

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
 Data File : BM010370.D
 Acq On : 01 Jun 2017 23:59
 Operator : SJ/MA
 Sample : I3163-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSG8

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	674	683	693	rBV	842574	1502523	1.08%	0.173%
2	7.457	737	743	754	rBV	1012716	1600000	1.15%	0.184%
3	7.916	813	821	829	rBV	1424408	2345212	1.69%	0.269%
4	8.645	938	945	956	rBV	1049066	1783072	1.29%	0.205%
5	9.104	1014	1023	1031	rBV	844834	1434850	1.04%	0.165%
6	10.351	1228	1235	1248	rVB	1238740	2149432	1.55%	0.247%
7	10.722	1290	1298	1306	rBV	1687154	2871217	2.07%	0.330%
8	13.969	1843	1850	1854	rBV	2295009	3042987	2.20%	0.350%
9	14.251	1892	1898	1907	rBV	2232944	3250829	2.35%	0.374%
10	14.557	1941	1950	1960	rBV3	2342386	3746923	2.70%	0.431%
11	15.545	2108	2118	2125	rBV	2951768	4276678	3.09%	0.491%
12	17.298	2410	2416	2427	rBV	3037544	4524063	3.26%	0.520%
13	17.398	2427	2433	2441	rVV	3235385	4522692	3.26%	0.520%
14	18.151	2556	2561	2569	rBV	2438450	3429112	2.47%	0.394%
15	18.456	2607	2613	2621	rVB2	1503994	2261271	1.63%	0.260%
16	19.421	2773	2777	2779	rBV	1312030	1532419	1.11%	0.176%
17	19.686	2817	2822	2831	rVB	4686106	6311628	4.55%	0.725%
18	20.150	2896	2901	2909	rBV	4464330	6252872	4.51%	0.719%
19	20.497	2956	2960	2971	rBV	2747247	4531118	3.27%	0.521%
20	20.645	2979	2985	2991	rBV5	759327	1558772	1.12%	0.179%
21	20.833	3014	3017	3024	rBV2	1705727	2296781	1.66%	0.264%
22	21.127	3060	3067	3077	rBV3	24529463	47163219	34.03%	5.419%
23	21.433	3115	3119	3122	rBV	7187385	10068866	7.26%	1.157%
24	21.462	3122	3124	3131	rVB	6074468	7147761	5.16%	0.821%
25	21.739	3167	3171	3179	rVB	10224420	10975286	7.92%	1.261%
26	21.986	3208	3213	3217	rBV	14247025	17374803	12.54%	1.997%
27	22.027	3217	3220	3229	rVB	14673970	23150766	16.70%	2.660%
28	22.203	3246	3250	3259	rBV	2154708	2740871	1.98%	0.315%
29	22.362	3272	3277	3287	rBV2	5496532	9669858	6.98%	1.111%
30	22.515	3299	3303	3309	rBV	3028600	4738974	3.42%	0.545%
31	22.715	3331	3337	3351	rBV	72850423	92571842	66.79%	10.637%
32	22.980	3377	3382	3388	rVB	5169529	7847932	5.66%	0.902%
33	23.056	3389	3395	3405	rBV	20270158	40680464	29.35%	4.675%
34	23.268	3427	3431	3440	rVB2	2436382	4094480	2.95%	0.470%

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35	23.656	3491	3497	3505	rVB2	4880894	12247903	8.84%	1.407%
36	23.815	3519	3524	3531	rVB2	3540259	6891580	4.97%	0.792%
37	23.915	3533	3541	3554	rVB	45991793	74332004	53.63%	8.541%
38	24.350	3607	3615	3627	rBV2	14973493	45015520	32.48%	5.173%
39	25.491	3803	3809	3830	rVB2	6023058	16566497	11.95%	1.904%
40	26.968	4052	4060	4077	rVB5	4724427	17628585	12.72%	2.026%
41	27.179	4084	4096	4109	rVB2	30097311	93555983	67.50%	10.750%
42	27.326	4115	4121	4125	rBV4	2542917	6715784	4.85%	0.772%
43	27.591	4157	4166	4189	rVB3	10028550	38919163	28.08%	4.472%
44	27.809	4196	4203	4213	rVB5	4152244	13683804	9.87%	1.572%
45	27.950	4218	4227	4245	rVB4	9785224	34493367	24.89%	3.964%
46	28.503	4304	4321	4332	rVB7	27468141	138607951	100.00%	15.927%
47	28.620	4333	4341	4368	rVB7	6205836	28149481	20.31%	3.235%

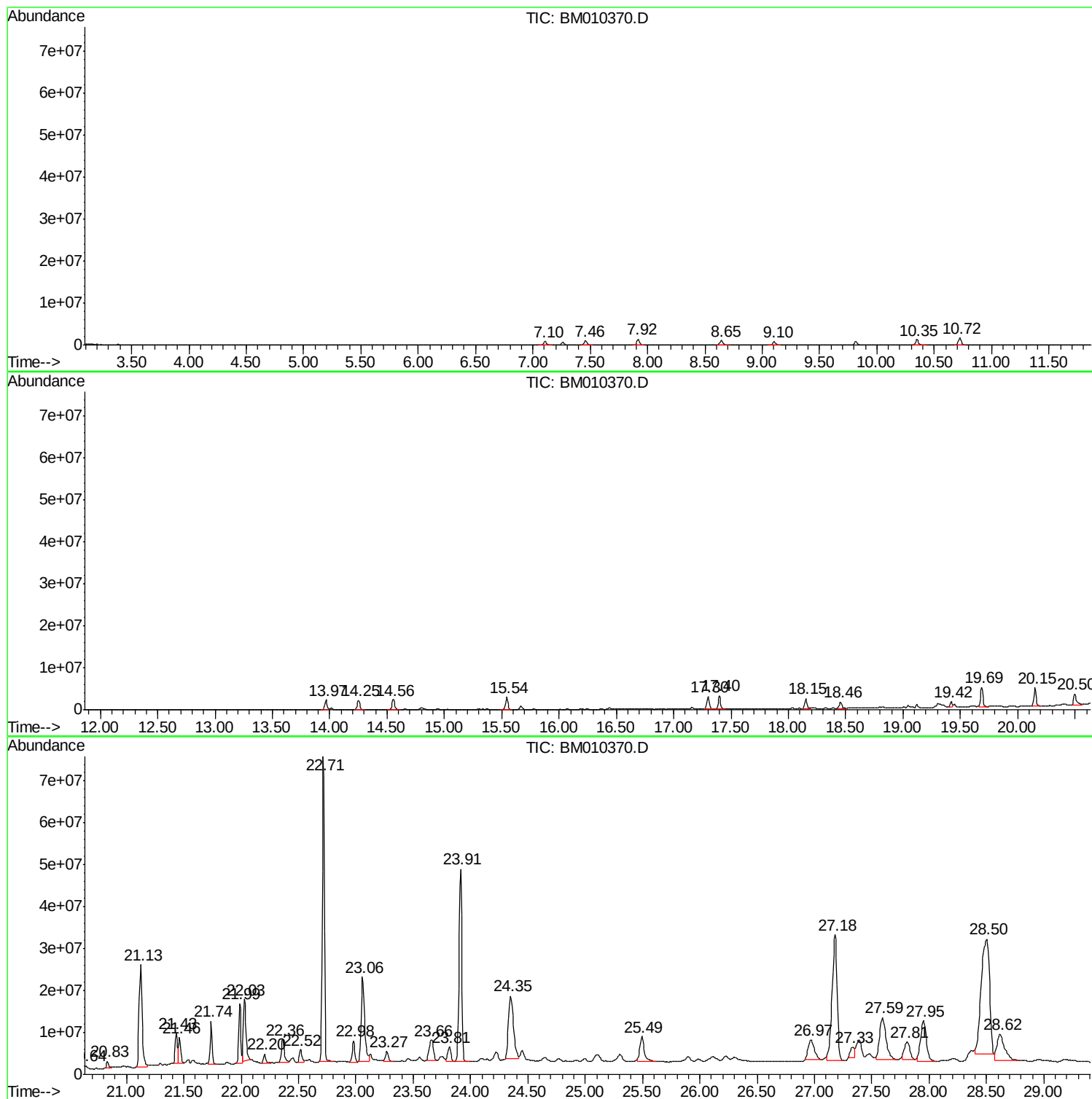
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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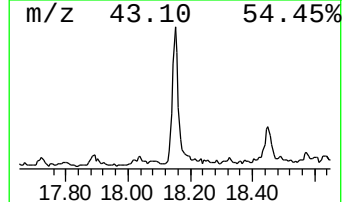
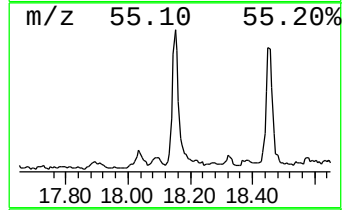
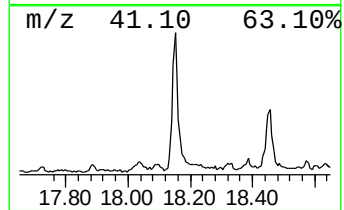
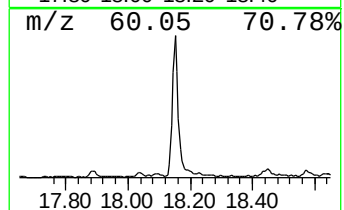
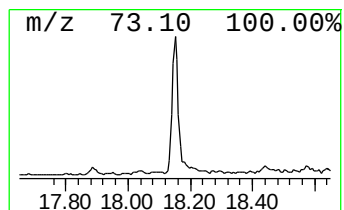
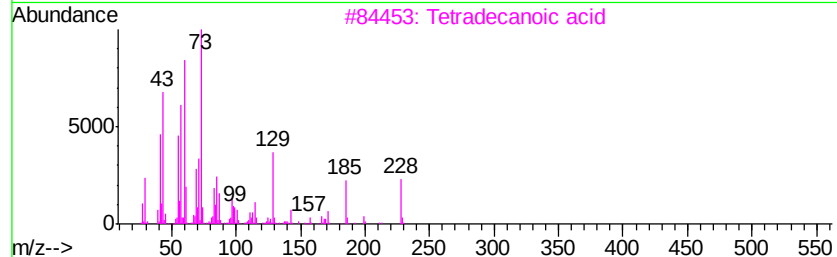
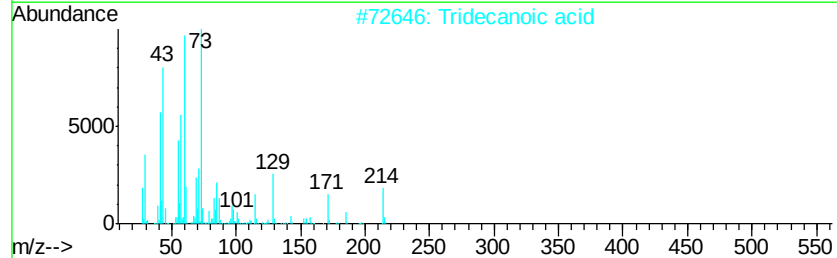
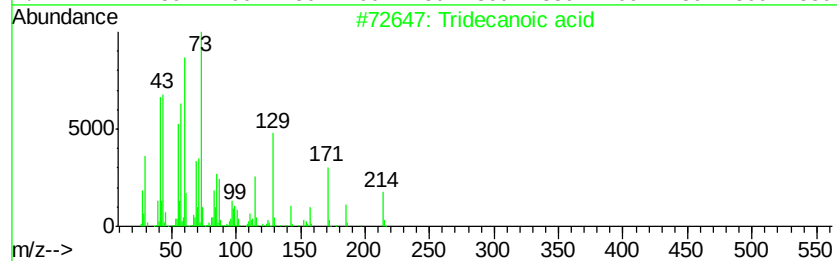
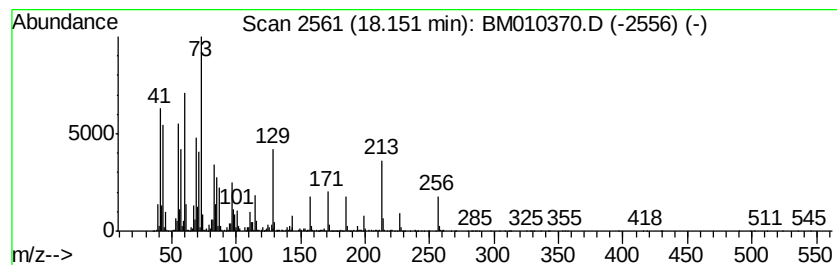
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Peak Number 1 Tridecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	15.16 ng/ul	3429110	Phenanthrene-d10	17.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecanoic acid	214 C13H26O2	000638-53-9	95
2	Tridecanoic acid	214 C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228 C14H28O2	000544-63-8	89
4	Tridecanoic acid	214 C13H26O2	000638-53-9	87
5	Tridecanoic acid	214 C13H26O2	000638-53-9	86



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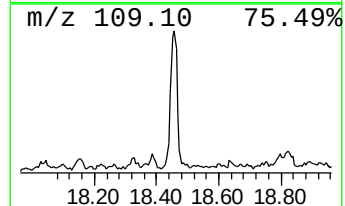
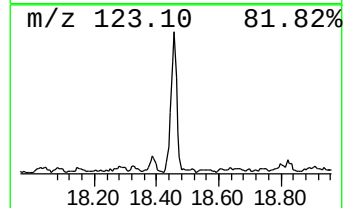
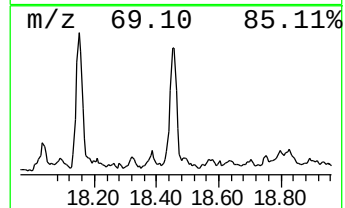
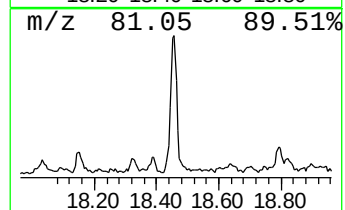
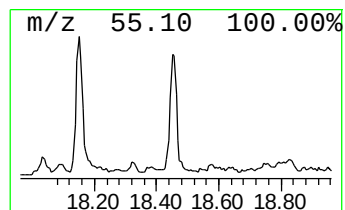
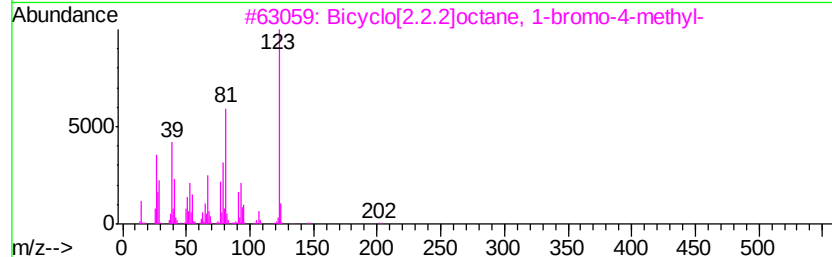
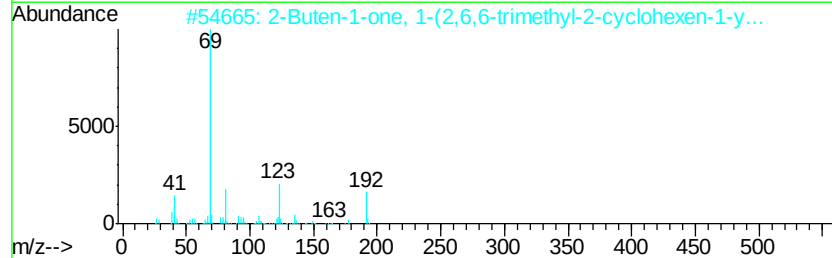
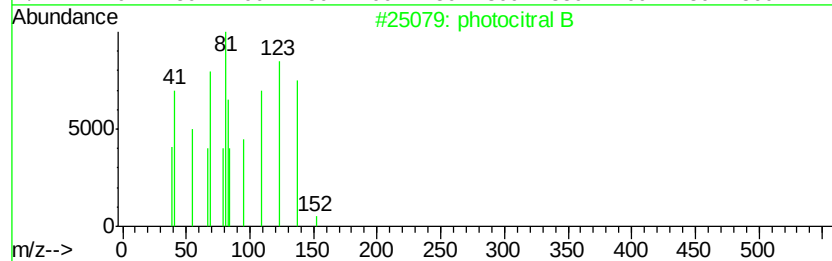
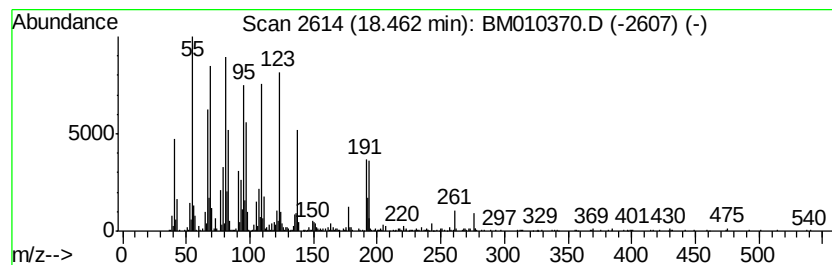
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 photocitral B Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	10.00 ng/ul	2261270	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	photocitral B	152	C10H16O	006040-45-5	70
2		2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	024720-09-0	30
3		Bicyclo[2.2.2]octane, 1-bromo-4-...	202	C9H15Br	000697-40-5	25
4		1,2,5-Tris-0-(trifluoracetyl)-3-...	422	C11H7F9O7	071301-31-0	22
5		Cyclohexane, 3,3,5,5-tetramethyl...	276	C20H36	1000157-88-6	18



