684	690	703	rVB	1075930	1699291	19.37%	1.939%
15	7.652	718	725	736	rBV	1306859	2052426	23.40%	2.342%
16	7.734	736	739	745	rVB6	10424	16218	0.18%	0.019%
17	7.946	770	775	780	rVB5	6594	12558	0.14%	0.014%
18	8.128	798	806	816	rBV	1106094	1773180	20.21%	2.024%
19	8.834	919	926	933	rBV	1591432	2643185	30.13%	3.017%
20	8.893	933	936	942	rVV	97899	165342	1.88%	0.189%
21	8.963	942	948	957	rVB	211234	348432	3.97%	0.398%
22	9.304	996	1006	1018	rBV	1335219	2160700	24.63%	2.466%
23	9.463	1027	1033	1038	rVB8	12335	21016	0.24%	0.024%
24	9.699	1064	1073	1080	rVB	104624	159429	1.82%	0.182%
25	10.034	1119	1130	1145	rBV	1039927	1731573	19.74%	1.976%
26	10.199	1152	1158	1160	rBV7	5263	9815	0.11%	0.011%
27	10.393	1186	1191	1199	rVB	18773	30825	0.35%	0.035%
28	10.569	1214	1221	1237	rVV	1571441	2718359	30.99%	3.103%
29	10.957	1278	1287	1300	rBV	1667098	2765587	31.53%	3.156%
30	11.093	1302	1310	1326	rBV	1506194	2612338	29.78%	2.982%
31	11.504	1374	1380	1382	rBV7	8197	14703	0.17%	0.017%
32	11.757	1418	1423	1432	rBV6	8980	25842	0.29%	0.029%
33	12.193	1492	1497	1504	rVB	71193	105900	1.21%	0.121%
34	12.440	1535	1539	1546	rBV5	11925	20833	0.24%	0.024%
35	12.534	1549	1555	1562	rVB2	19736	37493	0.43%	0.043%
36	13.628	1736	1741	1743	rBV4	13423	20888	0.24%	0.024%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015147.D
Acq On : 18 May 2023 16:08
Operator : CG/JU
Sample : 02612-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH5

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-BP051123.MA.M
Title : SVOA CALIBRATION

37	13.740	1754	1760	1763	rBV7	4830	10023	0.11%	0.011%
38	14.092	1814	1820	1826	rVB8	7048	11568	0.13%	0.013%
39	14.169	1826	1833	1844	rBV	3245116	4537670	51.73%	5.179%
40	14.287	1848	1853	1860	rVB9	9016	19707	0.22%	0.022%
41	14.463	1875	1883	1894	rBV	3209596	4712653	53.73%	5.379%
42	14.769	1923	1935	1942	rBV	2223086	3388189	38.63%	3.867%
43	14.951	1960	1966	1987	rBV	897627	1478831	16.86%	1.688%
44	15.175	1997	2004	2011	rVB3	66746	141541	1.61%	0.162%
45	15.716	2091	2096	2097	rBV	54370	65659	0.75%	0.075%
46	15.757	2097	2103	2112	rVB	4471893	6300848	71.83%	7.191%
47	15.875	2117	2123	2134	rVV	958188	1380379	15.74%	1.575%
48	15.998	2139	2144	2150	rVB2	23621	42342	0.48%	0.048%
49	16.122	2159	2165	2175	rVB	130297	190471	2.17%	0.217%
50	16.457	2219	2222	2230	rVB10	6537	10756	0.12%	0.012%
51	16.892	2292	2296	2304	rBV	72135	119197	1.36%	0.136%
52	16.969	2304	2309	2313	rVB2	50578	70046	0.80%	0.080%
53	17.304	2363	2366	2371	rVB5	7834	10937	0.12%	0.012%
54	17.392	2377	2381	2389	rBV7	24933	50806	0.58%	0.058%
55	17.463	2389	2393	2396	rVV5	18809	27392	0.31%	0.031%
56	17.522	2396	2403	2410	rVV	3178754	4593454	52.37%	5.243%
57	17.616	2413	2419	2430	rVV2	4956615	7277283	82.96%	8.306%
58	17.704	2430	2434	2444	rVV4	90832	153322	1.75%	0.175%
59	17.786	2446	2448	2454	rVB4	7916	12305	0.14%	0.014%
60	17.863	2458	2461	2464	rBV4	16511	17032	0.19%	0.019%
61	18.033	2487	2490	2495	rVB2	38945	48751	0.56%	0.056%
62	18.163	2508	2512	2517	rBV8	14299	24983	0.28%	0.029%
63	18.263	2523	2529	2535	rBV2	112234	177155	2.02%	0.202%
64	18.316	2535	2538	2543	rVB4	24427	35992	0.41%	0.041%
65	18.375	2543	2548	2558	rBV	817451	1225008	13.97%	1.398%
66	18.939	2640	2644	2653	rVB	80008	111224	1.27%	0.127%
67	19.151	2676	2680	2684	rBV2	33614	47456	0.54%	0.054%
68	19.416	2721	2725	2729	rVB4	80496	118636	1.35%	0.135%
69	19.463	2730	2733	2734	rBV3	35383	34952	0.40%	0.040%
70	19.480	2734	2736	2740	rVB	47307	56654	0.65%	0.065%
71	19.598	2752	2756	2770	rBV2	333591	526627	6.00%	0.601%
72	19.704	2771	2774	2778	rVB3	44184	59700	0.68%	0.068%
73	19.839	2790	2797	2806	rBV	6665502	8771699	100.00%	10.011%
74	20.333	2877	2881	2885	rBV	109395	112391	1.28%	0.128%
75	20.816	2959	2963	2966	rBV	180820	195328	2.23%	0.223%
76	21.269	3037	3040	3050	rBV2	314860	494650	5.64%	0.565%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015147.D
Acq On : 18 May 2023 16:08
Operator : CG/JU
Sample : 02612-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH5

