

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
 Data File : BM010371.D
 Acq On : 02 Jun 2017 00:35
 Operator : SJ/MA
 Sample : I3163-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSG9

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	7.105	675	683	693	rBV	806386	1379225	2.75%	0.470%
2	7.258	703	709	717	rBV	577456	906146	1.81%	0.309%
3	7.457	735	743	752	rBV	965280	1526916	3.05%	0.520%
4	7.916	812	821	833	rBV	1524122	2434011	4.86%	0.830%
5	8.646	938	945	954	rBV	1000659	1630742	3.26%	0.556%
6	9.104	1016	1023	1031	rBV	807929	1340718	2.68%	0.457%
7	9.816	1137	1144	1152	rBV2	753378	1229687	2.46%	0.419%
8	10.351	1228	1235	1246	rBV	1106655	1975650	3.94%	0.673%
9	10.722	1290	1298	1306	rBV	1781881	3022758	6.04%	1.030%
10	13.969	1842	1850	1854	rBV	2052106	2884241	5.76%	0.983%
11	14.016	1854	1858	1864	rVB	598109	841734	1.68%	0.287%
12	14.251	1890	1898	1905	rBV	2093801	3126974	6.24%	1.066%
13	14.557	1942	1950	1958	rBV2	2503887	3933641	7.85%	1.341%
14	14.798	1983	1991	2002	rBV	397425	758698	1.51%	0.259%
15	15.545	2111	2118	2125	rBV	2813705	3905077	7.80%	1.331%
16	15.669	2133	2139	2145	rBV	781251	1069310	2.13%	0.364%
17	17.298	2410	2416	2424	rBV	3427111	4837202	9.66%	1.649%
18	17.398	2427	2433	2440	rVV2	2921762	4079723	8.15%	1.391%
19	18.145	2556	2560	2568	rBV	824627	1263693	2.52%	0.431%
20	19.416	2773	2776	2780	rBV2	576775	758395	1.51%	0.259%
21	19.686	2817	2822	2829	rVB	3975766	5312305	10.61%	1.811%
22	20.151	2896	2901	2908	rBV	1731507	2494519	4.98%	0.850%
23	20.492	2956	2959	2967	rBV4	717853	1115506	2.23%	0.380%
24	20.645	2983	2985	2994	rVB3	445938	575950	1.15%	0.196%
25	20.833	3013	3017	3020	rBV2	945326	1196069	2.39%	0.408%
26	21.121	3060	3066	3076	rBV2	7635051	16127839	32.20%	5.497%
27	21.427	3114	3118	3121	rBV	2044685	2819273	5.63%	0.961%
28	21.462	3121	3124	3131	rVB	5687339	7295468	14.57%	2.487%
29	21.739	3167	3171	3177	rVB	3105604	3672140	7.33%	1.252%
30	21.986	3208	3213	3216	rBV	6358604	7540428	15.05%	2.570%
31	22.027	3216	3220	3236	rVB	5834676	10847150	21.66%	3.697%
32	22.351	3272	3275	3283	rVB6	868261	1459490	2.91%	0.497%
33	22.515	3300	3303	3311	rBV5	706596	1190078	2.38%	0.406%
34	22.709	3331	3336	3341	rBV	8200502	11191910	22.34%	3.815%

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Integration Parameters: LSCINT.P

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35	22.974	3377	3381	3387	rVB	2792170	4121695	8.23%	1.405%
36	23.056	3389	3395	3404	rBV	5429702	12615540	25.19%	4.300%
37	23.662	3492	3498	3506	rVB2	3456142	7069091	14.11%	2.410%
38	23.809	3518	3523	3532	rVB	3528532	6947443	13.87%	2.368%
39	23.903	3534	3539	3547	rVB2	2156089	3666404	7.32%	1.250%
40	24.221	3589	3593	3601	rVB2	1158347	2007643	4.01%	0.684%
41	24.345	3608	3614	3630	rVB4	2135909	7334172	14.64%	2.500%
42	26.956	4050	4058	4071	rVB5	2128205	8053721	16.08%	2.745%
43	27.162	4083	4093	4108	rVB2	11710042	35519245	70.92%	12.107%
44	27.321	4113	4120	4124	rBV3	2718216	7349068	14.67%	2.505%
45	27.586	4156	4165	4183	rVB5	4565626	18496177	36.93%	6.305%
46	27.939	4218	4225	4244	rVB3	4053875	14366646	28.68%	4.897%
47	28.456	4302	4313	4327	rVB8	10152413	50086930	100.00%	17.073%

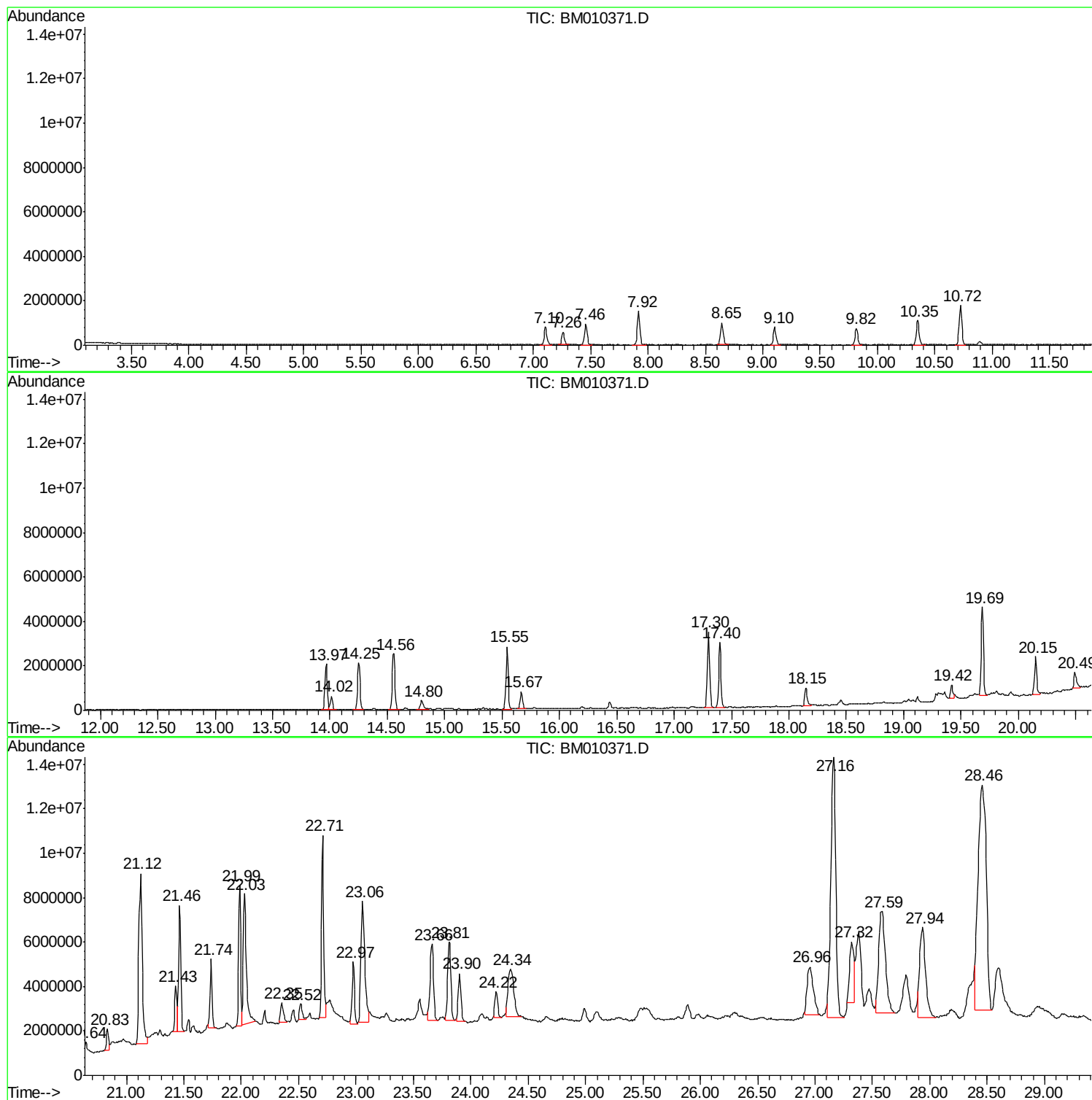
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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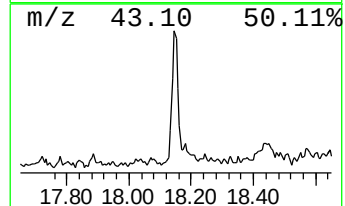
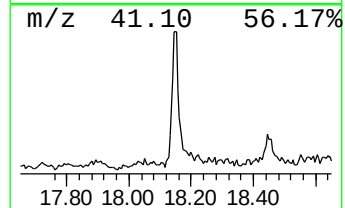
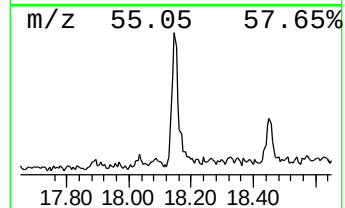
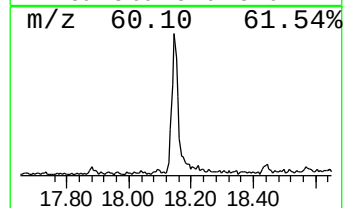
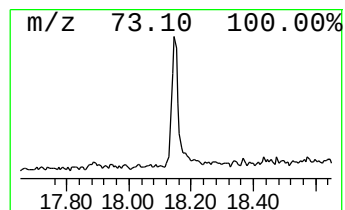
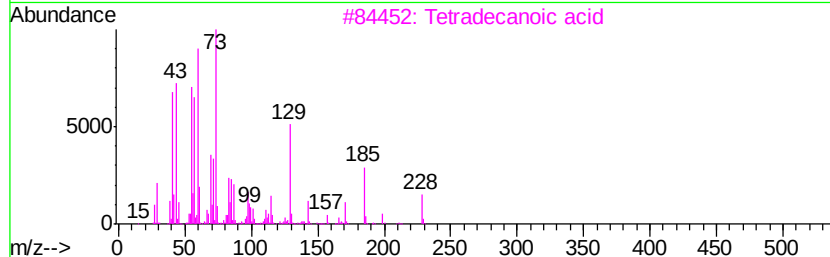
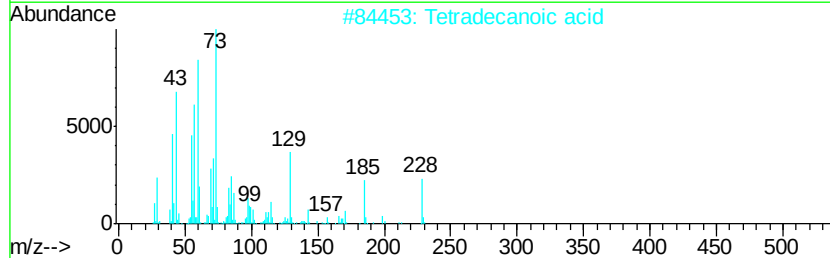
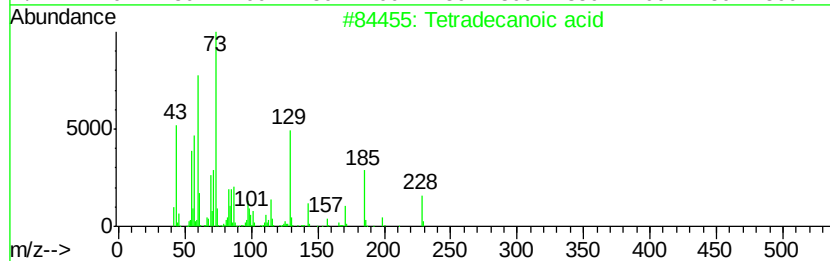
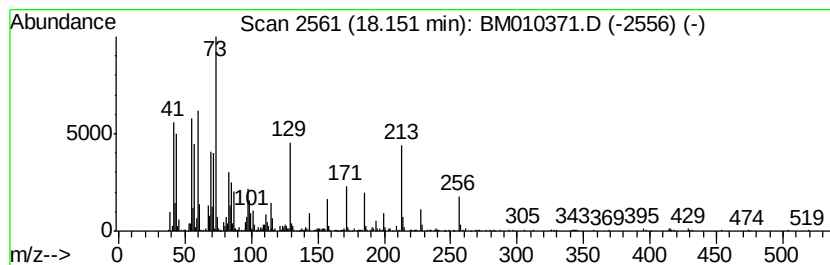
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetradecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	5.22 ng/ul	1263690	Phenanthrene-d10	17.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecanoic acid	228 C14H28O2	000544-63-8 92
2		Tetradecanoic acid	228 C14H28O2	000544-63-8 92
3		Tetradecanoic acid	228 C14H28O2	000544-63-8 90
4		Pentadecanoic acid	242 C15H30O2	001002-84-2 89
5		Tridecanoic acid	214 C13H26O2	000638-53-9 89



