

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
 Data File : BM015948.D
 Acq On : 13 Jul 2018 17:49
 Operator : SJ/JU
 Sample : J3937-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEMG3

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	719	rVB	64935	132988	4.61%	0.494%
2	7.581	724	730	746	rBV	242392	387481	13.44%	1.439%
3	7.787	760	765	780	rBV	279266	496062	17.21%	1.842%
4	8.263	840	846	860	rBB	252915	427100	14.82%	1.586%
5	8.981	962	968	983	rBV2	214569	382287	13.26%	1.419%
6	9.451	1042	1048	1063	rBV	356140	625816	21.71%	2.324%
7	10.175	1165	1171	1186	rBB	334227	576487	20.00%	2.140%
8	10.710	1256	1262	1277	rBV	443297	825923	28.65%	3.066%
9	11.086	1320	1326	1338	rBV	384589	650762	22.58%	2.416%
10	11.251	1349	1354	1365	rBV3	22664	46521	1.61%	0.173%
11	14.292	1865	1871	1875	rBV	987309	1375835	47.73%	5.108%
12	14.333	1875	1878	1888	rVB	226076	325483	11.29%	1.208%
13	14.586	1915	1921	1933	rVB	1034903	1490716	51.72%	5.535%
14	14.892	1966	1973	1980	rBV2	578699	913375	31.69%	3.391%
15	15.115	2005	2011	2026	rBV3	46659	126322	4.38%	0.469%
