

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
 Data File : BM015951.D
 Acq On : 13 Jul 2018 19:40
 Operator : SJ/JU
 Sample : J3937-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEMG1

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	7.428	699	704	716	rBV2	57266	123490	4.33%	0.486%
2	7.581	724	730	745	rBV	251030	403649	14.16%	1.587%
3	7.787	760	765	778	rBV	271478	482263	16.91%	1.896%
4	8.263	840	846	859	rBV	235685	403840	14.16%	1.588%
5	8.981	962	968	980	rBV	189713	338078	11.86%	1.329%
6	9.451	1042	1048	1062	rBV	361635	640405	22.46%	2.518%
7	10.175	1165	1171	1186	rBV	339775	585166	20.52%	2.301%
8	10.710	1257	1262	1275	rBV	434590	789077	27.67%	3.102%
9	11.086	1320	1326	1337	rBV	367610	617309	21.65%	2.427%
10	11.251	1350	1354	1362	rBV2	18941	37811	1.33%	0.149%
11	14.292	1865	1871	1875	rBV	977592	1355013	47.52%	5.327%
12	14.333	1875	1878	1887	rVB	257445	353153	12.39%	1.388%
13	14.586	1914	1921	1936	rBV	1051499	1485825	52.11%	5.842%
14	14.886	1966	1972	1981	rBV2	574119	856690	30.05%	3.368%
15	15.121	2007	2012	2024	rBV3	32317	84235	2.95%	0.331%
16	15.874	2133	2140	2147	rBV	1351995	1909625	66.97%	7.508%
17	16.004	2157	2162	2176	rBV	481341	692852	24.30%	2.724%
18	17.615	2431	2436	2445	rVB	766791	1074574	37.69%	4.225%
19	17.715	2447	2453	2463	rVV	1503864	2102326	73.73%	8.266%
20	18.456	2574	2579	2589	rBV	257417	366312	12.85%	1.440%
21	19.709	2787	2792	2806	rBV	260807	404311	14.18%	1.590%
22	19.974	2831	2837	2846	rBV	1991168	2551506	89.49%	10.032%
23	21.403	3075	3080	3087	rBV6	67622	150880	5.29%	0.593%
