

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
 Data File : BM009756.D
 Acq On : 28 Apr 2017 00:41
 Operator : SJ/MA
 Sample : I2806-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSM0

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\SOM-EPA-BM042517.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	6.987	657	663	675	rVB	576364	958167	5.95%	0.925%
2	7.157	686	692	700	rVB	402872	621687	3.86%	0.600%
3	7.351	718	725	732	rBV2	554922	880895	5.47%	0.850%
4	7.822	798	805	813	rBV	586151	914434	5.68%	0.882%
5	8.522	918	924	935	rBV	668801	1056775	6.56%	1.020%
6	8.987	996	1003	1013	rBV	524965	867032	5.38%	0.837%
7	9.704	1119	1125	1132	rBV	416604	705584	4.38%	0.681%
8	10.239	1209	1216	1226	rBV	618007	1067743	6.63%	1.030%
9	10.616	1273	1280	1288	rBV	723905	1195809	7.42%	1.154%
10	10.763	1298	1305	1321	rBV	284242	569939	3.54%	0.550%
11	13.874	1828	1834	1839	rBV	1068186	1464848	9.09%	1.414%
12	13.922	1839	1842	1847	rVB	237658	298266	1.85%	0.288%
13	14.163	1876	1883	1889	rBV	1118987	1654059	10.27%	1.596%
14	14.469	1928	1935	1942	rBV2	956578	1468922	9.12%	1.418%
15	14.674	1963	1970	1985	rBV	580130	934513	5.80%	0.902%
16	15.463	2097	2104	2112	rBV	1555515	2165109	13.44%	2.089%
17	15.592	2119	2126	2135	rBV	557821	789736	4.90%	0.762%
18	17.215	2396	2402	2408	rBV	1214199	1761884	10.94%	1.700%
19	17.315	2413	2419	2427	rVV2	1668753	2415796	15.00%	2.331%
20	17.792	2495	2500	2509	rVB3	188599	297002	1.84%	0.287%
21	18.092	2546	2551	2558	rBV2	229780	353682	2.20%	0.341%
22	18.380	2595	2600	2609	rBV7	77322	188544	1.17%	0.182%
23	18.492	2614	2619	2626	rVB2	378618	508775	3.16%	0.491%
24	18.674	2645	2650	2658	rBV	1313666	1730486	10.74%	1.670%
25	18.827	2671	2676	2681	rVB	248054	338332	2.10%	0.326%
26	19.409	2772	2775	2782	rVB	223707	294009	1.83%	0.284%
27	19.609	2803	2809	2815	rVB	2251415	3120025	19.37%	3.011%
28	19.786	2835	2839	2844	rBV6	123944	187589	1.16%	0.181%
