LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015157.D
Acq On : 18 May 2023 21:42
Operator : CG/JU
Sample : 02612-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH0

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: BP015157.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	94940	143201	1.23%	0.136%
2	3.870	79	82	100	rBV	1236153	1951147	16.78%	1.849%
3	4.211	137	140	147	rVB	17337	30411	0.26%	0.029%
4	4.675	215	219	225	rVB	22681	37678	0.32%	0.036%
5	5.169	299	303	309	rVB2	10978	19889	0.17%	0.019%
6	5.416	341	345	350	rBV3	11847	20231	0.17%	0.019%
7	5.787	404	408	414	rVB	14132	18562	0.16%	0.018%
8	7.234	649	654	655	rBV2	17678	24136	0.21%	0.023%
9	7.275	655	661	676	rVB	2009193	3197102	27.50%	3.030%
10	7.446	683	690	702	rVB	1392967	2162135	18.60%	2.049%
11	7.652	715	725	735	rBV	1624616	2579068	22.18%	2.444%
12	8.128	799	806	813	rBV	858213	1375131	11.83%	1.303%
13	8.834	919	926	946	rBV	1927492	3188896	27.43%	3.022%
14	9.305	997	1006	1015	rBV	1497796	2467402	21.22%	2.338%
15	9.457	1026	1032	1038	rBV2	49997	74157	0.64%	0.070%
16	9.699	1067	1073	1082	rVB	52107	85765	0.74%	0.081%
17	10.028	1121	1129	1141	rBV	1272640	2099011	18.05%	1.989%
18	10.569	1213	1221	1235	rBV	1956003	3276163	28.18%	3.105%
19	10.957	1279	1287	1295	rBV	1240852	2100986	18.07%	1.991%
20	11.093	1302	1310	1326	rBV	1743652	3111250	26.76%	2.948%
21	11.734	1416	1419	1426	rBV8	8109	16576	0.14%	0.016%
22	12.193	1492	1497	1504	rVB	33494	51515	0.44%	0.049%
23	12.475	1540	1545	1548	rVB4	8190	13502	0.12%	0.013%
24	12.534	1550	1555	1564	rVB	28073	49330	0.42%	0.047%
25	14.169	1826	1833	1846	rVV	3603353	5222745	44.92%	4.949%
26	14.287	1849	1853	1858	rVB8	7118	11893	0.10%	0.011%
27	14.463	1875	1883	1893	rBV	4224715	6344919	54.57%	6.013%
28	14.763	1927	1934	1943	rBV	2066395	3029570	26.06%	2.871%
29	14.951	1959	1966	1985	rBV	1540986	2500964	21.51%	2.370%
30	15.169	1998	2003	2010	rVB5	31967	61863	0.53%	0.059%
31	15.710	2090	2095	2097	rBV2	24375	34711	0.30%	0.033%
32	15.757	2097	2103	2114	rVV	5469334	7960120	68.46%	7.544%
33	15.869	2116	2122	2138	rVV	1652666	2291140	19.71%	2.171%
34	15.992	2139	2143	2149	rVB3	27909	45596	0.39%	0.043%
35	16.116	2158	2164	2172	rBV	352620	469523	4.04%	0.445%
36	16.892	2292	2296	2305	rBV10	13151	25530	0.22%	0.024%

LSC Area Percent Report

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Sample : 02612-09
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Instrument :
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ClientSampleId :
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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

