

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
 Data File : BM010343.D
 Acq On : 31 May 2017 23:44
 Operator : SJ/MA
 Sample : I3164-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSL3

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: BM010346.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.104	676	683	695	rBV2	743359	1530602	10.61%	0.991%
2	7.263	704	710	720	rVB	559354	879787	6.10%	0.570%
3	7.457	737	743	751	rBV	904405	1461450	10.13%	0.946%
4	7.922	812	822	831	rBV	1667312	2717759	18.85%	1.760%
5	8.645	939	945	958	rVB	931752	1582002	10.97%	1.024%
6	9.104	1015	1023	1033	rBV	777171	1316719	9.13%	0.853%
7	9.822	1138	1145	1154	rBV	702573	1188793	8.24%	0.770%
8	10.351	1228	1235	1248	rBV	1053446	1844741	12.79%	1.195%
9	10.727	1290	1299	1308	rBV	2026747	3361922	23.31%	2.177%
10	10.892	1319	1327	1332	rBV2	163940	333316	2.31%	0.216%
11	13.968	1844	1850	1854	rBV	1965436	2669577	18.51%	1.729%
12	14.015	1854	1858	1865	rVB	536635	757877	5.26%	0.491%
13	14.257	1893	1899	1906	rVB	1958247	2905953	20.15%	1.882%
14	14.557	1941	1950	1959	rBV2	2891877	4378992	30.37%	2.836%
15	14.798	1986	1991	2004	rBV	364478	664025	4.60%	0.430%
16	15.545	2111	2118	2125	rBV	2671088	3691899	25.60%	2.391%
17	15.668	2130	2139	2146	rBV	748161	1033424	7.17%	0.669%
18	17.156	2387	2392	2398	rBV6	145948	254302	1.76%	0.165%
19	17.303	2410	2417	2426	rVV	3644709	5160337	35.79%	3.342%
20	17.398	2427	2433	2442	rVV	2829753	3895334	27.01%	2.522%
21	17.486	2444	2448	2453	rVB4	245631	327466	2.27%	0.212%
22	18.033	2536	2541	2545	rBV8	96829	189467	1.31%	0.123%
23	18.150	2556	2561	2569	rBV	784541	1162197	8.06%	0.753%
24	18.327	2587	2591	2595	rVB6	144919	194677	1.35%	0.126%
25	18.456	2607	2613	2622	rVV2	650188	1002317	6.95%	0.649%
26	18.839	2674	2678	2682	rVB7	120766	181820	1.26%	0.118%
27	19.045	2710	2713	2717	rBV4	184997	251613	1.74%	0.163%
28	19.121	2723	2726	2730	rVB2	213214	234710	1.63%	0.152%
29	19.280	2750	2753	2755	rBV2	189560	245670	1.70%	0.159%
30	19.303	2755	2757	2758	rVV2	247769	226467	1.57%	0.147%
31	19.327	2759	2761	2765	rVB4	256276	322023	2.23%	0.209%
32	19.421	2773	2777	2779	rBV2	378854	515780	3.58%	0.334%
33	19.445	2779	2781	2789	rVB3	470980	695305	4.82%	0.450%
34	19.686	2817	2822	2828	rVB	3505993	4675564	32.42%	3.028%

