

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
 Data File : BM005896.D
 Acq On : 21 Jun 2016 18:11
 Operator : UM/SJ
 Sample : H3612-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z20

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.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	6.846	716	724	734	rBV	502260	852800	11.01%	1.335%
2	7.016	746	753	763	rBV	380904	609544	7.87%	0.955%
3	7.210	776	786	795	rBV	484686	793728	10.25%	1.243%
4	7.675	858	865	873	rBV	470960	779032	10.06%	1.220%
5	8.375	977	984	995	rBV	685447	1132027	14.62%	1.773%
6	8.828	1054	1061	1073	rBV	471285	805716	10.40%	1.262%
7	9.545	1176	1183	1192	rBV	342323	588604	7.60%	0.922%
8	10.075	1266	1273	1284	rBV	650480	1142400	14.75%	1.789%
9	10.457	1330	1338	1346	rBV	785060	1344190	17.36%	2.105%
10	10.598	1352	1362	1378	rBV	597834	1131284	14.61%	1.772%
11	13.733	1889	1895	1900	rBV	1316456	1997037	25.79%	3.127%
12	13.780	1900	1903	1913	rVB	444920	700233	9.04%	1.097%
13	14.016	1932	1943	1951	rBV	1454767	2348989	30.33%	3.679%
14	14.322	1984	1995	2002	rBV2	1301851	2157561	27.86%	3.379%
15	14.439	2010	2015	2021	rVB2	98898	147895	1.91%	0.232%
16	14.516	2021	2028	2036	rBV	668053	1014018	13.09%	1.588%
17	15.321	2158	2165	2174	rBV	1981362	3094968	39.96%	4.847%
18	15.433	2178	2184	2195	rVV	500988	714354	9.22%	1.119%
19	16.057	2285	2290	2298	rBV	54512	102822	1.33%	0.161%
20	17.068	2456	2462	2470	rBV2	1889418	2789622	36.02%	4.369%
21	17.168	2473	2479	2492	rVB2	2459232	3597605	46.46%	5.634%
22	17.980	2612	2617	2626	rBV	211315	341649	4.41%	0.535%