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

37	16.963	2305	2308	2316	rVB4	20969	29940	0.26%	0.028%
38	17.192	2343	2347	2352	rVB8	10270	12785	0.11%	0.012%
39	17.251	2355	2357	2361	rVV5	8922	13143	0.11%	0.012%
40	17.298	2362	2365	2373	rVB5	8389	18057	0.16%	0.017%
41	17.516	2396	2402	2412	rBV	2837674	4055262	34.88%	3.843%
42	17.616	2412	2419	2429	rVV2	6024971	8943925	76.92%	8.476%
43	17.698	2429	2433	2442	rVB3	81979	136895	1.18%	0.130%
44	18.033	2487	2490	2493	rVB	19598	21041	0.18%	0.020%
45	18.263	2526	2529	2533	rVB5	10461	14529	0.12%	0.014%
46	18.375	2543	2548	2558	rBV	948254	1378275	11.85%	1.306%
47	18.445	2558	2560	2565	rVB	39663	53520	0.46%	0.051%
48	18.933	2641	2643	2647	rVB2	17889	19852	0.17%	0.019%
49	19.010	2654	2656	2660	rBV4	11213	16528	0.14%	0.016%
50	19.263	2695	2699	2701	rBV5	14733	25372	0.22%	0.024%
51	19.410	2720	2724	2729	rBV2	94846	127154	1.09%	0.121%
52	19.480	2729	2736	2749	rBV	111963	269839	2.32%	0.256%
53	19.598	2751	2756	2768	rBV	387856	611159	5.26%	0.579%
54	19.833	2790	2796	2803	rBV	8238752	11126316	95.69%	10.544%
55	20.810	2959	2962	2966	rBV3	63388	74663	0.64%	0.071%
56	21.274	3036	3041	3052	rBV2	524322	1120727	9.64%	1.062%
57	21.592	3090	3095	3107	rVB	3298870	4564524	39.26%	4.326%
58	22.733	3286	3289	3295	rVB2	175163	226329	1.95%	0.214%
59	23.327	3387	3390	3396	rVB	204753	304541	2.62%	0.289%
60	23.986	3494	3502	3518	rVB2	5200030	11626885	100.00%	11.019%
61	24.151	3523	3530	3542	rVB	2150747	4638394	39.89%	4.396%

Sum of corrected areas: 105521473

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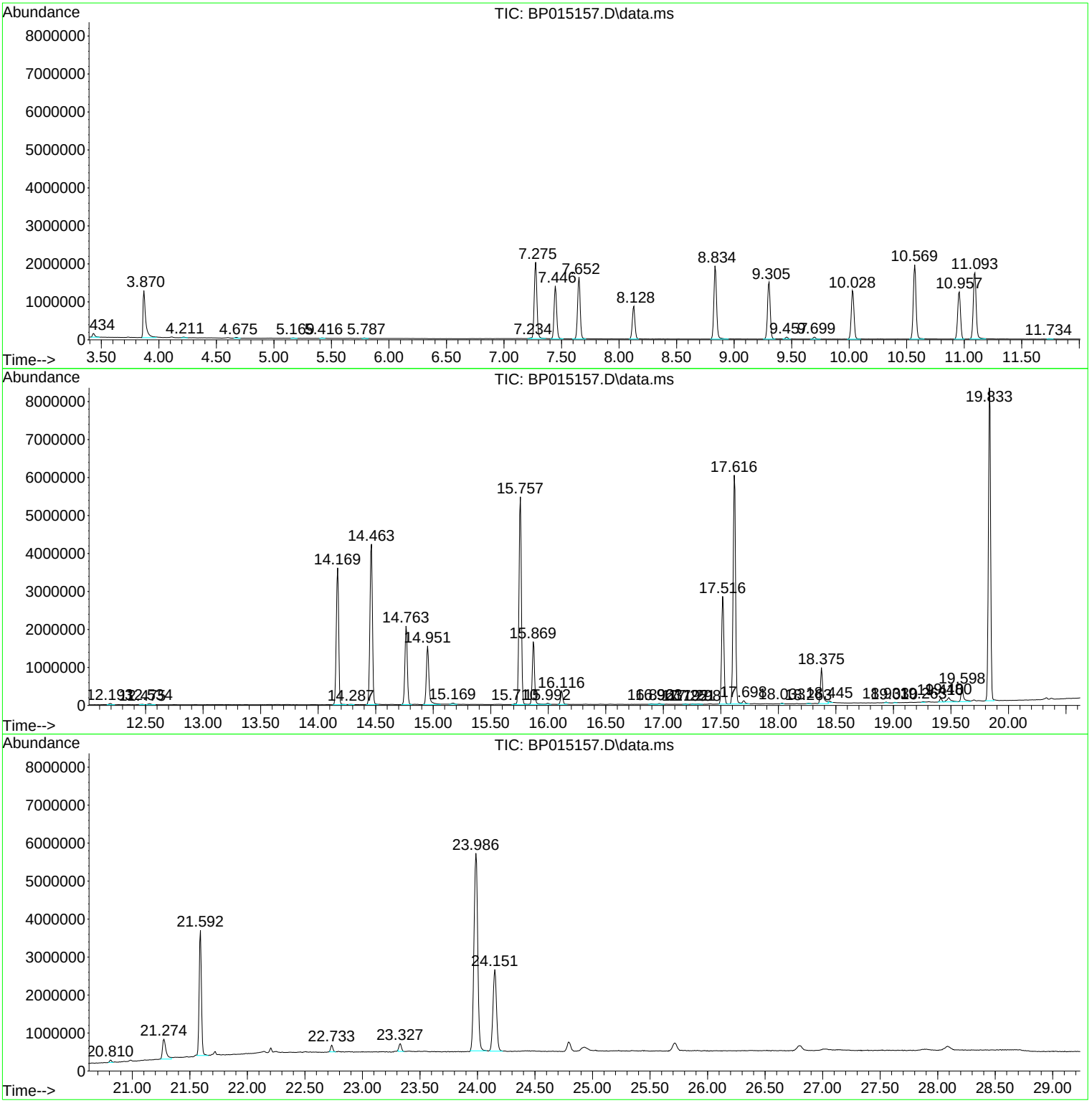
ClientSampleId :
JREH0

