

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
 Data File : BM010365.D
 Acq On : 01 Jun 2017 20:59
 Operator : SJ/MA
 Sample : I3163-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSG1

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-BM052717.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	7.104	675	683	693	rBV	745725	1294242	2.26%	0.383%
2	7.257	703	709	716	rBV	556059	886405	1.55%	0.262%
3	7.457	735	743	753	rBV	900730	1451946	2.53%	0.430%
4	7.916	813	821	834	rBV	1577977	2583778	4.51%	0.764%
5	8.639	938	944	953	rBV	737805	1253395	2.19%	0.371%
6	9.104	1016	1023	1030	rBV	790581	1316097	2.30%	0.389%
7	9.816	1136	1144	1152	rBV	732462	1235181	2.16%	0.365%
8	10.345	1228	1234	1250	rBV	1083912	1920872	3.35%	0.568%
9	10.722	1289	1298	1305	rBV	1845490	3138428	5.48%	0.929%
10	13.968	1842	1850	1854	rBV	2038965	2858284	4.99%	0.846%
11	14.010	1854	1857	1864	rVB	411333	585067	1.02%	0.173%
12	14.251	1892	1898	1904	rBV	2135152	3013079	5.26%	0.892%
13	14.551	1943	1949	1959	rVB2	2545296	4117853	7.19%	1.218%
14	14.798	1986	1991	2005	rVB	384910	706134	1.23%	0.209%
15	15.545	2106	2118	2124	rBV	2800710	4083036	7.13%	1.208%
16	15.668	2133	2139	2145	rBV	740387	1028888	1.80%	0.304%
17	17.151	2387	2391	2399	rBV4	409601	744284	1.30%	0.220%
18	17.298	2410	2416	2426	rBV	3434543	5028695	8.78%	1.488%
19	17.398	2427	2433	2441	rVV	2944893	4175533	7.29%	1.235%
20	18.151	2556	2561	2569	rBV	1955162	2762464	4.82%	0.817%
21	18.456	2606	2613	2622	rBV5	595555	1335027	2.33%	0.395%
22	19.303	2754	2757	2760	rVV	661436	898046	1.57%	0.266%
23	19.421	2773	2777	2781	rBV	923549	1212816	2.12%	0.359%
24	19.686	2817	2822	2830	rBV	4076947	5473132	9.55%	1.619%
25	20.150	2896	2901	2908	rBV	1354866	1909614	3.33%	0.565%
26	20.497	2955	2960	2971	rBV2	2183421	3891433	6.79%	1.151%
27	20.627	2978	2982	2990	rBV	2693186	3328860	5.81%	0.985%
28	20.833	3014	3017	3019	rBV3	607114	712218	1.24%	0.211%
29	21.127	3060	3067	3076	rBV4	5101299	11584326	20.22%	3.428%
30	21.427	3114	3118	3121	rBV	4237895	5564655	9.71%	1.646%
31	21.462	3121	3124	3132	rVB	6070979	7949055	13.88%	2.352%
32	21.739	3167	3171	3175	rVB	2531595	2733485	4.77%	0.809%
33	21.986	3208	3213	3216	rBV	4046619	5380577	9.39%	1.592%
34	22.027	3216	3220	3229	rVB2	4682469	8632147	15.07%	2.554%

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35	22.203	3248	3250	3255	rVB5	620146	682543	1.19%	0.202%
36	22.356	3271	3276	3285	rBV2	2981868	5319293	9.29%	1.574%
37	22.515	3300	3303	3308	rBV3	799062	1047376	1.83%	0.310%
38	22.709	3331	3336	3342	rBV	11527838	15551665	27.15%	4.601%
39	22.974	3377	3381	3388	rVB	2299858	3406214	5.95%	1.008%
40	23.056	3390	3395	3404	rBV2	3726153	8825471	15.41%	2.611%
41	23.662	3491	3498	3505	rVB2	3442974	7309433	12.76%	2.163%
42	23.756	3511	3514	3518	rVB2	1594605	2278542	3.98%	0.674%
43	23.809	3519	3523	3531	rVB	3720122	7351781	12.83%	2.175%
44	23.903	3533	3539	3549	rVB	9249014	16616369	29.01%	4.916%
45	24.338	3606	3613	3628	rBV	25065311	57284626	100.00%	16.949%
46	25.303	3773	3777	3792	rVB3	3340326	7591165	13.25%	2.246%
47	25.485	3804	3808	3822	rVB5	2303442	5635662	9.84%	1.667%
48	26.962	4050	4059	4076	rVB4	4251518	16485839	28.78%	4.878%
49	27.156	4084	4092	4108	rVB4	8343218	26389090	46.07%	7.808%
50	27.573	4157	4163	4187	rVB6	3439042	14866087	25.95%	4.399%
51	28.450	4302	4312	4326	rVB7	5622766	26596274	46.43%	7.869%
52	28.597	4329	4337	4350	rVB5	3040299	9950285	17.37%	2.944%

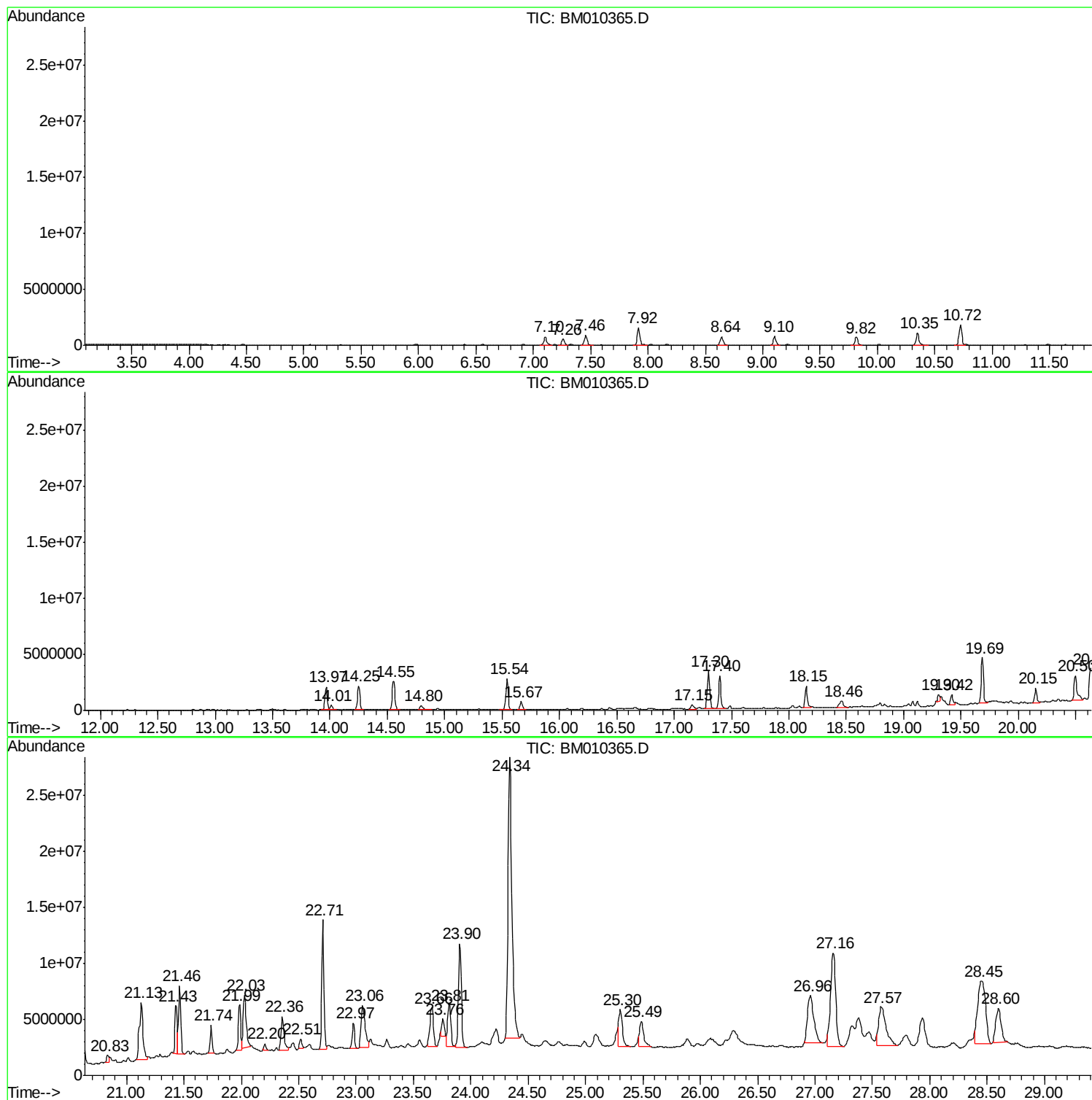
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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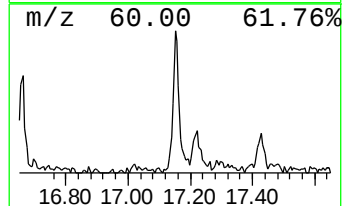
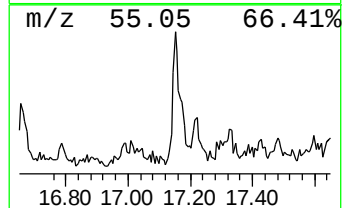
