

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
 Data File : BM015950.D
 Acq On : 13 Jul 2018 19:03
 Operator : SJ/JU
 Sample : J3937-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEMG2

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	7.422	698	703	715	rBV2	53172	113181	4.34%	0.446%
2	7.581	725	730	741	rBV	213821	348819	13.36%	1.375%
3	7.793	759	766	778	rBV	240937	426814	16.35%	1.683%
4	8.263	840	846	857	rBV	233896	394368	15.11%	1.555%
5	8.981	962	968	982	rBV2	173557	308772	11.83%	1.217%
6	9.451	1042	1048	1063	rBV	304503	539455	20.67%	2.127%
7	10.175	1165	1171	1186	rBB	286761	501651	19.22%	1.978%
8	10.710	1256	1262	1278	rBV	370624	697487	26.72%	2.750%
9	11.086	1320	1326	1340	rBV	350141	602461	23.08%	2.375%
10	14.292	1865	1871	1875	rBV	858334	1186059	45.44%	4.676%
11	14.333	1875	1878	1887	rVB	175831	249075	9.54%	0.982%
12	14.586	1914	1921	1931	rBV	918311	1298473	49.75%	5.119%
13	14.886	1966	1972	1982	rVB2	542907	835932	32.03%	3.295%
14	15.121	2007	2012	2024	rBV2	30604	78053	2.99%	0.308%
15	15.874	2133	2140	2153	rBV	1181949	1669087	63.94%	6.580%
16	16.004	2157	2162	2174	rBV	394115	587801	22.52%	2.317%
17	17.615	2430	2436	2447	rVB	767779	1062935	40.72%	4.190%
18	17.715	2447	2453	2464	rBV	1344026	1871295	71.69%	7.377%
19	18.462	2574	2580	2593	rBV	383181	521685	19.99%	2.057%
20	19.568	2764	2768	2771	rBV2	21606	33636	1.29%	0.133%
21	19.715	2787	2793	2811	rBV	489252	747171	28.62%	2.945%
22	19.974	2831	2837	2845	rBV	1789537	2290078	87.74%	9.028%
23	20.768	2969	2972	2978	rBV6	39169	56370	2.16%	0.222%
24	21.398	3075	3079	3088	rBV2	103221	183478	7.03%	0.723%
25	21.603	3111	3114	3118	rBV	43606	46502	1.78%	0.183%
26	21.733	3131	3136	3142	rVB	1133475	1434671	54.96%	5.656%
27	21.827	3149	3152	3158	rBV	77910	94178	3.61%	0.371%
28	22.286	3226	3230	3235	rBV	211220	255381	9.78%	1.007%
29	22.774	3308	3313	3317	rBV	277174	375114	14.37%	1.479%
30	23.309	3399	3404	3411	rVB	554802	808026	30.96%	3.185%
31	23.909	3501	3506	3510	rBV	366265	605400	23.19%	2.387%
32	23.974	3510	3517	3528	rVB	1346662	2610206	100.00%	10.290%
33	24.121	3536	3542	3554	rVB	743279	1479430	56.68%	5.832%
34	24.603	3618	3624	3632	rVB	344345	688862	26.39%	2.716%

LSC Area Percent Report

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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