24	21.733	3131	3136	3144	rVB	1116767	1425900	50.01%	5.606%
25	21.827	3150	3152	3157	rVB	52818	57035	2.00%	0.224%
26	22.286	3226	3230	3234	rVB	110811	131369	4.61%	0.517%
27	22.768	3309	3312	3318	rVB	187619	253207	8.88%	0.996%
28	23.309	3399	3404	3412	rVB	246658	384167	13.47%	1.510%
29	23.909	3502	3506	3510	rBV	251334	396649	13.91%	1.559%
30	23.974	3510	3517	3525	rVB	1543866	2851280	100.00%	11.210%
31	24.121	3536	3542	3553	rVB2	729254	1461302	51.25%	5.745%
32	24.597	3618	3623	3630	rVB	211043	397412	13.94%	1.562%
33	25.397	3754	3759	3770	rVB	124328	267708	9.39%	1.053%

LSC Area Percent Report

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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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Integration Parameters: LSCINT.P
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

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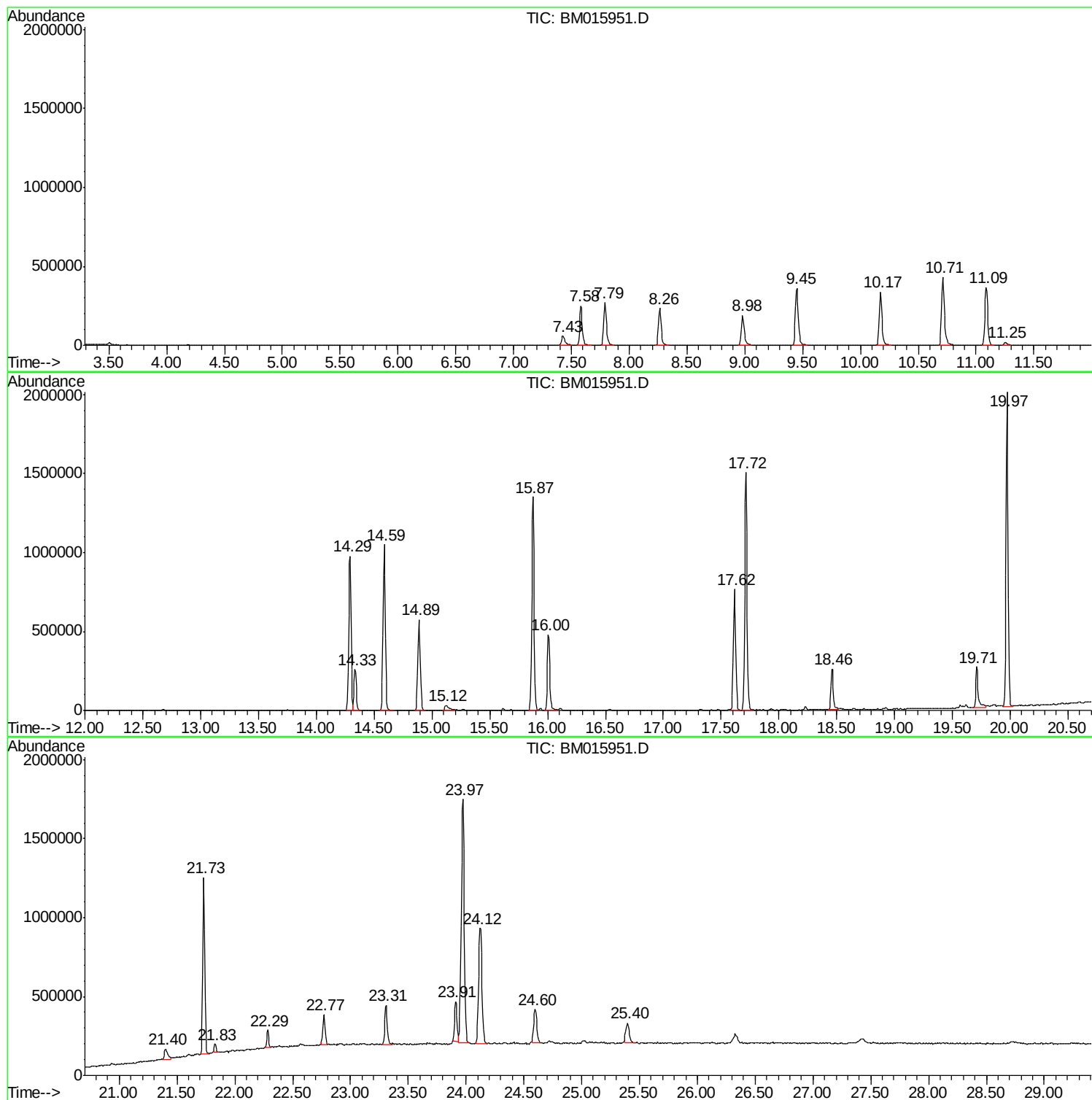
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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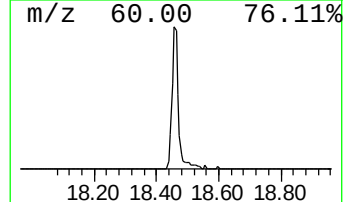
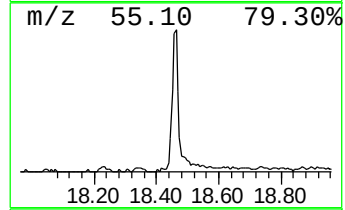
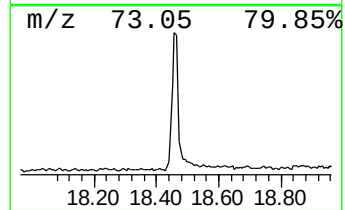
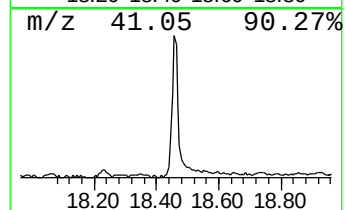
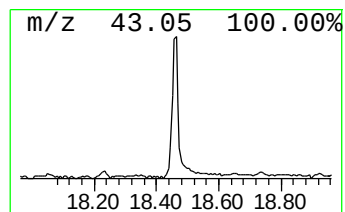
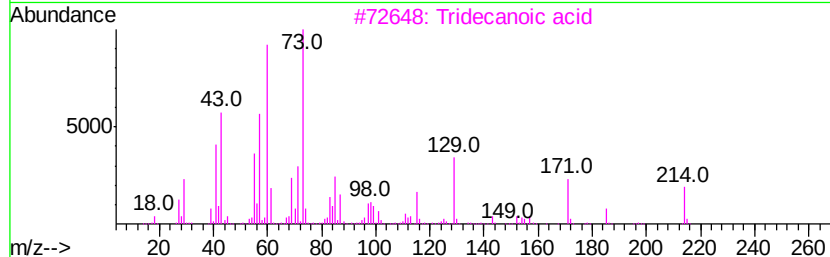
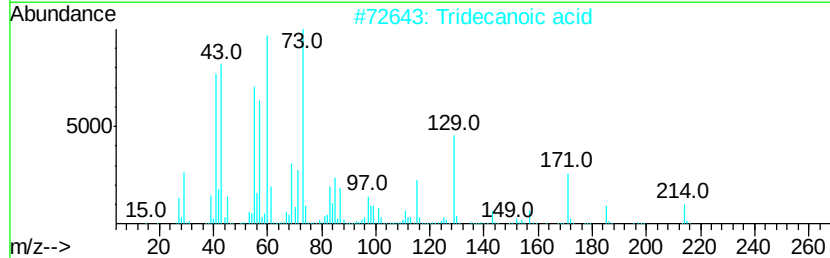
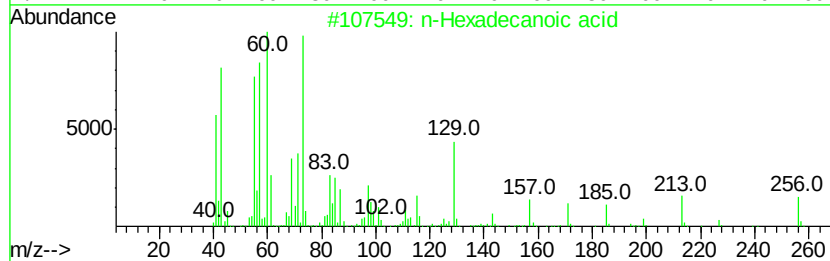
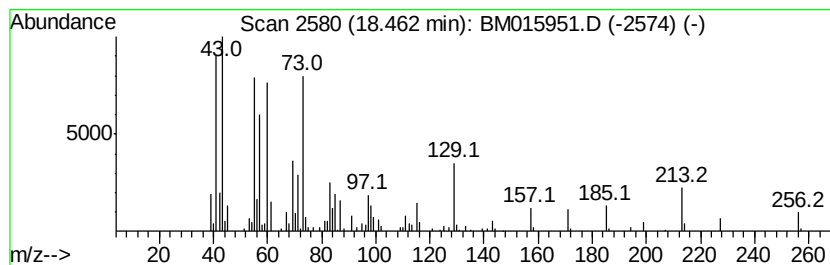
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Quant Title : SVOA CALIBRATION

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.		