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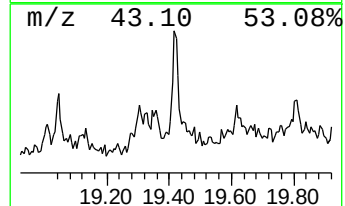
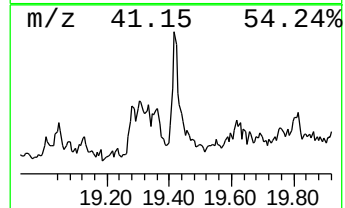
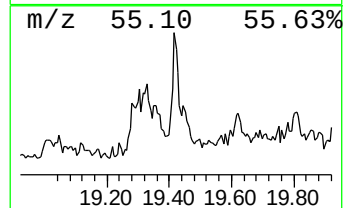
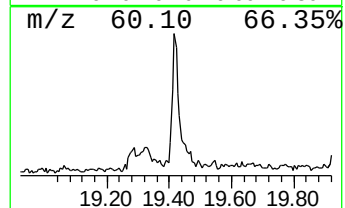
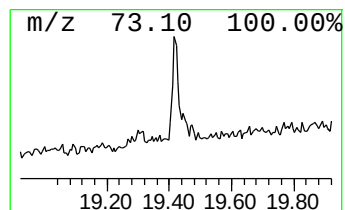
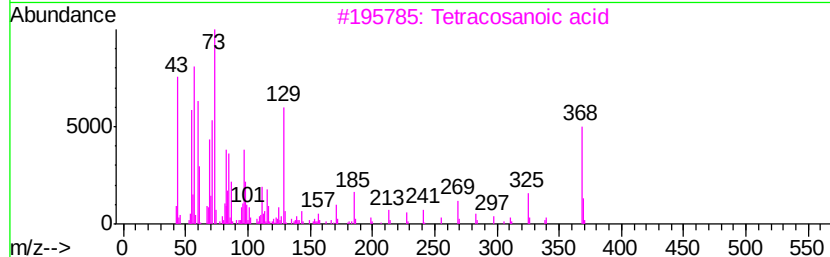
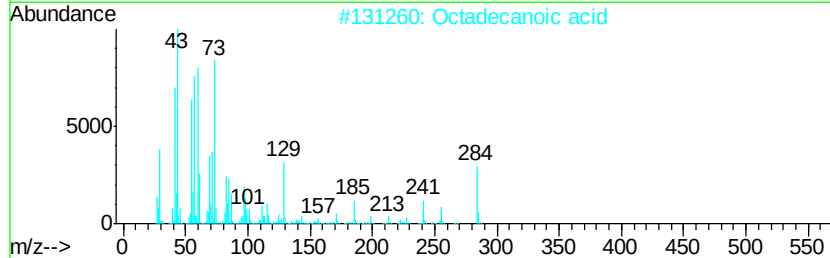
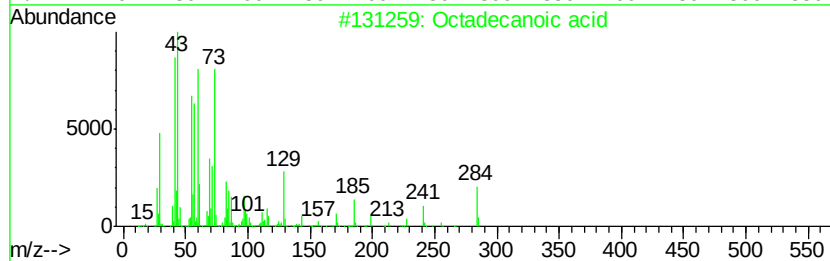
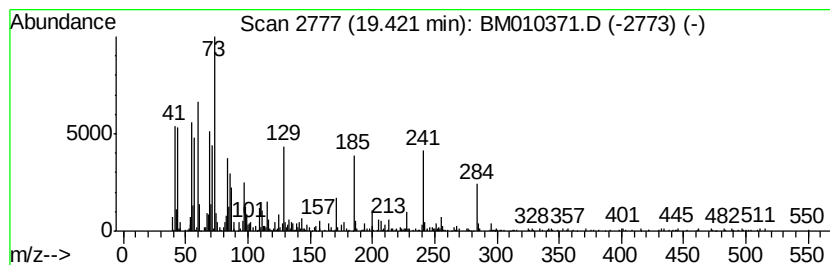
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Peak Number 2 Octadecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	2.08 ng/ul	758395	Chrysene-d12	21.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	90
2	Octadecanoic acid	284 C18H36O2	000057-11-4	81
3	Tetracosanoic acid	368 C24H48O2	000557-59-5	68
4	Octadecanoic acid	284 C18H36O2	000057-11-4	64
5	Octadecanoic acid	284 C18H36O2	000057-11-4	62



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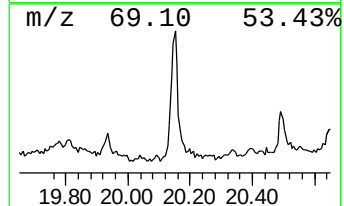
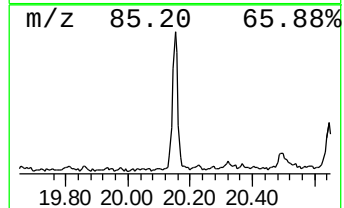
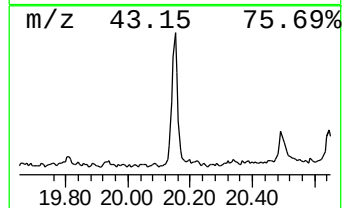
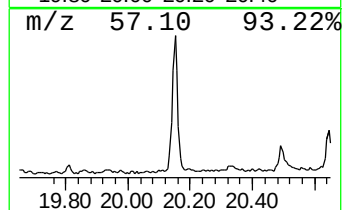
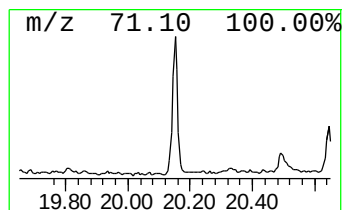
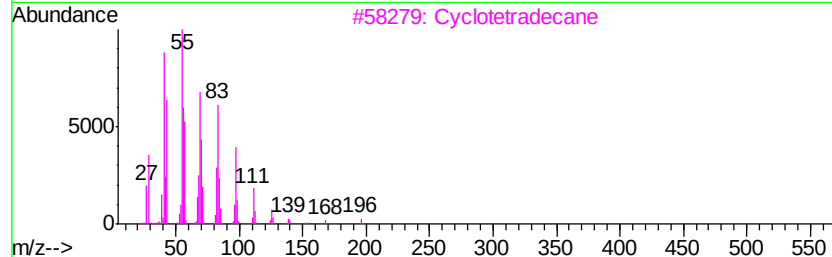
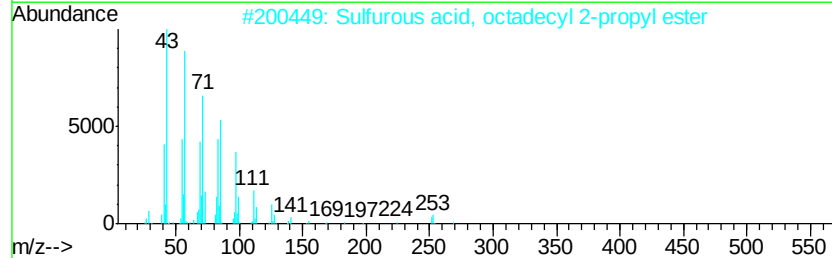
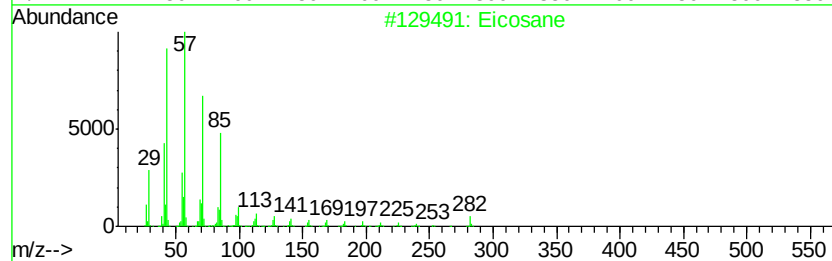
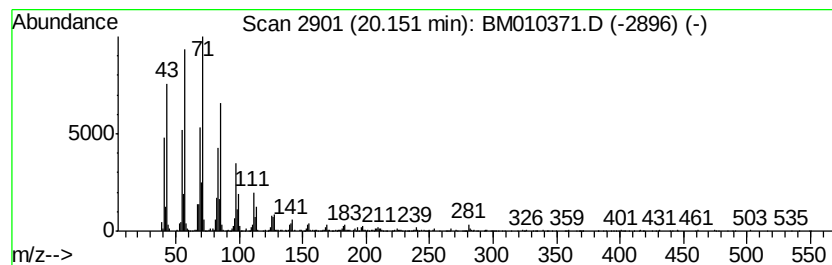
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	6.84 ng/ul	2494520	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	83
2		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	68
3		Cyclotetradecane	196	C14H28	000295-17-0	62
4		Hexacosane	366	C26H54	000630-01-3	62
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	46



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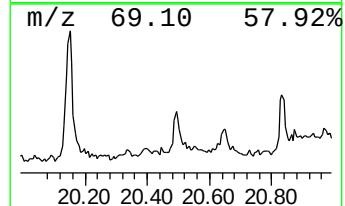
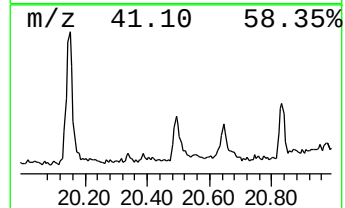
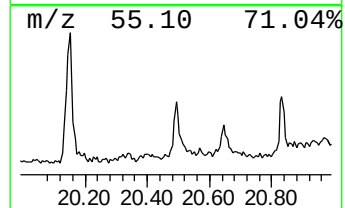
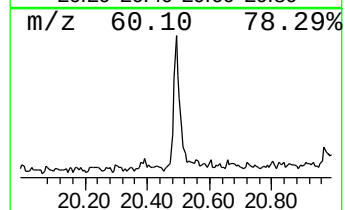
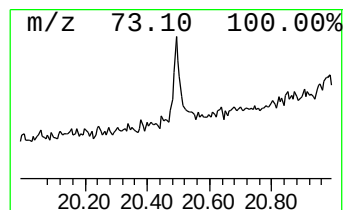
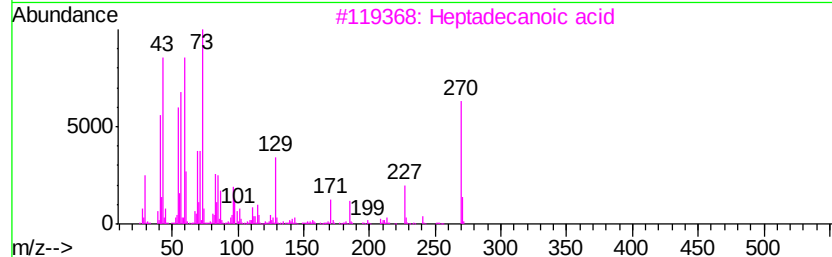
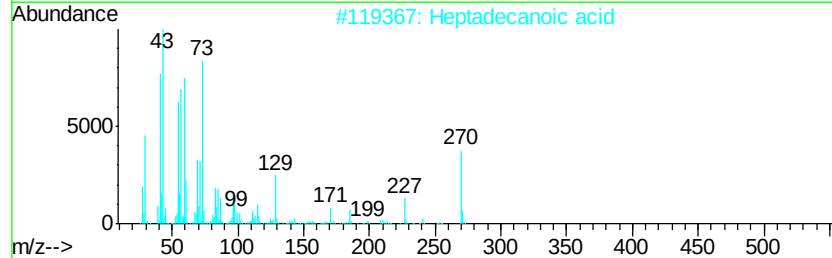
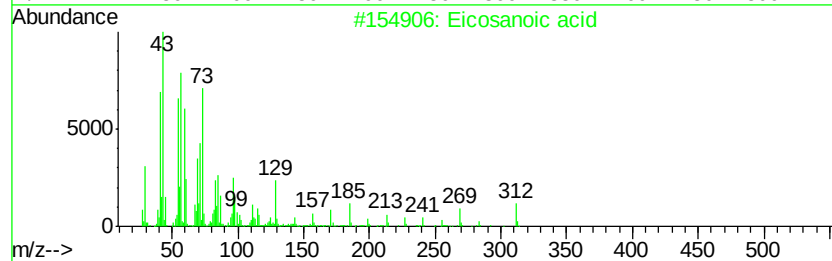
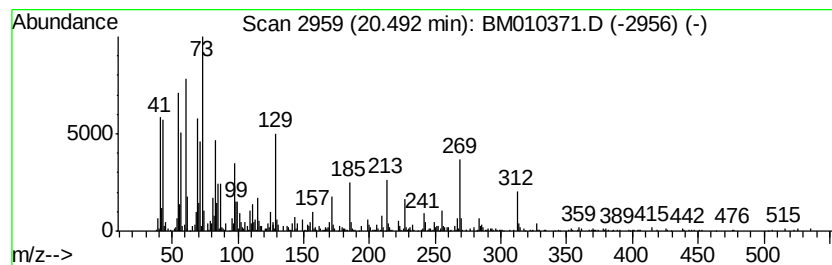
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Peak Number 4 Eicosanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	3.06 ng/ul	1115510	Chrysene-d12	21.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosanoic acid	312 C20H40O2	000506-30-9	86
2	Heptadecanoic acid	270 C17H34O2	000506-12-7	83
3	Heptadecanoic acid	270 C17H34O2	000506-12-7	78
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	78
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	64



