

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029846.D
 Acq On : 06 May 2021 03:31
 Operator : CG/JU
 Sample : M2161-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AQ1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.910	681	684	700	rVB	259135	495954	15.76%	2.380%
2	7.098	713	716	733	rVB2	230060	481373	15.30%	2.310%
3	7.563	790	795	805	rVB2	314488	552130	17.55%	2.649%
4	8.281	913	917	928	rVB3	108344	204592	6.50%	0.982%
5	8.722	986	992	1007	rVB	281857	541596	17.21%	2.599%
6	9.434	1108	1113	1125	rVB	151217	283682	9.02%	1.361%
7	9.975	1199	1205	1224	rBV	174435	414557	13.18%	1.989%
8	10.339	1260	1267	1277	rVB	429709	694399	22.07%	3.332%
9	13.110	1735	1738	1746	rVB3	21706	34296	1.09%	0.165%
10	13.627	1820	1826	1832	rBV	639581	905942	28.80%	4.347%
11	13.674	1832	1834	1843	rVB	42174	64246	2.04%	0.308%
12	13.898	1866	1872	1882	rBV	903354	1249931	39.73%	5.998%
13	14.210	1919	1925	1939	rBV	702062	973179	30.93%	4.670%
14	14.480	1967	1971	1974	rBV4	4638	7793	0.25%	0.037%
15	15.210	2088	2095	2112	rBV	1146878	1627847	51.74%	7.811%
16	15.345	2112	2118	2128	rBV	157110	272192	8.65%	1.306%
17	15.445	2133	2135	2141	rVB4	8392	13963	0.44%	0.067%
