

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024162.D
 Acq On : 18 Dec 2019 21:00
 Operator : JU
 Sample : K6171-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS6

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\SOM-EPA-BM121719MA.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	3.010	18	21	31	rVB	41268	74945	0.24%	0.051%
2	3.516	103	107	112	rBV2	23266	38823	0.12%	0.026%
3	3.622	121	125	130	rVB	29094	49915	0.16%	0.034%
4	3.704	135	139	148	rVB	61791	97252	0.31%	0.066%
5	4.610	289	293	300	rBV	62865	101274	0.32%	0.069%
6	6.645	630	639	654	rBV	1000094	1807618	5.73%	1.227%
7	6.798	659	665	684	rVV	788784	1347404	4.27%	0.915%
8	6.987	690	697	710	rBV	1089190	1776483	5.63%	1.206%
9	7.081	710	713	722	rVB8	15522	34263	0.11%	0.023%
10	7.445	769	775	786	rBV	1306093	2093424	6.64%	1.421%
11	8.169	891	898	905	rBV	1260313	2119780	6.72%	1.439%
12	8.228	905	908	913	rVV	90780	180031	0.57%	0.122%
13	8.281	913	917	927	rVB	93177	162787	0.52%	0.111%
14	8.598	960	971	983	rBV	988963	1740650	5.52%	1.182%
15	9.033	1039	1045	1051	rBV	38714	62202	0.20%	0.042%
16	9.316	1086	1093	1108	rBV	829180	1420763	4.50%	0.965%