29	20.045	2879	2883	2888	rVB	1002811	1201616	7.46%	1.160%
30	20.103	2889	2893	2896	rBV	505195	653801	4.06%	0.631%
31	20.268	2917	2921	2923	rBV3	159021	214377	1.33%	0.207%
32	20.456	2949	2953	2955	rBV3	319929	379413	2.36%	0.366%
33	20.574	2969	2973	2976	rBV	189267	236741	1.47%	0.228%
34	20.798	3007	3011	3015	rBV6	140606	210608	1.31%	0.203%

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35	21.056	3051	3055	3056	rBV	231627	310330	1.93%	0.299%
36	21.086	3056	3060	3071	rVB	12432547	14227266	88.33%	13.730%
37	21.403	3108	3114	3126	rBV2	8022913	12518771	77.72%	12.081%
38	21.497	3127	3130	3133	rVB	555533	596971	3.71%	0.576%
39	21.992	3209	3214	3224	rBV	12973357	16106954	100.00%	15.544%
40	22.339	3265	3273	3283	rBV	6059994	12545447	77.89%	12.107%
41	23.015	3384	3388	3394	rVB4	371292	614596	3.82%	0.593%
42	23.568	3475	3482	3488	rVB2	1639877	3162338	19.63%	3.052%
43	23.715	3501	3507	3519	rVB	1186816	2501543	15.53%	2.414%
44	24.121	3574	3576	3584	rVB7	318477	529750	3.29%	0.511%
45	26.850	4031	4040	4055	rBV4	1323639	4181595	25.96%	4.035%
46	28.491	4309	4319	4336	rVB3	1285548	4622620	28.70%	4.461%

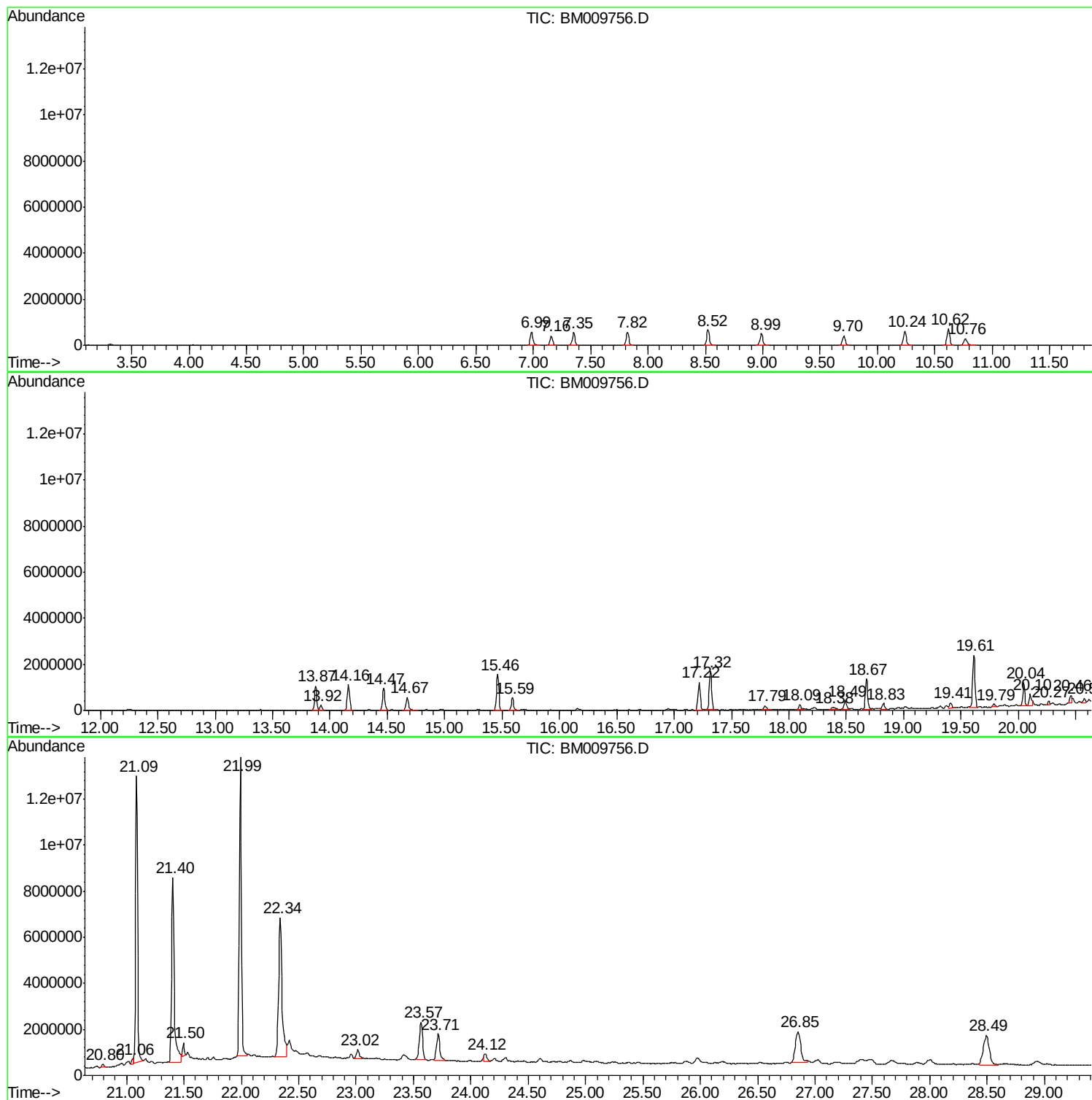
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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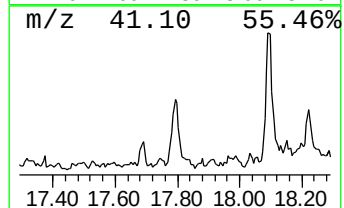
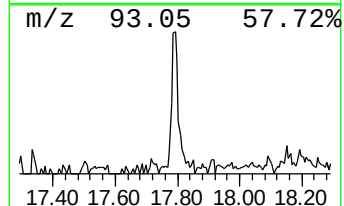
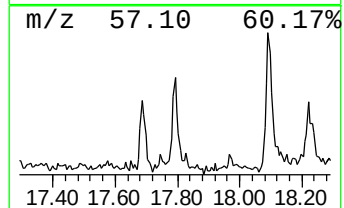
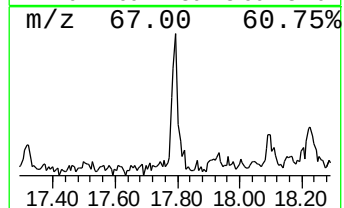
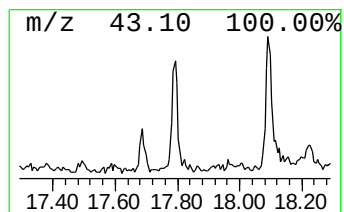
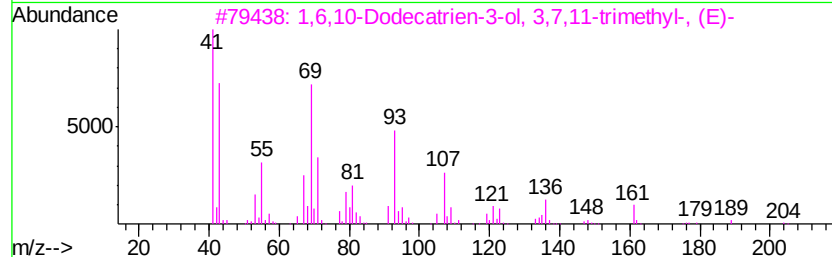
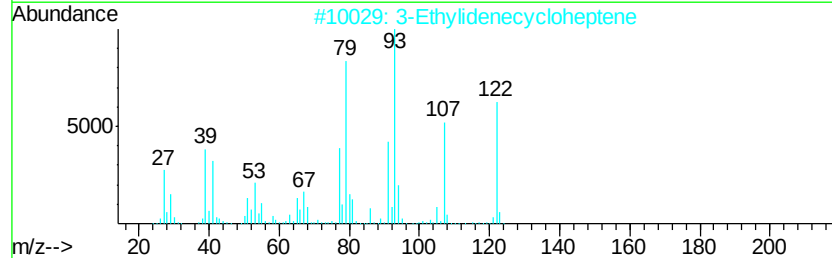
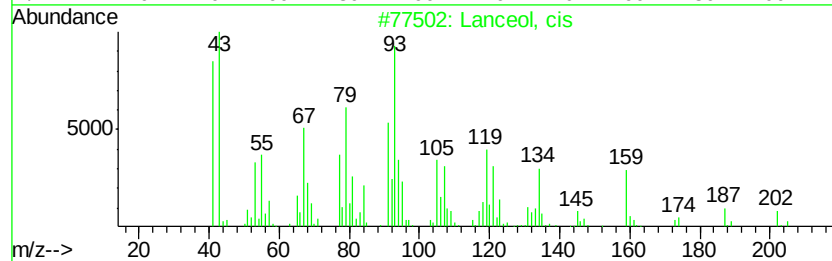
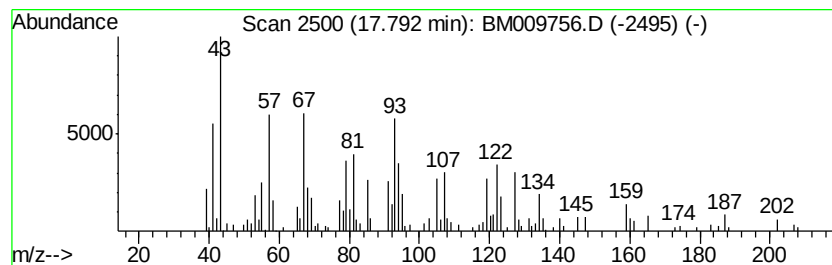
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.79	3.37 ng/ul	297002	Phenanthrene-d10	17.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lanceol, cis	220	C15H24O	010067-28-4	35
2	3-Ethylidenecycloheptene	122	C9H14	1000211-16-7	30
3	1,6,10-Dodecatrien-3-ol, 3,7,11-...	222	C15H26O	040716-66-3	27