18	15.998	2225	2229	2235	rVB5	3030	4811	0.15%	0.023%
19	16.198	2259	2263	2267	rVB2	5706	8146	0.26%	0.039%
20	16.957	2385	2392	2401	rBV	720795	959163	30.49%	4.602%
21	17.057	2401	2409	2424	rVV2	1329867	1919597	61.02%	9.211%
22	17.862	2541	2546	2557	rBV2	57379	115808	3.68%	0.556%
23	17.933	2557	2558	2562	rVB4	5751	4999	0.16%	0.024%
24	18.809	2703	2707	2710	rBV6	4188	5879	0.19%	0.028%
25	18.992	2733	2738	2742	rBV3	7117	12937	0.41%	0.062%
26	19.151	2761	2765	2774	rBV4	36741	67924	2.16%	0.326%
27	19.239	2776	2780	2784	rVV3	7758	11633	0.37%	0.056%
28	19.351	2793	2799	2808	rBV	1872286	2454545	78.02%	11.778%
29	19.686	2854	2856	2858	rVB3	6995	4895	0.16%	0.023%
30	20.874	3053	3058	3066	rBV2	125173	265362	8.43%	1.273%
31	21.145	3099	3104	3113	rBV	993043	1355347	43.08%	6.503%
32	22.656	3358	3361	3366	rBV3	51272	71703	2.28%	0.344%
33	23.162	3441	3447	3461	rBV	1650607	3146089	100.00%	15.096%
34	23.303	3465	3471	3482	rVB2	860069	1614349	51.31%	7.746%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029846.D
Acq On : 06 May 2021 03:31
Operator : CG/JU
Sample : M2161-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AQ1