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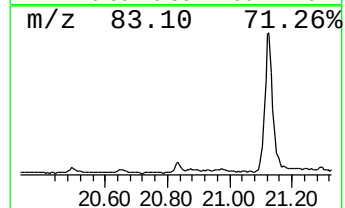
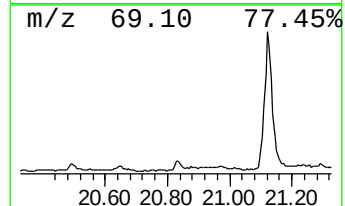
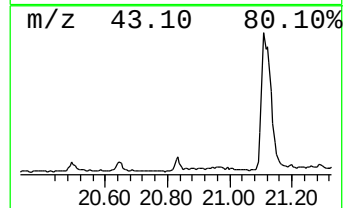
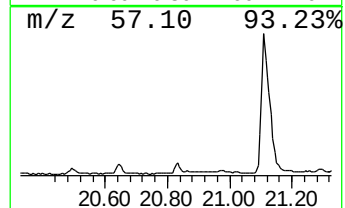
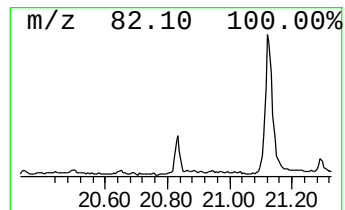
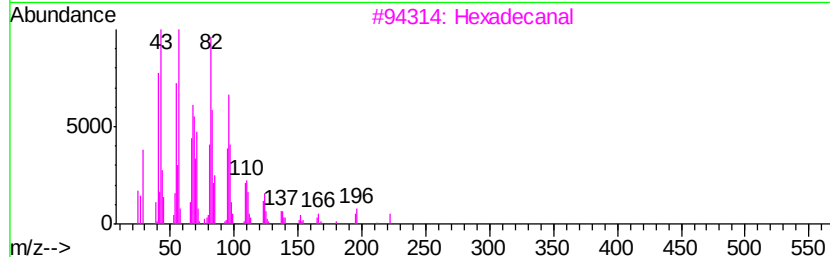
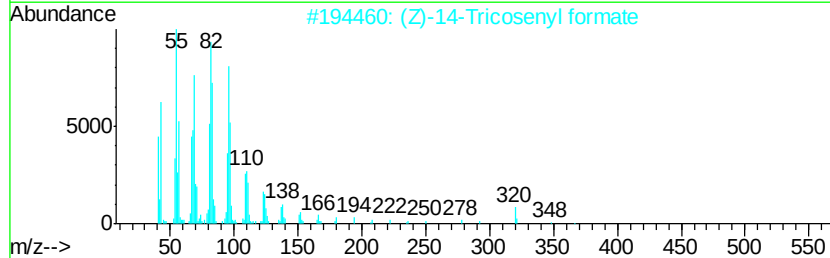
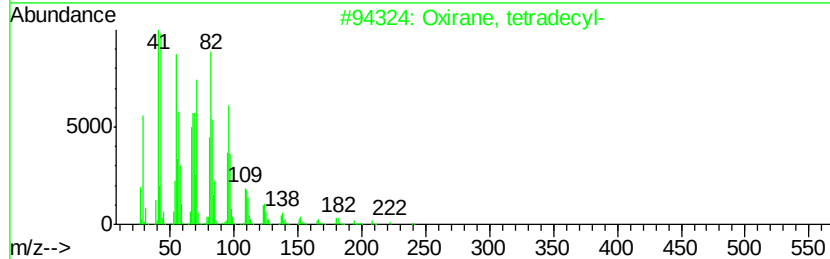
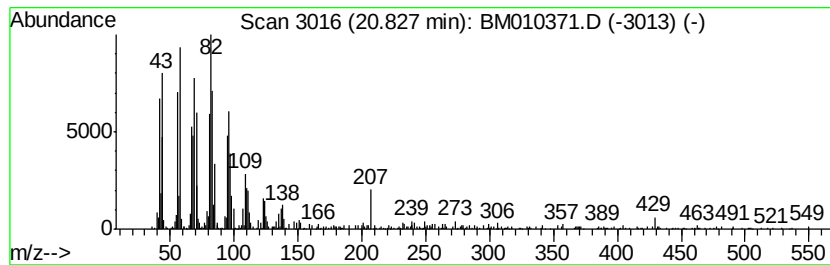
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Oxirane, tetradecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.28 ng/ul	1196070	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	94
2		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
3		Hexadecanal	240	C16H32O	000629-80-1	91
4		Hexadecanal	240	C16H32O	000629-80-1	91
5		Heptadecanal	254	C17H34O	1000376-70-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSG9

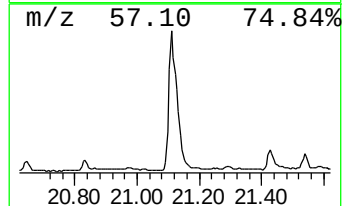
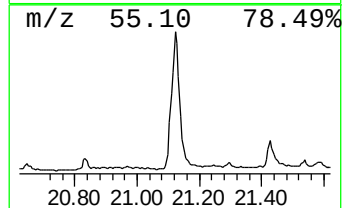
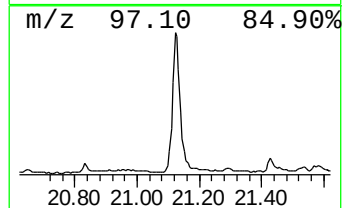
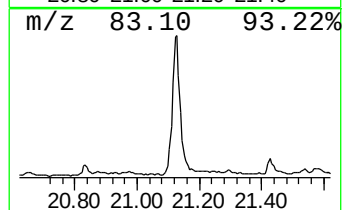
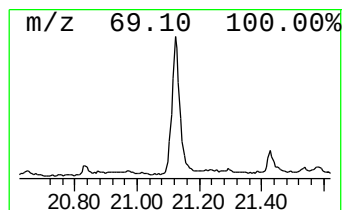
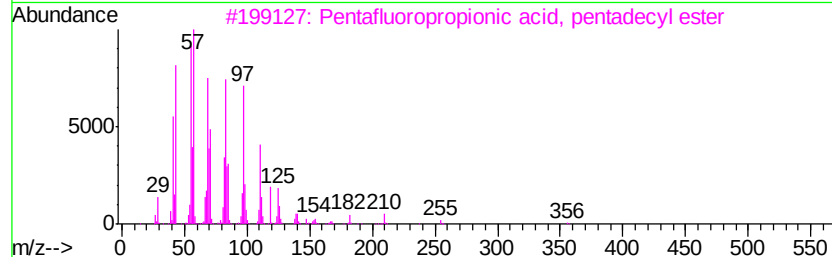
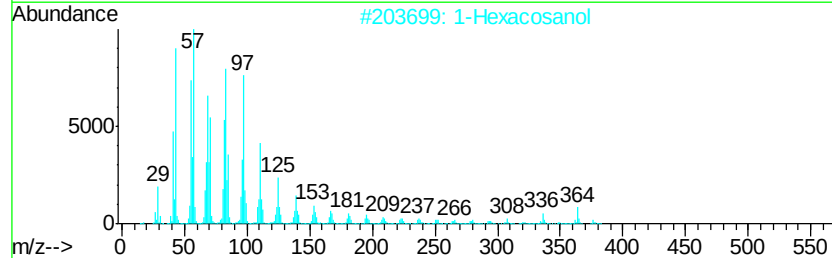
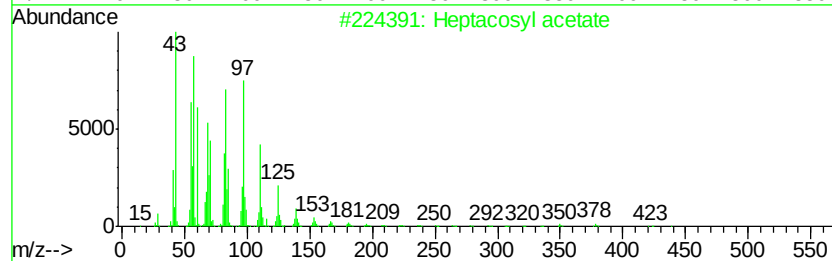
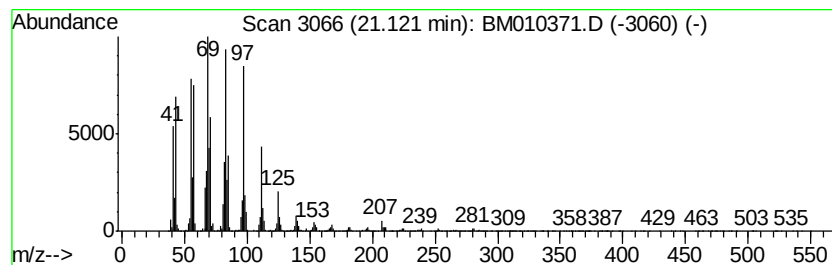
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Heptacosyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	44.21 ng/ul	16127800	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
2		1-Hexacosanol	382	C26H54O	000506-52-5	89
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87
4		Cyclotetracosane	336	C24H48	000297-03-0	81
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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Operator : SJ/MA
Sample : I3163-19
Misc :
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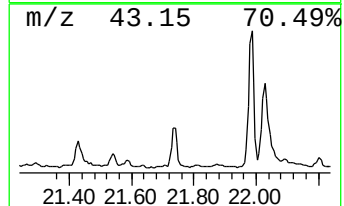
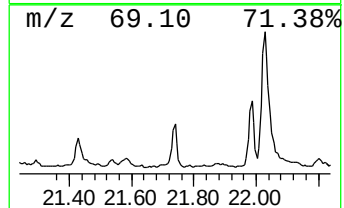
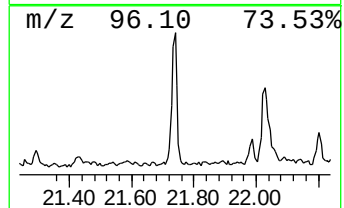
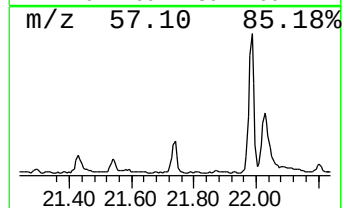
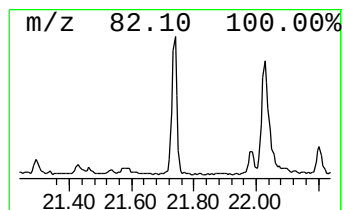
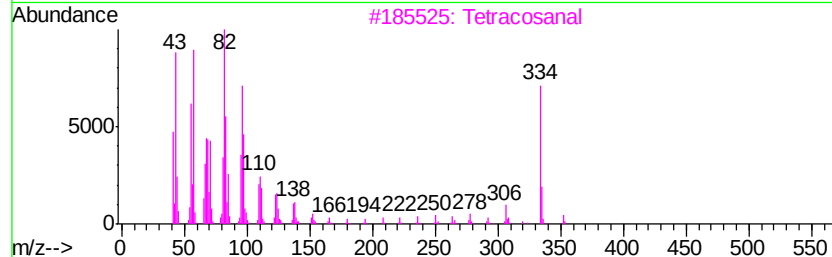
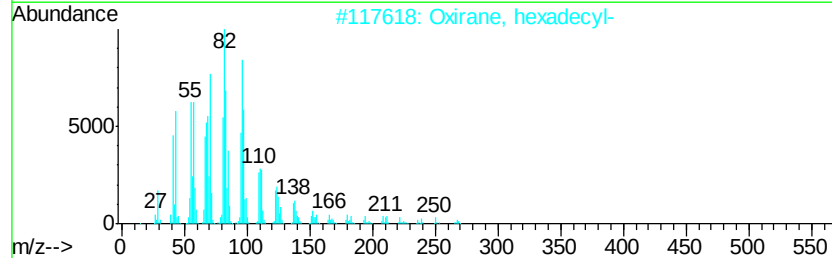
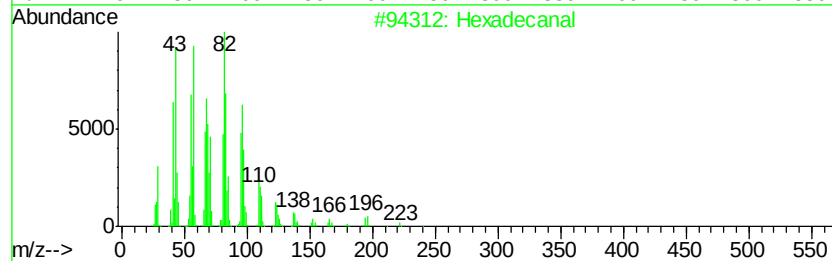
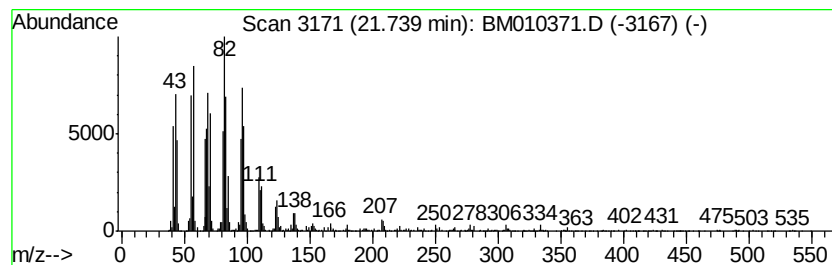
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Hexadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	10.07 ng/ul	3672140	Chrysene-d12	21.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecanal	240 C16H32O	000629-80-1	94
2	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	94
3	Tetracosanal	352 C24H48O	057866-08-7	93
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 : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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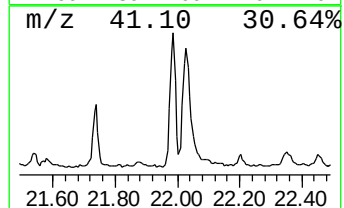
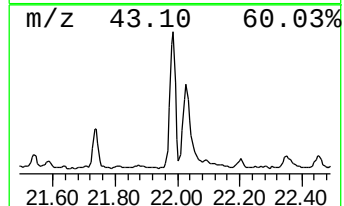
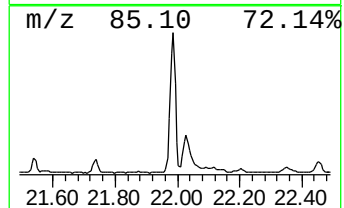
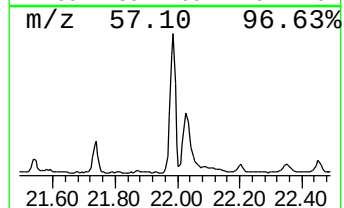
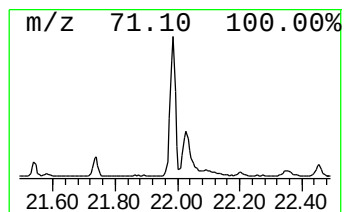
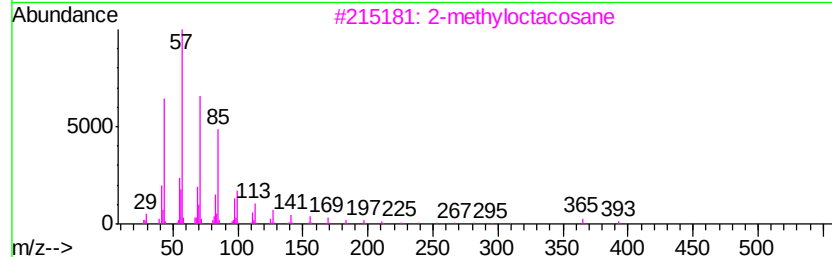
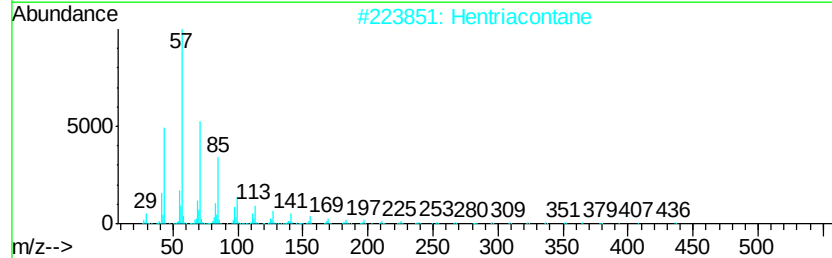
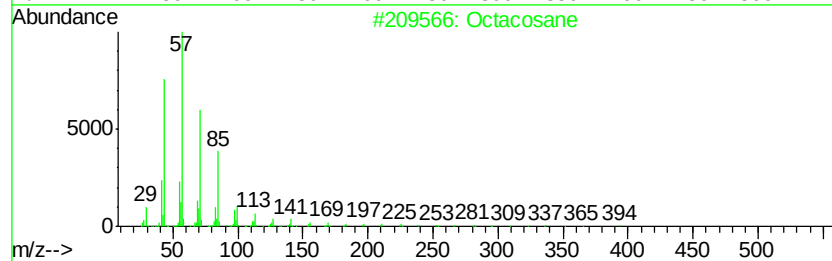
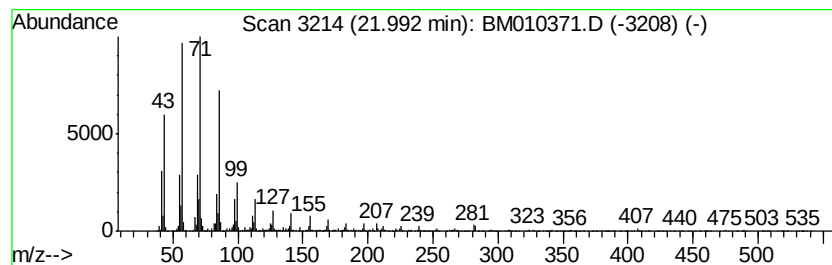
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	20.67 ng/ul	7540430	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hentriacontane	437	C31H64	000630-04-6	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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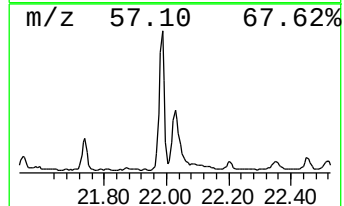
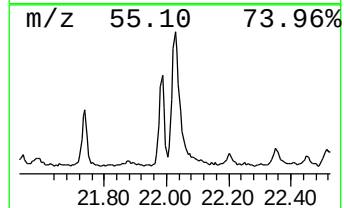
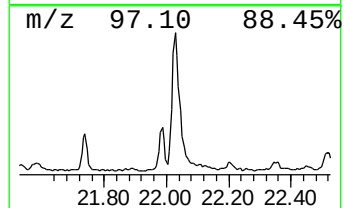
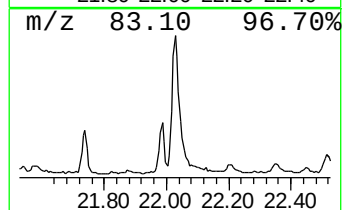
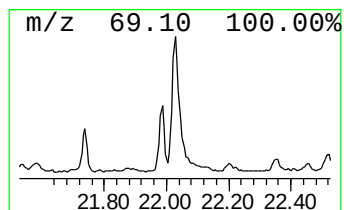
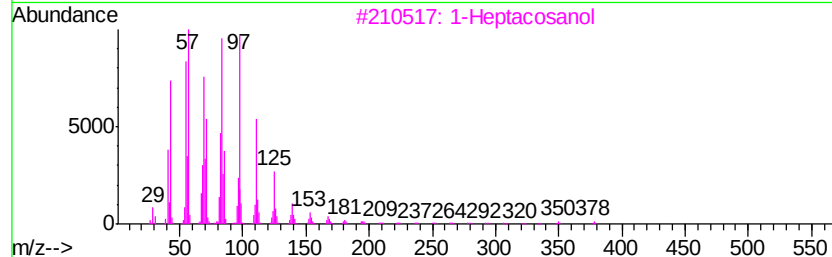
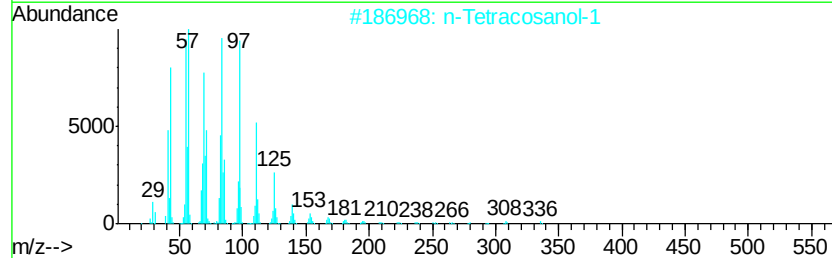
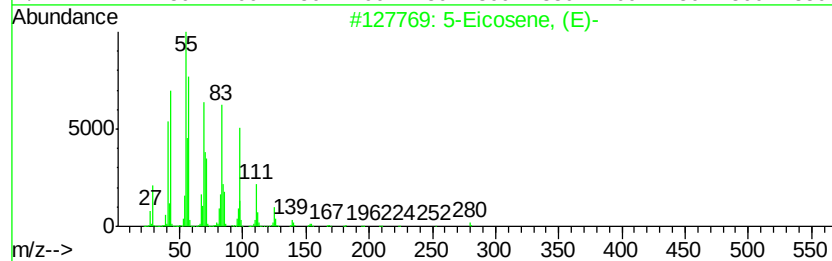
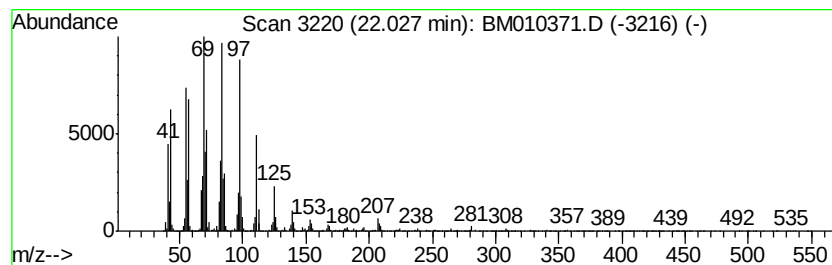
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic22.03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	29.74 ng/ul	10847200	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5		Behenic alcohol	326	C22H46O	000661-19-8	89