18.46	6.82 ng/ul	366312	Phenanthrene-d10	17.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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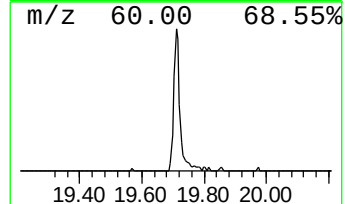
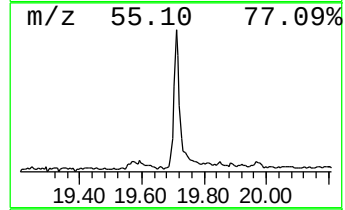
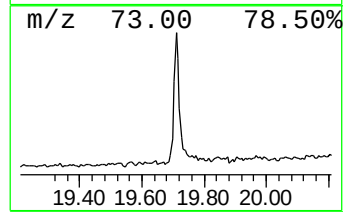
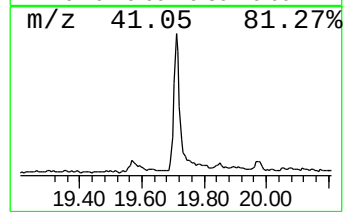
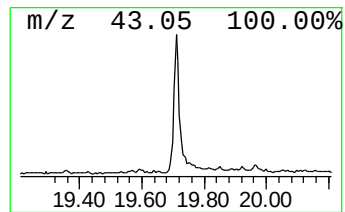
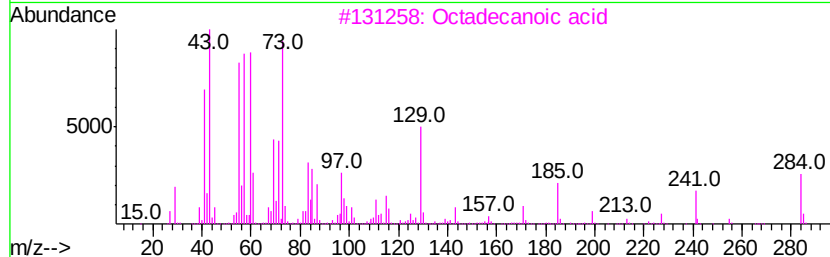
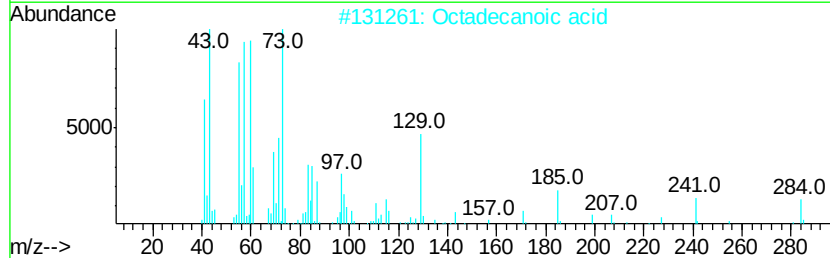
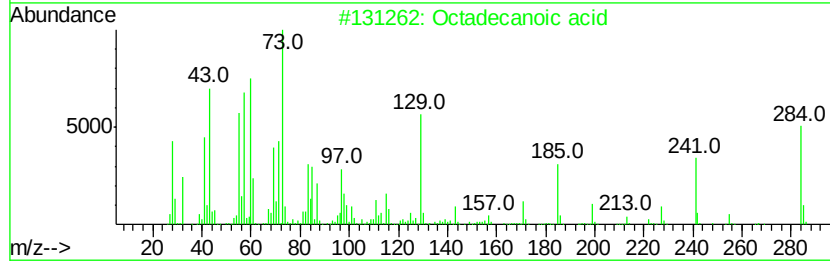
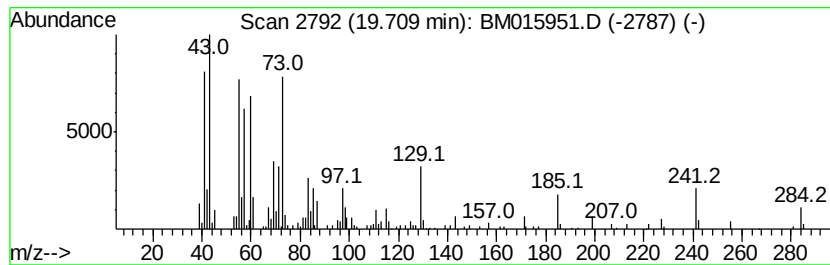
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	5.67 ng/ul	404311	Chrysene-d12	21.73

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	94
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	89



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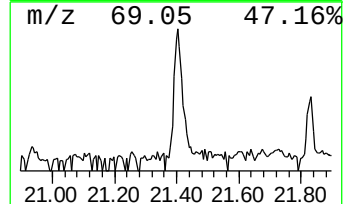
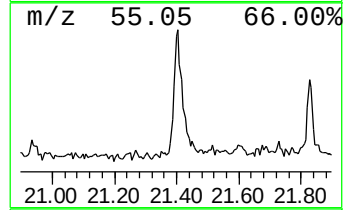
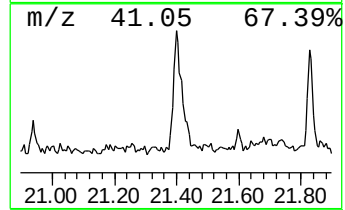
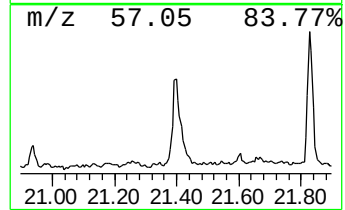
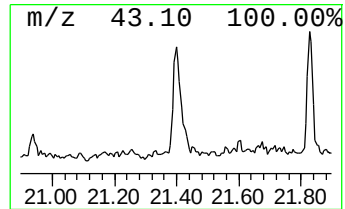
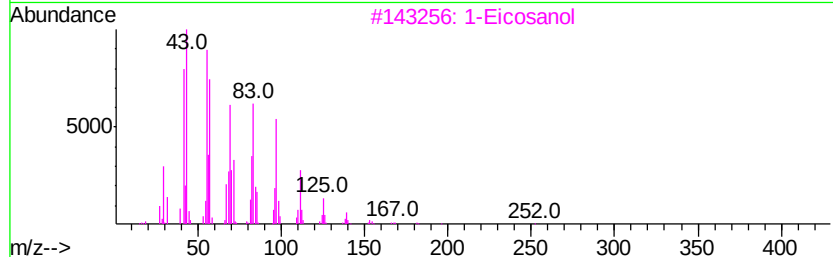