23	18.551	2709	2714	2720	rBV2	80955	118090	1.52%	0.185%
24	19.262	2832	2835	2843	rBV	138149	224582	2.90%	0.352%
25	19.468	2864	2870	2878	rBV	3390365	4610873	59.54%	7.221%
26	20.992	3125	3129	3137	rBV2	210673	331488	4.28%	0.519%
27	21.198	3160	3164	3169	rBV	183020	236581	3.05%	0.370%
28	21.262	3170	3175	3184	rVV	3089893	4057780	52.40%	6.354%
29	21.874	3275	3279	3281	rBV2	287340	464945	6.00%	0.728%
30	21.898	3281	3283	3288	rVB	359658	449315	5.80%	0.704%
31	22.033	3301	3306	3310	rBV	375727	546355	7.05%	0.856%
32	22.456	3375	3378	3386	rVB	272266	409812	5.29%	0.642%
33	22.839	3437	3443	3458	rVB	4723213	7744259	100.00%	12.128%
34	23.344	3522	3529	3535	rBV2	2723659	5223722	67.45%	8.180%

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35	23.486	3547	3553	3563	rVB	2251875	4297631	55.49%	6.730%
36	24.044	3642	3648	3657	rBV	990216	2102949	27.15%	3.293%
37	24.127	3658	3662	3669	rVB	252170	461736	5.96%	0.723%
38	25.233	3844	3850	3861	rVB	403389	977118	12.62%	1.530%
39	26.521	4062	4069	4083	rVB5	732361	2267205	29.28%	3.550%
40	27.280	4192	4198	4214	rVB7	327300	1146404	14.80%	1.795%

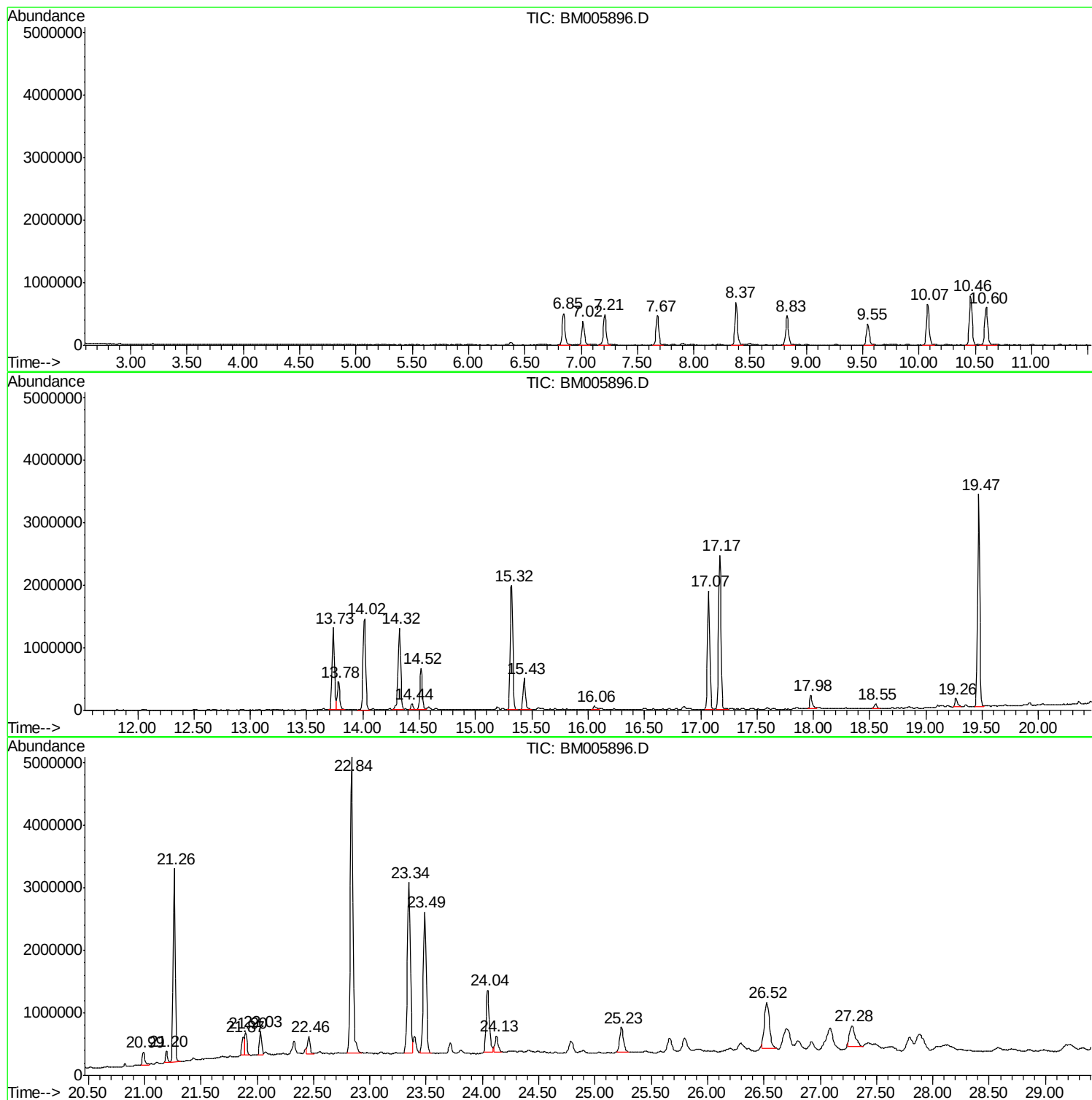
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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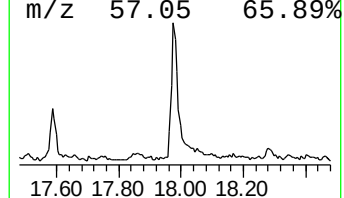
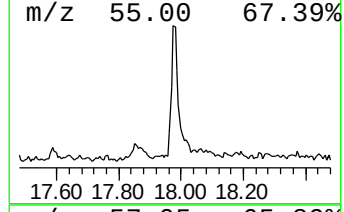
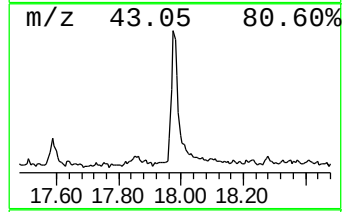
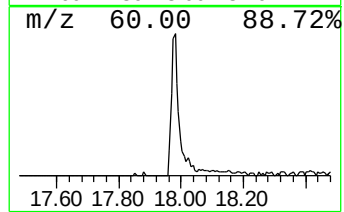
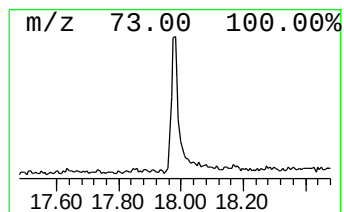
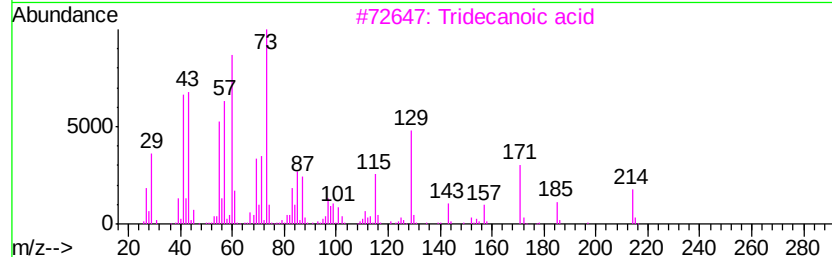