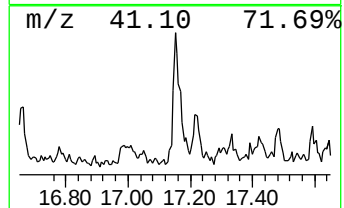
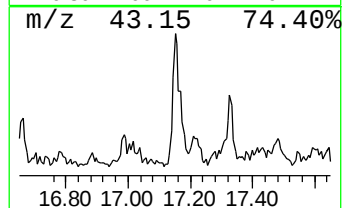
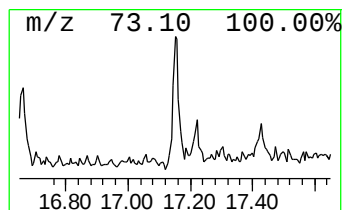
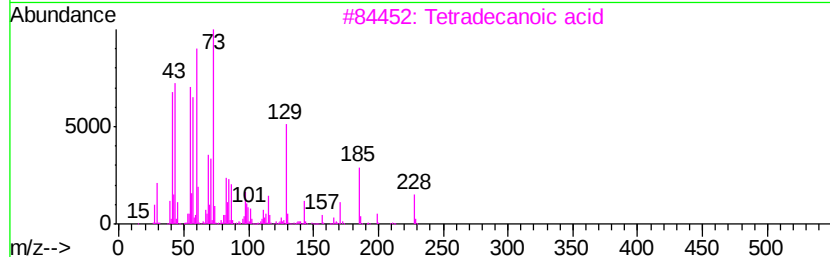
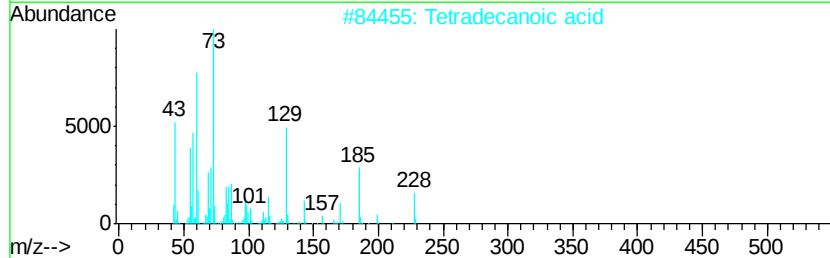
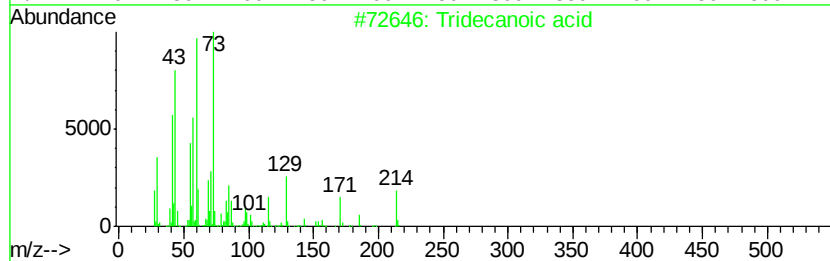
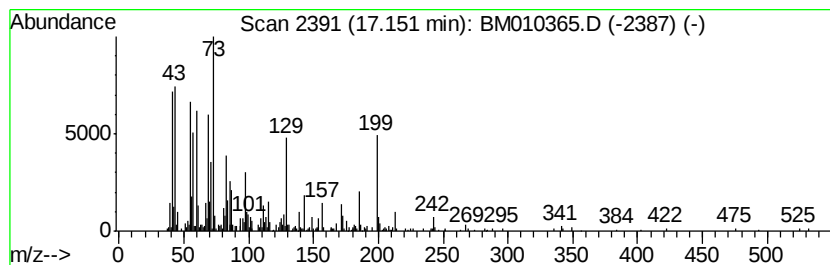
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	2.96 ng/ul	744284	Phenanthrene-d10	17.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	49
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	49
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5			Undecanoic acid	186	C11H22O2	000112-37-8	43



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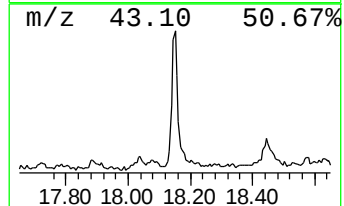
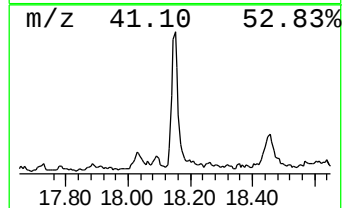
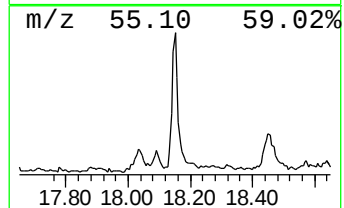
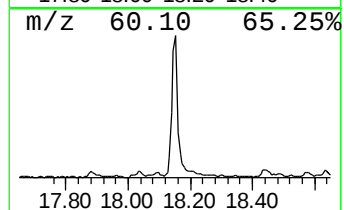
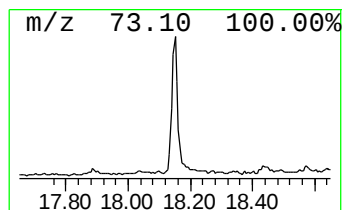
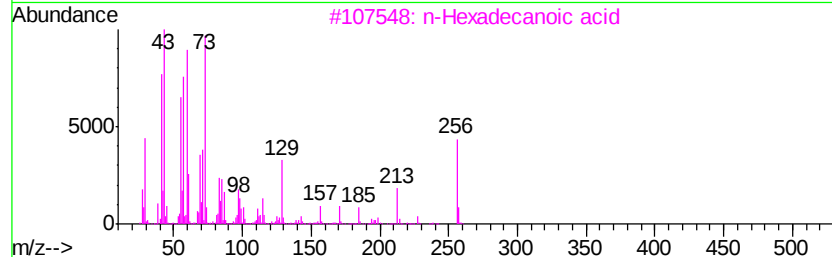
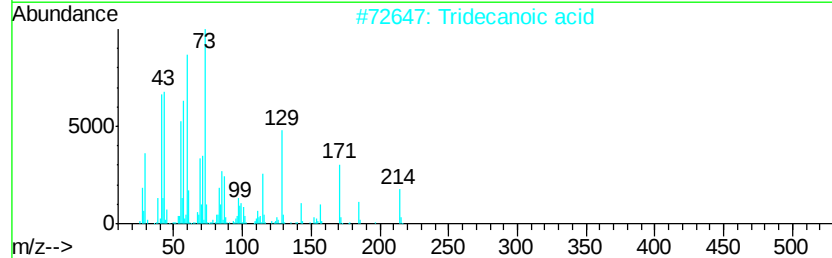
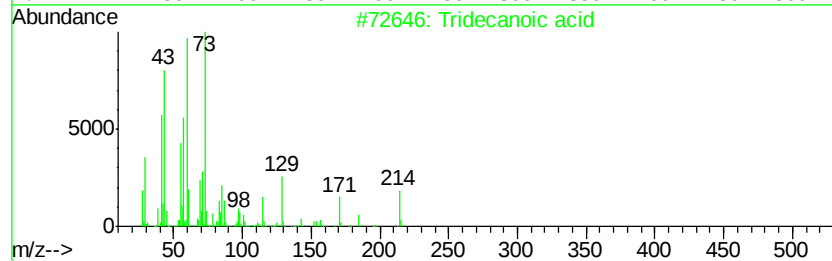
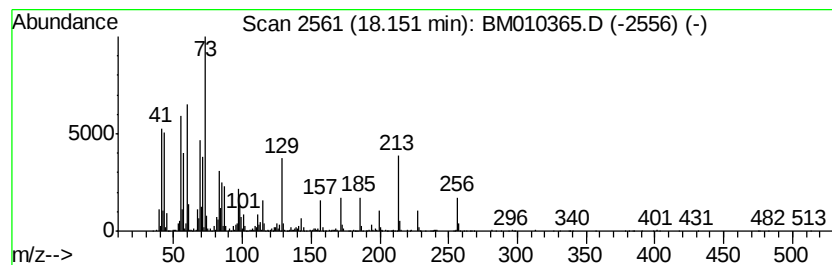
Instrument :
BNA_M
ClientSampleId :
JHSG1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tridecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.15	10.99 ng/ul	2762460	Phenanthrene-d10		17.30	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	90
2		Tridecanoic acid	214	C13H26O2	000638-53-9	70
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4		Octadecanoic acid	284	C18H36O2	000057-11-4	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



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Misc :
ALS Vial : 19 Sample Multiplier: 1

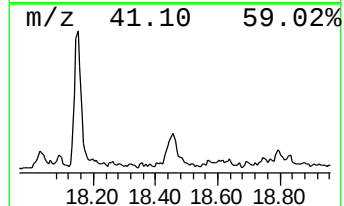
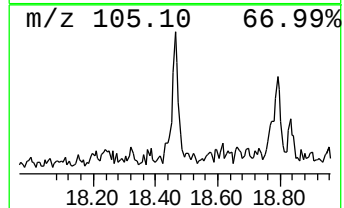
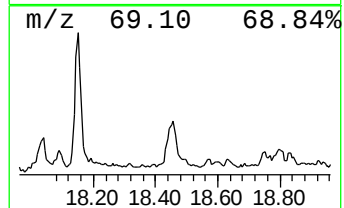
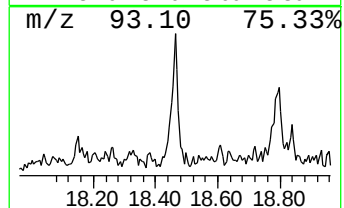
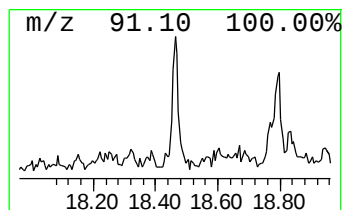
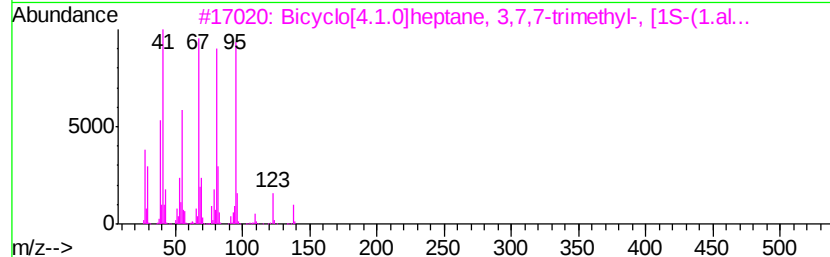
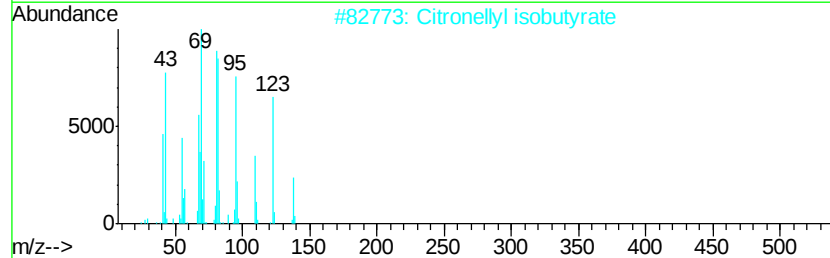
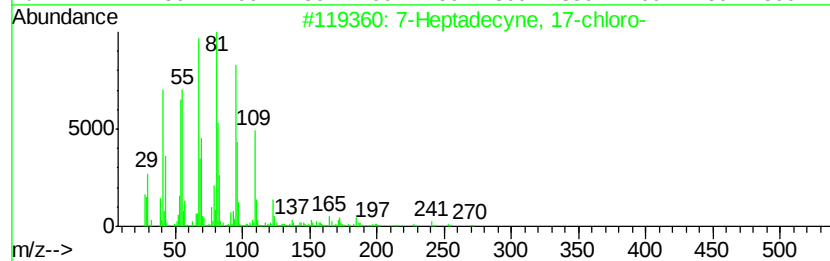
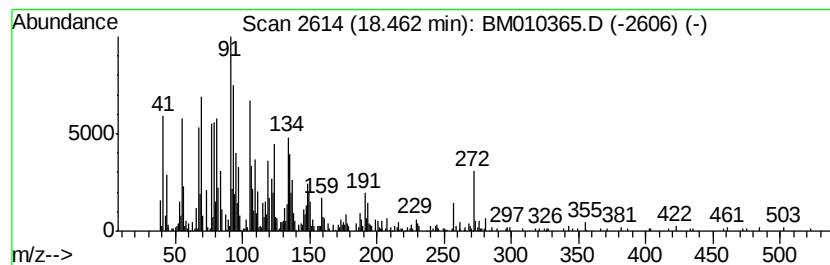
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 7-Heptadecyne, 17-chloro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.46	5.31 ng/ul	1335030	Phenanthrene-d10	17.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Heptadecyne, 17-chloro-	270	C17H31Cl	056554-75-7	60
2	Citronellyl isobutyrate	226	C14H26O2	000097-89-2	58
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	50
4	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	49
5	6-Heptadecyne, 1-chloro-	270	C17H31Cl	056599-59-8	46



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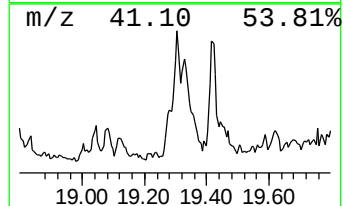
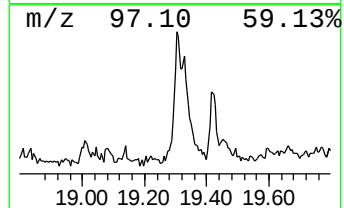
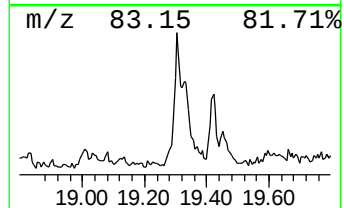
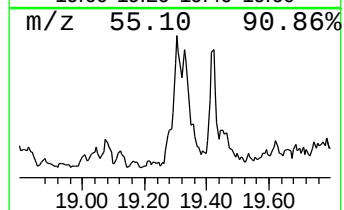
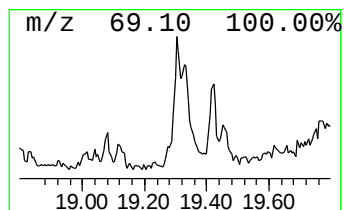
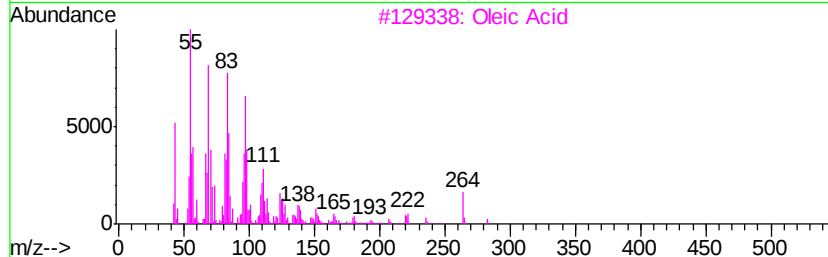
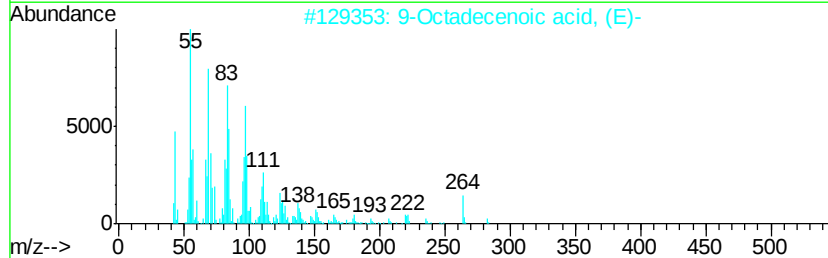
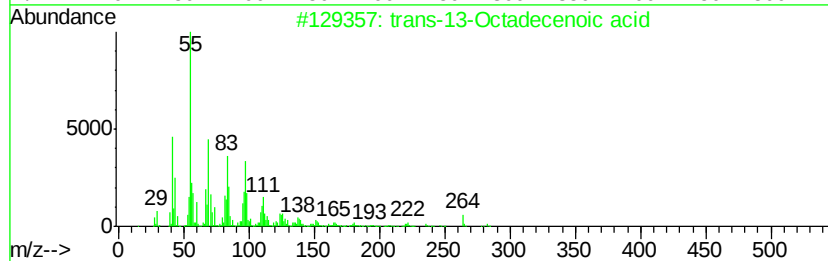
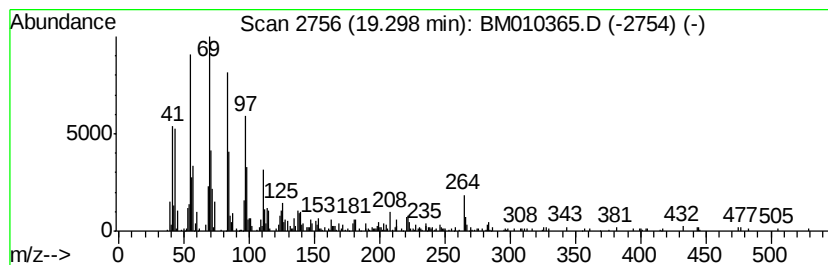
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 trans-13-Octadecenoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	3.57 ng/ul	898046	Phenanthrene-d10	17.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid		282	C18H34O2	000693-71-0	86
2	9-Octadecenoic acid, (E)-		282	C18H34O2	000112-79-8	83
3	Oleic Acid		282	C18H34O2	000112-80-1	78
4	Cyclopropane, nonyl-		168	C12H24	074663-85-7	72
5	cis-13-Octadecenoic acid		282	C18H34O2	013126-39-1	70



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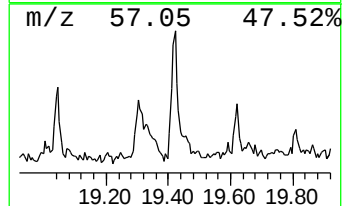
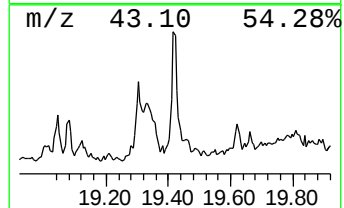
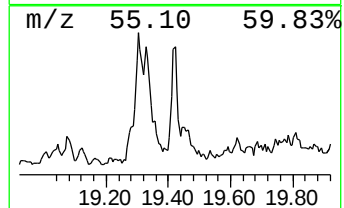
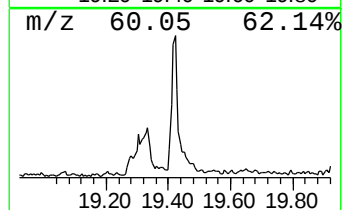
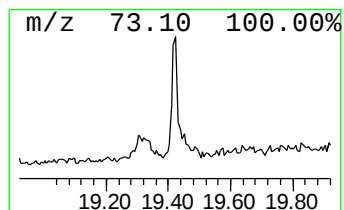