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 : BP015157.D
Acq On : 18 May 2023 21:42
Operator : CG/JU
Sample : 02612-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH0

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

TIC Library : C:\DATABASE\NIST20.L
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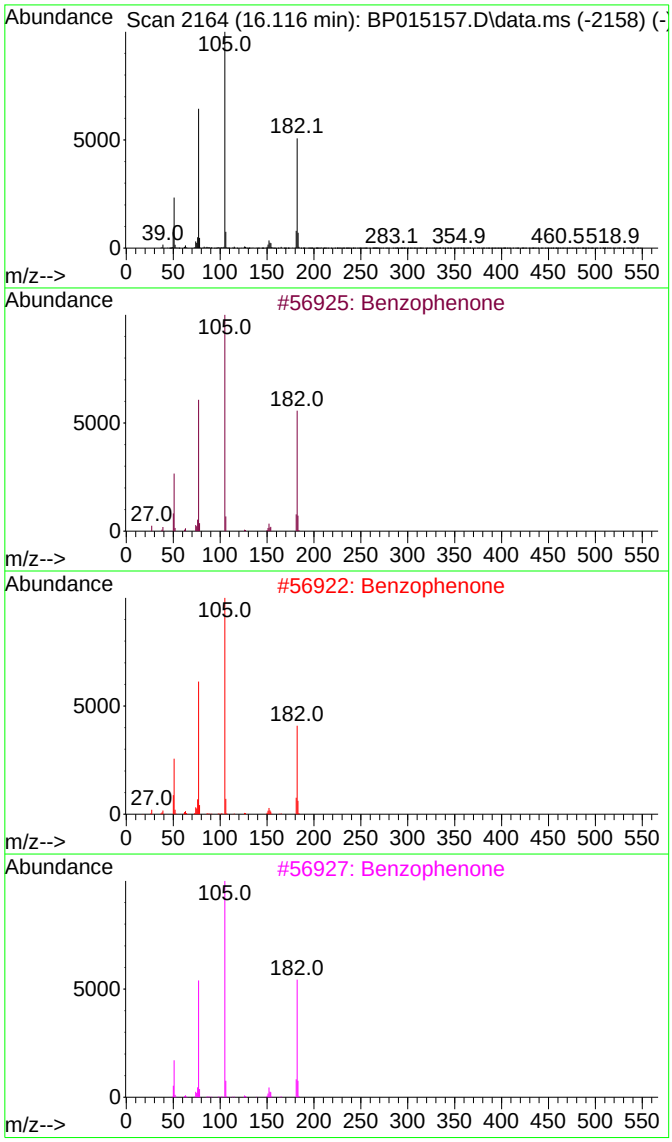
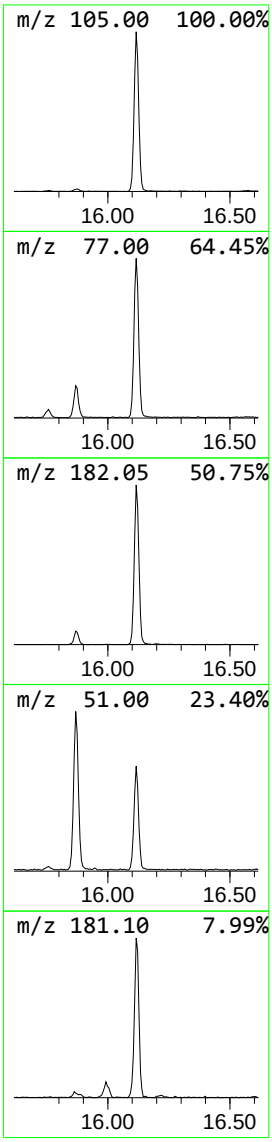
****
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.116	3.10 ng/ul	469523	Acenaphthene-d10	14.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	93
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH0