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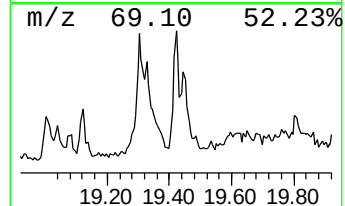
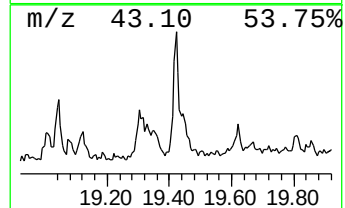
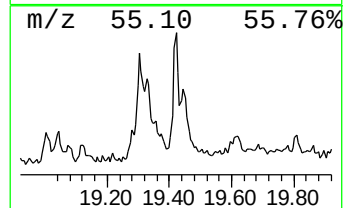
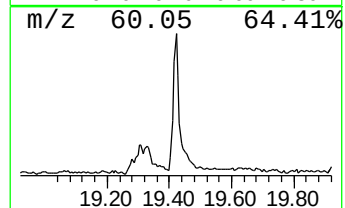
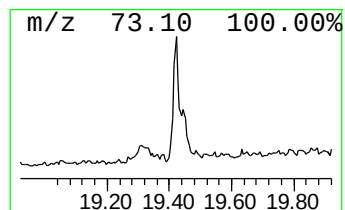
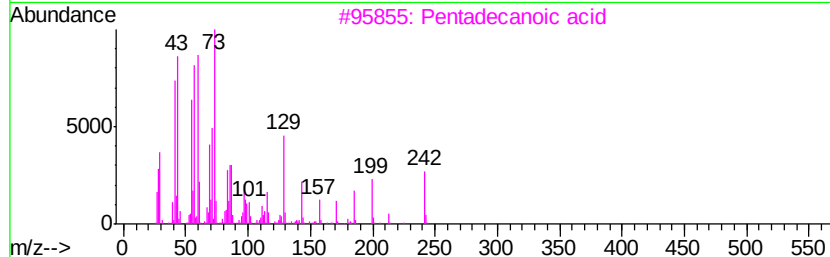
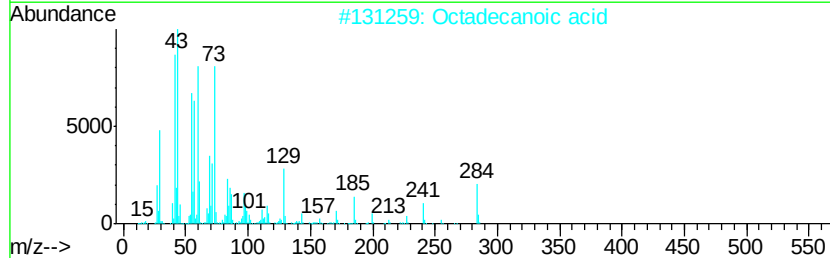
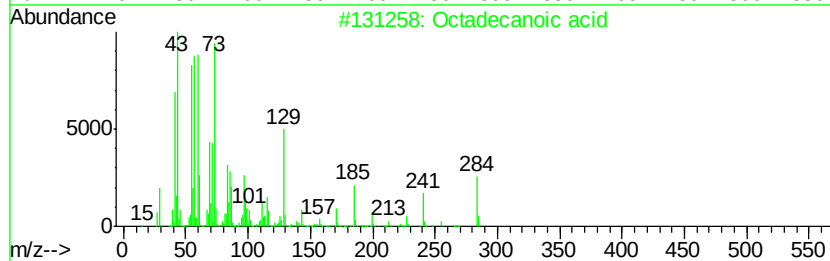
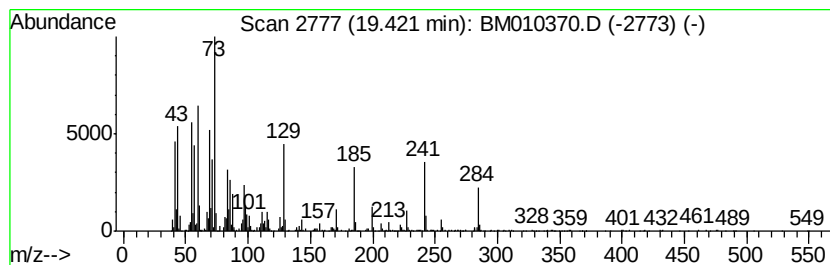
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	4.29 ng/ul	1532420	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Octadecanoic acid	284	C18H36O2	000057-11-4	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Octadecanoic acid	284	C18H36O2	000057-11-4	74
5		Octadecanoic acid	284	C18H36O2	000057-11-4	60



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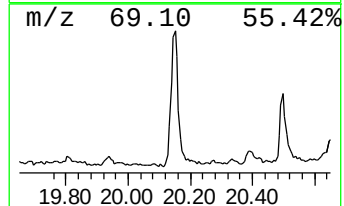
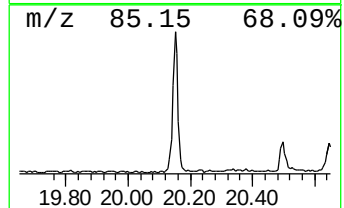
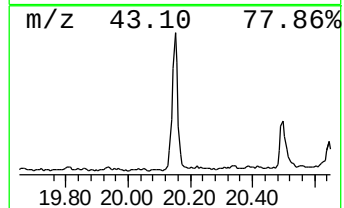
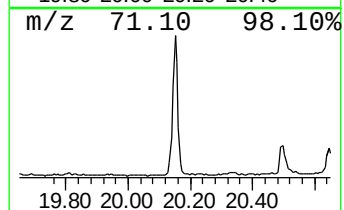
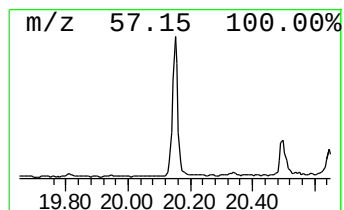
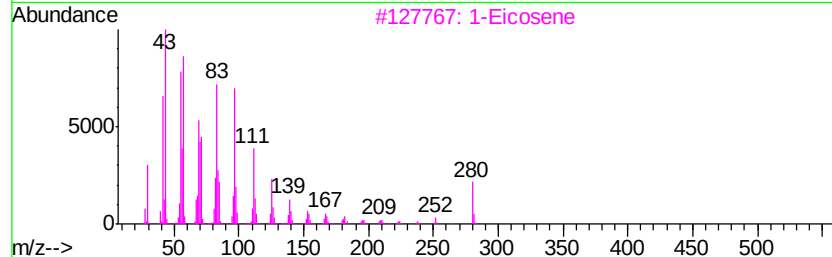
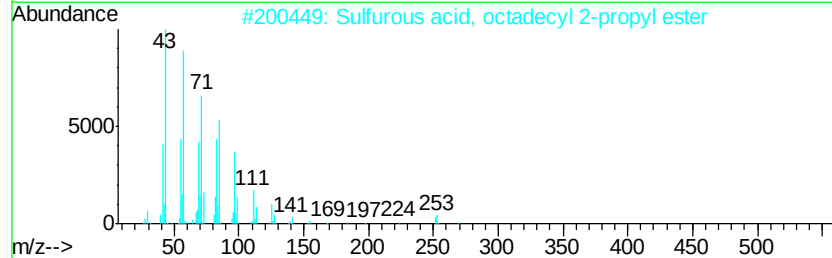
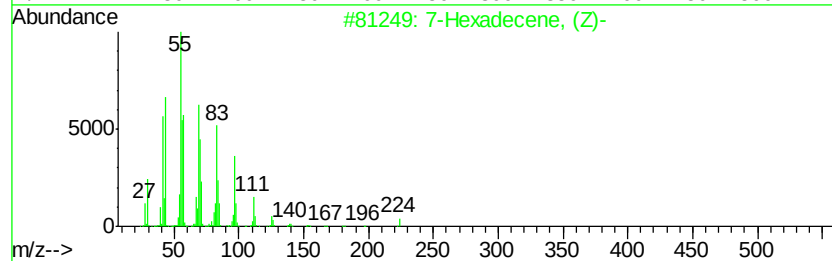
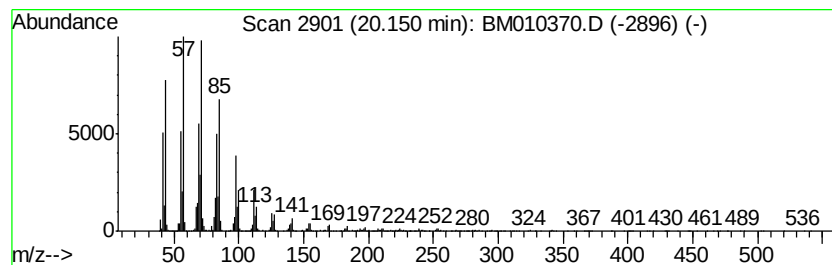
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Peak Number 4 (DEL) Alkane: Cyclic20.15 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	17.50 ng/ul	6252870	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	89
2		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	81
3		1-Eicosene	280	C20H40	003452-07-1	70
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	60