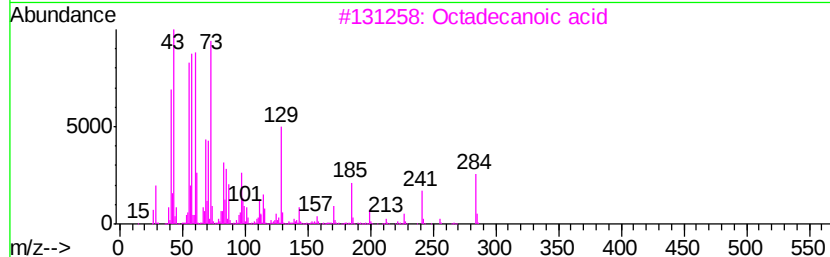
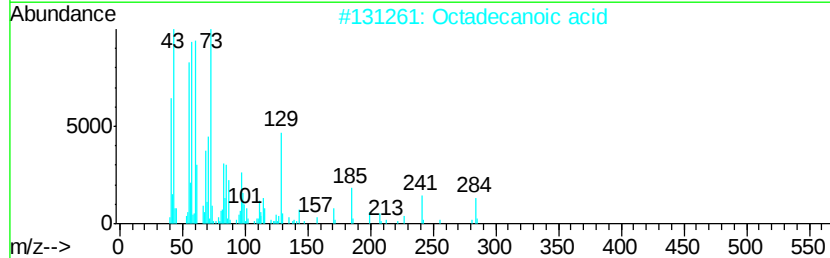
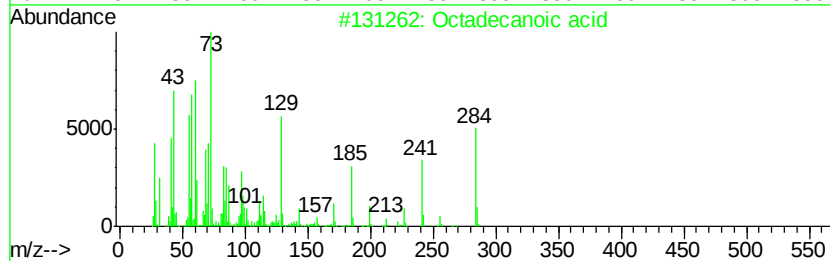
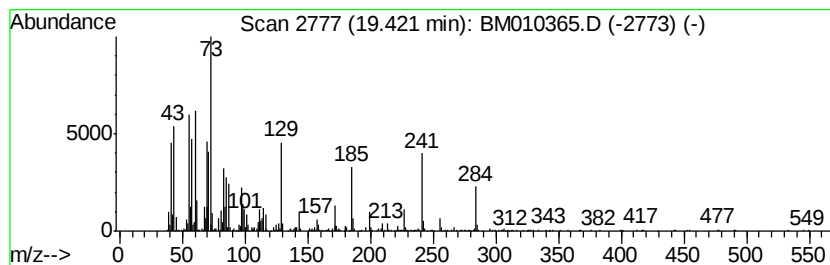
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	3.05 ng/ul	1212820	Chrysene-d12	21.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	96
3			Octadecanoic acid	284	C18H36O2	000057-11-4	96
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
Acq On : 01 Jun 2017 20:59
Operator : SJ/MA
Sample : I3163-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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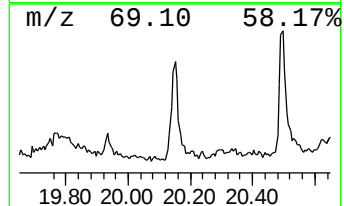
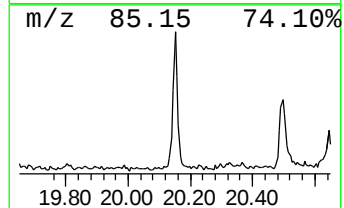
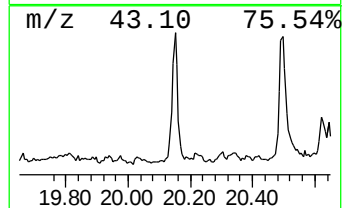
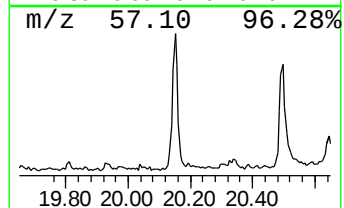
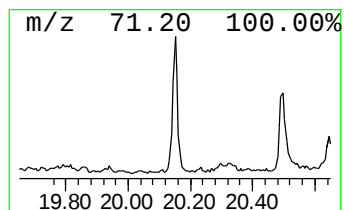
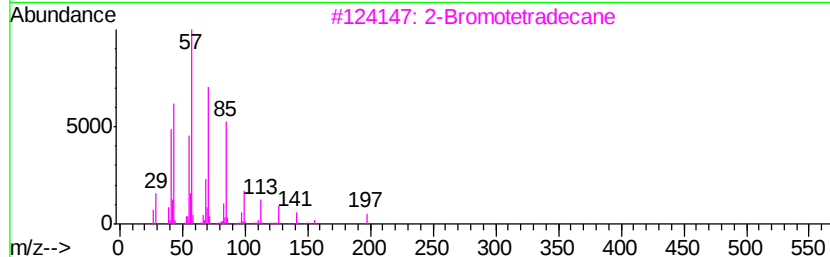
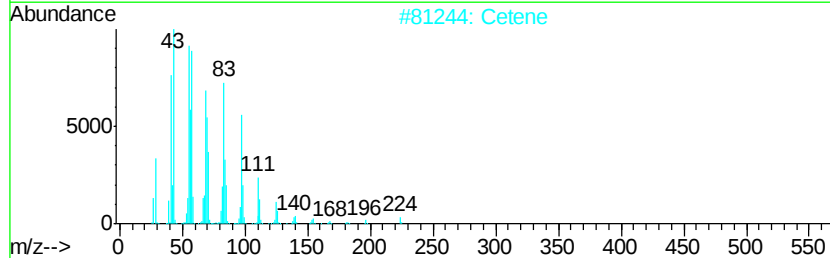
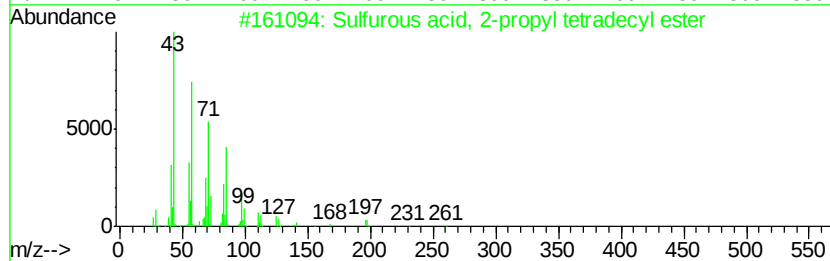
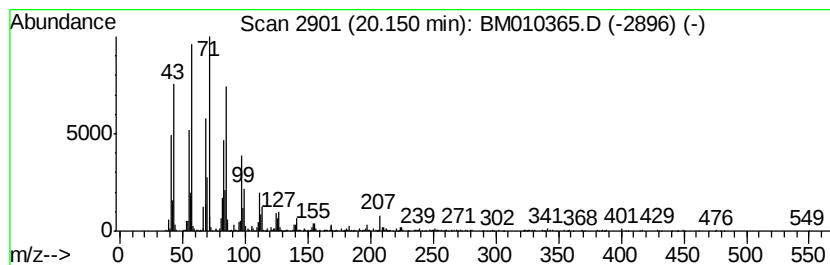
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Sulfurous acid, 2-propyl te... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	4.80 ng/ul	1909610	Chrysene-d12	21.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	90
2			Cetene	224	C16H32	000629-73-2	59
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	58
4			Hexadecane	226	C16H34	000544-76-3	52
5			Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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Sample : I3163-12
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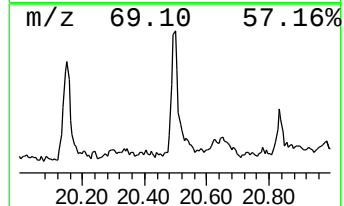
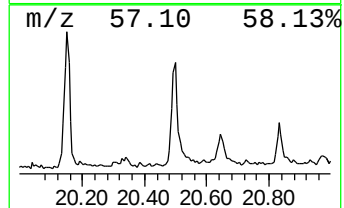
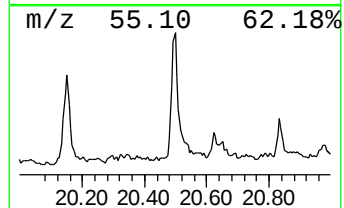
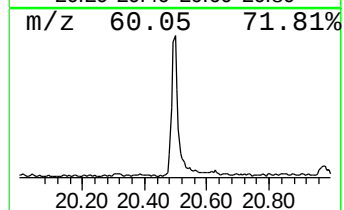
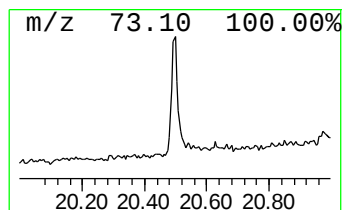
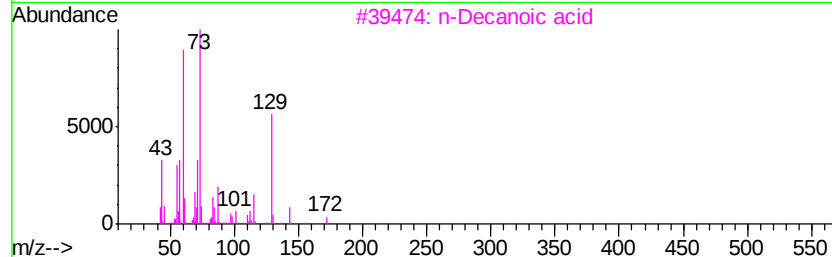
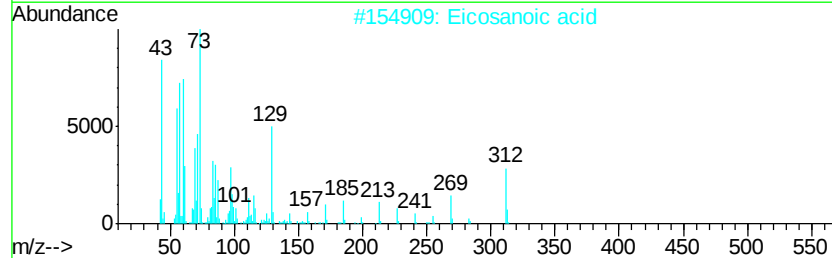
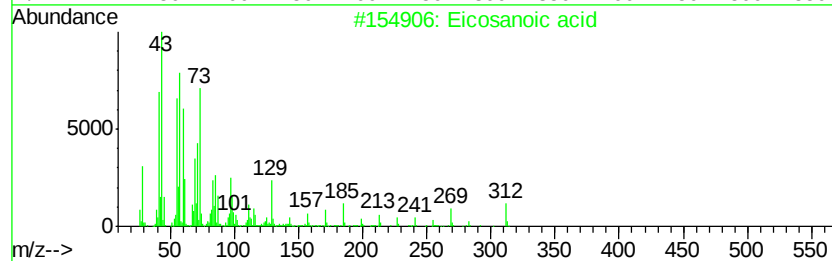
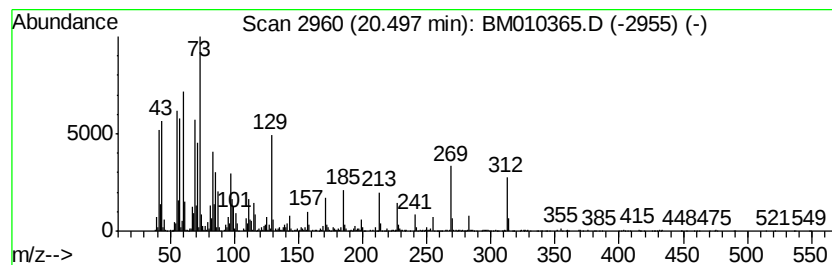
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Eicosanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	9.79 ng/ul	3891430	Chrysene-d12	21.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosanoic acid	312 C20H40O2	000506-30-9	97
2	Eicosanoic acid	312 C20H40O2	000506-30-9	95
3	n-Decanoic acid	172 C10H20O2	000334-48-5	93
4	Eicosanoic acid	312 C20H40O2	000506-30-9	91
5	Eicosanoic acid	312 C20H40O2	000506-30-9	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
Acq On : 01 Jun 2017 20:59
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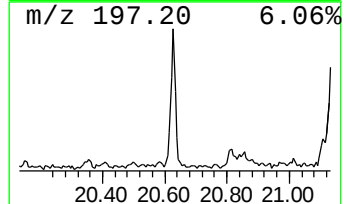
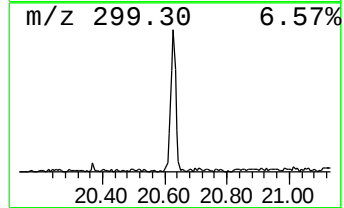
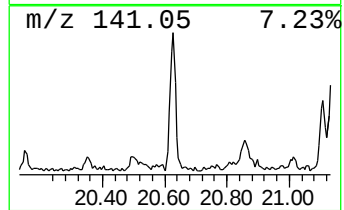
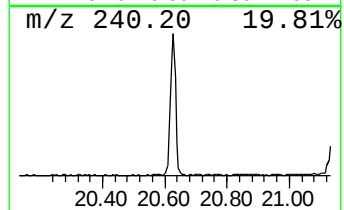
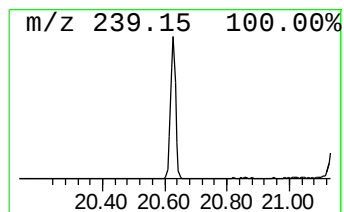
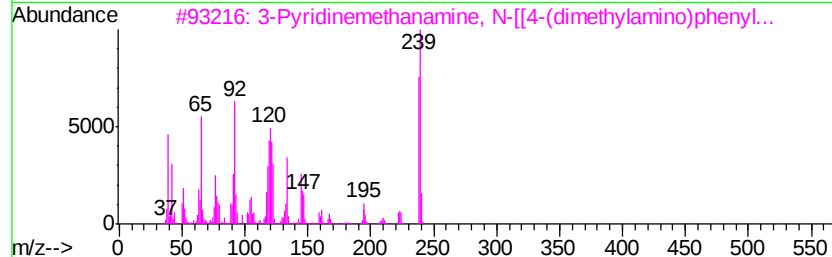
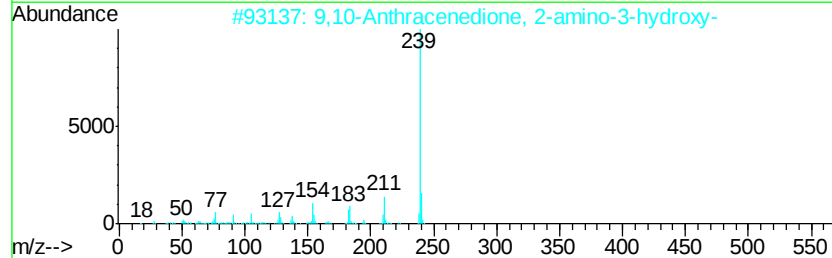
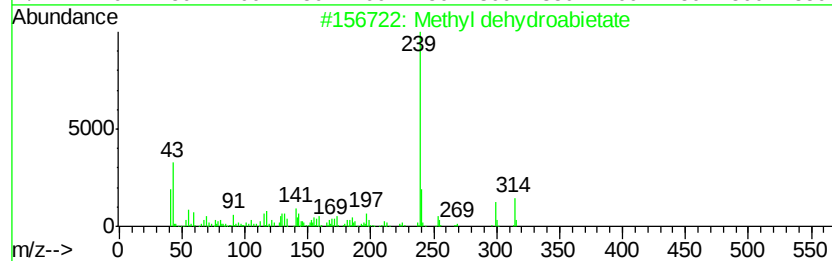
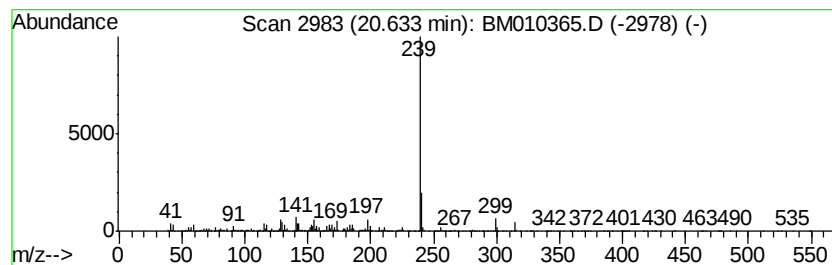
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Methyl dehydroabietate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	8.38 ng/ul	3328860	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl dehydroabietate	314	C21H30O2	001235-74-1	90
2		9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	64
3		3-Pyridinemethanamine, N-[[4-(di...	239	C15H17N3	1000350-96-8	64
4		Phthalic acid, di(3-methylphenyl...	346	C22H18O4	1000315-37-3	59
5		9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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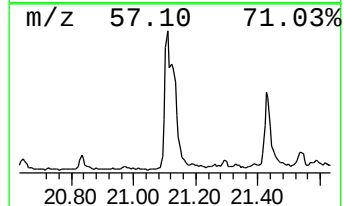
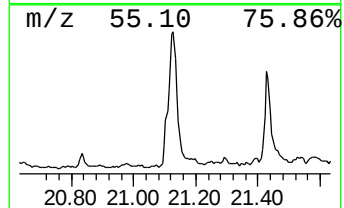
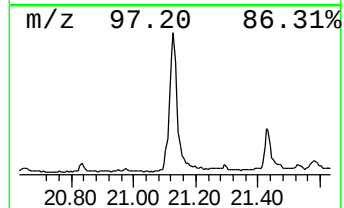
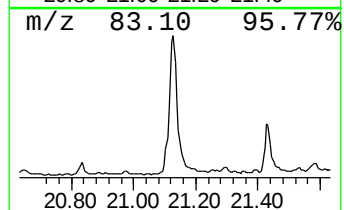
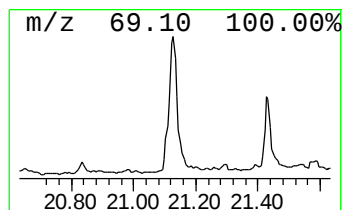
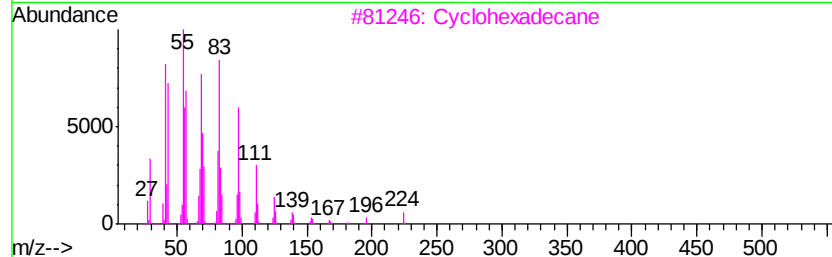