4	3,6-Nonadien-1-ol, (E,Z)-	140	C9H16O	056805-23-3	25
5	Cyclohexanol, 2-methyl-5-(1-meth...	154	C10H18O	018675-33-7	22



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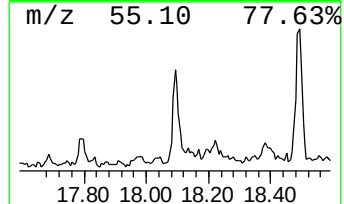
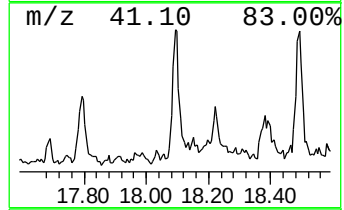
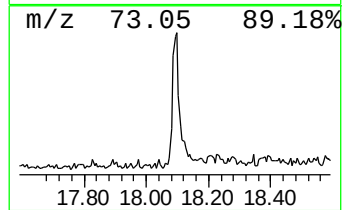
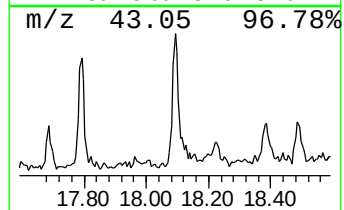
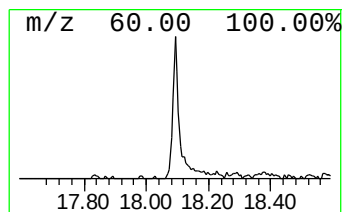
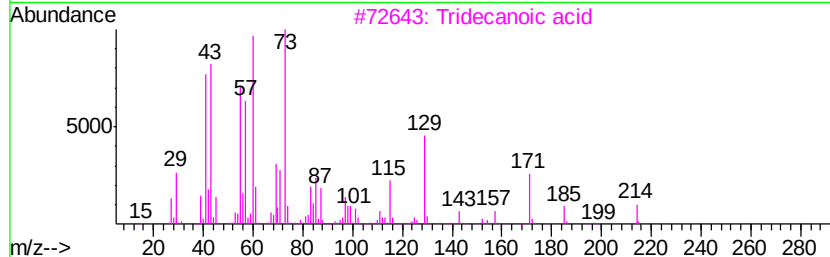
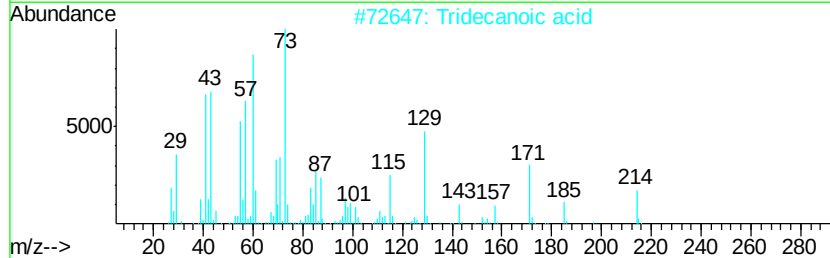
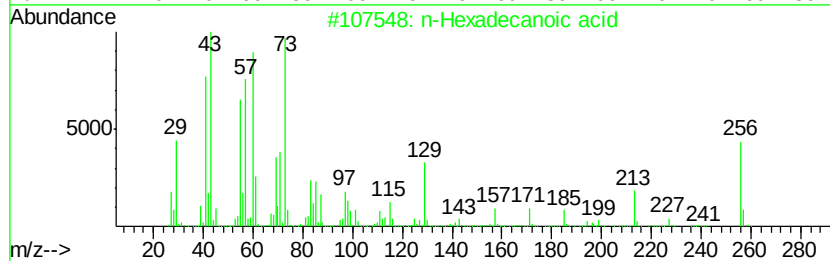
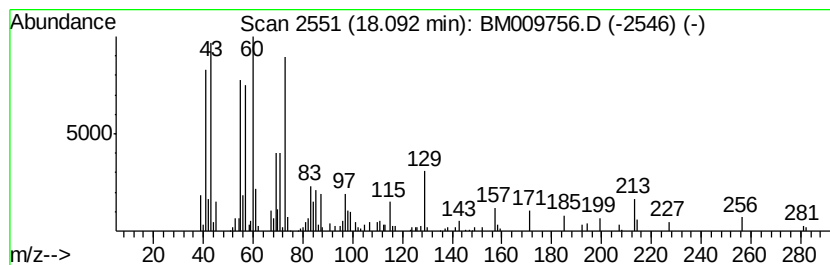
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	4.01 ng/ul	353682	Phenanthrene-d10	17.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90



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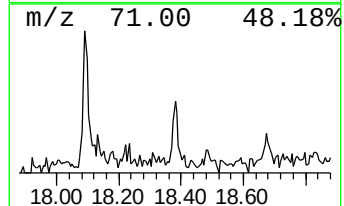
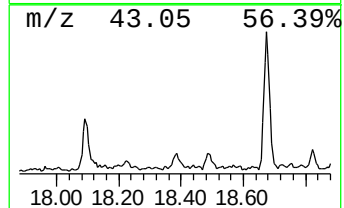
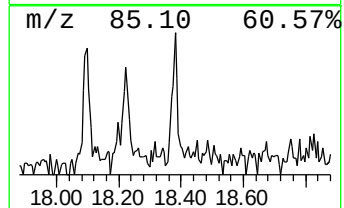
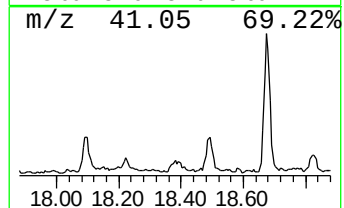
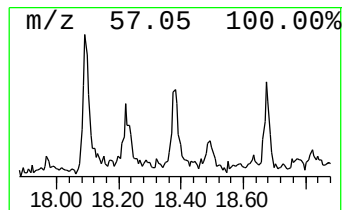
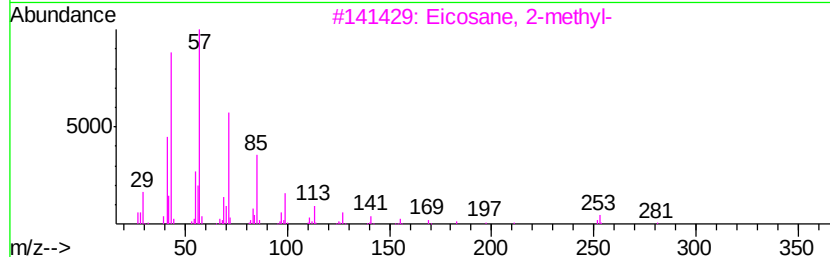
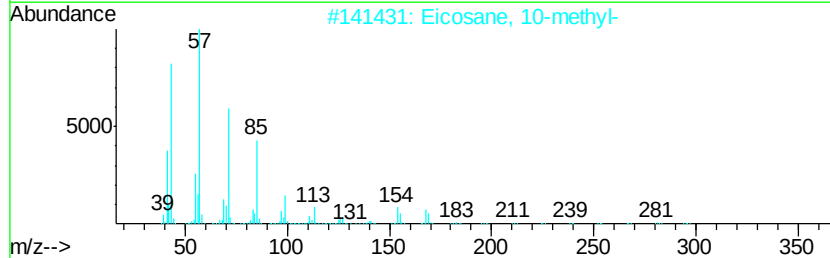
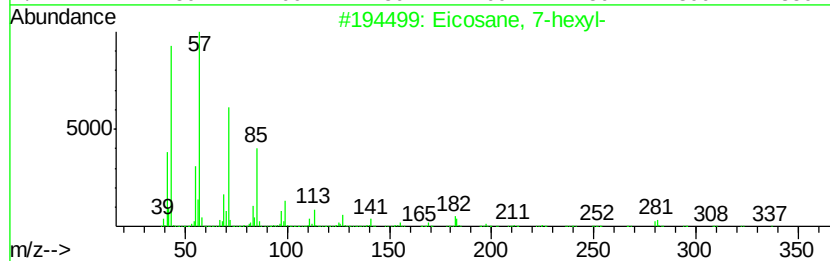
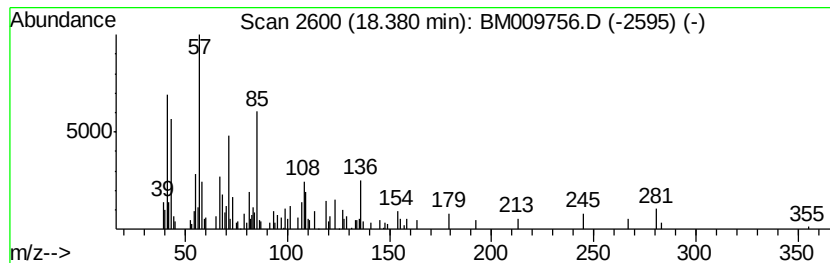
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.14 ng/ul	188544	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	27
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	25
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	22
4		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	22
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	22



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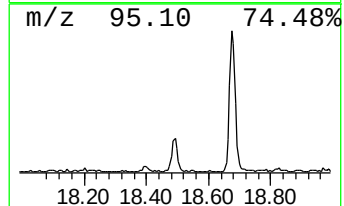
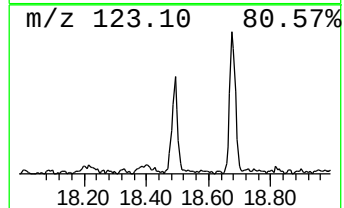
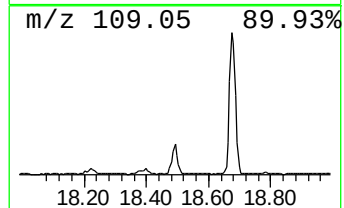
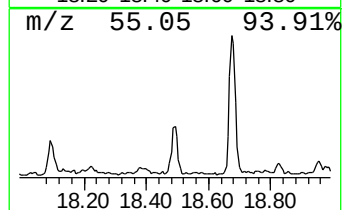
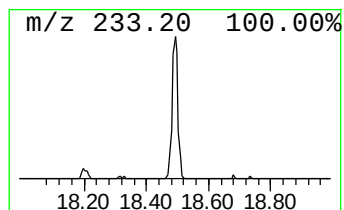
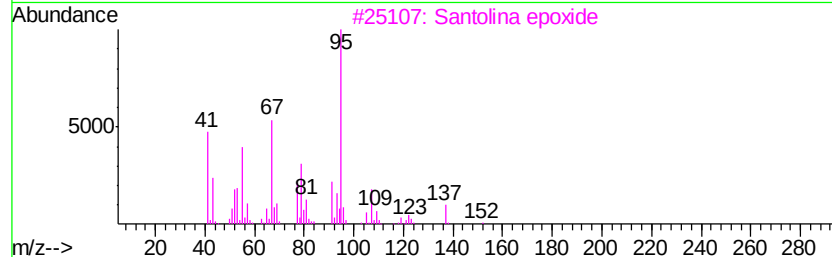
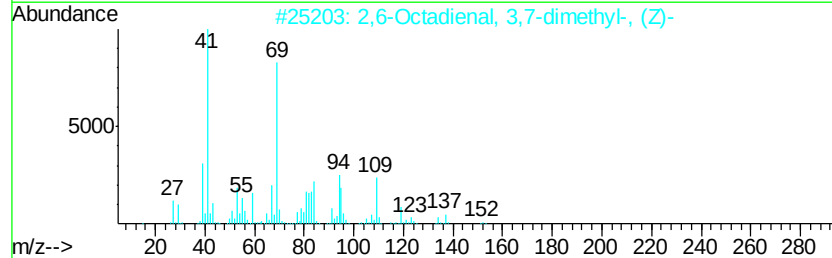
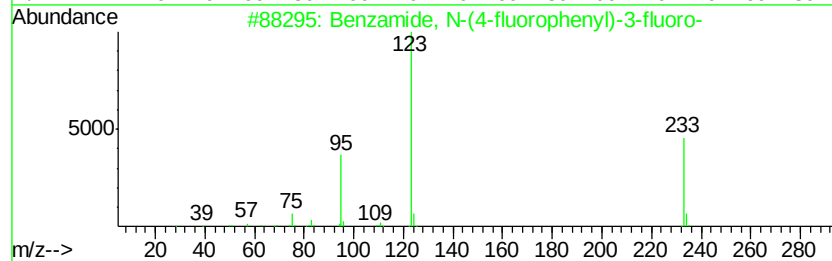
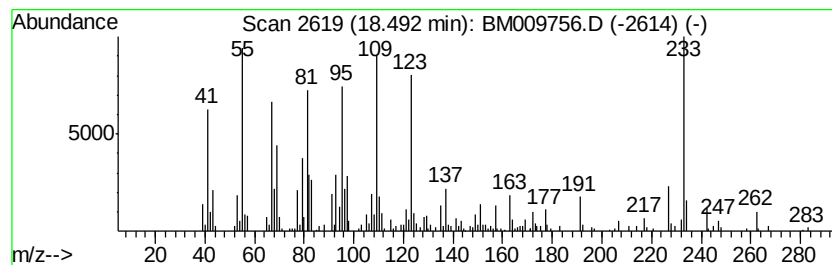