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-BP051123.MA.M
Title : SVOA CALIBRATION

77	21.592	3090	3095	3108	rVB	3099129	4321512	49.27%	4.932%
78	21.721	3114	3117	3122	rVB	199341	211590	2.41%	0.241%
79	22.210	3196	3200	3204	rBV	253856	316122	3.60%	0.361%
80	22.739	3287	3290	3296	rVB2	209235	285238	3.25%	0.326%
81	23.333	3387	3391	3399	rVB	266411	433826	4.95%	0.495%
82	23.992	3495	3503	3520	rVV2	3359531	7561915	86.21%	8.631%
83	24.157	3524	3531	3543	rVB	1986408	4216049	48.06%	4.812%

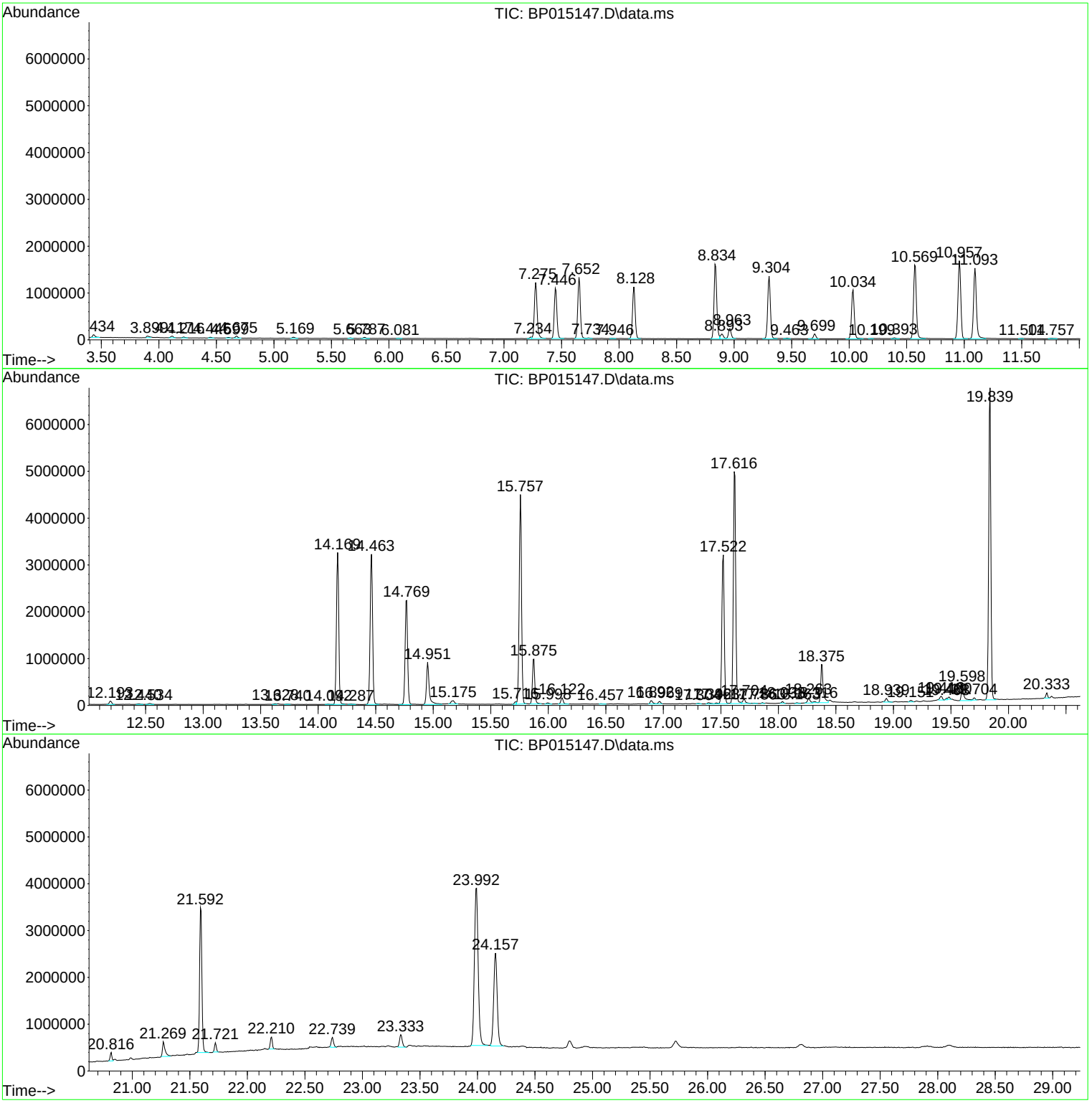