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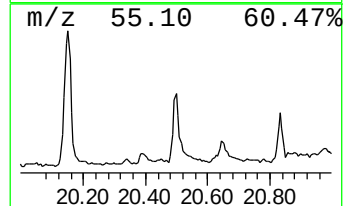
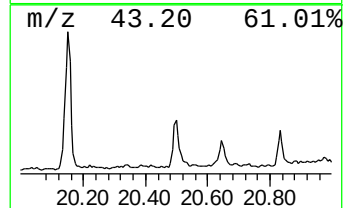
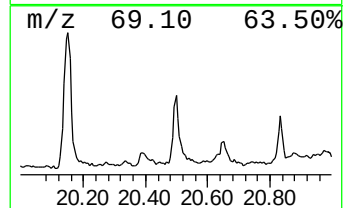
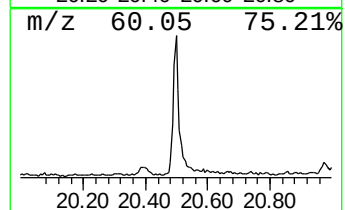
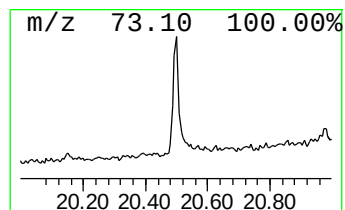
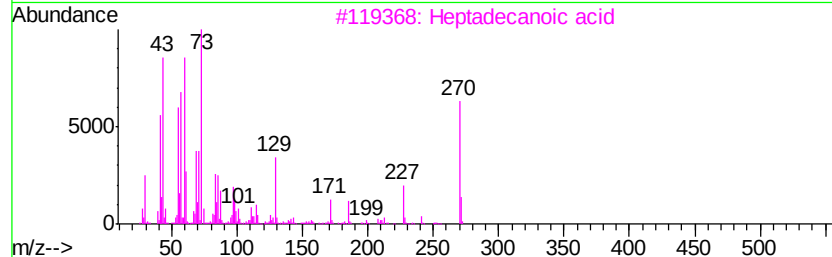
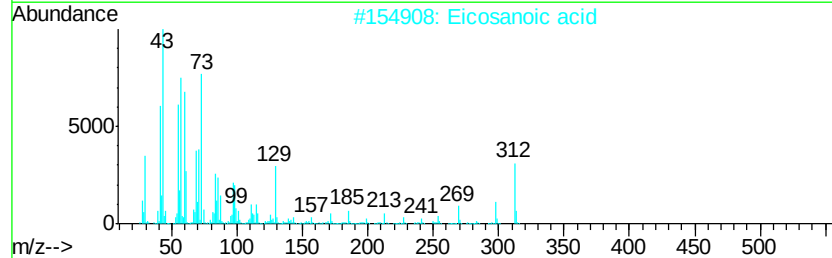
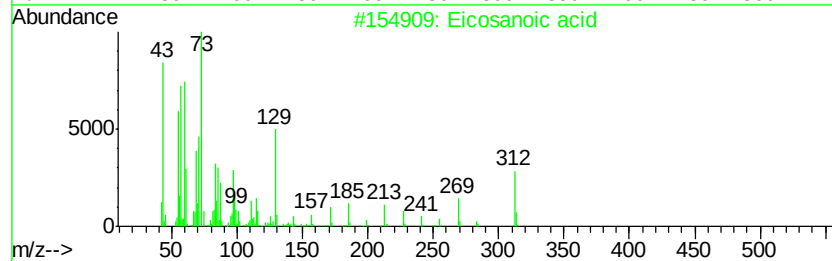
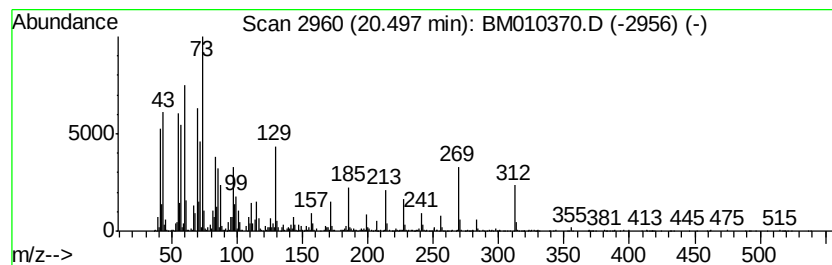
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	12.68 ng/ul	4531120	Chrysene-d12	21.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid		312	C20H40O2	000506-30-9	94
2	Eicosanoic acid		312	C20H40O2	000506-30-9	90
3	Heptadecanoic acid		270	C17H34O2	000506-12-7	89
4	Heptadecanoic acid		270	C17H34O2	000506-12-7	78
5	Eicosanoic acid		312	C20H40O2	000506-30-9	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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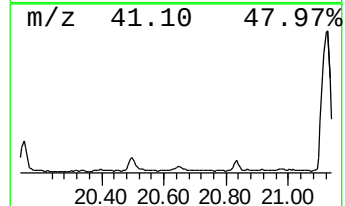
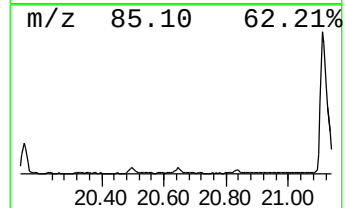
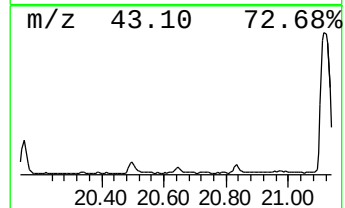
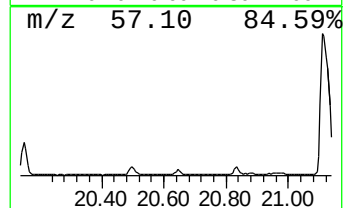
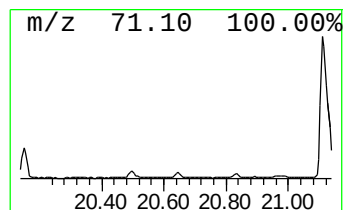
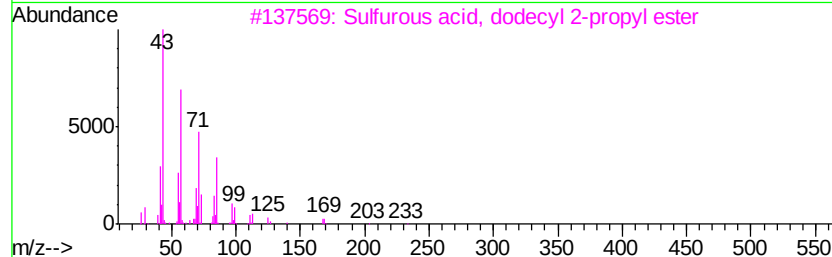
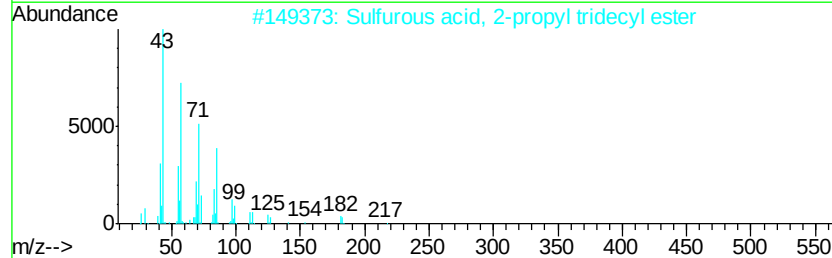
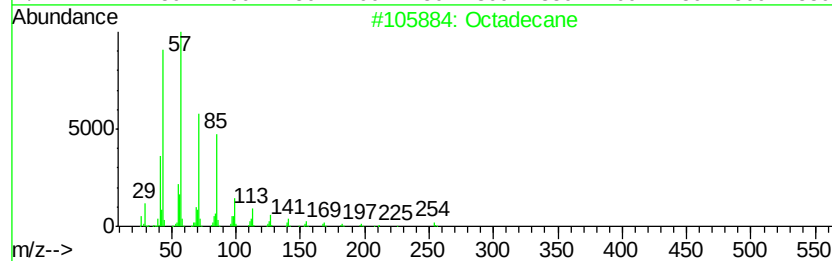
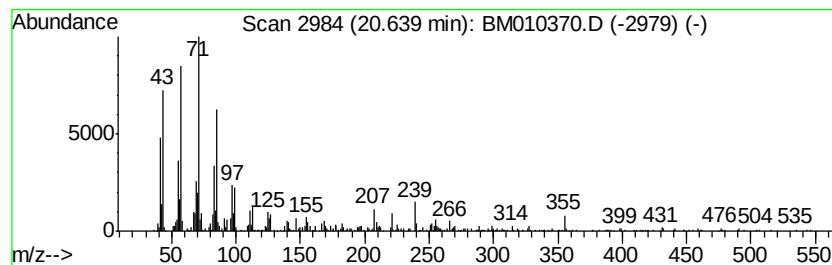
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	4.36 ng/ul	1558770	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	87
3		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	86
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5		Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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Acq On : 01 Jun 2017 23:59
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Sample : I3163-18
Misc :
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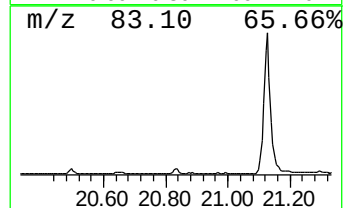
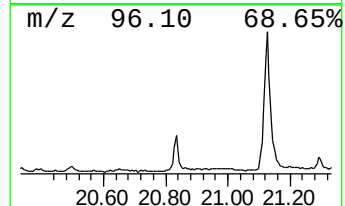
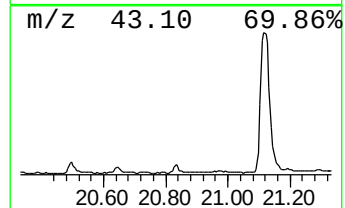
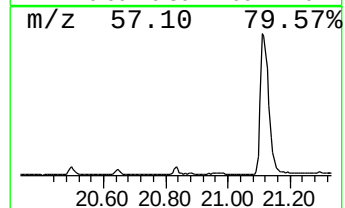
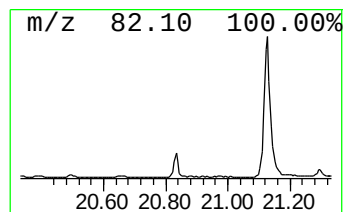
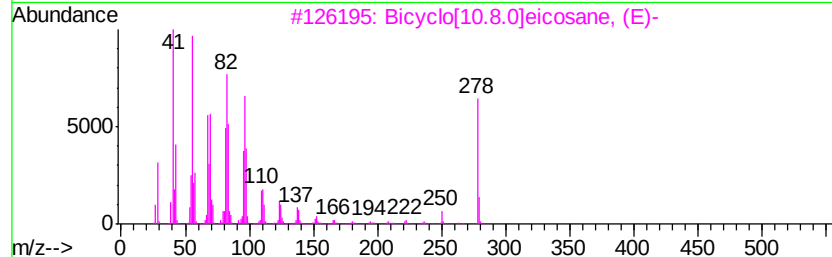
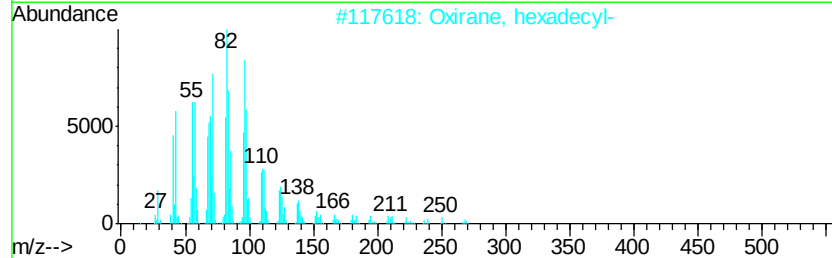
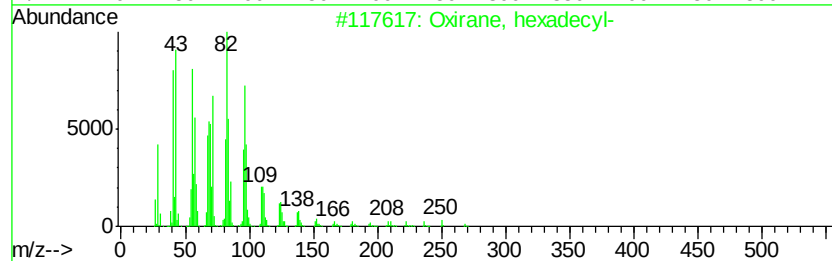
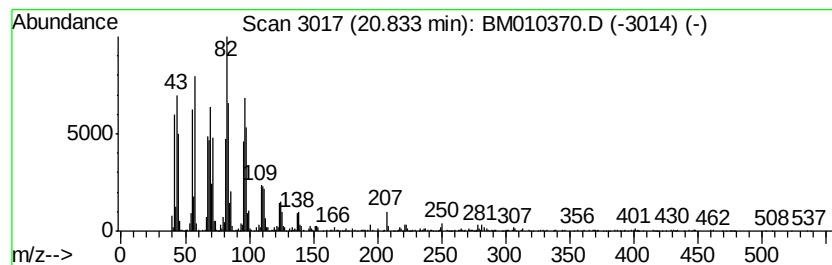
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Oxirane, hexadecyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	6.43 ng/ul	2296780	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	96
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	96
3		Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	93
4		Octadecanal	268	C18H36O	000638-66-4	93
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

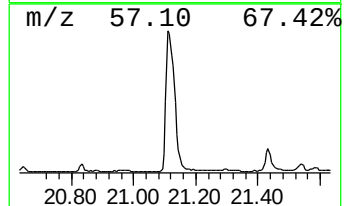
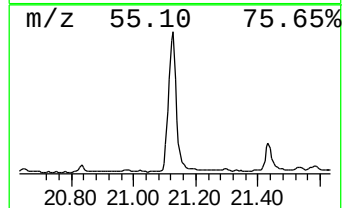
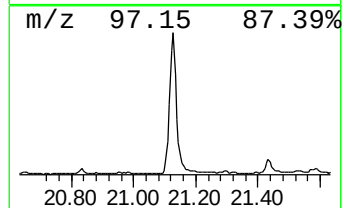
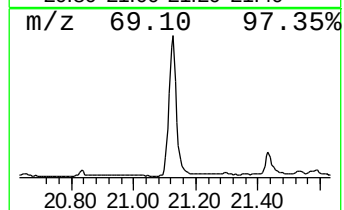
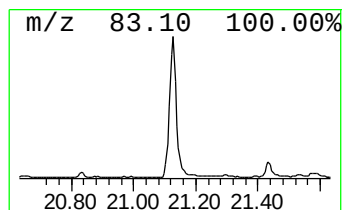
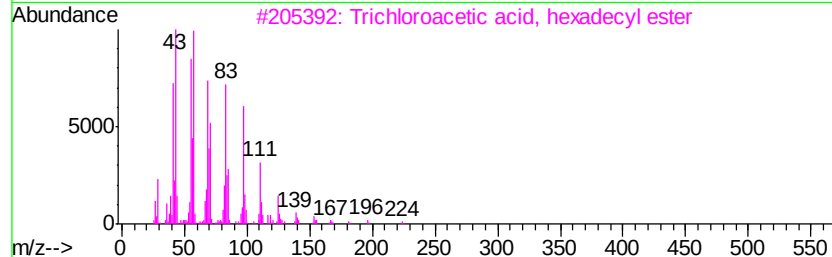
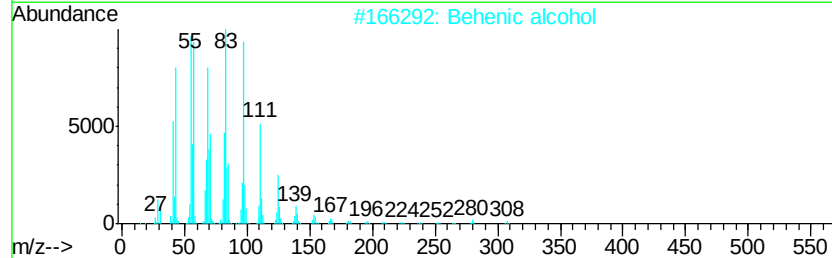
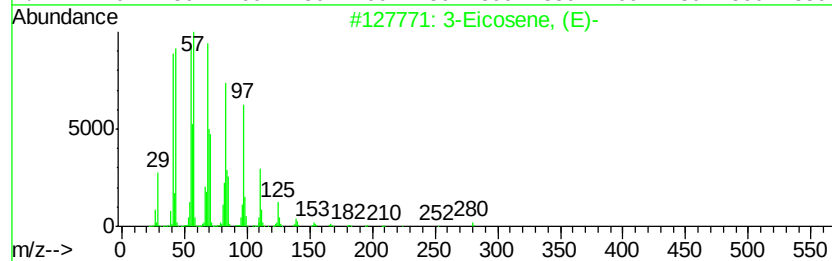
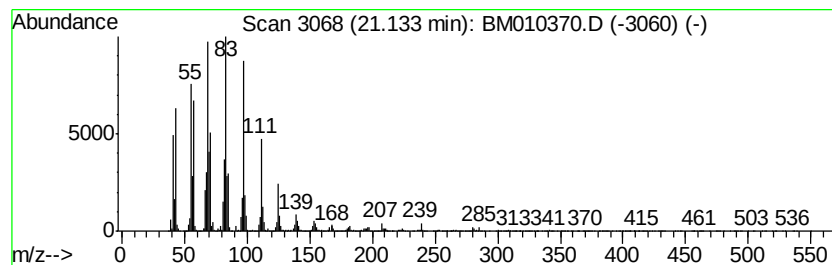
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic21.13 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.13	131.97 ng/ul	47163200	Chrysene-d12	21.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
2	Behenic alcohol	326	C22H46O	000661-19-8	89
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
4	Cyclotetracosane	336	C24H48	000297-03-0	81
5	1-Octadecene	252	C18H36	000112-88-9	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
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Sample : I3163-18
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ALS Vial : 24 Sample Multiplier: 1

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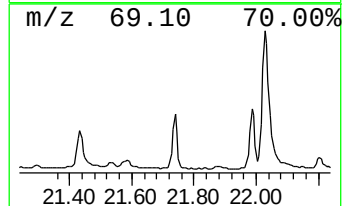
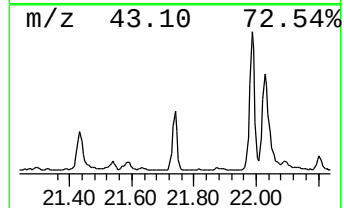
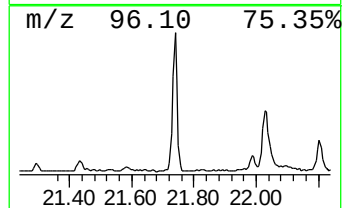
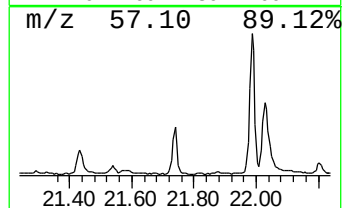
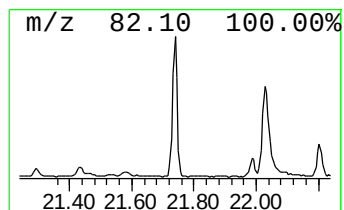
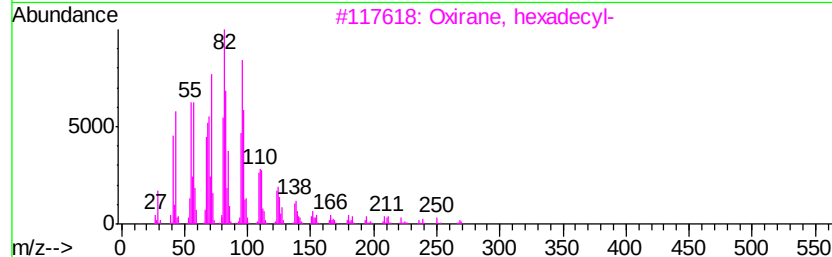
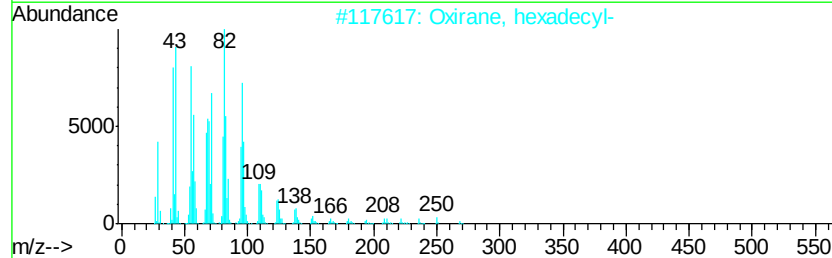
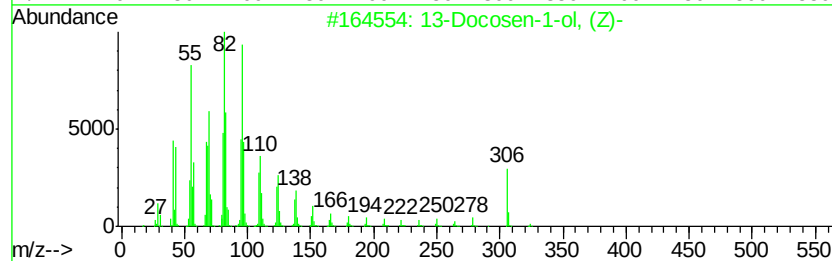
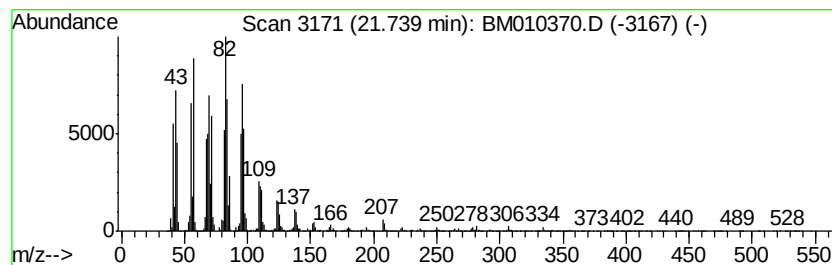
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 13-Docosen-1-ol, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	30.71 ng/ul	10975300	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	97
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	96
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
4		1,22-Docosanediol	342	C22H46O2	022513-81-1	95
5		Octadecanal	268	C18H36O	000638-66-4	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
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Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

