

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
 Data File : BM016152.D
 Acq On : 01 Aug 2018 23:03
 Operator : SJ/JU
 Sample : J4171-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JJ1K5

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	3.457	26	29	40	rVB	12597	20260	1.08%	0.095%
2	7.351	686	691	708	rBV	295291	519121	27.74%	2.432%
3	7.516	713	719	732	rVV	209524	330445	17.66%	1.548%
4	7.716	748	753	769	rBV	286129	494478	26.42%	2.317%
5	8.192	829	834	841	rBV	224255	370353	19.79%	1.735%
6	8.910	951	956	971	rBV	335904	559971	29.92%	2.624%
7	9.380	1030	1036	1050	rBV	290520	501415	26.79%	2.349%
8	10.098	1153	1158	1174	rBB	264834	474431	25.35%	2.223%
9	10.639	1244	1250	1271	rBB	379605	668940	35.74%	3.134%
10	11.010	1307	1313	1321	rBV	330876	552782	29.53%	2.590%
11	11.163	1332	1339	1354	rBV	316116	578815	30.93%	2.712%
12	14.227	1854	1860	1864	rBV	791752	1022806	54.65%	4.792%
13	14.274	1864	1868	1873	rVB	80794	113128	6.04%	0.530%
14	14.515	1903	1909	1917	rBV	771486	1129417	60.34%	5.292%