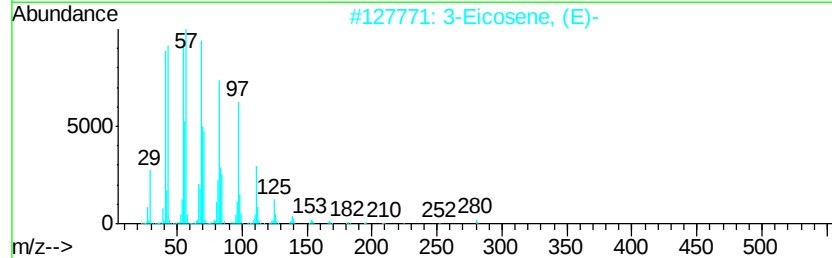
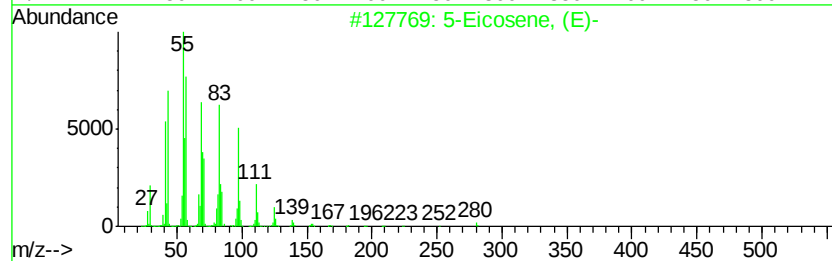
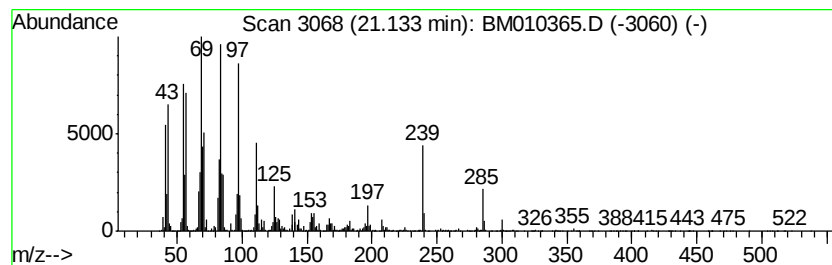
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic21.13 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.13	29.15 ng/ul	11584300	Chrysene-d12	21.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
3	Cyclohexadecane	224	C16H32	000295-65-8	92
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
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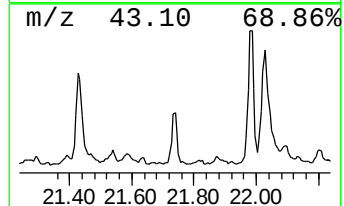
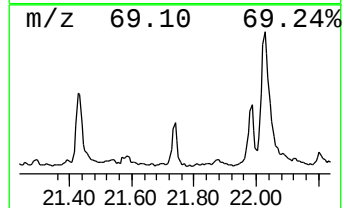
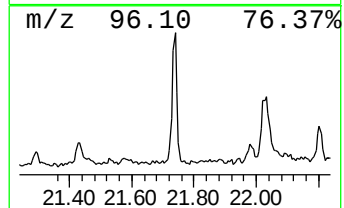
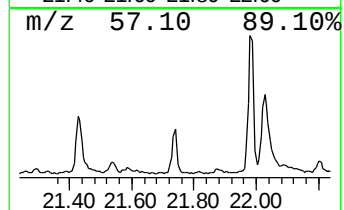
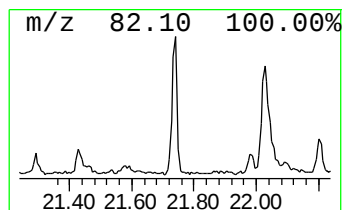
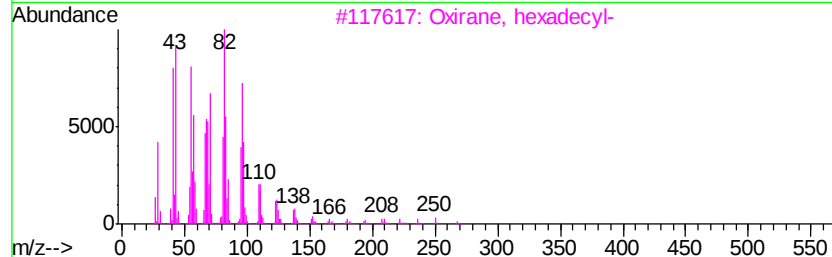
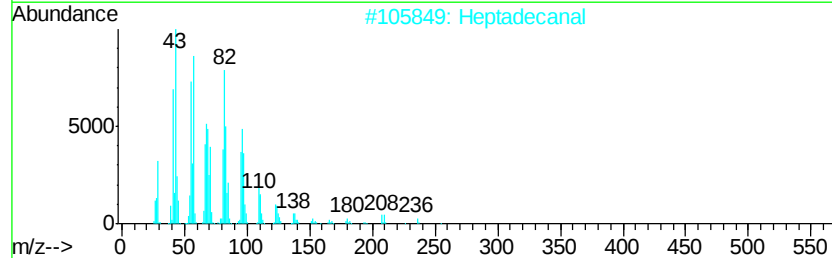
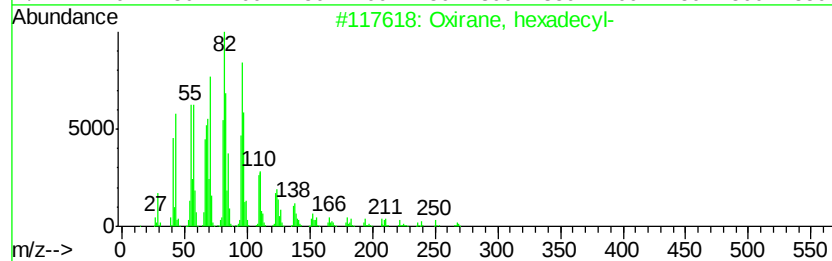
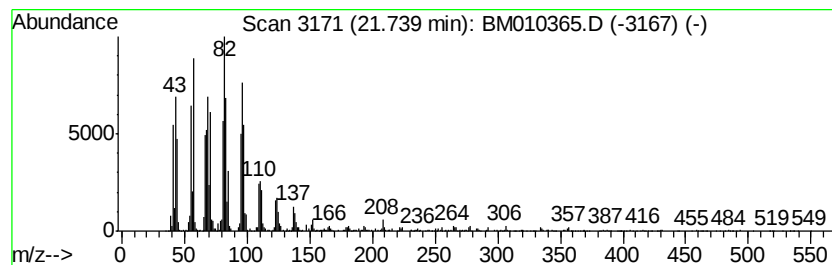
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Oxirane, hexadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	6.88 ng/ul	2733490	Chrysene-d12	21.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	96
2			Heptadecanal	254	C17H34O	1000376-70-0	94
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
4			Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	93
5			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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ClientSampleId :
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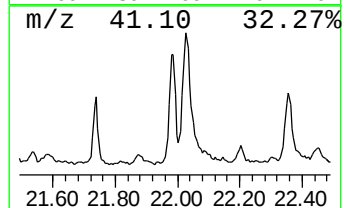
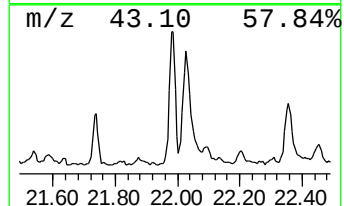
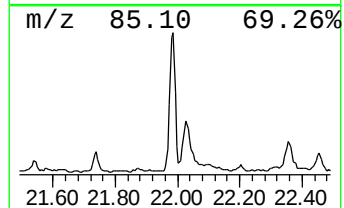
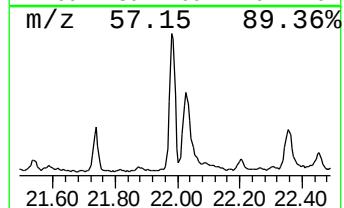
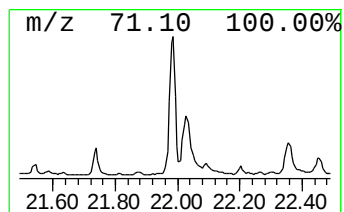
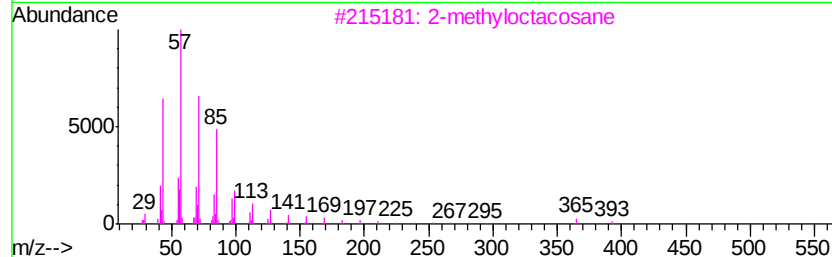
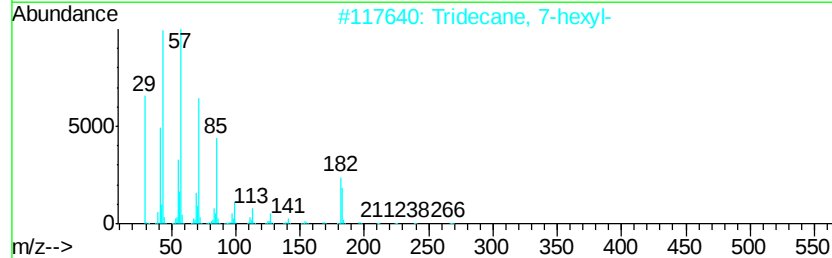
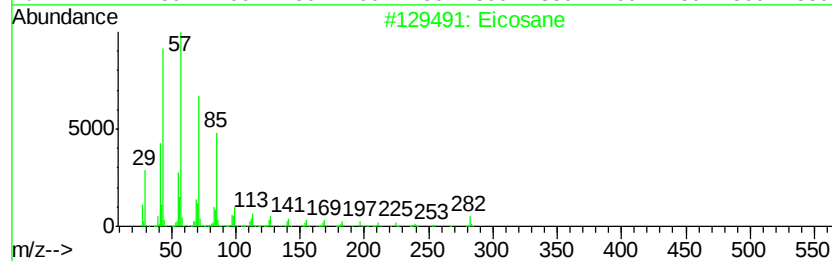
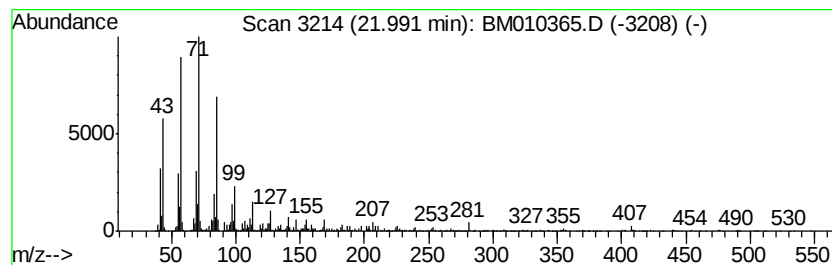
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	13.54 ng/ul	5380580	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
Acq On : 01 Jun 2017 20:59
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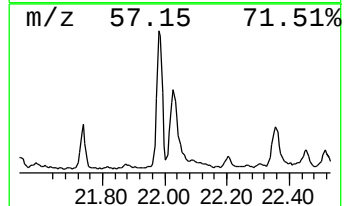
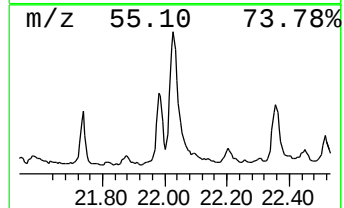
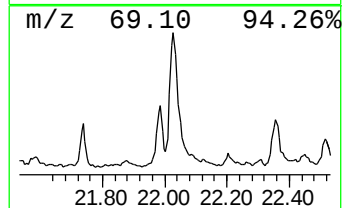
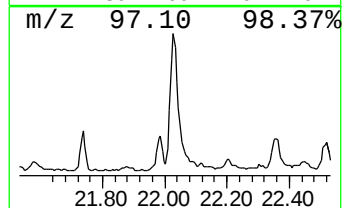
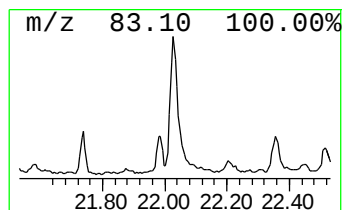
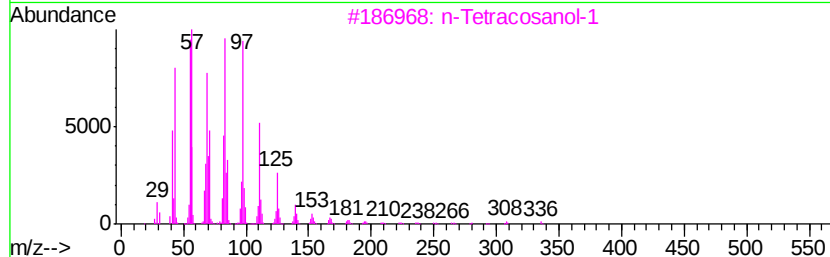
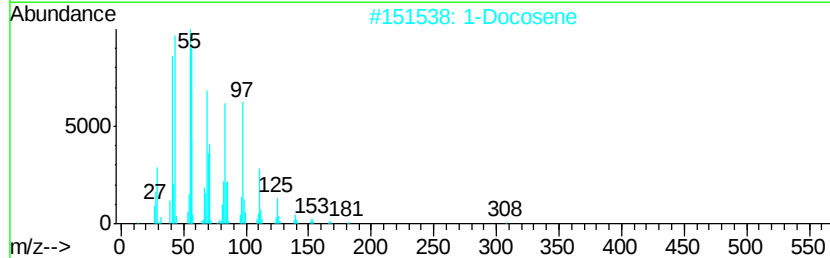
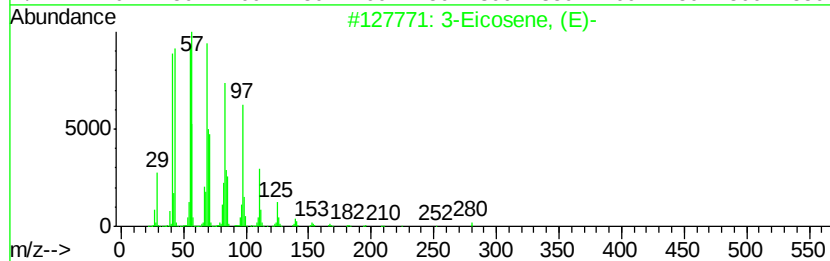
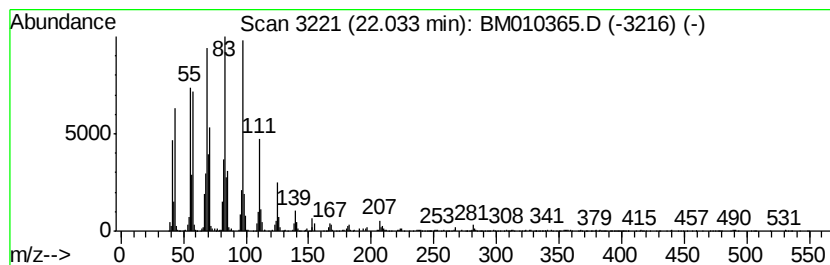
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic22.03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	21.72 ng/ul	8632150	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2		1-Docosene	308	C22H44	001599-67-3	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		Behenic alcohol	326	C22H46O	000661-19-8	89
5		1-Heneicosanol	312	C21H44O	015594-90-8	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
Acq On : 01 Jun 2017 20:59
Operator : SJ/MA
Sample : I3163-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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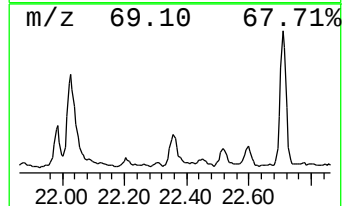
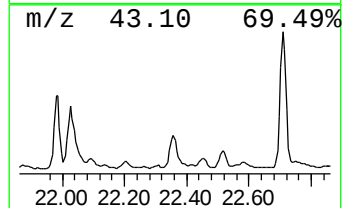
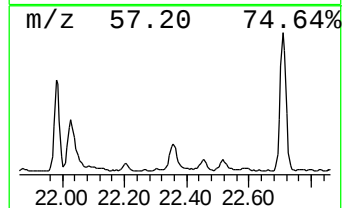
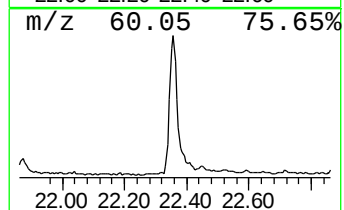
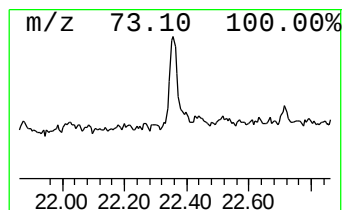
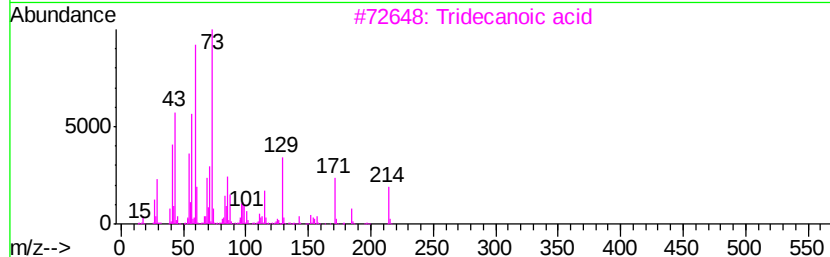
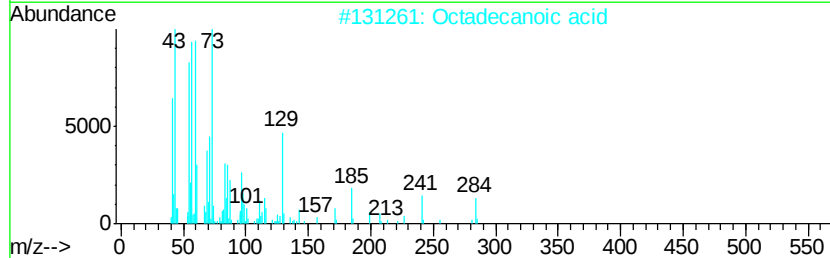
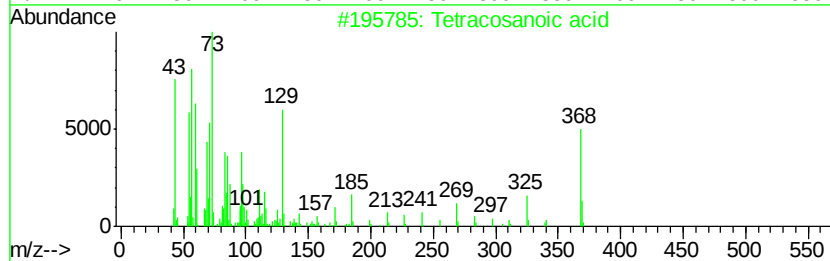
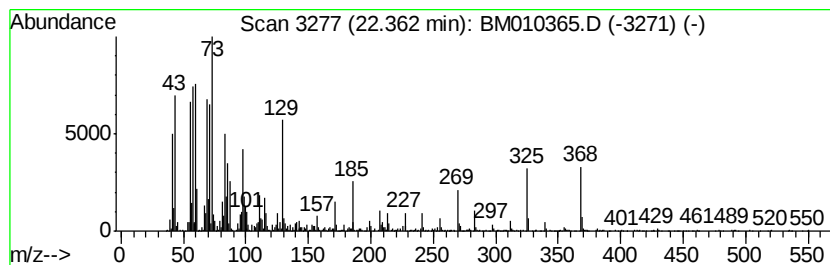
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Tetracosanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	13.38 ng/ul	5319290	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosanoic acid	368	C24H48O2	000557-59-5	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	68