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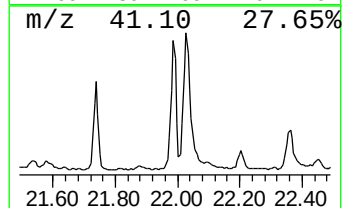
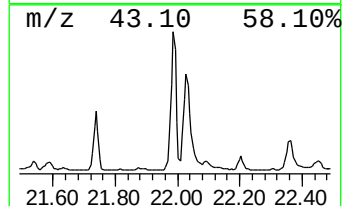
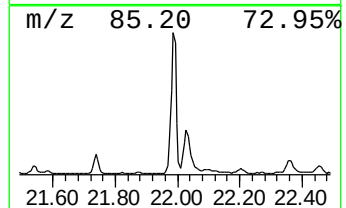
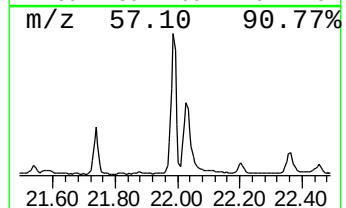
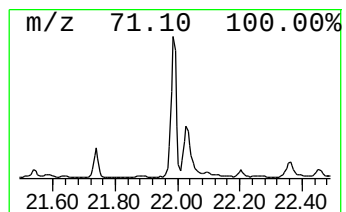
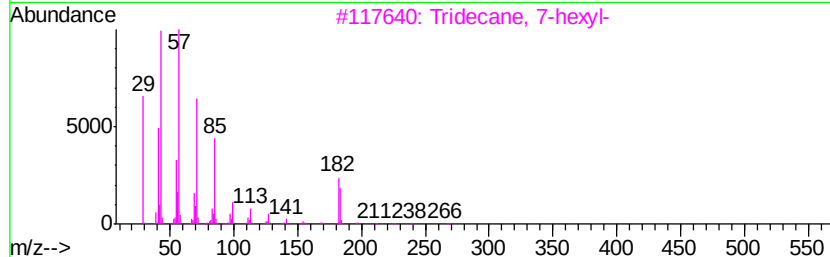
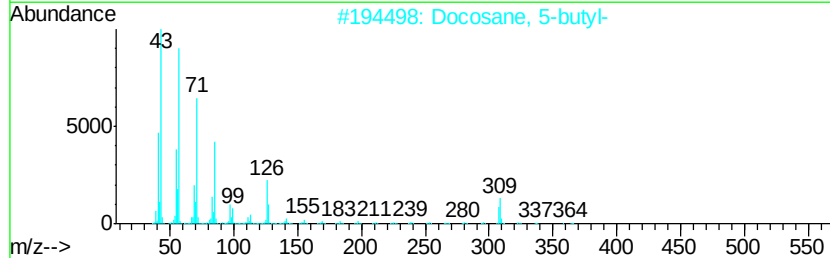
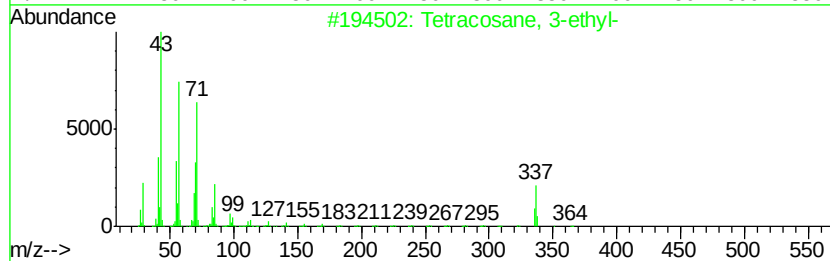
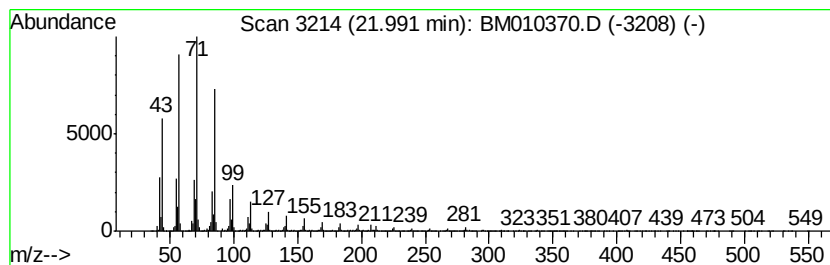
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	48.62 ng/ul	17374800	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 3-ethyl-	366	C26H54	055282-17-2	95
2		Docosane, 5-butyl-	366	C26H54	055282-16-1	91
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
4		Hexacosane	366	C26H54	000630-01-3	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
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Sample : I3163-18
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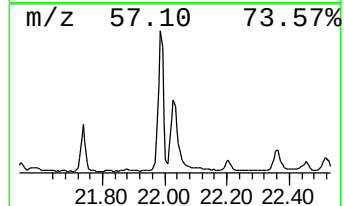
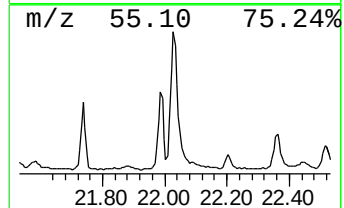
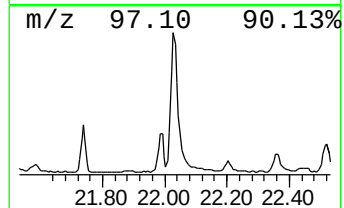
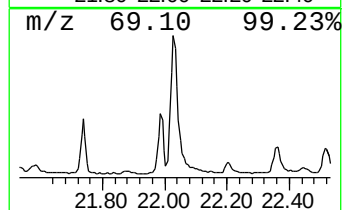
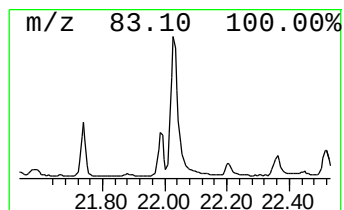
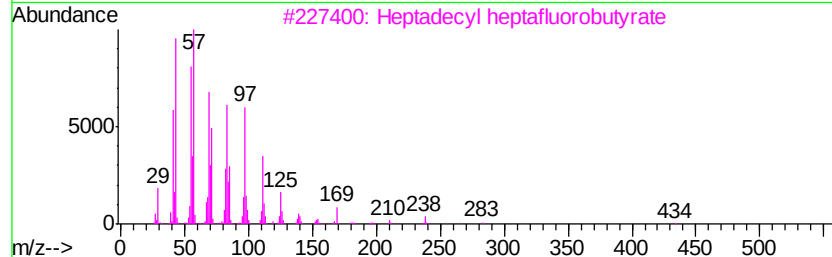
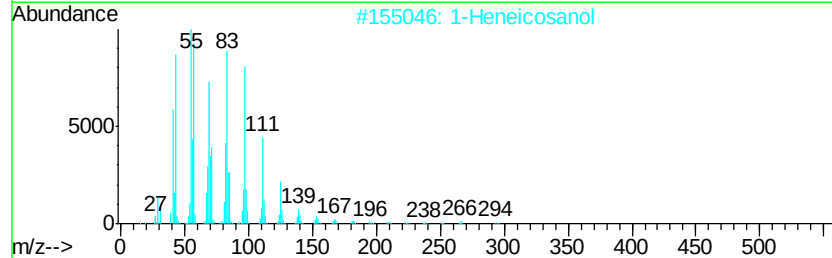
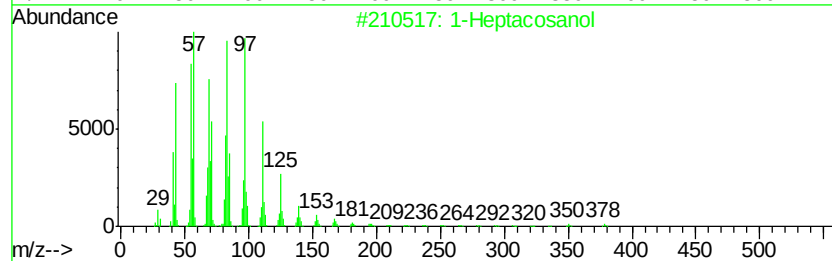
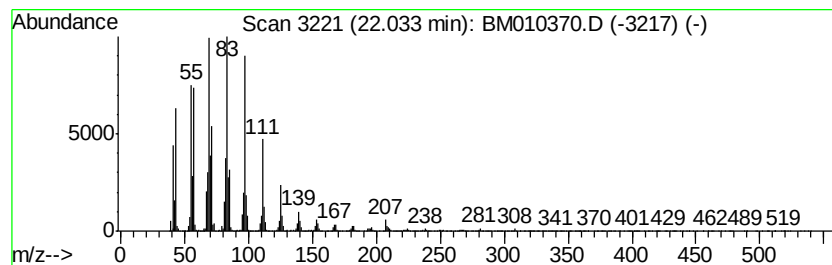
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1-Heptacosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	64.78 ng/ul	23150800	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	93
2		1-Heneicosanol	312	C21H44O	015594-90-8	81
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	81
5		Behenic alcohol	326	C22H46O	000661-19-8	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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Acq On : 01 Jun 2017 23:59
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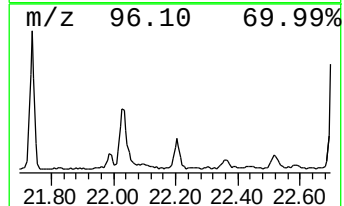
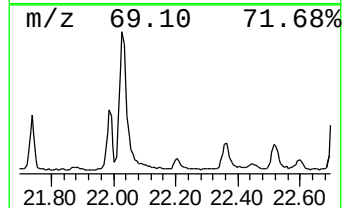
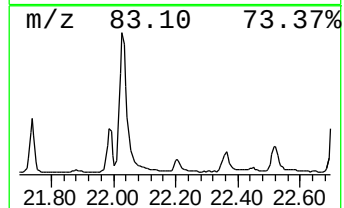
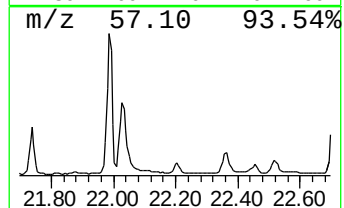
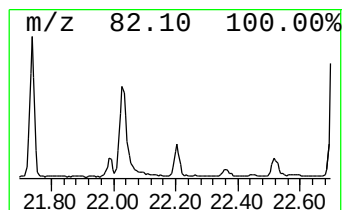
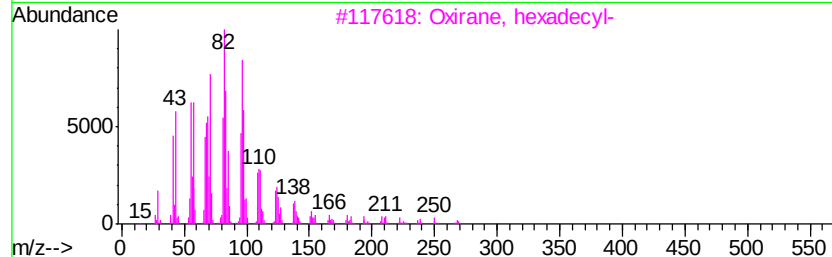
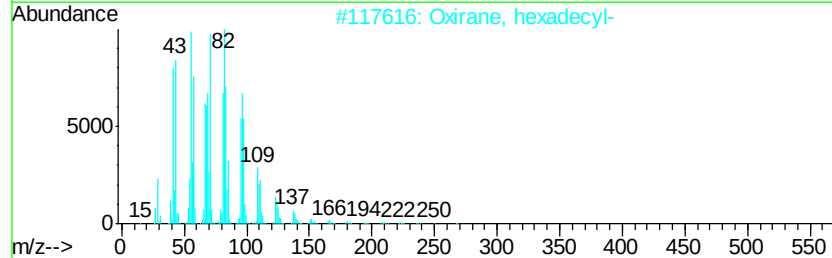
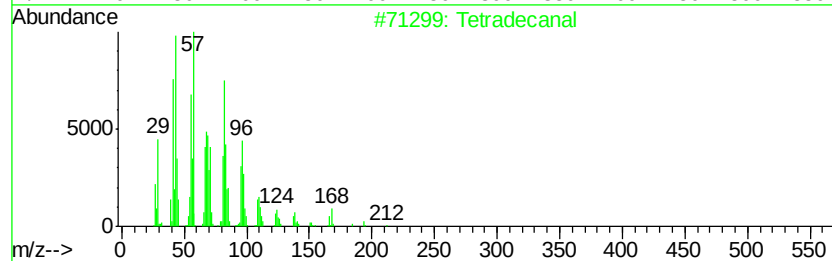
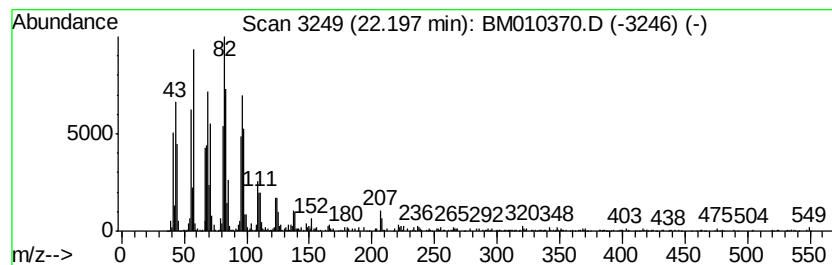
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TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetradecanal Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	7.67 ng/ul	2740870	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanal	212	C14H28O	000124-25-4	94
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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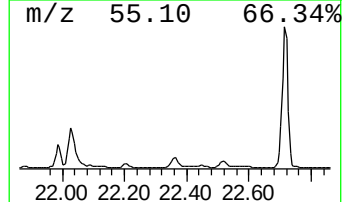
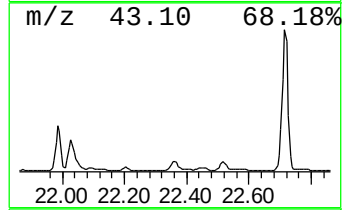
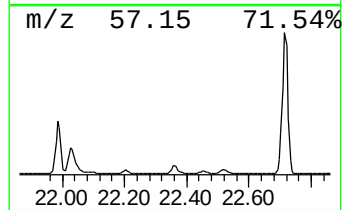
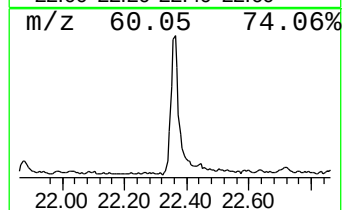
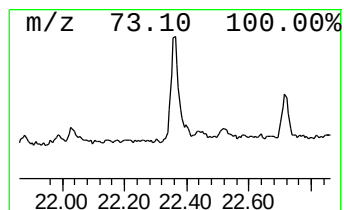
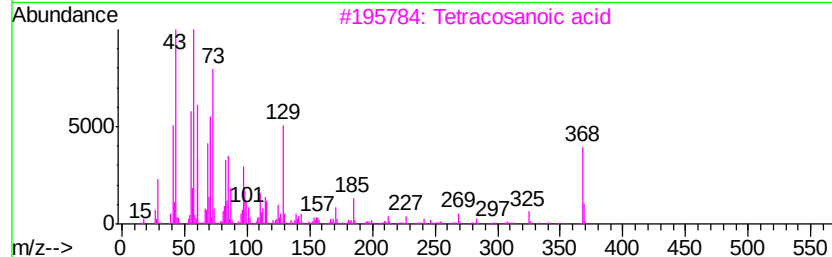
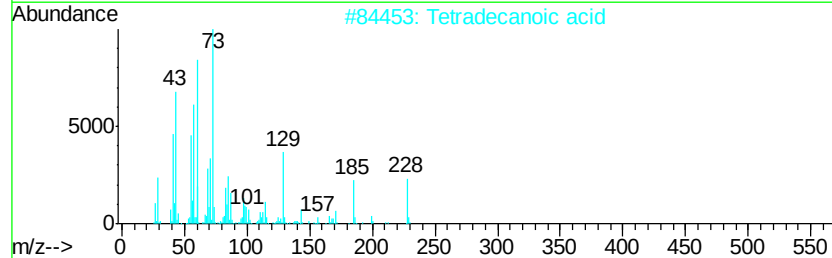
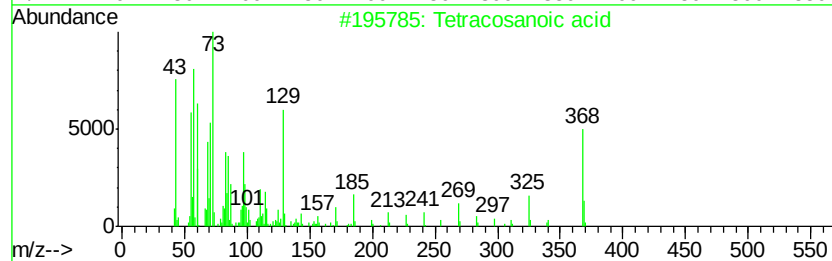
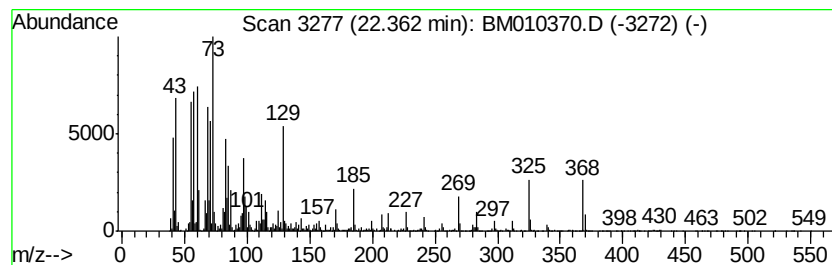
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Tetracosanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	27.06 ng/ul	9669860	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosanoic acid	368	C24H48O2	000557-59-5	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	78
3		Tetracosanoic acid	368	C24H48O2	000557-59-5	70
4		Octadecanoic acid	284	C18H36O2	000057-11-4	68
5		Tridecanoic acid	214	C13H26O2	000638-53-9	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
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Sample : I3163-18
Misc :
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Instrument :
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ClientSampleId :
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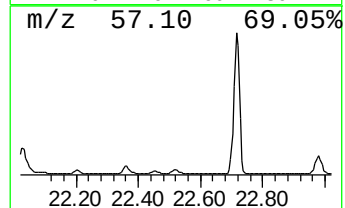
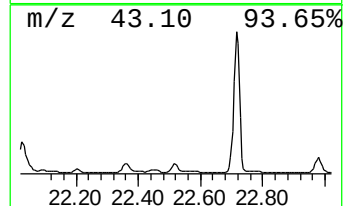
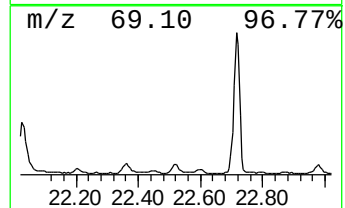
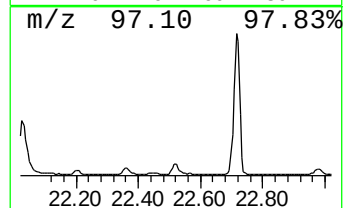
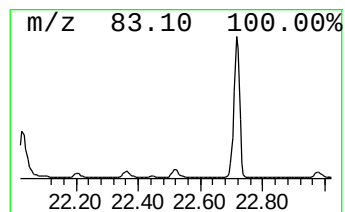
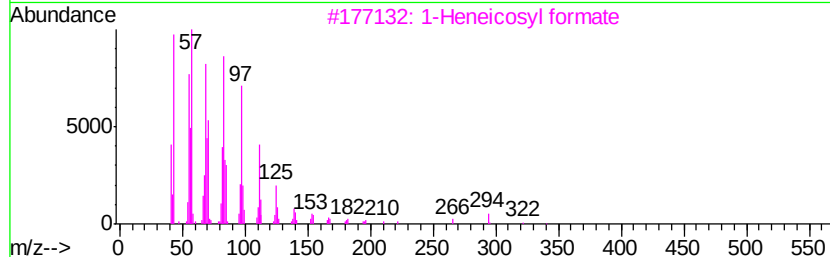
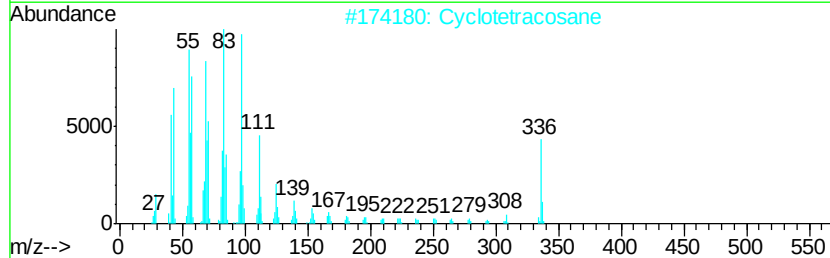
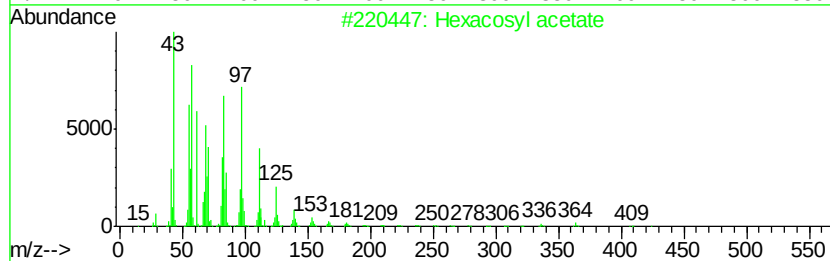
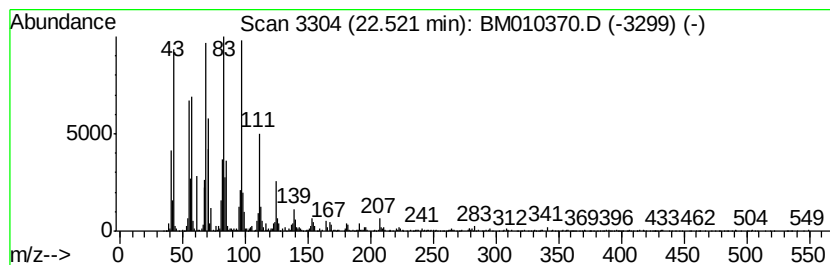
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Hexacosyl acetate Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	13.26 ng/ul	4738970	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosyl acetate	424	C28H56O2	000822-32-2	95
2		Cyclotetracosane	336	C24H48	000297-03-0	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4		Behenic alcohol	326	C22H46O	000661-19-8	90
5		Tetracosyl acetate	396	C26H52O2	1000351-78-1	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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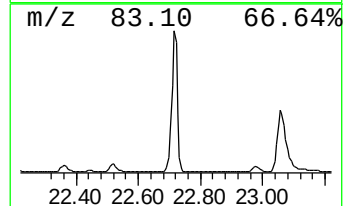
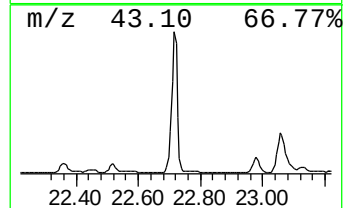
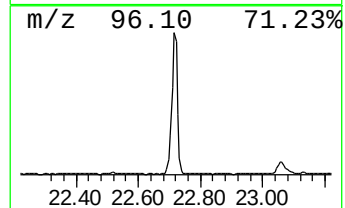
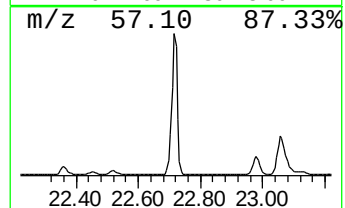
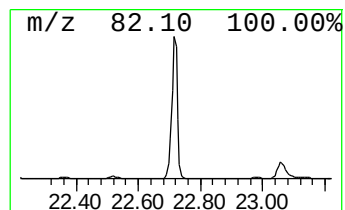
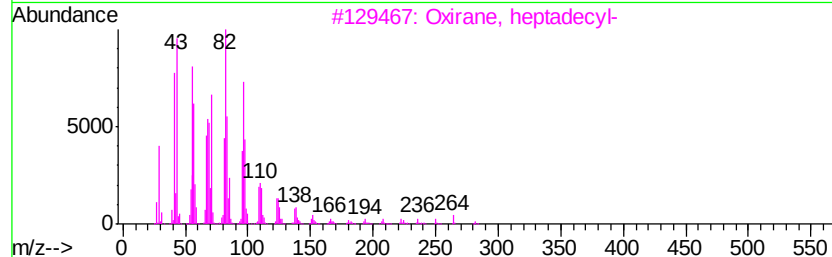
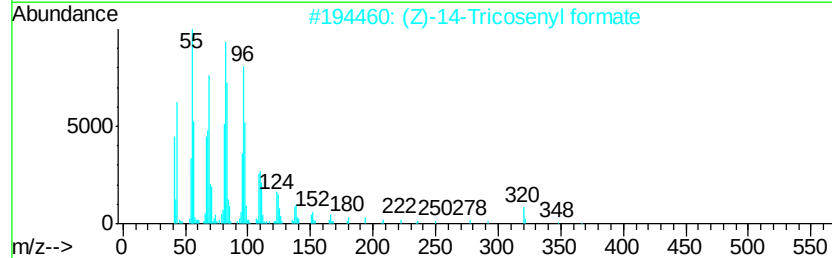
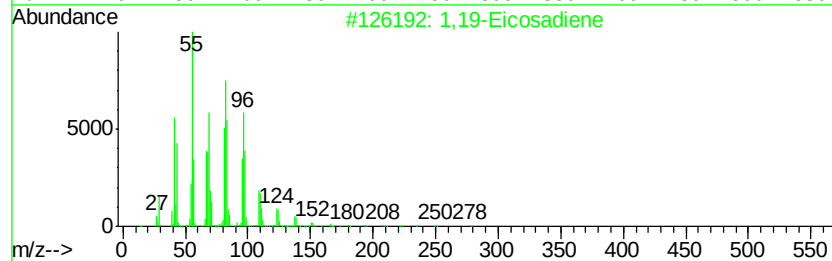
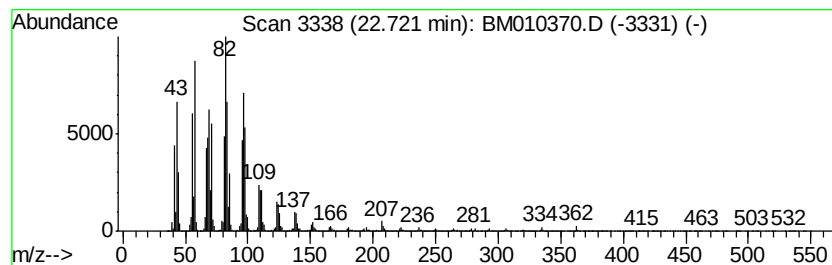
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,19-Eicosadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	268.65 ng/ul	92571800	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	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 : BM010370.D
Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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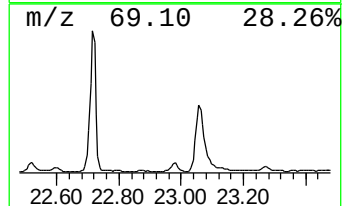
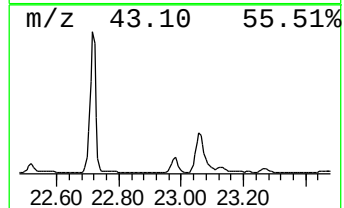
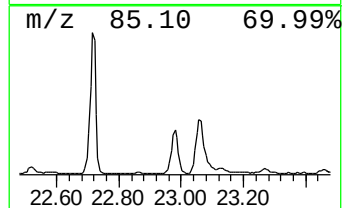
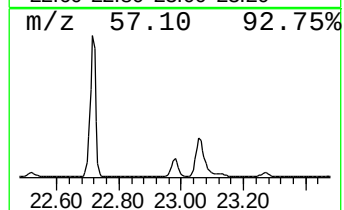
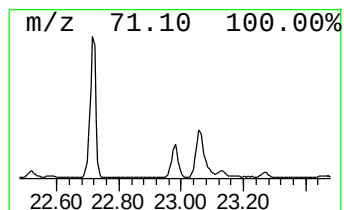
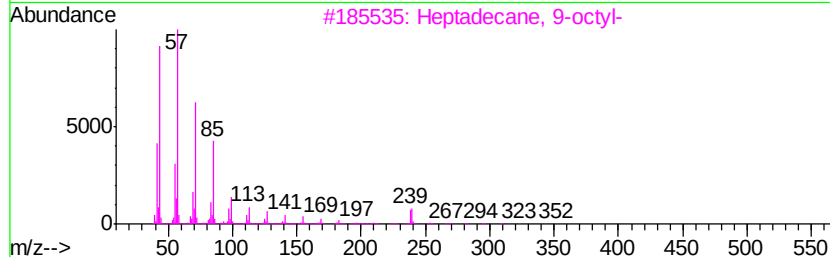
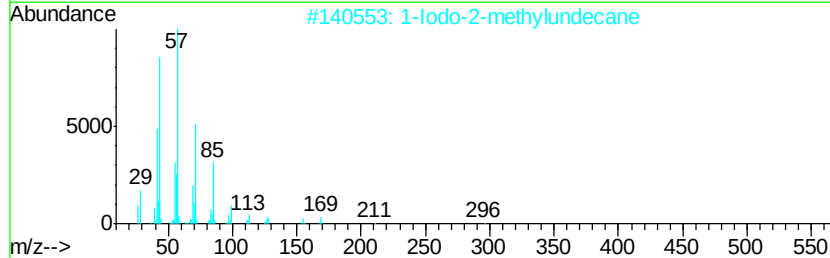
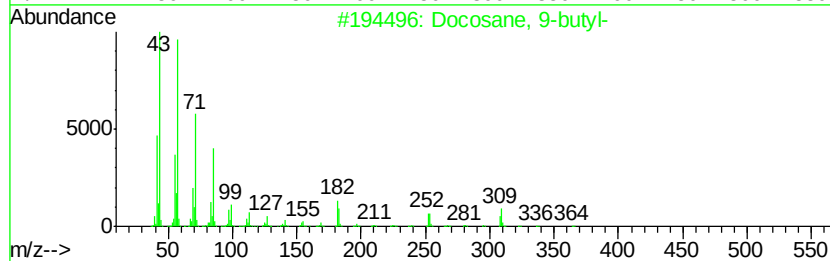
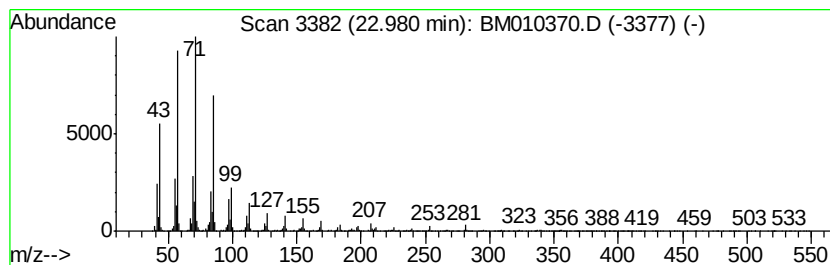
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	22.78 ng/ul	7847930	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
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Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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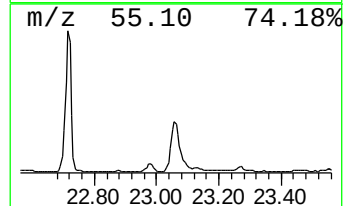
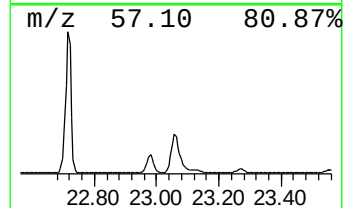
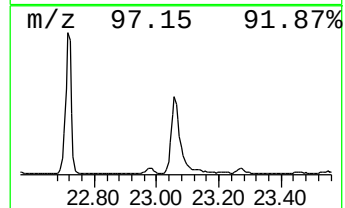
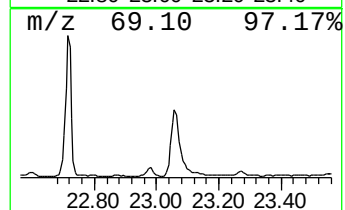
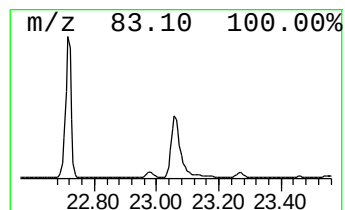
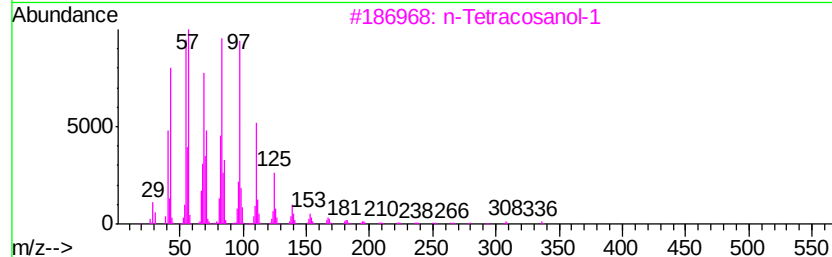
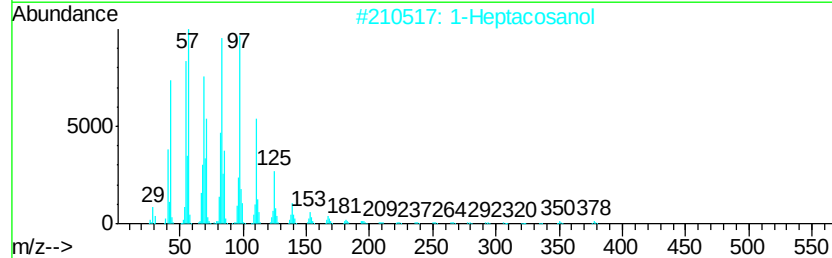
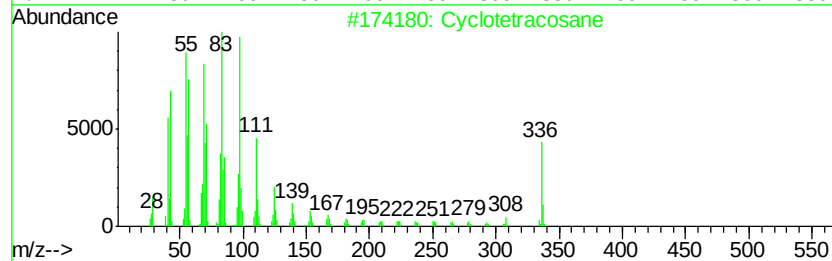
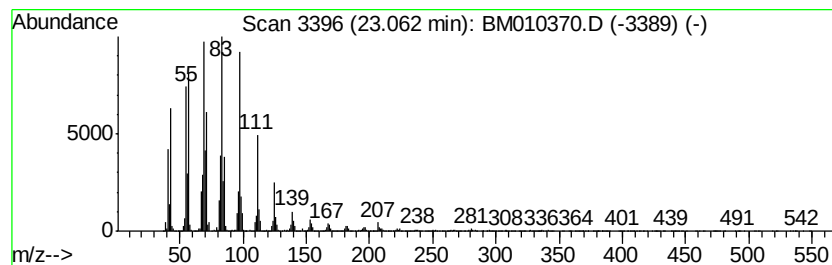
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Cyclic23.06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	118.06 ng/ul	40680500	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4		Behenic alcohol	326	C22H46O	000661-19-8	90
5		1-Heneicosanol	312	C21H44O	015594-90-8	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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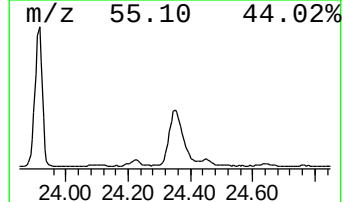
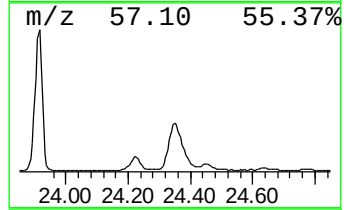
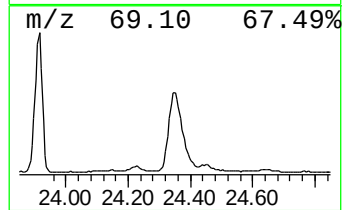
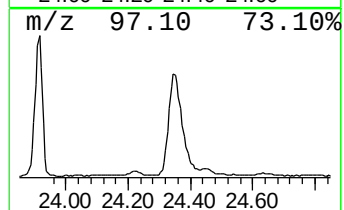
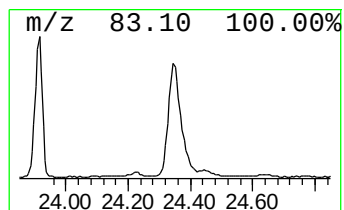
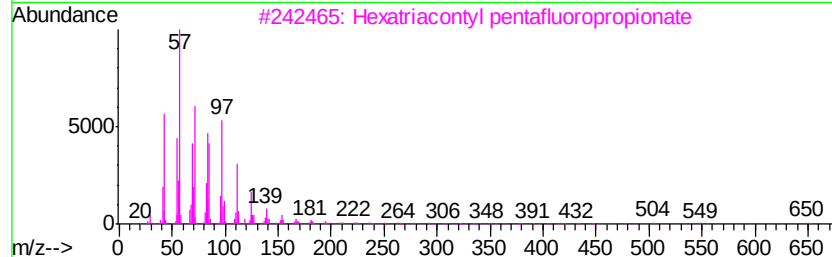
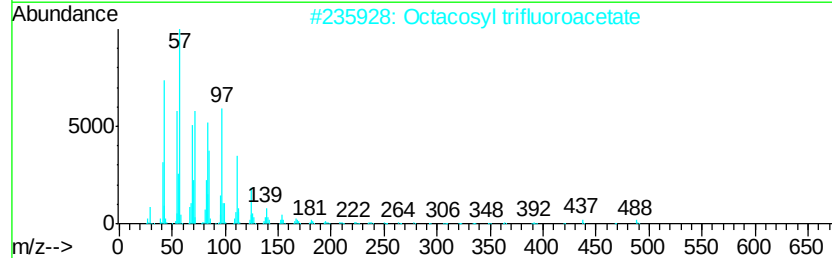
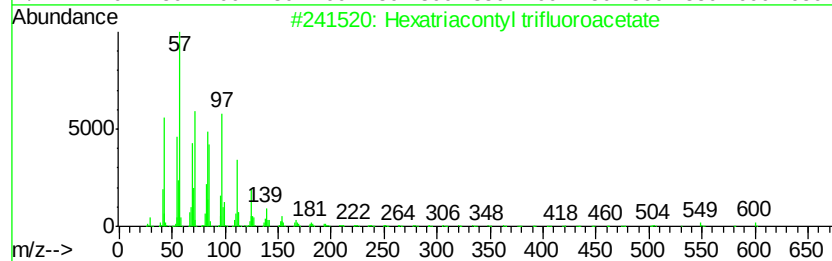
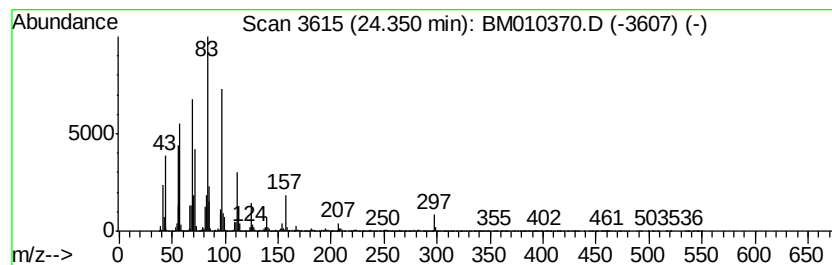
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.35	130.64 ng/ul	45015500	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	49
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	49
3		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	46
4		1-Hentetracontanol	593	C41H84O	040710-42-7	46
5		17-Pentatriacontene	491	C35H70	006971-40-0	41