15	14.821	1955	1961	1970	rVB2	511409	737221	39.39%	3.454%
16	15.033	1993	1997	2017	rBV	226414	446410	23.85%	2.092%
17	15.810	2123	2129	2139	rVB	1066777	1469775	78.53%	6.887%
18	15.945	2148	2152	2163	rBV	312535	462915	24.73%	2.169%
19	17.551	2419	2425	2431	rBV	689849	934957	49.95%	4.381%
20	17.651	2436	2442	2454	rVB	1166413	1596471	85.30%	7.480%
21	18.274	2543	2548	2553	rBV3	28591	41207	2.20%	0.193%
22	18.403	2564	2570	2580	rBV	357590	497180	26.56%	2.330%
23	19.533	2754	2762	2769	rBV4	28194	84763	4.53%	0.397%
24	19.656	2778	2783	2795	rBV	208179	300096	16.03%	1.406%
25	19.915	2821	2827	2834	rBV	1421925	1871656	100.00%	8.770%
26	20.392	2904	2908	2913	rBV3	18780	21119	1.13%	0.099%
27	20.880	2988	2991	2997	rBV5	22311	29422	1.57%	0.138%
28	21.350	3066	3071	3081	rBV3	152121	306410	16.37%	1.436%
29	21.433	3081	3085	3089	rBV	72996	81734	4.37%	0.383%
30	21.674	3121	3126	3131	rBV	918005	1152462	61.57%	5.400%
31	21.768	3139	3142	3148	rBV	38230	51395	2.75%	0.241%
32	22.033	3184	3187	3194	rBV	48577	64661	3.45%	0.303%