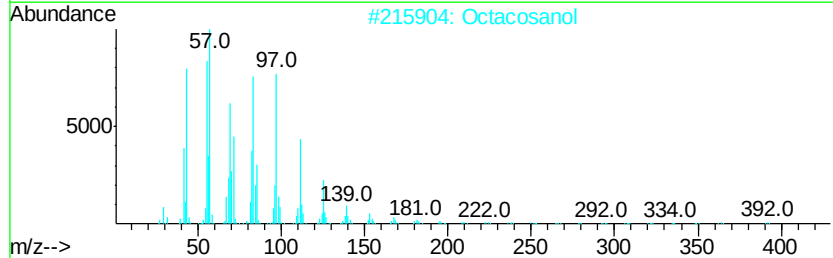
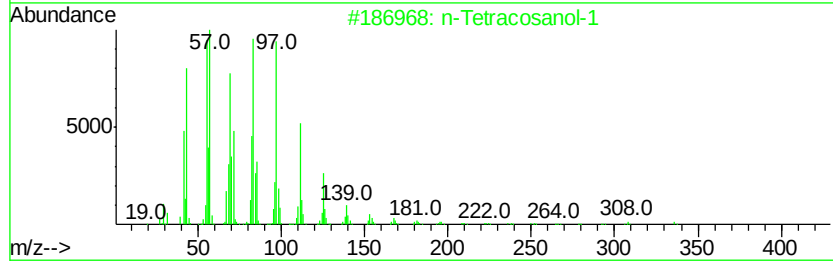
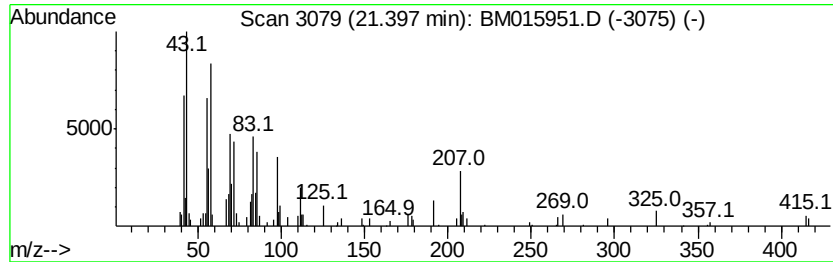
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Tetracosanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.12 ng/ul	150880	Chrysene-d12	21.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Tetracosanol-1	354 C24H50O	000506-51-4	64
2	Octacosanol	410 C28H58O	000557-61-9	64
3	1-Eicosanol	298 C20H42O	000629-96-9	60
4	1-Heptacosanol	396 C27H56O	002004-39-9	58
5	Heptacosyl acetate	438 C29H58O2	1000351-78-2	58



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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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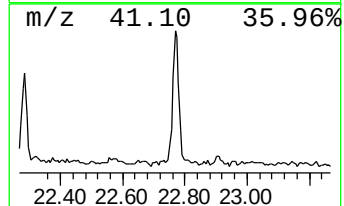
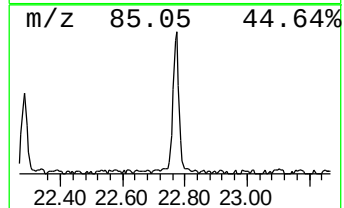
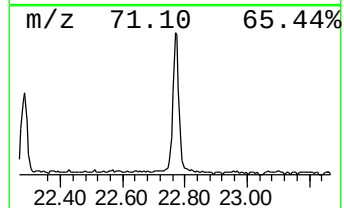
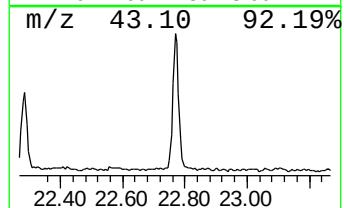
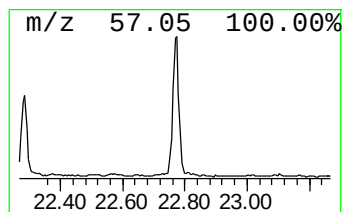
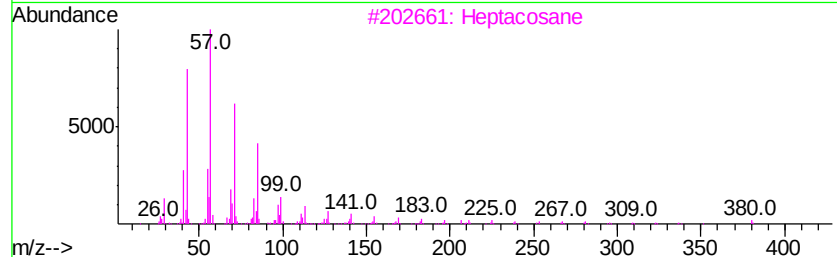
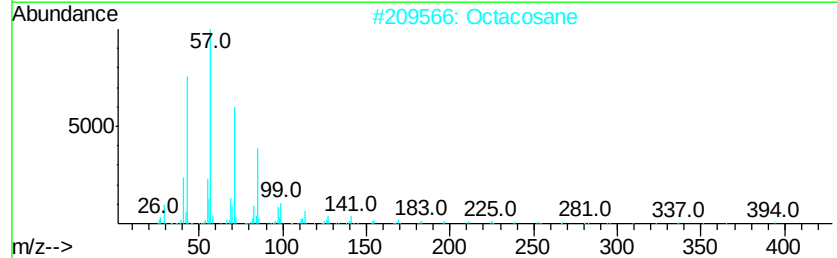