Sum of corrected areas: 87617210

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015147.D
Acq On : 18 May 2023 16:08
Operator : CG/JU
Sample : 02612-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.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\BP051823\
Data File : BP015147.D
Acq On : 18 May 2023 16:08
Operator : CG/JU
Sample : 02612-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH5

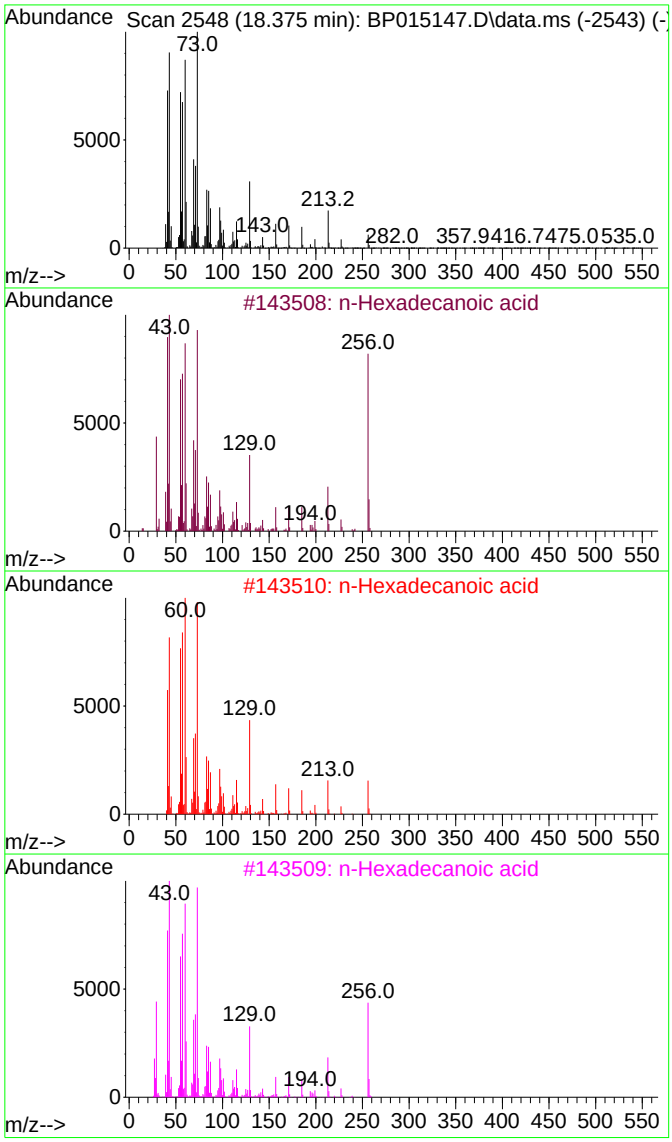
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