33	22.221	3215	3219	3222	rBV2	60280	75539	4.04%	0.354%
34	22.697	3297	3300	3305	rVB2	72965	100428	5.37%	0.471%

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35	22.838	3319	3324	3330	rBV	320460	435256	23.26%	2.039%
36	23.227	3386	3390	3397	rVB2	114116	169043	9.03%	0.792%
37	23.815	3486	3490	3494	rBV	99871	168938	9.03%	0.792%
38	23.880	3494	3501	3512	rVB	877267	1721328	91.97%	8.065%
39	24.027	3520	3526	3536	rVB2	494821	998936	53.37%	4.681%
40	24.491	3601	3605	3612	rVB	96676	186449	9.96%	0.874%

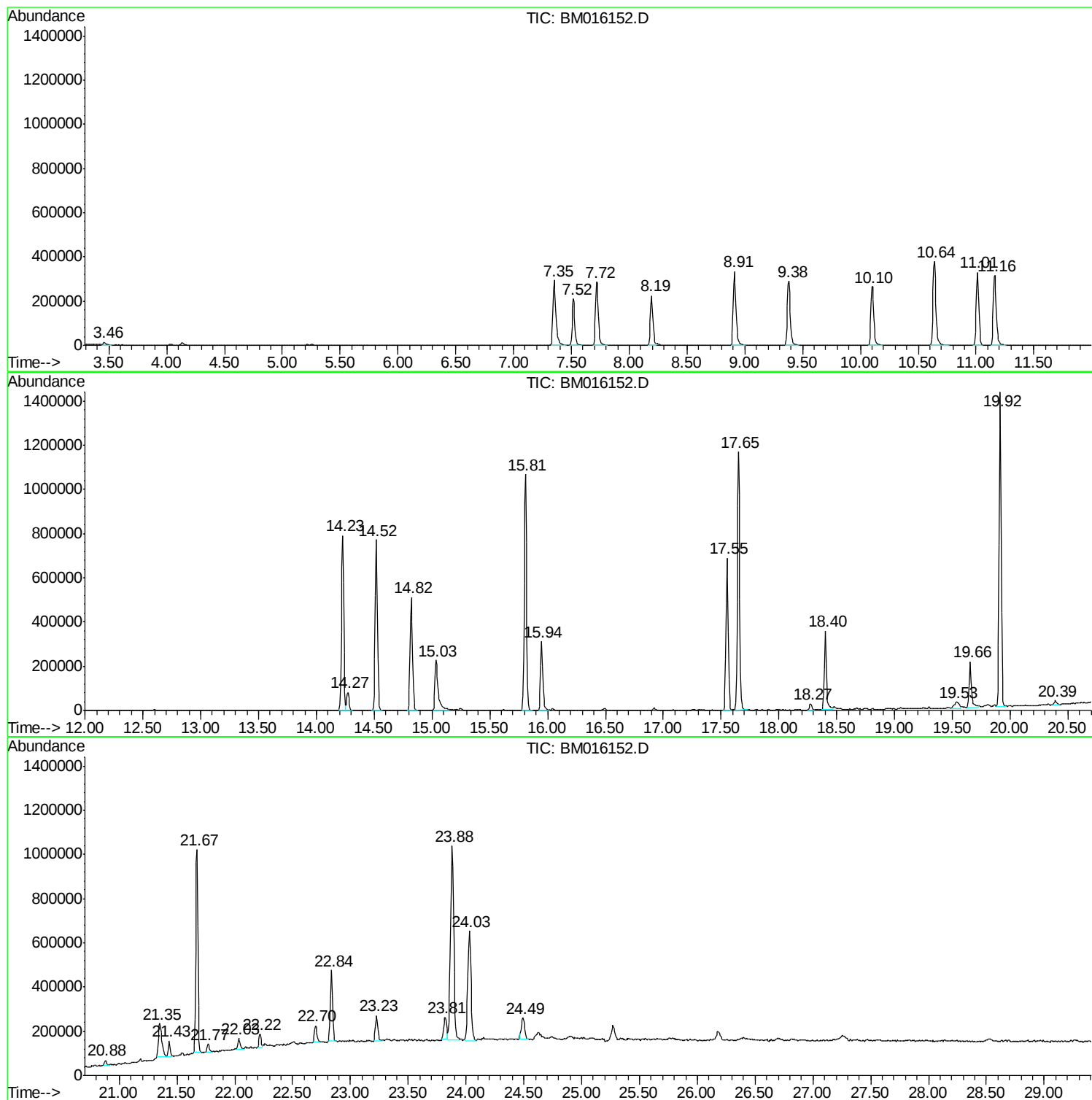
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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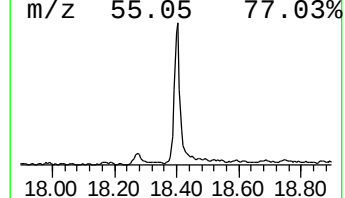
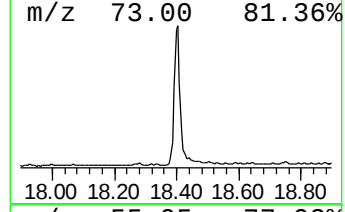
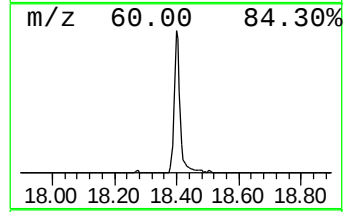
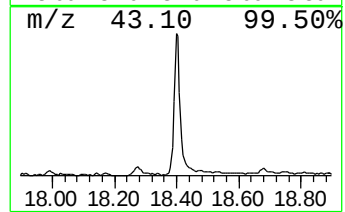
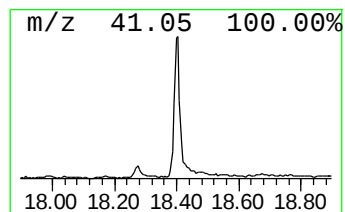
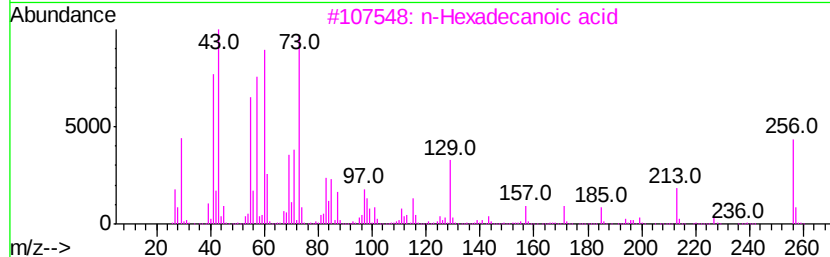
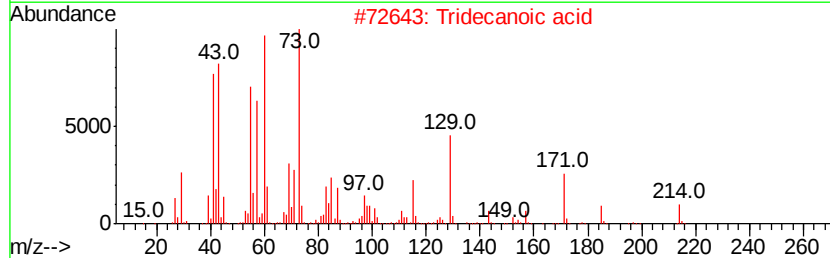
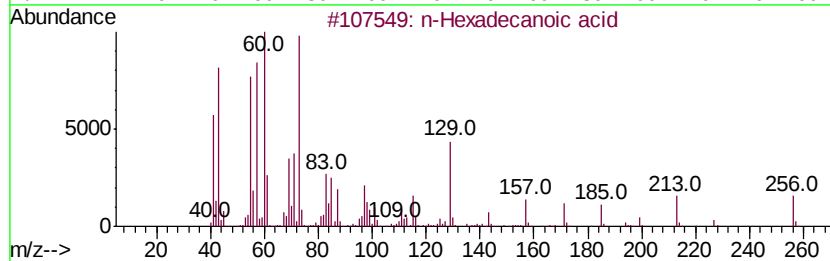
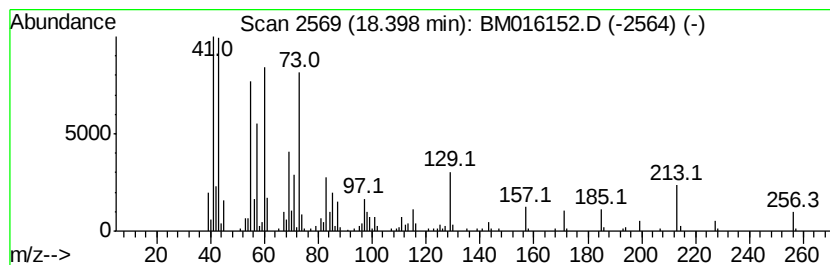