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Peak Number 4 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.49	5.78 ng/ul	508775	Phenanthrene-d10	17.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	47
2	2,6-Octadienal, 3,7-dimethyl-, (Z)-	152	C10H16O	000106-26-3	38
3	Santolina epoxide	152	C10H16O	060485-45-2	35
4	4,4-Diallyl-cyclohexanone	178	C12H18O	1000186-50-2	35
5	Benzeneacetic acid, 4-fluoro-.al...	168	C8H5FO3	002251-76-5	27



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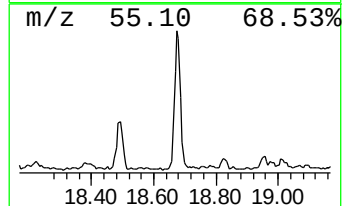
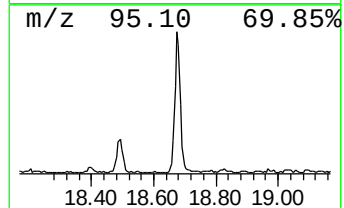
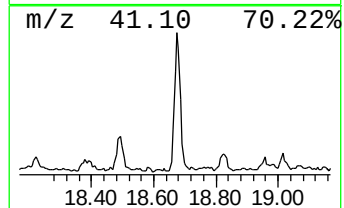
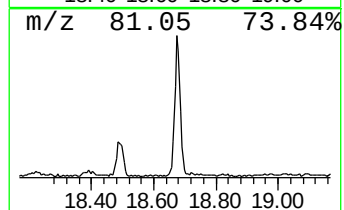
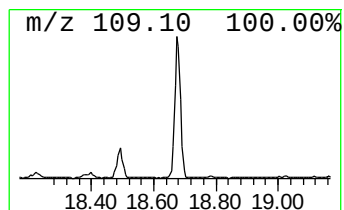
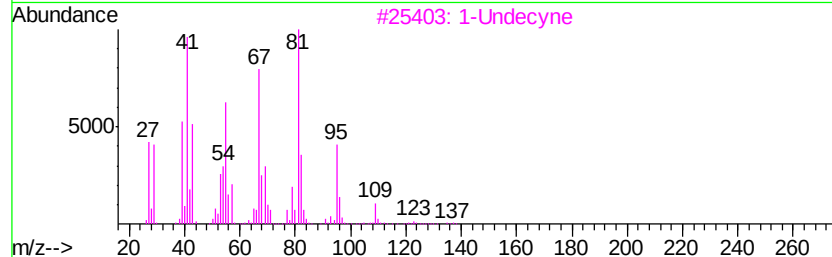
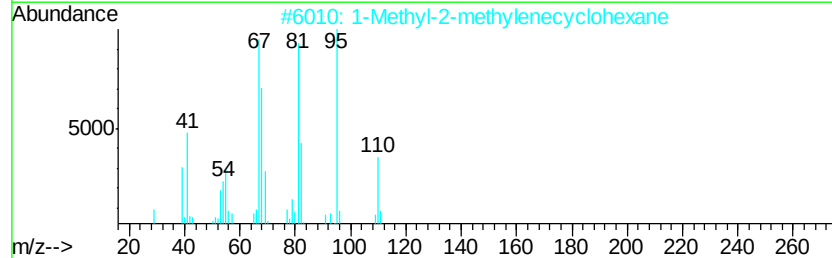
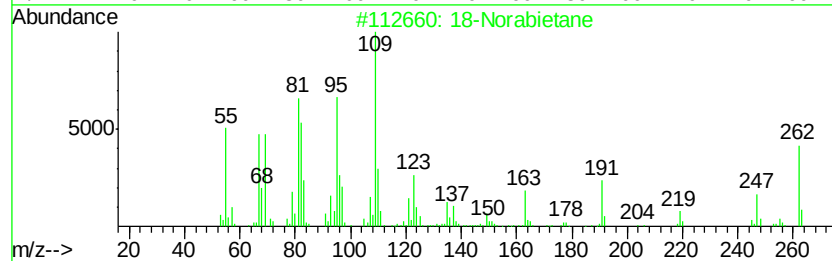
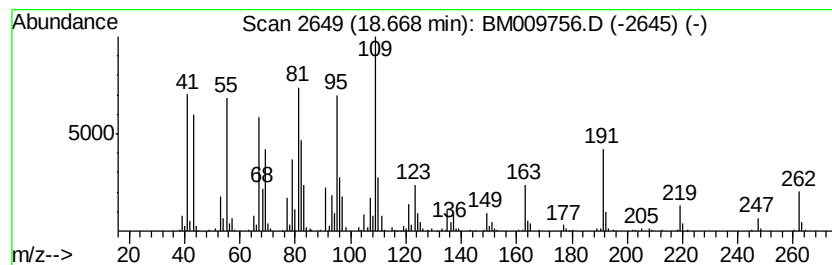
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 18-Norabietane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	19.64 ng/ul	1730490	Phenanthrene-d10	17.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane		262	C19H34	1000293-16-6	60
2	1-Methyl-2-methylenecyclohexane		110	C8H14	002808-75-5	38
3	1-Undecyne		152	C11H20	002243-98-3	35
4	7-Heptadecyne, 1-chloro-		270	C17H31Cl	056554-74-6	35
5	7-Heptadecyne, 17-chloro-		270	C17H31Cl	056554-75-7	35



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Acq On : 28 Apr 2017 00:41
Operator : SJ/MA
Sample : I2806-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

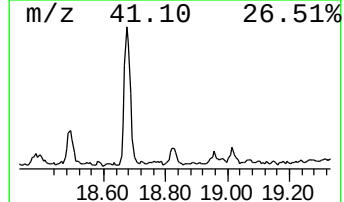
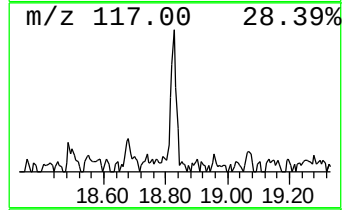
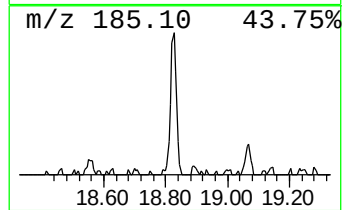
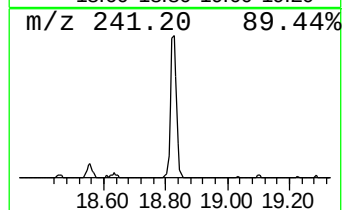
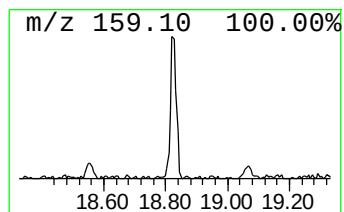
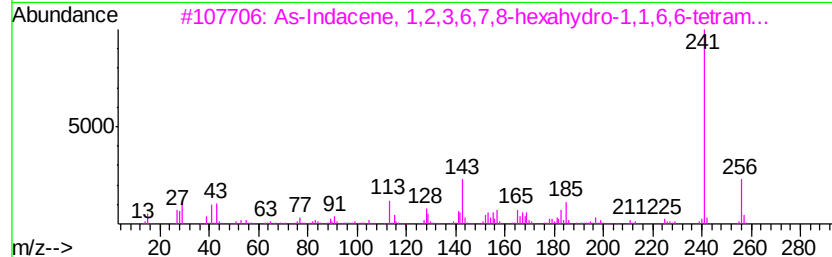
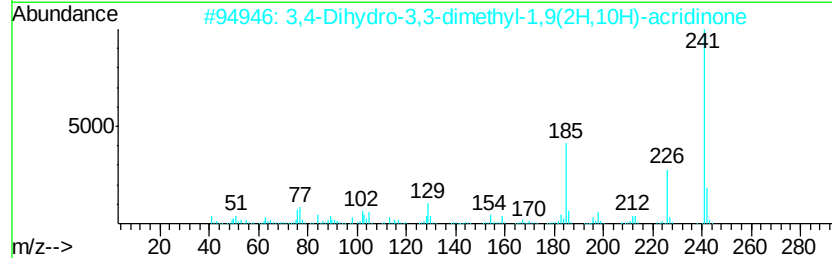
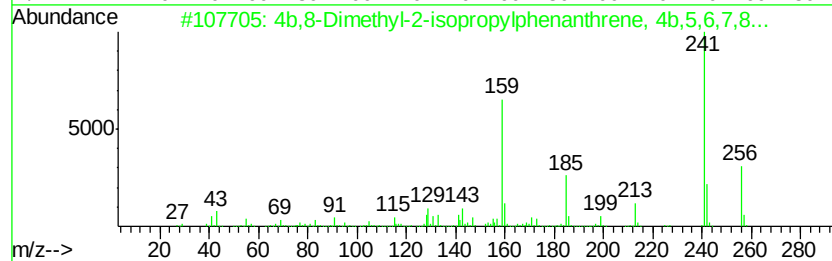
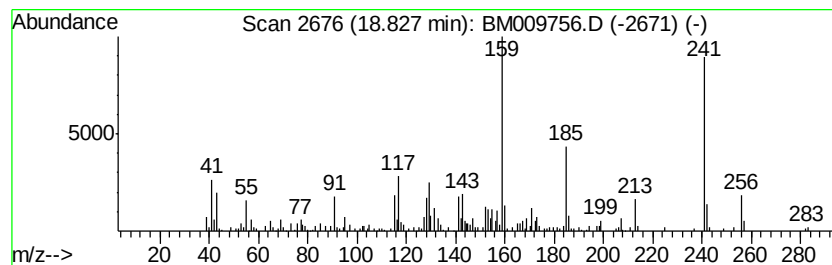