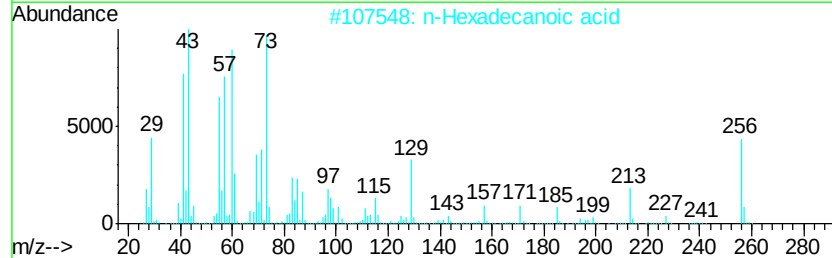
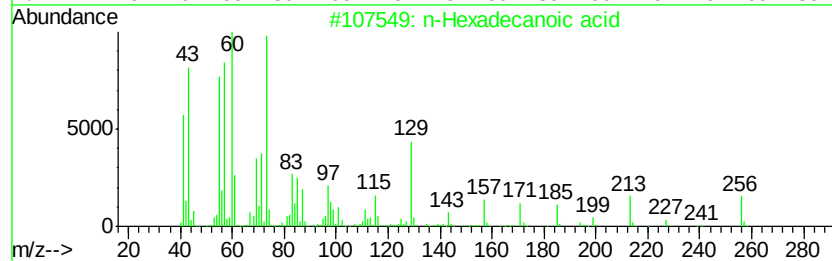
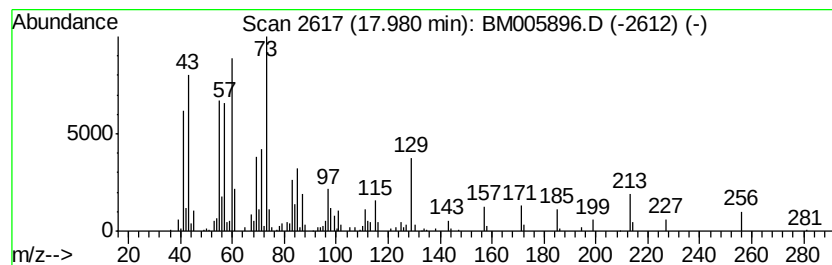
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.45 ng/ul	341649	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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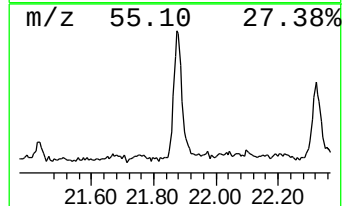
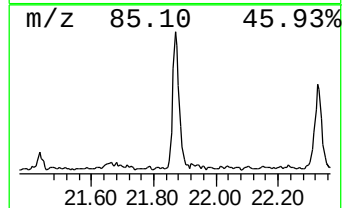
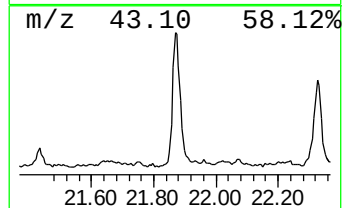
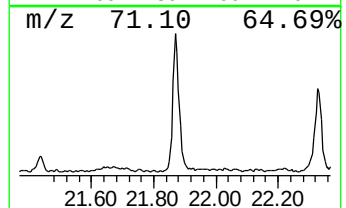
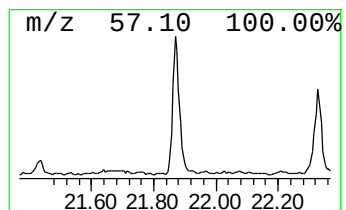
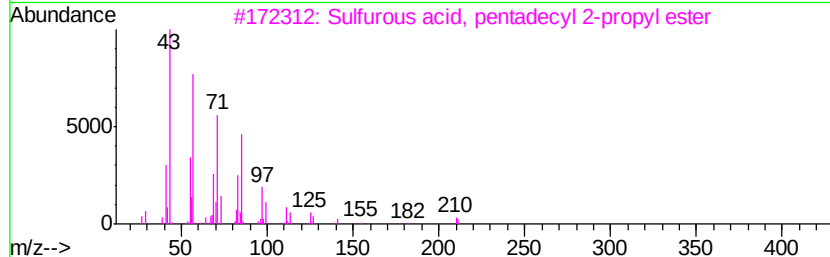
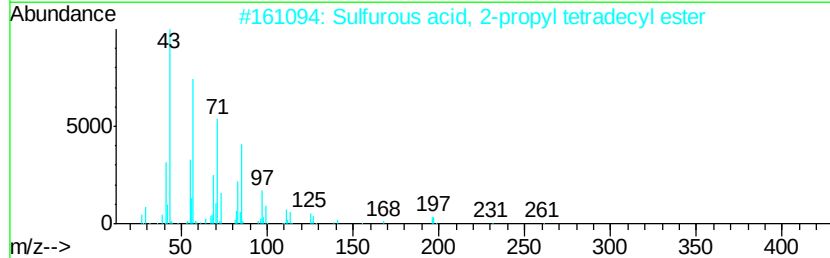
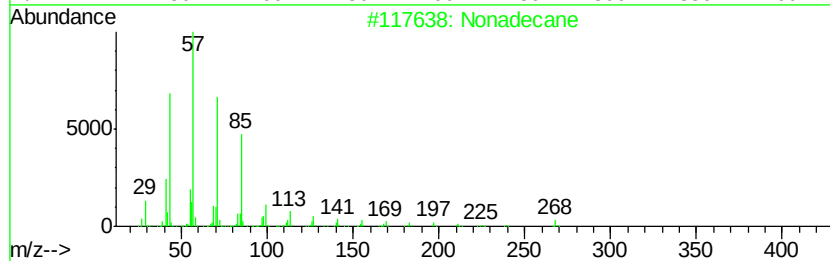
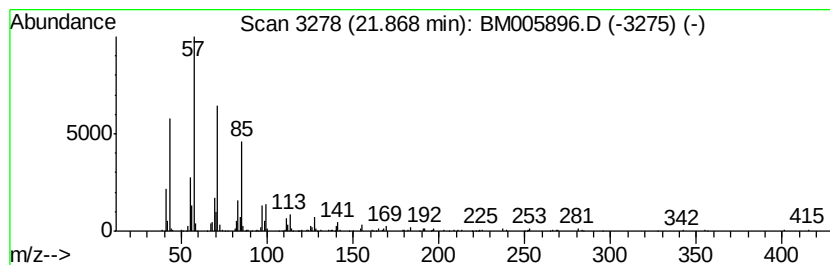
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.29 ng/ul	464945	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	91
3		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
4		Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	87
5		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87



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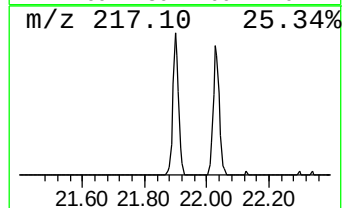
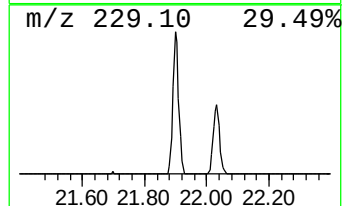
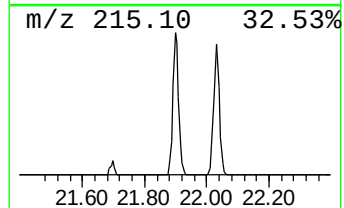
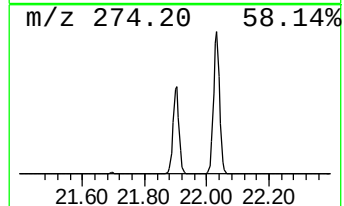
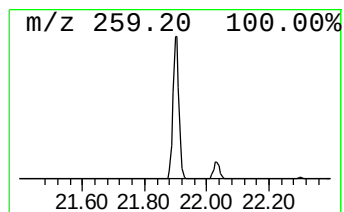
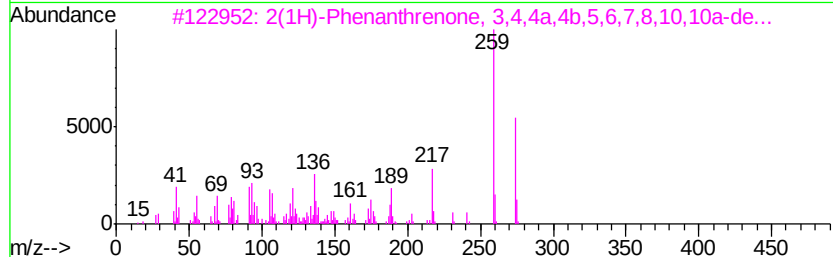
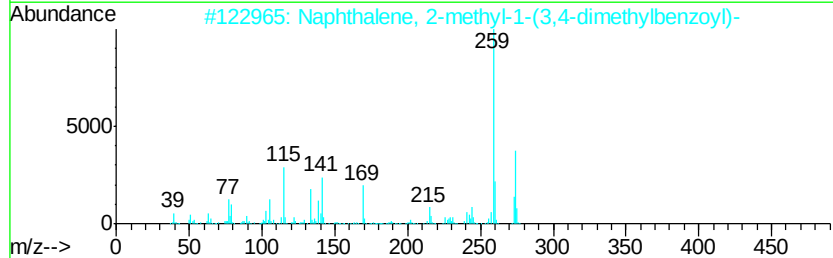
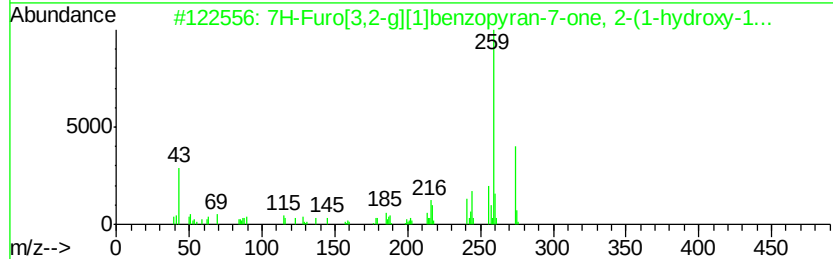
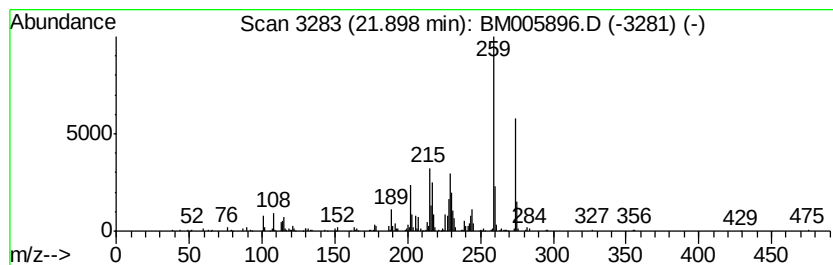