16	15.874	2134	2140	2148	rBV	1368487	1881937	65.29%	6.987%
17	16.010	2157	2163	2176	rBV	485311	722885	25.08%	2.684%
18	17.615	2431	2436	2443	rBV2	836258	1160556	40.26%	4.309%
19	17.715	2447	2453	2462	rBV	1600837	2201751	76.39%	8.175%
20	18.462	2575	2580	2596	rBV	404245	579622	20.11%	2.152%
21	19.568	2765	2768	2771	rBV3	20421	29407	1.02%	0.109%
22	19.621	2774	2777	2787	rVB	25892	45699	1.59%	0.170%
23	19.709	2787	2792	2805	rBV	289114	440513	15.28%	1.636%
24	19.974	2831	2837	2844	rBV	2028221	2628648	91.20%	9.760%
25	21.403	3076	3080	3092	rBV	182333	358561	12.44%	1.331%
26	21.733	3131	3136	3142	rVB	1175937	1534266	53.23%	5.696%
27	21.833	3150	3153	3159	rVB2	61257	67666	2.35%	0.251%
28	22.286	3226	3230	3234	rBV	125485	149085	5.17%	0.554%
29	22.768	3308	3312	3319	rVB	201140	287054	9.96%	1.066%
30	23.309	3399	3404	3410	rVB	259985	398077	13.81%	1.478%
31	23.909	3501	3506	3510	rBV	281398	459977	15.96%	1.708%
32	23.974	3510	3517	3525	rVB	1507326	2882365	100.00%	10.702%
33	24.127	3536	3543	3555	rVB2	785588	1575352	54.65%	5.849%
34	24.597	3618	3623	3634	rVB	227720	446979	15.51%	1.660%