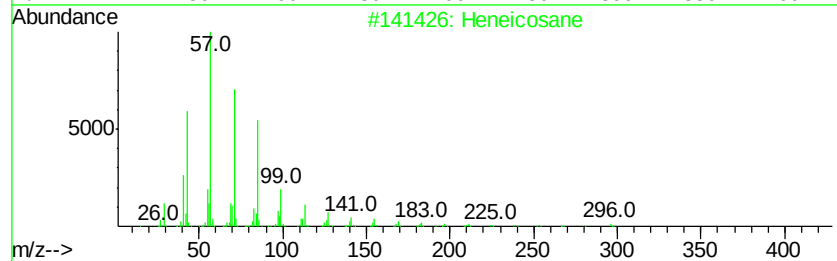
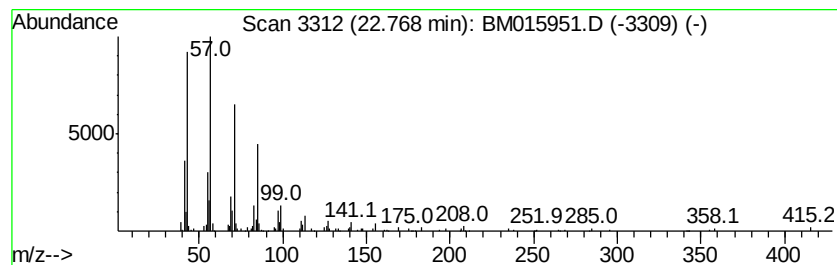
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	3.55 ng/ul	253207	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5		Eicosane	282	C20H42	000112-95-8	87



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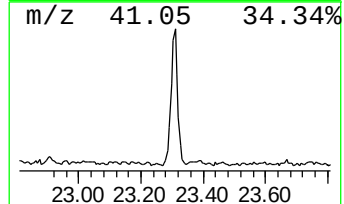
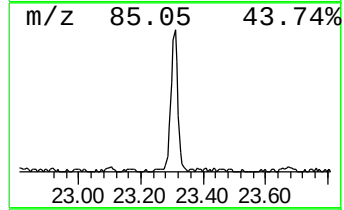
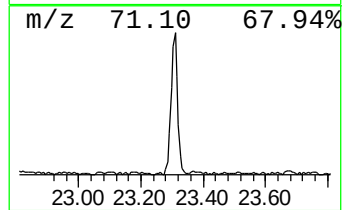
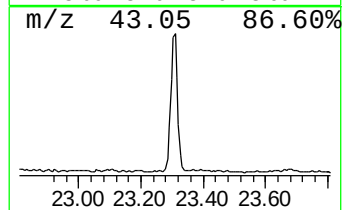
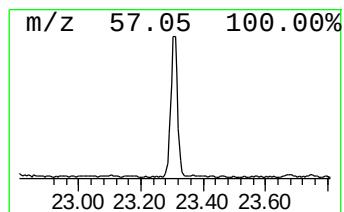
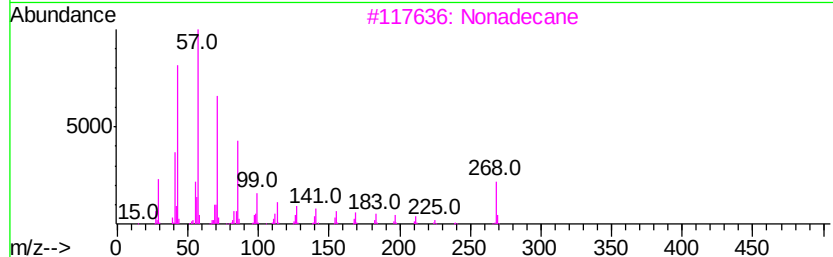
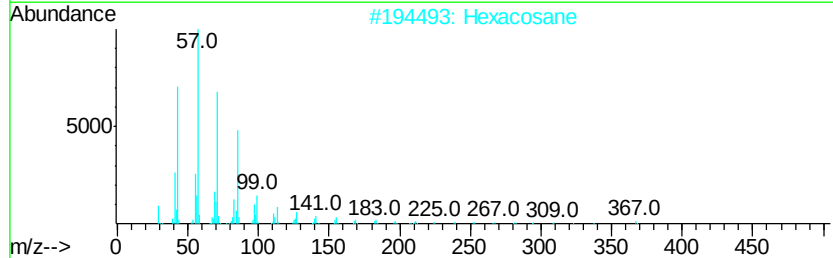
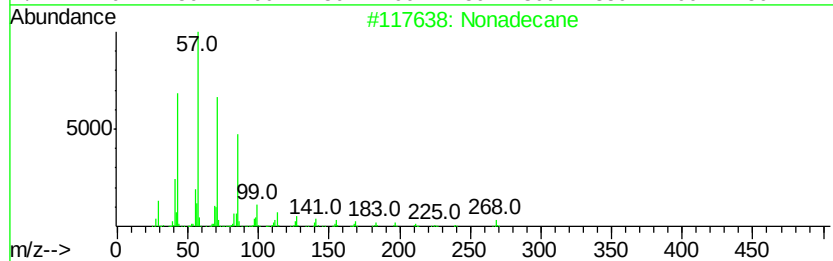
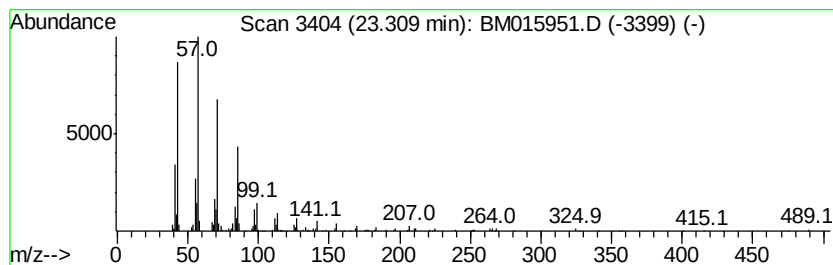
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	5.26 ng/ul	384167	Perylene-d12	24.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	Hexacosane		366	C26H54	000630-01-3	93
3	Nonadecane		268	C19H40	000629-92-5	91
4	Tetracosane		338	C24H50	000646-31-1	90
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90