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Peak Number 3 7H-Furo[3,2-g][1]benzopyran... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.90	2.21 ng/ul	449315	Chrysene-d12	21.26		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Furo[3,2-g][1]benzopyran-7-on...	274	C15H14O5	054087-32-0	50	
2	Naphthalene, 2-methyl-1-(3,4-dim...	274	C20H18O	1000269-03-0	50	
3	2(1H)-Phenanthrenone, 3,4,4a,4b...	274	C19H13O	007715-44-8	49	
4	9-Methyl-3-phenyl-9H-pyridazino(...	259	C17H13N3	003980-90-3	38	
5	[2](1,4)Naphthaleno[2](2,6)pyrid...	259	C19H17N	099677-63-1	35	



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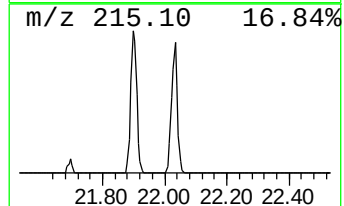
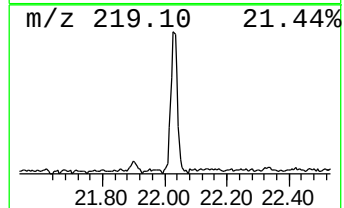
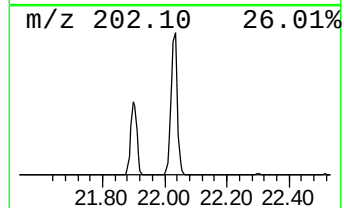
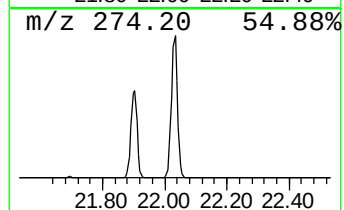
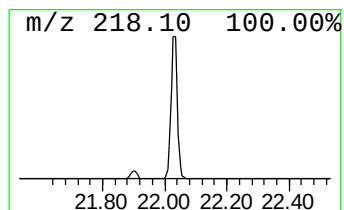
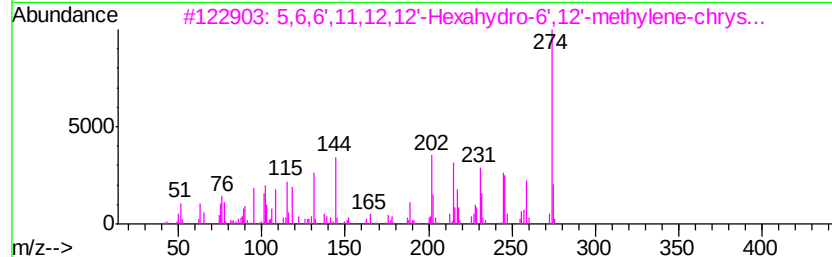
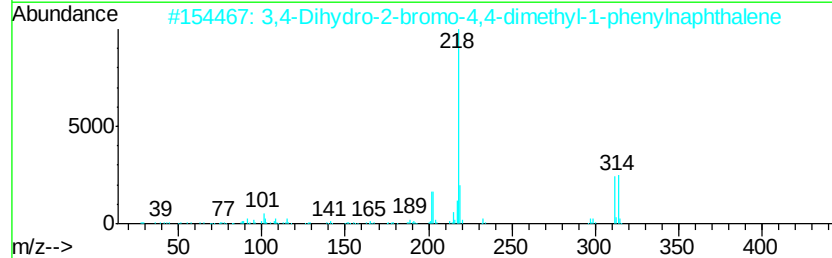
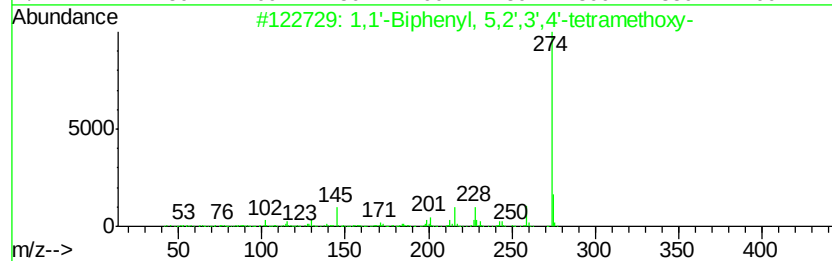
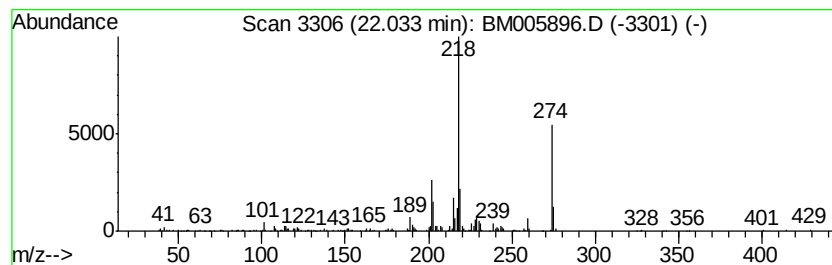
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Peak Number 4 1,1'-Biphenyl, 5,2',3',4'-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	2.69 ng/ul	546355	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	56
2		3,4-Dihydro-2-bromo-4,4-dimethyl...	312	C18H17Br	071161-44-9	50
3		5,6,6',11,12,12'-Hexahydro-6',12...	274	C19H14O2	111977-22-1	50
4		2,4-Diethoxyquinazoline	218	C12H14N2O2	000611-65-4	43
5		4H-Benzo[e]pyrido[1,2-a]benzimid...	218	C15H10N2	000239-25-8	43



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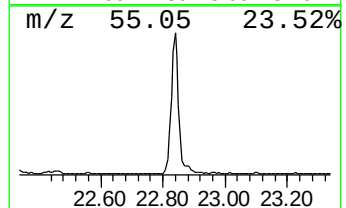
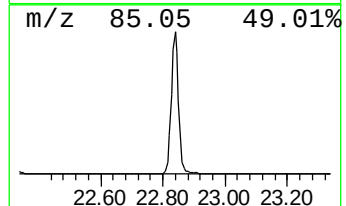