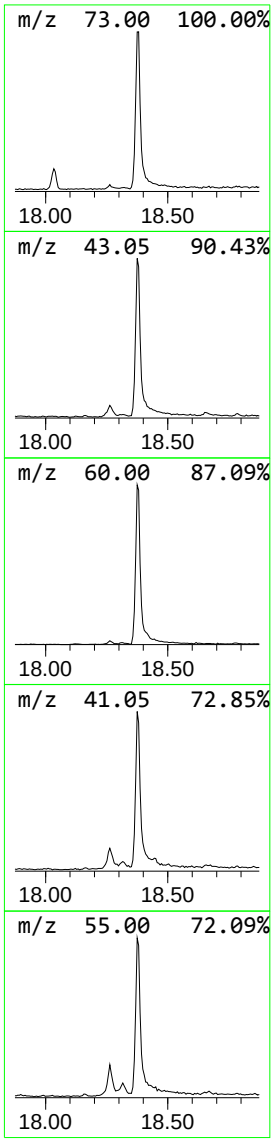
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	5.33 ng/ul	1225010	Phenanthrene-d10	17.522

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015147.D
Acq On : 18 May 2023 16:08
Operator : CG/JU
Sample : 02612-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH5

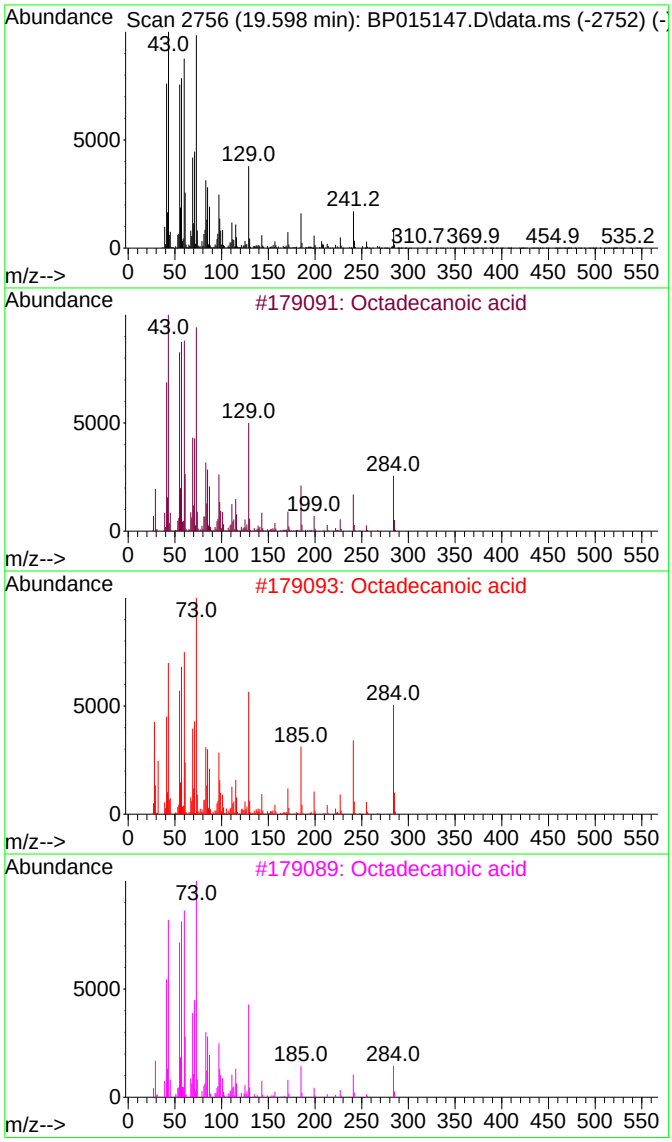
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