17	9.857	1178	1185	1201	rBV	1333837	2414329	7.65%	1.639%
18	9.992	1205	1208	1217	rVB5	17516	39294	0.12%	0.027%
19	10.216	1237	1246	1262	rBV	2046769	3382737	10.72%	2.297%
20	10.369	1265	1272	1296	rBV	811431	1714159	5.43%	1.164%
21	11.663	1484	1492	1503	rVB7	17495	36589	0.12%	0.025%
22	11.822	1515	1519	1524	rVV	22240	34625	0.11%	0.024%
23	12.945	1705	1710	1720	rBV3	22169	61017	0.19%	0.041%
24	13.427	1785	1792	1797	rBV10	18756	36009	0.11%	0.024%
25	13.533	1804	1810	1815	rBV	2658588	3645459	11.56%	2.475%
26	13.580	1815	1818	1828	rVV	535096	744952	2.36%	0.506%
27	13.798	1848	1855	1867	rBV	3120815	4630930	14.68%	3.144%
28	14.110	1901	1908	1915	rBV	3214065	4743757	15.04%	3.221%
29	14.357	1945	1950	1971	rBV	430135	1101080	3.49%	0.748%
30	14.521	1973	1978	1982	rVV4	36449	69962	0.22%	0.047%
31	14.563	1982	1985	1990	rVB2	56584	78434	0.25%	0.053%
32	14.939	2044	2049	2055	rVV	177642	235751	0.75%	0.160%
33	14.992	2055	2058	2065	rVB2	32096	42905	0.14%	0.029%
34	15.110	2072	2078	2085	rBV	4118012	5873940	18.62%	3.988%

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35	15.162	2085	2087	2098	rVB4	39280	85424	0.27%	0.058%
36	15.262	2098	2104	2114	rBV	680177	1040017	3.30%	0.706%