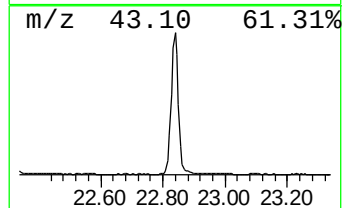
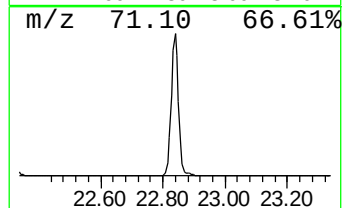
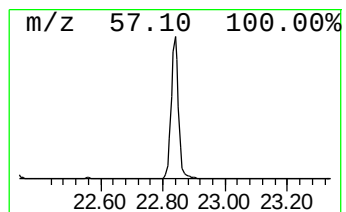
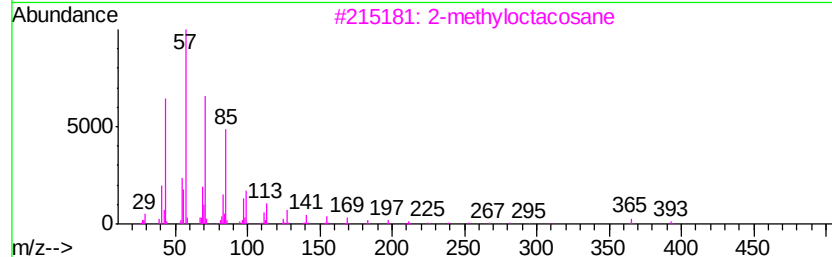
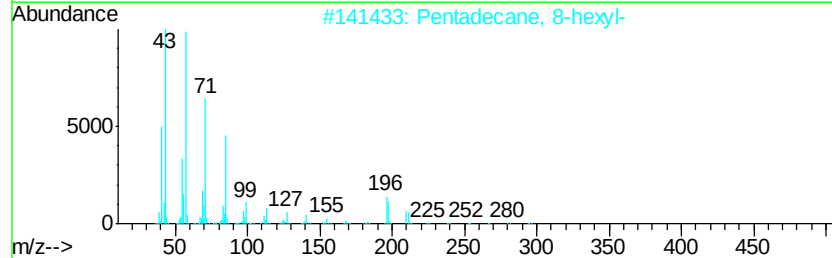
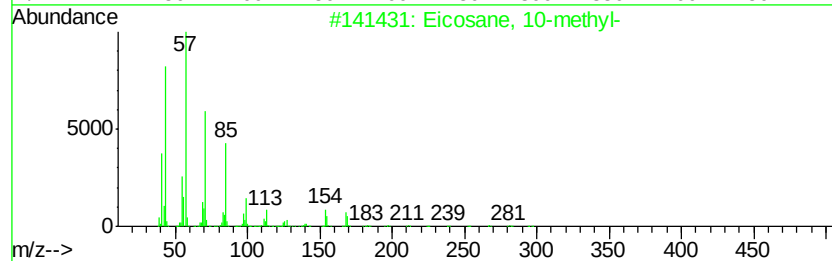
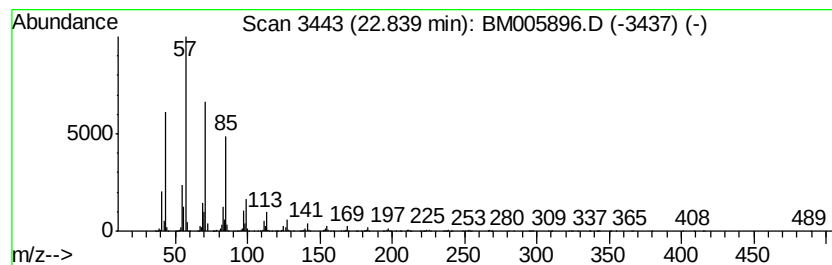
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	36.04 ng/ul	7744260	Perylene-d12	23.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94	
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93	
3	2-methyloctacosane	408	C29H60	1000376-72-8	91	
4	Heneicosane	296	C21H44	000629-94-7	91	
5	Heneicosane	296	C21H44	000629-94-7	91	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005896.D
Acq On : 21 Jun 2016 18:11
Operator : UM/SJ
Sample : H3612-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z20

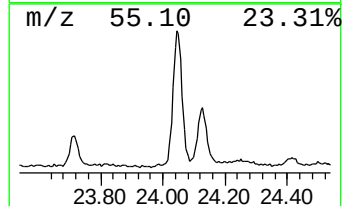
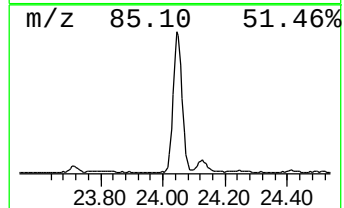
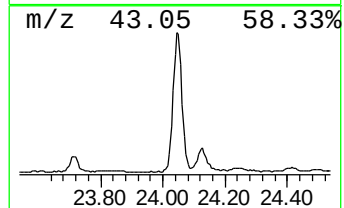
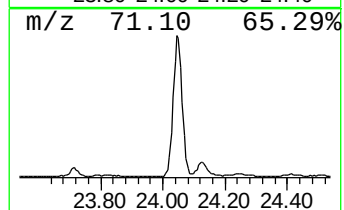
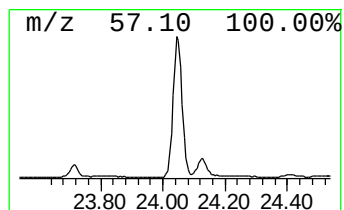
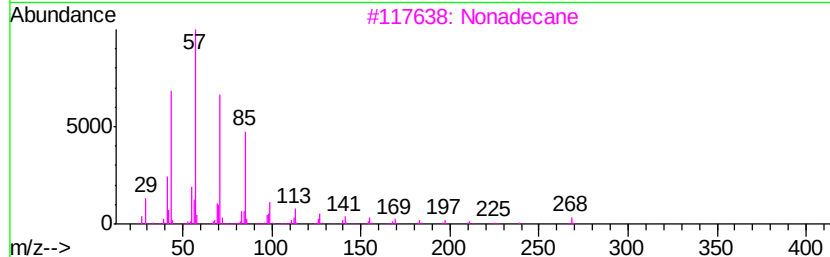
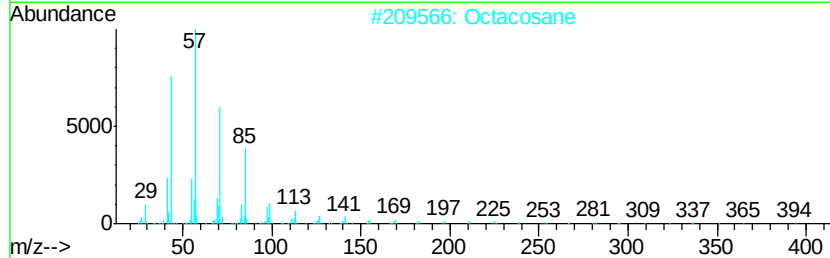
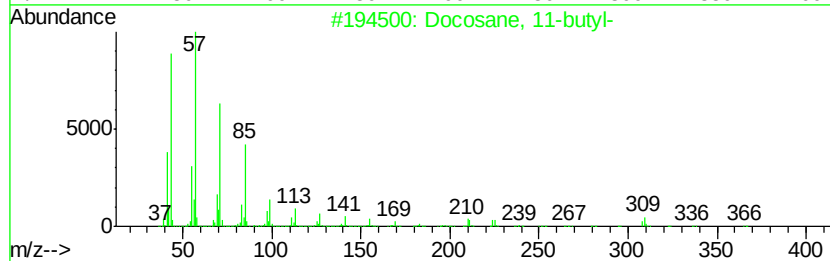
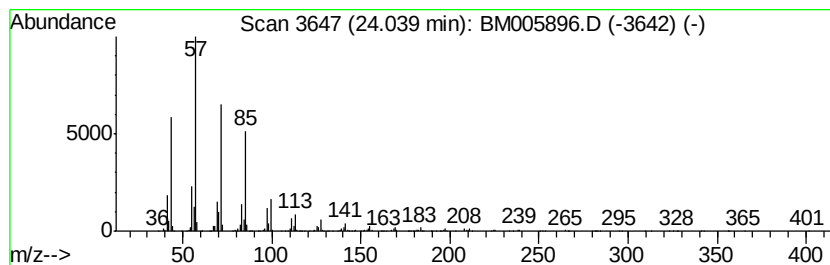
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	9.79 ng/ul	2102950	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Nonadecane	268	C19H40	000629-92-5	87
4		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	86
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005896.D
Acq On : 21 Jun 2016 18:11
Operator : UM/SJ