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	10.64 ng/ul	497180	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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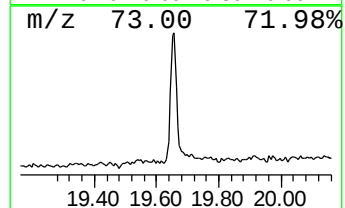
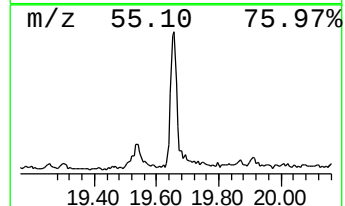
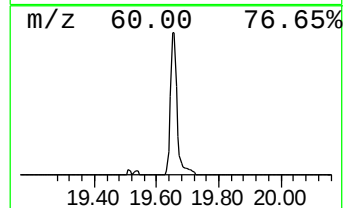
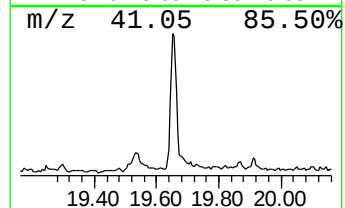
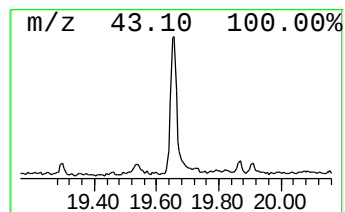
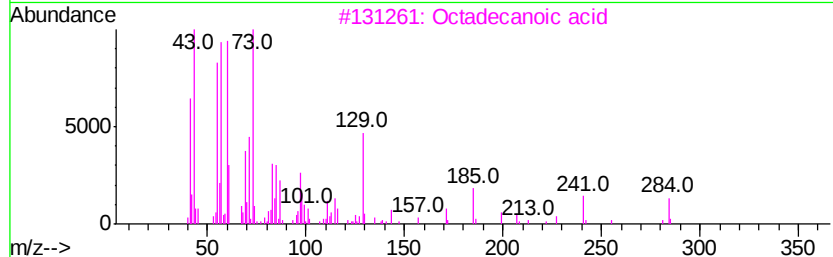
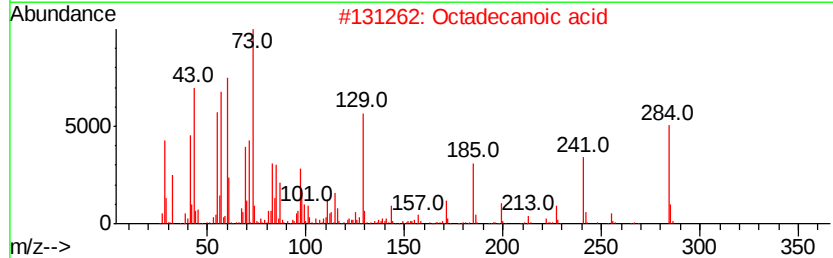
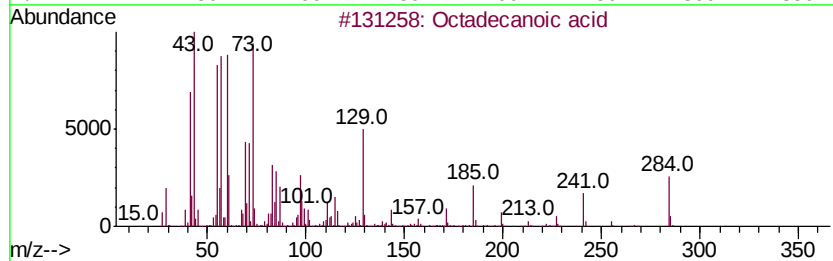
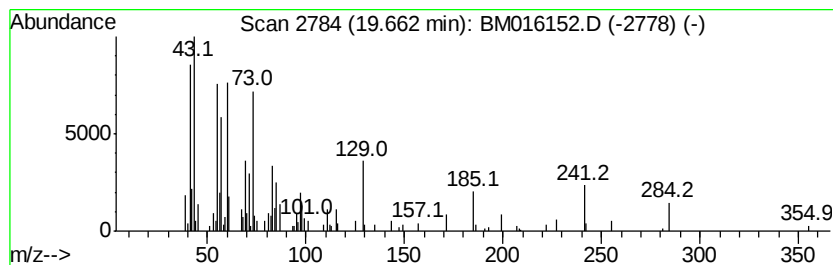
Instrument :
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	5.21 ng/ul	300096	Chrysene-d12	21.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	98
2	Octadecanoic acid	284 C18H36O2	000057-11-4	98
3	Octadecanoic acid	284 C18H36O2	000057-11-4	96
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	92
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	68



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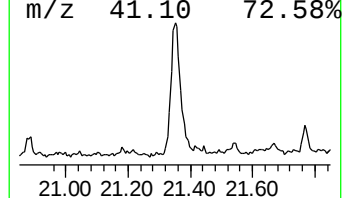
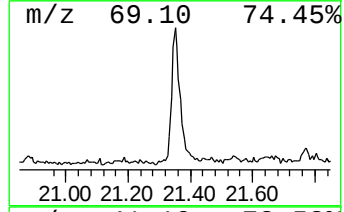