37	15.351	2114	2119	2124	rVB2	45929	77376	0.25%	0.053%
38	15.509	2141	2146	2150	rVB2	45181	63248	0.20%	0.043%
39	15.857	2201	2205	2209	rBV5	41783	62091	0.20%	0.042%
40	15.898	2209	2212	2218	rVB7	21428	37809	0.12%	0.026%
41	16.180	2254	2260	2265	rBV10	17450	39970	0.13%	0.027%
42	16.298	2277	2280	2291	rVV10	28551	52542	0.17%	0.036%
43	16.533	2315	2320	2325	rBV5	34732	62177	0.20%	0.042%
44	16.609	2328	2333	2337	rVV4	24782	48664	0.15%	0.033%
45	16.657	2337	2341	2343	rVV2	58158	78478	0.25%	0.053%
46	16.686	2343	2346	2355	rVB	36780	70171	0.22%	0.048%
47	16.862	2370	2376	2381	rBV	3892264	5568732	17.65%	3.781%
48	16.904	2381	2383	2388	rVV	585496	762995	2.42%	0.518%
49	16.962	2388	2393	2406	rVB	4412682	6353244	20.14%	4.313%
50	17.186	2427	2431	2437	rVB7	37990	62425	0.20%	0.042%
51	17.280	2444	2447	2453	rVB3	37916	51471	0.16%	0.035%
52	17.392	2462	2466	2469	rBV3	49243	60734	0.19%	0.041%
53	17.674	2510	2514	2516	rBV4	67470	102931	0.33%	0.070%
54	17.727	2518	2523	2530	rVV2	743450	1277347	4.05%	0.867%
55	17.798	2530	2535	2551	rVV2	2514693	3741558	11.86%	2.540%
56	17.933	2554	2558	2562	rVB2	167234	255738	0.81%	0.174%