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35	20.103	2889	2893	2897	rBV	717974	788518	5.47%	0.511%
36	20.150	2897	2901	2906	rVV	868870	1127565	7.82%	0.730%
37	20.203	2907	2910	2918	rVB9	304949	439759	3.05%	0.285%
38	20.491	2955	2959	2970	rBV	1368055	2450423	16.99%	1.587%
39	20.627	2978	2982	2991	rVB	768373	1026258	7.12%	0.665%
40	20.833	3014	3017	3022	rBV2	401346	549554	3.81%	0.356%
41	21.127	3060	3067	3076	rBV2	3271333	8081818	56.05%	5.233%
42	21.427	3114	3118	3121	rBV	2808222	3866912	26.82%	2.504%
43	21.462	3121	3124	3132	rVB	6044655	7640432	52.99%	4.947%
44	21.738	3167	3171	3174	rBV	1461305	1663411	11.54%	1.077%
45	21.985	3208	3213	3216	rBV	3605005	5013329	34.77%	3.246%
46	22.027	3216	3220	3243	rVB	3830829	9907244	68.71%	6.415%
47	22.356	3272	3276	3283	rBV	1671168	2686582	18.63%	1.740%
48	22.709	3331	3336	3342	rBV	3608364	4900323	33.98%	3.173%
49	22.974	3377	3381	3388	rVB	1713236	2634215	18.27%	1.706%
50	23.056	3390	3395	3412	rVV	2334642	6271499	43.49%	4.061%
51	23.656	3492	3497	3506	rVB2	2891602	5540251	38.42%	3.588%
52	23.815	3518	3524	3532	rVB	3688639	7126893	49.42%	4.615%
53	23.903	3535	3539	3546	rVB5	943620	1639865	11.37%	1.062%
54	24.221	3590	3593	3600	rVB	804532	1304838	9.05%	0.845%
55	24.332	3607	3612	3630	rVB3	2113365	7284048	50.51%	4.717%
56	26.950	4051	4057	4076	rVB9	1555123	6213231	43.09%	4.023%
57	27.156	4083	4092	4104	rVB3	4469410	14419849	100.00%	9.337%

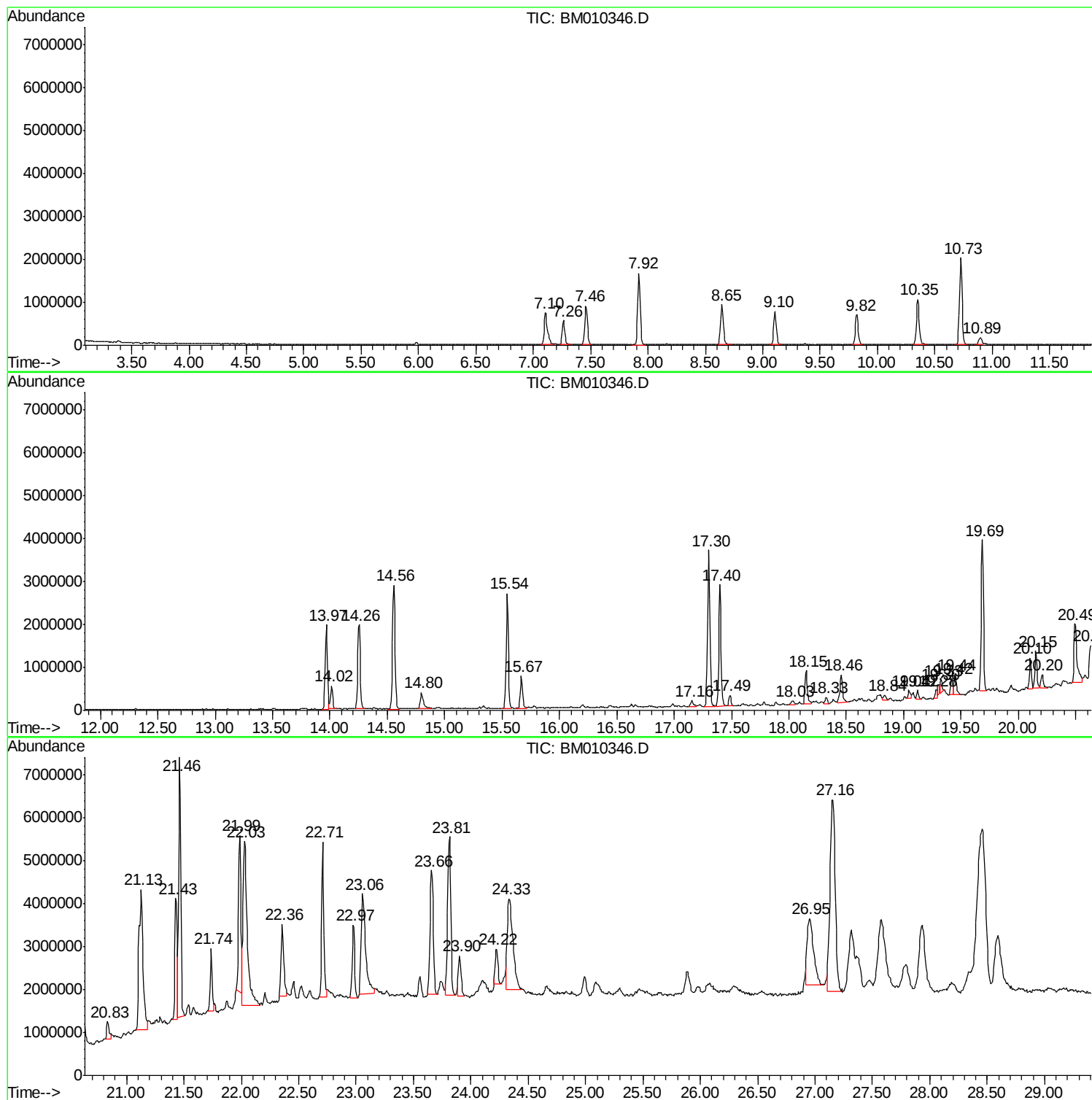
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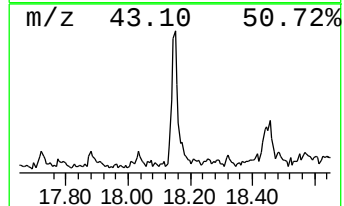
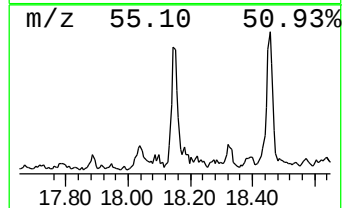
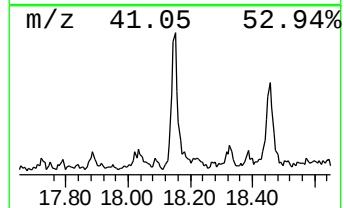
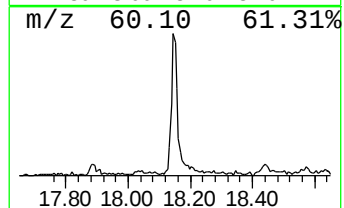
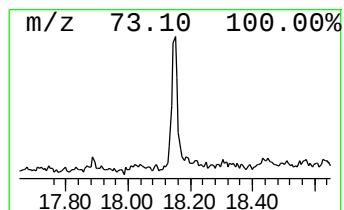
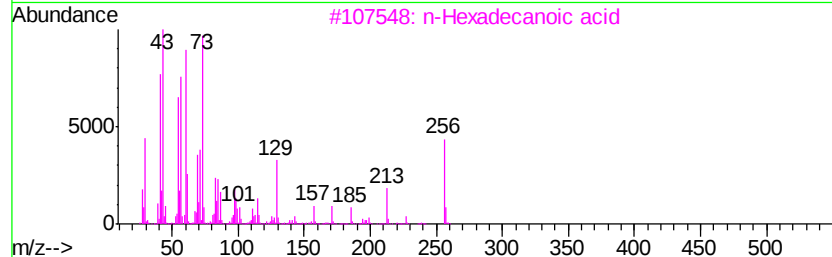
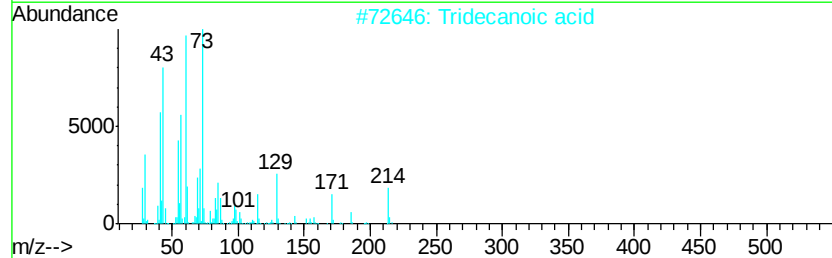
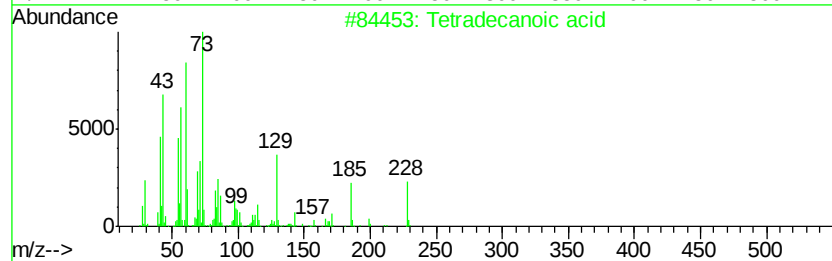
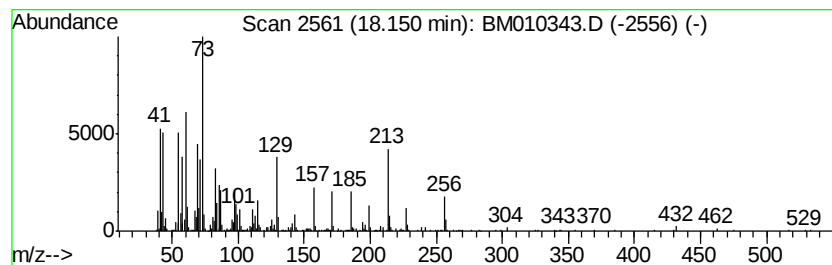
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetradecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.15	4.50 ng/ul	1162200	Phenanthrene-d10	17.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	60
5		Tridecanoic acid	214	C13H26O2	000638-53-9	60



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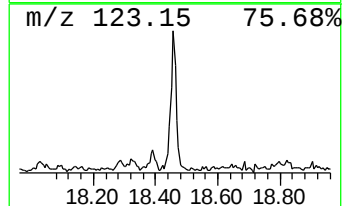