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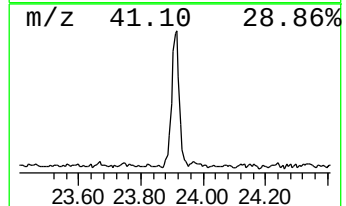
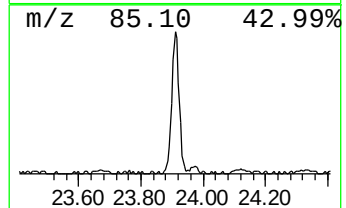
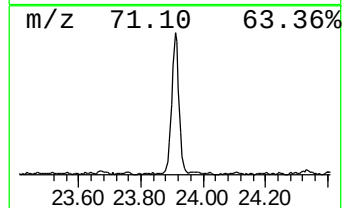
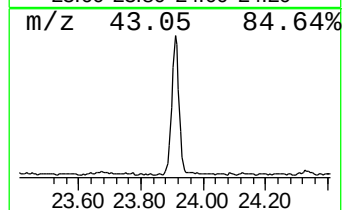
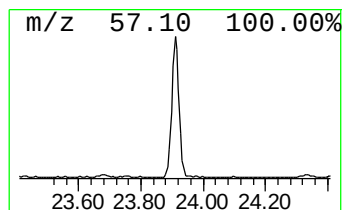
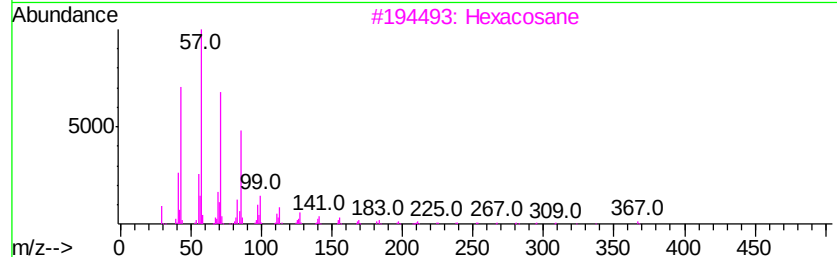
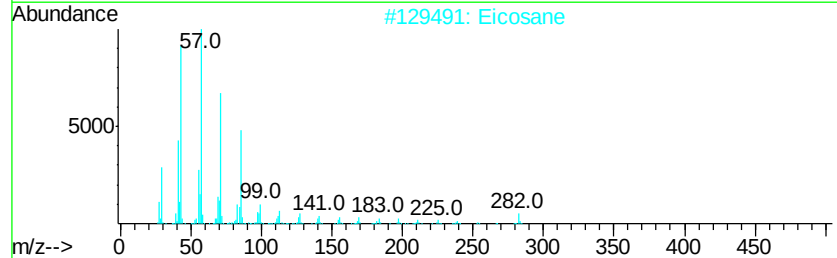
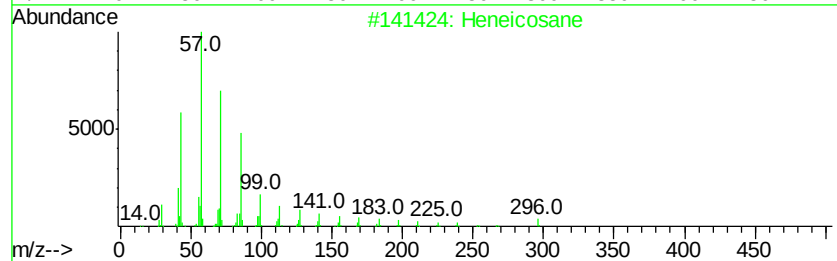
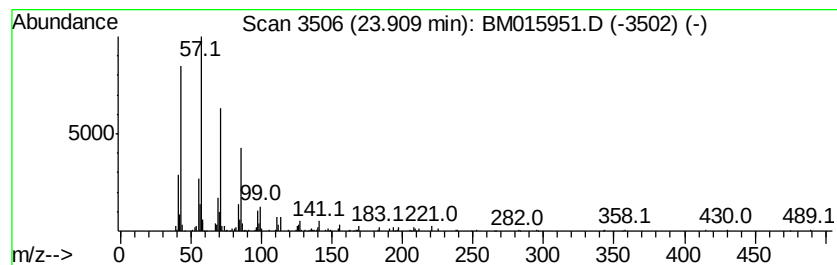
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	5.43 ng/ul	396649	Perylene-d12	24.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	96
2			Eicosane	282	C20H42	000112-95-8	96
3			Hexacosane	366	C26H54	000630-01-3	93
4			Octacosane	394	C28H58	000630-02-4	90
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015951.D
Acq On : 13 Jul 2018 19:40
Operator : SJ/JU
Sample : J3937-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEMG1

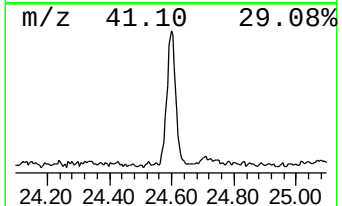
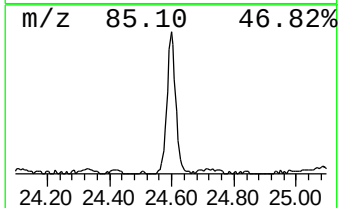
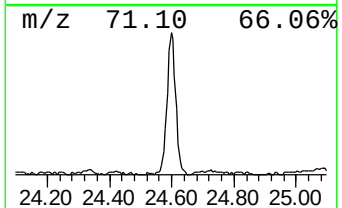
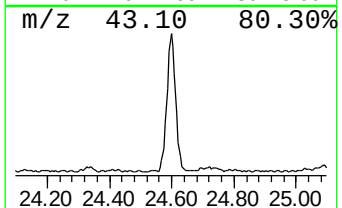