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 4b,8-Dimethyl-2-isopropylph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.83	3.84 ng/ul	338332	Phenanthrene-d10	17.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	91
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15N02	1000212-95-2	46
3	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	42
4	Bisphenol C	256	C17H20O2	000079-97-0	35
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
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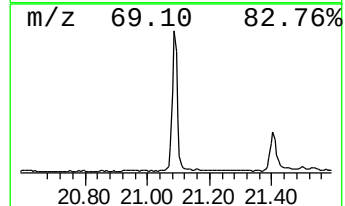
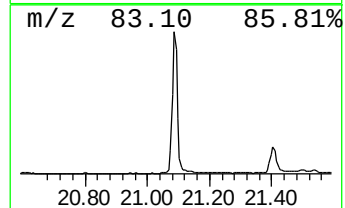
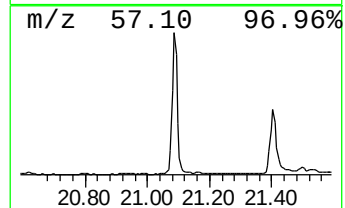
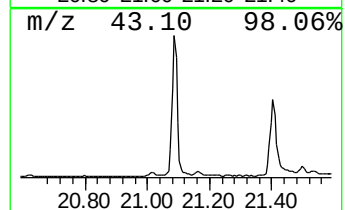
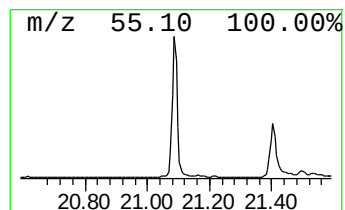
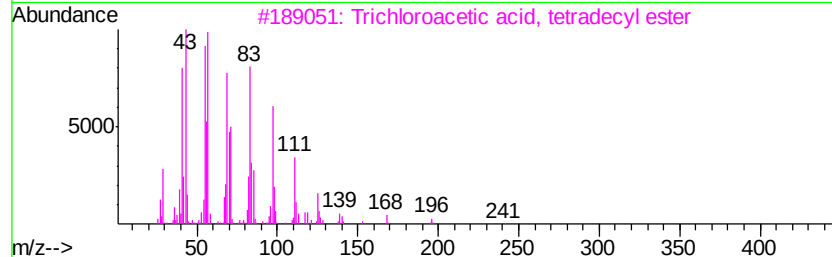
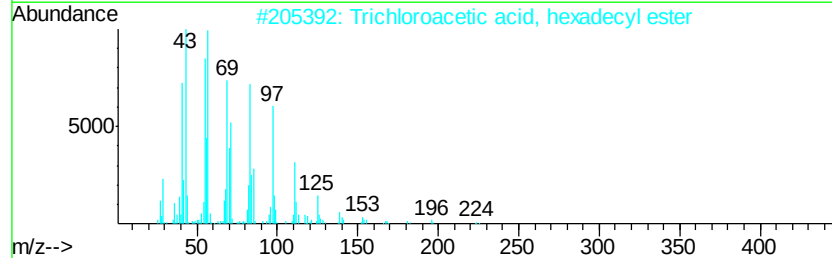
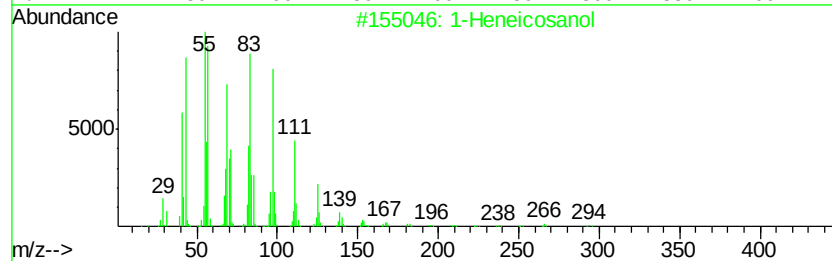
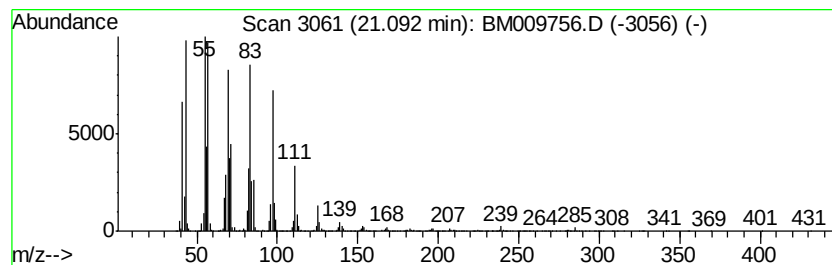
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	22.73 ng/ul	14227300	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	94
2	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid, tetradecyl...	358 C16H29Cl3O2	074339-52-9	91
4	Behenic alcohol	326 C22H46O	000661-19-8	91
5	9-Eicosene, (E)-	280 C20H40	074685-29-3	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009756.D
Acq On : 28 Apr 2017 00:41
Operator : SJ/MA
Sample : I2806-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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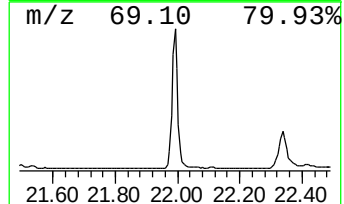
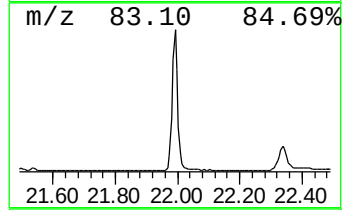
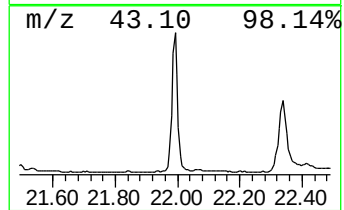
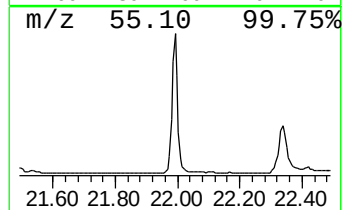
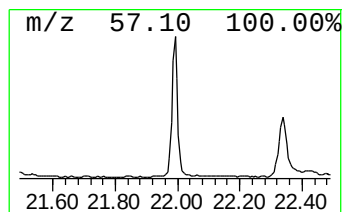
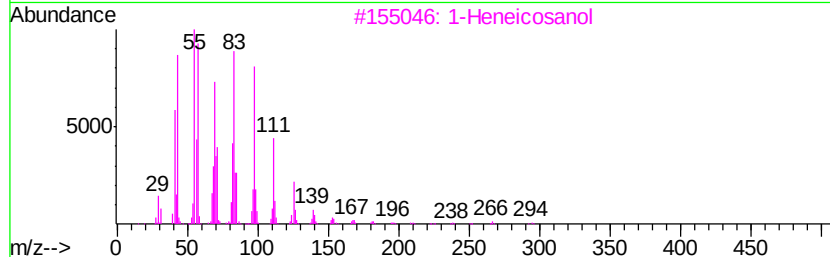
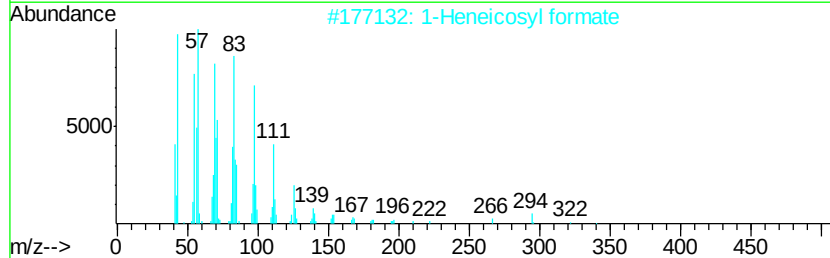
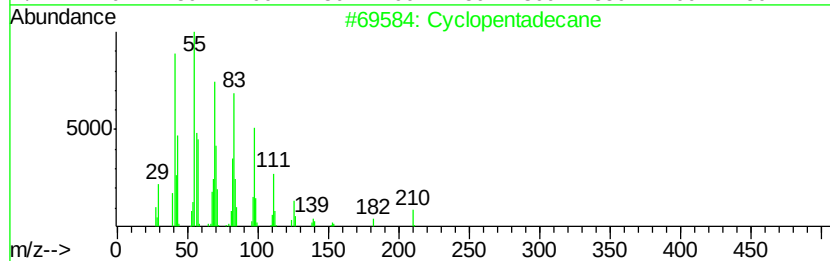
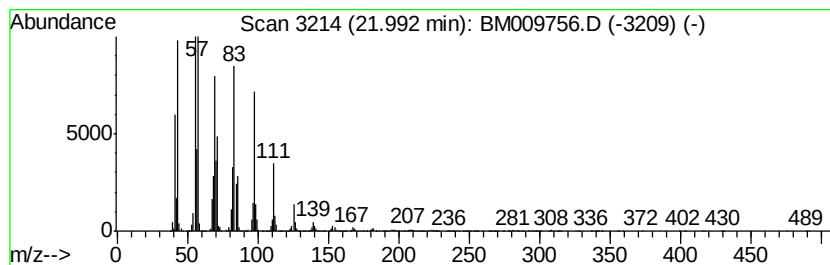
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic21.99 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	25.73 ng/ul	16107000	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009756.D