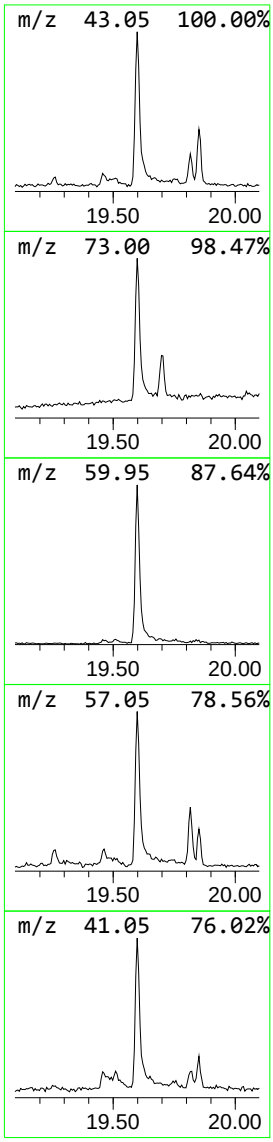
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.598	2.44 ng/ul	526627	Chrysene-d12	21.592

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015147.D
Acq On : 18 May 2023 16:08
Operator : CG/JU
Sample : 02612-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH5

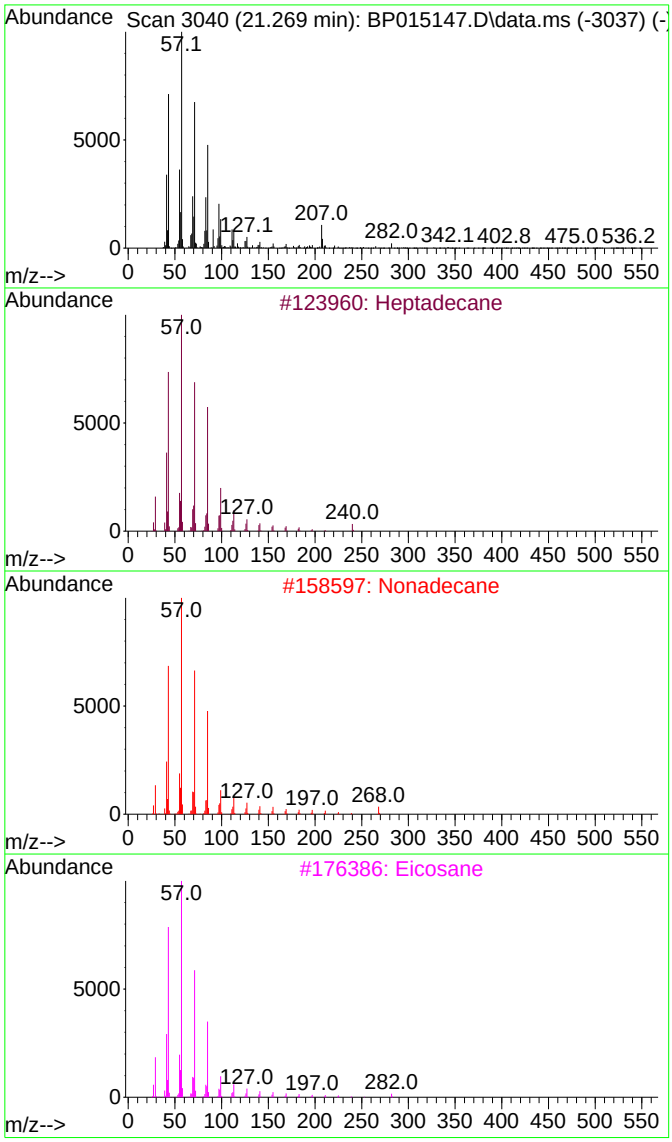
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

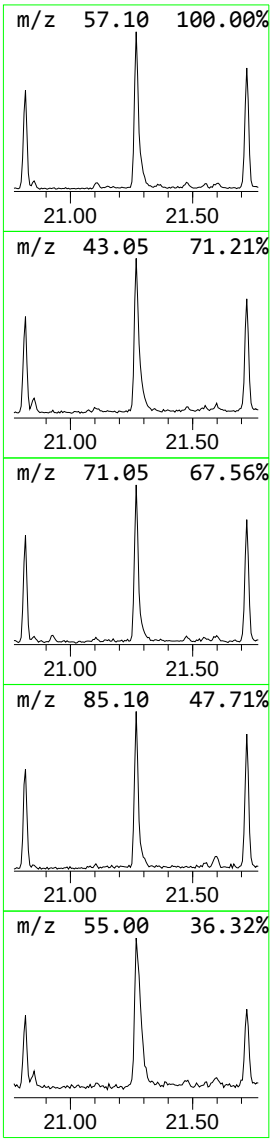
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.269	2.29 ng/ul	494650	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Eicosane	282	C20H42	000112-95-8	86
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	83
5	Tritetracontane	605	C43H88	007098-21-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015147.D
Acq On : 18 May 2023 16:08
Operator : CG/JU
Sample : 02612-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH5