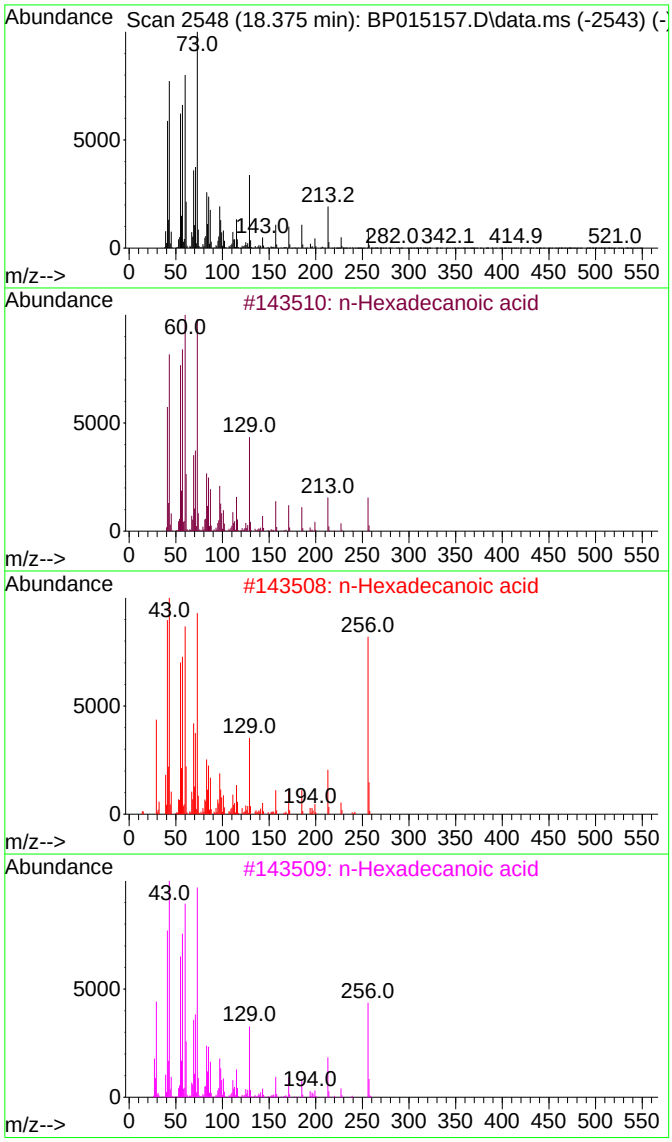
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

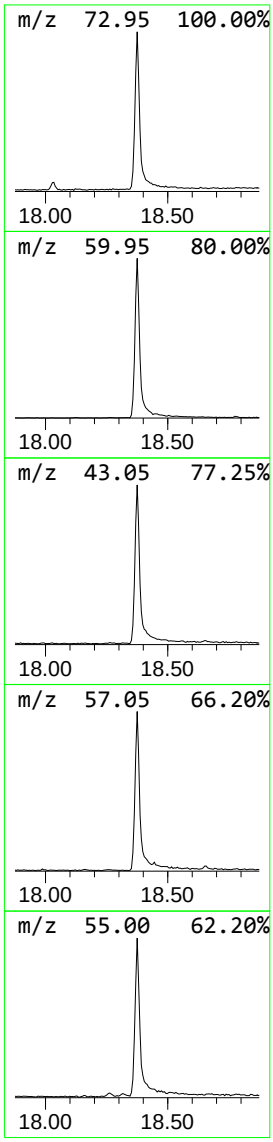
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	6.80 ng/ul	1378280	Phenanthrene-d10	17.516