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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	rVB	144955	300426	10.42%	1.115%
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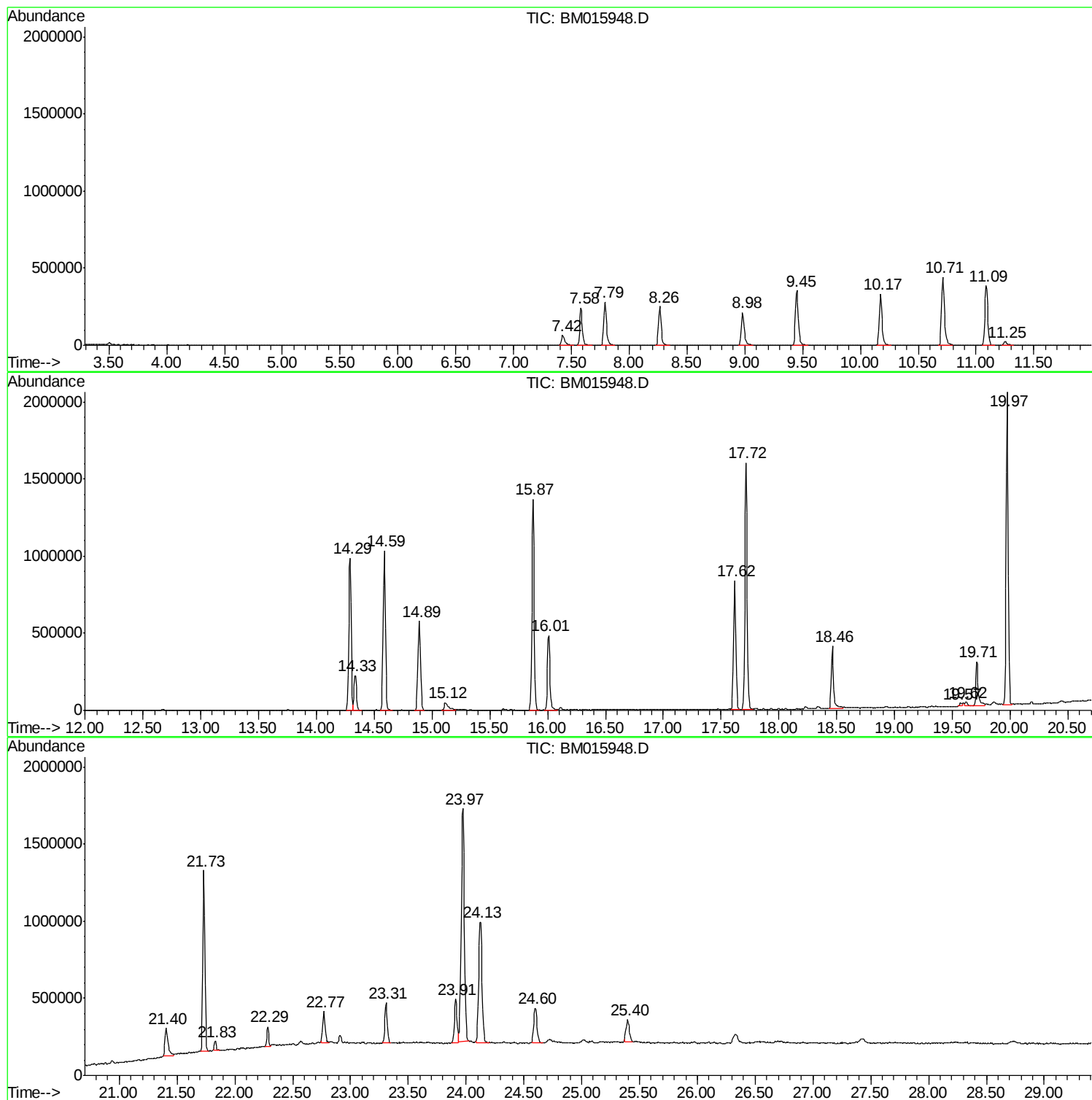
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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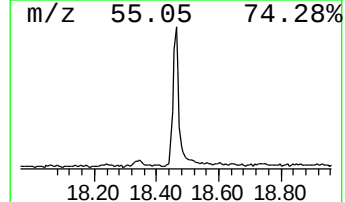
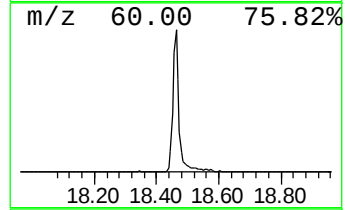
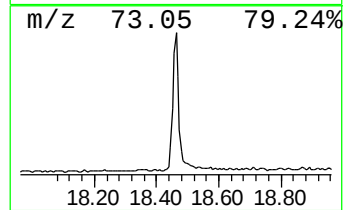
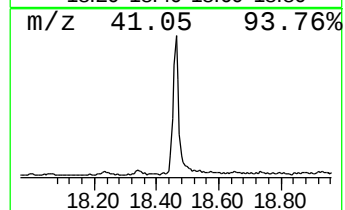
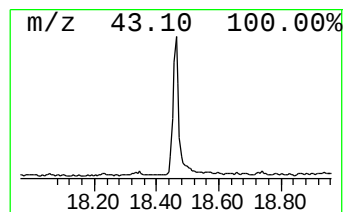
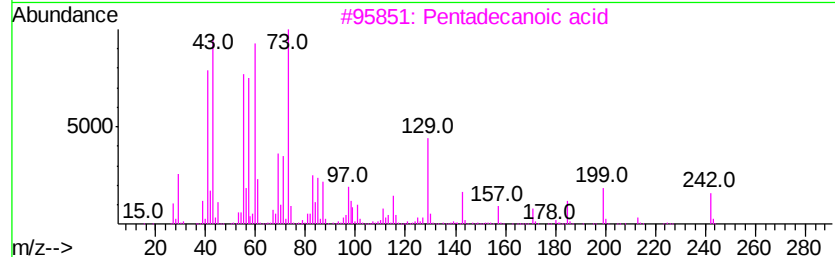
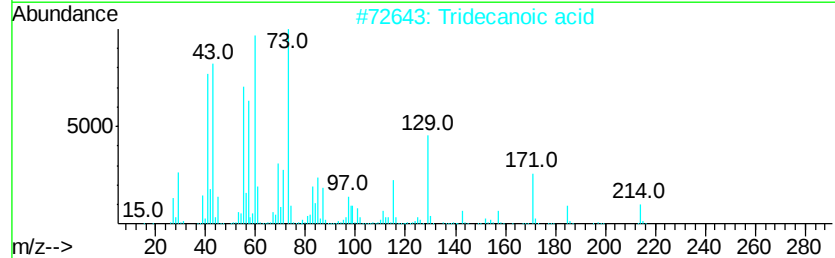
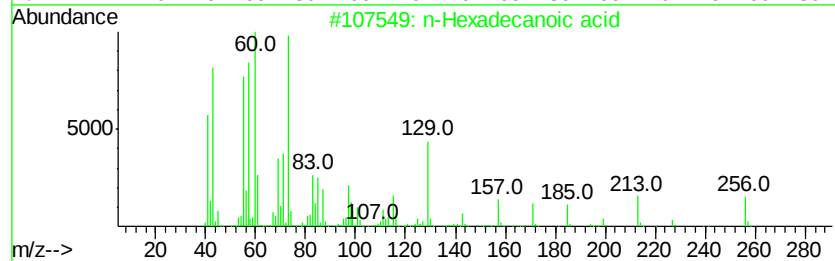
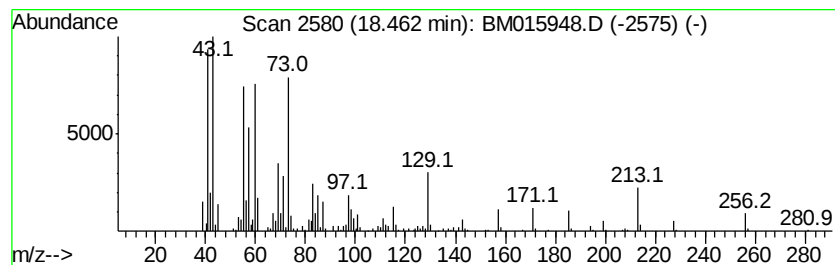
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Quant Title : SVOA CALIBRATION

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	9.99 ng/ul	579622	Phenanthrene-d10		17.62	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68	



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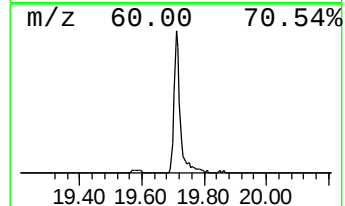
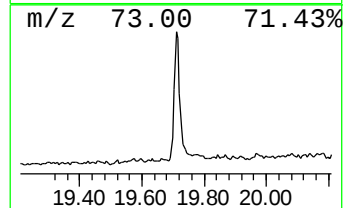