Acq On : 28 Apr 2017 00:41
Operator : SJ/MA
Sample : I2806-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

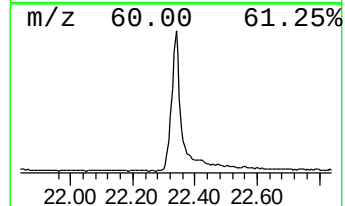
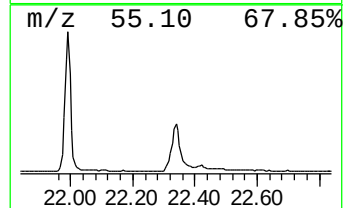
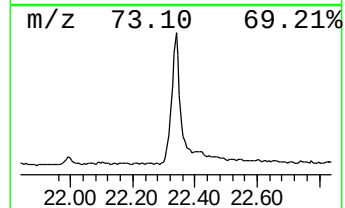
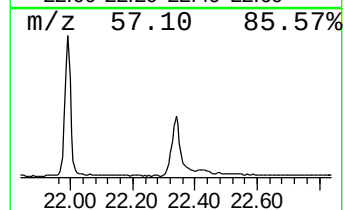
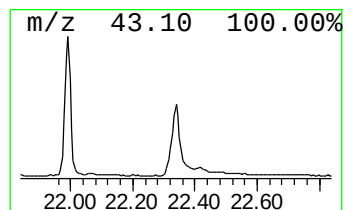
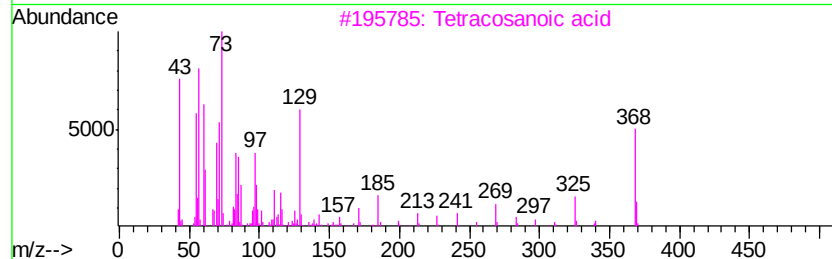
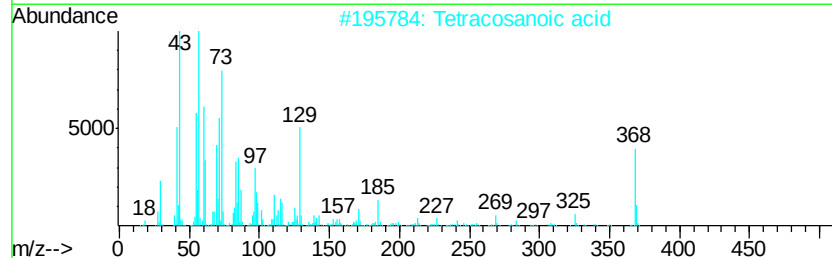
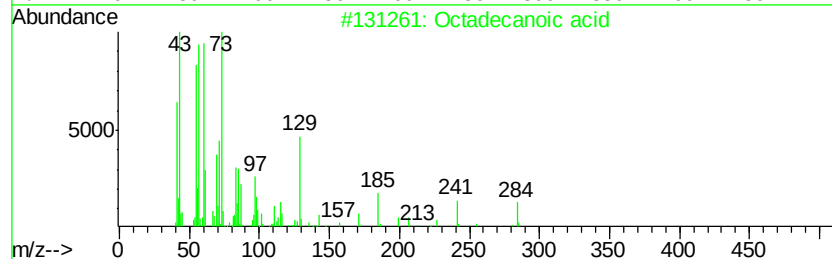
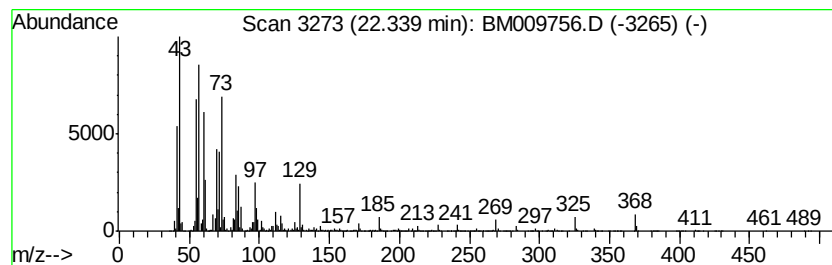
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.34	20.04 ng/ul	12545400	Chrysene-d12		21.40	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Tetracosanoic acid	368	C24H48O2	000557-59-5	94
3		Tetracosanoic acid	368	C24H48O2	000557-59-5	93
4		Docosanoic acid	340	C22H44O2	000112-85-6	90
5		Heptadecanoic acid	270	C17H34O2	000506-12-7	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009756.D
Acq On : 28 Apr 2017 00:41
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Sample : I2806-01
Misc :
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Instrument :
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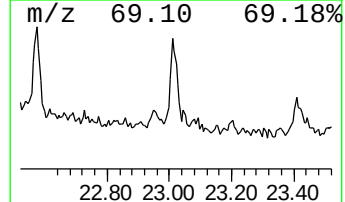
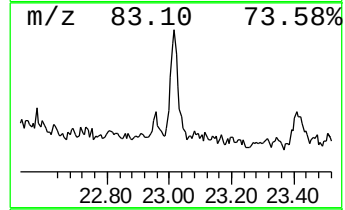
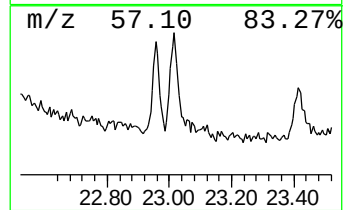
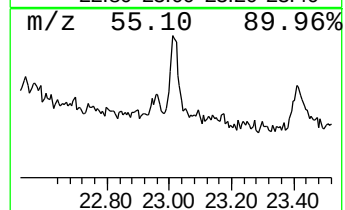
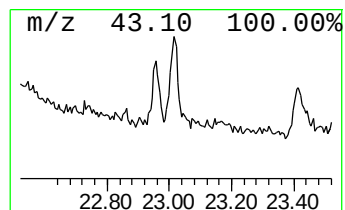
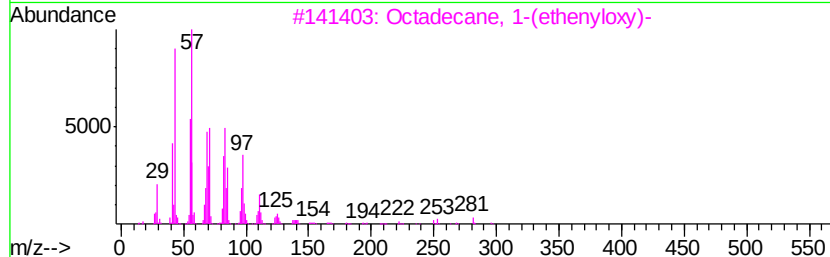
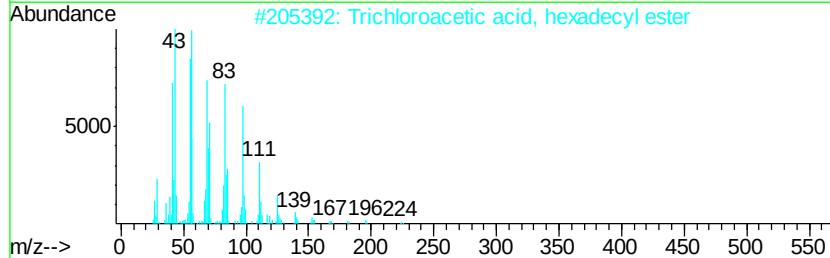
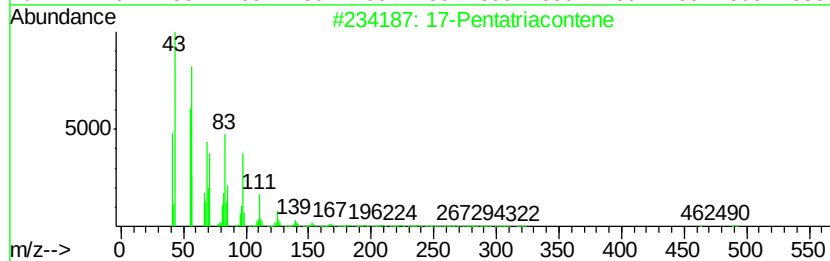
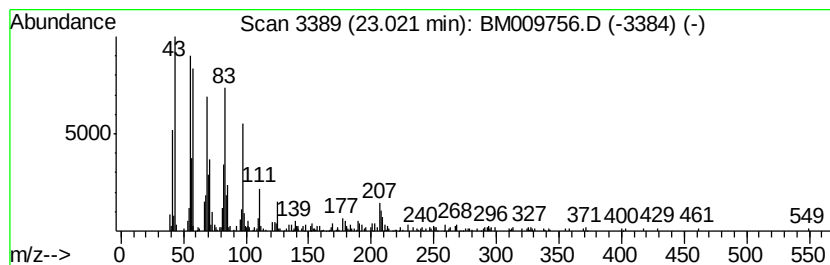
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic23.02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	4.91 ng/ul	614596	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	83
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	72
3		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	70
4		Octacosanol	410	C28H58O	000557-61-9	70
5		1-Docosene	308	C22H44	001599-67-3	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