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_M\METHODS\SFAM-EPA-BM050421.M
Title : SVOA CALIBRATION

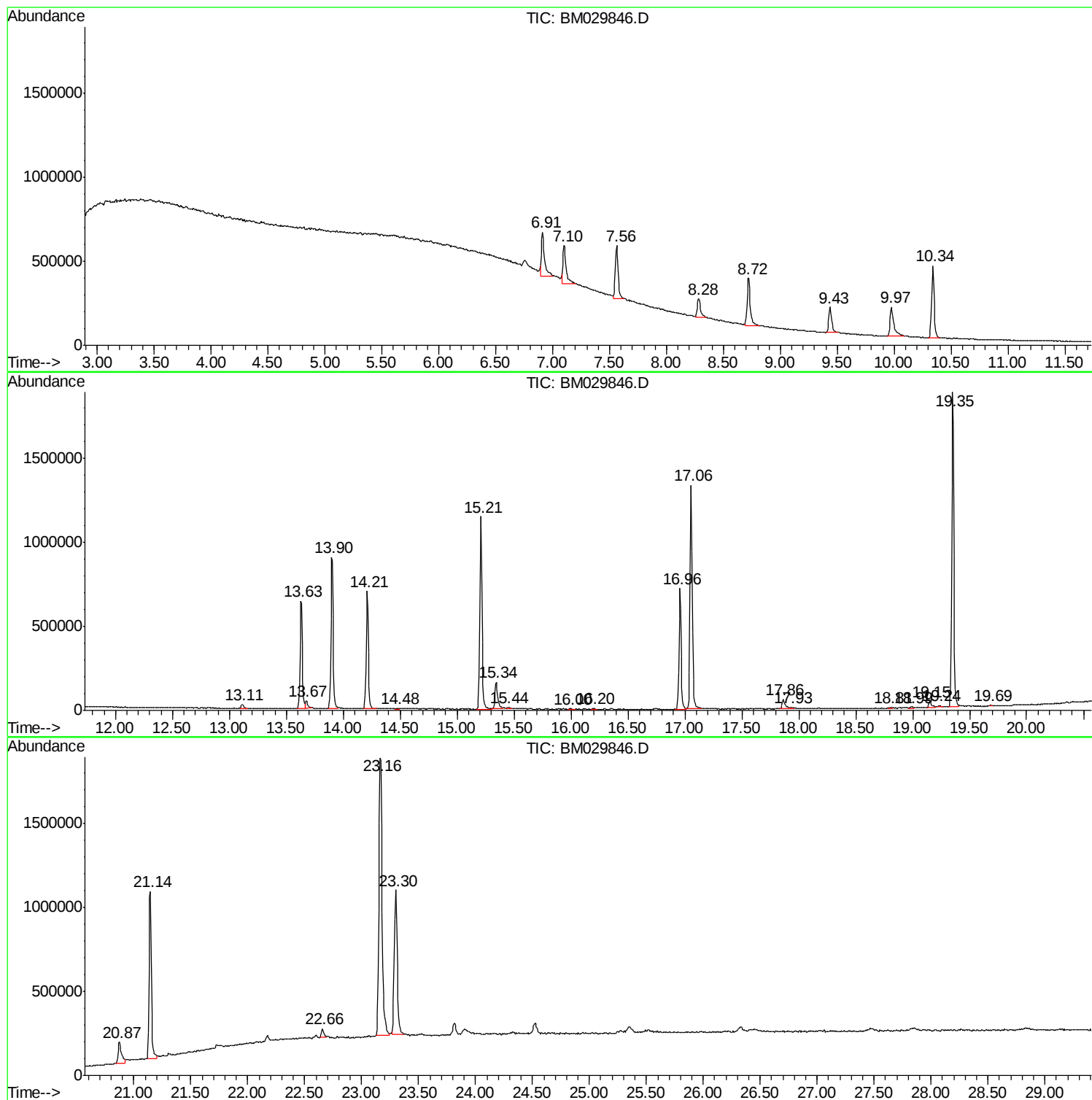
Sum of corrected areas: 20840859

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029846.D
Acq On : 06 May 2021 03:31
Operator : CG/JU
Sample : M2161-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029846.D
Acq On : 06 May 2021 03:31
Operator : CG/JU
Sample : M2161-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

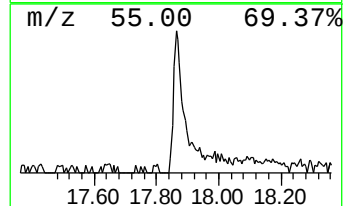
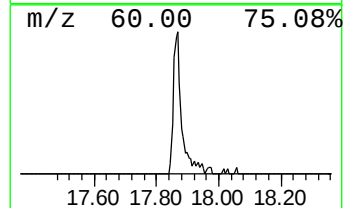
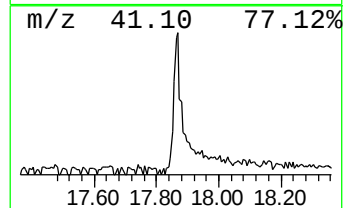
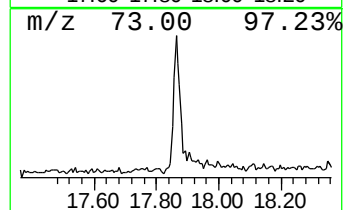
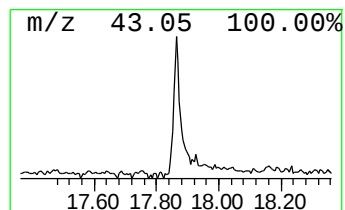
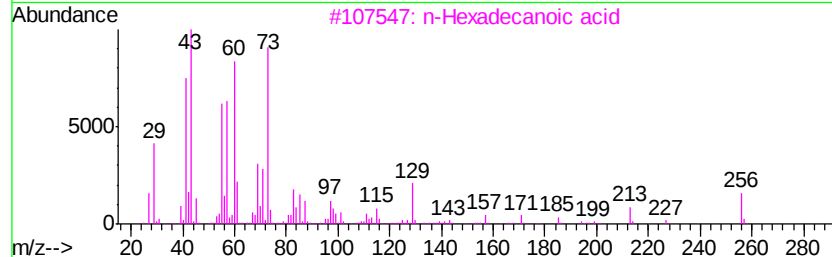
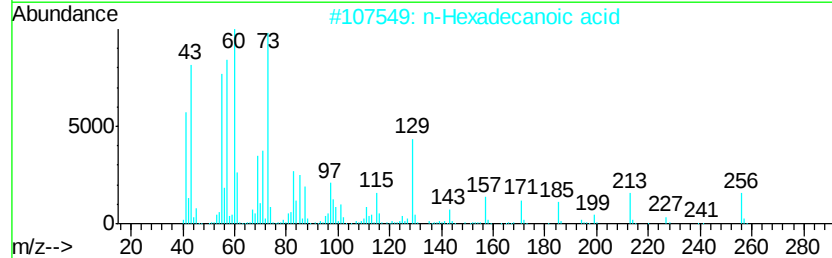
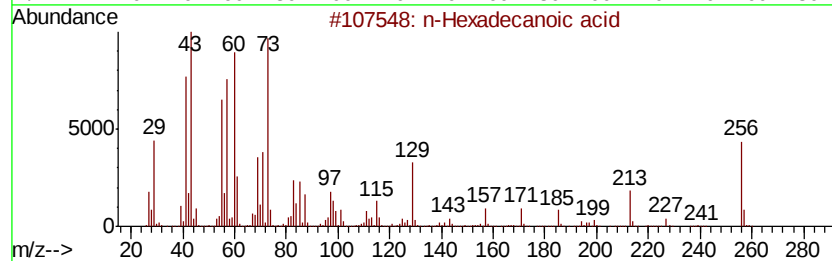
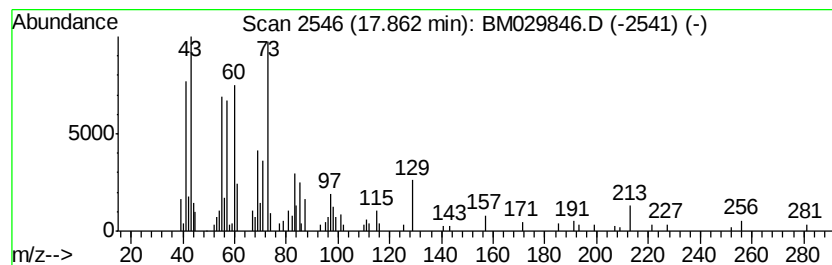
Instrument :
BNA_M
ClientSampleId :
C0AQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.86	2.41 ng/ul	115808	Phenanthrene-d10		16.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83	
4	Undecanoic acid	186	C11H22O2	000112-37-8	64	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029846.D