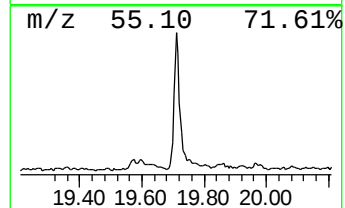
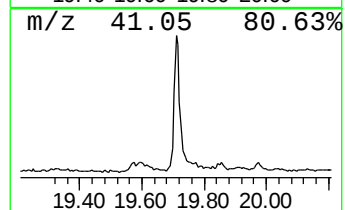
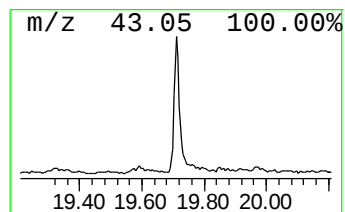
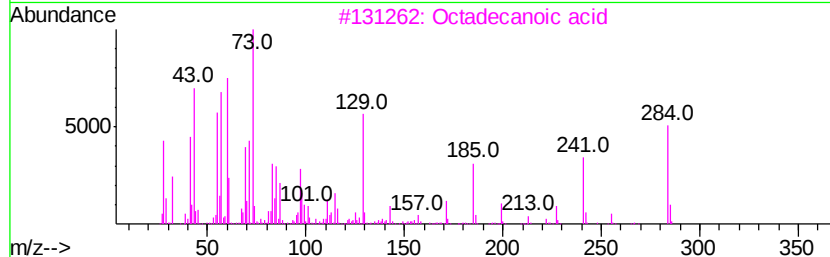
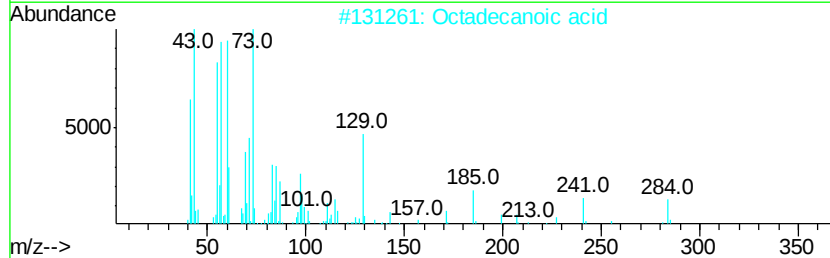
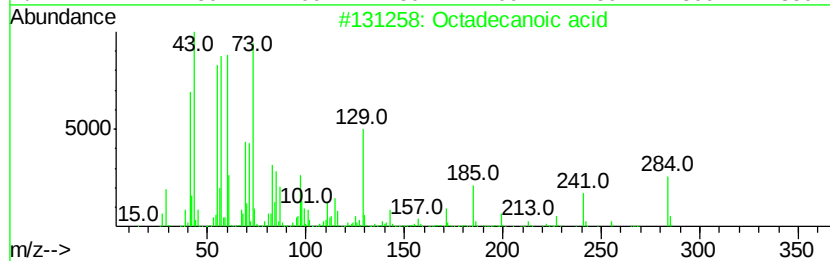
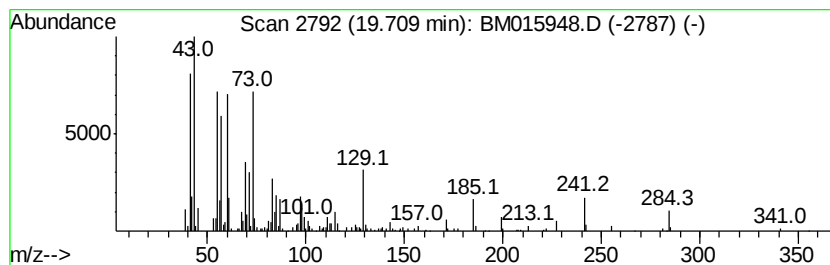
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	5.74 ng/ul	440513	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	99
4	Octadecanoic acid, 2-(2-hydroxyve...		372	C22H44O4	000106-11-6	87
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	83



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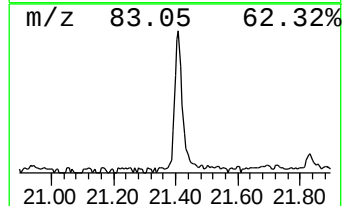
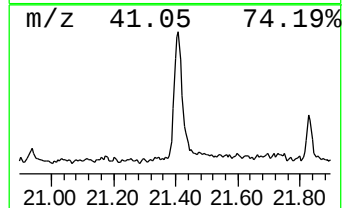
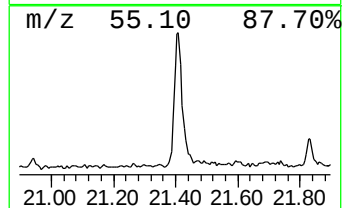
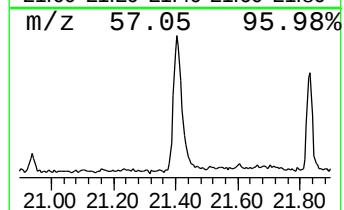
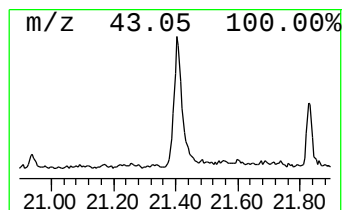
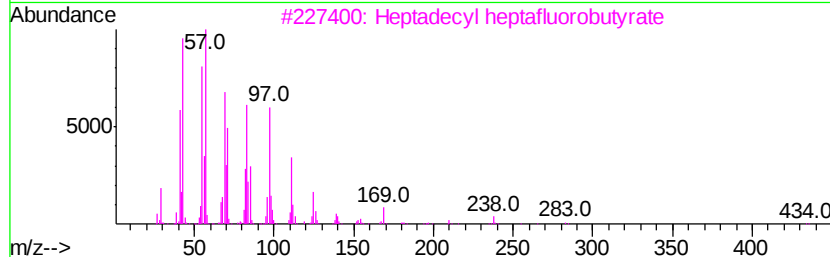
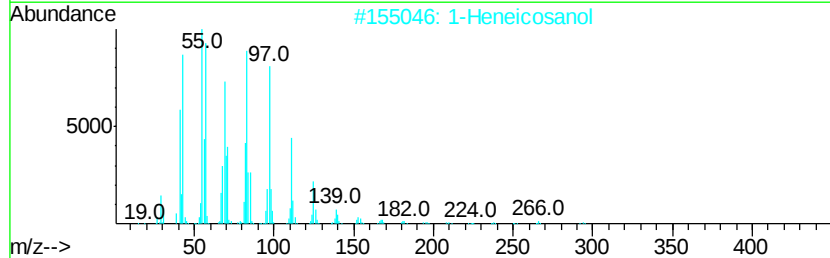
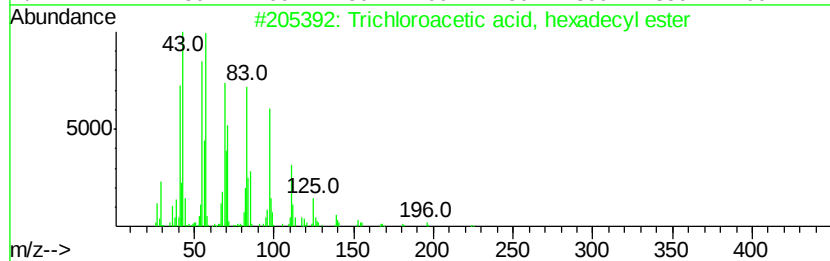
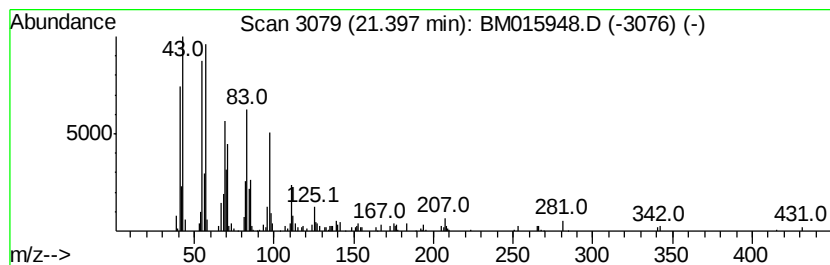
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	4.67 ng/ul	358561	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93