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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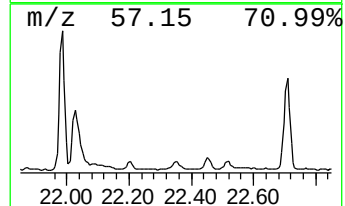
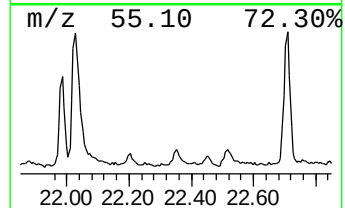
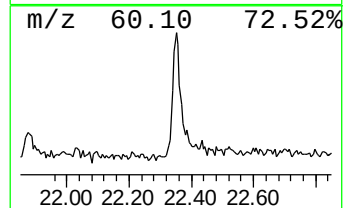
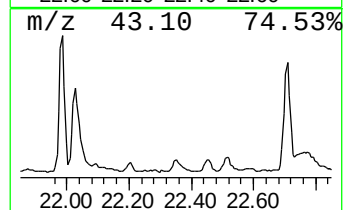
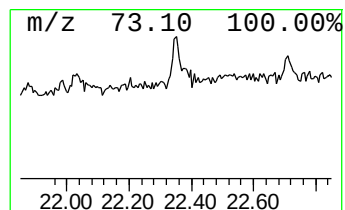
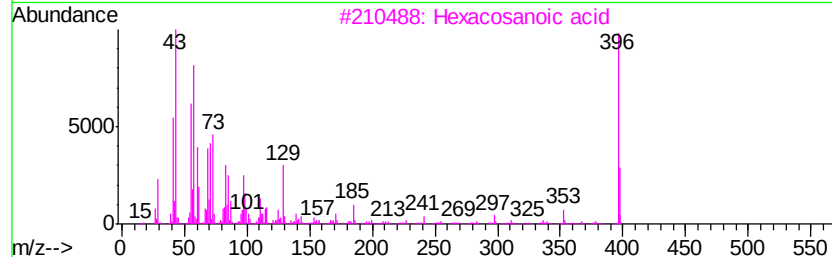
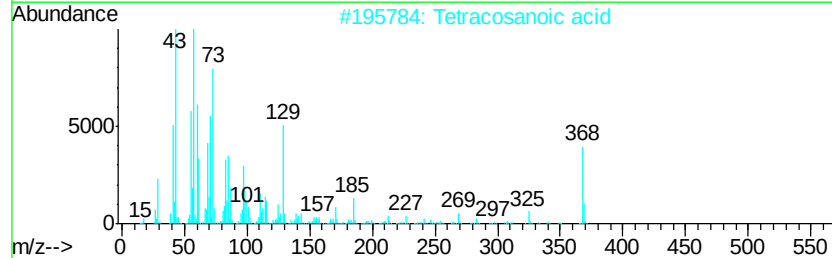
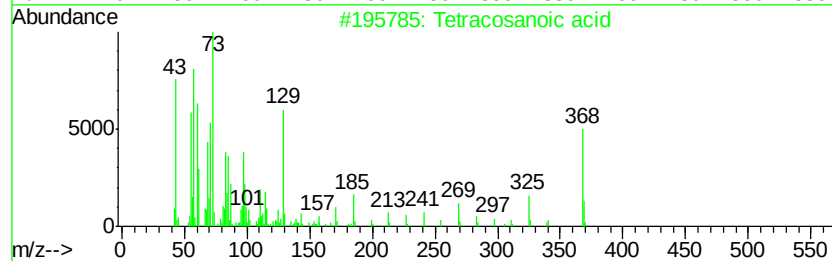
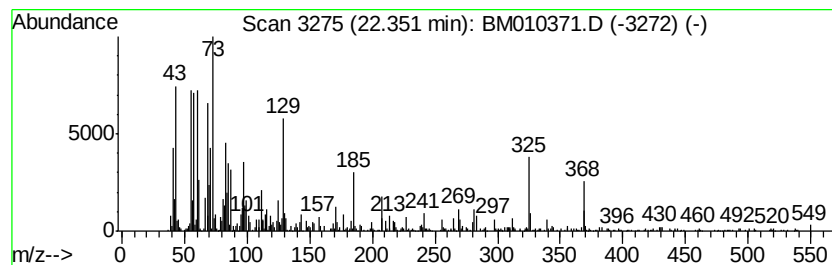
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Tetracosanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	4.00 ng/ul	1459490	Chrysene-d12	21.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanoic acid	368	C24H48O2	000557-59-5	64
2			Tetracosanoic acid	368	C24H48O2	000557-59-5	60
3			Hexacosanoic acid	396	C26H52O2	000506-46-7	52
4			Octadecanoic acid	284	C18H36O2	000057-11-4	49
5			n-Decanoic acid	172	C10H20O2	000334-48-5	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
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Sample : I3163-19
Misc :
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Instrument :
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ClientSampleId :
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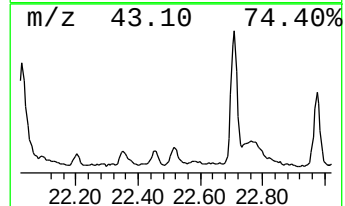
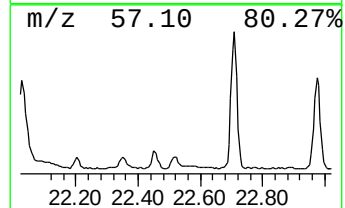
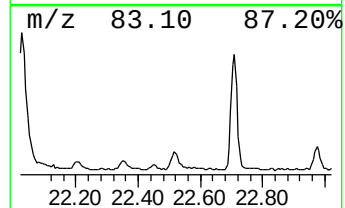
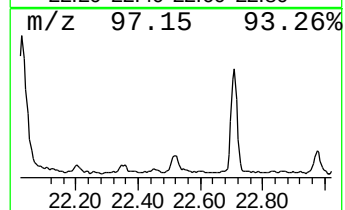
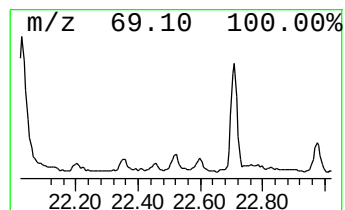
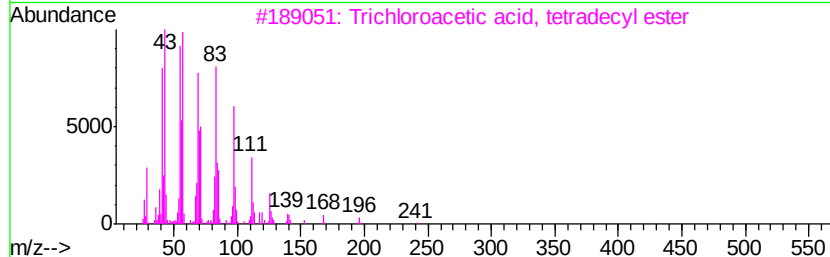
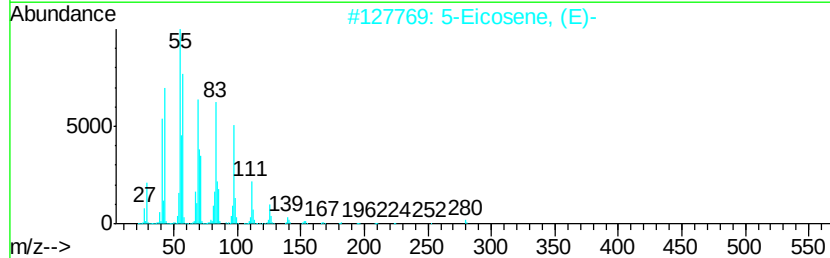
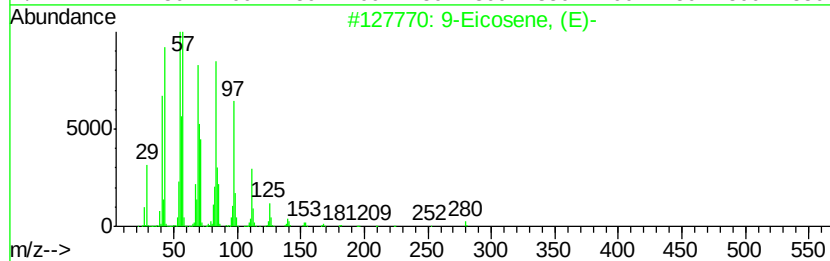
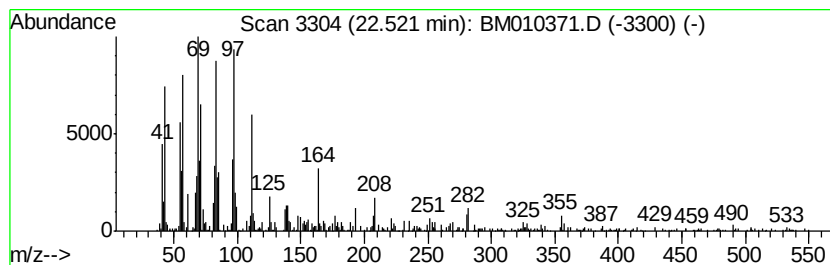
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic22.52 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	3.26 ng/ul	1190080	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4		1-Hexacosanol	382	C26H54O	000506-52-5	91
5		9-Octadecene, (E)-	252	C18H36	007206-25-9	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
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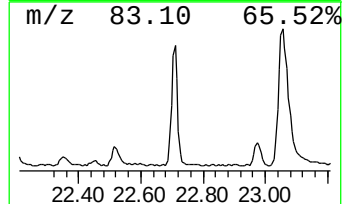
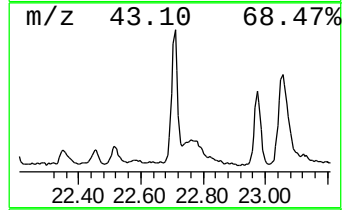
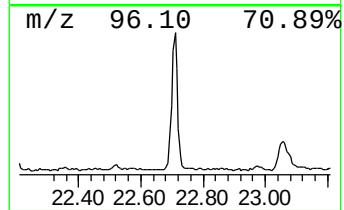
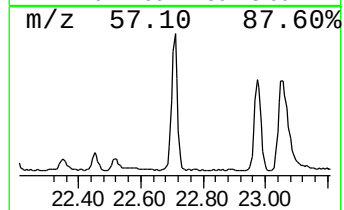
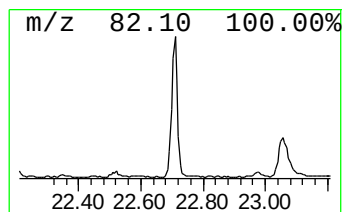
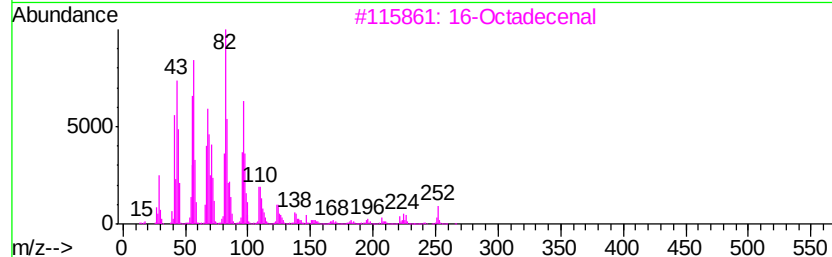
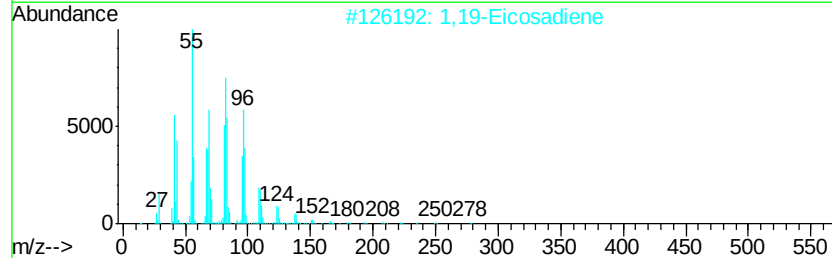
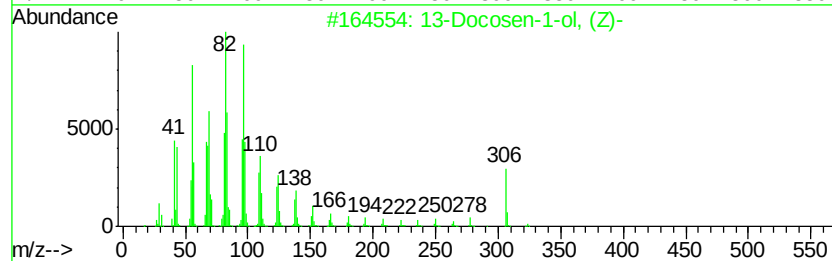
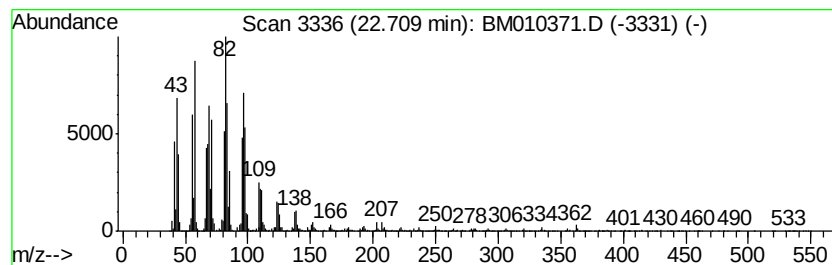
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 13-Docosen-1-ol, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	32.22 ng/ul	11191900	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	96
2		1,19-Eicosadiene	278	C20H38	014811-95-1	94
3		16-Octadecenal	266	C18H34O	056554-87-1	94
4		Tetracosanal	352	C24H48O	057866-08-7	94
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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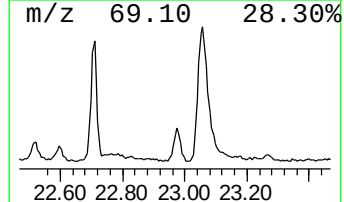
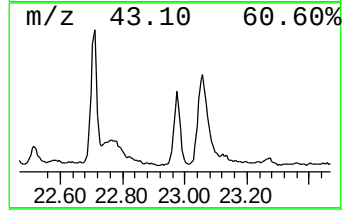
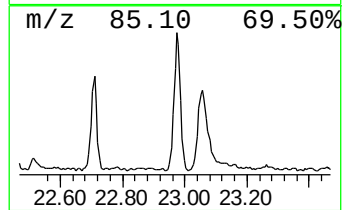
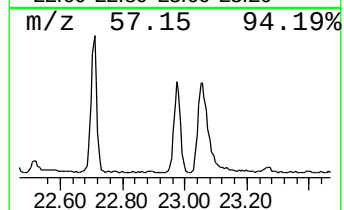
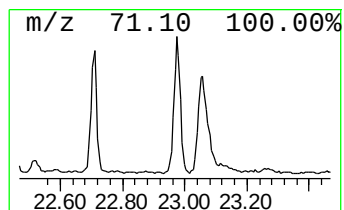
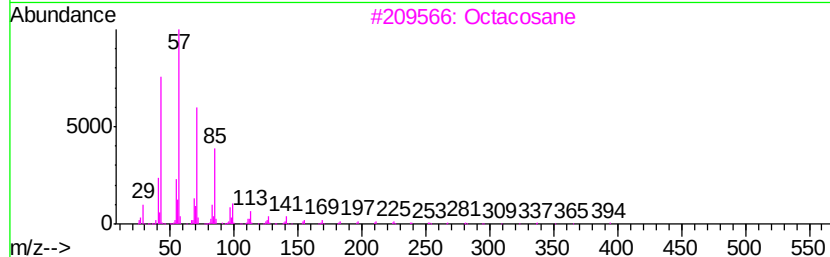
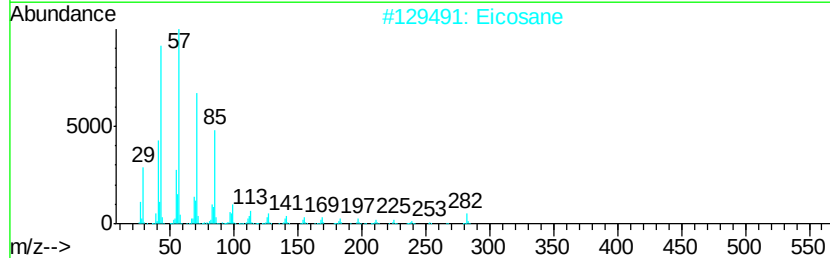
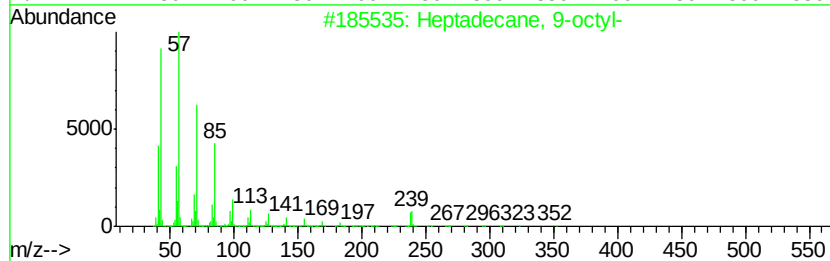
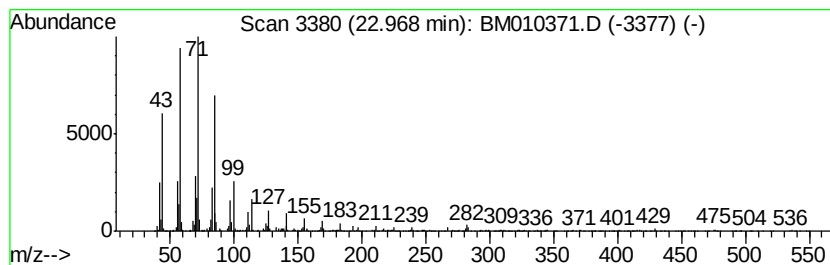
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	11.87 ng/ul	4121700	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Octacosane	394	C28H58	000630-02-4	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