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35	25.397	3754	3759	3766	rVB2	174052	364756	13.97%	1.438%
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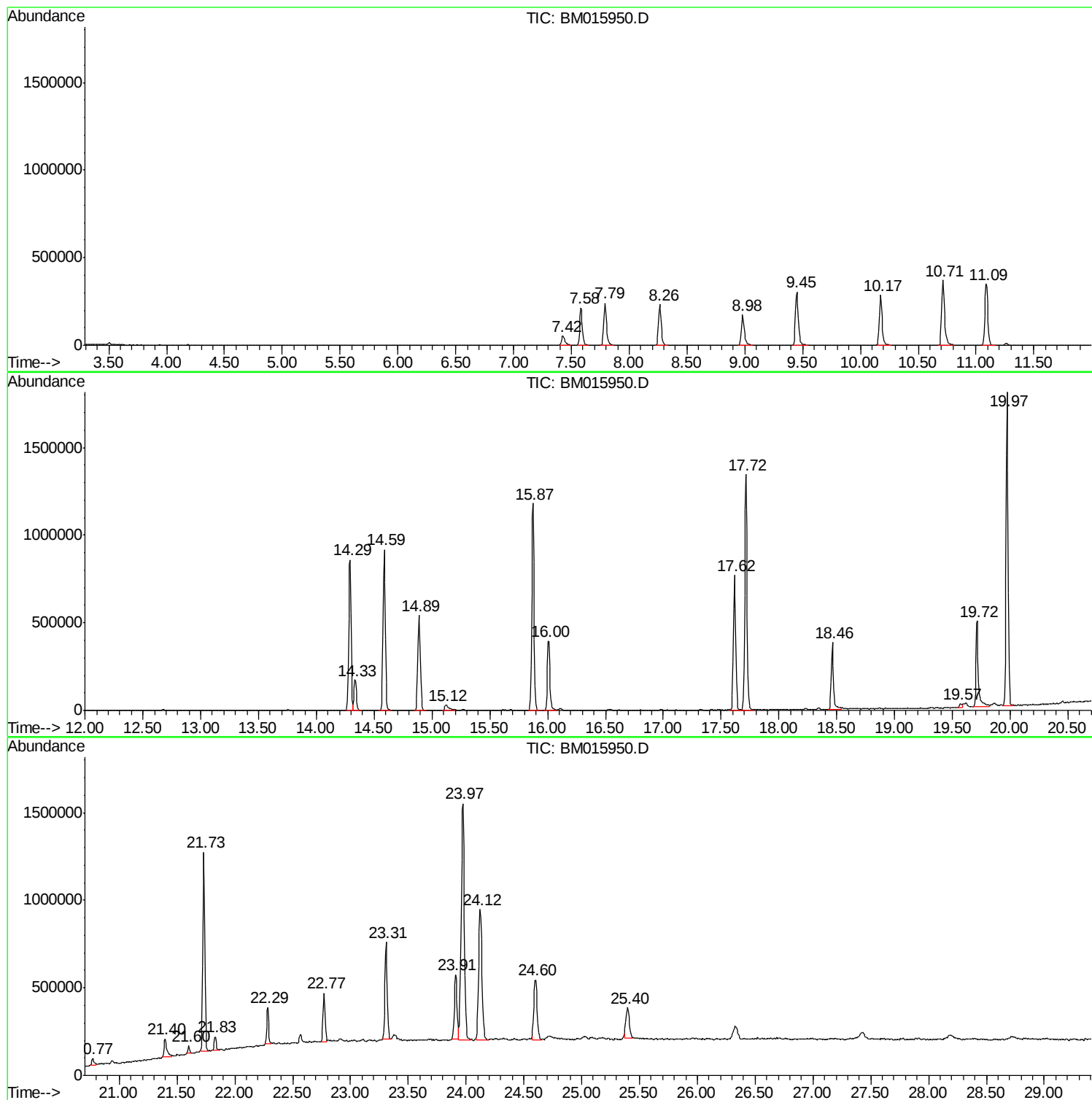
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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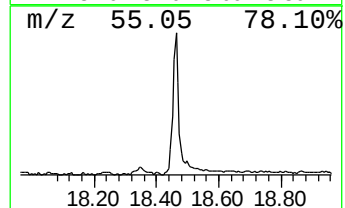
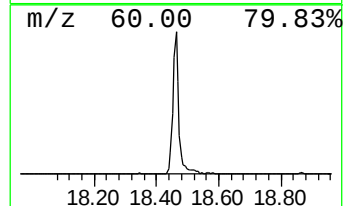
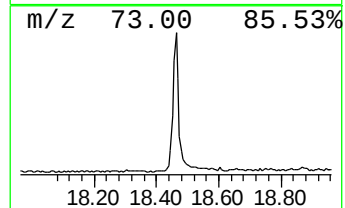
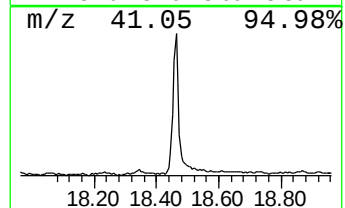
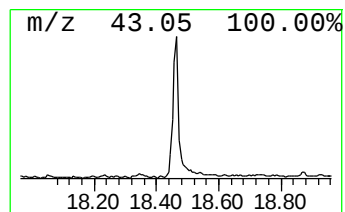
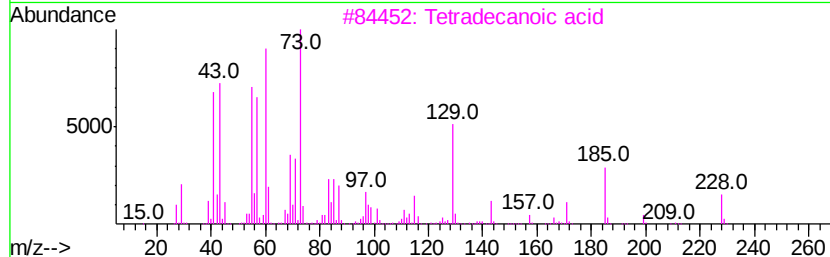
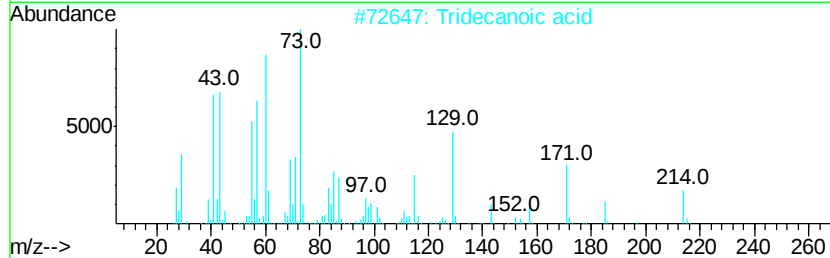
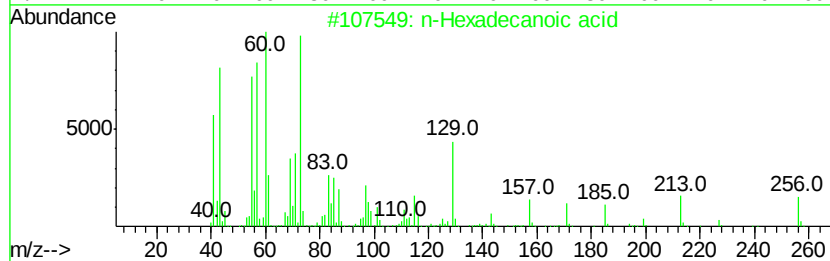
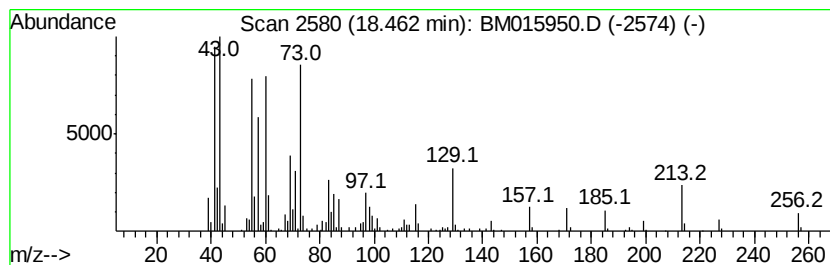
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	9.82 ng/ul	521685	Phenanthrene-d10	17.62

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		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	94
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



