

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
 Data File : BM016104.D
 Acq On : 27 Jul 2018 16:00
 Operator : SJ/JU
 Sample : J4172-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0D01

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BM071318MA.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	3.464	26	30	37	rVB	16537	23454	1.79%	0.139%
2	7.357	687	692	711	rVB	297404	510131	39.00%	3.025%
3	7.528	715	721	733	rBV	257450	400559	30.63%	2.375%
4	7.728	749	755	770	rBV	368973	608484	46.52%	3.608%
5	8.204	829	836	847	rVB	325625	545858	41.73%	3.237%
6	8.916	952	957	970	rBV	380476	644460	49.27%	3.822%
7	9.387	1031	1037	1052	rBV	351957	602990	46.10%	3.576%
8	10.110	1154	1160	1172	rBV	328796	544897	41.66%	3.231%
9	10.646	1245	1251	1271	rBV	431736	741797	56.72%	4.399%
10	11.022	1308	1315	1323	rBV	456113	753120	57.58%	4.466%
11	11.169	1334	1340	1350	rBV	388604	662496	50.65%	3.929%
12	12.381	1540	1546	1553	rBB	24536	35301	2.70%	0.209%
13	13.616	1750	1756	1761	rBB2	11424	16257	1.24%	0.096%
14	14.233	1855	1861	1866	rBV	744427	981005	75.00%	5.817%
15	14.281	1866	1869	1876	rVB	46457	60456	4.62%	0.359%
16	14.528	1905	1911	1921	rBV	808146	1154881	88.30%	6.849%
17	14.833	1956	1963	1971	rBB2	577300	874441	66.86%	5.186%
18	15.051	1995	2000	2019	rBV2	102567	235936	18.04%	1.399%
19	15.816	2124	2130	2138	rBV	935182	1307921	100.00%	7.756%
20	15.957	2148	2154	2163	rBV	169724	241108	18.43%	1.430%
21	17.563	2421	2427	2435	rBV	594872	838224	64.09%	4.971%
22	17.657	2437	2443	2455	rBV	845488	1200405	91.78%	7.119%
23	18.404	2565	2570	2579	rBV	81845	112995	8.64%	0.670%
24	19.663	2780	2784	2788	rBV2	29955	38952	2.98%	0.231%
25	19.815	2805	2810	2813	rBV3	7752	13804	1.06%	0.082%
26	19.921	2823	2828	2835	rBV	839047	1064114	81.36%	6.310%
27	20.398	2907	2909	2915	rVB2	15485	18745	1.43%	0.111%
28	20.804	2975	2978	2982	rVB	43300	46497	3.56%	0.276%
29	20.892	2990	2993	2997	rVB3	26335	28880	2.21%	0.171%
30	21.351	3067	3071	3080	rBV	79121	140476	10.74%	0.833%
31	21.680	3122	3127	3132	rBV	558323	713649	54.56%	4.232%
32	21.780	3141	3144	3147	rVB	37974	41726	3.19%	0.247%