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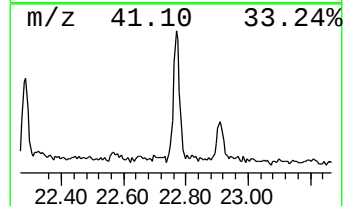
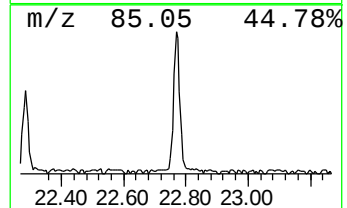
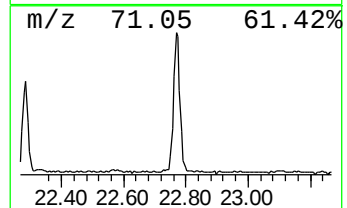
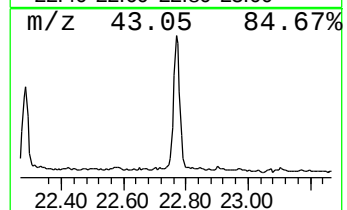
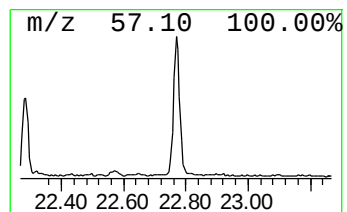
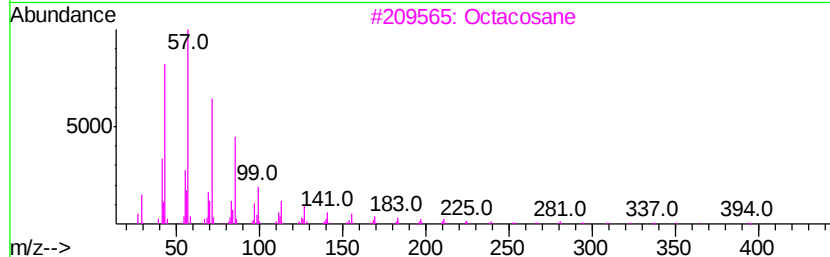
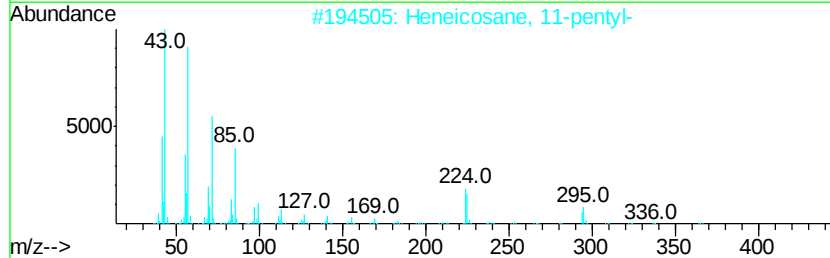
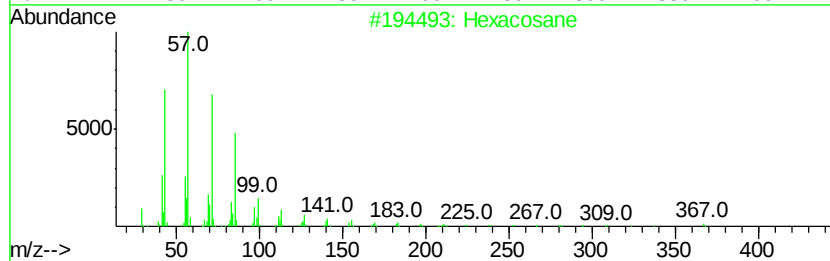
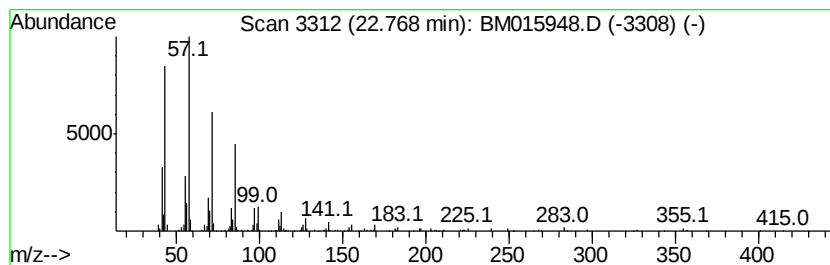
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	3.74 ng/ul	287054	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



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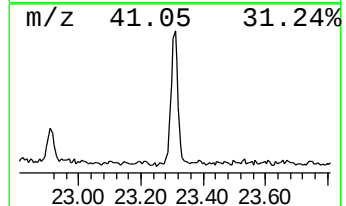
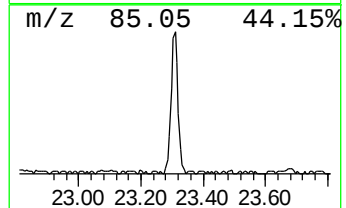
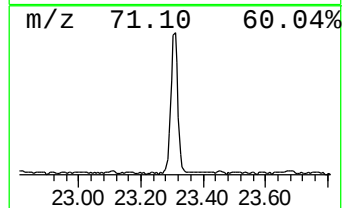
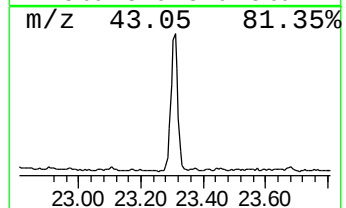
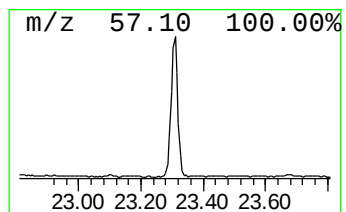
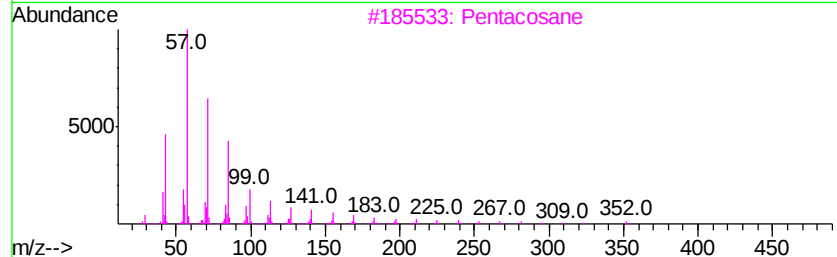
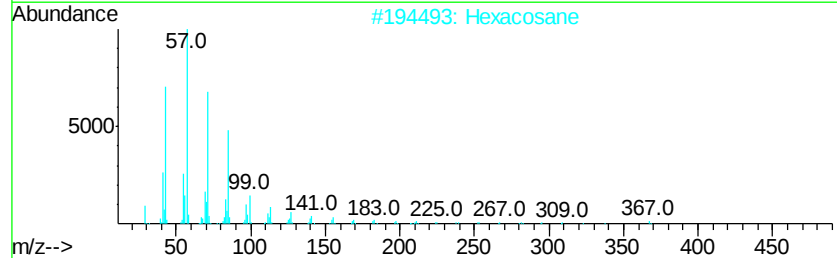
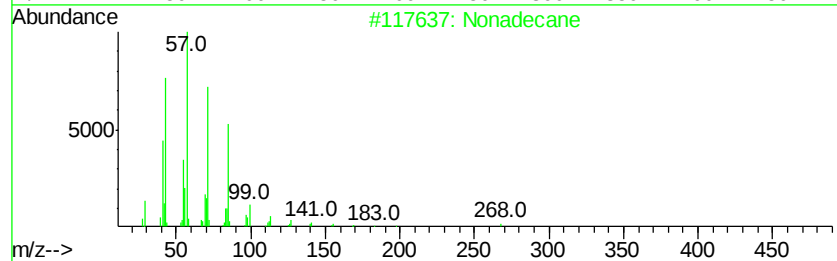
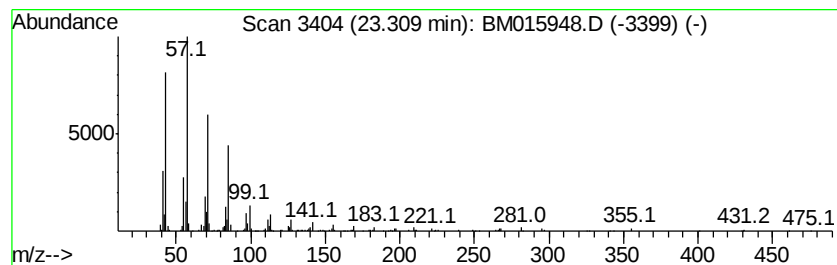