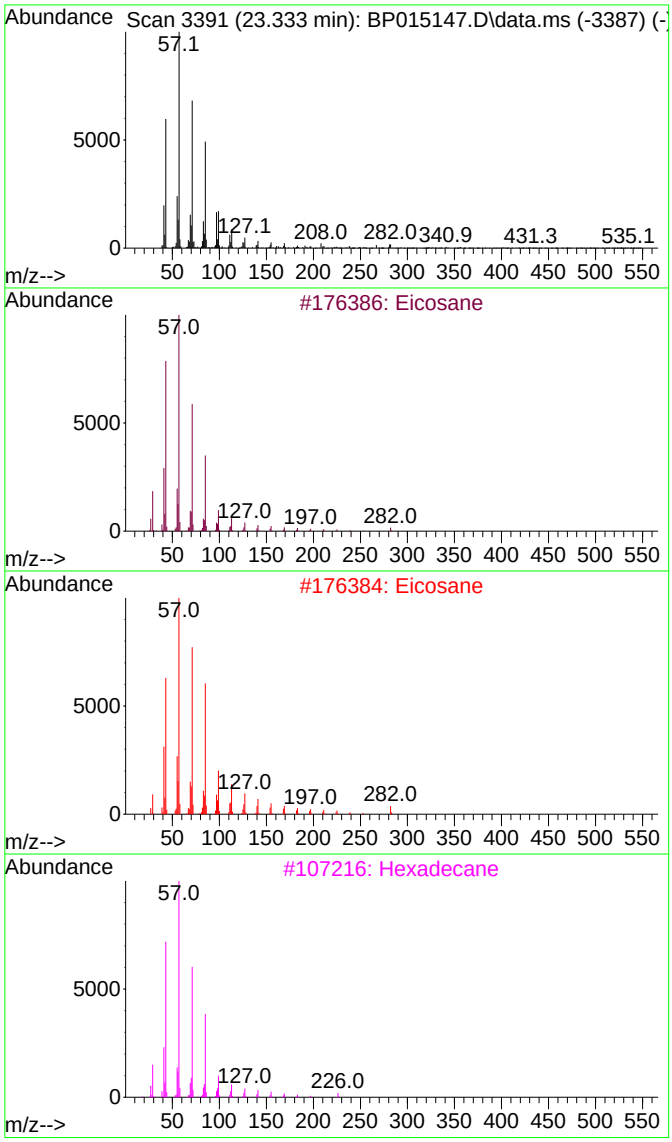
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

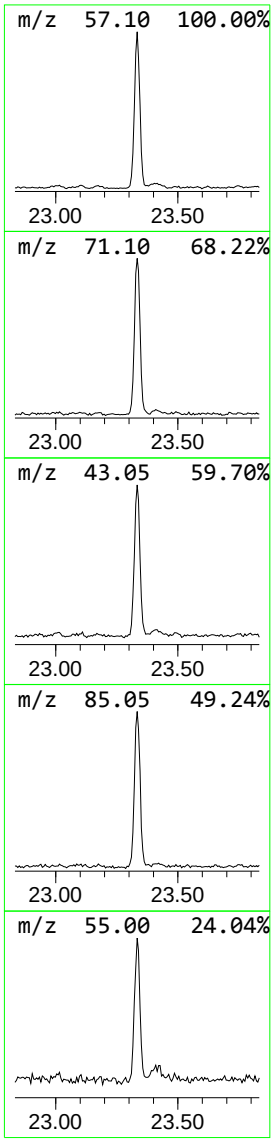
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.333	2.06 ng/ul	433826	Perylene-d12	24.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Hexadecane	226	C16H34	000544-76-3	94
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Heptadecane	240	C17H36	000629-78-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015147.D
Acq On : 18 May 2023 16:08
Operator : CG/JU
Sample : 02612-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.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 ...	18.375	5.3	ng/ul	1225010	4	17.522	4593450	20.0
Octadecanoic acid	19.598	2.4	ng/ul	526627	5	21.592	4321510	20.0
(DEL) Alkane: S...	21.269	2.3	ng/ul	494650	5	21.592	4321510	20.0
(DEL) Alkane: S...	23.333	2.1	ng/ul	433826	6	24.157	4216050	20.0