33	22.227	3218	3220	3223	rVB3	36627	35296	2.70%	0.209%
34	23.892	3497	3503	3510	rVB	507156	942217	72.04%	5.587%

LSC Area Percent Report

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	24.039	3522	3528	3537	rVB	339576	681491	52.10%	4.041%
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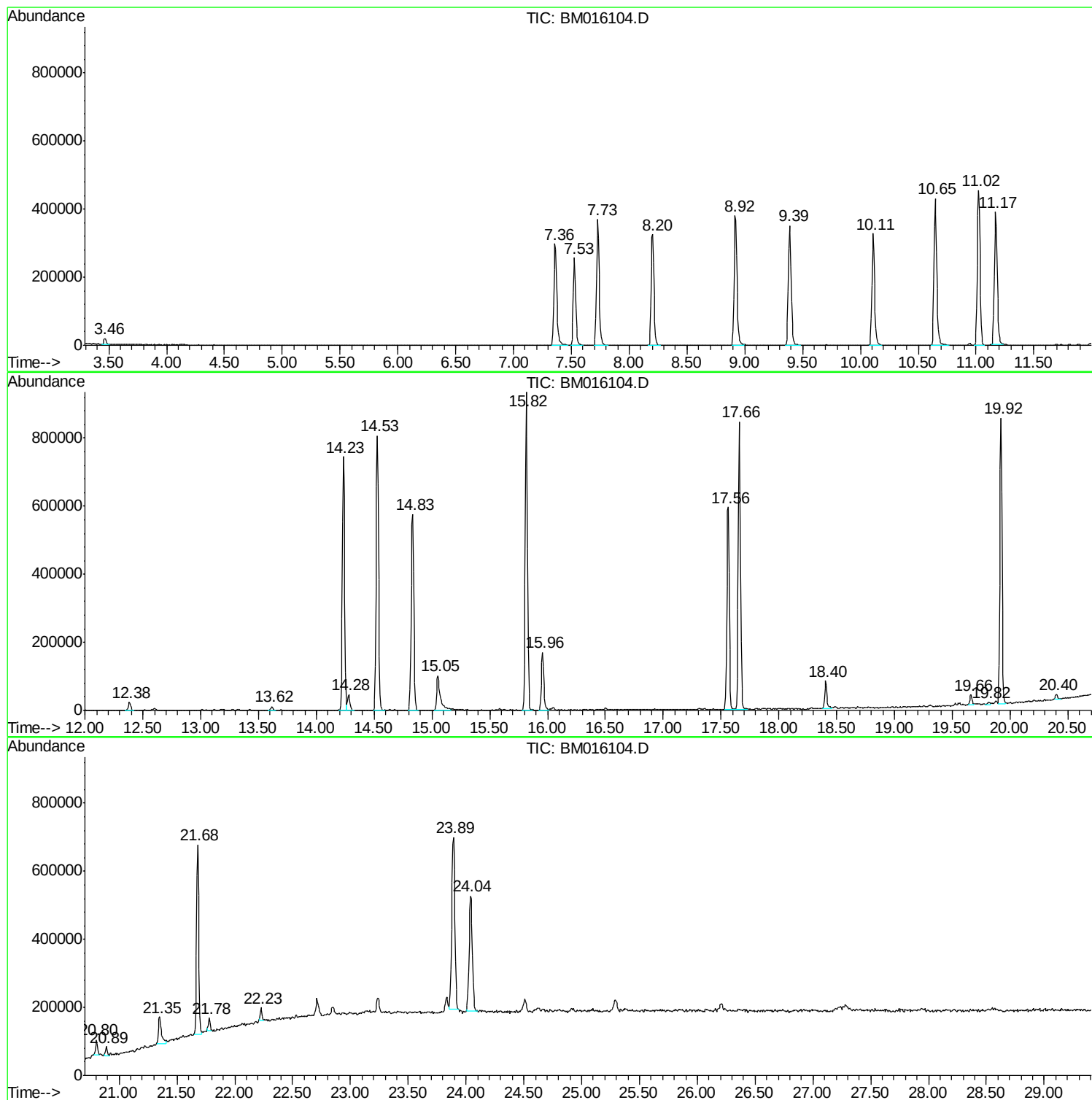
Sum of corrected areas: 16863023

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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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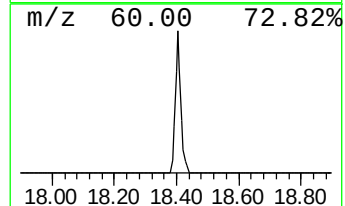
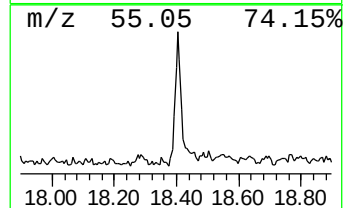
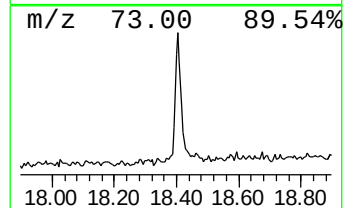
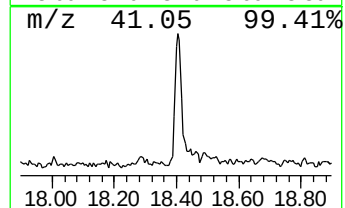
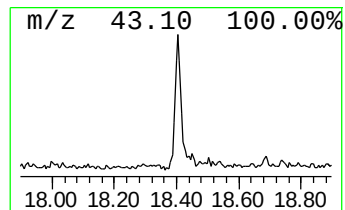
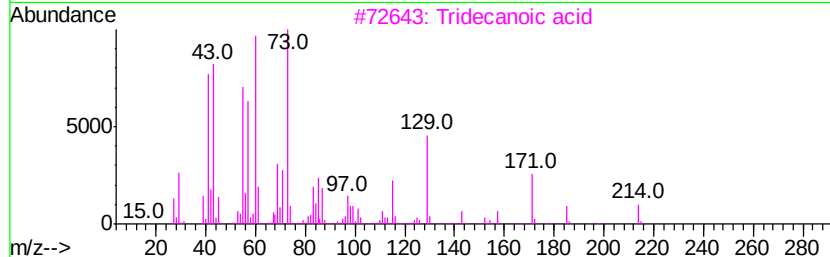
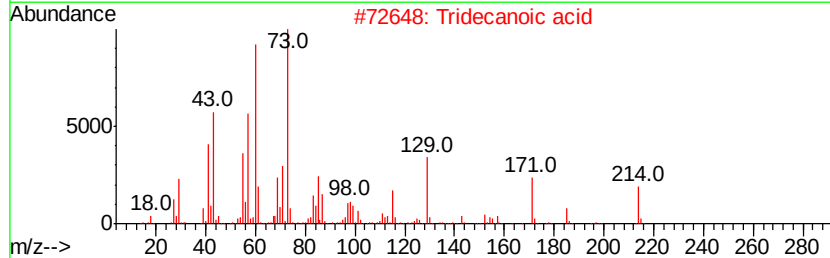
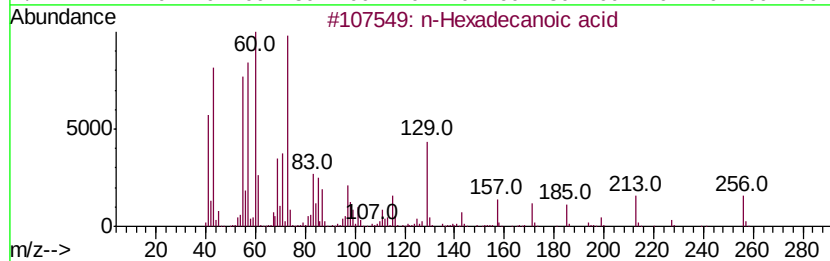
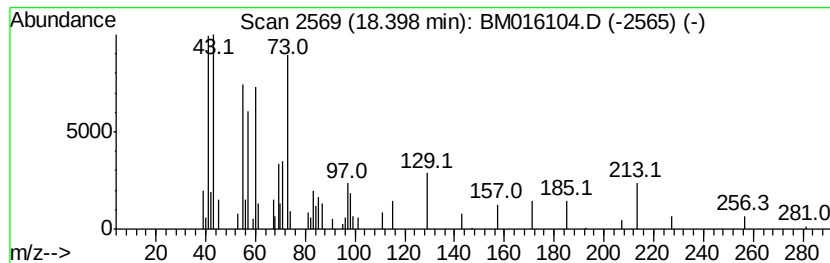
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.40	2.70 ng/ul	112995	Phenanthrene-d10	17.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	76