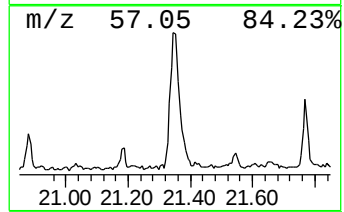
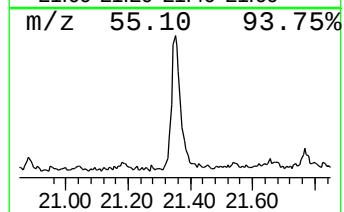
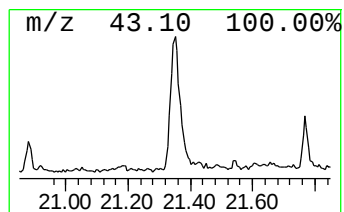
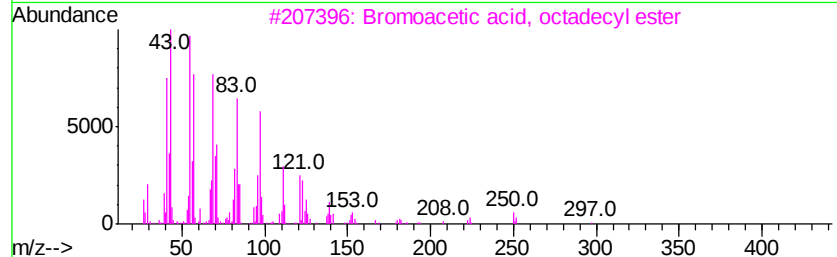
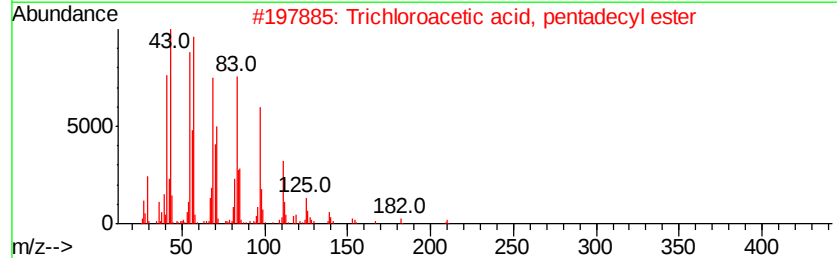
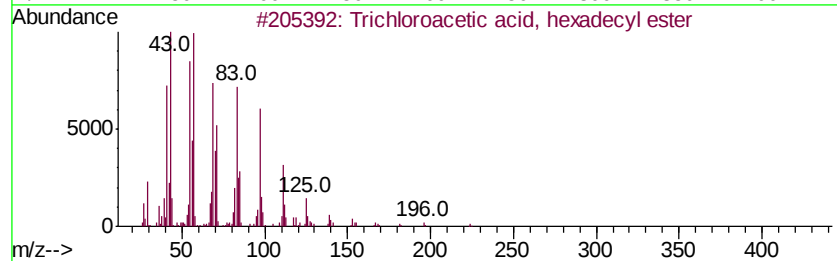
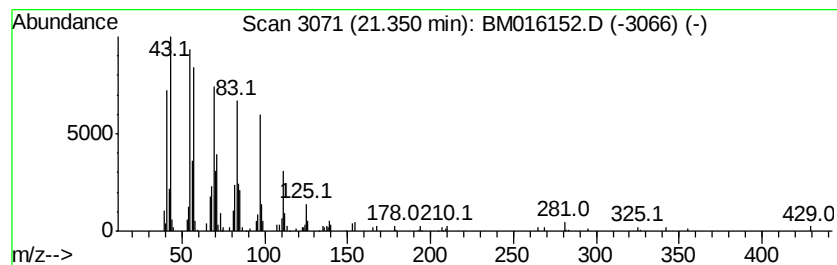
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.32 ng/ul	306410	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91



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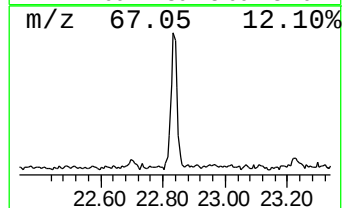
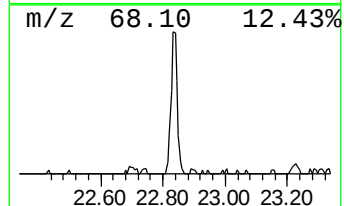
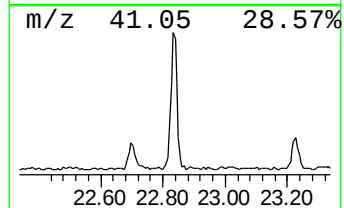
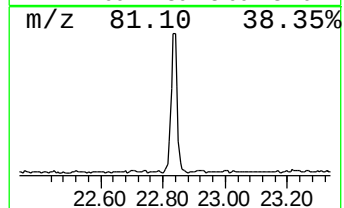
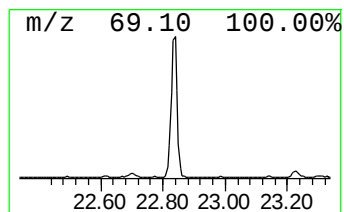
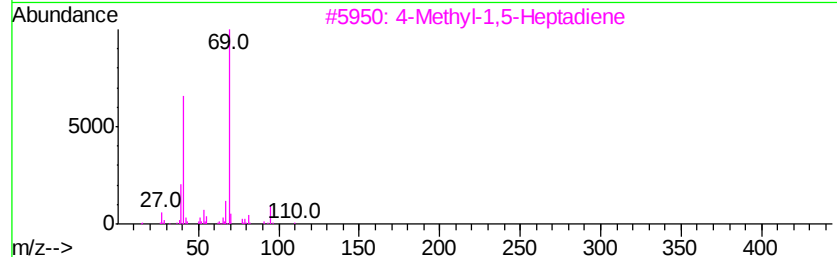
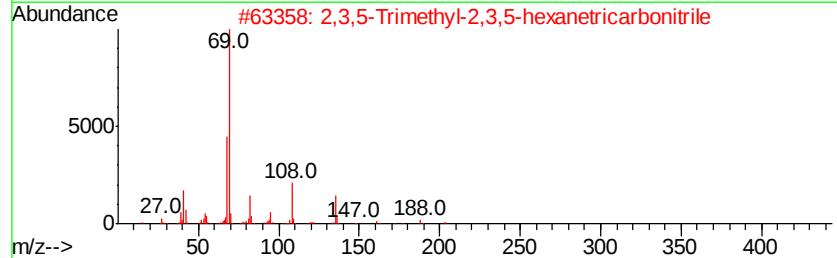
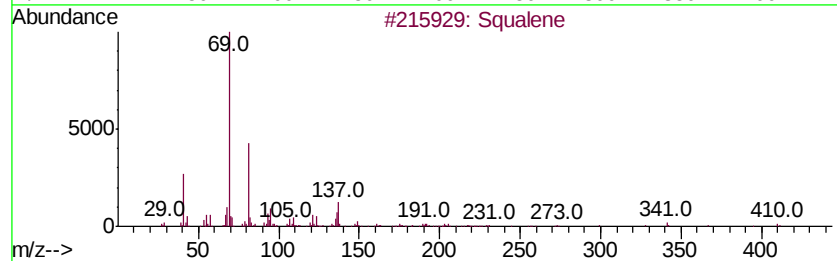
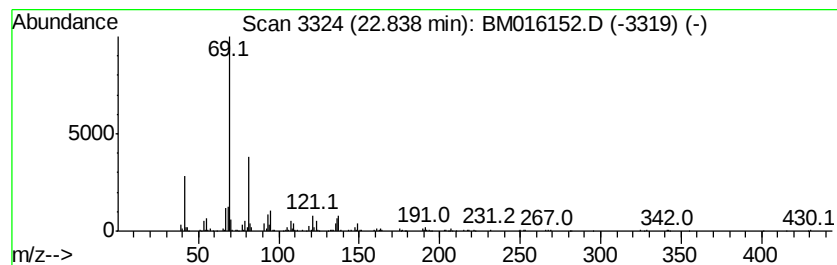
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Peak Number 4 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	7.55 ng/ul	435256	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	78