Sample : H3612-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z20

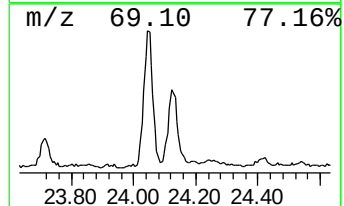
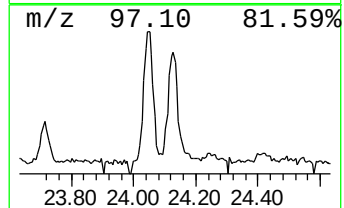
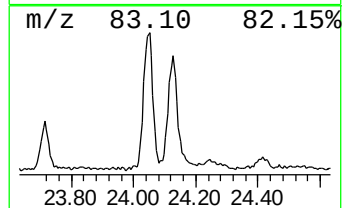
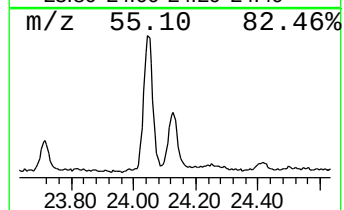
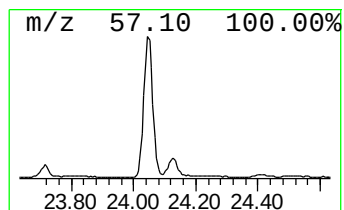
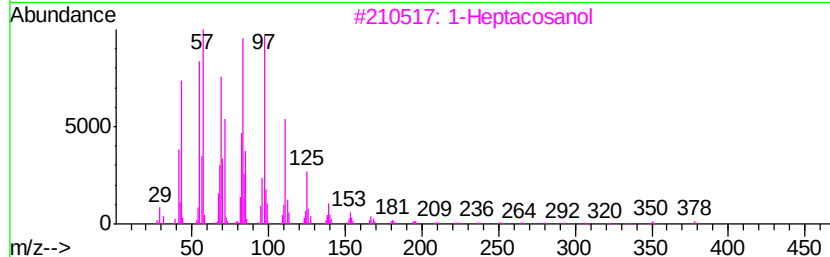
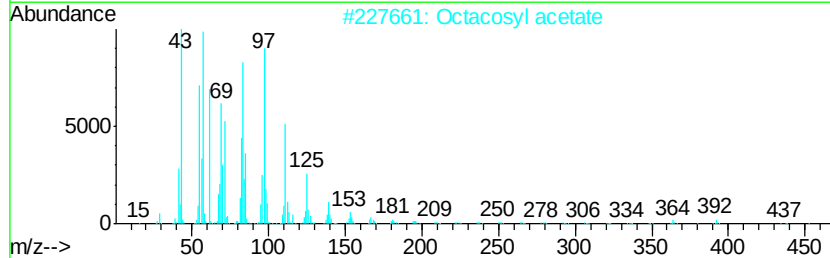
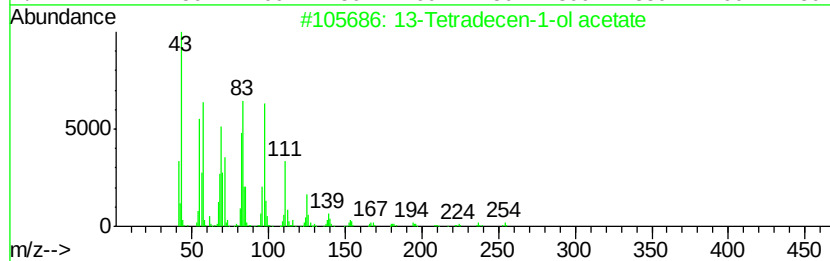
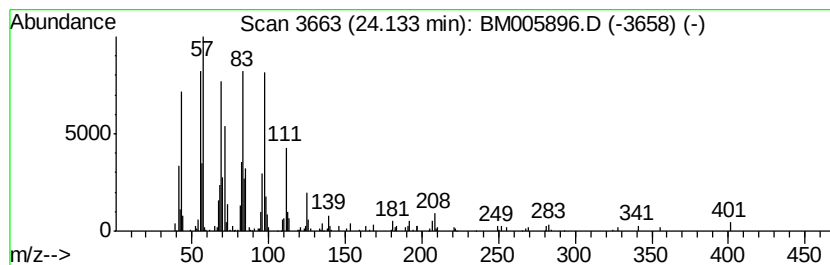
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 13-Tetradecen-1-ol acetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.15 ng/ul	461736	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	95
2		Octacosyl acetate	452	C30H60O2	018206-97-8	94
3		1-Heptacosanol	396	C27H56O	002004-39-9	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		Octacosanol	410	C28H58O	000557-61-9	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005896.D
Acq On : 21 Jun 2016 18:11
Operator : UM/SJ
Sample : H3612-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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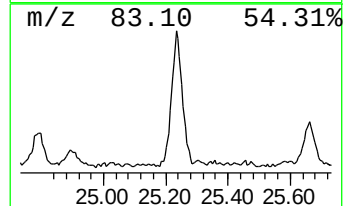
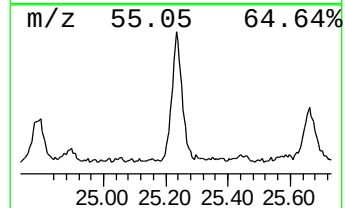
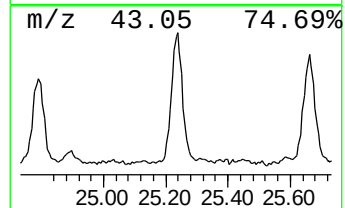
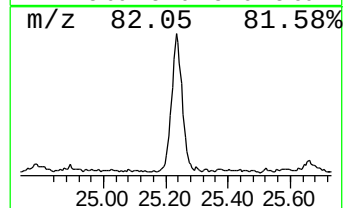
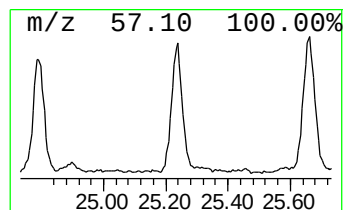
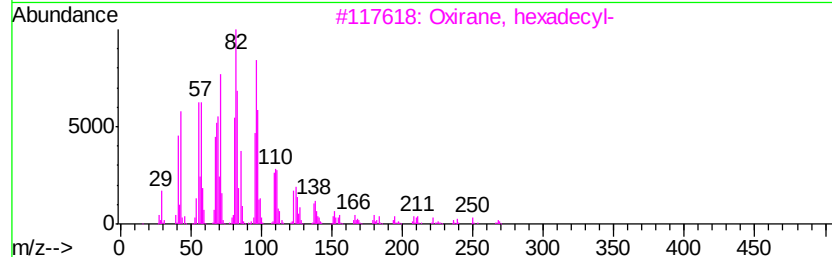
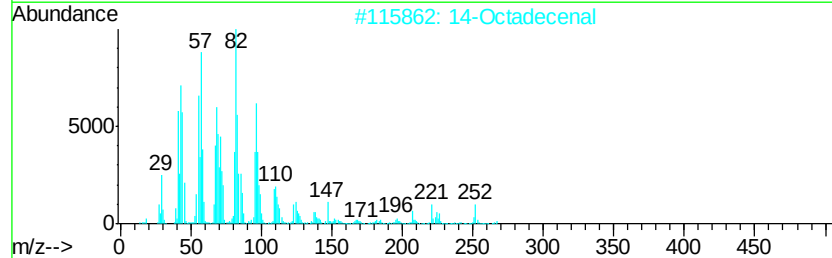
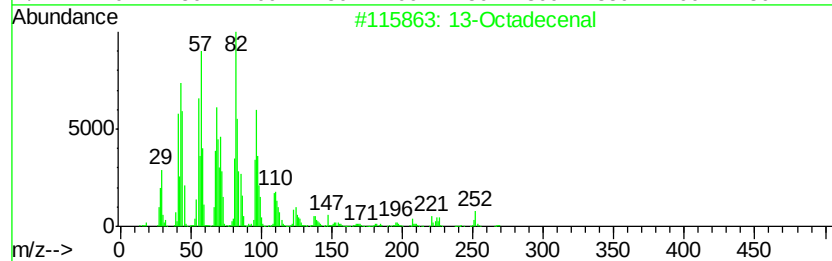
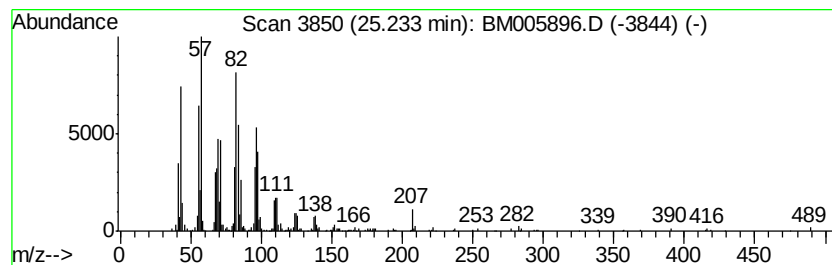
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 13-Octadecenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.23	4.55 ng/ul	977118	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Octadecenal	266	C18H34O	056554-90-6	94