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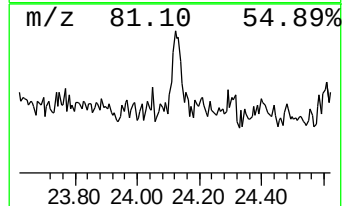
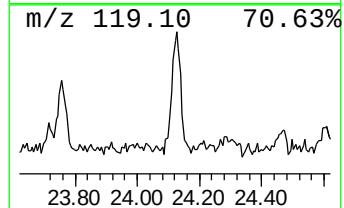
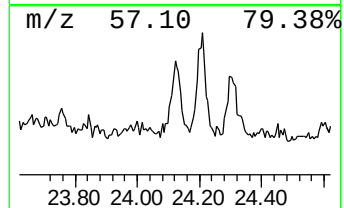
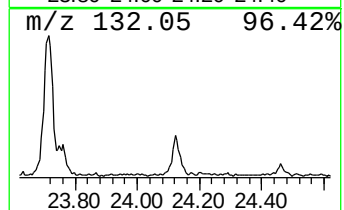
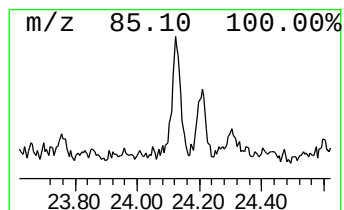
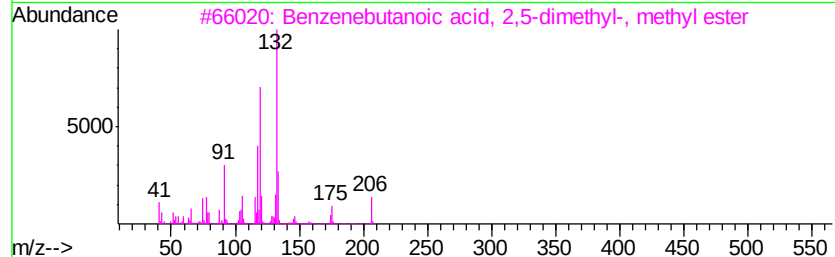
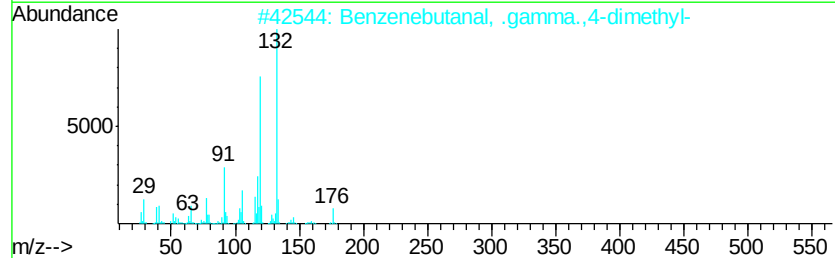
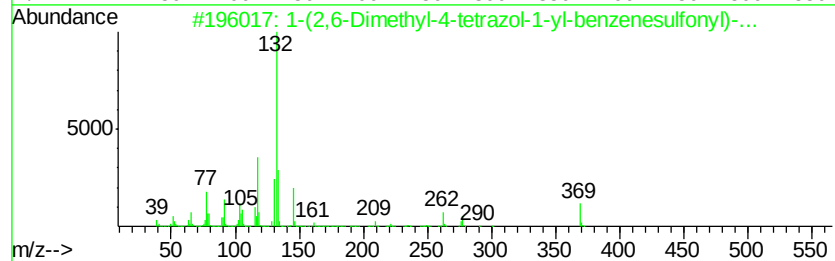
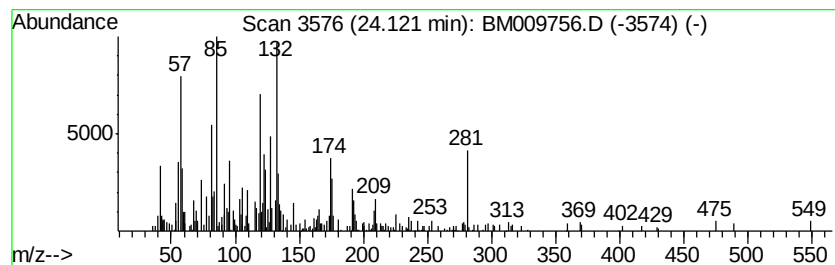
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1-(2,6-Dimethyl-4-tetrazol-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	4.24 ng/ul	529750	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(2,6-Dimethyl-4-tetrazol-1-yl-...	369	C18H19N5O2S	1000295-23-2	53
2		Benzenebutanal, .gamma.,4-dimethyl-	176	C12H16O	004895-19-6	38
3		Benzenebutanoic acid, 2,5-dimeth...	206	C13H18O2	1000070-72-3	22
4		Diethylvinyl(1-mercaptoethyl)silane	174	C8H18SSi	078859-25-3	22
5		Benzenamine, 4-cyclohexyl-	175	C12H17N	006373-50-8	11



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
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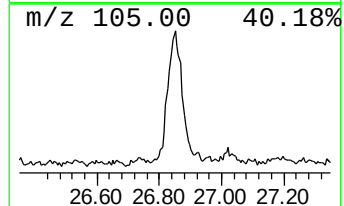
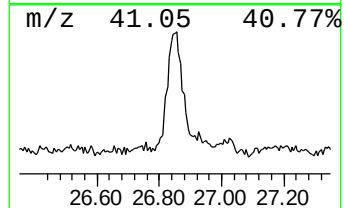
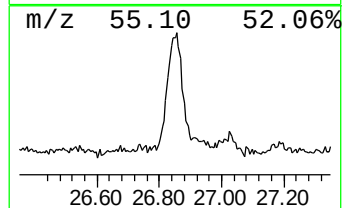
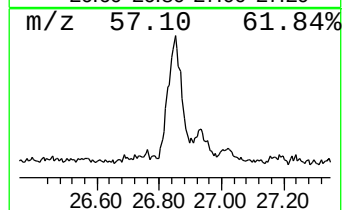
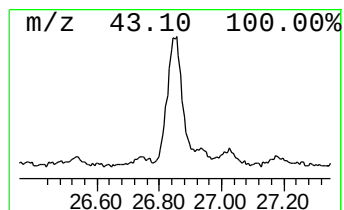
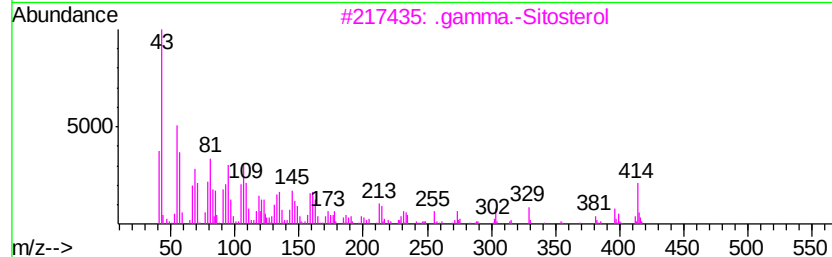
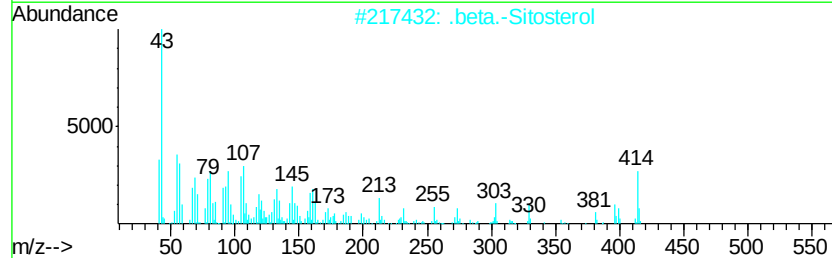
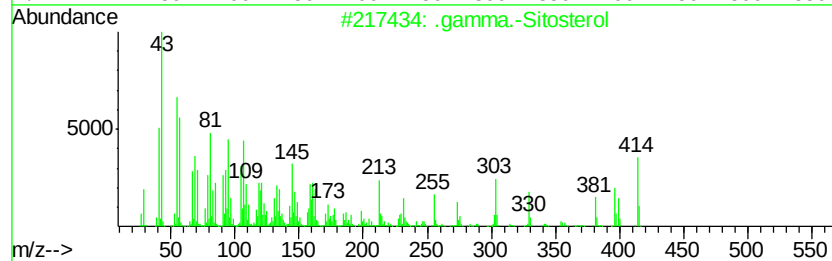
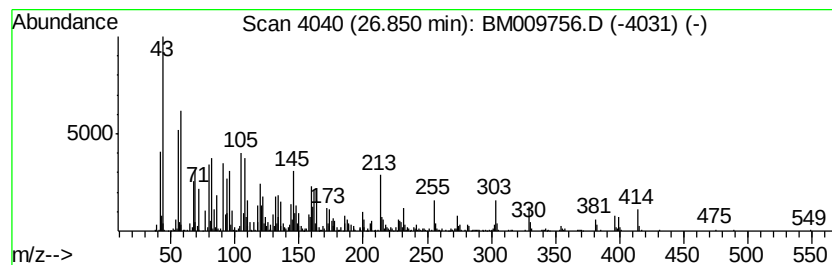
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.85	33.43 ng/ul	4181600	Perylene-d12	23.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 99
3		.gamma.-Sitosterol	414 C29H50O	000083-47-6 52
4		Campesterol	400 C28H48O	000474-62-4 52
5		Ergost-7-en-3-ol, (3.beta.)-	400 C28H48O	026047-31-4 46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009756.D
Acq On : 28 Apr 2017 00:41
Operator : SJ/MA
Sample : I2806-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