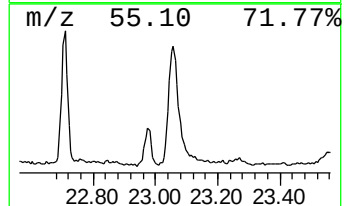
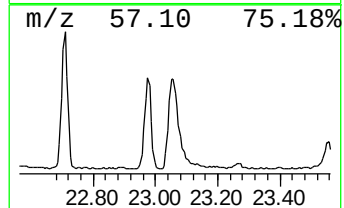
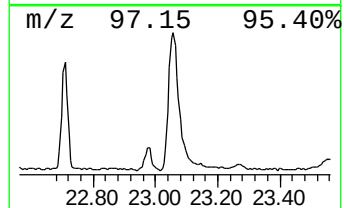
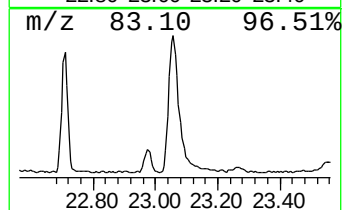
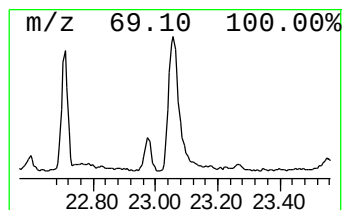
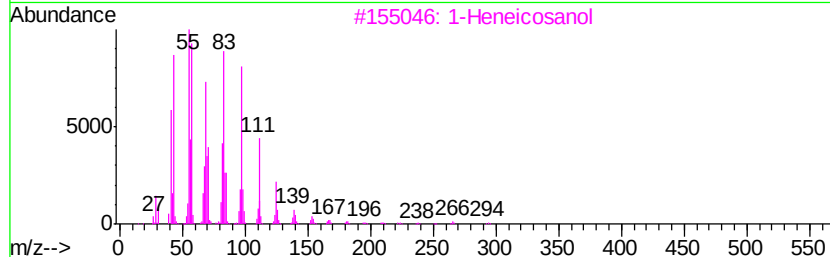
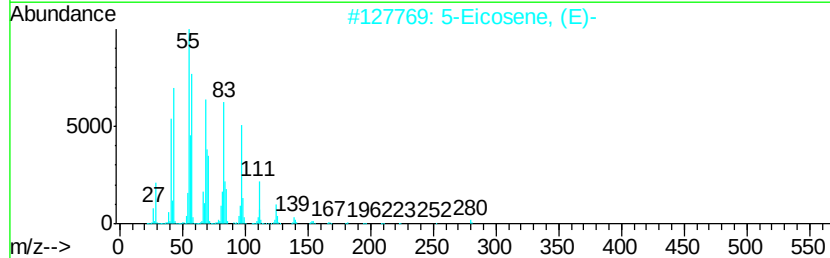
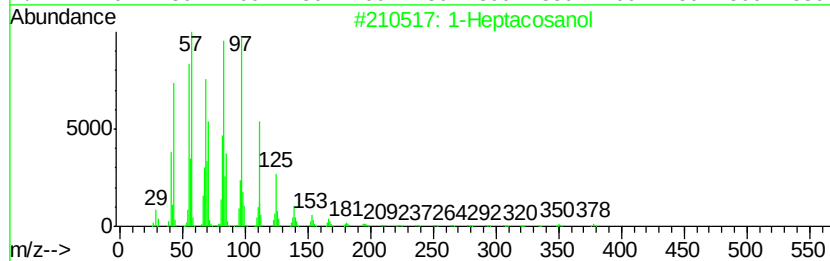
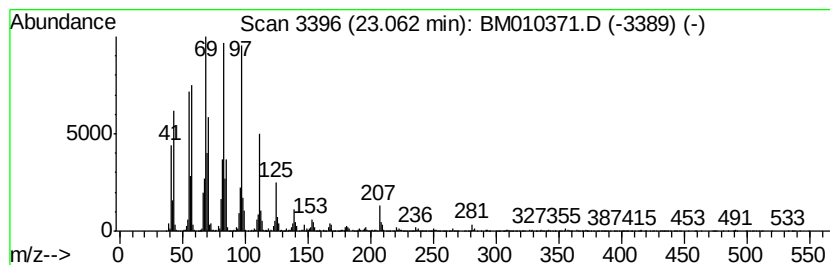
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	36.32 ng/ul	12615500	Perylene-d12	23.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Heptacosanol	396 C27H56O	002004-39-9 93
2		5-Eicosene, (E)-	280 C20H40	074685-30-6 93
3		1-Heneicosanol	312 C21H44O	015594-90-8 91
4		Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8 86
5		1-Docosene	308 C22H44	001599-67-3 81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