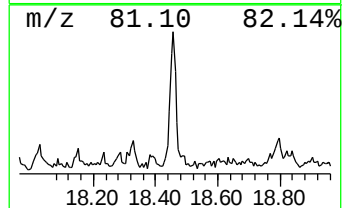
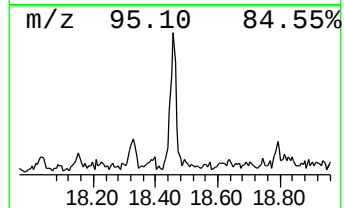
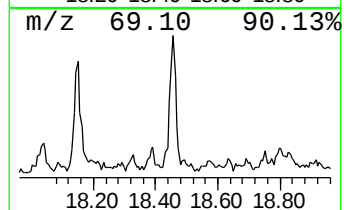
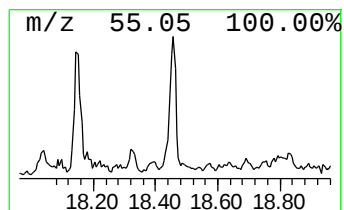
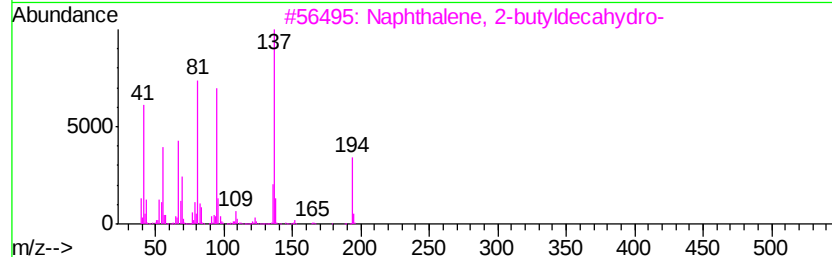
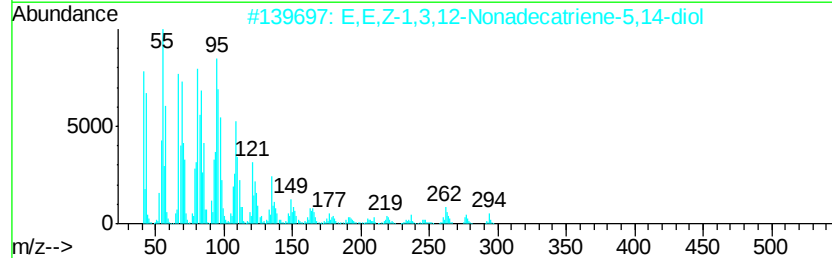
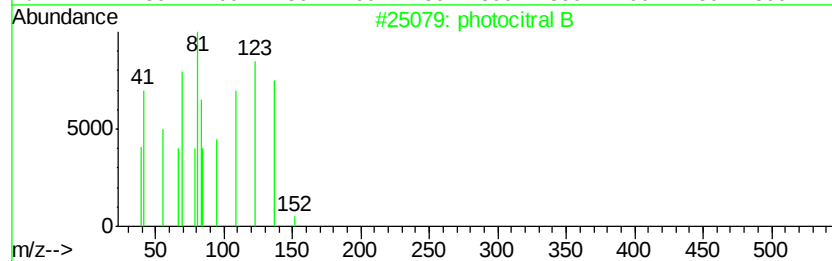
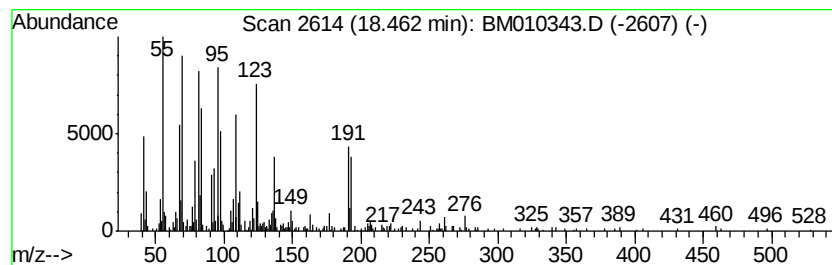
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 photocitral B Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	3.88 ng/ul	1002320	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	photocitral B	152	C10H16O	006040-45-5	76
2		E,E,Z-1,3,12-Nonadecatriene-5,14...	294	C19H34O2	1000131-11-4	62
3		Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	46
4		1,4-Undecadiene, (Z)-	152	C11H20	055976-14-2	43
5		6-Oxo-6H-pyran-3-carboxylic acid...	276	C14H16N2O4	1000303-07-3	25



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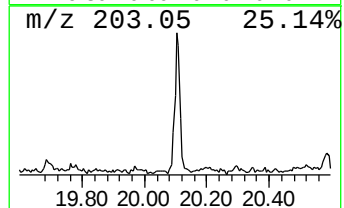
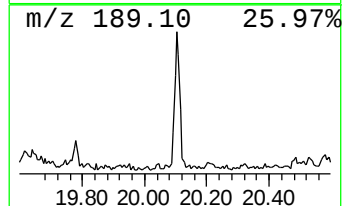
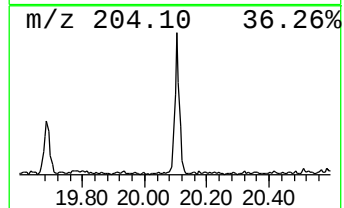
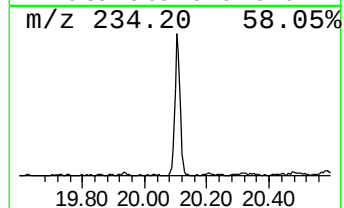
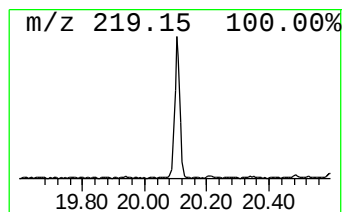
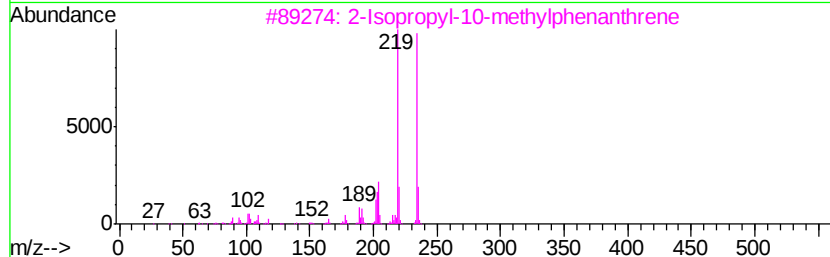
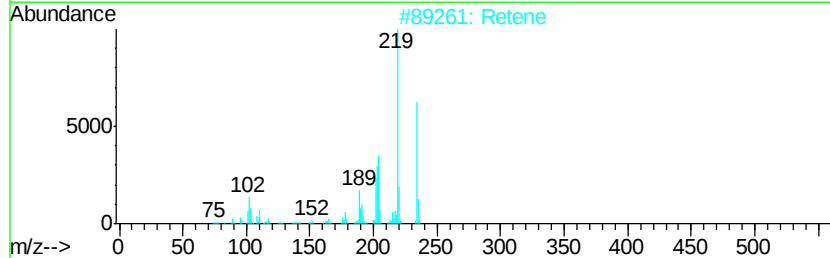
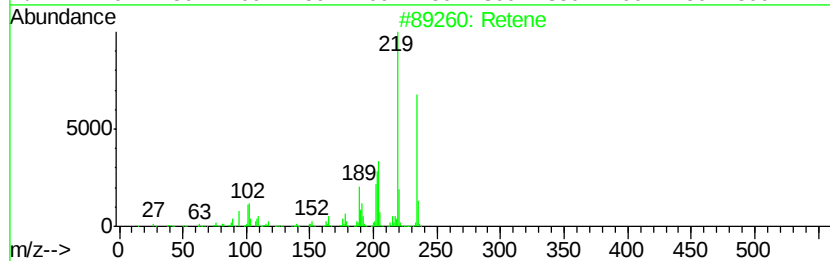
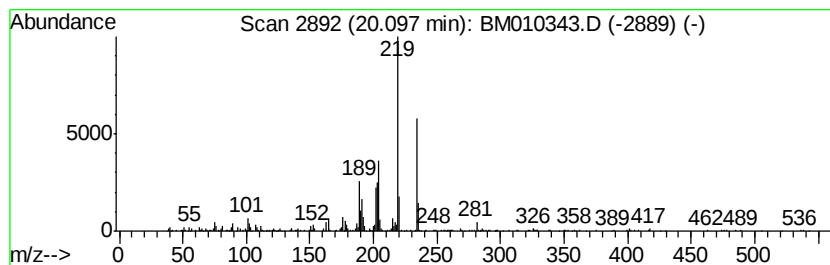
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Retene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.06 ng/ul	788518	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	95
2		Retene	234	C18H18	000483-65-8	95
3		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
4		Retene	234	C18H18	000483-65-8	93
5		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89



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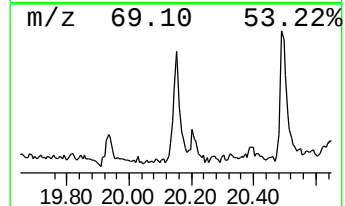
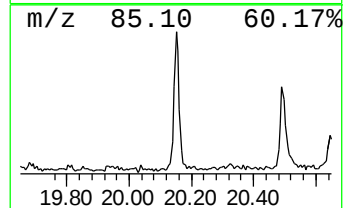
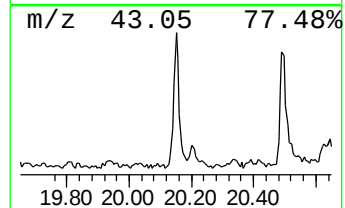
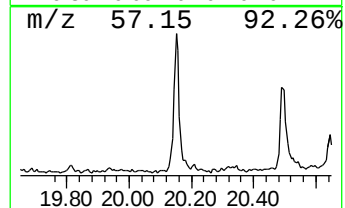
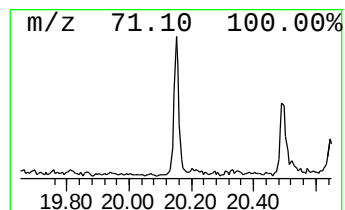
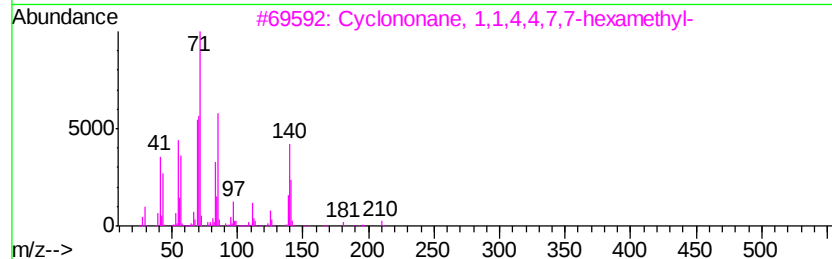
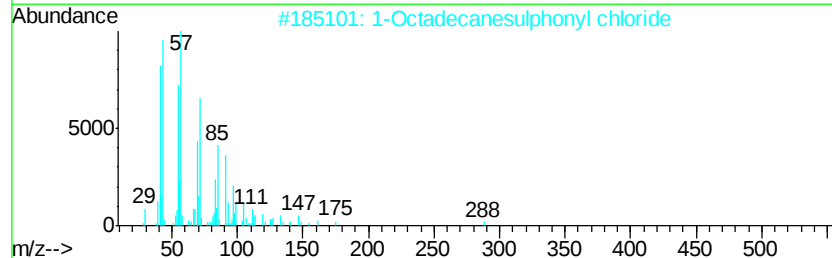
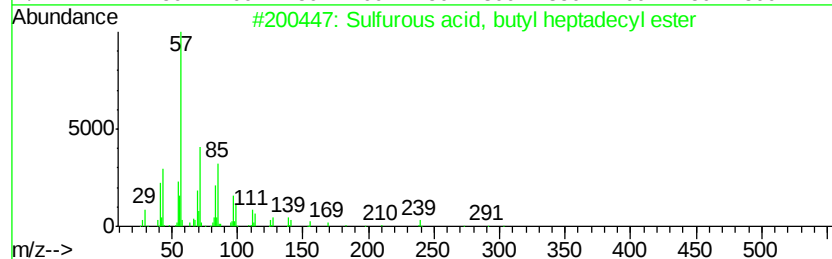
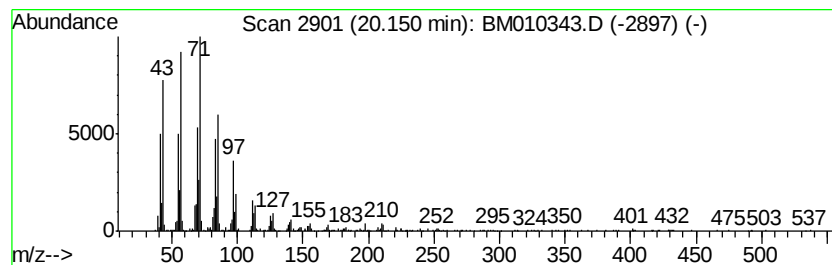
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Sulfurous acid, butyl hepta... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	2.95 ng/ul	1127570	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