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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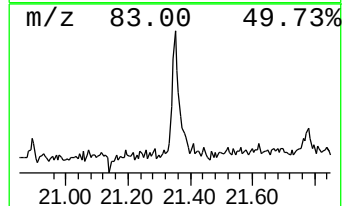
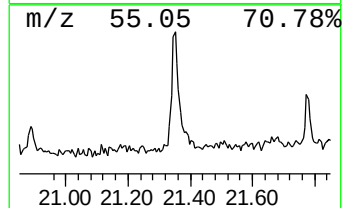
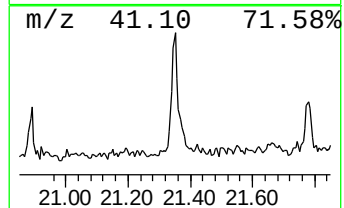
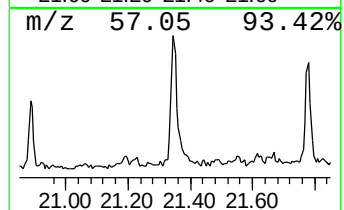
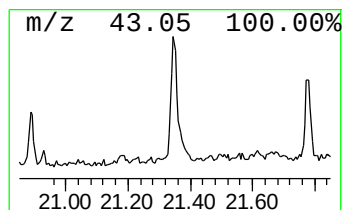
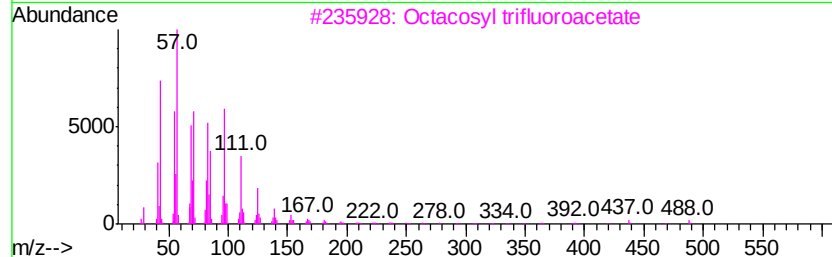
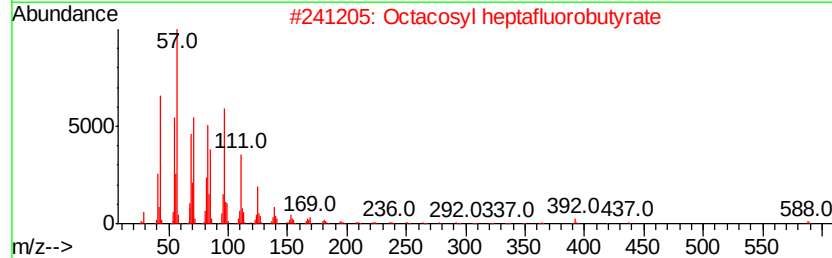
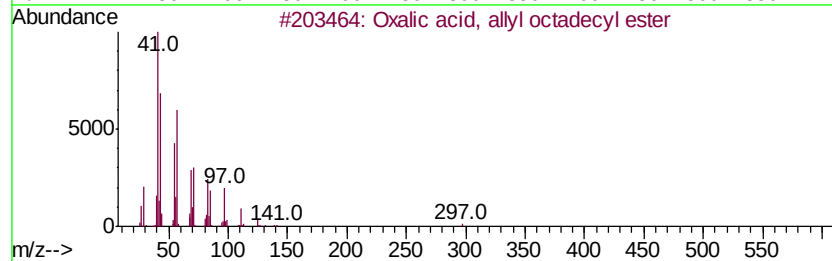
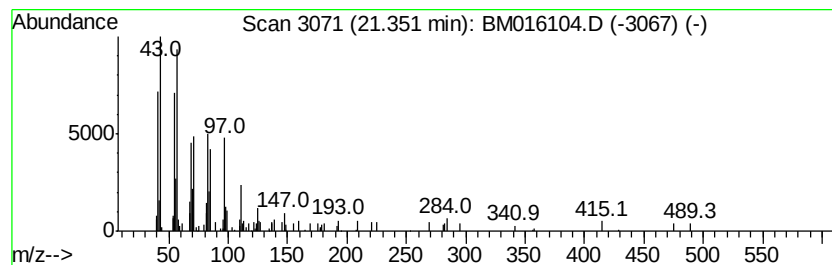
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Peak Number 2 Oxalic acid, allyl octadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.94 ng/ul	140476	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	87
2		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	83
3		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	83
4		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	80
5		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	2.7	ng/ul	112995	4	17.56	838224	20.0
Oxalic acid, ally...	21.35	3.9	ng/ul	140476	5	21.68	713649	20.0