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	5.05 ng/ul	398077	Perylene-d12	24.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	96
2	Hexacosane		366	C26H54	000630-01-3	93
3	Pentacosane		352	C25H52	000629-99-2	90
4	Heptacosane		380	C27H56	000593-49-7	90
5	Hentriacontane		437	C31H64	000630-04-6	90



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ClientSampleId :
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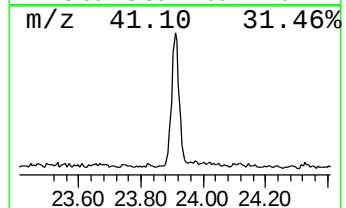
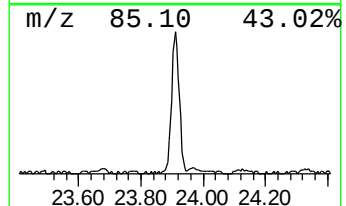
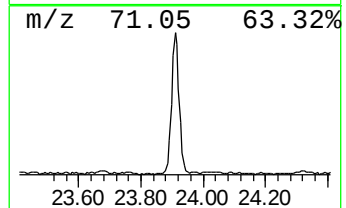
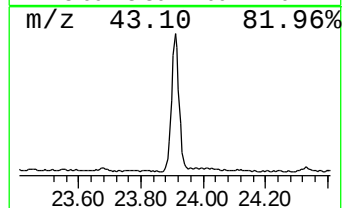
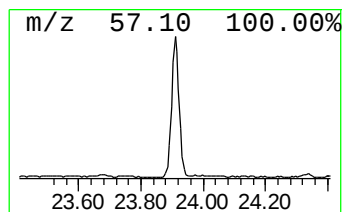
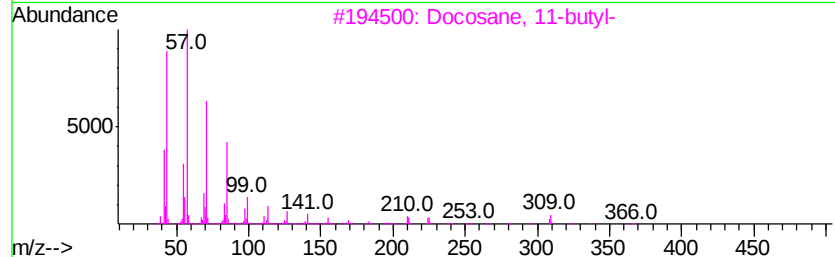
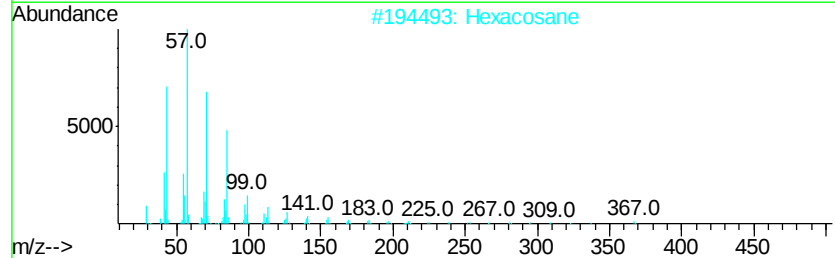
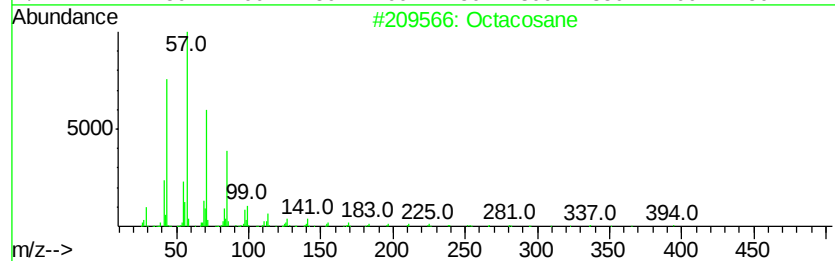
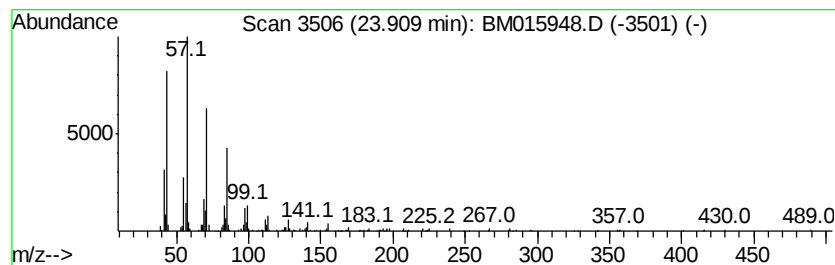
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	5.84 ng/ul	459977	Perylene-d12	24.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Hexatriacontane	507	C36H74	000630-06-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015948.D
Acq On : 13 Jul 2018 17:49
Operator : SJ/JU
Sample : J3937-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEMG3