3		Tridecanoic acid	214	C13H26O2	000638-53-9	60
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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ClientSampleId :
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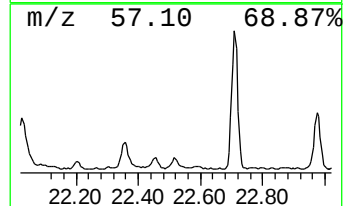
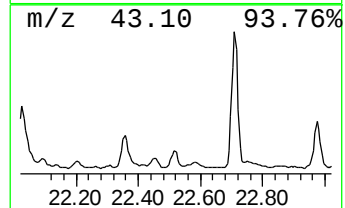
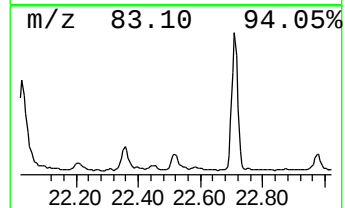
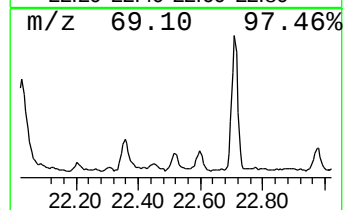
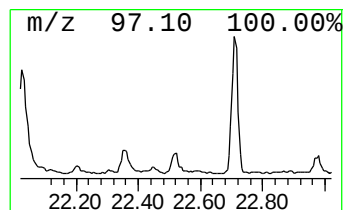
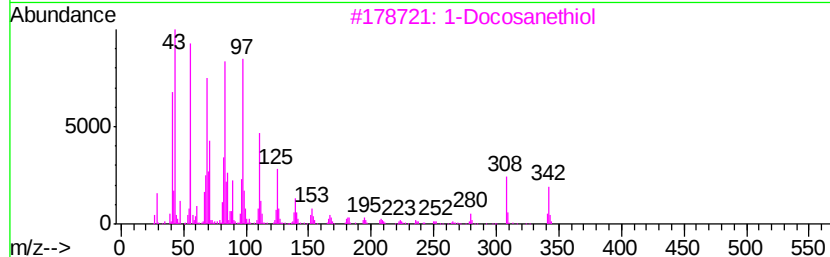
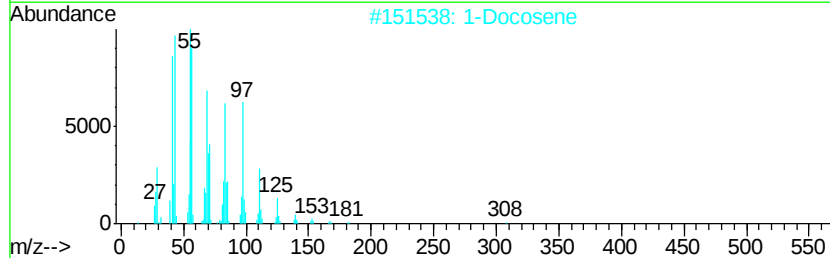
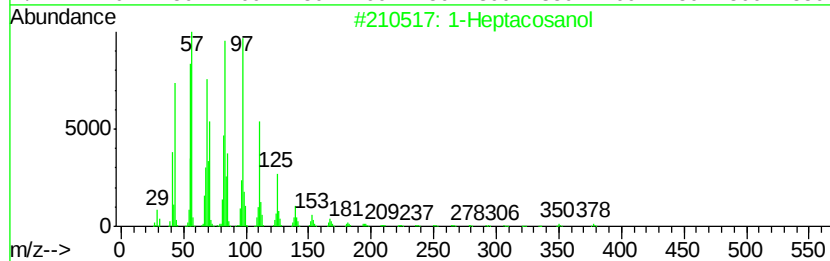
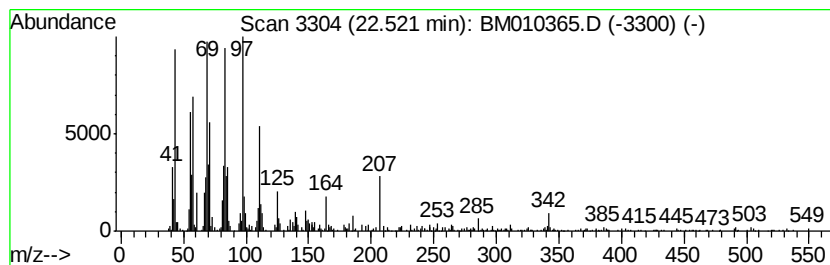
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1-Heptacosanol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.64 ng/ul	1047380	Chrysene-d12	21.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	94
2			1-Docosene	308	C22H44	001599-67-3	93
3			1-Docosanethiol	342	C22H46S	007773-83-3	91
4			9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
5			Behenic alcohol	326	C22H46O	000661-19-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
Acq On : 01 Jun 2017 20:59
Operator : SJ/MA
Sample : I3163-12
Misc :
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Instrument :
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ClientSampleId :
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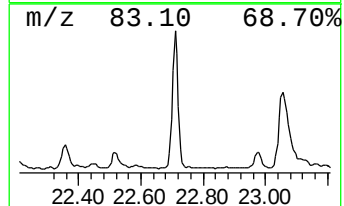
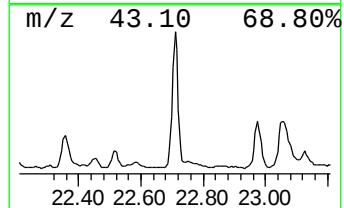
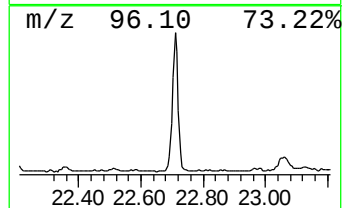
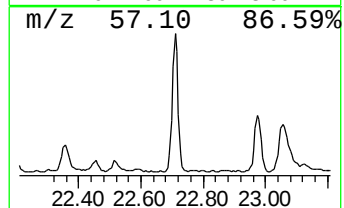
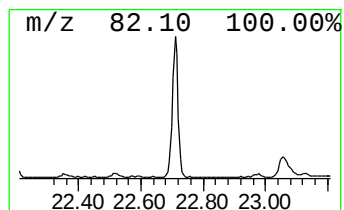
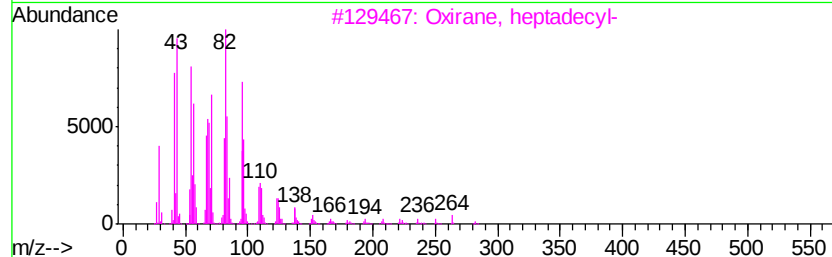
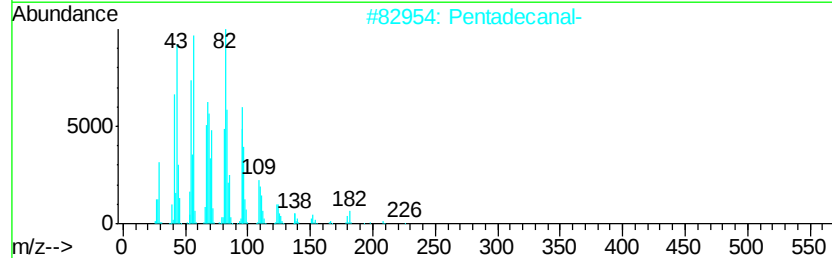
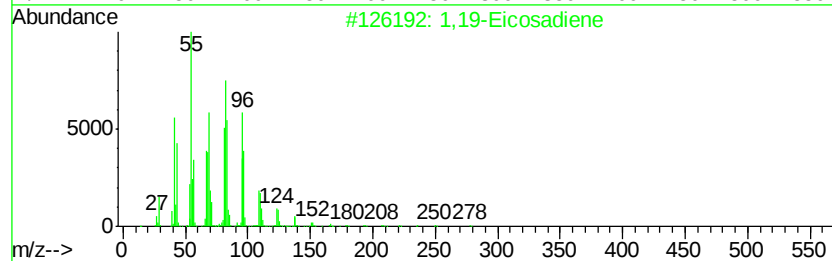
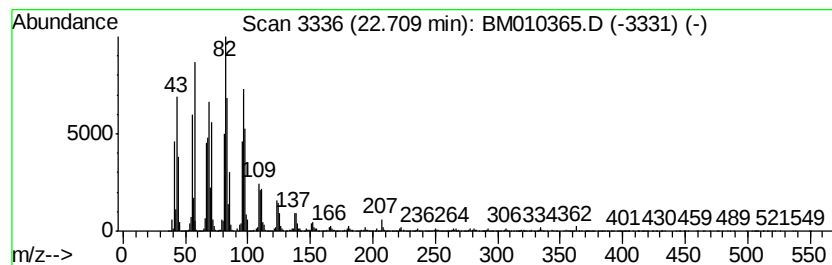
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	42.31 ng/ul	15551700	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2		Pentadecanal-	226	C15H30O	002765-11-9	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4		Octadecanal	268	C18H36O	000638-66-4	91
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
Acq On : 01 Jun 2017 20:59
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Misc :
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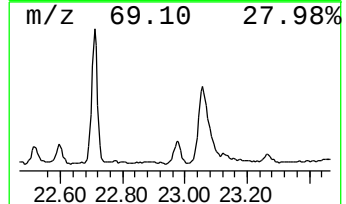
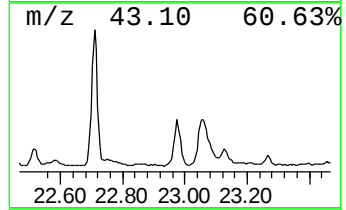
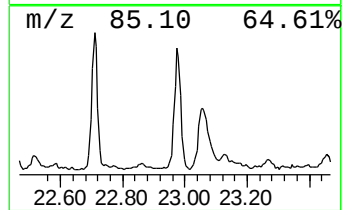
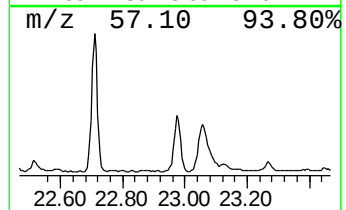
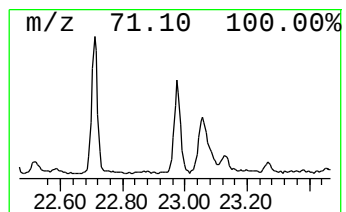
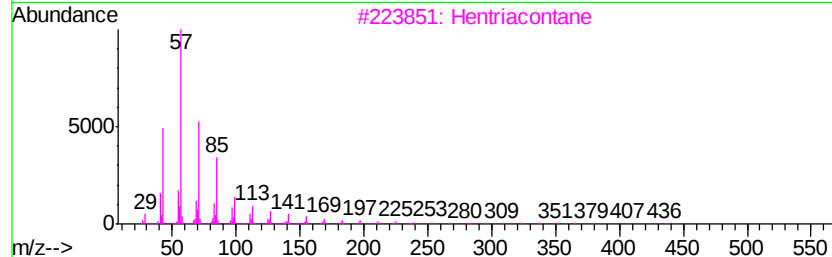
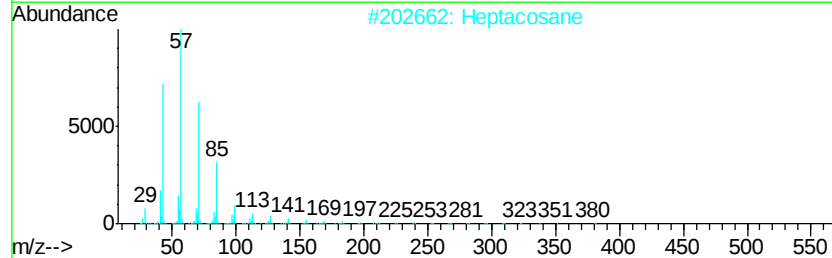
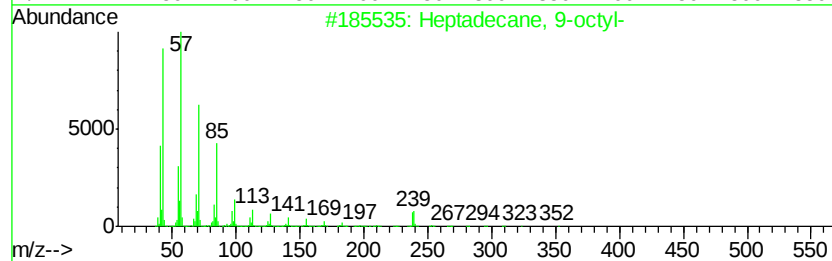
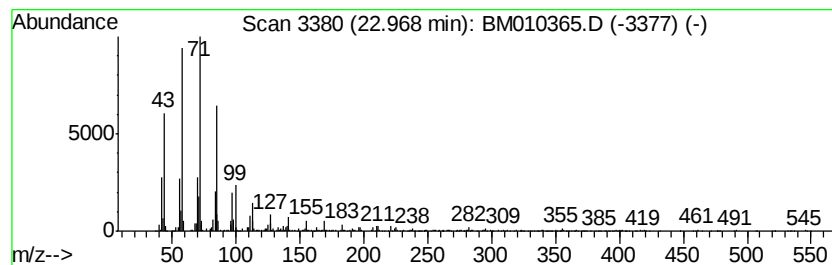
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	9.27 ng/ul	3406210	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
Acq On : 01 Jun 2017 20:59
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Instrument :
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ClientSampleId :
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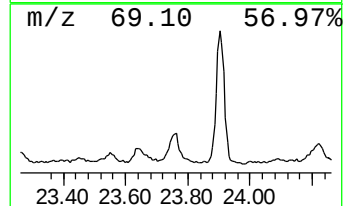
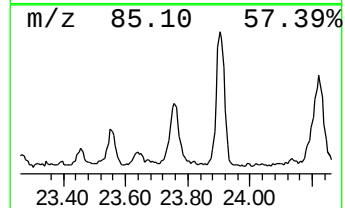
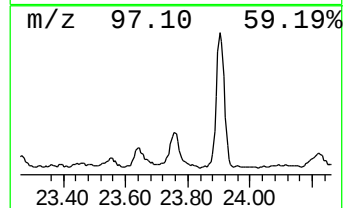
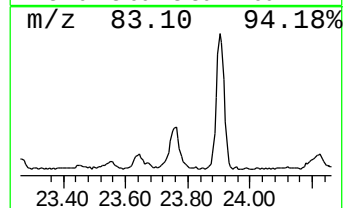
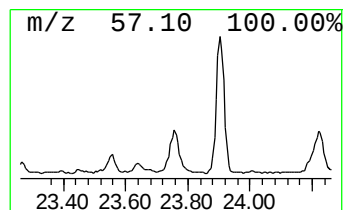
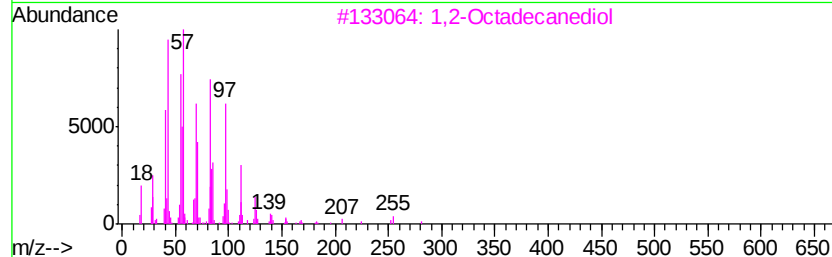
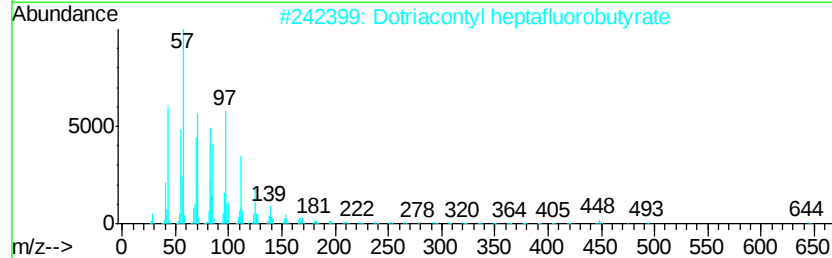
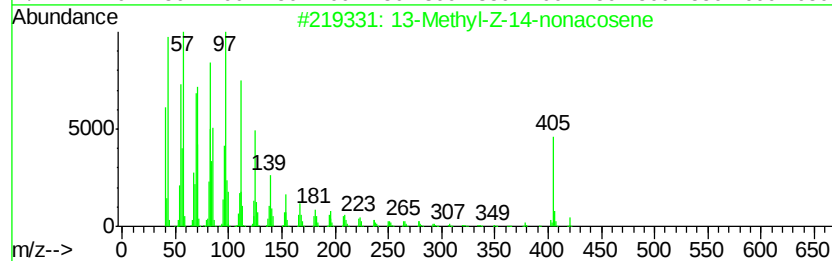
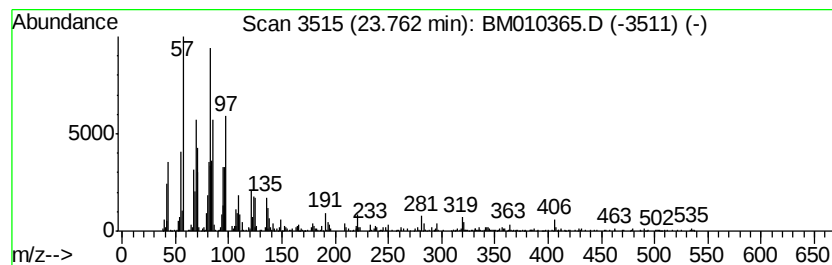
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Cyclic23.76 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	6.20 ng/ul	2278540	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Methyl-Z-14-nonacosene	420	C30H60	1000131-19-0	60
2		Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	47
3		1,2-Octadecanediol	286	C18H38O2	020294-76-2	43