3		Cyclononane, 1,1,4,4,7,7-hexamet...	210	C15H30	149331-19-1	62
4		1-Octadecene	252	C18H36	000112-88-9	59
5		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	58



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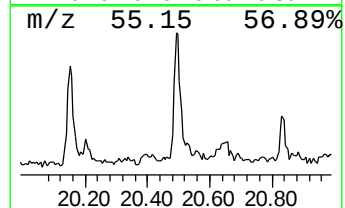
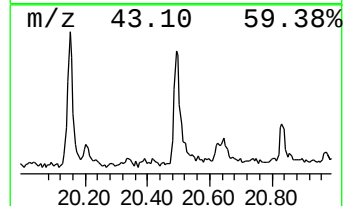
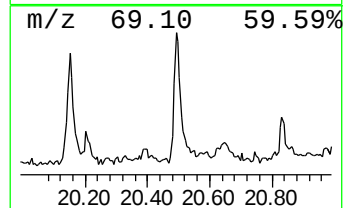
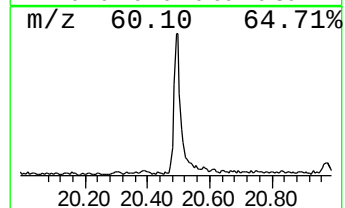
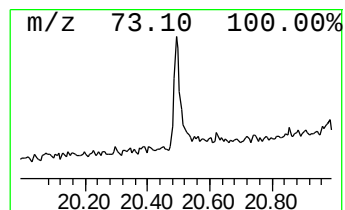
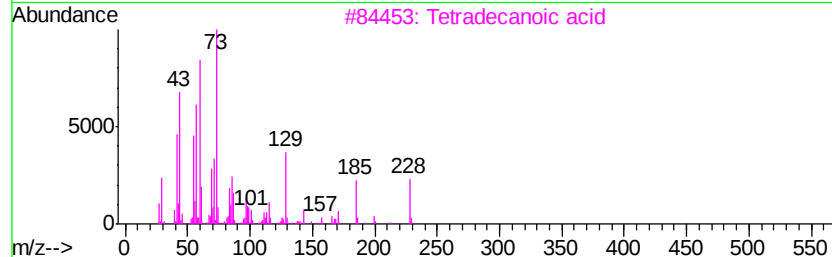
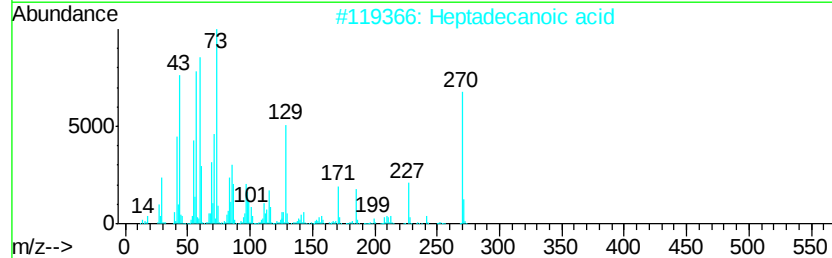
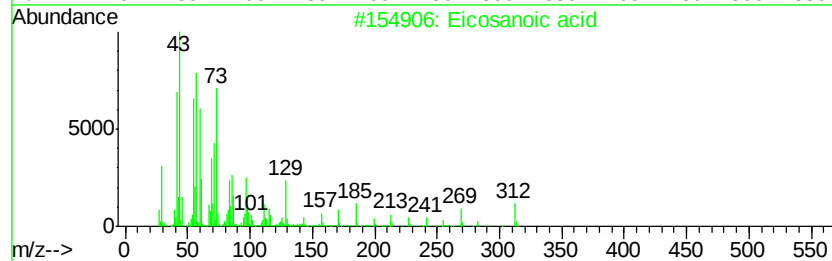
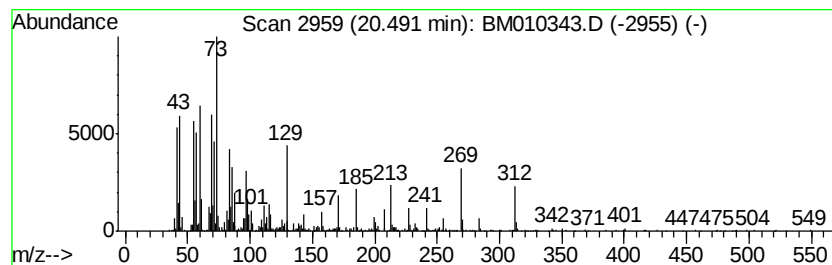
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Eicosanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.49	6.41 ng/ul	2450420	Chrysene-d12		21.46
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid	312	C20H40O2	000506-30-9	98
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Eicosanoic acid	312	C20H40O2	000506-30-9	68
5	Octadecanoic acid	284	C18H36O2	000057-11-4	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010343.D
Acq On : 31 May 2017 23:44
Operator : SJ/MA
Sample : I3164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSL3

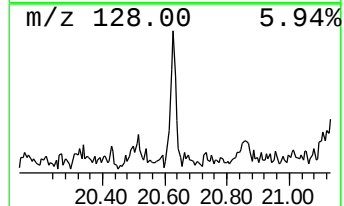
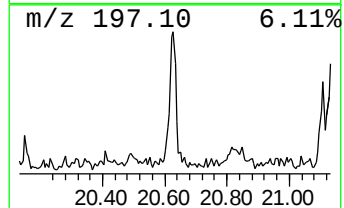
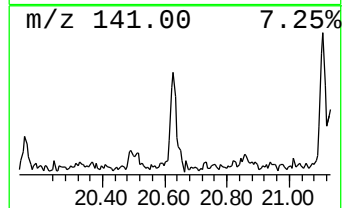
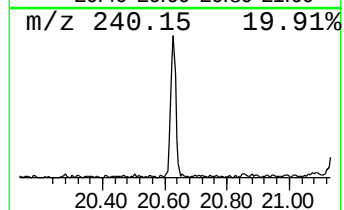
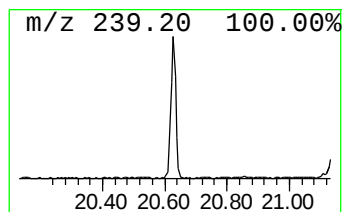
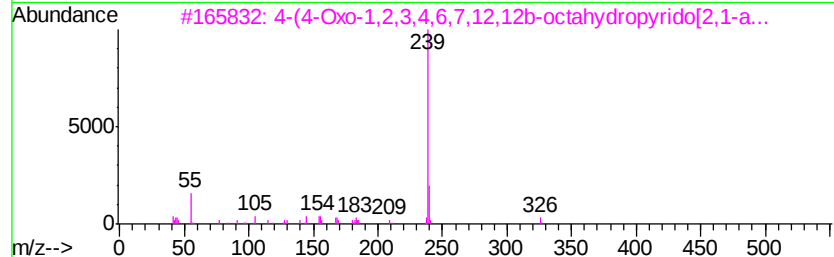
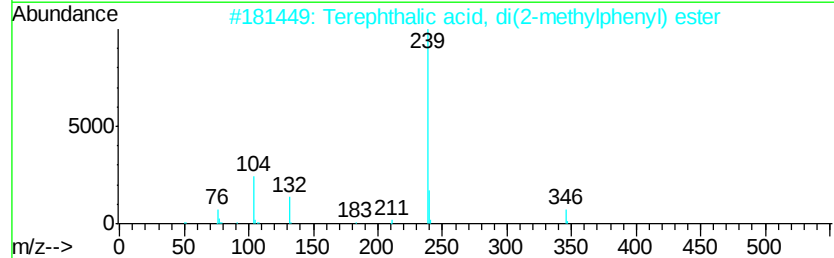
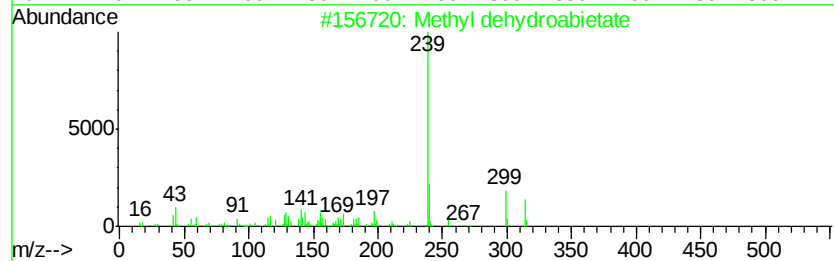
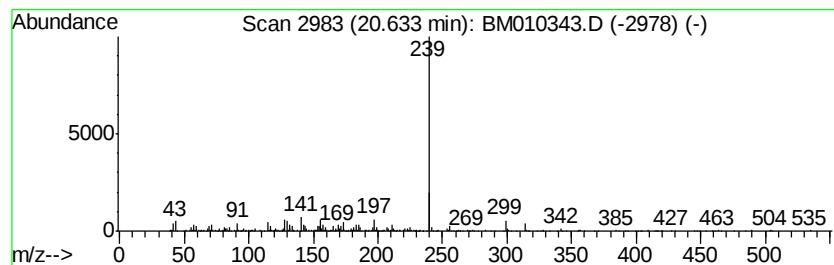
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Methyl dehydroabietate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	2.69 ng/ul	1026260	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl dehydroabietate	314	C21H30O2	001235-74-1	93
2		Terephthalic acid, di(2-methylph...	346	C22H18O4	1000323-60-7	64
3		4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	64
4		Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	64
5		trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
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Sample : I3164-07
Misc :
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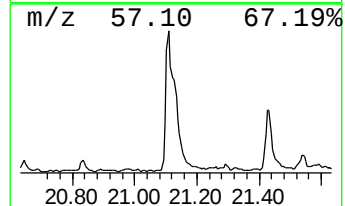