57	18.250	2609	2612	2616	rBV	80809	108976	0.35%	0.074%
58	18.556	2661	2664	2667	rVB2	66508	75017	0.24%	0.051%
59	18.674	2680	2684	2687	rBV2	98962	154132	0.49%	0.105%
60	18.950	2723	2731	2733	rBV2	5387405	11464114	36.34%	7.783%
61	18.992	2733	2738	2752	rVV	15832834	31543742	100.00%	21.416%
62	19.098	2752	2756	2765	rVB2	985994	1646480	5.22%	1.118%
63	19.227	2775	2778	2781	rBV	543746	721300	2.29%	0.490%
64	19.274	2781	2786	2789	rVV	5509359	8035384	25.47%	5.455%
65	19.303	2789	2791	2800	rVB	1960984	2147178	6.81%	1.458%
66	19.456	2815	2817	2820	rBV	157320	202212	0.64%	0.137%
67	20.192	2940	2942	2944	rBV	191413	182961	0.58%	0.124%
68	20.233	2944	2949	2954	rVB	4485279	5240962	16.61%	3.558%
69	20.315	2959	2963	2966	rVB	526742	575956	1.83%	0.391%
70	20.821	3045	3049	3053	rVB	1266792	1574730	4.99%	1.069%
71	21.080	3086	3093	3097	rBV2	4737810	7308789	23.17%	4.962%

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72	21.115	3097	3099	3110	rVB	869181	1014992	3.22%	0.689%
73	22.121	3267	3270	3274	rVB	421177	497655	1.58%	0.338%
74	22.591	3345	3350	3370	rVB2	1195237	3530861	11.19%	2.397%
75	23.080	3427	3433	3437	rBV	3068010	5030276	15.95%	3.415%