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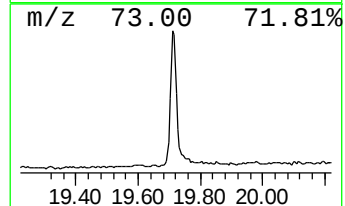
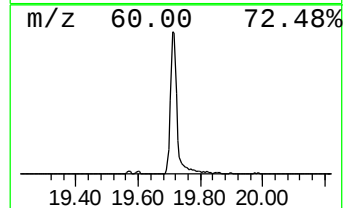
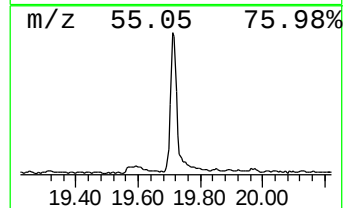
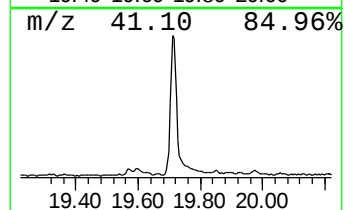
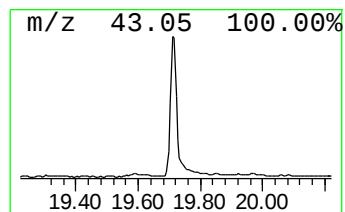
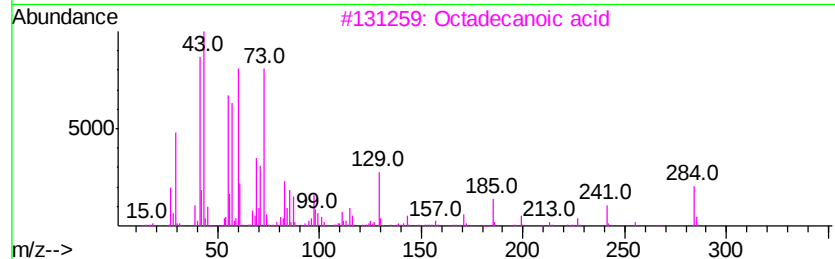
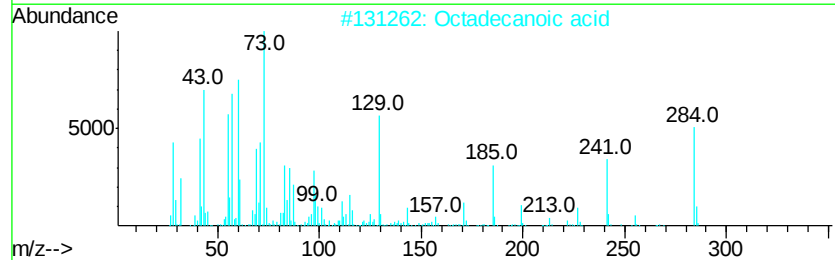
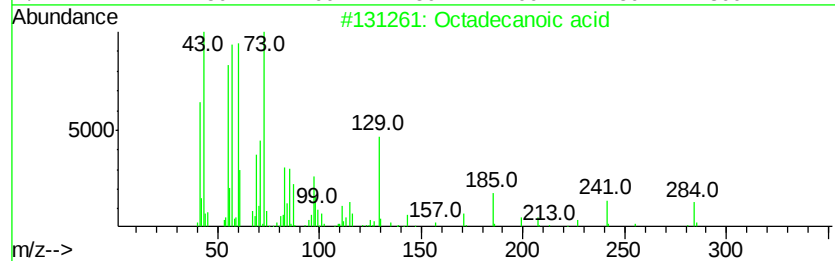
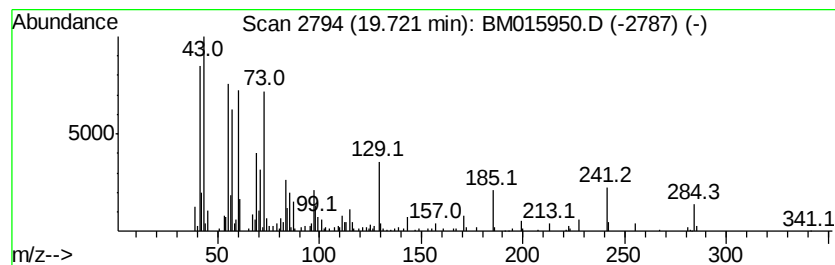
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Quant Title : SVOA CALIBRATION

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.
19.72	10.42 ng/ul	747171	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	93
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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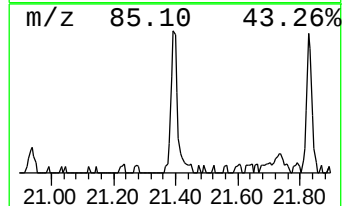
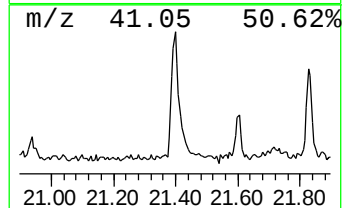
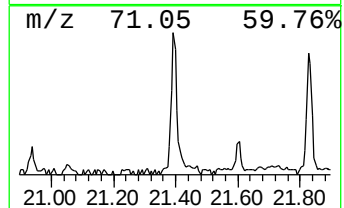
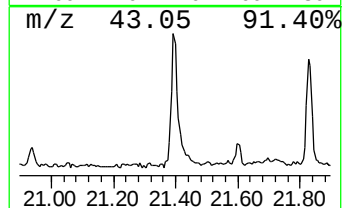
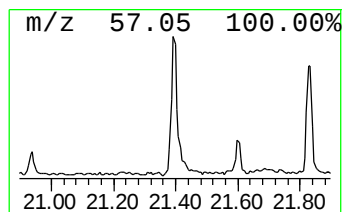
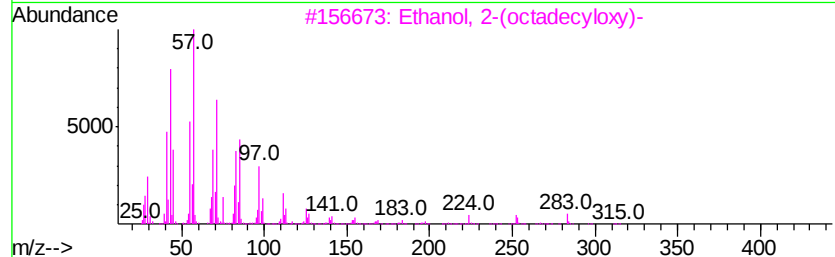
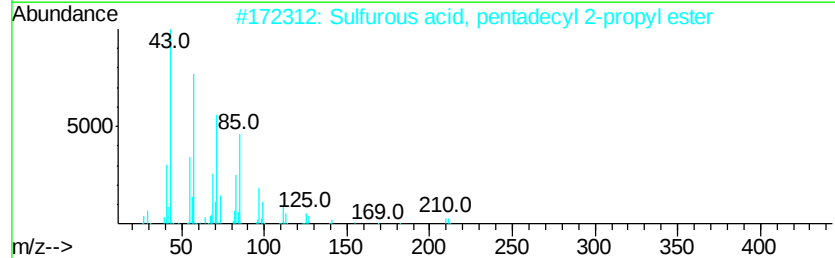
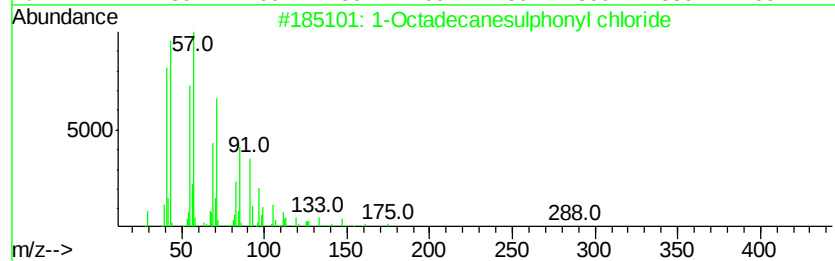
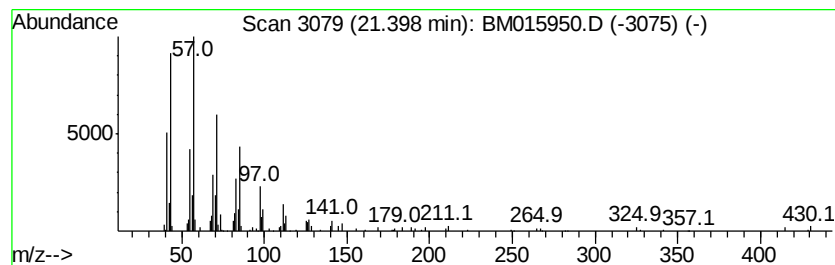
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1-Octadecanesulphonyl chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.56 ng/ul	183478	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
3		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	91
4		1-Chloroeicosane	316	C20H41Cl	042217-02-7	91
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87