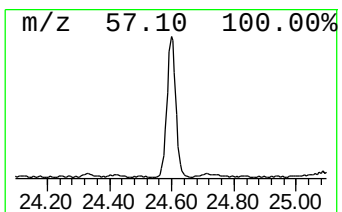
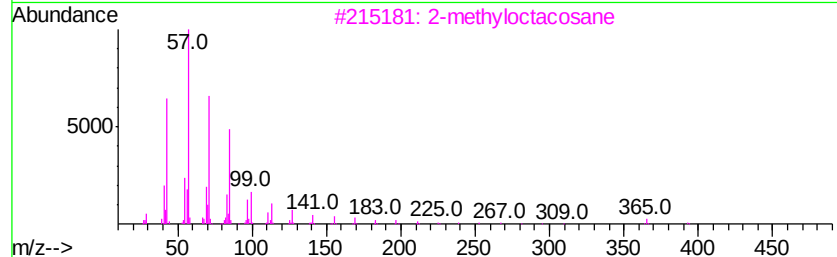
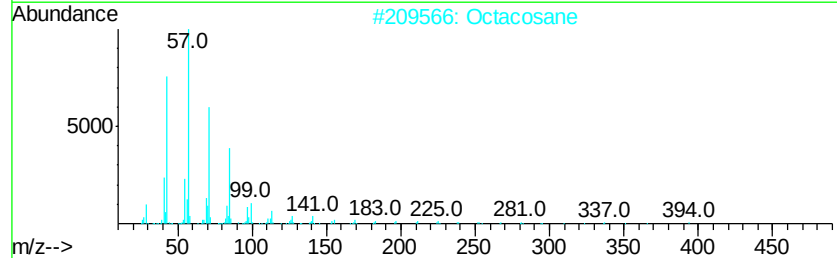
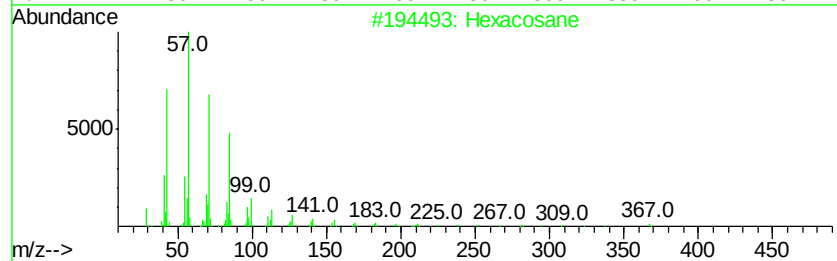
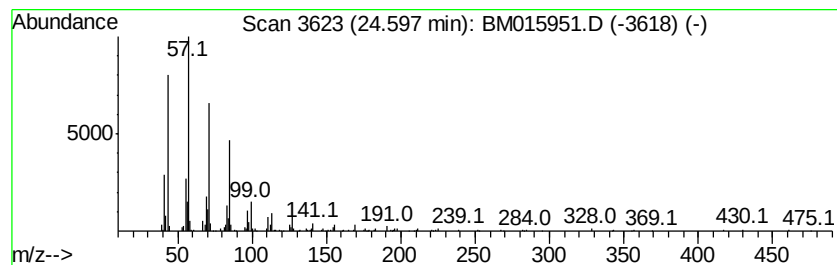
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	5.44 ng/ul	397412	Perylene-d12	24.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	93
2			Octacosane	394	C28H58	000630-02-4	93
3			2-methyloctacosane	408	C29H60	1000376-72-8	90
4			Hexatriacontane	507	C36H74	000630-06-8	90
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015951.D
Acq On : 13 Jul 2018 19:40
Operator : SJ/JU
Sample : J3937-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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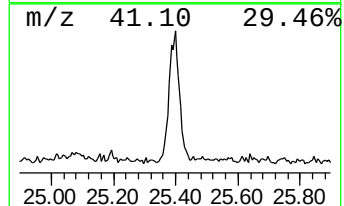
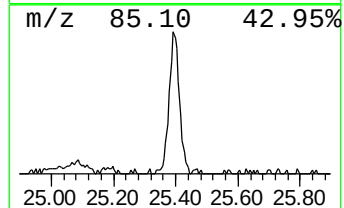
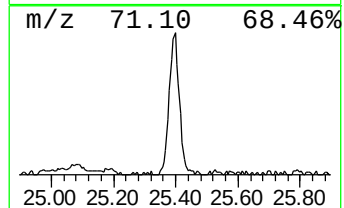
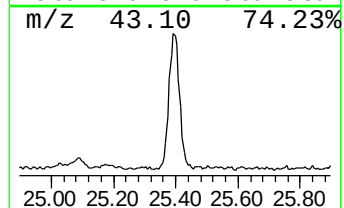
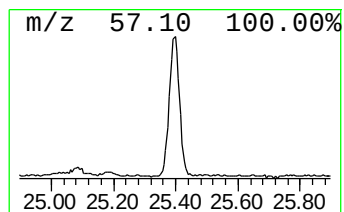
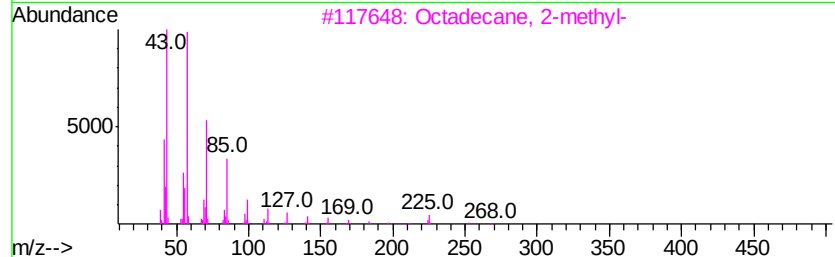
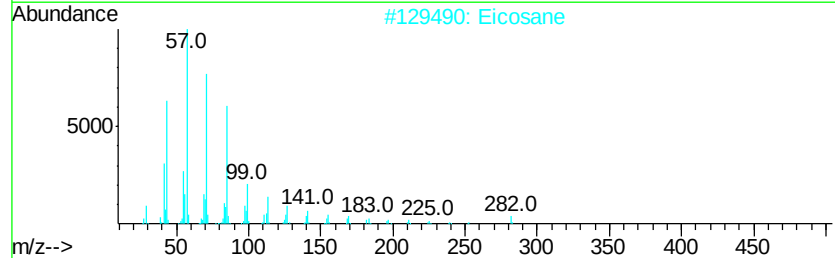