76	23.209	3450	3455	3461	rBV	2549768	4285848	13.59%	2.910%

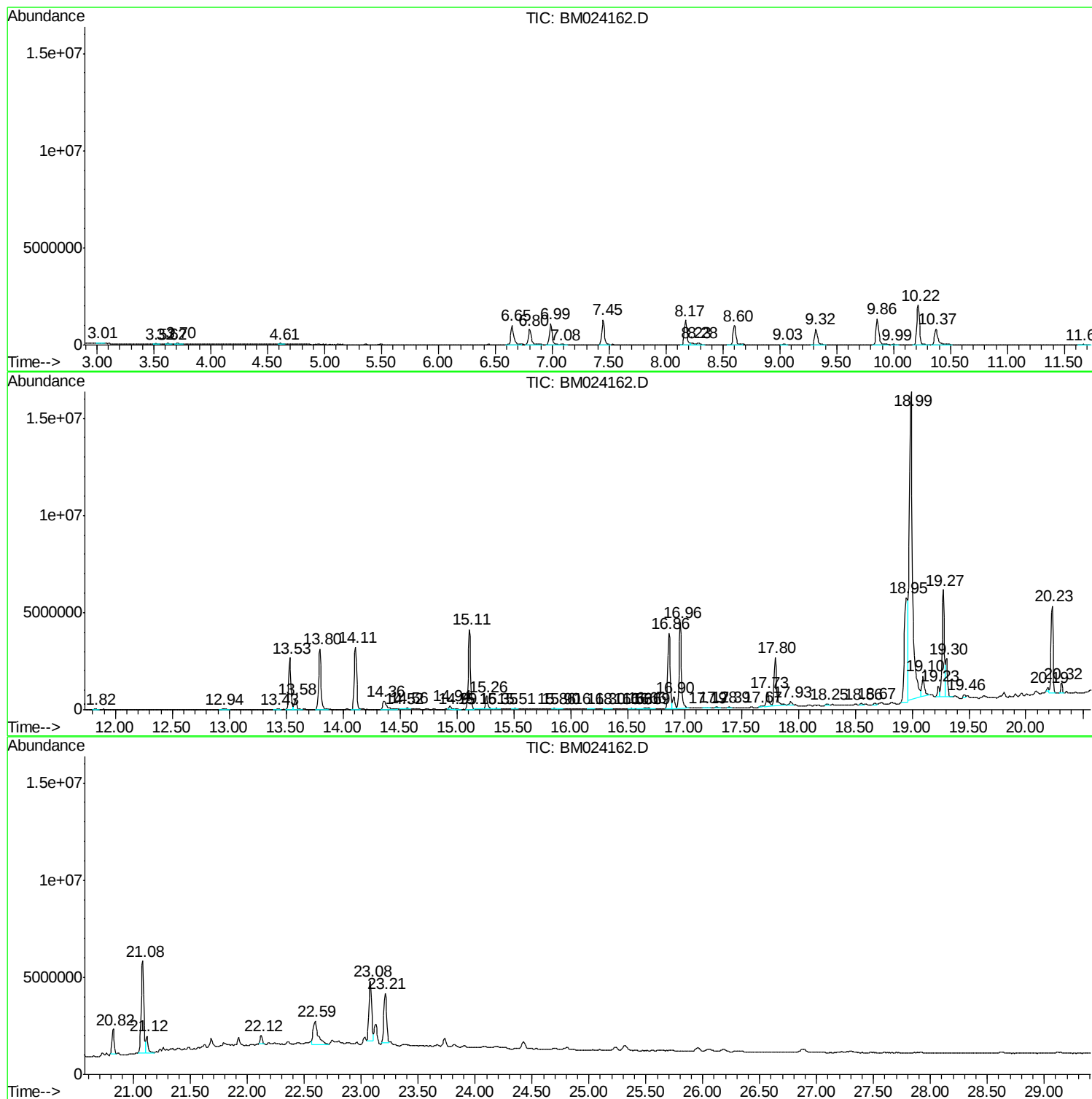
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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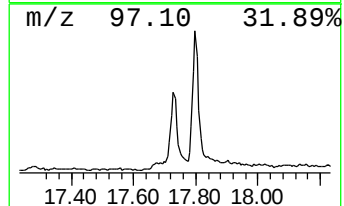
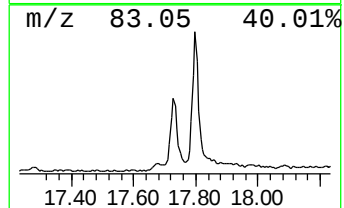
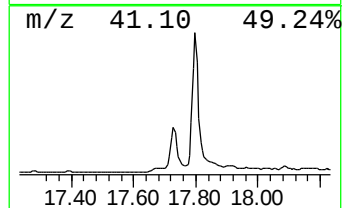
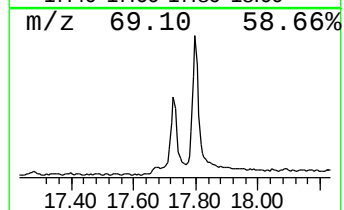
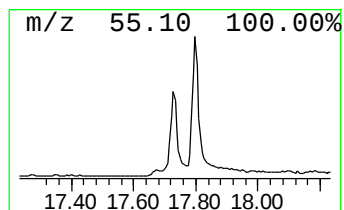
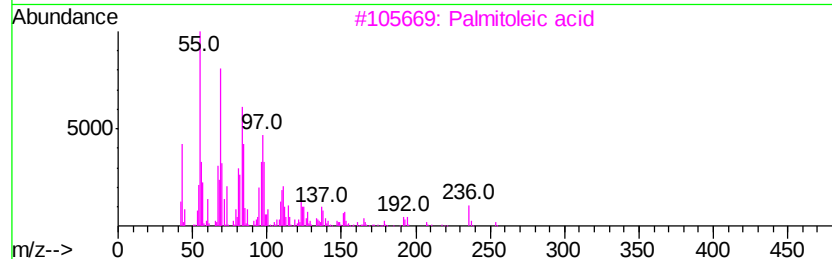
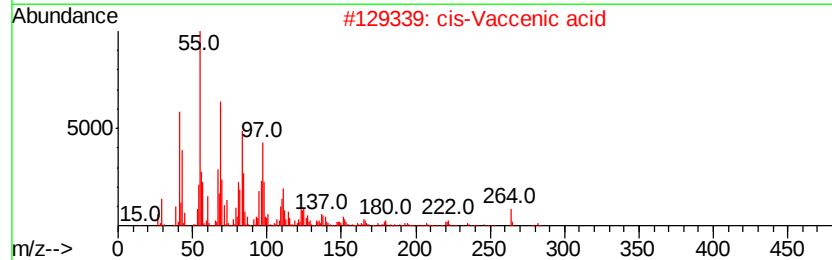
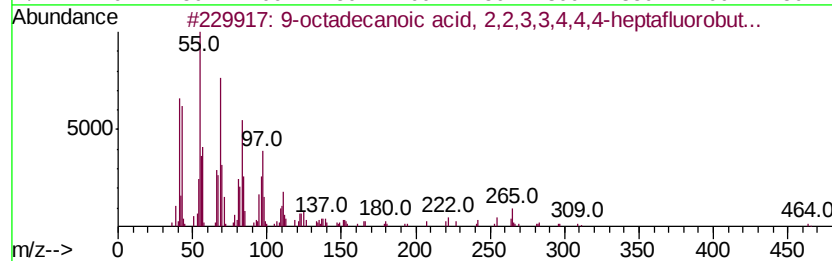
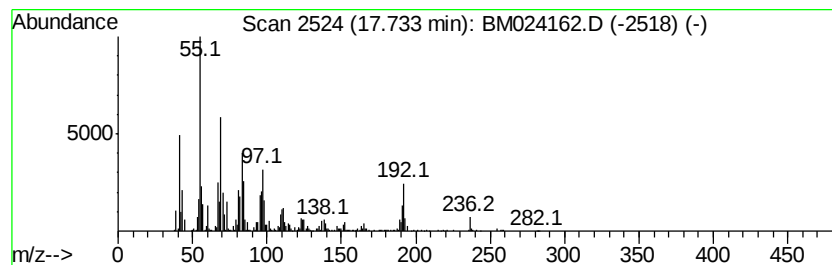
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 9-octadecanoic acid, 2,2,3,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	4.59 ng/ul	1277350	Phenanthrene-d10	16.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	90
2		cis-Vaccenic acid	282	C18H34O2	000506-17-2	90
3		Palmitoleic acid	254	C16H30O2	000373-49-9	87
4		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	87
5		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	86



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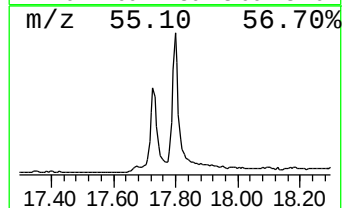