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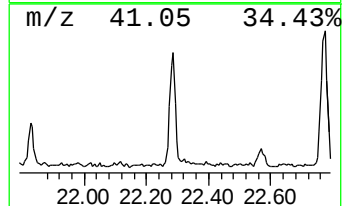
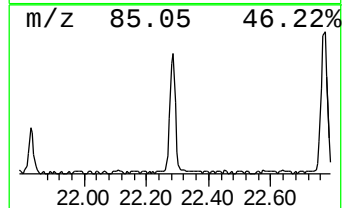
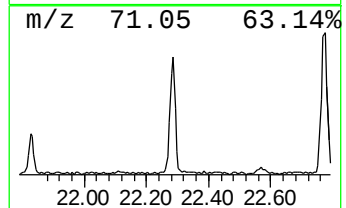
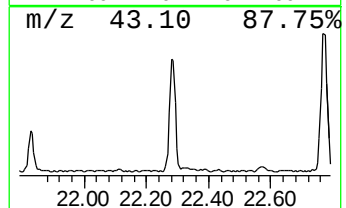
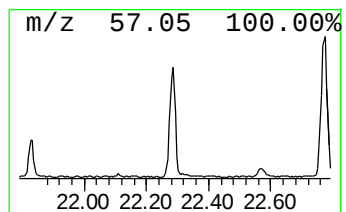
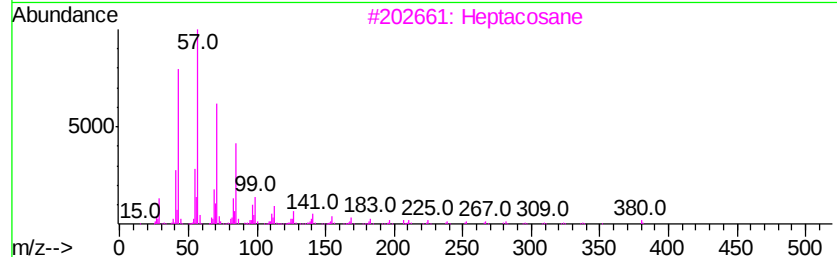
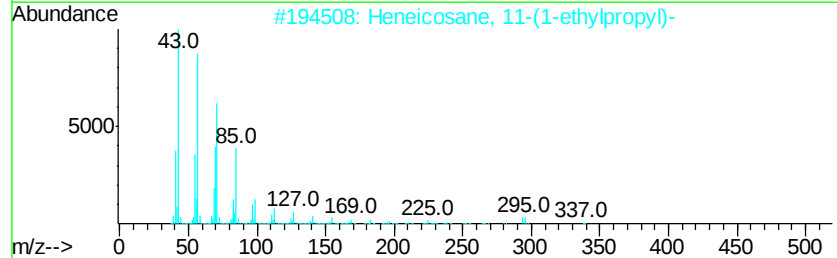
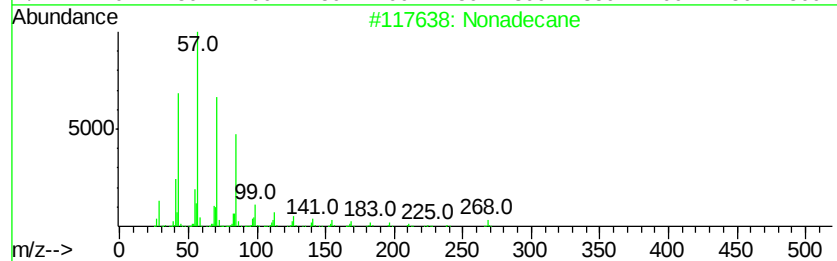
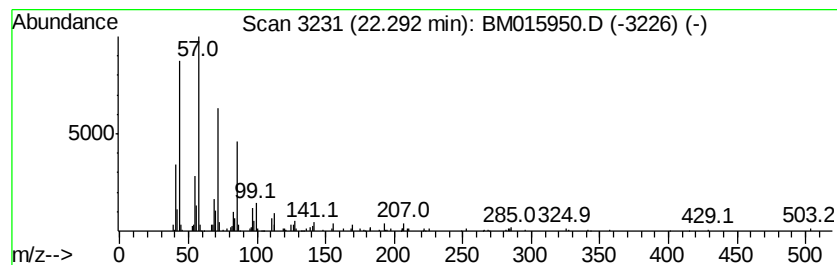
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	3.56 ng/ul	255381	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Eicosane	282	C20H42	000112-95-8	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