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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Acq On : 01 Jun 2017 23:59
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Sample : I3163-18
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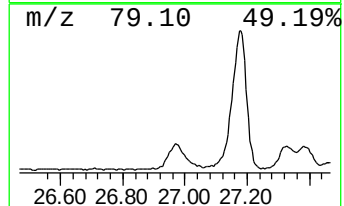
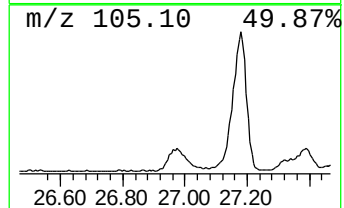
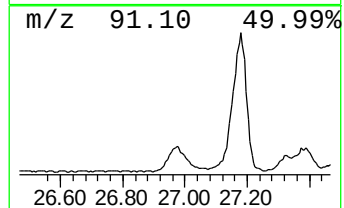
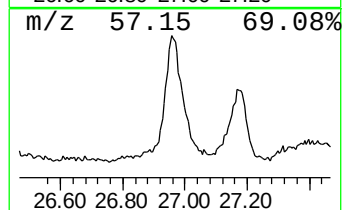
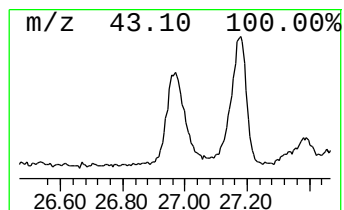
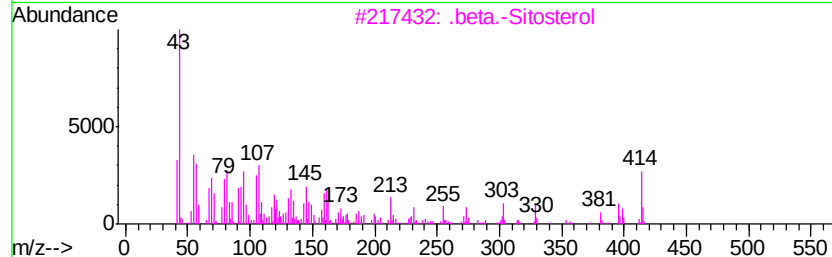
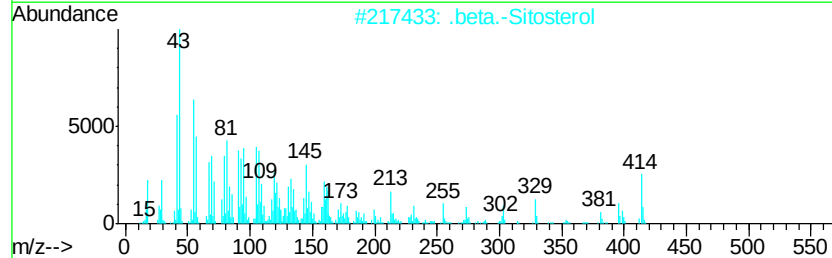
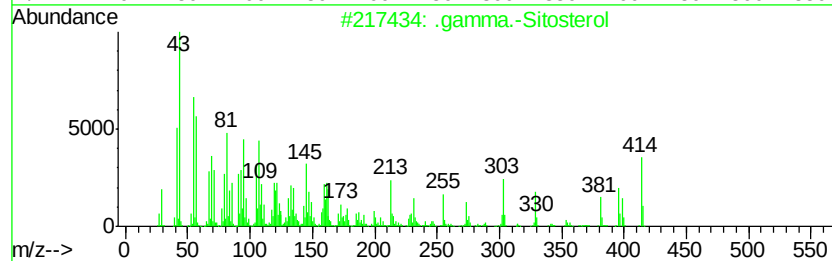
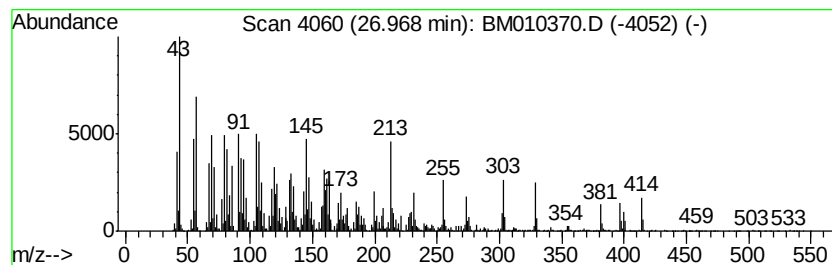
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 .gamma.-Sitosterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.97	51.16 ng/ul	17628600	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	87
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	64
4		Pregn-5-ene-3,12,14,17,20-pentol...	366	C21H34O5	028417-32-5	30
5		Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	27