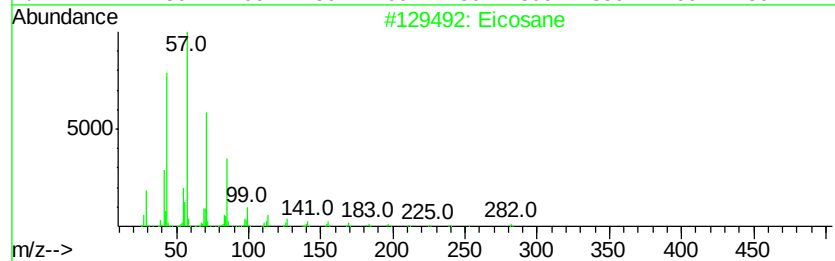
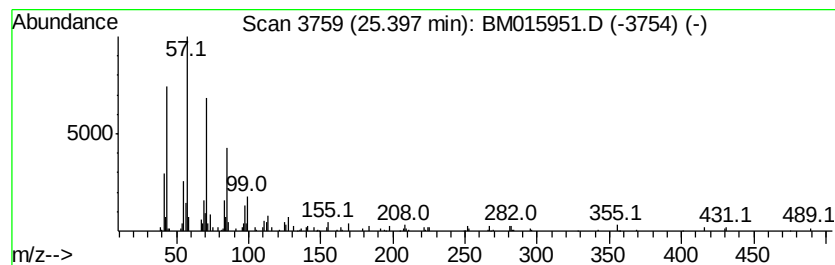
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.40	3.66 ng/ul	267708	Perylene-d12	24.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Eicosane	282	C20H42	000112-95-8	93
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071318\
Data File : BM015951.D
Acq On : 13 Jul 2018 19:40
Operator : SJ/JU
Sample : J3937-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEMG1

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	18.46	6.8	ng/ul	366312	4	17.62	1074570	20.0
Octadecanoic acid	19.71	5.7	ng/ul	404311	5	21.73	1425900	20.0
n-Tetracosanol-1	21.40	2.1	ng/ul	150880	5	21.73	1425900	20.0
(DEL) Alkane: Str...	22.77	3.5	ng/ul	253207	5	21.73	1425900	20.0
(DEL) Alkane: Str...	23.31	5.3	ng/ul	384167	6	24.13	1461300	20.0
(DEL) Alkane: Str...	23.91	5.4	ng/ul	396649	6	24.13	1461300	20.0
(DEL) Alkane: Str...	24.60	5.4	ng/ul	397412	6	24.13	1461300	20.0
(DEL) Alkane: Str...	25.40	3.7	ng/ul	267708	6	24.13	1461300	20.0