4		Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	30
5		Bromophos-ethyl	392	C10H12BrCl2O3PS	004824-78-6	15



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
Acq On : 01 Jun 2017 20:59
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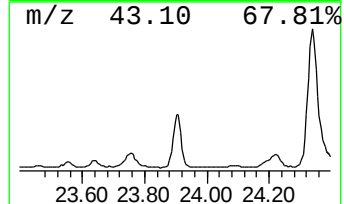
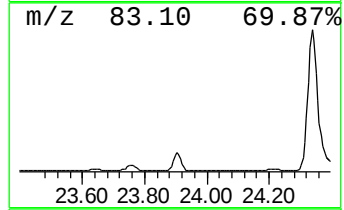
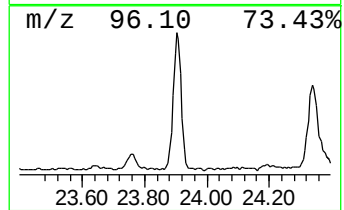
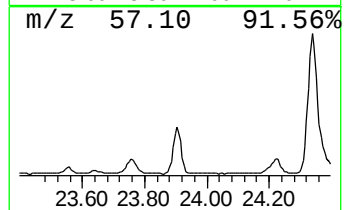
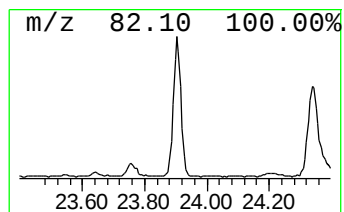
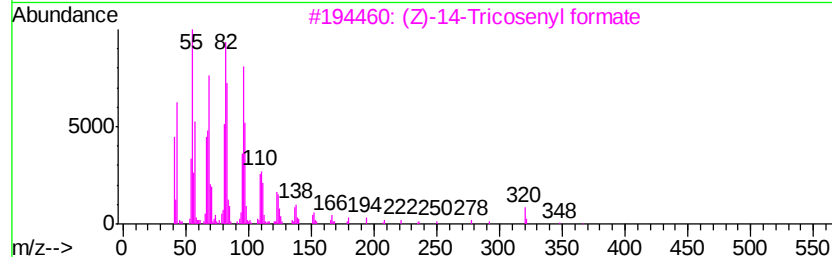
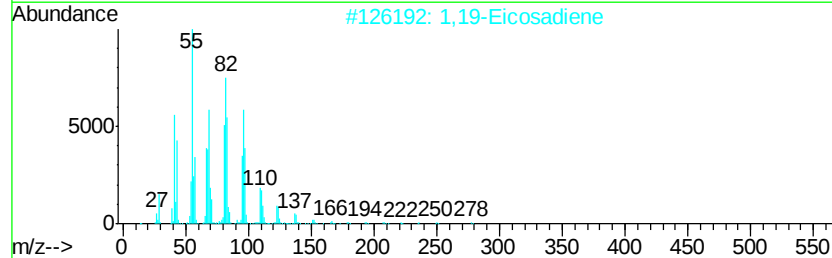
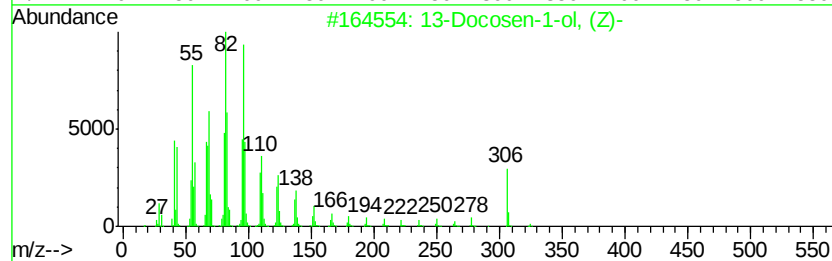
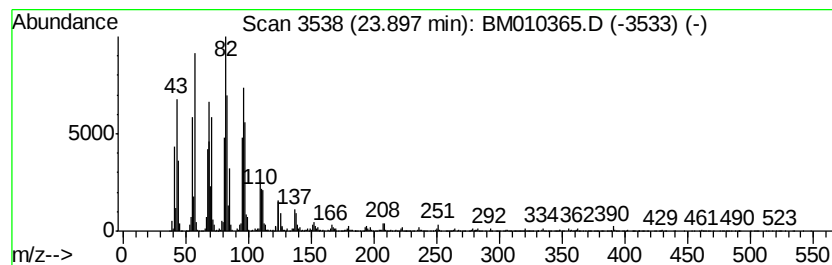
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 13-Docosen-1-ol, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	45.20 ng/ul	16616400	Perylene-d12	23.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	95
2			1,19-Eicosadiene	278	C20H38	014811-95-1	93
3			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	91
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5			Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
Acq On : 01 Jun 2017 20:59
Operator : SJ/MA
Sample : I3163-12
Misc :
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ClientSampleId :
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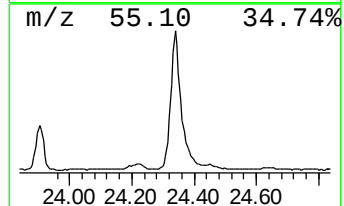
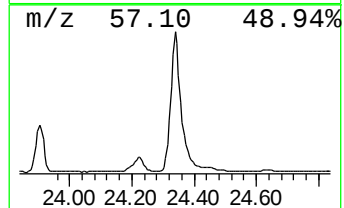
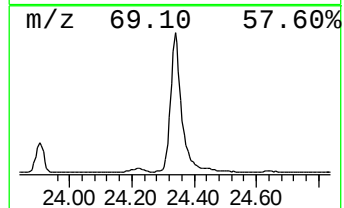
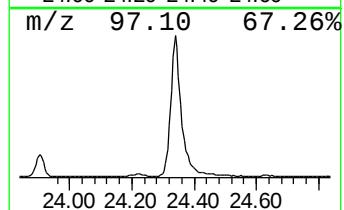
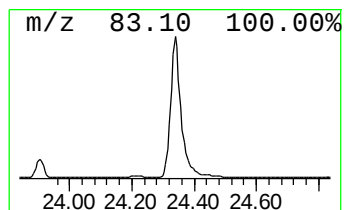
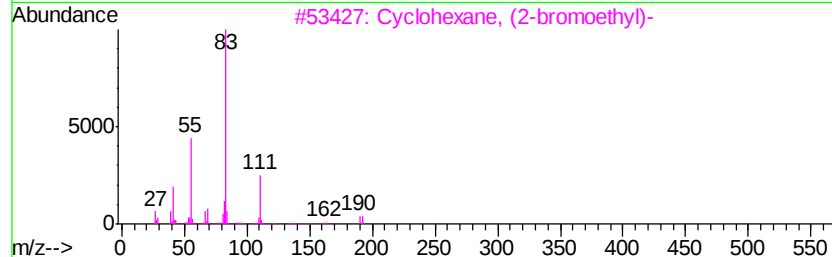
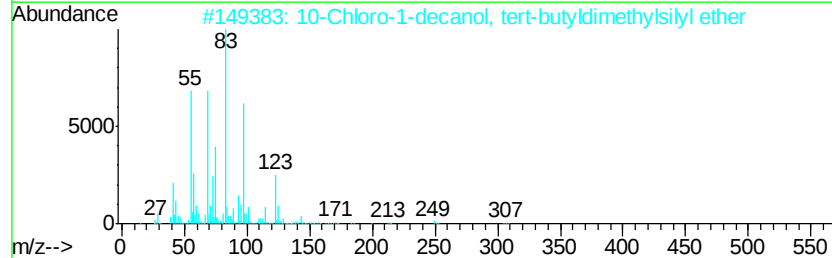
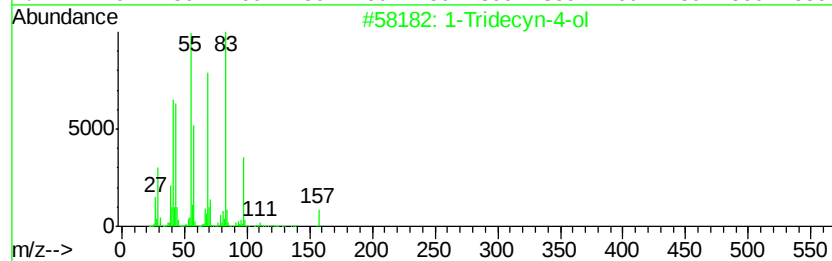
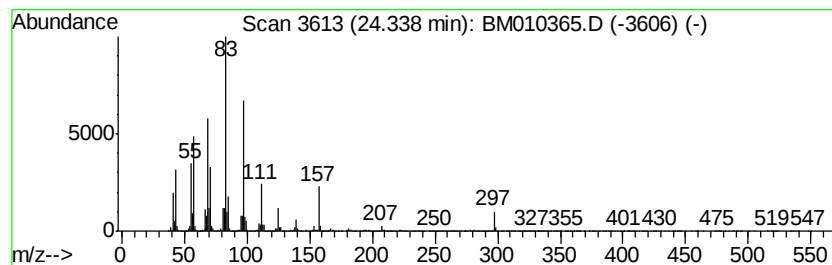
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1-Tridecyn-4-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	155.84 ng/ul	57284600	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tridecyn-4-ol	196	C13H24O	074646-37-0	53
2		10-Chloro-1-decanol, tert-butyld...	306	C16H35ClOSi	1000333-09-1	50
3		Cyclohexane, (2-bromoethyl)-	190	C8H15Br	001647-26-3	38
4		2-Propanone, 1-cyclopentyl-3-eth...	170	C10H18O2	051149-71-4	38
5		(E)-Dodec-2-enyl (E)-2-methylbut...	266	C17H30O2	1000373-71-6	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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Acq On : 01 Jun 2017 20:59
Operator : SJ/MA
Sample : I3163-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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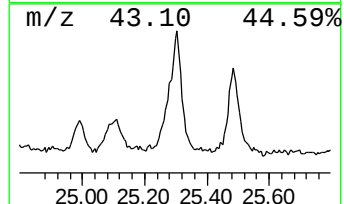
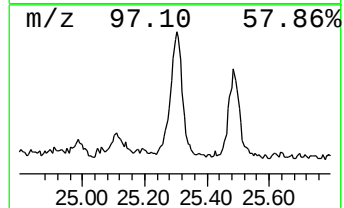
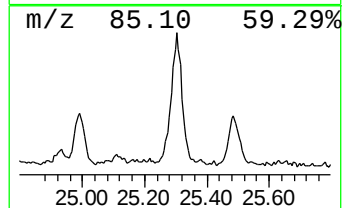
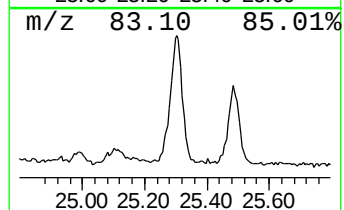
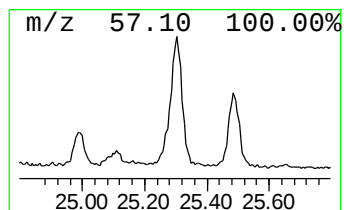
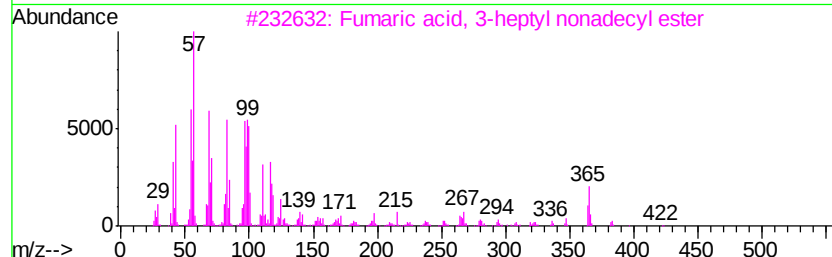
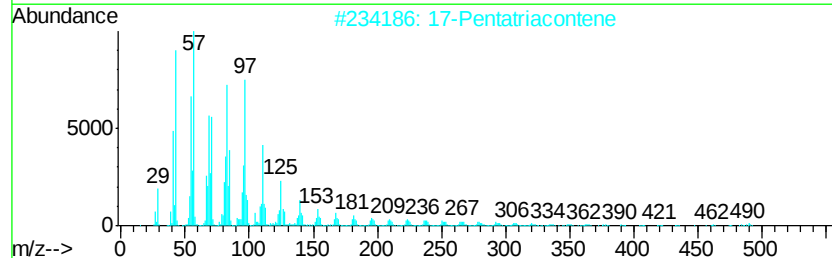
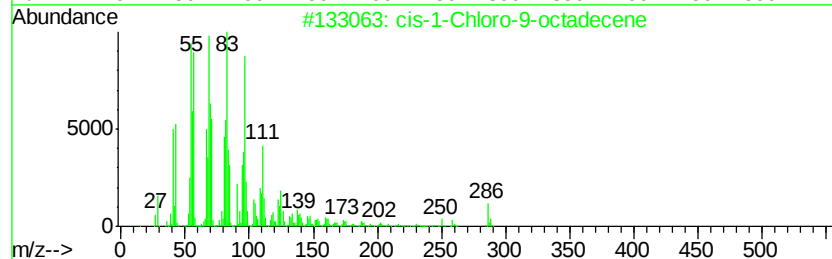
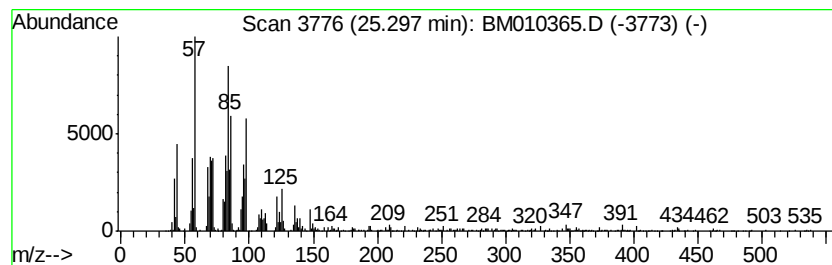
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 cis-1-Chloro-9-octadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.30	20.65 ng/ul	7591170	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	64
2		17-Pentatriacontene	491	C35H70	006971-40-0	59
3		Fumaric acid, 3-heptyl nonadecyl...	480	C30H56O4	1000348-69-6	50
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	50
5		Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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Acq On : 01 Jun 2017 20:59
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Sample : I3163-12
Misc :
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Instrument :
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ClientSampleId :
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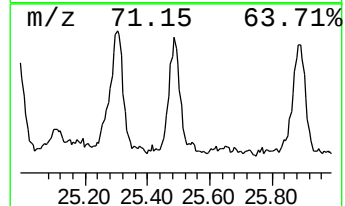
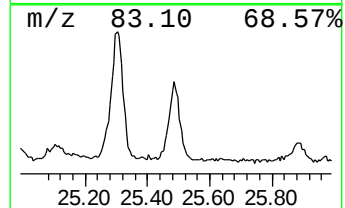