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Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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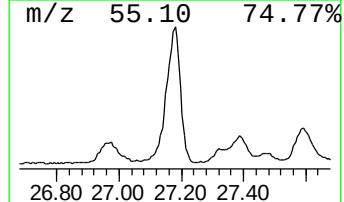
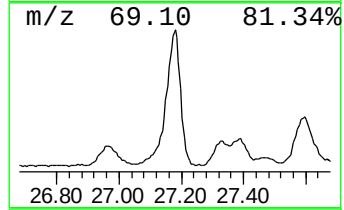
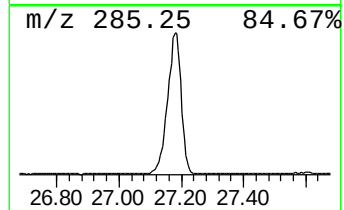
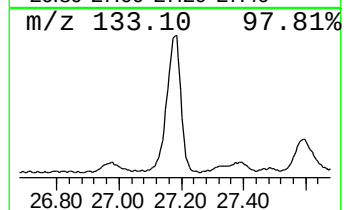
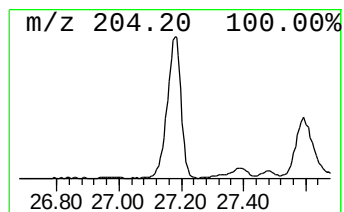
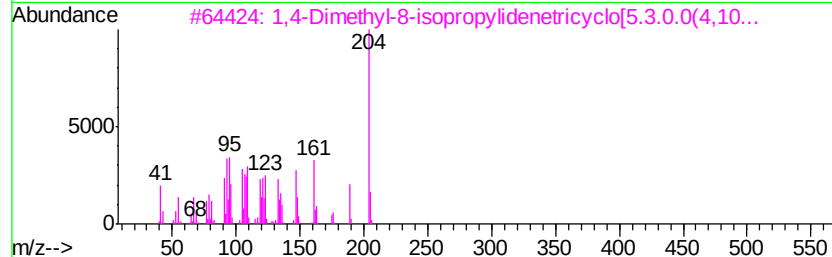
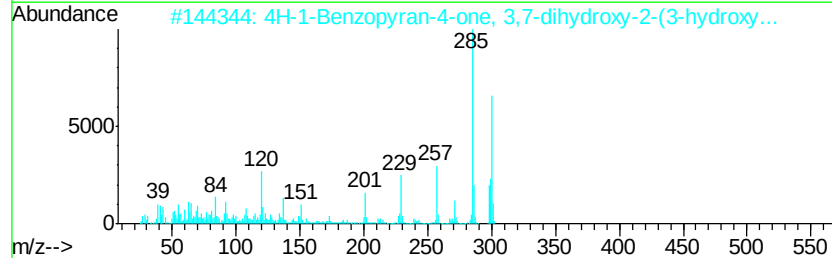
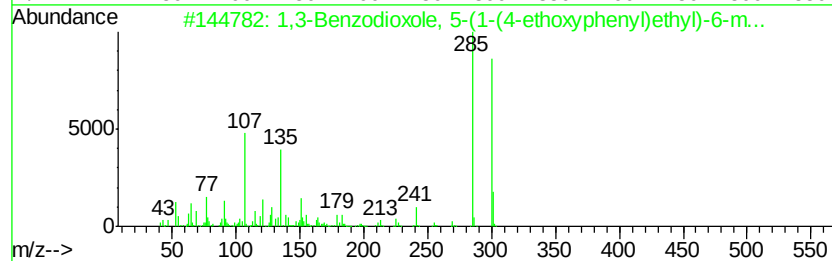
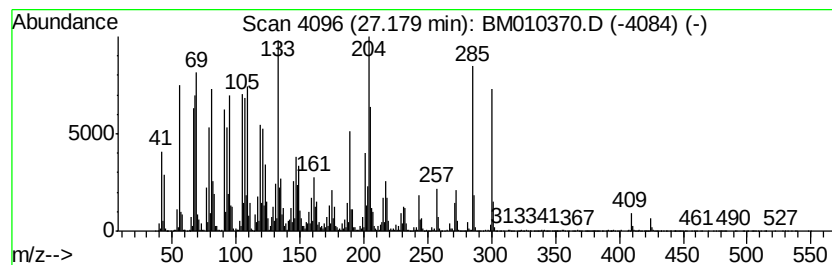
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,3-Benzodioxole, 5-(1-(4-e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.18	271.51 ng/ul	93556000	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzodioxole, 5-(1-(4-ethoxy...	300	C18H20O4	090632-70-5	60
2		4H-1-Benzopyran-4-one, 3,7-dihyd...	300	C16H12O6	057396-72-2	47
3		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	42
4		.alpha.-Guaiene	204	C15H24	003691-12-1	42
5		Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
Misc :
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ClientSampleId :
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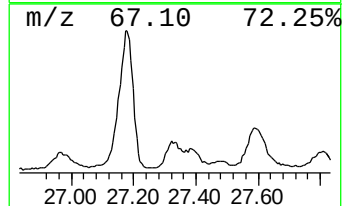
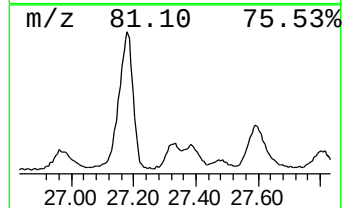
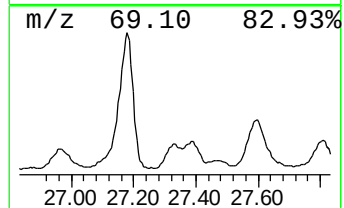
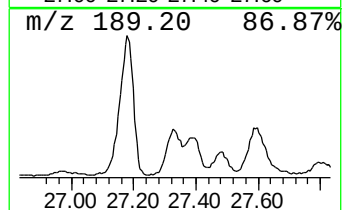
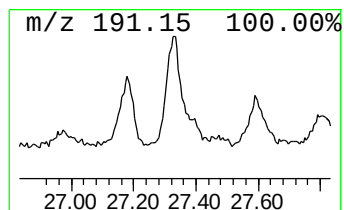
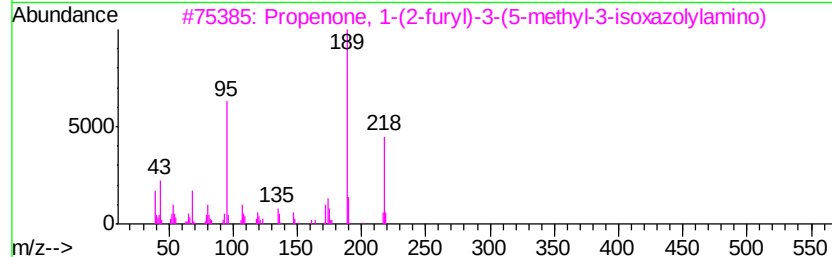
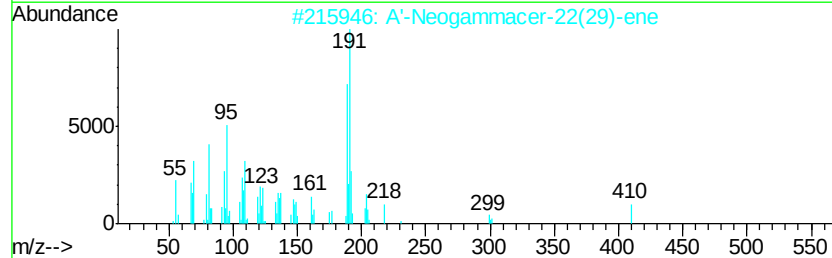
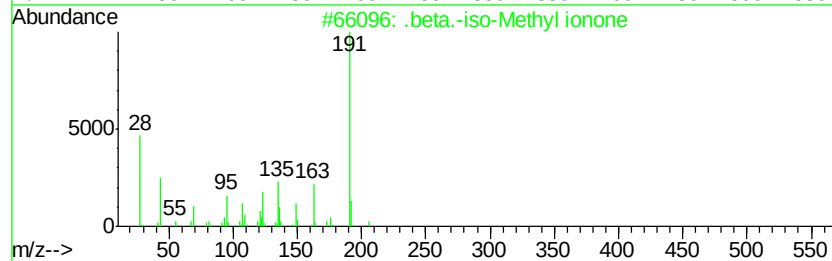
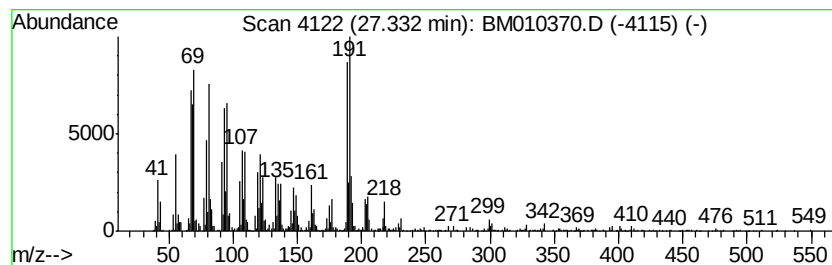
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 .beta.-iso-Methyl ionone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.33	19.49 ng/ul	6715780	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	91
2		A'-Neogammacer-22(29)-ene	410	C30H50	001615-91-4	68
3		Propenone, 1-(2-furyl)-3-(5-meth...	218	C11H10N2O3	186957-33-5	38
4		Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21N02	036646-87-4	38
5		(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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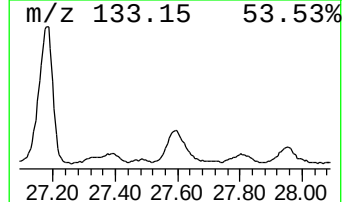
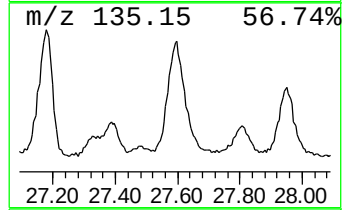
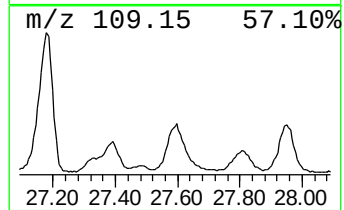
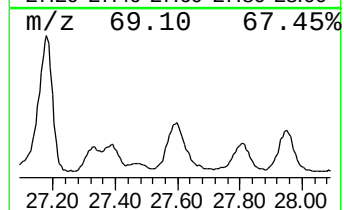
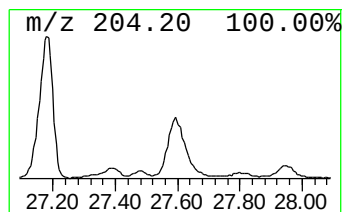
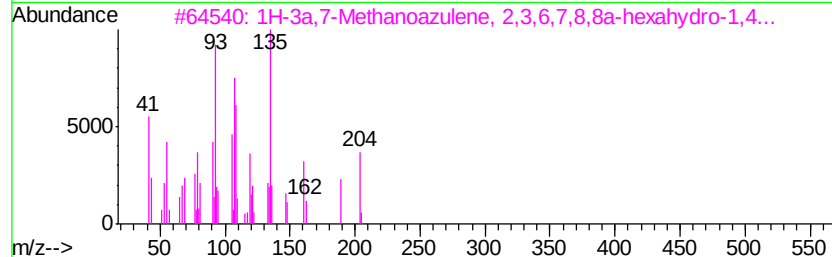
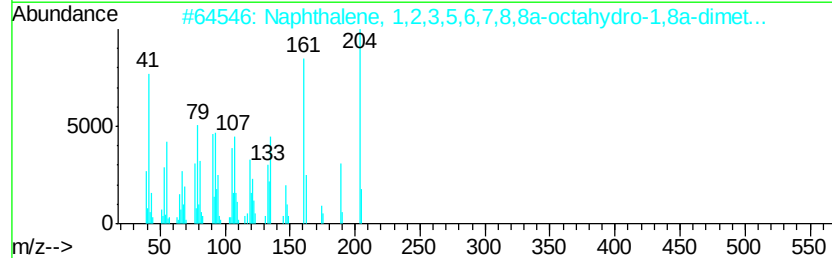
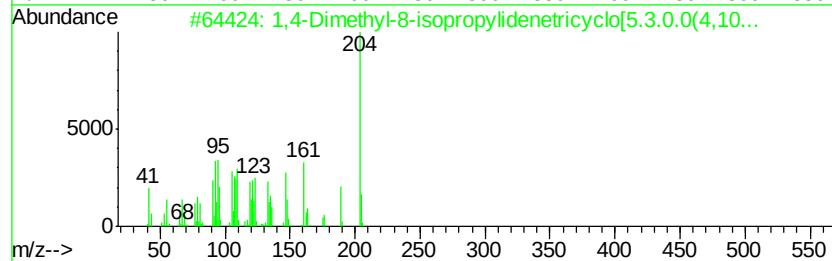
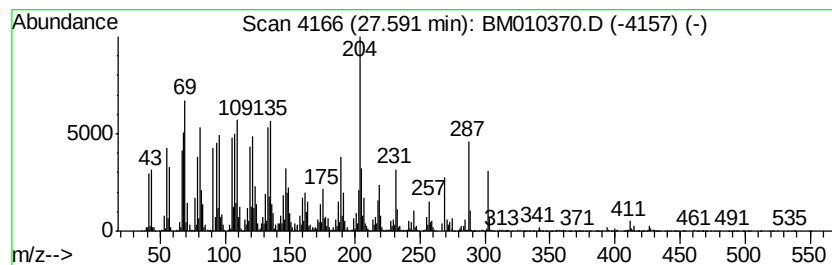
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,4-Dimethyl-8-isopropylide... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.59	112.95 ng/ul	38919200	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	58
2		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	45
3		1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	43
4		1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	41
5		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	41