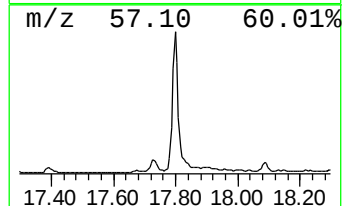
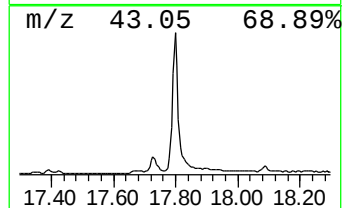
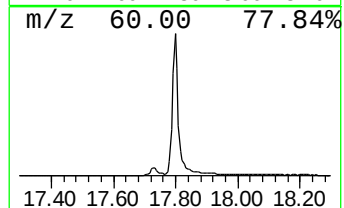
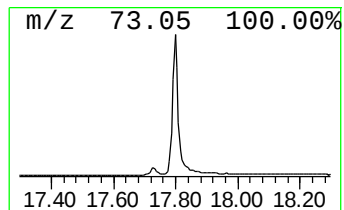
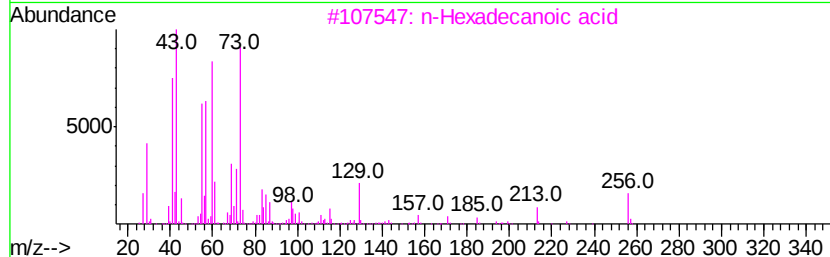
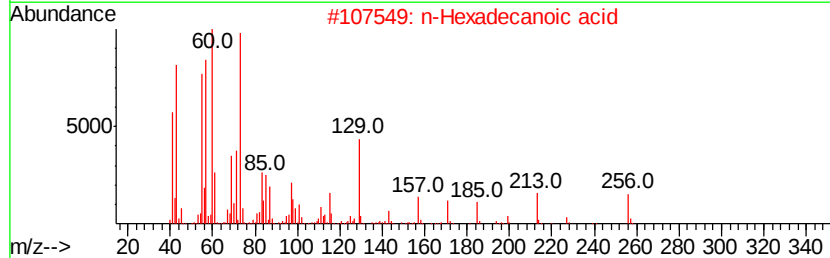
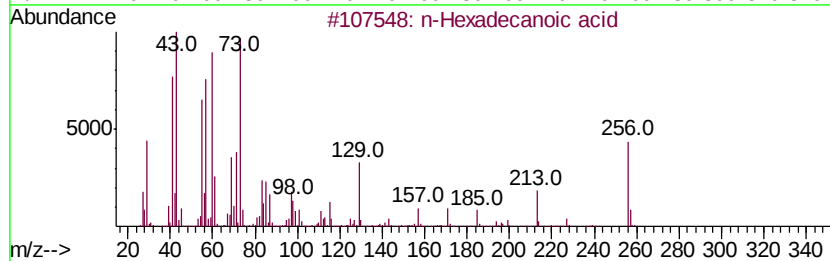
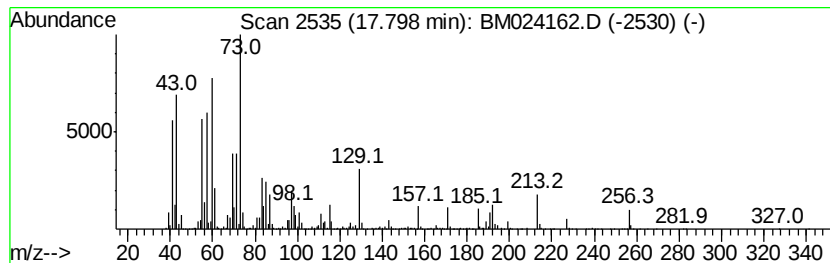
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	13.44 ng/ul	3741560	Phenanthrene-d10	16.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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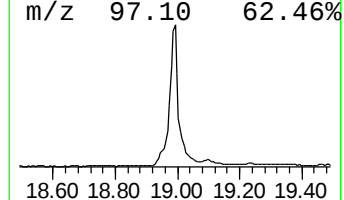
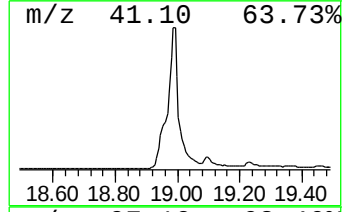
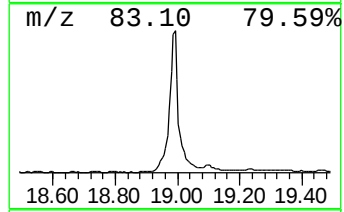
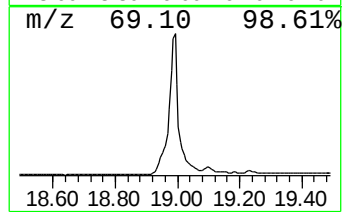
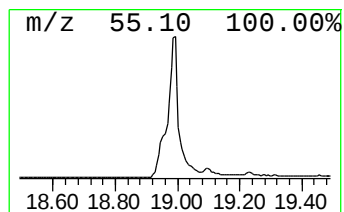
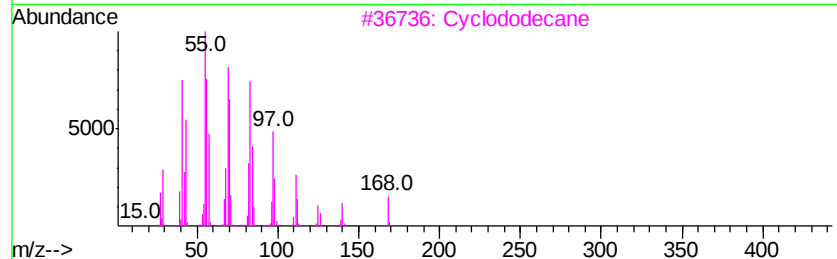
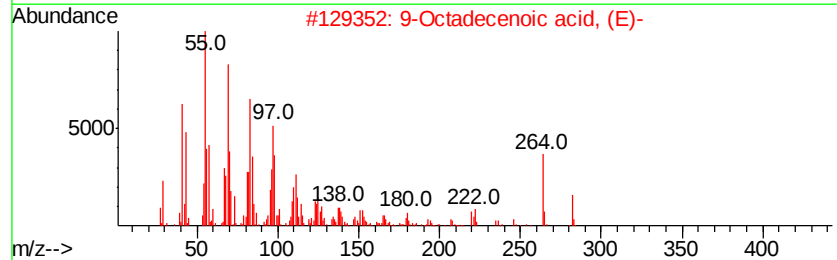
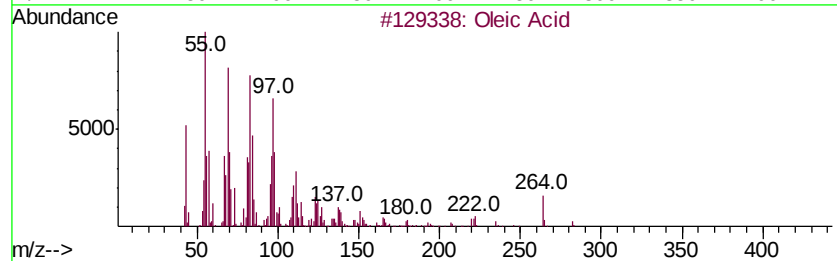
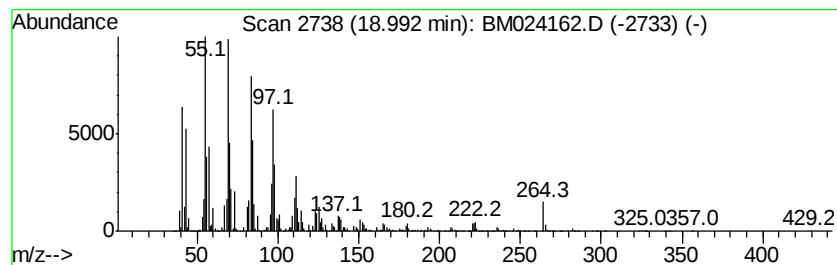
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Peak Number 3 Oleic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	86.32 ng/ul	31543700	Chrysene-d12	21.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oleic Acid	282 C18H34O2	000112-80-1	91