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	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015157.D
Acq On : 18 May 2023 21:42
Operator : CG/JU
Sample : 02612-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH0

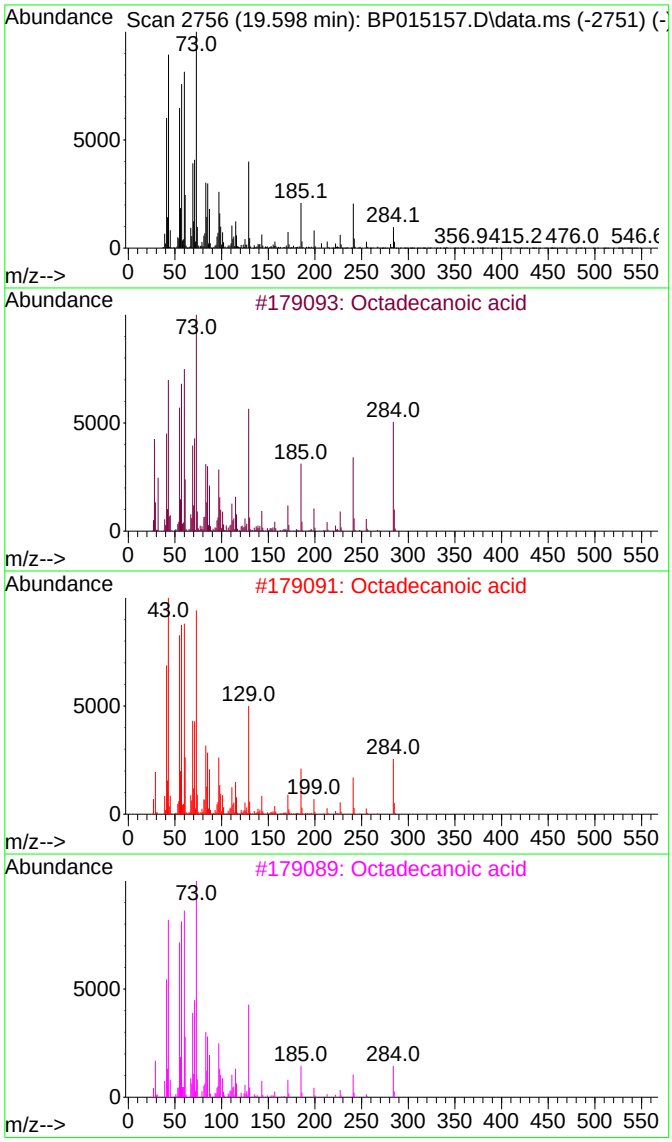
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

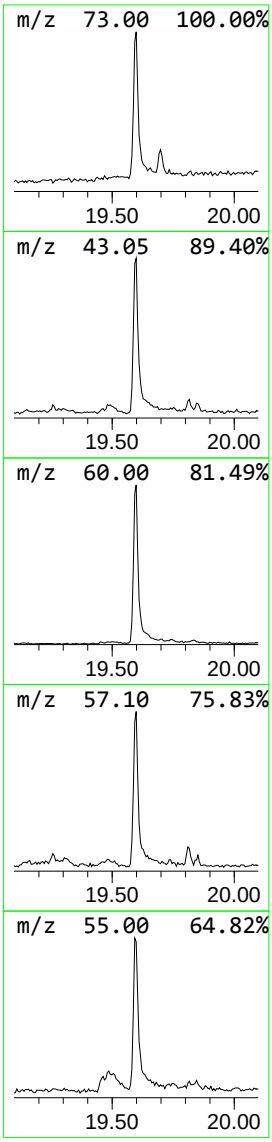
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.598	2.68 ng/ul	611159	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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Data File : BP015157.D
Acq On : 18 May 2023 21:42
Operator : CG/JU
Sample : 02612-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH0