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampled :
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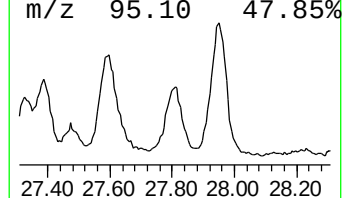
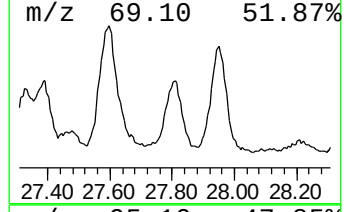
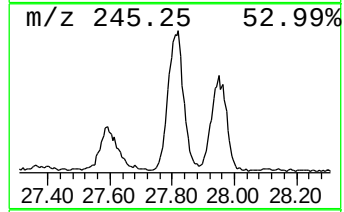
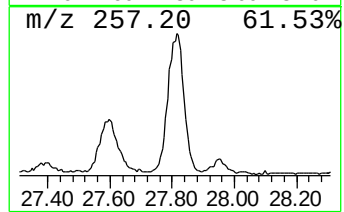
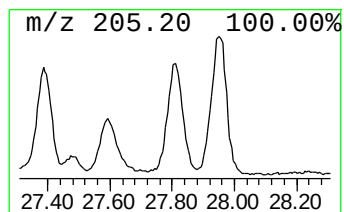
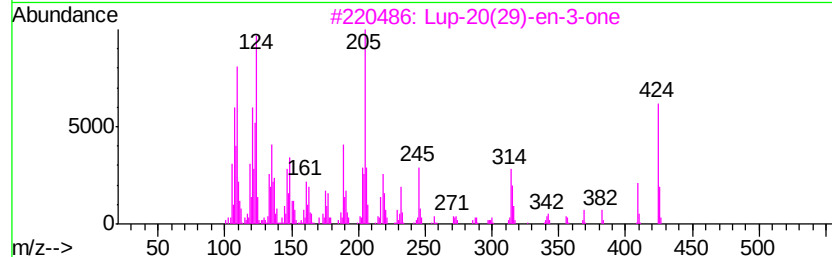
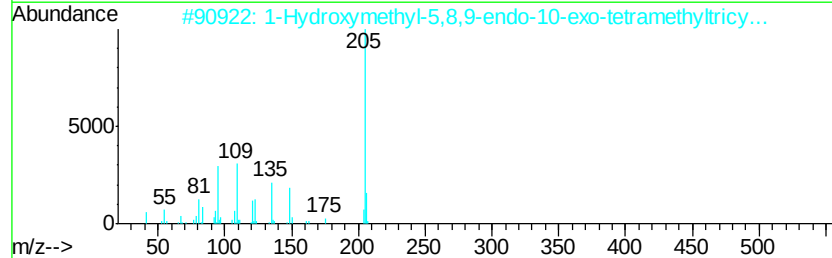
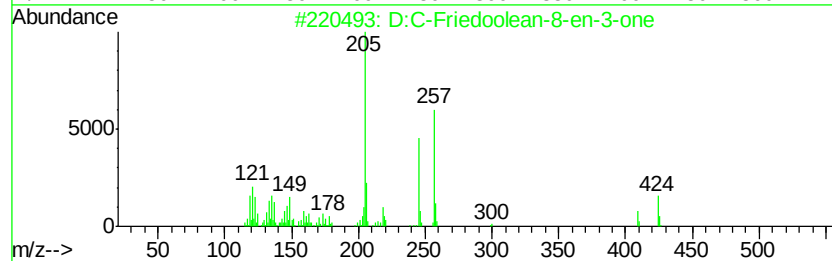
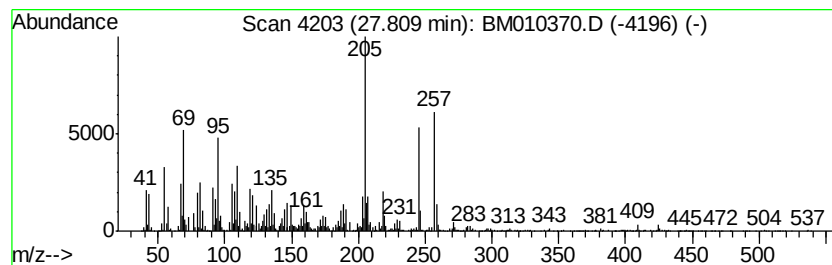
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 D:C-Friedoolean-8-en-3-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.81	39.71 ng/ul	13683800	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	64
2		1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	35
3		Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	25
4		Sesquirosefuran	218	C15H22O	039007-93-7	25
5		3-(3-Imino-1-pyrazolidinyl)benzo...	205	C10H11N3O2	083671-99-2	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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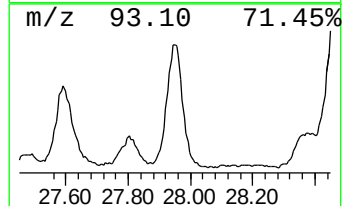
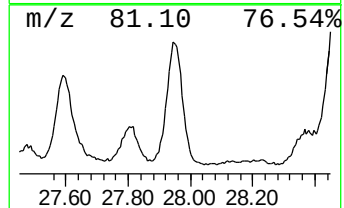
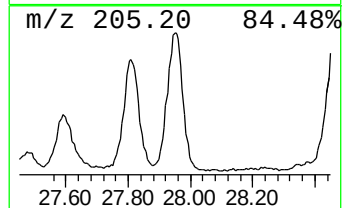
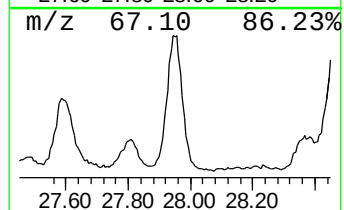
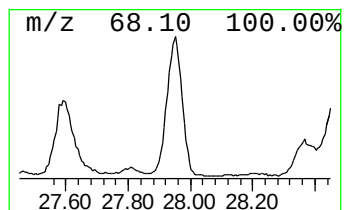
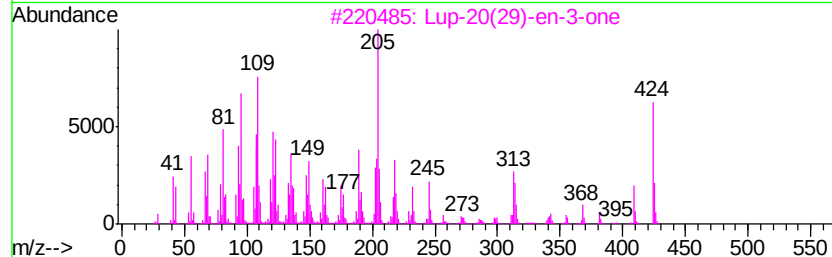
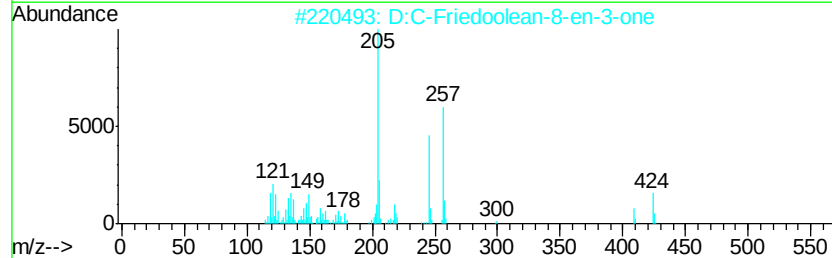
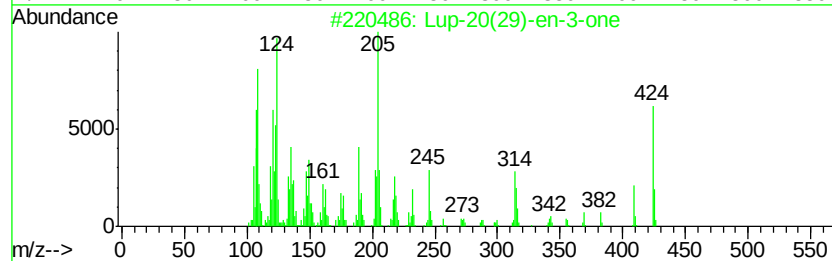
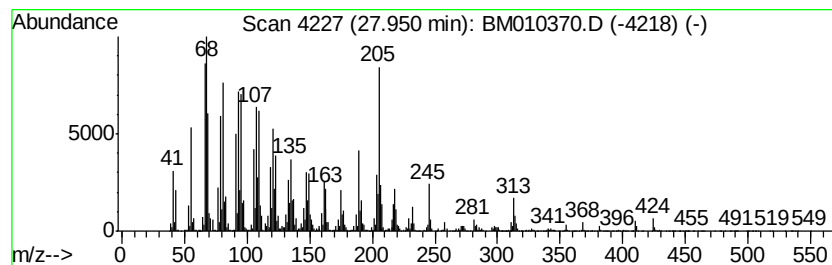
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Lup-20(29)-en-3-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.95	100.10 ng/ul	34493400	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	91
2		D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	81
3		Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	49
4		6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	44
5		1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	44