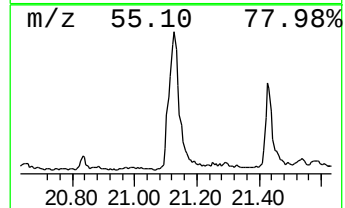
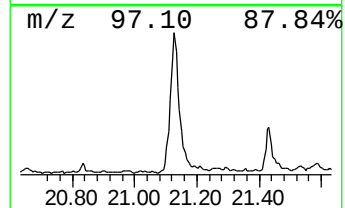
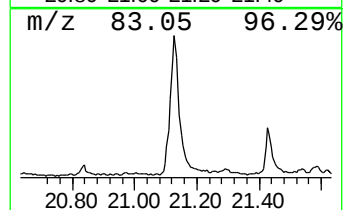
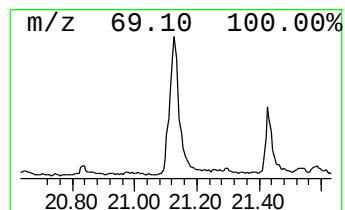
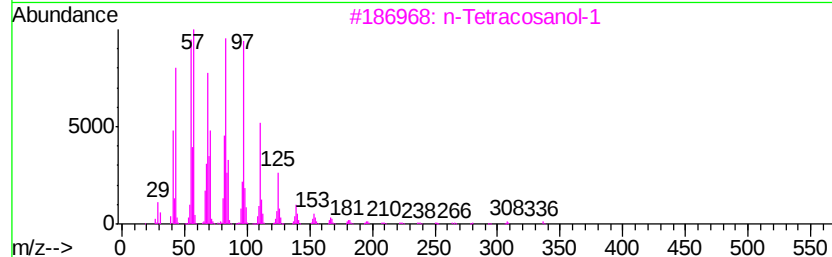
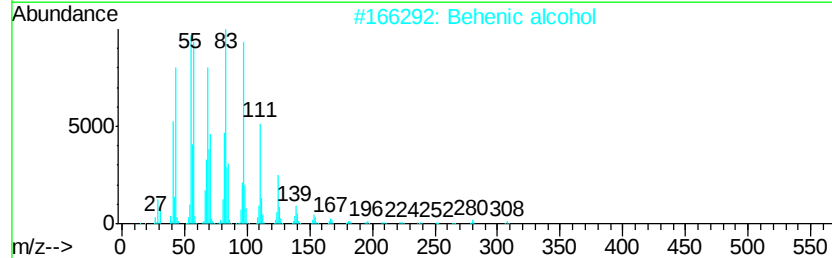
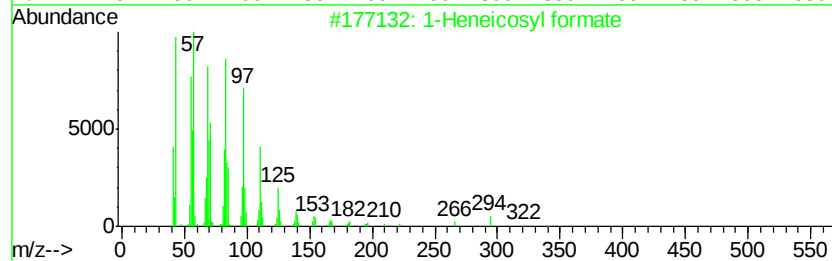
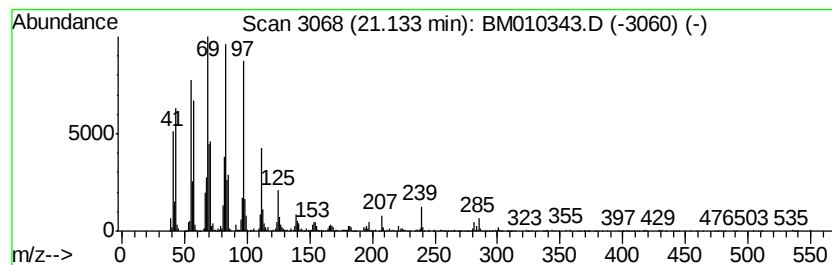
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	21.16 ng/ul	8081820	Chrysene-d12	21.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Heneicosyl formate	340 C22H44O2	077899-03-7 91
2		Behenic alcohol	326 C22H46O	000661-19-8 89
3		n-Tetracosanol-1	354 C24H50O	000506-51-4 89
4		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 81
5		n-Nonadecanol-1	284 C19H40O	001454-84-8 81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010343.D
Acq On : 31 May 2017 23:44
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Sample : I3164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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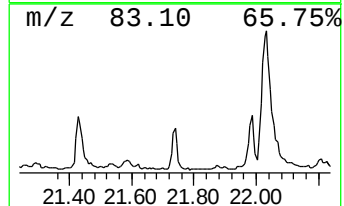
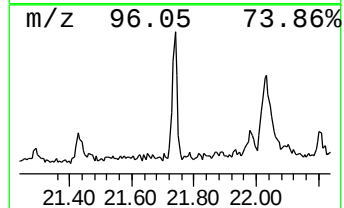
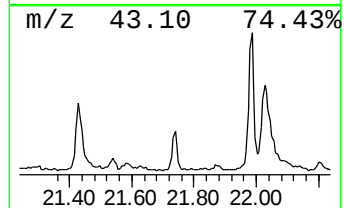
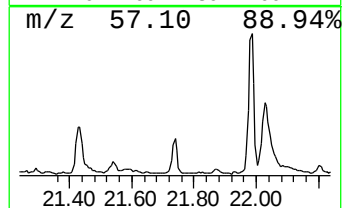
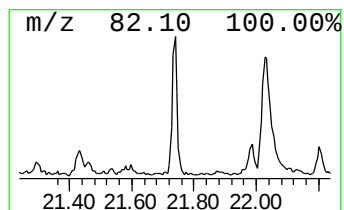
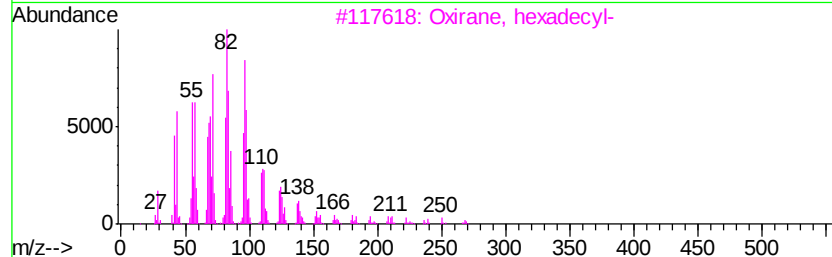
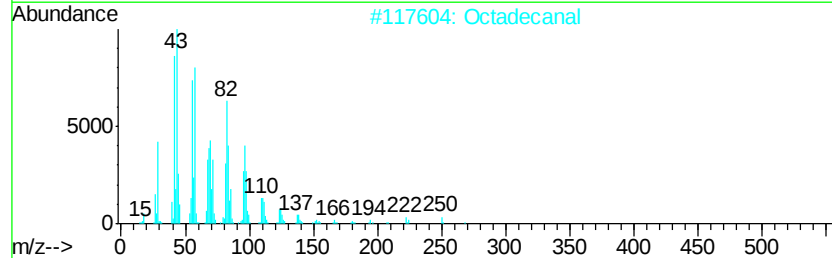
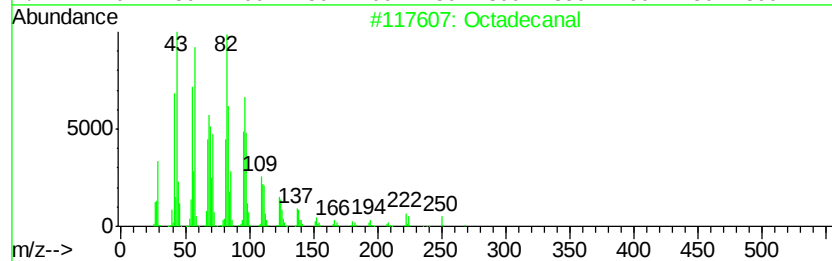
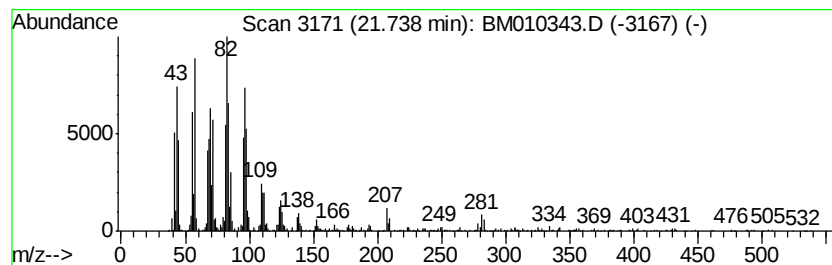
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Octadecanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	4.35 ng/ul	1663410	Chrysene-d12	21.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal		268	C18H36O	000638-66-4	96
2	Octadecanal		268	C18H36O	000638-66-4	94
3	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	94
4	Heptadecanal		254	C17H34O	1000376-70-0	94
5	Oxirane, heptadecyl-		282	C19H38O	067860-04-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010343.D
Acq On : 31 May 2017 23:44
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Misc :
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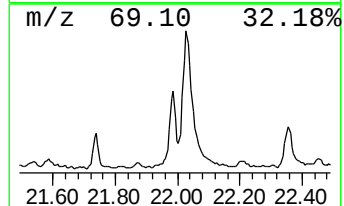
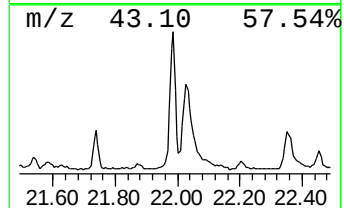
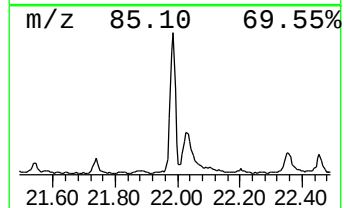
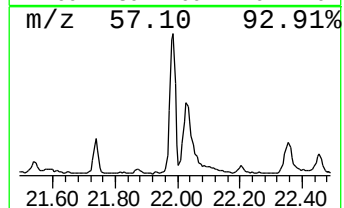
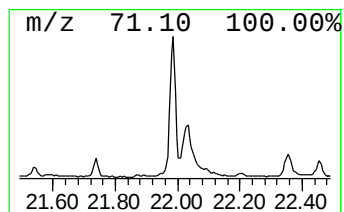