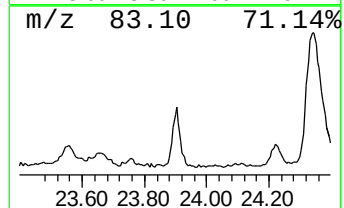
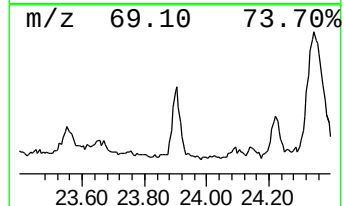
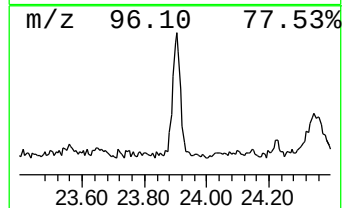
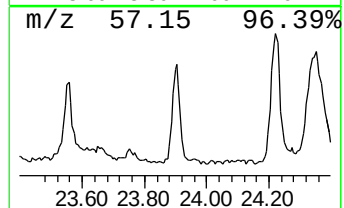
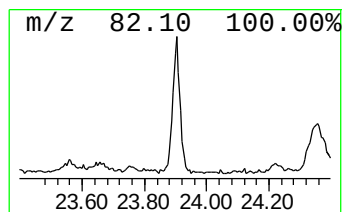
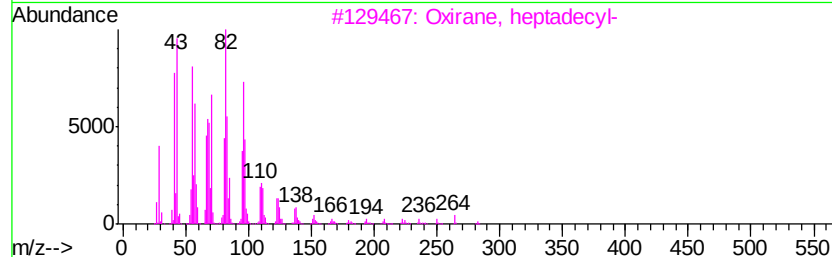
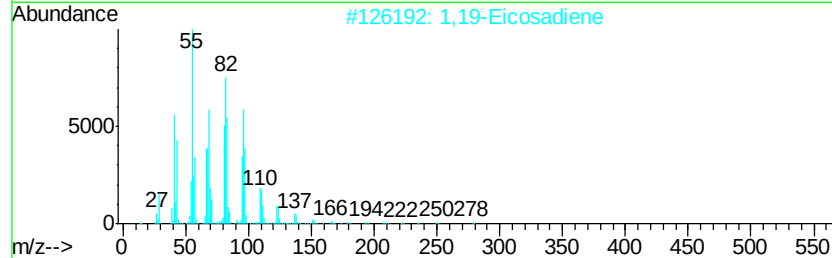
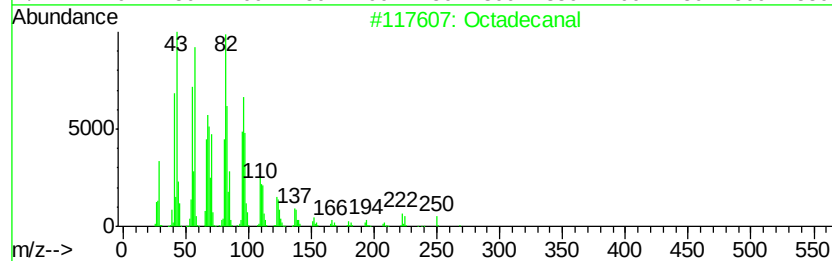
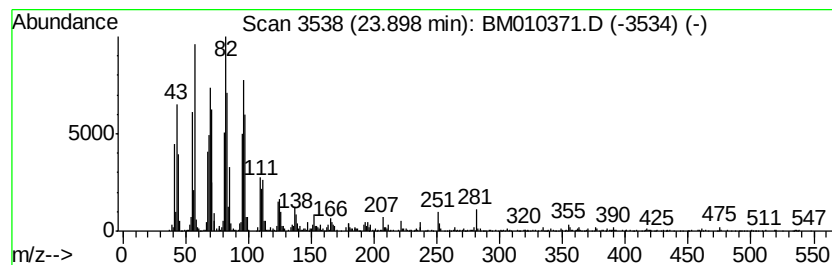
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Octadecanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.90	10.55 ng/ul	3666400	Perylene-d12	23.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	1,19-Eicosadiene	278	C20H38	014811-95-1	94
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
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 : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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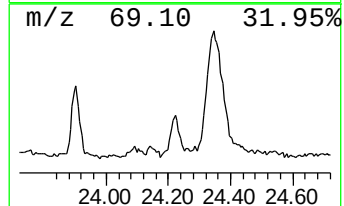
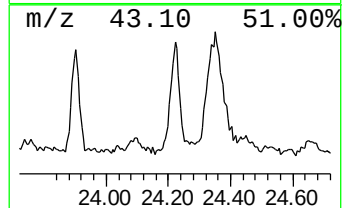
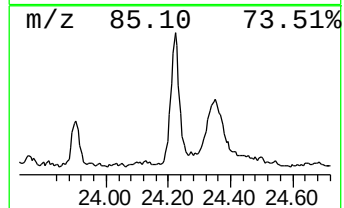
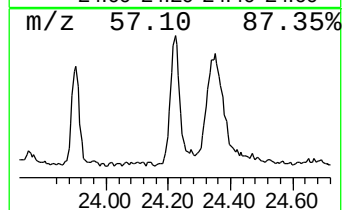
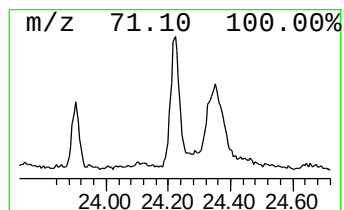
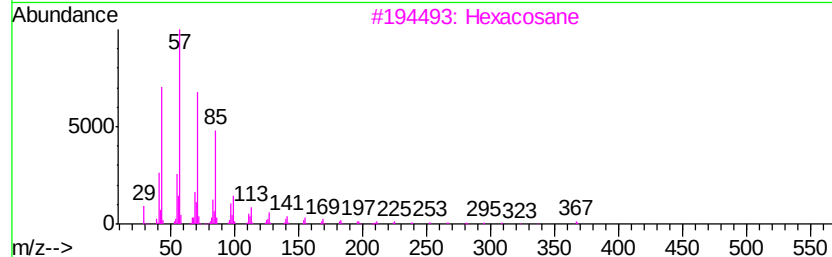
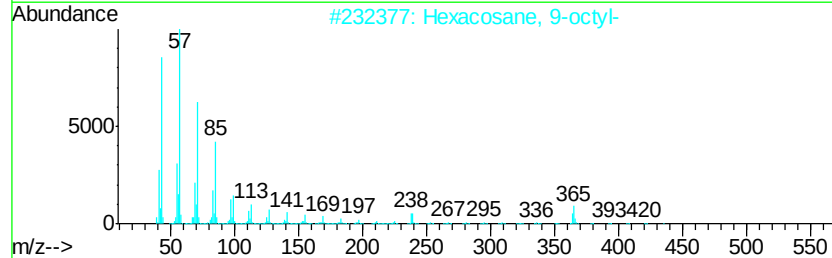
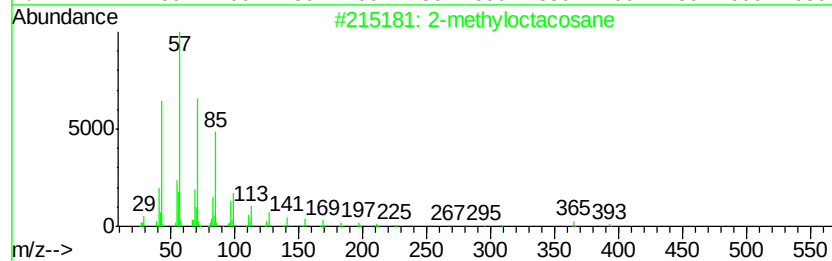
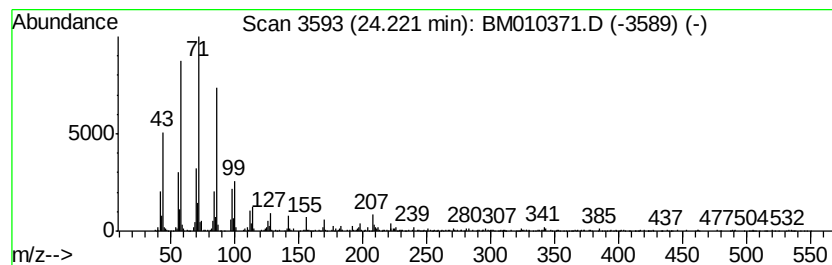
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	5.78 ng/ul	2007640	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	87
2		Hexacosane, 9-octyl-	479	C34H70	055429-83-9	86
3		Hexacosane	366	C26H54	000630-01-3	83
4		Tetratetracontane	619	C44H90	007098-22-8	83
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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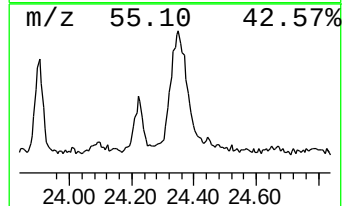
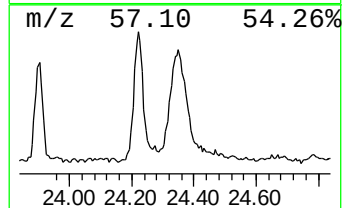
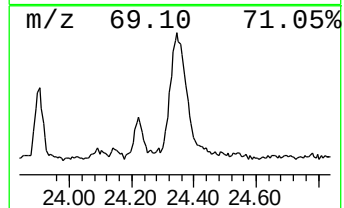
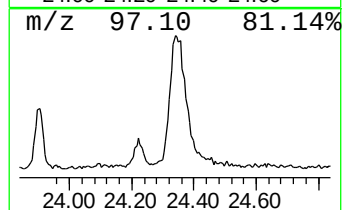
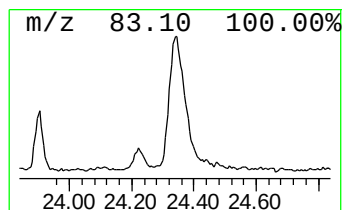
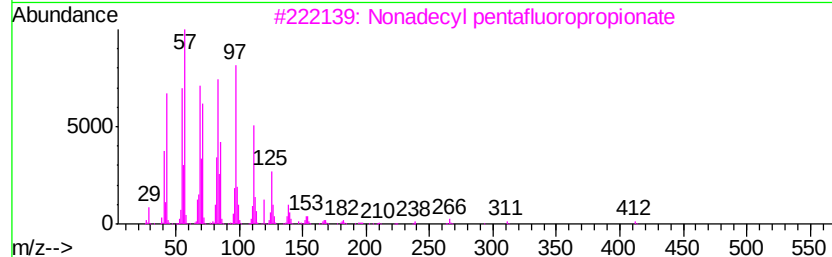
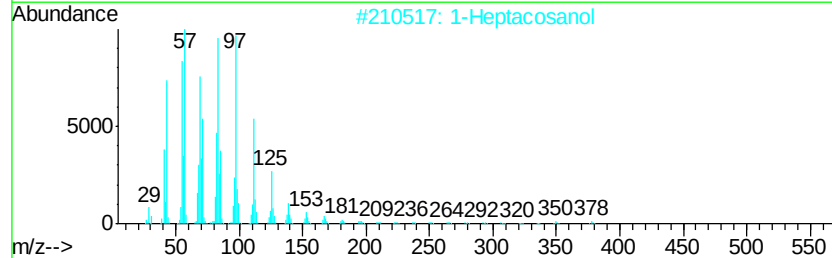
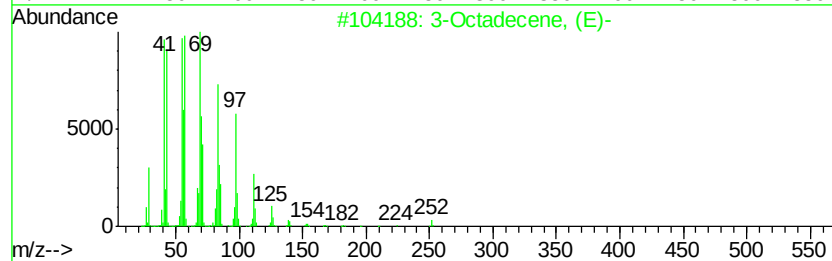
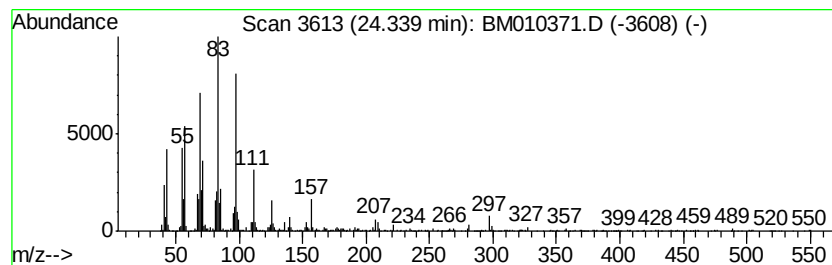
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Cyclic24.34 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	21.11 ng/ul	7334170	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octadecene, (E)-	252	C18H36	007206-19-1	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	43
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	41
4		Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	38
5		2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
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Sample : I3163-19
Misc :
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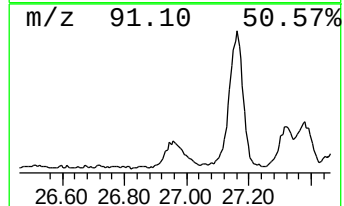
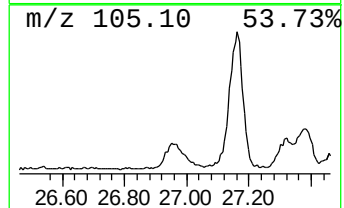
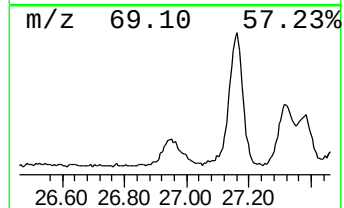
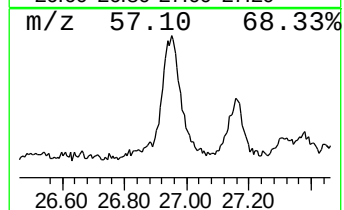
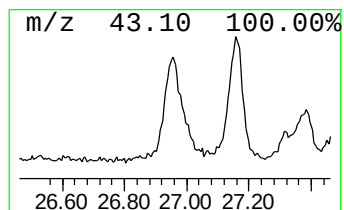
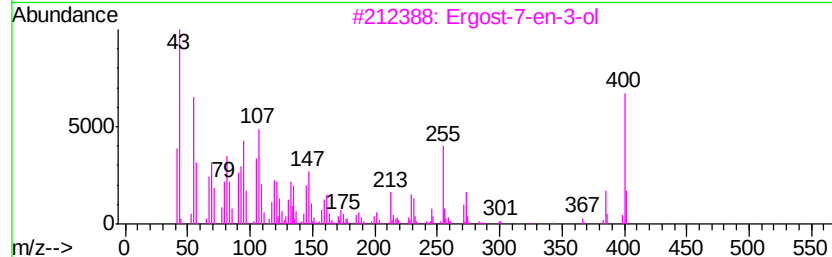
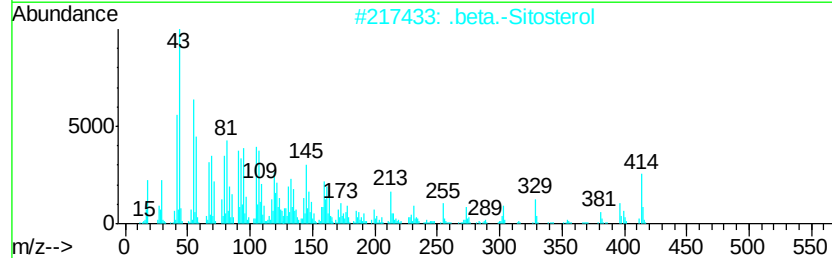
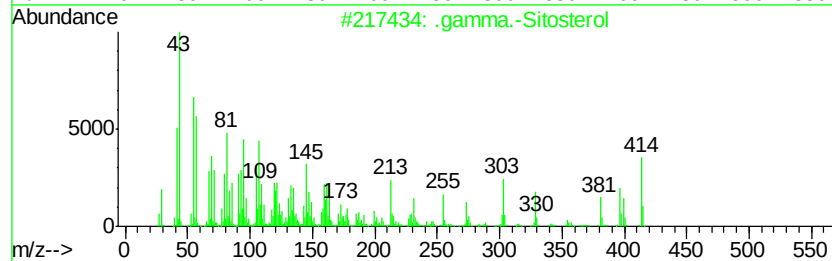
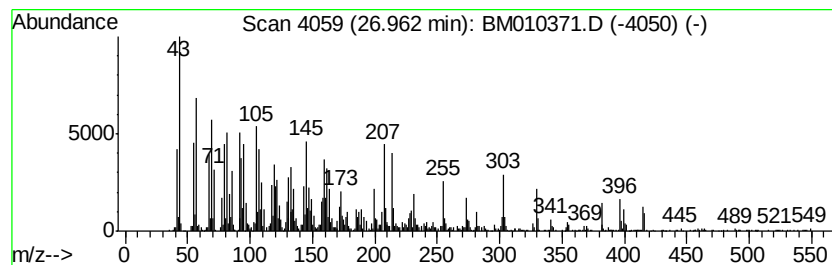
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.96	23.18 ng/ul	8053720	Perylene-d12	23.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 94
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 89
3		Ergost-7-en-3-ol	400 C28H48O	116179-22-7 55
4		Campesterol	400 C28H48O	000474-62-4 35
5		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
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Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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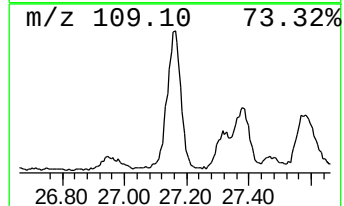
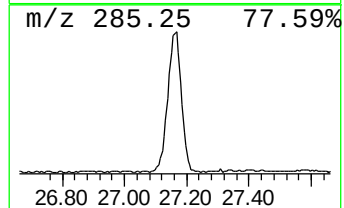
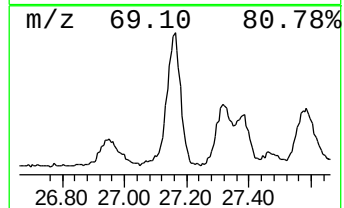
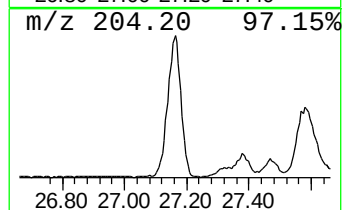
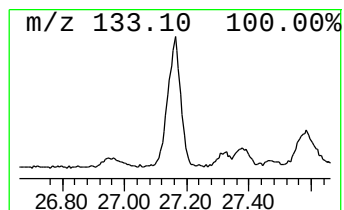
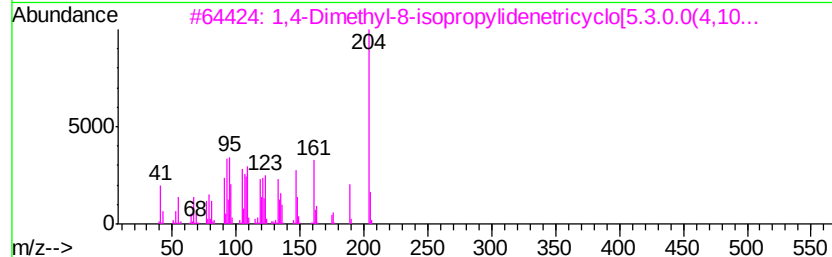
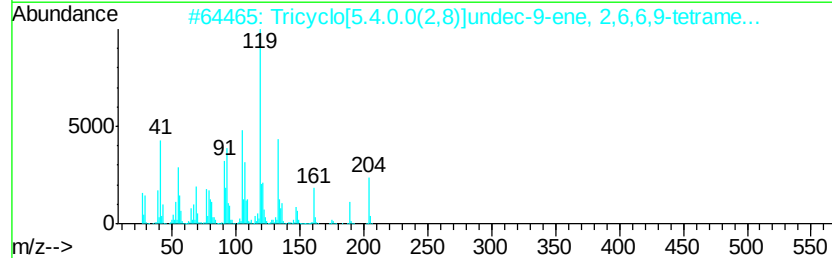
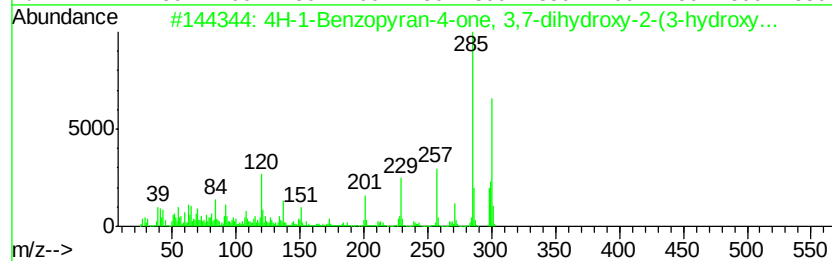
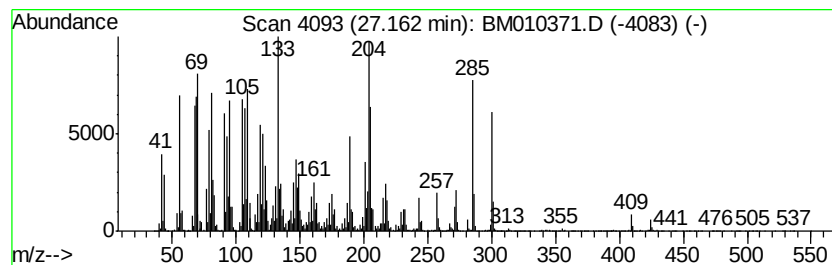
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	102.25 ng/ul	35519200	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-1-Benzopyran-4-one, 3,7-dihyd...	300	C16H12O6	057396-72-2	45
2		Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	42
3		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	30
4		1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	30
5		1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSG9