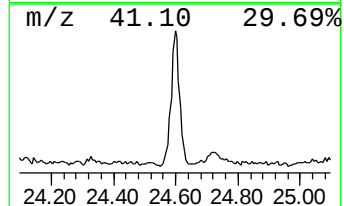
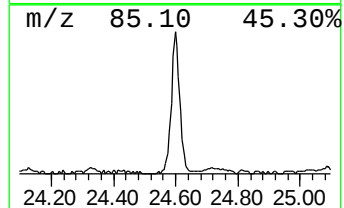
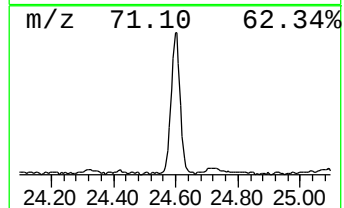
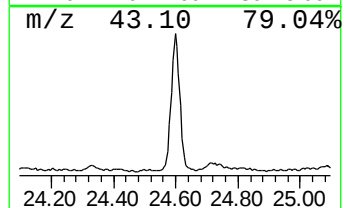
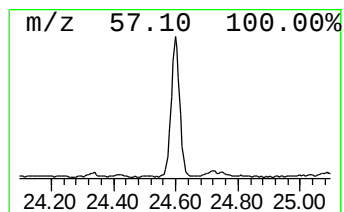
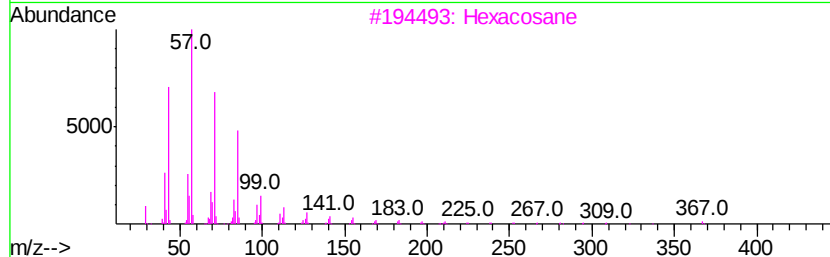
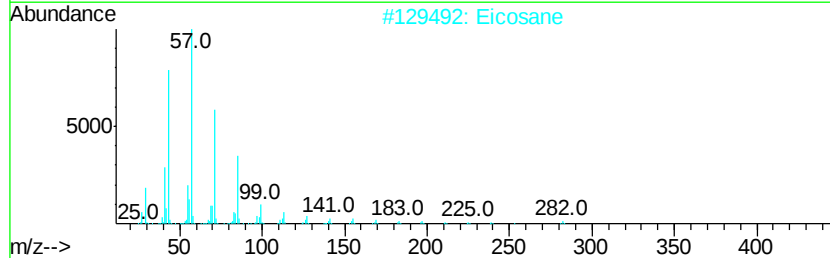
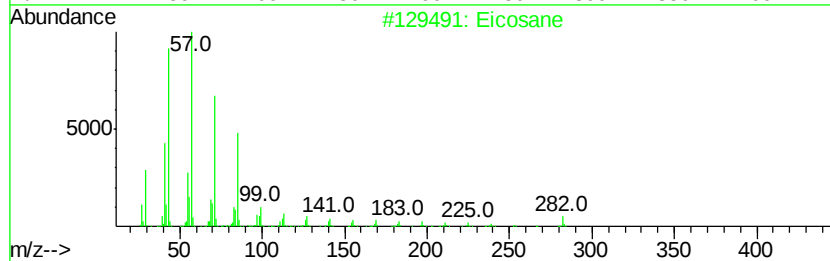
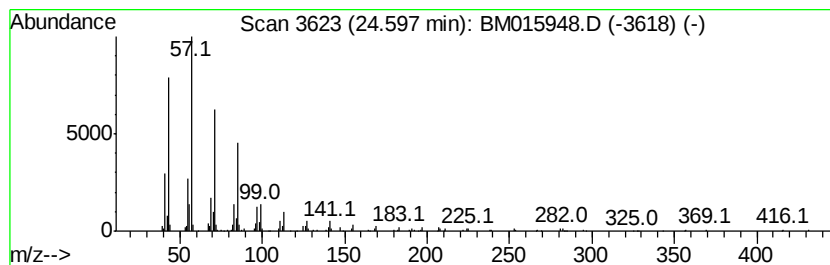
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	5.67 ng/ul	446979	Perylene-d12	24.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	95
3		Hexacosane	366	C26H54	000630-01-3	93
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
Data File : BM015948.D
Acq On : 13 Jul 2018 17:49
Operator : SJ/JU
Sample : J3937-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEMG3

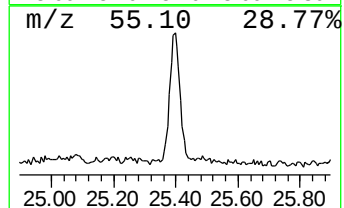
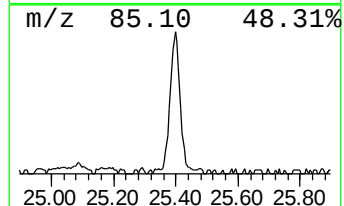
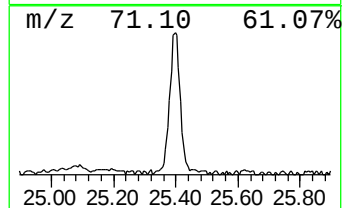
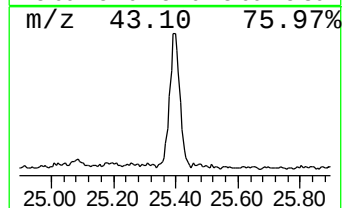
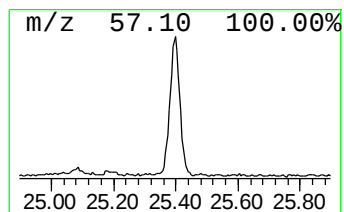
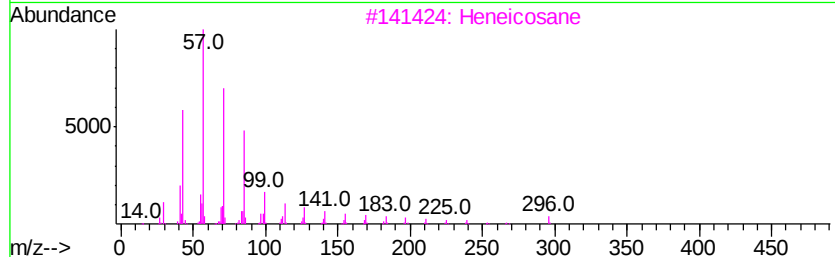
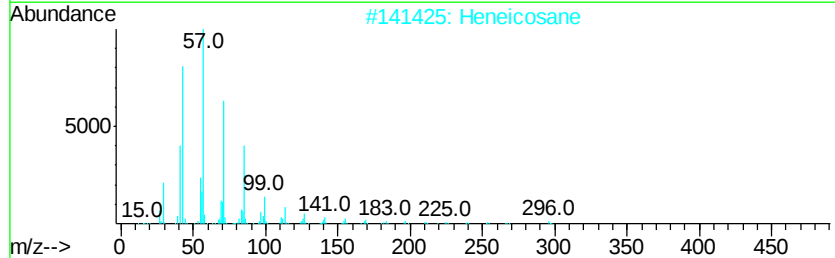