2		14-Octadecenal	266	C18H34O	056554-89-3	94
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Tetradecanal	212	C14H28O	000124-25-4	91
5		17-Octadecenal	266	C18H34O	056554-86-0	89



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005896.D
Acq On : 21 Jun 2016 18:11
Operator : UM/SJ
Sample : H3612-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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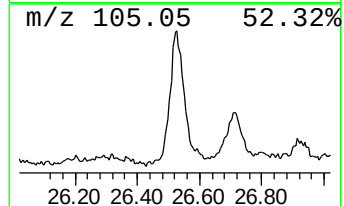
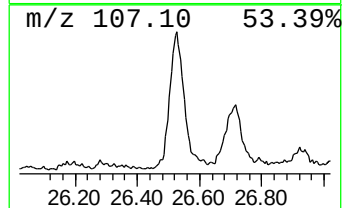
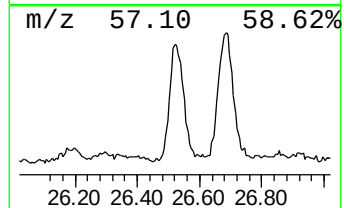
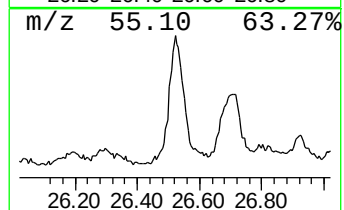
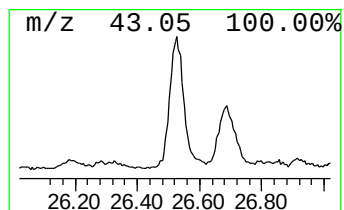
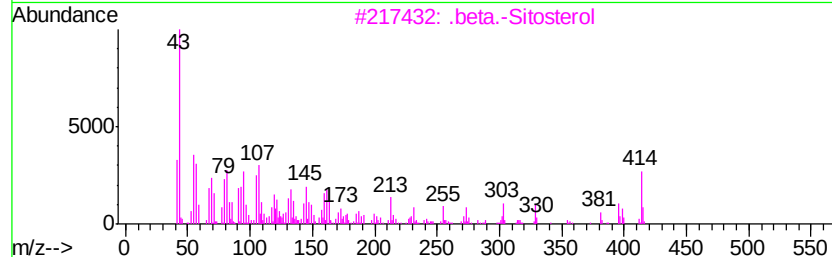
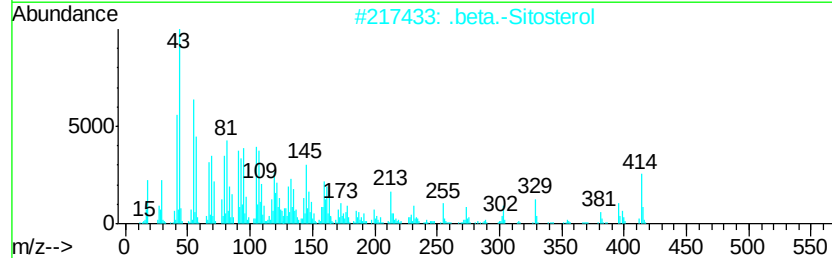
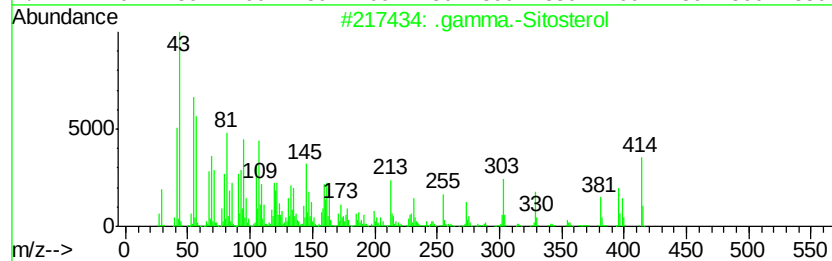
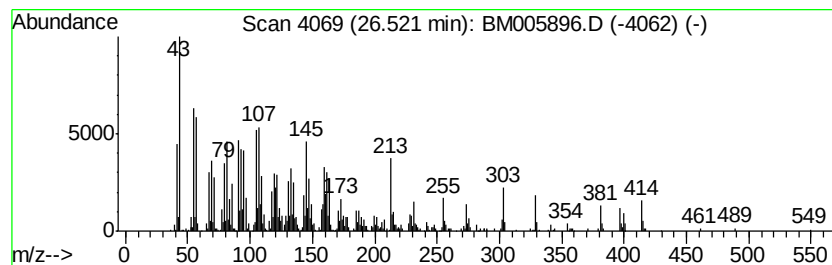
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.52	10.55 ng/ul	2267210	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	97
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	92
5		Stigmastan-3,5-diene	396	C29H48	1000214-16-4	55



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
Data File : BM005896.D
Acq On : 21 Jun 2016 18:11
Operator : UM/SJ
Sample : H3612-03
Misc :
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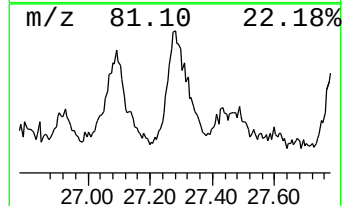
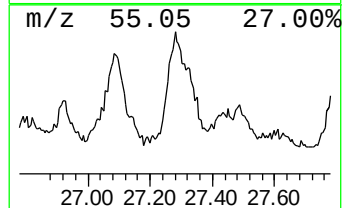
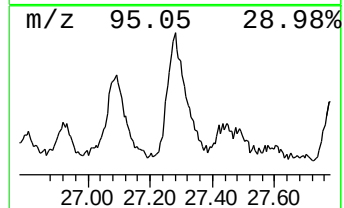
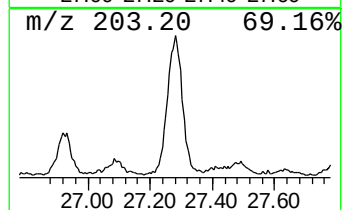