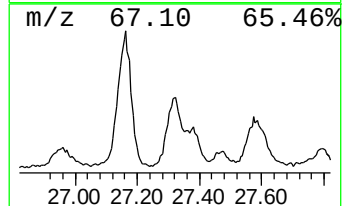
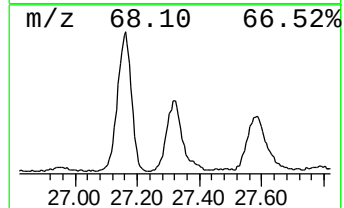
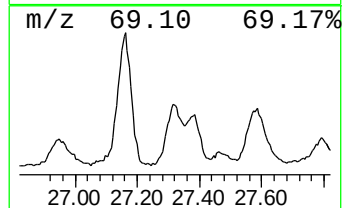
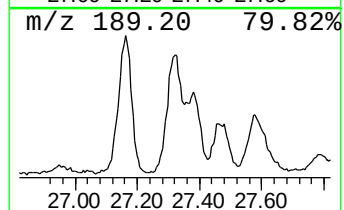
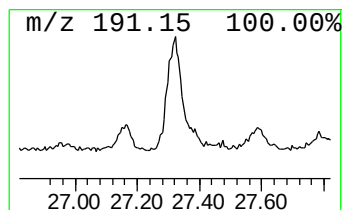
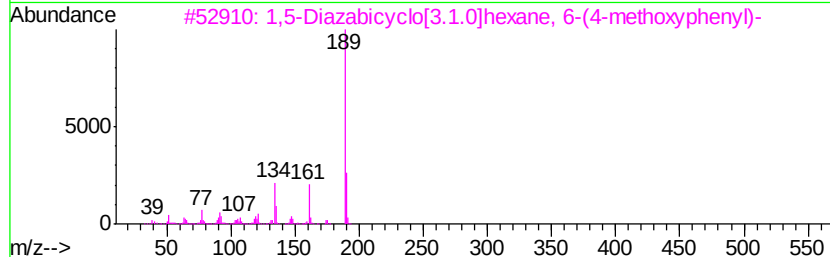
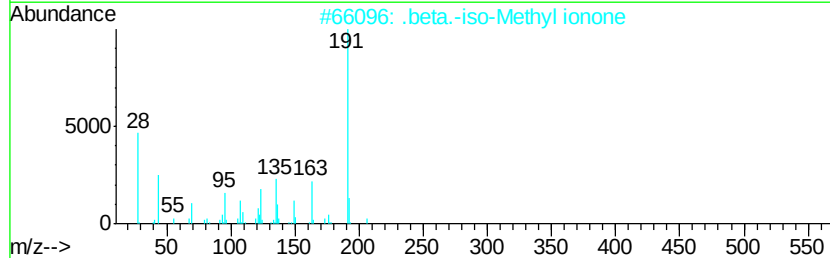
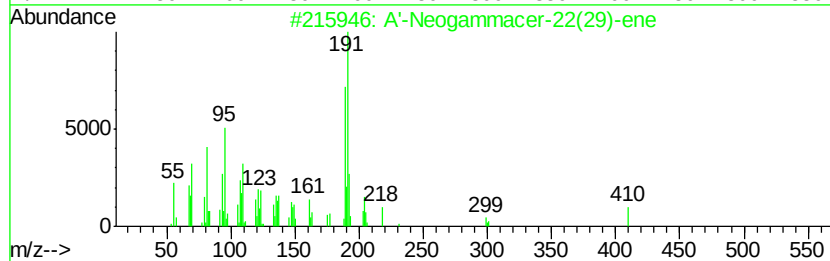
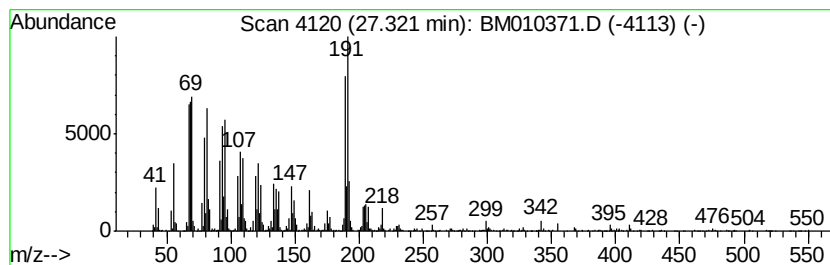
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 A'-Neogammacer-22(29)-ene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.32	21.16 ng/ul	7349070	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	A'-Neogammacer-22(29)-ene	410	C30H50	001615-91-4	74
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	46
3		1,5-Diazabicyclo[3.1.0]hexane, 6...	190	C11H14N2O	1000337-54-5	25
4		Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	000515-13-9	25
5		Silane, methyltripropoxy-	220	C10H24O3Si	005581-66-8	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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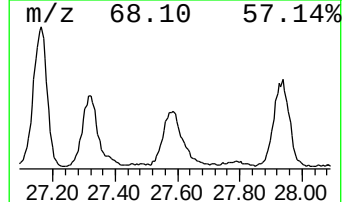
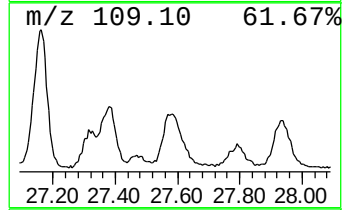
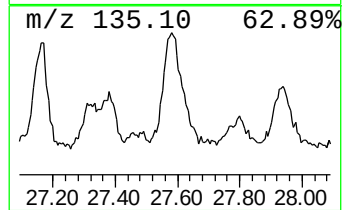
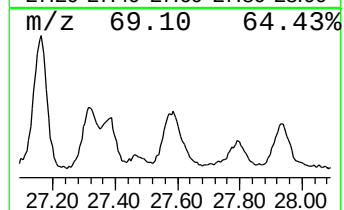
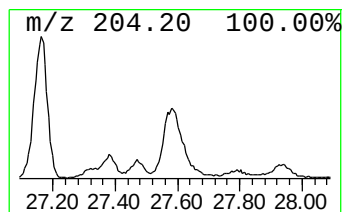
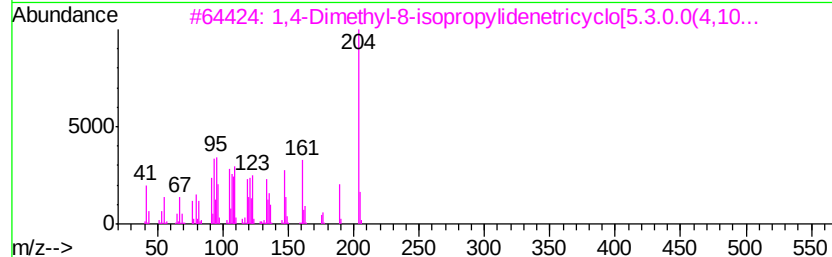
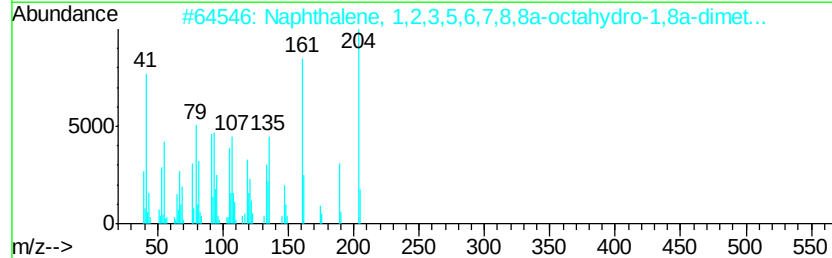
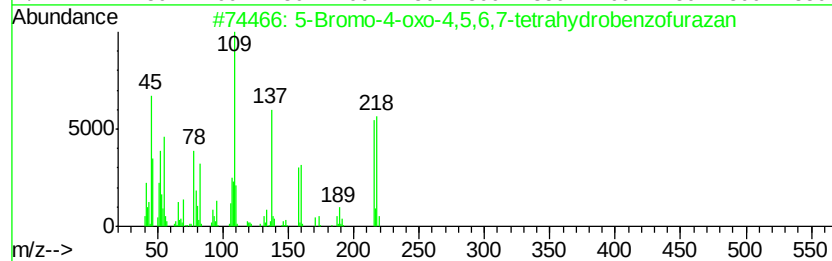
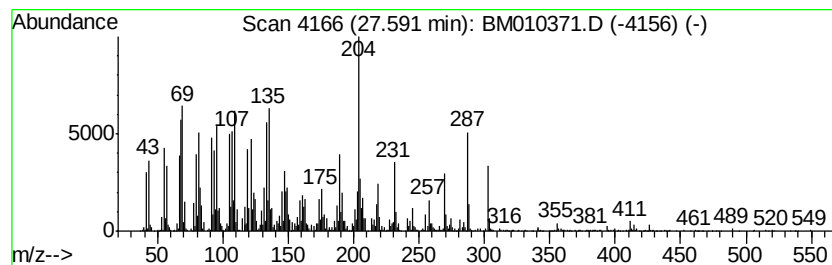
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.59	53.25 ng/ul	18496200	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	90
2		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	70
3		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	58
4		Guaia-3,9-diene	204	C15H24	000489-83-8	53
5		1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSG9