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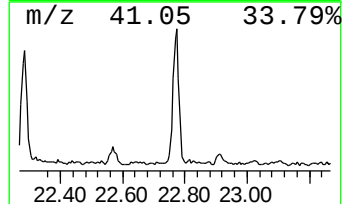
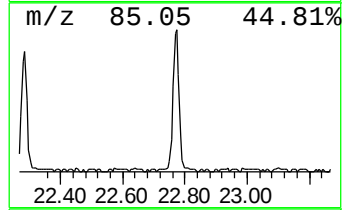
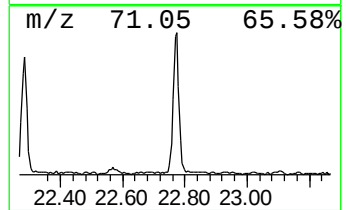
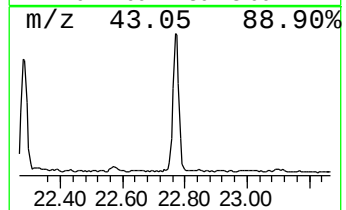
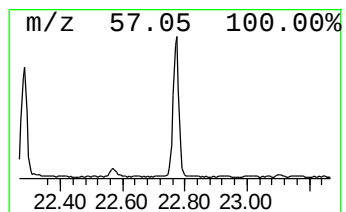
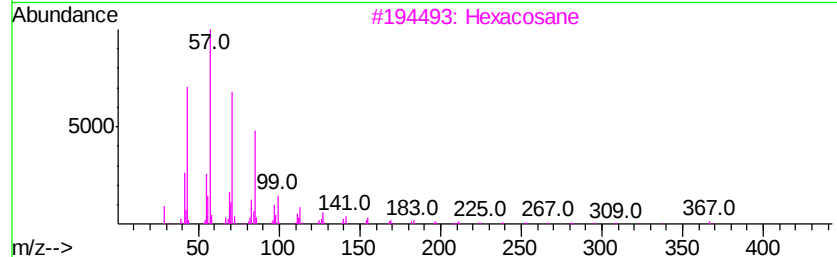
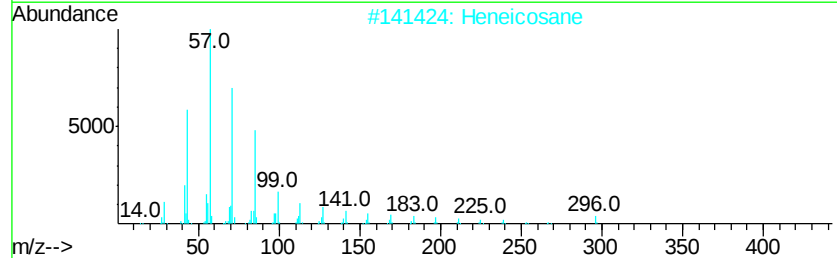
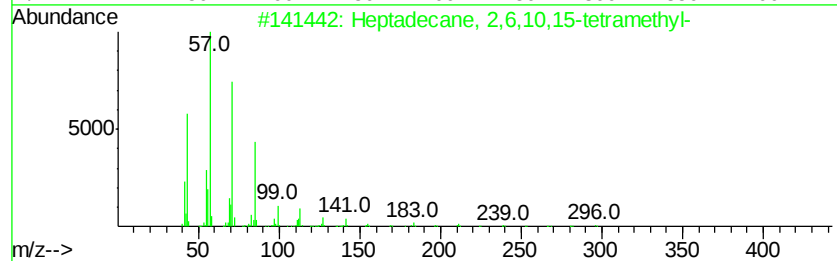
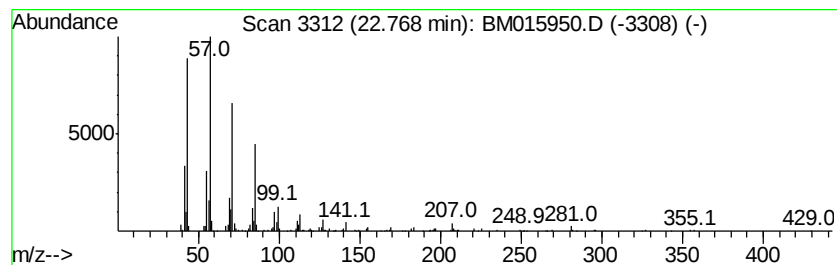
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	5.23 ng/ul	375114	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2		Heneicosane	296	C21H44	000629-94-7	96
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