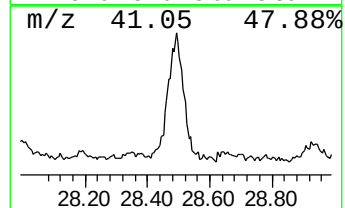
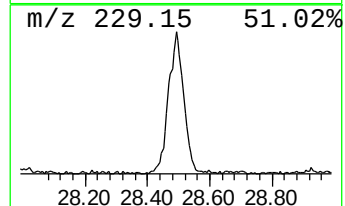
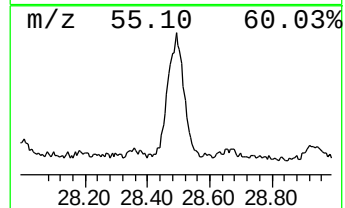
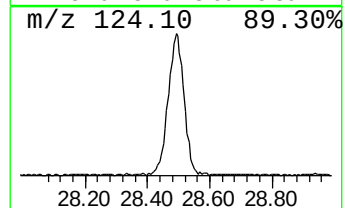
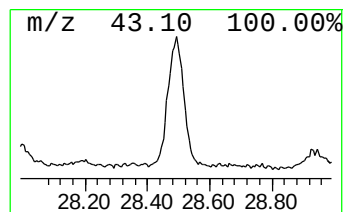
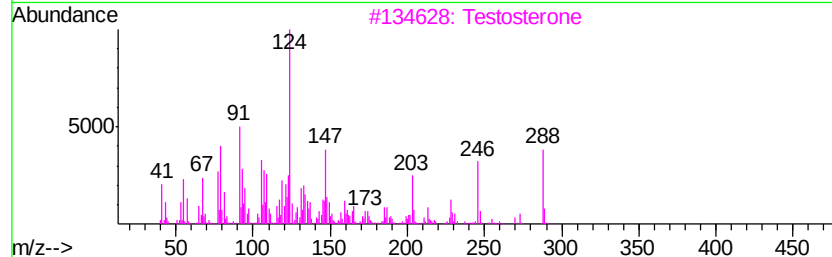
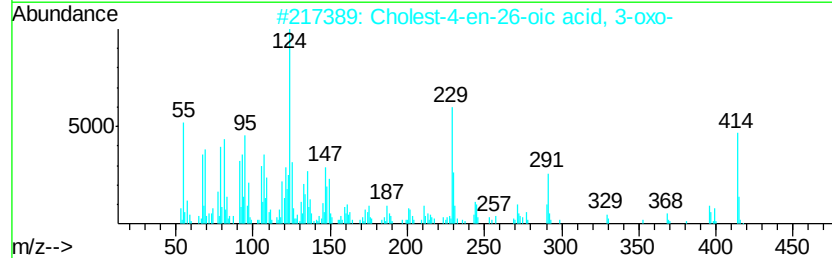
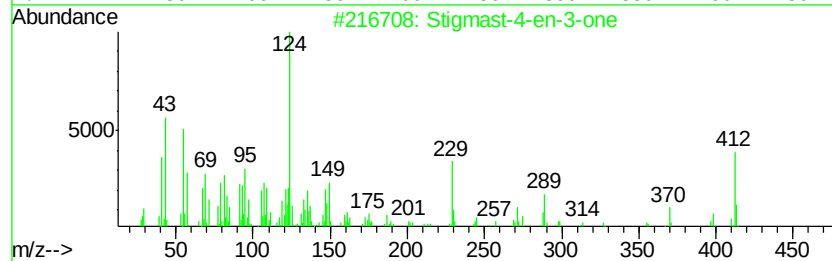
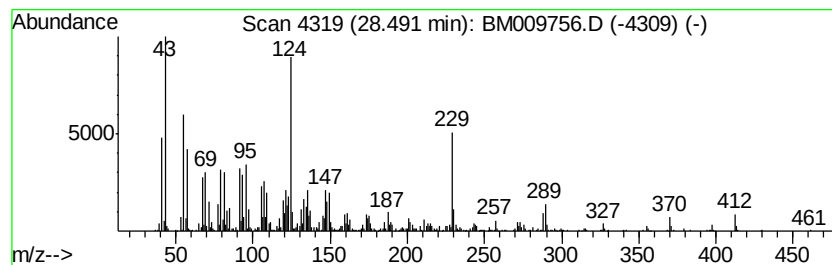
Instrument :
BNA_M
ClientSampleId :
JHSM0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Stigmast-4-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.49	36.96 ng/ul	4622620	Perylene-d12	23.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 95
2		Cholest-4-en-26-oic acid, 3-oxo-	414 C27H42O3	023017-97-2 80
3		Testosterone	288 C19H28O2	000058-22-0 70
4		Testosterone	288 C19H28O2	000058-22-0 70
5		Testosterone	288 C19H28O2	000058-22-0 55



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
 Data File : BM009756.D
 Acq On : 28 Apr 2017 00:41
 Operator : SJ/MA
 Sample : I2806-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSM0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
unknown-01	17.79	3.4	ng/ul	297002	4	17.22	1761880	20.0
n-Hexadecanoic acid	18.09	4.0	ng/ul	353682	4	17.22	1761880	20.0
(DEL) Alkane: Str...	18.38	2.1	ng/ul	188544	4	17.22	1761880	20.0
unknown-02	18.49	5.8	ng/ul	508775	4	17.22	1761880	20.0
18-Norabietane	18.67	19.6	ng/ul	1730490	4	17.22	1761880	20.0
4b,8-Dimethyl-2-i...	18.83	3.8	ng/ul	338332	4	17.22	1761880	20.0
1-Heneicosanol	21.09	22.7	ng/ul	14227300	5	21.40	12518800	20.0
(DEL) Alkane: Cyc...	21.99	25.7	ng/ul	16107000	5	21.40	12518800	20.0
Octadecanoic acid	22.34	20.0	ng/ul	12545400	5	21.40	12518800	20.0
(DEL) Alkane: Cyc...	23.02	4.9	ng/ul	614596	6	23.72	2501540	20.0
1-(2,6-Dimethyl-4...	24.12	4.2	ng/ul	529750	6	23.72	2501540	20.0
.gamma.-Sitosterol	26.85	33.4	ng/ul	4181600	6	23.72	2501540	20.0
Stigmast-4-en-3-one	28.49	37.0	ng/ul	4622620	6	23.72	2501540	20.0