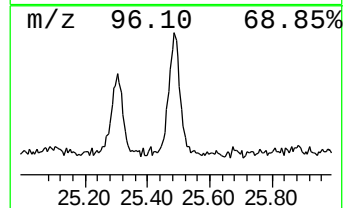
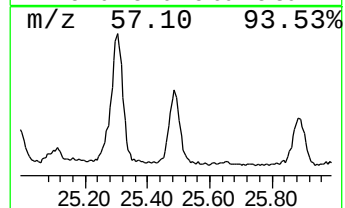
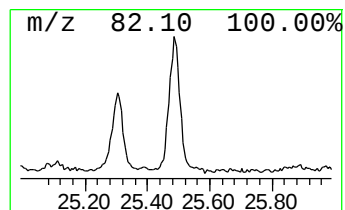
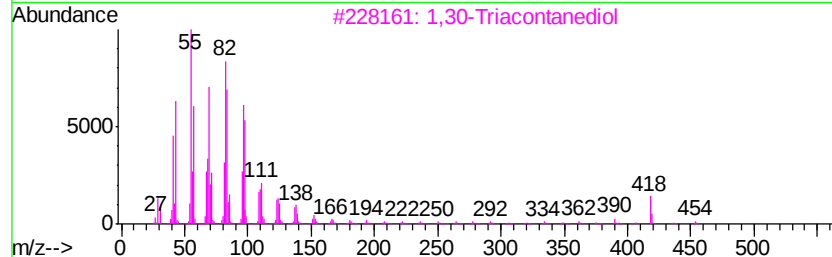
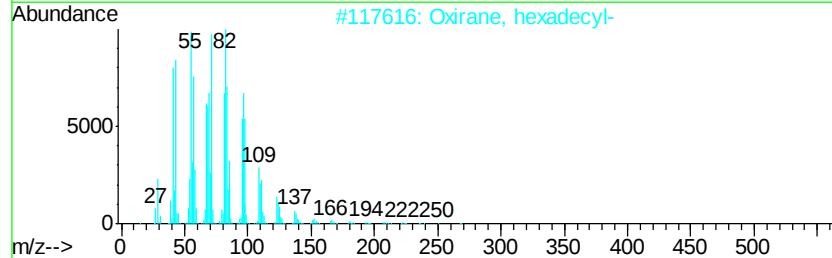
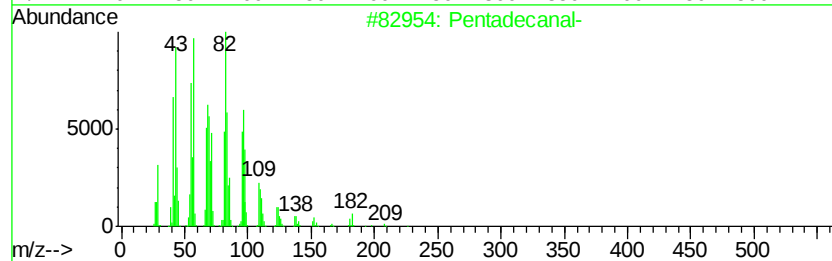
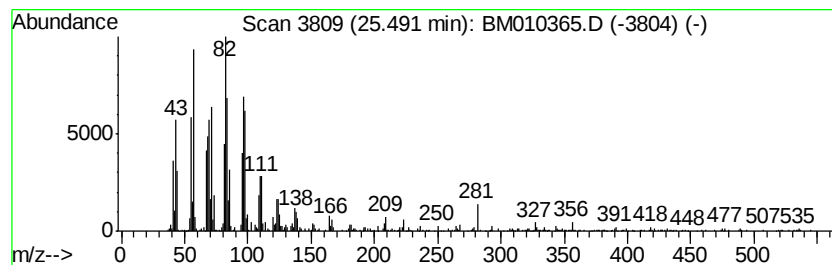
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Pentadecanal- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.49	15.33 ng/ul	5635660	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanal-	226	C15H30O	002765-11-9	93
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3		1,30-Triacontanediol	454	C30H62O2	036645-68-8	83
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
5		E-9-Tetradecen-1-ol formate	240	C15H28O2	1000130-78-2	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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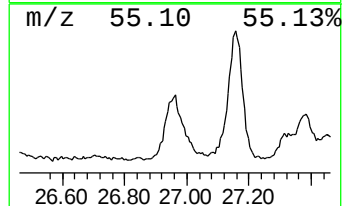
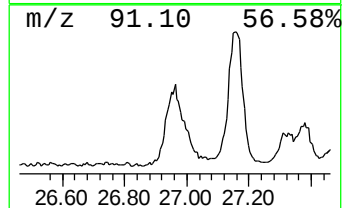
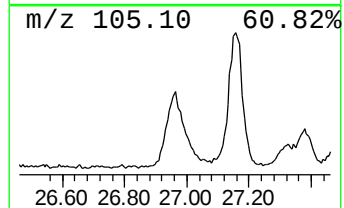
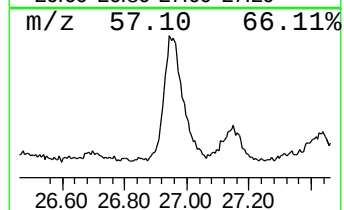
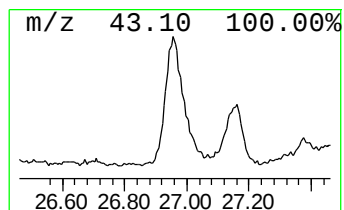
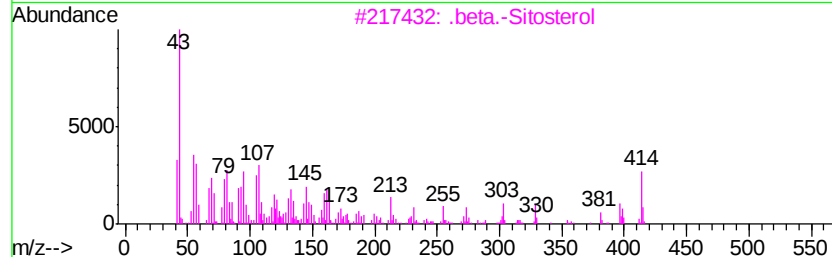
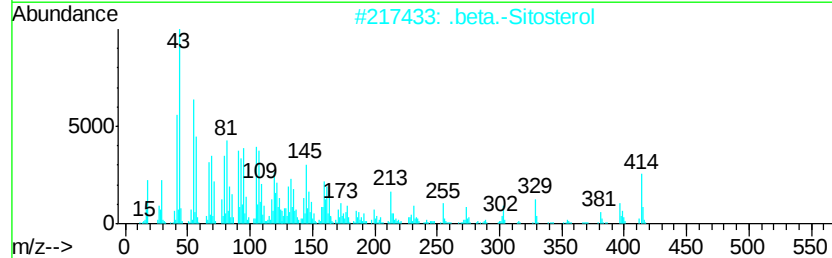
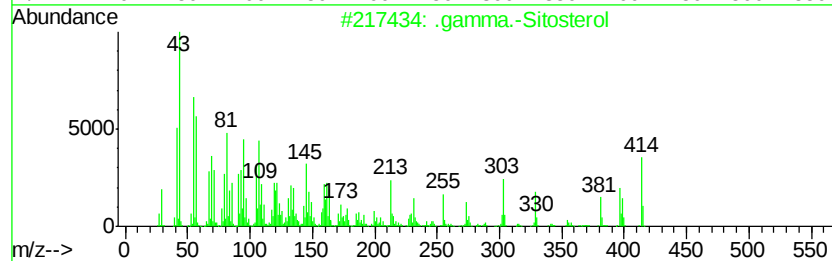
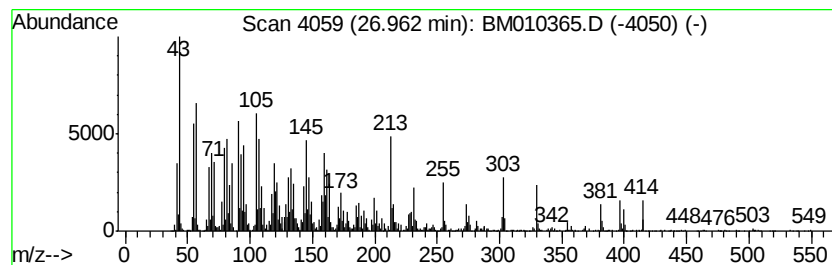
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 .gamma.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.96	44.85 ng/ul	16485800	Perylene-d12	23.81
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 91
3		.beta.-Sitosterol	414 C29H50O	000083-46-5 91
4		.gamma.-Sitosterol	414 C29H50O	000083-47-6 70
5		Campesterol	400 C28H48O	000474-62-4 58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
Acq On : 01 Jun 2017 20:59
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Misc :
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ClientSampleId :
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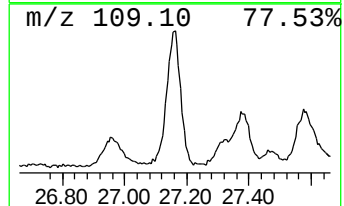
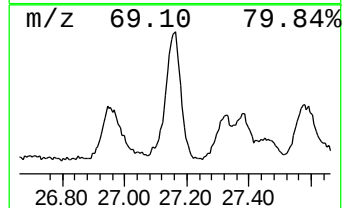
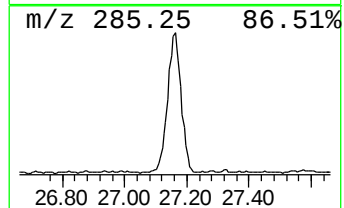
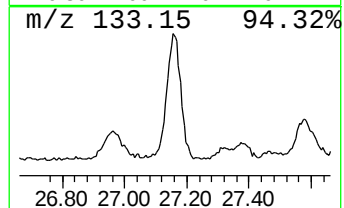
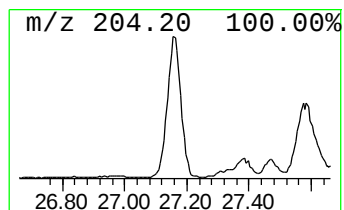
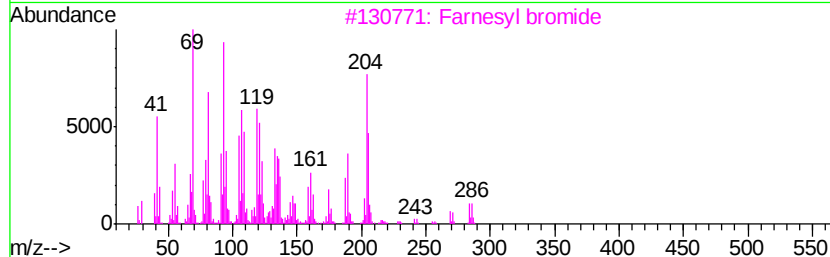
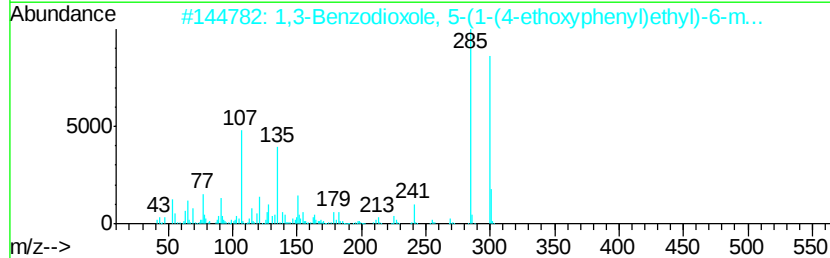
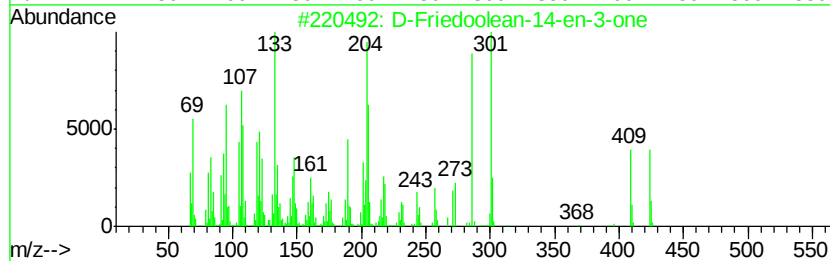
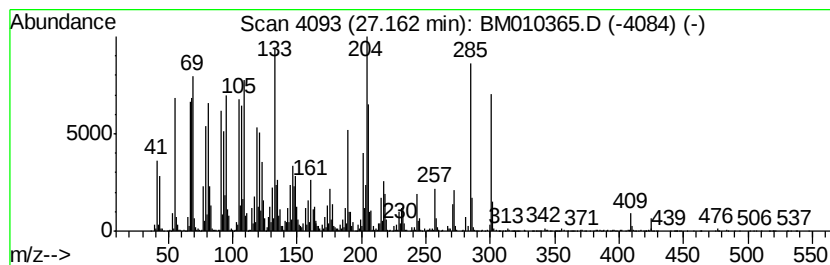
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	71.79 ng/ul	26389100	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	46
2		1,3-Benzodioxole, 5-(1-(4-ethoxy...	300	C18H20O4	090632-70-5	44
3		Farnesyl bromide	284	C15H25Br	006874-67-5	43
4		(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	41
5		4H-1-Benzopyran-4-one, 3,7-dihyd...	300	C16H12O6	057396-72-2	40



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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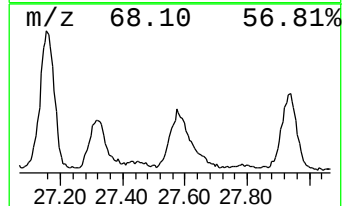
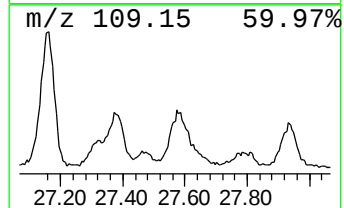
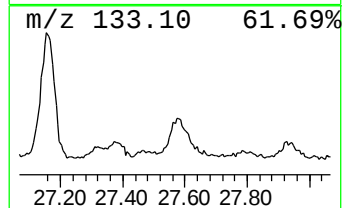
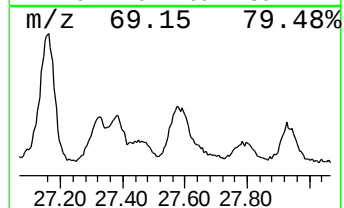
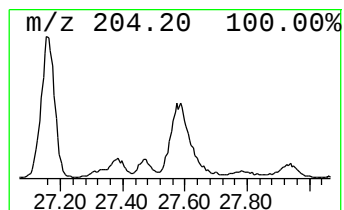
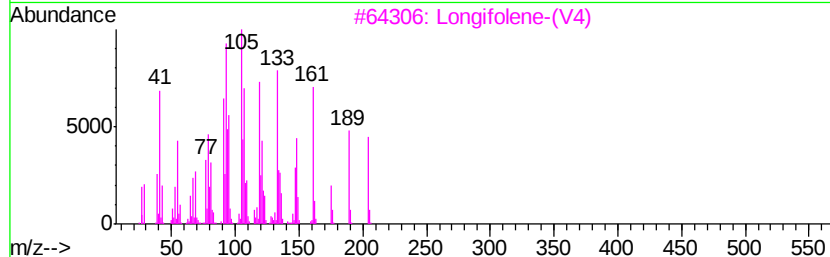
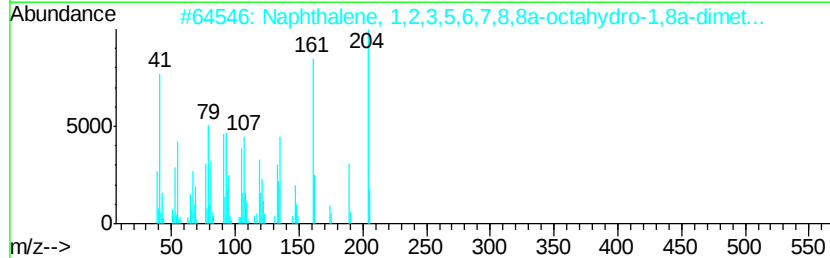
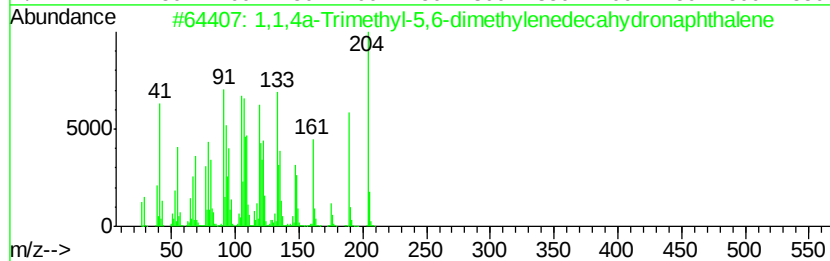
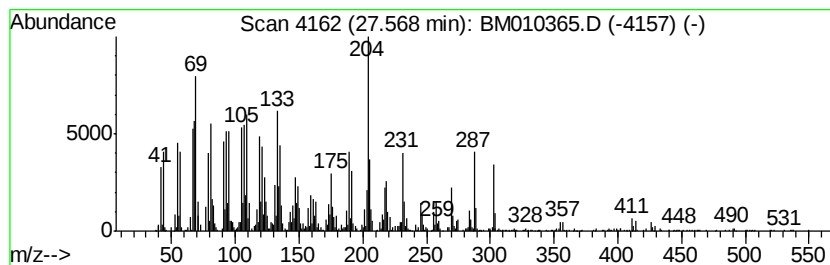
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.57	40.44 ng/ul	14866100	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	62
2		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	55
3		Longifolene-(V4)	204	C15H24	061262-67-7	49
4		1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	46
5		1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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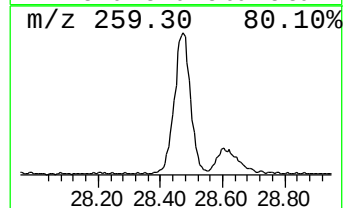
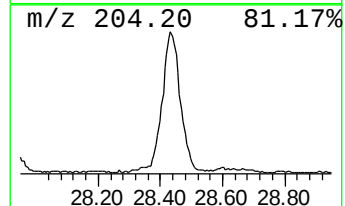
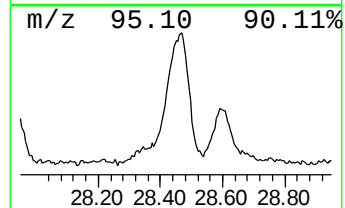