2	9-Octadecenoic acid, (E)-	282 C18H34O2	000112-79-8	83
3	Cyclododecane	168 C12H24	000294-62-2	80
4	Oleic Acid	282 C18H34O2	000112-80-1	80
5	1-Dodecanol	186 C12H26O	000112-53-8	72



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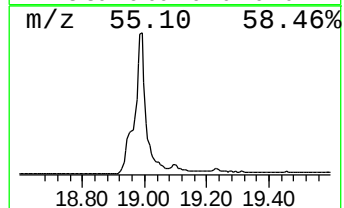
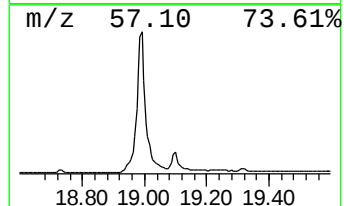
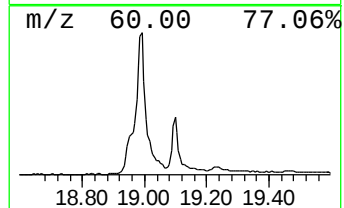
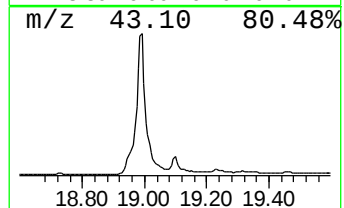
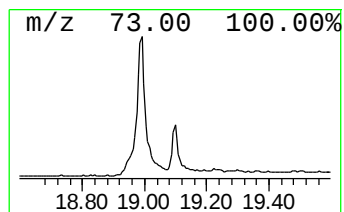
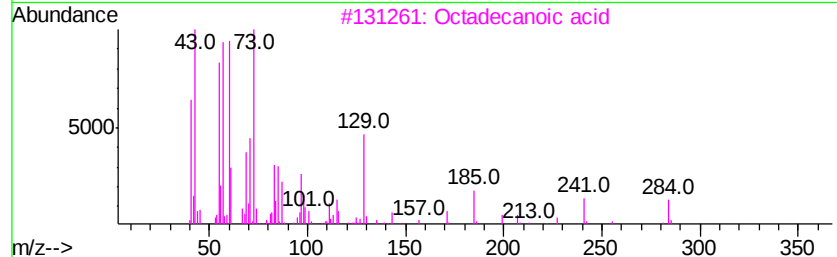
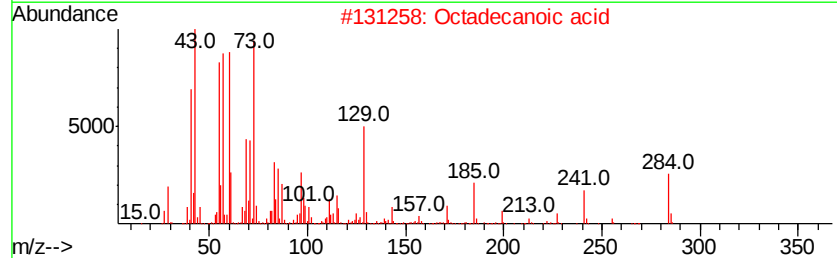
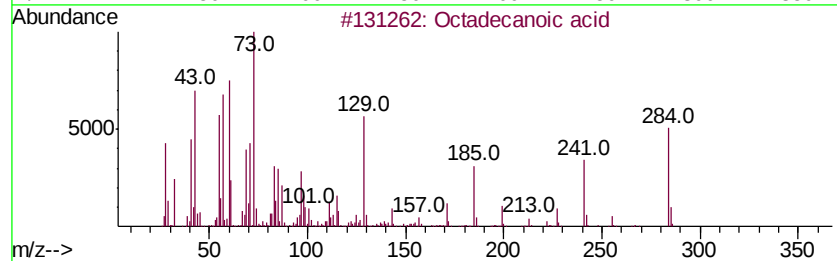
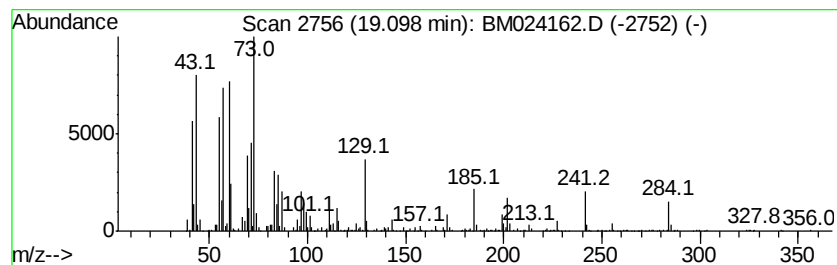
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	4.51 ng/ul	1646480	Chrysene-d12	21.08

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	95
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5			Octadecanoic acid	284	C18H36O2	000057-11-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024162.D
Acq On : 18 Dec 2019 21:00
Operator : JU
Sample : K6171-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

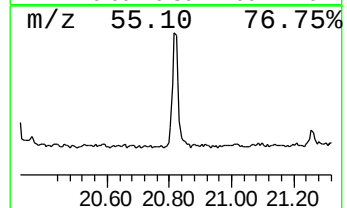
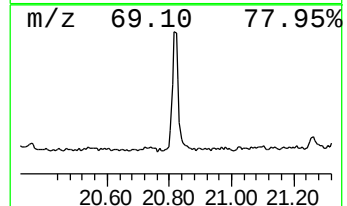
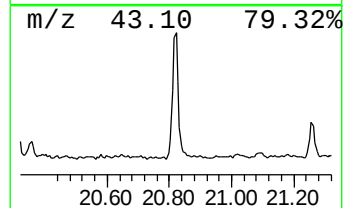