2		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
3		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	58
4		Bis(3-methylbut-3-enyl) phthalate	302	C18H22O4	022711-53-1	53
5		Cyclopropanecarboxylic acid, 4-i...	204	C13H16O2	1000331-01-9	53



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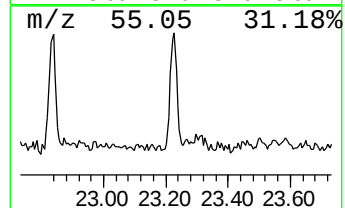
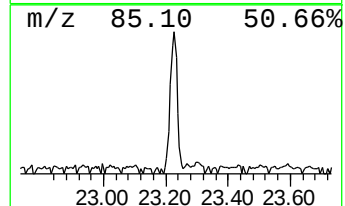
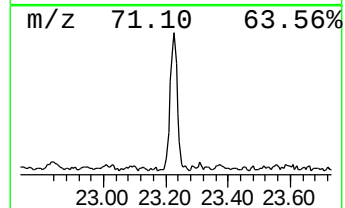
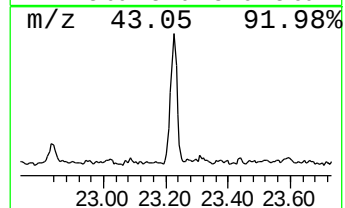
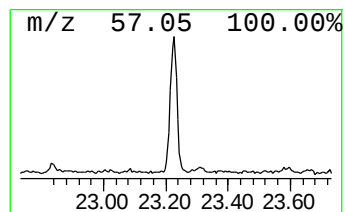
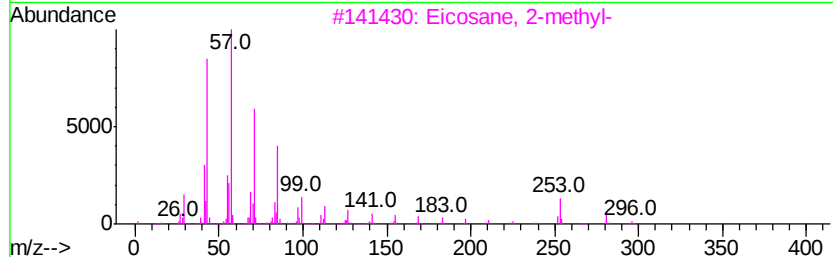
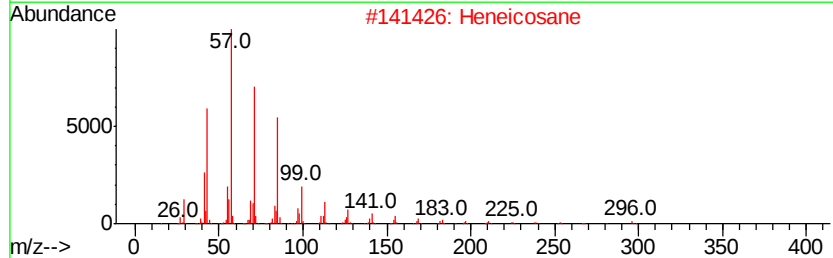
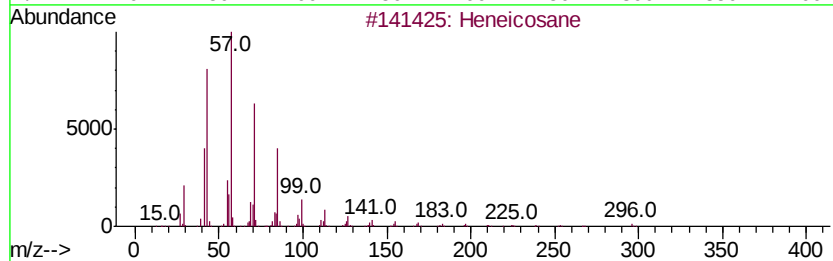
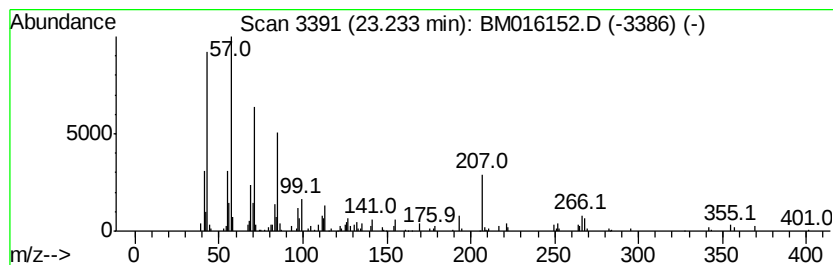
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	3.38 ng/ul	169043	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heneicosane	296	C21H44	000629-94-7	98
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	96
4		Nonadecane	268	C19H40	000629-92-5	96
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016152.D
Acq On : 01 Aug 2018 23:03