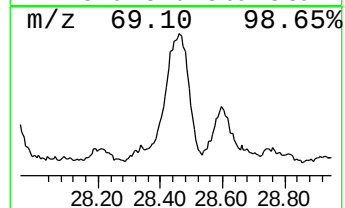
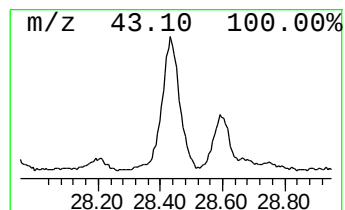
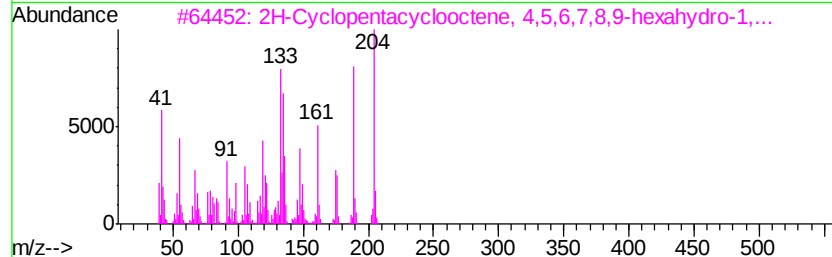
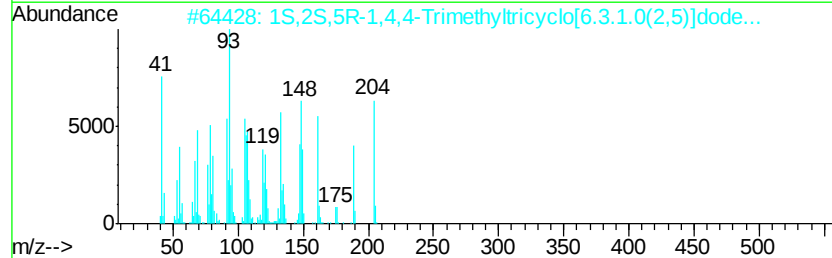
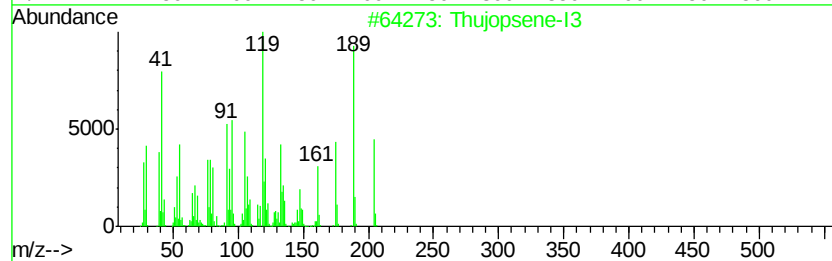
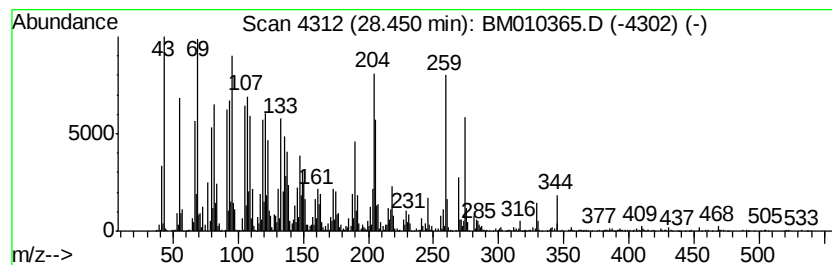
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.45	72.35 ng/ul	26596300	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thujopsene-I3	204	C15H24	1000162-77-8	43
2		1S,2S,5R-1,4,4-Trimethyltricyclo...	204	C15H24	1000140-07-5	41
3		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	41
4		1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	38
5		1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010365.D
Acq On : 01 Jun 2017 20:59
Operator : SJ/MA
Sample : I3163-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

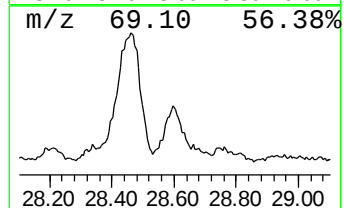
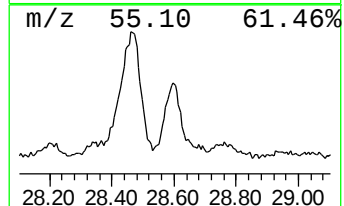
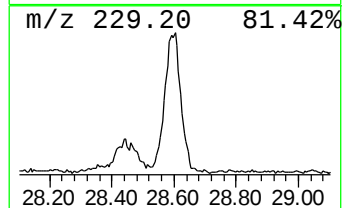
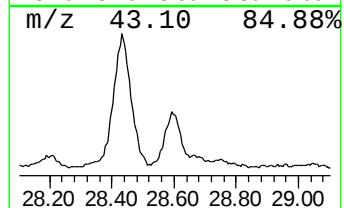
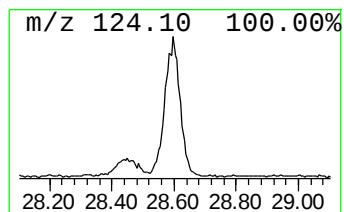
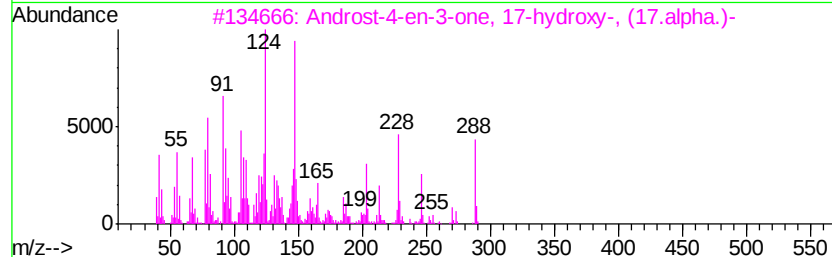
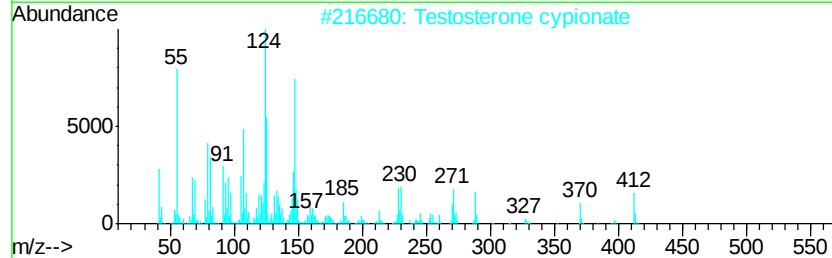
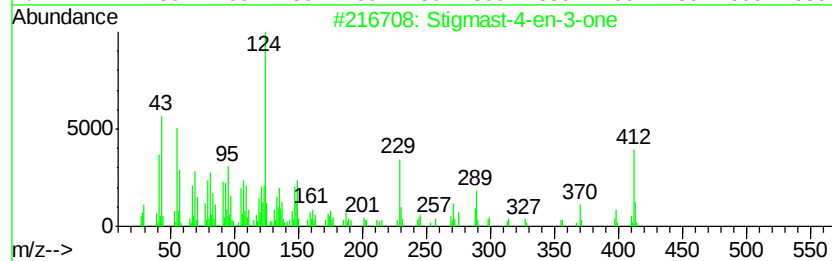
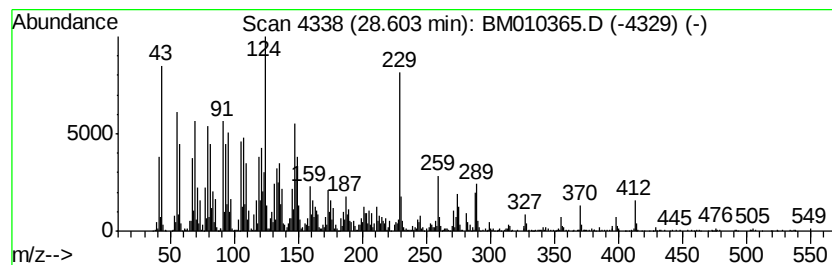
Instrument :
BNA_M
ClientSampled :
JHSG1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 Stigmast-4-en-3-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.60	27.07 ng/ul	9950290	Perylene-d12	23.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 93
2		Testosterone cypionate	412 C27H40O3	000058-20-8 86
3		Androst-4-en-3-one, 17-hydroxy-, ...	288 C19H28O2	000481-30-1 58
4		Testosterone	288 C19H28O2	000058-22-0 55
5		Testosterone cypionate	412 C27H40O3	000058-20-8 46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
 Data File : BM010365.D
 Acq On : 01 Jun 2017 20:59
 Operator : SJ/MA
 Sample : I3163-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSG1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.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	17.15	3.0	ng/ul	744284	4	17.30	5028700	20.0
Tridecanoic acid	18.15	11.0	ng/ul	2762460	4	17.30	5028700	20.0
7-Heptadecyne, 17...	18.46	5.3	ng/ul	1335030	4	17.30	5028700	20.0
trans-13-Octadece...	19.30	3.6	ng/ul	898046	4	17.30	5028700	20.0
Octadecanoic acid	19.42	3.0	ng/ul	1212820	5	21.46	7949060	20.0
Sulfurous acid, 2...	20.15	4.8	ng/ul	1909610	5	21.46	7949060	20.0
Eicosanoic acid	20.50	9.8	ng/ul	3891430	5	21.46	7949060	20.0
Methyl dehydroabi...	20.63	8.4	ng/ul	3328860	5	21.46	7949060	20.0
(DEL) Alkane: Cyc...	21.13	29.1	ng/ul	11584300	5	21.46	7949060	20.0
Oxirane, hexadecyl-	21.74	6.9	ng/ul	2733490	5	21.46	7949060	20.0
(DEL) Alkane: Str...	21.99	13.5	ng/ul	5380580	5	21.46	7949060	20.0
(DEL) Alkane: Cyc...	22.03	21.7	ng/ul	8632150	5	21.46	7949060	20.0
Tetracosanoic acid	22.36	13.4	ng/ul	5319290	5	21.46	7949060	20.0
1-Heptacosanol	22.52	2.6	ng/ul	1047380	5	21.46	7949060	20.0
1,19-Eicosadiene	22.71	42.3	ng/ul	15551700	6	23.81	7351780	20.0
(DEL) Alkane: Str...	22.97	9.3	ng/ul	3406210	6	23.81	7351780	20.0
(DEL) Alkane: Cyc...	23.76	6.2	ng/ul	2278540	6	23.81	7351780	20.0
13-Docosen-1-ol, ...	23.90	45.2	ng/ul	16616400	6	23.81	7351780	20.0
1-Tridecyn-4-ol	24.34	155.8	ng/ul	57284600	6	23.81	7351780	20.0
cis-1-Chloro-9-oc...	25.30	20.6	ng/ul	7591170	6	23.81	7351780	20.0
Pentadecanal-	25.49	15.3	ng/ul	5635660	6	23.81	7351780	20.0
.gamma.-Sitosterol	26.96	44.9	ng/ul	16485800	6	23.81	7351780	20.0
unknown-02	27.16	71.8	ng/ul	26389100	6	23.81	7351780	20.0
1,1,4a-Trimethyl-...	27.57	40.4	ng/ul	14866100	6	23.81	7351780	20.0
unknown-03	28.45	72.3	ng/ul	26596300	6	23.81	7351780	20.0
Stigmast-4-en-3-one	28.60	27.1	ng/ul	9950290	6	23.81	7351780	20.0