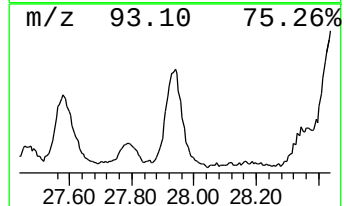
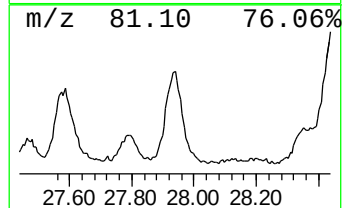
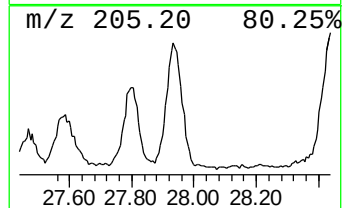
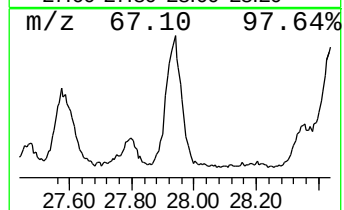
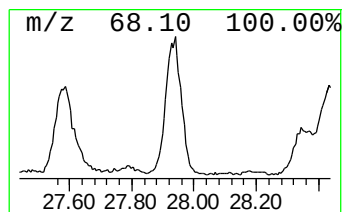
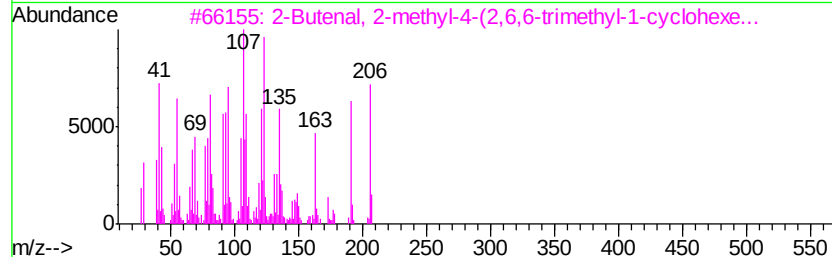
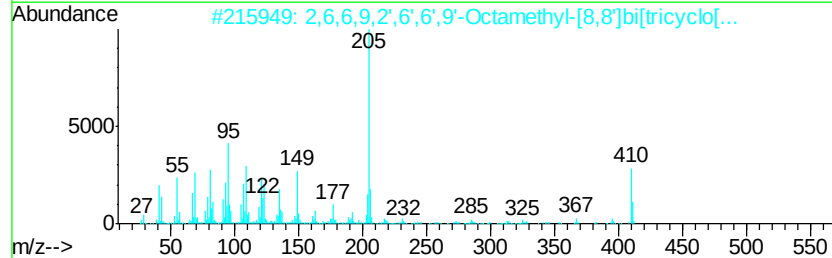
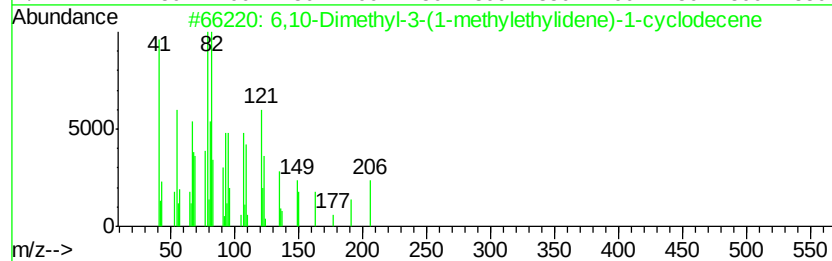
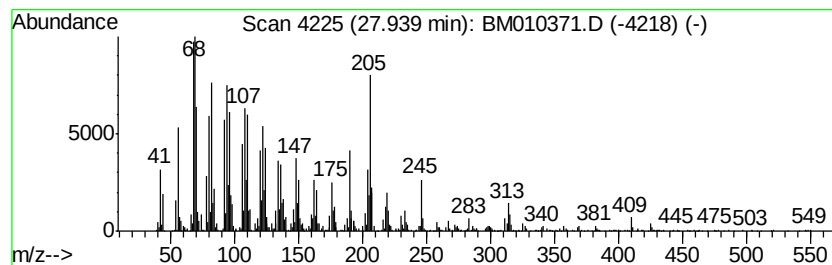
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 6,10-Dimethyl-3-(1-methylet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.94	41.36 ng/ul	14366600	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6,10-Dimethyl-3-(1-methylethylidene)-1-cyclodecene	206	C15H26	069239-71-0	58
2		2,6,6,9,2',6',6',9'-Octamethyl-[8,8]bicyclo[4.1.0]hept-2-ene	410	C30H50	1000189-48-2	50
3		2-Butenal, 2-methyl-4-(2,6,6-trimethyl-1-cyclohexylidene)-	206	C14H22O	003155-71-3	49
4		Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	38
5		Cyclohexane, 1-ethenyl-1-methyl-	204	C15H24	000515-13-9	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010371.D
Acq On : 02 Jun 2017 00:35
Operator : SJ/MA
Sample : I3163-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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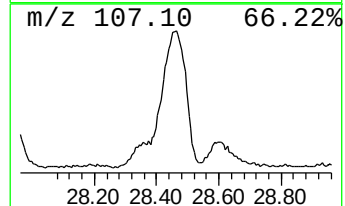
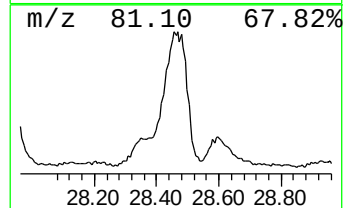
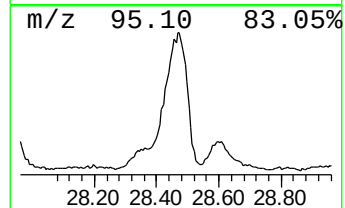
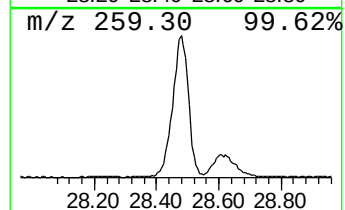
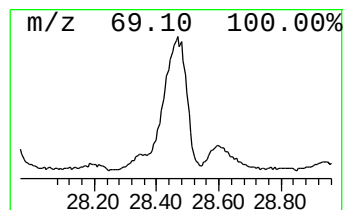
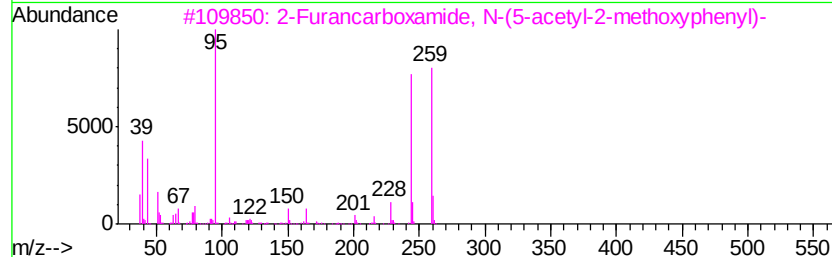
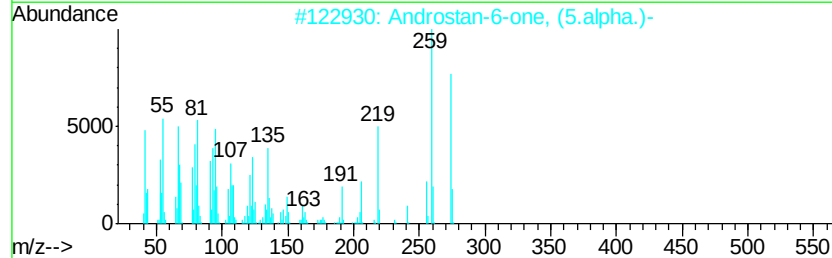
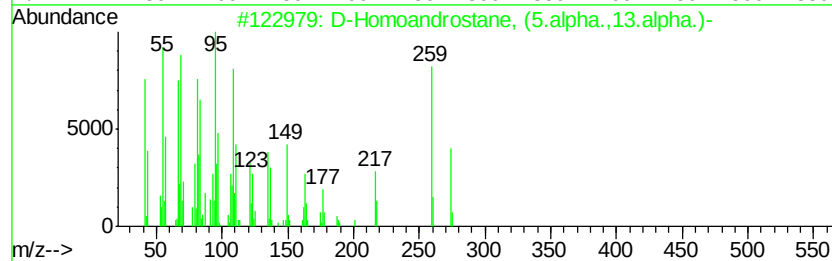
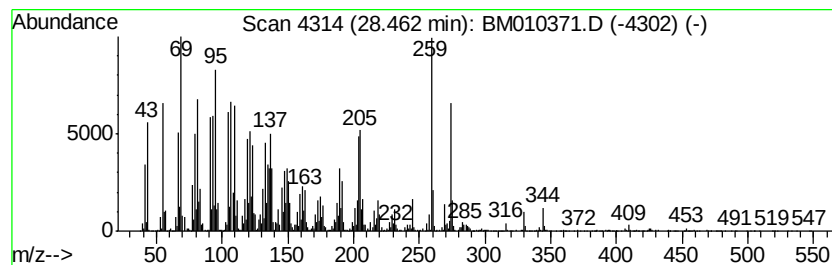
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 D-Homoandrostande, (5.alpha.... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.46	144.19 ng/ul	50086900	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Homoandrostande, (5.alpha.,13.a...	274	C20H34	054482-31-4	70
2		Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	49
3		2-Furancarboxamide, N-(5-acetyl-...	259	C14H13NO4	1000362-83-5	30
4		Farnesyl bromide	284	C15H25Br	006874-67-5	25
5		Androstan-17-one, (5.alpha.)-	274	C19H30O	000963-74-6	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
 Data File : BM010371.D
 Acq On : 02 Jun 2017 00:35
 Operator : SJ/MA
 Sample : I3163-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	18.15	5.2	ng/ul	1263690	4	17.30	4837200	20.0
Octadecanoic acid	19.42	2.1	ng/ul	758395	5	21.46	7295470	20.0
(DEL) Alkane: Str...	20.15	6.8	ng/ul	2494520	5	21.46	7295470	20.0
Eicosanoic acid	20.49	3.1	ng/ul	1115510	5	21.46	7295470	20.0
Oxirane, tetradecyl-	20.83	3.3	ng/ul	1196070	5	21.46	7295470	20.0
Heptacosyl acetate	21.12	44.2	ng/ul	16127800	5	21.46	7295470	20.0
Hexadecanal	21.74	10.1	ng/ul	3672140	5	21.46	7295470	20.0
(DEL) Alkane: Str...	21.99	20.7	ng/ul	7540430	5	21.46	7295470	20.0
(DEL) Alkane: Cyc...	22.03	29.7	ng/ul	10847200	5	21.46	7295470	20.0
Tetracosanoic acid	22.35	4.0	ng/ul	1459490	5	21.46	7295470	20.0
(DEL) Alkane: Cyc...	22.52	3.3	ng/ul	1190080	5	21.46	7295470	20.0
13-Docosen-1-ol, ...	22.71	32.2	ng/ul	11191900	6	23.81	6947440	20.0
(DEL) Alkane: Str...	22.97	11.9	ng/ul	4121700	6	23.81	6947440	20.0
1-Heptacosanol	23.06	36.3	ng/ul	12615500	6	23.81	6947440	20.0
Octadecanal	23.90	10.6	ng/ul	3666400	6	23.81	6947440	20.0
(DEL) Alkane: Str...	24.22	5.8	ng/ul	2007640	6	23.81	6947440	20.0
(DEL) Alkane: Cyc...	24.34	21.1	ng/ul	7334170	6	23.81	6947440	20.0
.gamma.-Sitosterol	26.96	23.2	ng/ul	8053720	6	23.81	6947440	20.0
unknown-01	27.16	102.3	ng/ul	35519200	6	23.81	6947440	20.0
A'-Neogammacer-22...	27.32	21.2	ng/ul	7349070	6	23.81	6947440	20.0
5-Bromo-4-oxo-4,5...	27.59	53.3	ng/ul	18496200	6	23.81	6947440	20.0
6,10-Dimethyl-3-(...	27.94	41.4	ng/ul	14366600	6	23.81	6947440	20.0
D-Homoandrostande,...	28.46	144.2	ng/ul	50086900	6	23.81	6947440	20.0