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ClientSampleId :
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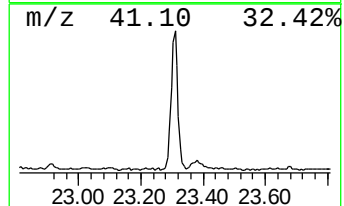
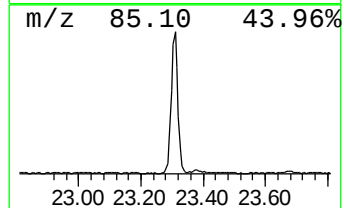
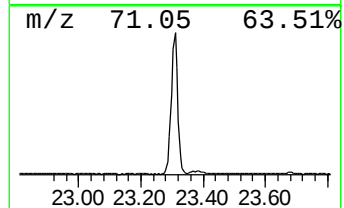
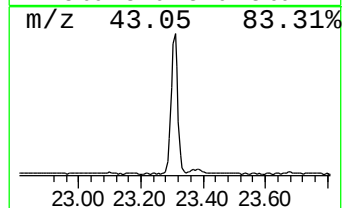
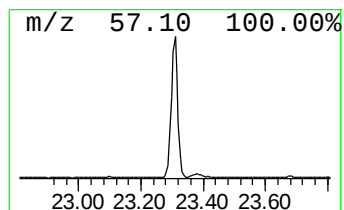
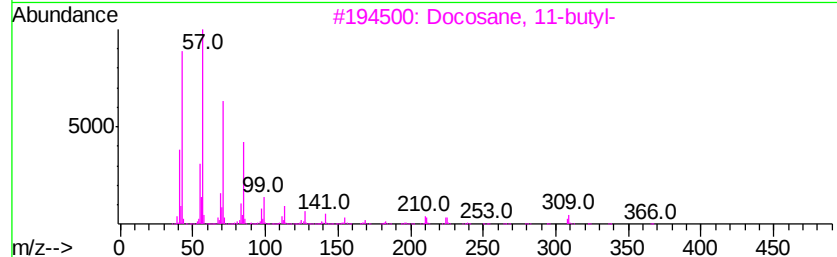
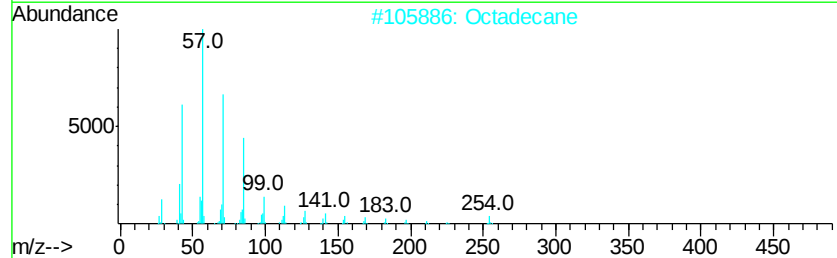
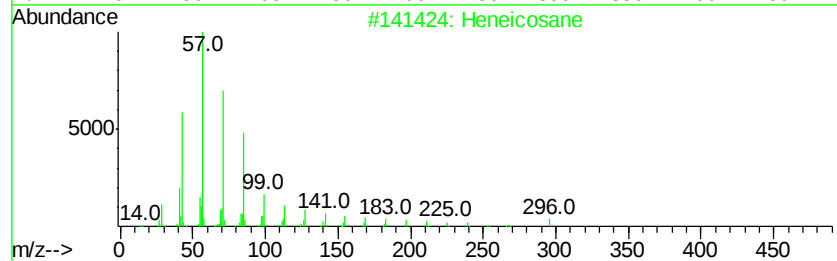
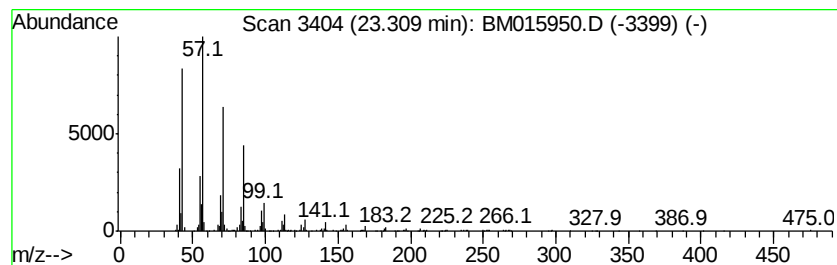
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	10.92 ng/ul	808026	Perylene-d12	24.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Octadecane	254	C18H38	000593-45-3	95
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015950.D
Acq On : 13 Jul 2018 19:03
Operator : SJ/JU
Sample : J3937-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEMG2

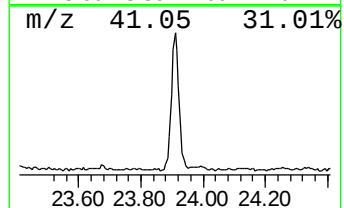
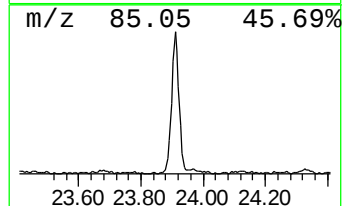
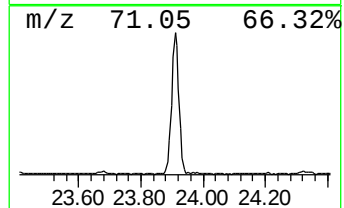
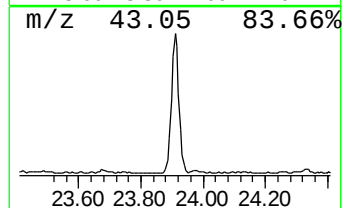
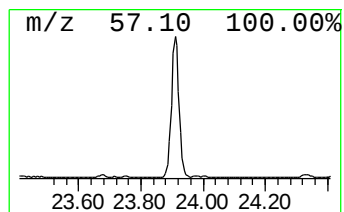
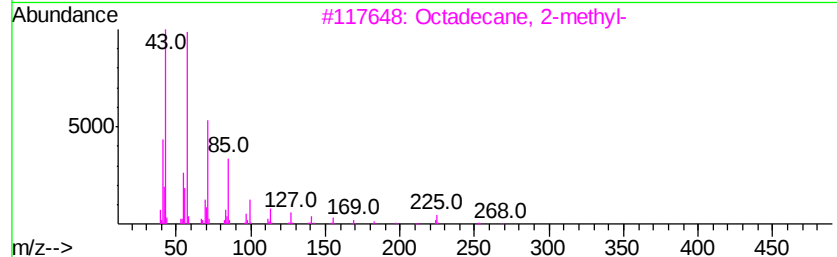
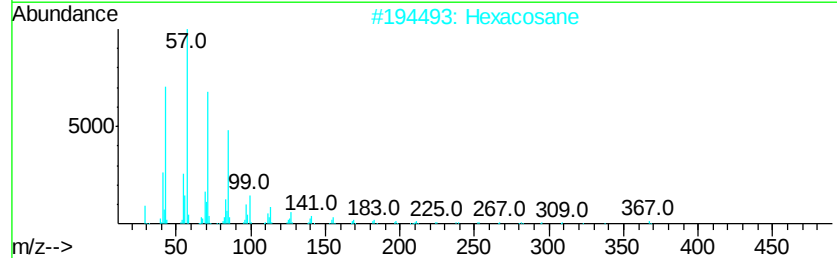
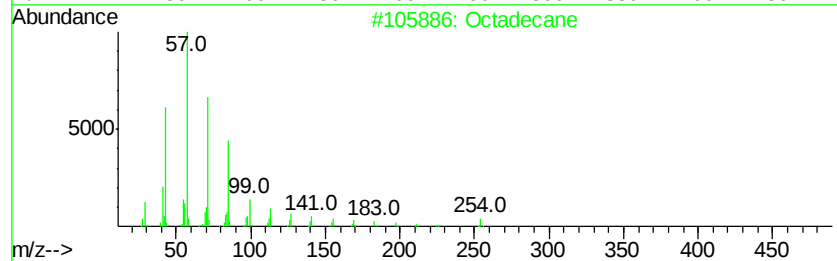
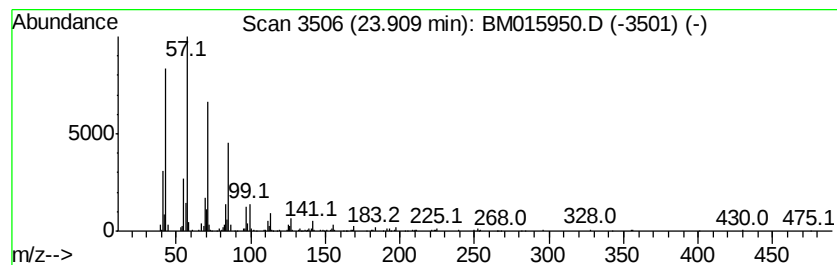
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Quant Title : SVOA CALIBRATION