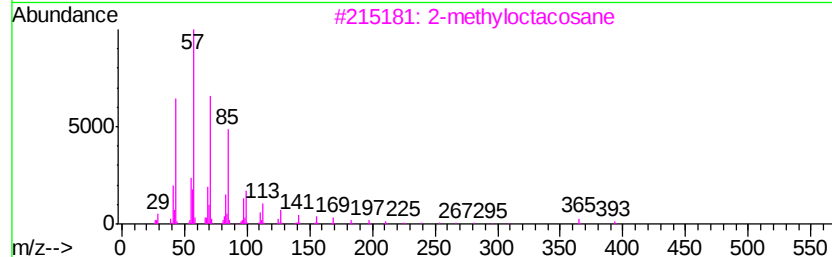
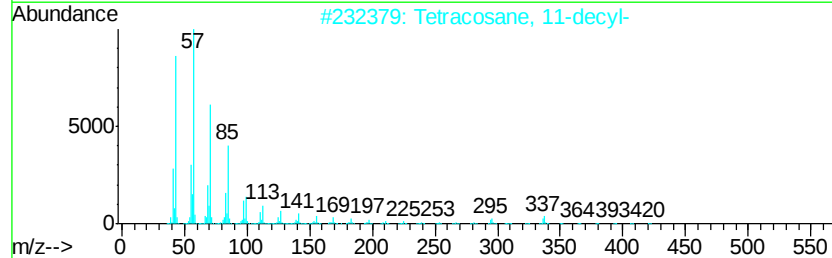
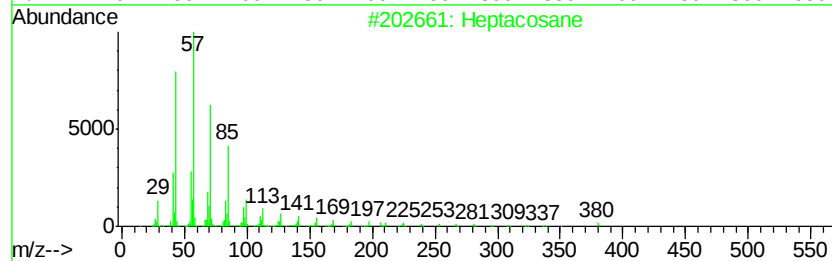
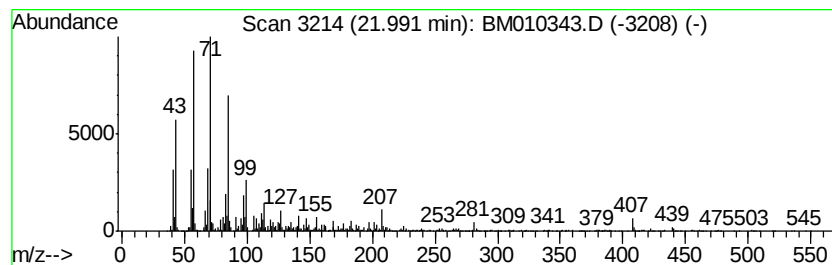
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	13.12 ng/ul	5013330	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	83
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
3		2-methyloctacosane	408	C29H60	1000376-72-8	83
4		Hentriacontane	437	C31H64	000630-04-6	83
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010343.D
Acq On : 31 May 2017 23:44
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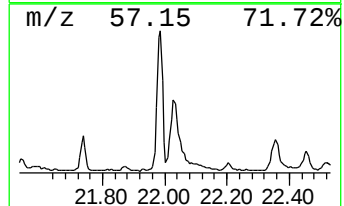
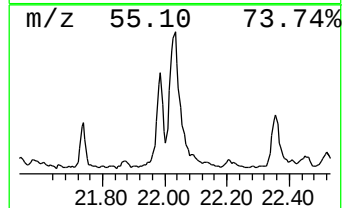
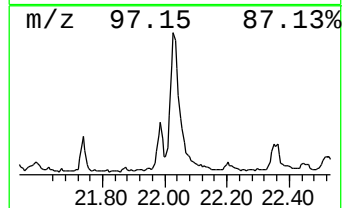
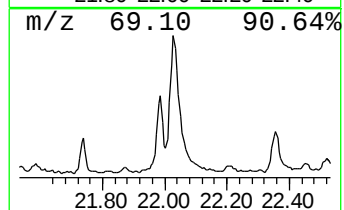
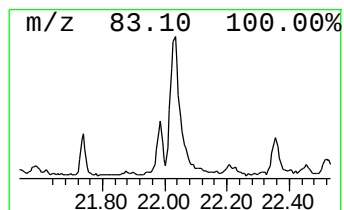
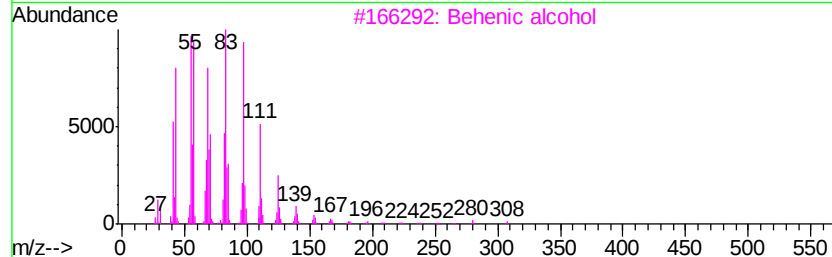
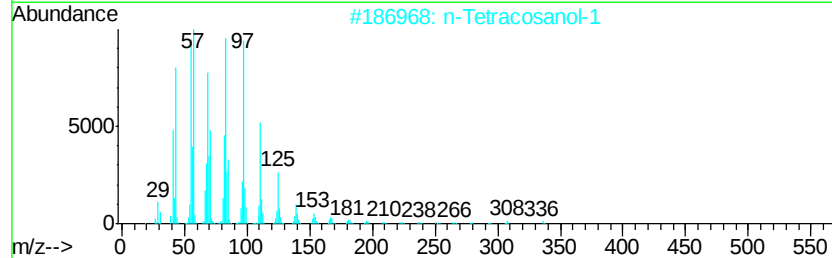
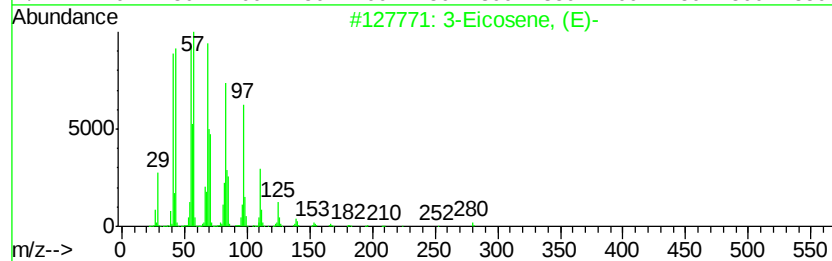
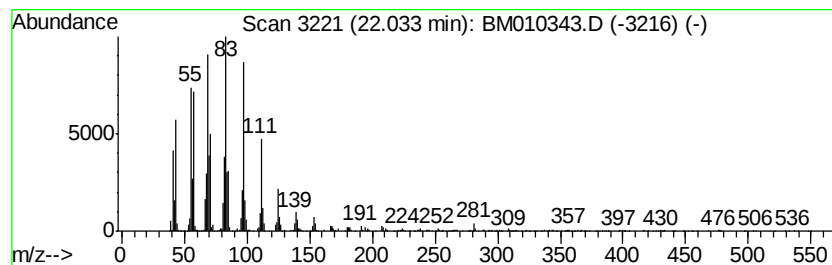
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic22.03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	25.93 ng/ul	9907240	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		Behenic alcohol	326	C22H46O	000661-19-8	90
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
5		1-Heneicosanol	312	C21H44O	015594-90-8	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010343.D
Acq On : 31 May 2017 23:44
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Misc :
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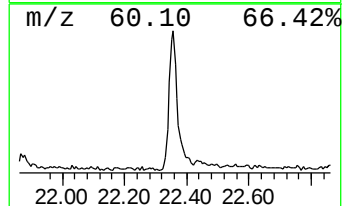
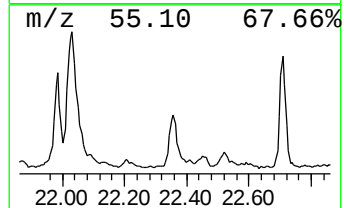
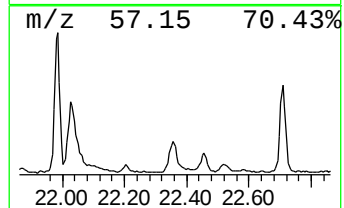
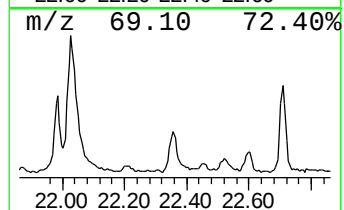
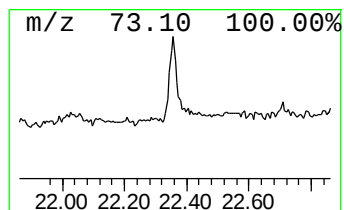
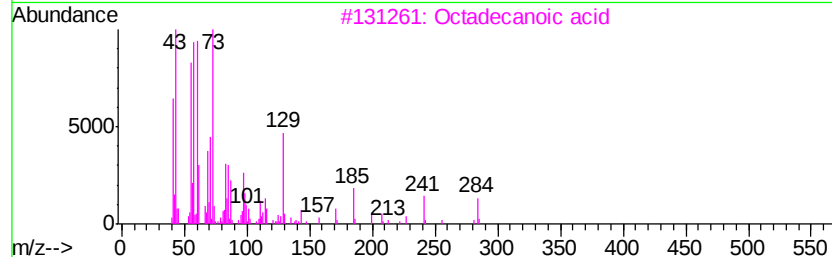
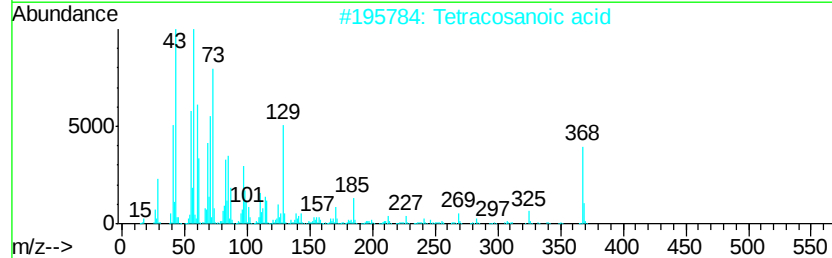
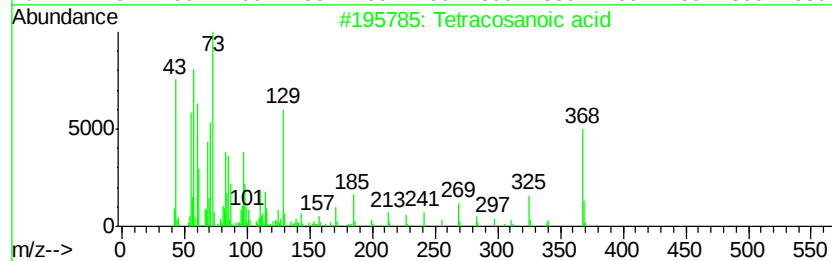
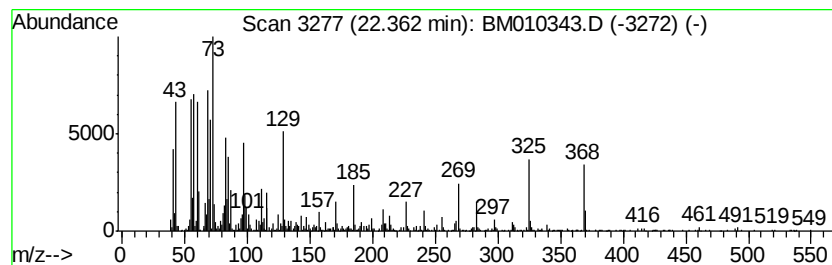
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Tetracosanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	7.03 ng/ul	2686580	Chrysene-d12	21.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanoic acid	368	C24H48O2	000557-59-5	98
2			Tetracosanoic acid	368	C24H48O2	000557-59-5	83