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

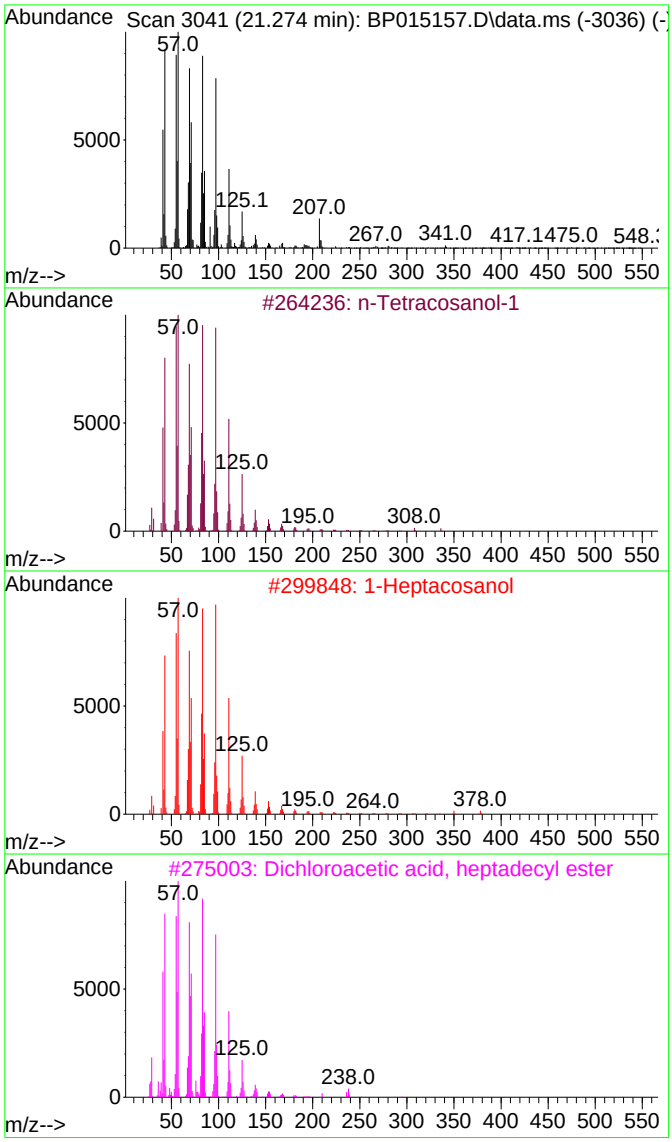
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

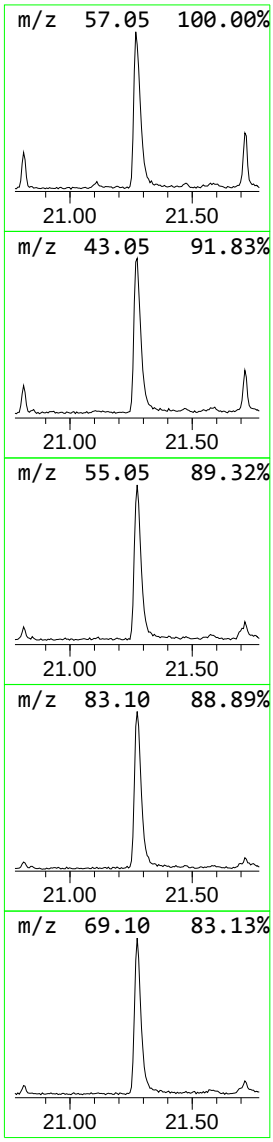
****

Peak Number 4 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.275	4.91 ng/ul	1120730	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	Octacosanol	410	C28H58O	000557-61-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREH0

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
Benzophenone	16.116	3.1	ng/ul	469523	3	14.763	3029570	20.0
n-Hexadecanoic ...	18.375	6.8	ng/ul	1378280	4	17.516	4055260	20.0
Octadecanoic acid	19.598	2.7	ng/ul	611159	5	21.592	4564520	20.0
n-Tetracosanol-1	21.275	4.9	ng/ul	1120730	5	21.592	4564520	20.0