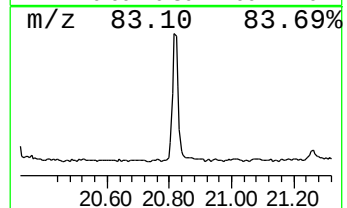
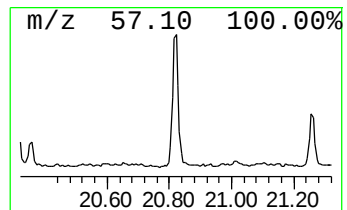
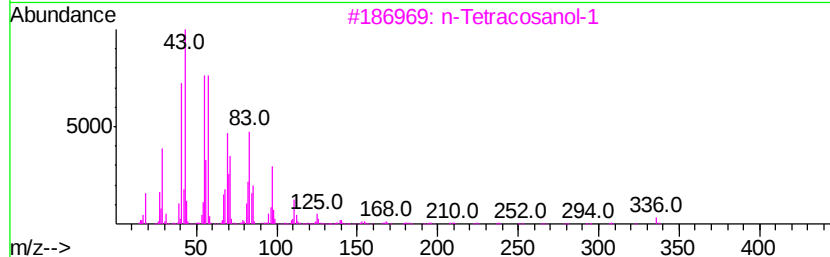
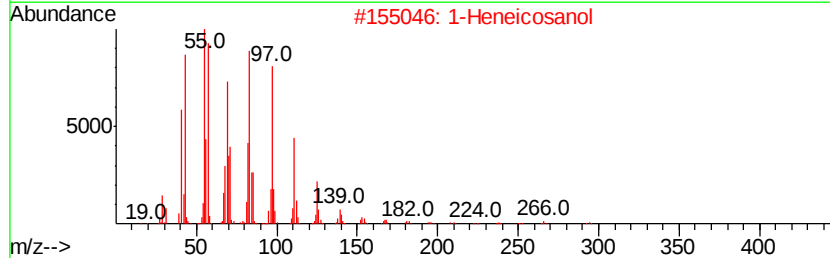
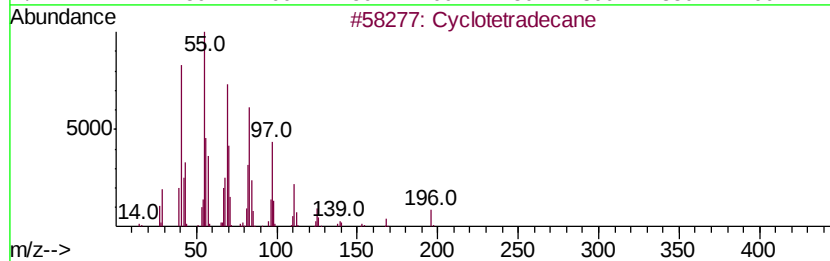
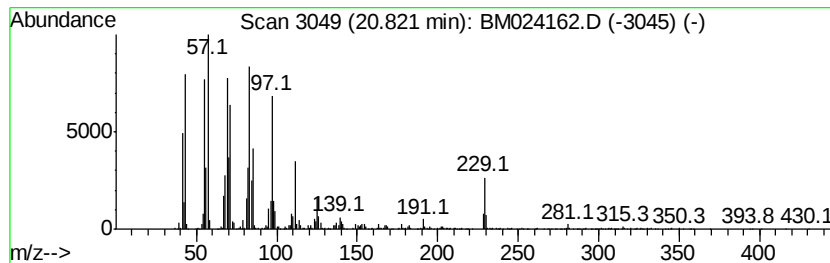
Instrument :
BNA_M
ClientSampleId :
C0BS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.82 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.82	4.31 ng/ul	1574730	Chrysene-d12		21.08
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvcclotetradecane	196	C14H28	000295-17-0	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
5	1-Heptacosanol	396	C27H56O	002004-39-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121719\
Data File : BM024162.D
Acq On : 18 Dec 2019 21:00
Operator : JU
Sample : K6171-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
9-octadecanoic ac...	17.73	4.6	ng/ul	1277350	4	16.86	5568730	20.0
n-Hexadecanoic acid	17.80	13.4	ng/ul	3741560	4	16.86	5568730	20.0
Oleic Acid	18.99	86.3	ng/ul	31543700	5	21.08	7308790	20.0
Octadecanoic acid	19.10	4.5	ng/ul	1646480	5	21.08	7308790	20.0
(DEL) Alkane: Cyc...	20.82	4.3	ng/ul	1574730	5	21.08	7308790	20.0