3			Octadecanoic acid	284	C18H36O2	000057-11-4	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5			n-Decanoic acid	172	C10H20O2	000334-48-5	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010343.D
Acq On : 31 May 2017 23:44
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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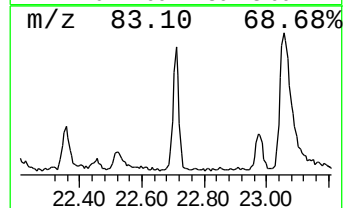
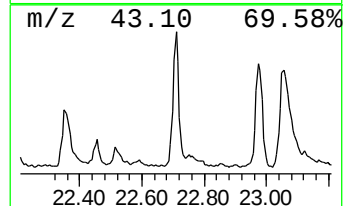
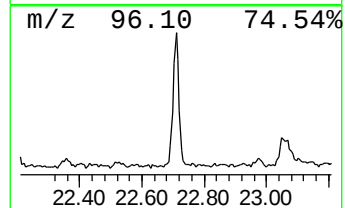
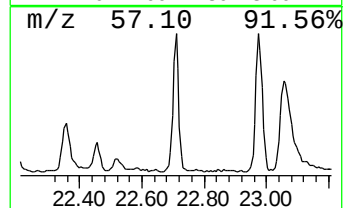
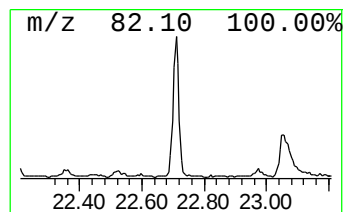
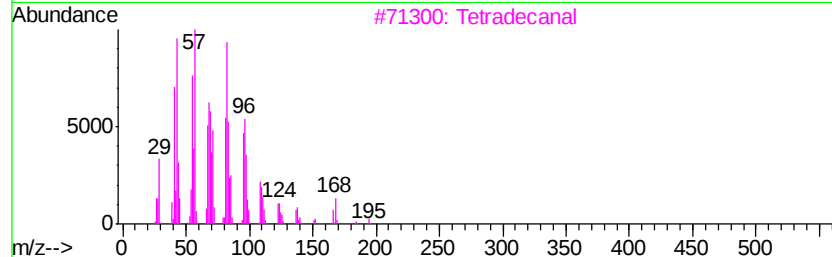
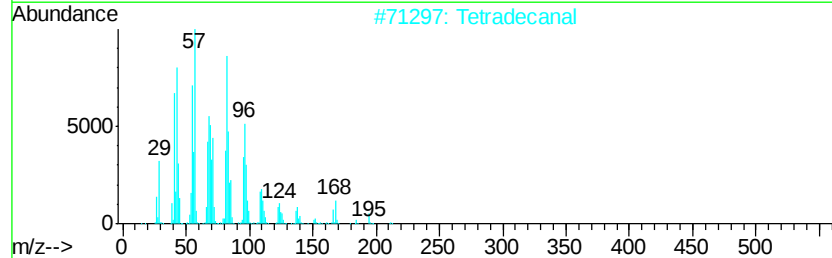
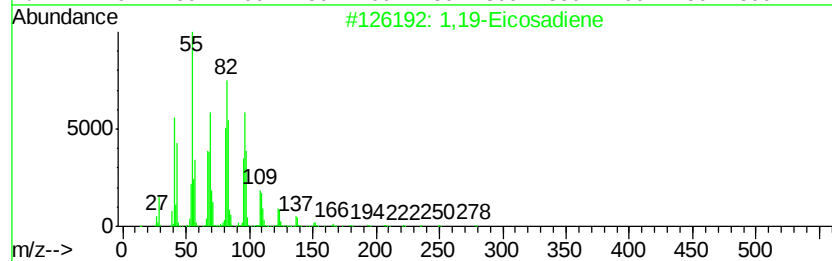
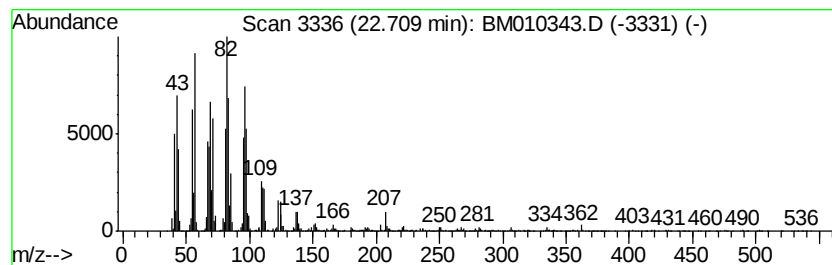
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,19-Eicosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	13.75 ng/ul	4900320	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2		Tetradecanal	212	C14H28O	000124-25-4	94
3		Tetradecanal	212	C14H28O	000124-25-4	94
4		Oleyl alcohol, methyl ether	282	C19H38O	1000352-68-0	93
5		1,22-Docosanediol	342	C22H46O2	022513-81-1	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010343.D
Acq On : 31 May 2017 23:44
Operator : SJ/MA
Sample : I3164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

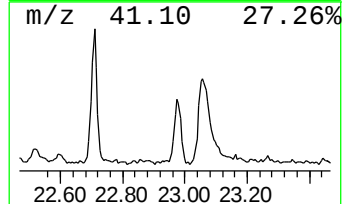
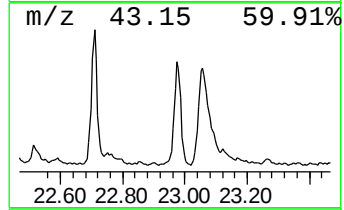
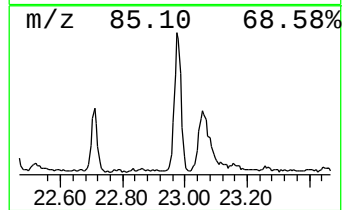
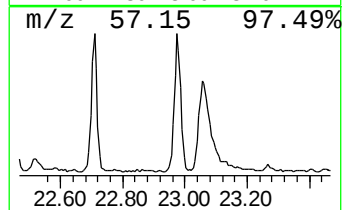
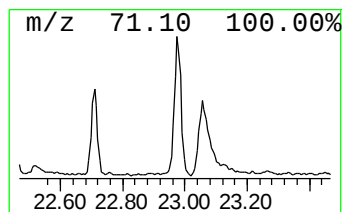
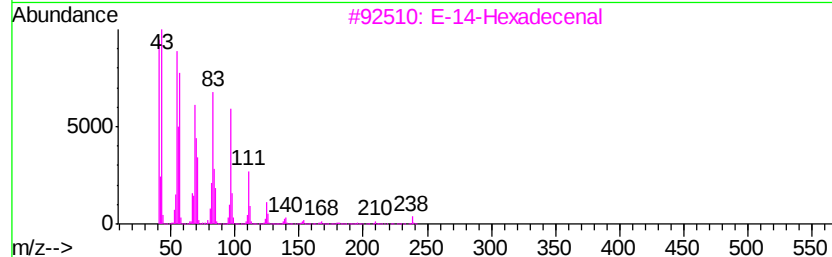
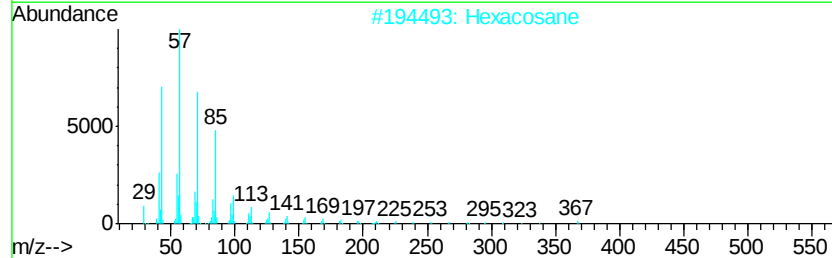
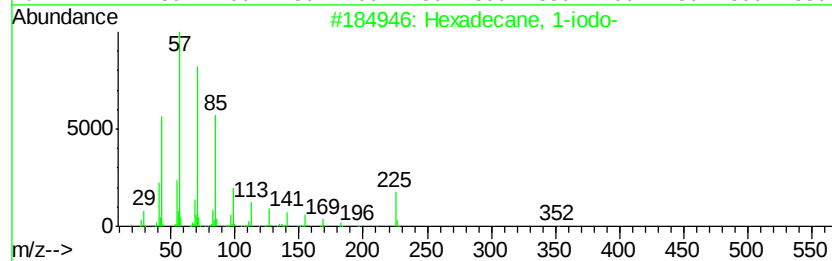
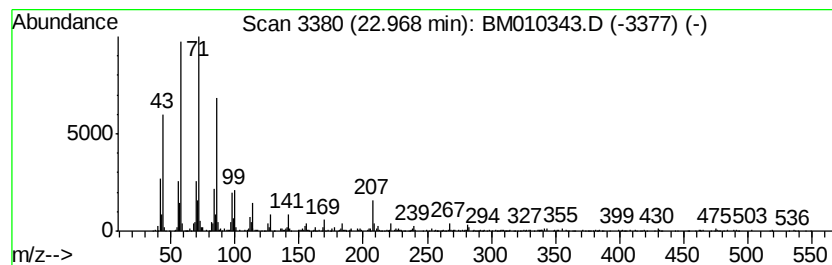
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Hexadecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	7.39 ng/ul	2634220	Perylene-d12	23.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane, 1-iodo-	352 C16H33I	000544-77-4	95
2	Hexacosane	366 C26H54	000630-01-3	90
3	E-14-Hexadecenal	238 C16H30O	330207-53-9	90
4	Tetratetracontane	619 C44H90	007098-22-8	87
5	Heptacosane	380 C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010343.D
Acq On : 31 May 2017 23:44
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Sample : I3164-07
Misc :
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Instrument :