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.
23.91	8.18 ng/ul	605400	Perylene-d12	24.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Hexacosane	366	C26H54	000630-01-3	94
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4			Heneicosane	296	C21H44	000629-94-7	93
5			Hexatriacontane	507	C36H74	000630-06-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015950.D
Acq On : 13 Jul 2018 19:03
Operator : SJ/JU
Sample : J3937-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEMG2

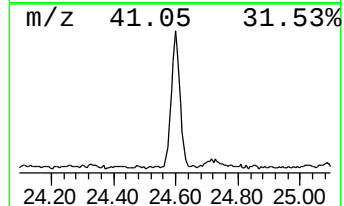
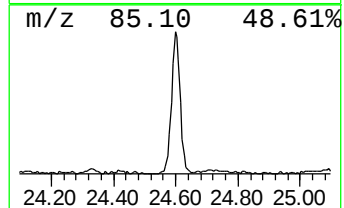
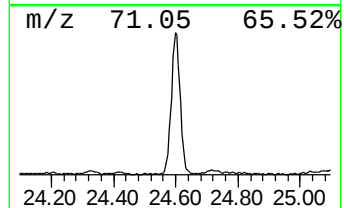
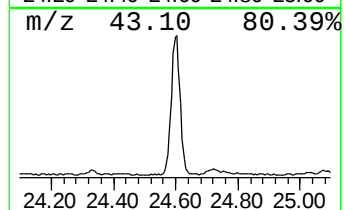
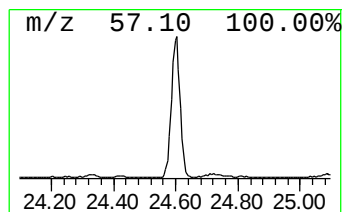
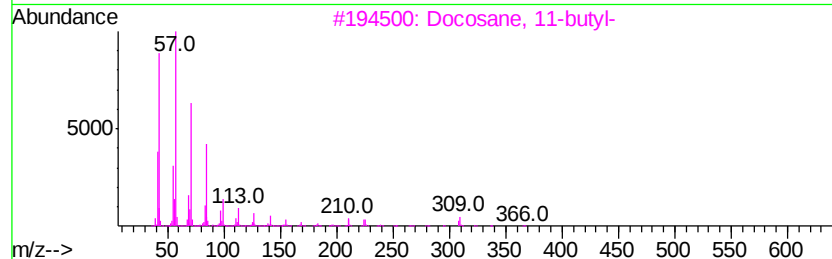
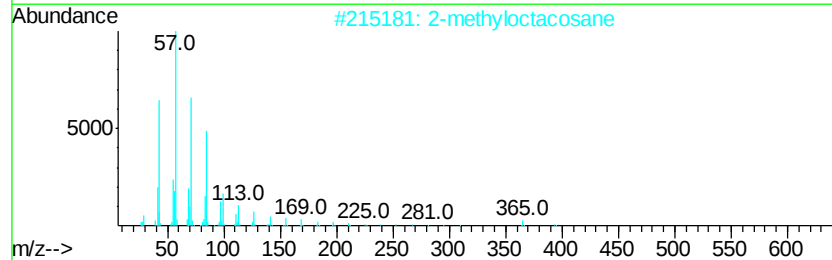
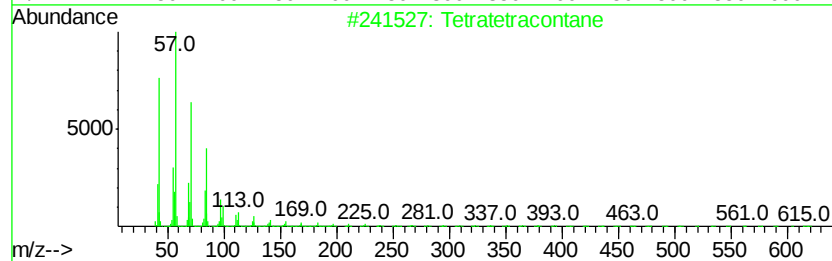
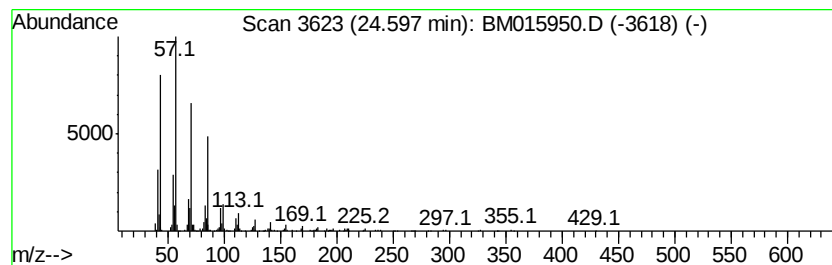
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	9.31 ng/ul	688862	Perylene-d12	24.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015950.D
Acq On : 13 Jul 2018 19:03
Operator : SJ/JU
Sample : J3937-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEMG2