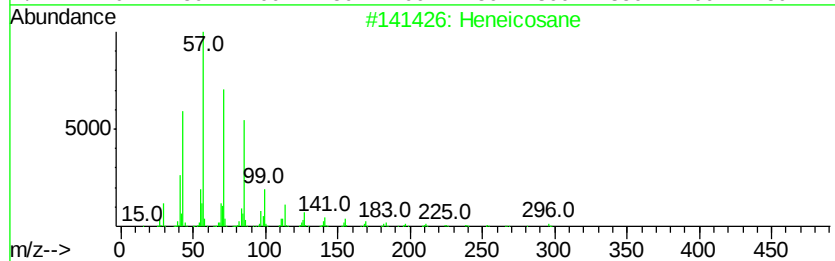
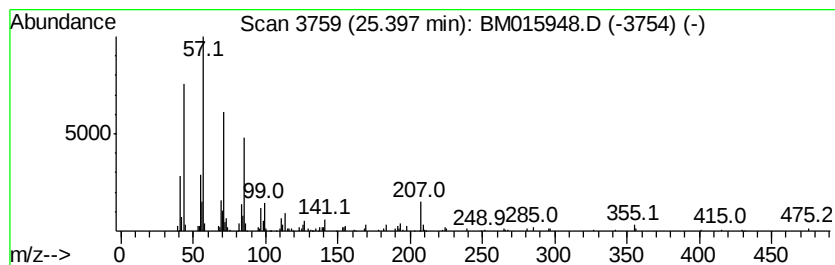
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.40	3.81 ng/ul	300426	Perylene-d12	24.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Heneicosane	296	C21H44	000629-94-7	98
3			Heneicosane	296	C21H44	000629-94-7	95
4			Hexatriacontane	507	C36H74	000630-06-8	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071318\
Data File : BM015948.D
Acq On : 13 Jul 2018 17:49
Operator : SJ/JU
Sample : J3937-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEMG3

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	10.0	ng/ul	579622	4	17.62	1160560	20.0
Octadecanoic acid	19.71	5.7	ng/ul	440513	5	21.73	1534270	20.0
Trichloroacetic a...	21.40	4.7	ng/ul	358561	5	21.73	1534270	20.0
(DEL) Alkane: Str...	22.77	3.7	ng/ul	287054	5	21.73	1534270	20.0
(DEL) Alkane: Str...	23.31	5.0	ng/ul	398077	6	24.13	1575350	20.0
(DEL) Alkane: Str...	23.91	5.8	ng/ul	459977	6	24.13	1575350	20.0
(DEL) Alkane: Str...	24.60	5.7	ng/ul	446979	6	24.13	1575350	20.0
(DEL) Alkane: Str...	25.40	3.8	ng/ul	300426	6	24.13	1575350	20.0