Acq On : 06 May 2021 03:31
Operator : CG/JU
Sample : M2161-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AQ1

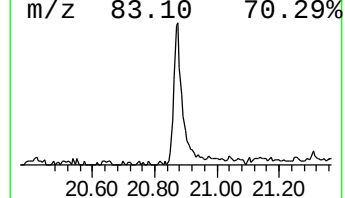
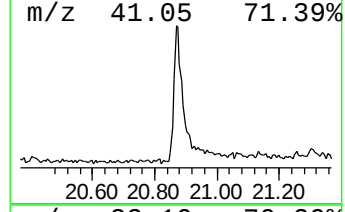
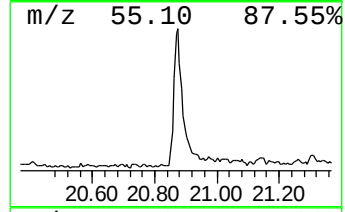
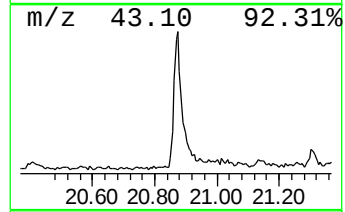
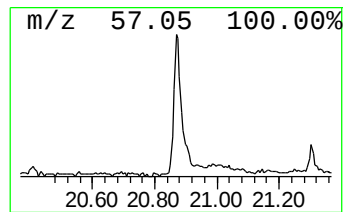
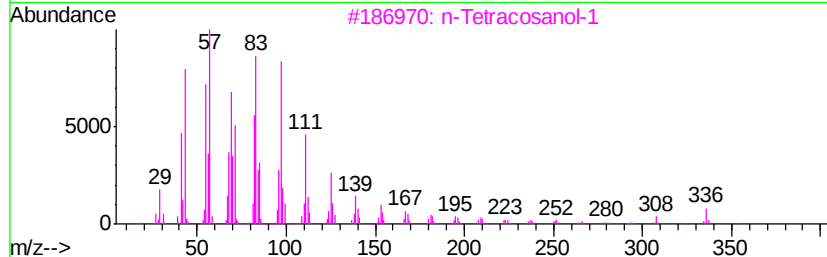
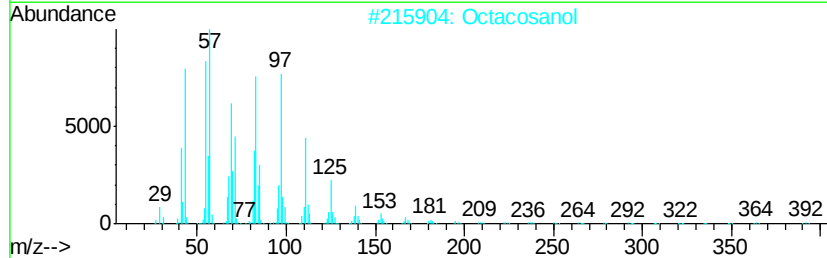
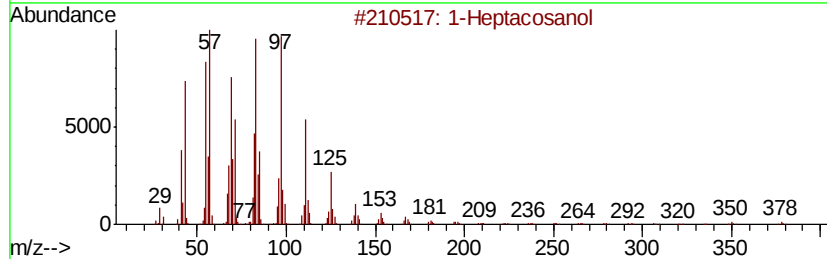
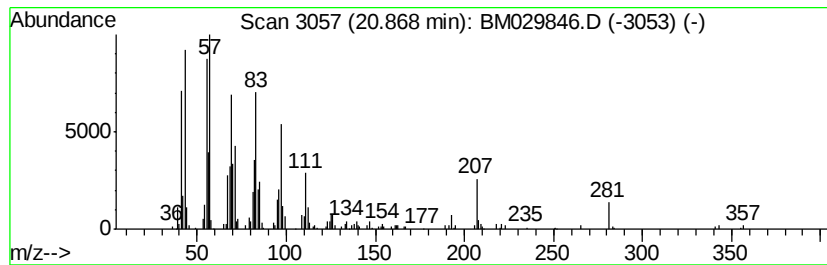
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.92 ng/ul	265362	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	81
2		Octacosanol	410	C28H58O	000557-61-9	81
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	81
4		1-Eicosanol	298	C20H42O	000629-96-9	81
5		Behenic alcohol	326	C22H46O	000661-19-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050421\
Data File : BM029846.D
Acq On : 06 May 2021 03:31
Operator : CG/JU
Sample : M2161-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AQ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.86	2.4	ng/ul	115808	4	16.96	959163	20.0
1-Heptacosanol	20.87	3.9	ng/ul	265362	5	21.14	1355350	20.0