Operator : SJ/JU
Sample : J4171-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ1K5

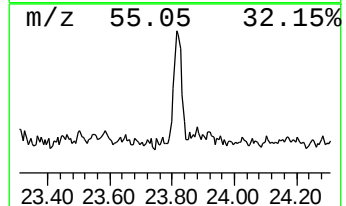
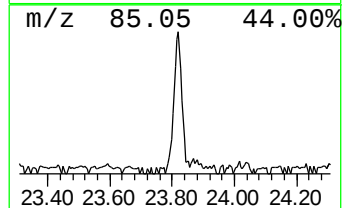
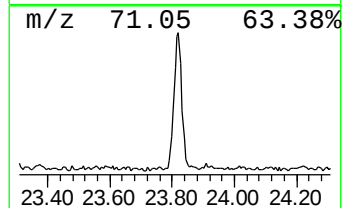
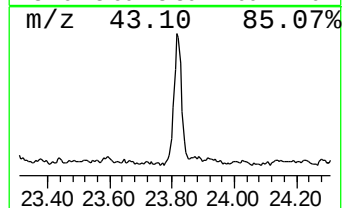
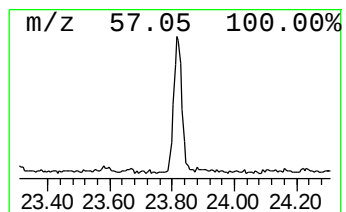
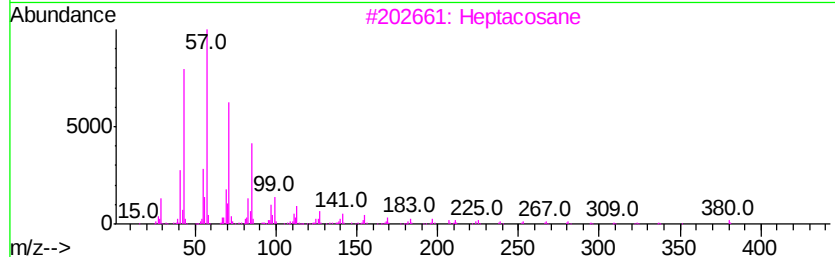
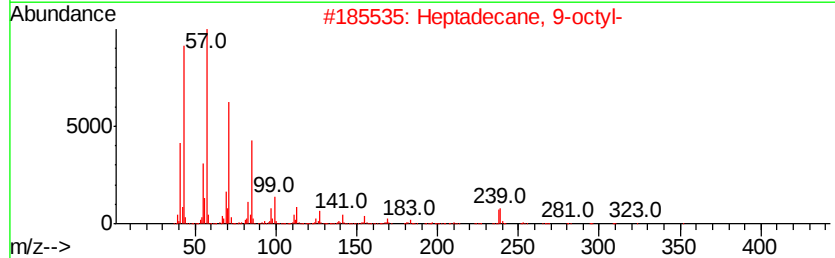
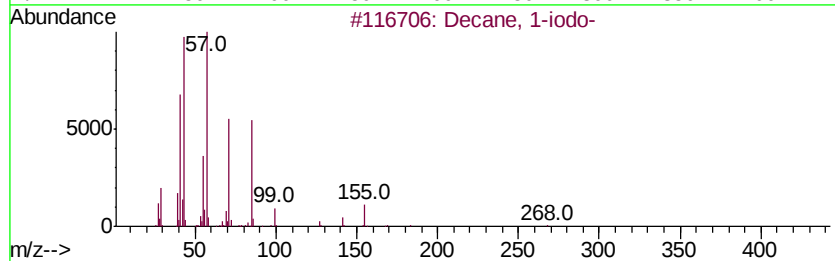
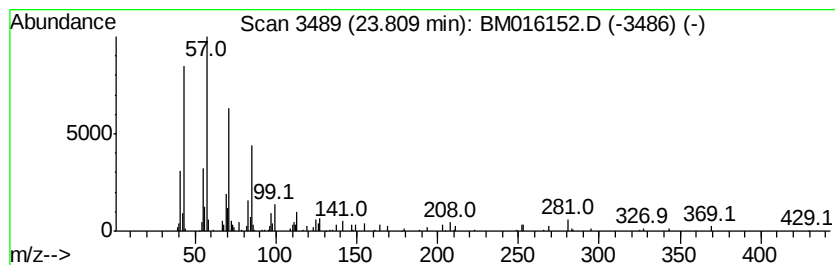
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Decane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	3.38 ng/ul	168938	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1-iodo-	268	C10H21I	002050-77-3	89
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016152.D
Acq On : 01 Aug 2018 23:03
Operator : SJ/JU
Sample : J4171-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ1K5

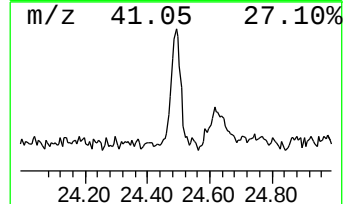
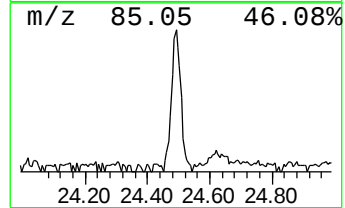
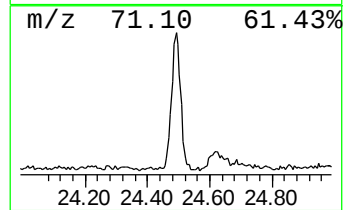
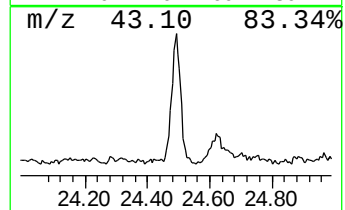