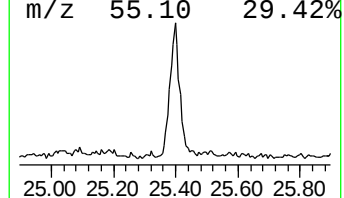
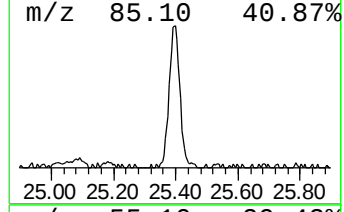
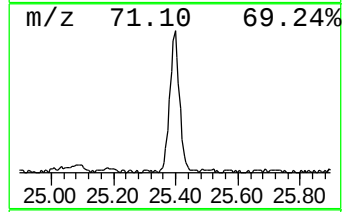
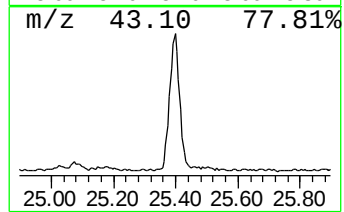
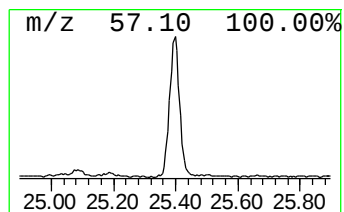
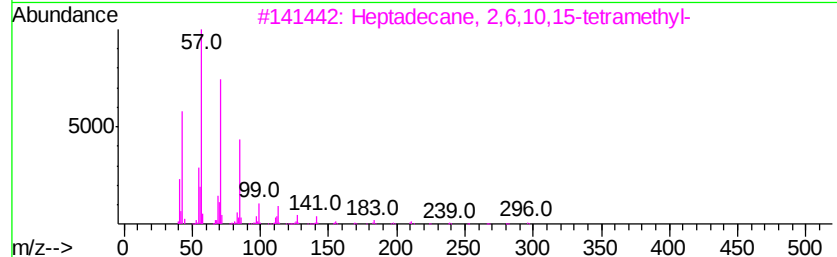
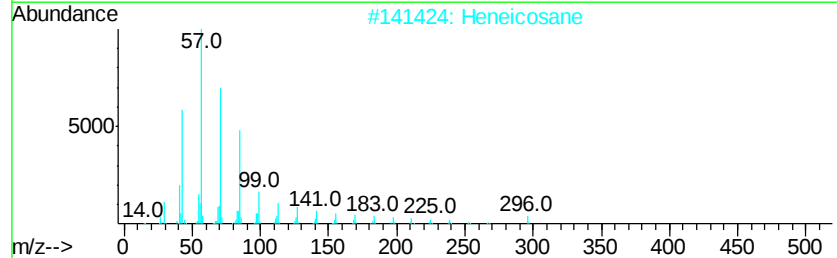
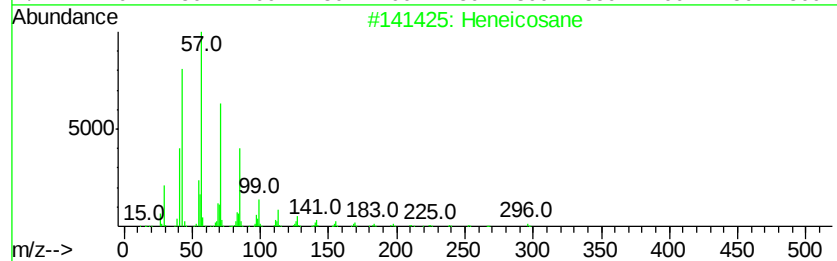
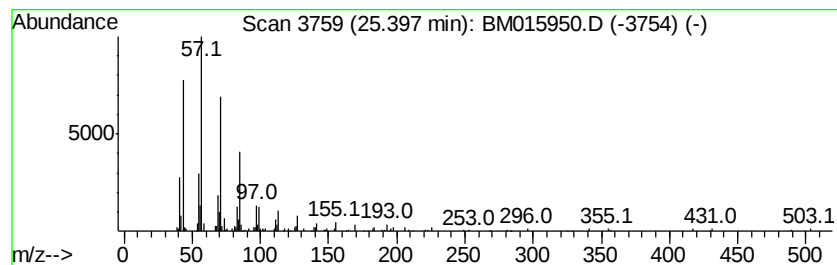
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.40	4.93 ng/ul	364756	Perylene-d12	24.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	96
2			Heneicosane	296	C21H44	000629-94-7	95
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071318\
Data File : BM015950.D
Acq On : 13 Jul 2018 19:03
Operator : SJ/JU
Sample : J3937-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEMG2

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	9.8	ng/ul	521685	4	17.62	1062940	20.0
Octadecanoic acid	19.72	10.4	ng/ul	747171	5	21.73	1434670	20.0
1-Octadecanesulph...	21.40	2.6	ng/ul	183478	5	21.73	1434670	20.0
(DEL) Alkane: Str...	22.29	3.6	ng/ul	255381	5	21.73	1434670	20.0
(DEL) Alkane: Str...	22.77	5.2	ng/ul	375114	5	21.73	1434670	20.0
(DEL) Alkane: Str...	23.31	10.9	ng/ul	808026	6	24.12	1479430	20.0
(DEL) Alkane: Str...	23.91	8.2	ng/ul	605400	6	24.12	1479430	20.0
(DEL) Alkane: Str...	24.60	9.3	ng/ul	688862	6	24.12	1479430	20.0
(DEL) Alkane: Str...	25.40	4.9	ng/ul	364756	6	24.12	1479430	20.0