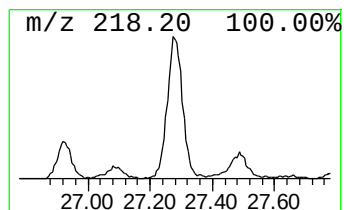
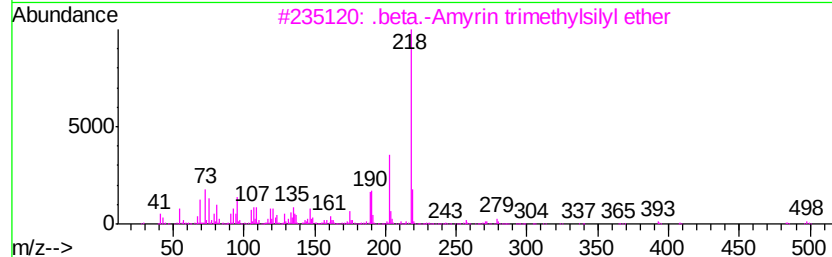
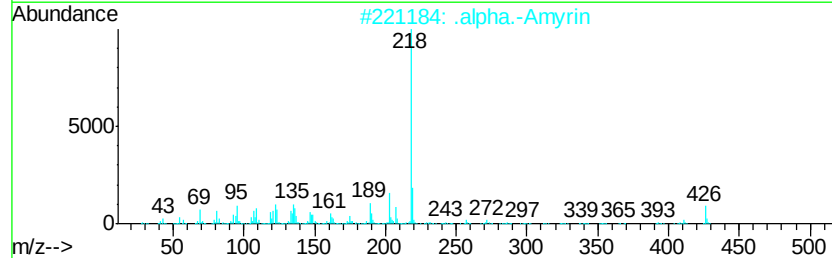
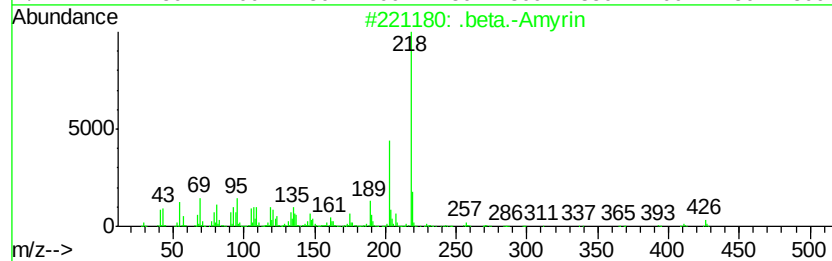
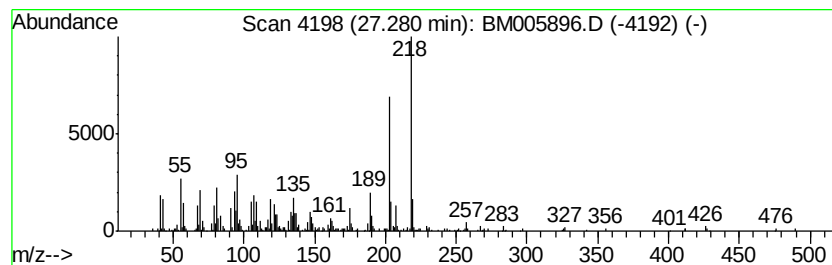
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 .beta.-Amyrin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.28	5.34 ng/ul	1146400	Perylene-d12	23.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Amyrin	426 C30H500	000559-70-6 94
2		.alpha.-Amyrin	426 C30H500	000638-95-9 83
3		.beta.-Amyrin trimethylsilyl ether	498 C33H58OSi	001721-67-1 64
4		.beta.-Amyrin	426 C30H500	000559-70-6 64
5		4,4,6a,6b,8a,11,11,14b-Octamethy...	424 C30H480	1000194-62-4 64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005896.D
Acq On : 21 Jun 2016 18:11
Operator : UM/SJ
Sample : H3612-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.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
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(DEL) Alkane: Str...	21.87	2.3	ng/ul	464945	5	21.26	4057780	20.0
7H-Furo[3,2-g][1]...	21.90	2.2	ng/ul	449315	5	21.26	4057780	20.0
1,1'-Biphenyl, 5,...	22.03	2.7	ng/ul	546355	5	21.26	4057780	20.0
(DEL) Alkane: Str...	22.84	36.0	ng/ul	7744260	6	23.49	4297630	20.0
(DEL) Alkane: Str...	24.04	9.8	ng/ul	2102950	6	23.49	4297630	20.0
13-Tetradecen-1-o...	24.13	2.1	ng/ul	461736	6	23.49	4297630	20.0
13-Octadecenal	25.23	4.5	ng/ul	977118	6	23.49	4297630	20.0
.gamma.-Sitosterol	26.52	10.6	ng/ul	2267210	6	23.49	4297630	20.0
.beta.-Amyrin	27.28	5.3	ng/ul	1146400	6	23.49	4297630	20.0