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
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Sample : I3163-18
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ALS Vial : 24 Sample Multiplier: 1

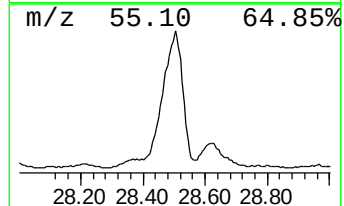
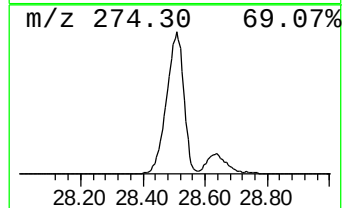
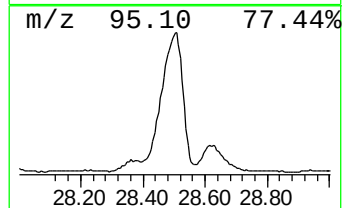
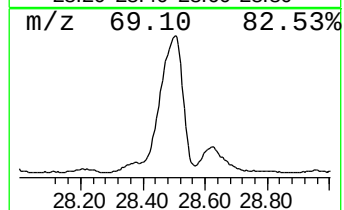
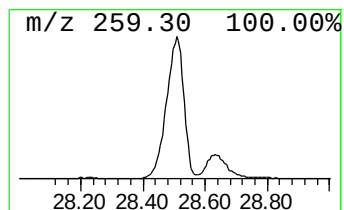
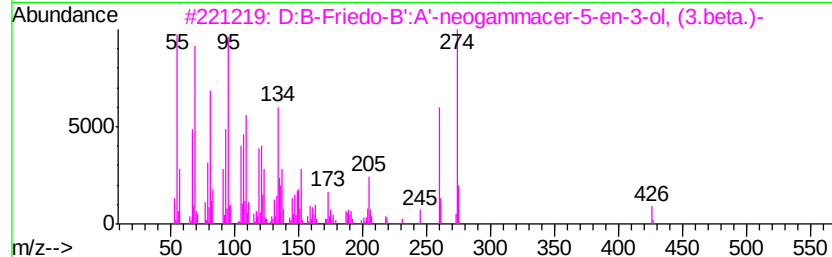
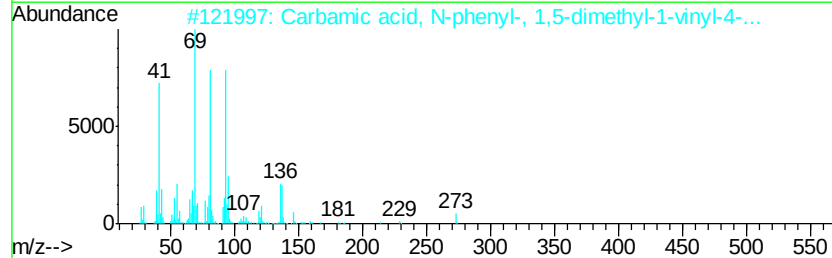
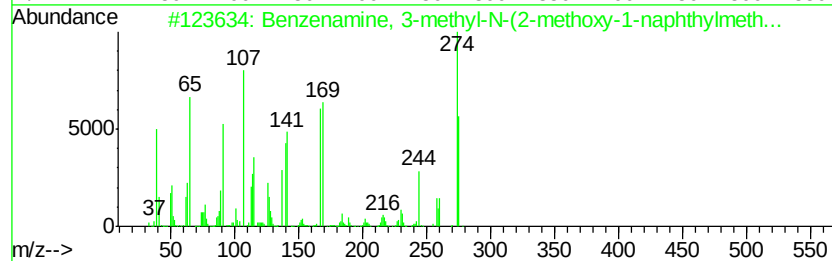
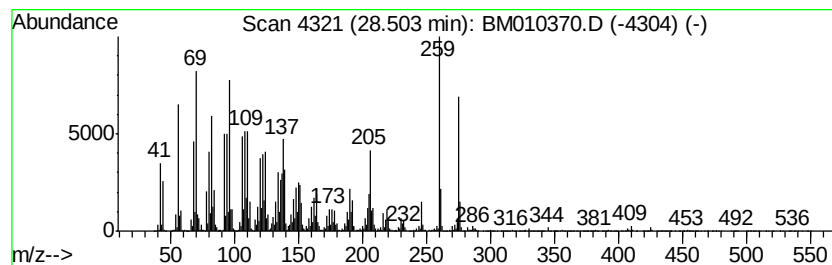
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Benzenamine, 3-methyl-N-(2-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
28.50	402.25 ng/ul	138608000	Perylene-d12	23.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-N-(2-metho...	275	C19H17NO	303758-63-6	56	
2	Carbamic acid, N-phenyl-, 1,5-di...	273	C17H23NO2	118723-77-6	53	
3	D:B-Friedo-B':A'-neogammacer-5-e...	426	C30H50O	001615-94-7	53	
4	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	45	
5	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	44	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010370.D
Acq On : 01 Jun 2017 23:59
Operator : SJ/MA
Sample : I3163-18
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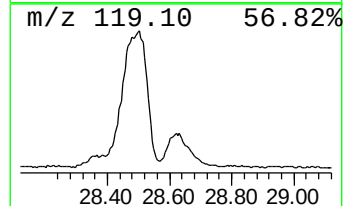
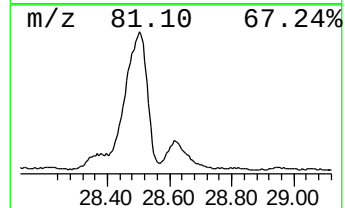
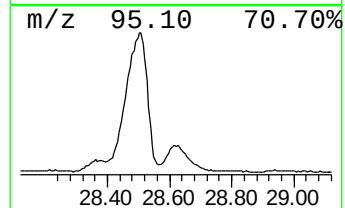
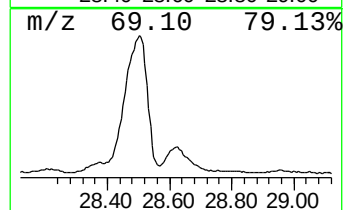
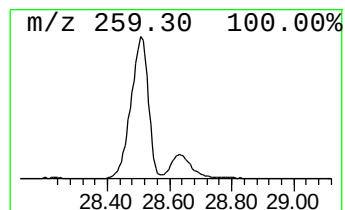
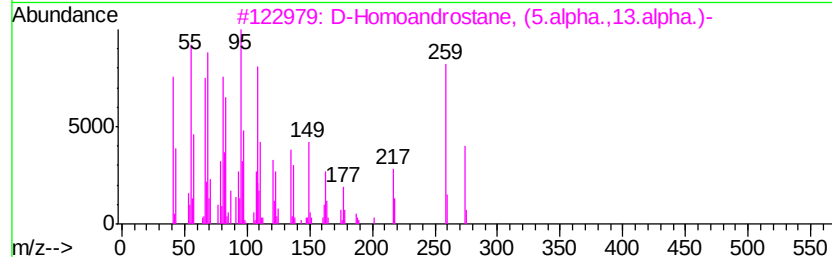
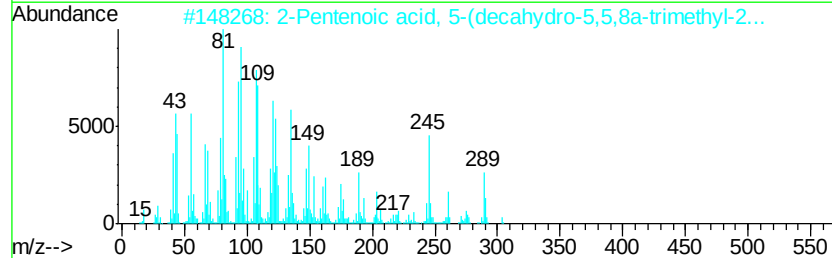
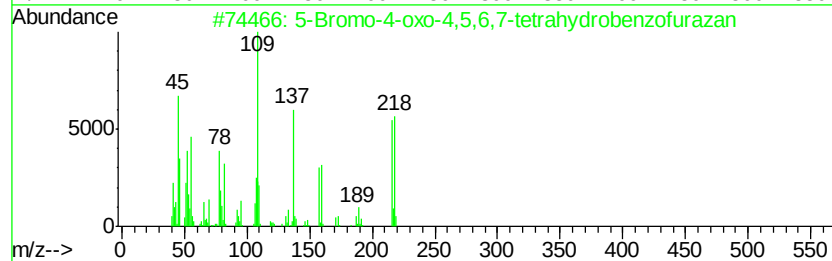
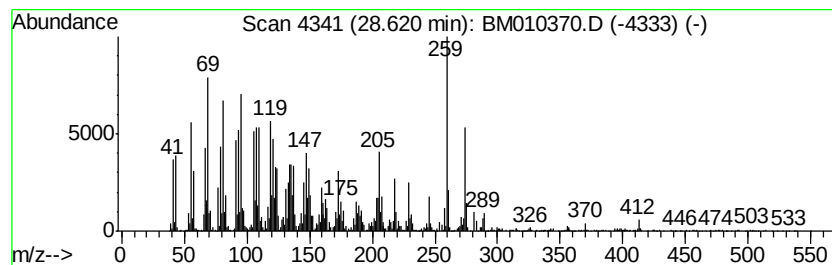
Instrument :
BNA_M
ClientSampleId :
JHSG8

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 29 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
28.62	81.69 ng/ul	28149500	Perylene-d12	23.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	91
2	2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	58
3	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	58
4	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	47
5	Androstan-17-one, (5.alpha.)-	274	C19H30O	000963-74-6	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
 Data File : BM010370.D
 Acq On : 01 Jun 2017 23:59
 Operator : SJ/MA
 Sample : I3163-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSG8

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
Tridecanoic acid	18.15	15.2	ng/ul	3429110	4	17.30	4524060	20.0
photocitral B	18.46	10.0	ng/ul	2261270	4	17.30	4524060	20.0
Octadecanoic acid	19.42	4.3	ng/ul	1532420	5	21.46	7147760	20.0
(DEL) Alkane: Cyc...	20.15	17.5	ng/ul	6252870	5	21.46	7147760	20.0
Eicosanoic acid	20.50	12.7	ng/ul	4531120	5	21.46	7147760	20.0
(DEL) Alkane: Str...	20.64	4.4	ng/ul	1558770	5	21.46	7147760	20.0
Oxirane, hexadecyl-	20.83	6.4	ng/ul	2296780	5	21.46	7147760	20.0
(DEL) Alkane: Cyc...	21.13	132.0	ng/ul	47163200	5	21.46	7147760	20.0
13-Docosen-1-ol, ...	21.74	30.7	ng/ul	10975300	5	21.46	7147760	20.0
(DEL) Alkane: Str...	21.99	48.6	ng/ul	17374800	5	21.46	7147760	20.0
1-Heptacosanol	22.03	64.8	ng/ul	23150800	5	21.46	7147760	20.0
Tetradecanal	22.20	7.7	ng/ul	2740870	5	21.46	7147760	20.0
Tetracosanoic acid	22.36	27.1	ng/ul	9669860	5	21.46	7147760	20.0
Hexacosyl acetate	22.52	13.3	ng/ul	4738970	5	21.46	7147760	20.0
1,19-Eicosadiene	22.72	268.6	ng/ul	92571800	6	23.81	6891580	20.0
(DEL) Alkane: Str...	22.98	22.8	ng/ul	7847930	6	23.81	6891580	20.0
(DEL) Alkane: Cyc...	23.06	118.1	ng/ul	40680500	6	23.81	6891580	20.0
unknown-01	24.35	130.6	ng/ul	45015500	6	23.81	6891580	20.0
.gamma.-Sitosterol	26.97	51.2	ng/ul	17628600	6	23.81	6891580	20.0
1,3-Benzodioxole, ...	27.18	271.5	ng/ul	93556000	6	23.81	6891580	20.0
.beta.-iso-Methyl...	27.33	19.5	ng/ul	6715780	6	23.81	6891580	20.0
1,4-Dimethyl-8-is...	27.59	113.0	ng/ul	38919200	6	23.81	6891580	20.0
D:C-Friedoolean-8...	27.81	39.7	ng/ul	13683800	6	23.81	6891580	20.0
Lup-20(29)-en-3-one	27.95	100.1	ng/ul	34493400	6	23.81	6891580	20.0
Benzenamine, 3-me...	28.50	402.3	ng/ul	138608000	6	23.81	6891580	20.0
5-Bromo-4-oxo-4,5...	28.62	81.7	ng/ul	28149500	6	23.81	6891580	20.0