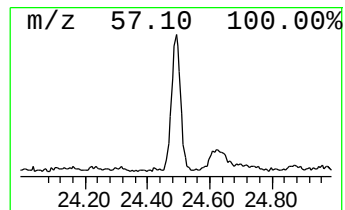
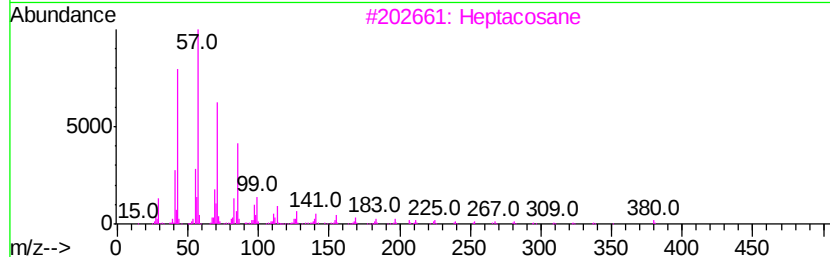
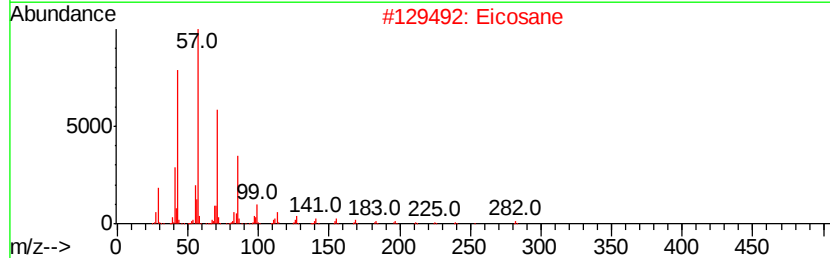
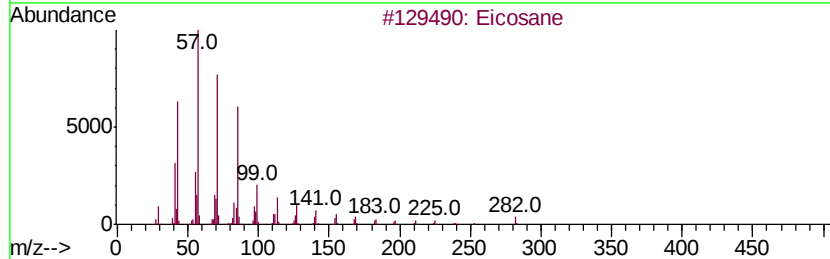
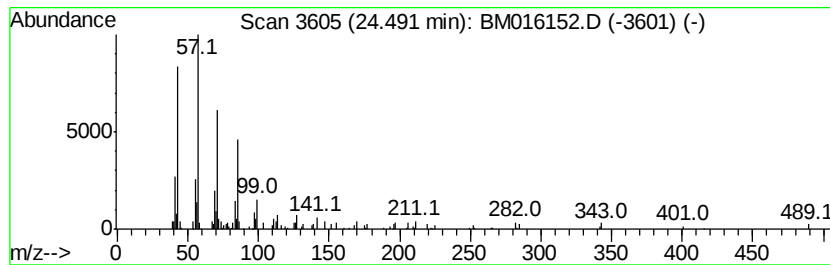
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	3.73 ng/ul	186449	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	93
3		Heptacosane	380	C27H56	000593-49-7	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080118\
Data File : BM016152.D
Acq On : 01 Aug 2018 23:03
Operator : SJ/JU
Sample : J4171-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ1K5

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	10.6	ng/ul	497180	4	17.55	934957	20.0
Octadecanoic acid	19.66	5.2	ng/ul	300096	5	21.67	1152460	20.0
Trichloroacetic a...	21.35	5.3	ng/ul	306410	5	21.67	1152460	20.0
Squalene	22.84	7.5	ng/ul	435256	5	21.67	1152460	20.0
(DEL) Alkane: Str...	23.23	3.4	ng/ul	169043	6	24.03	998936	20.0
Decane, 1-iodo-	23.81	3.4	ng/ul	168938	6	24.03	998936	20.0
(DEL) Alkane: Str...	24.49	3.7	ng/ul	186449	6	24.03	998936	20.0