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ClientSampleId :
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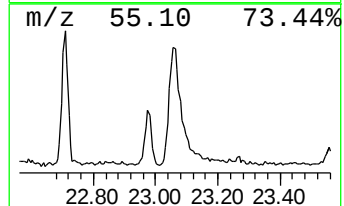
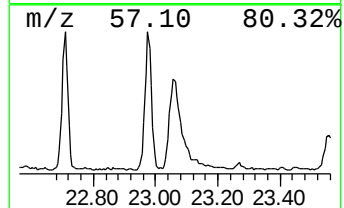
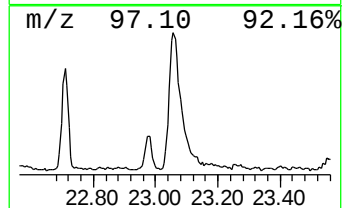
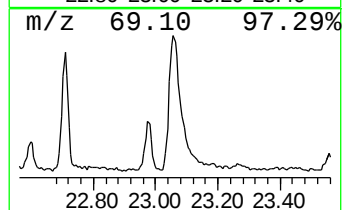
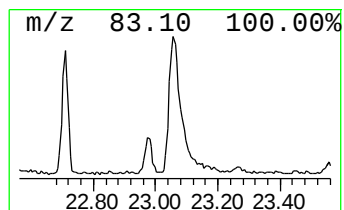
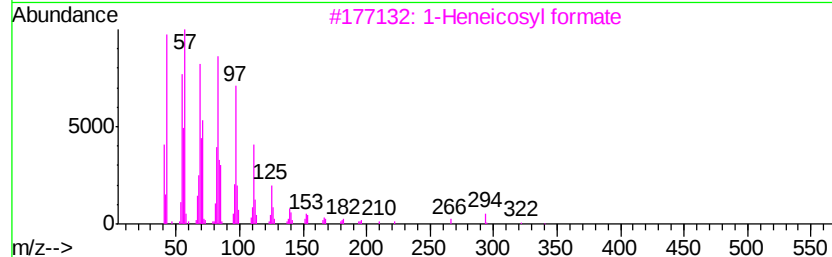
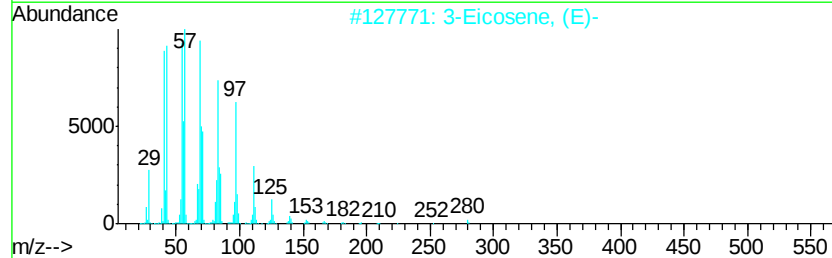
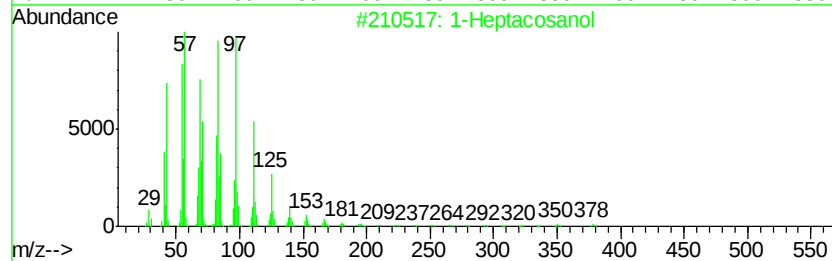
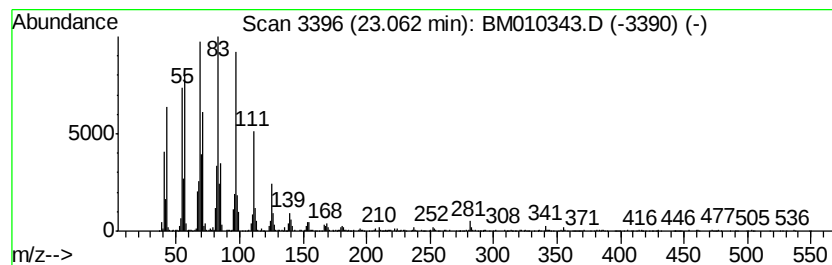
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	17.60 ng/ul	6271500	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	93
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	83
4		Behenic alcohol	326	C22H46O	000661-19-8	81
5		1-Heneicosanol	312	C21H44O	015594-90-8	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010343.D
Acq On : 31 May 2017 23:44
Operator : SJ/MA
Sample : I3164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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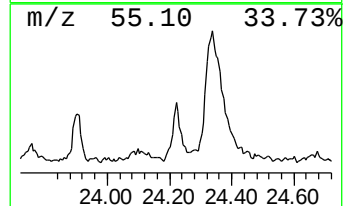
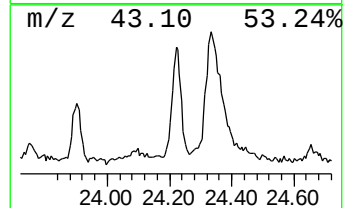
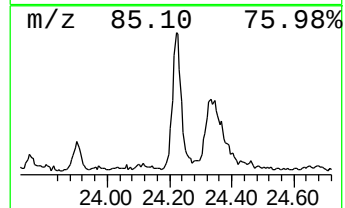
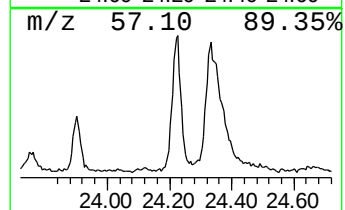
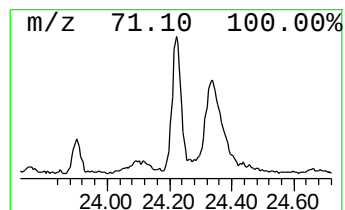
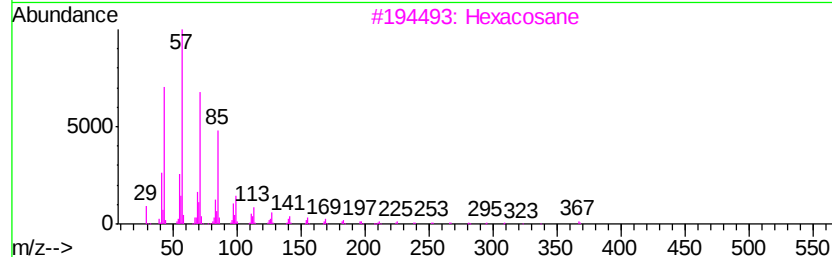
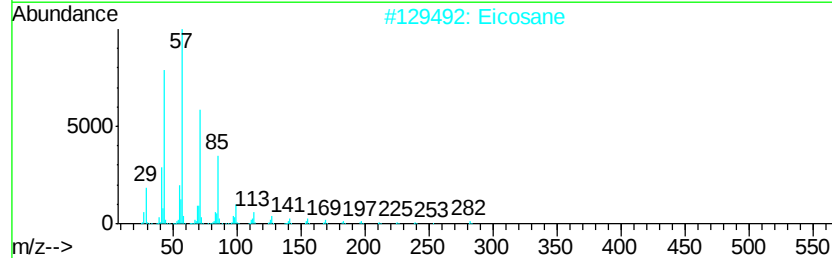
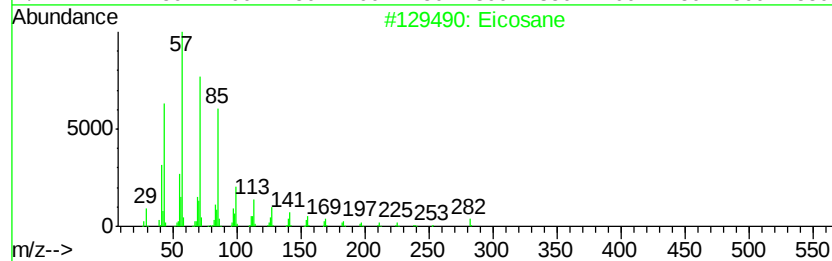
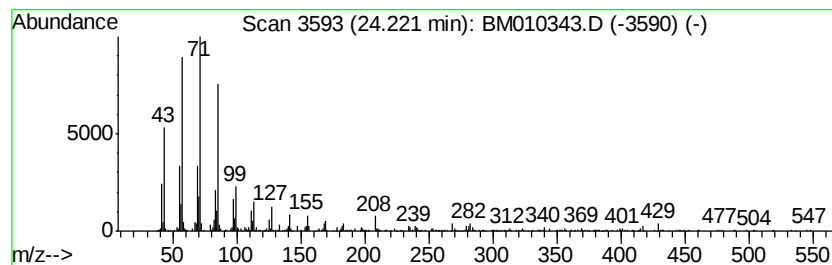
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	3.66 ng/ul	1304840	Perylene-d12	23.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	93
2	Eicosane			282	C20H42	000112-95-8	87
3	Hexacosane			366	C26H54	000630-01-3	87
4	Heptadecane, 9-octyl-			352	C25H52	007225-64-1	87
5	2-methyloctacosane			408	C29H60	1000376-72-8	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
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Acq On : 31 May 2017 23:44
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Sample : I3164-07
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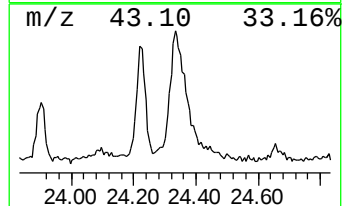
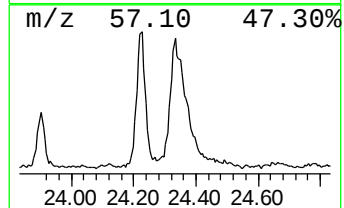
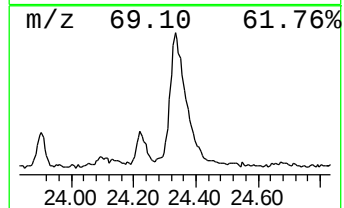
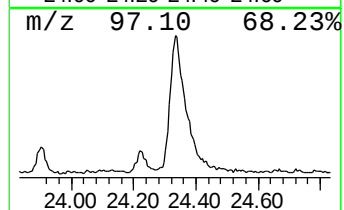
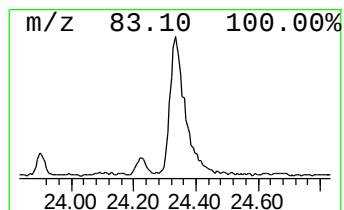
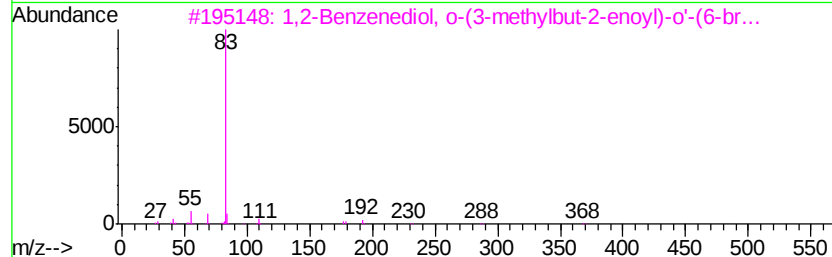
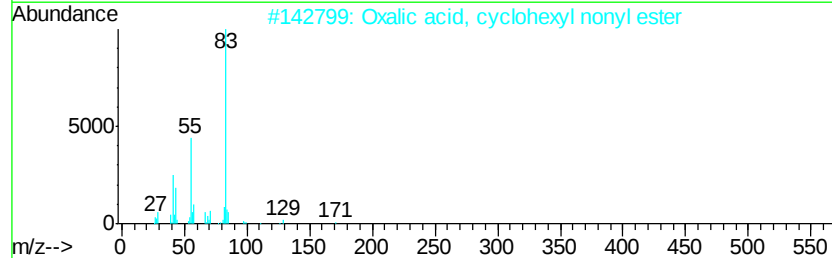
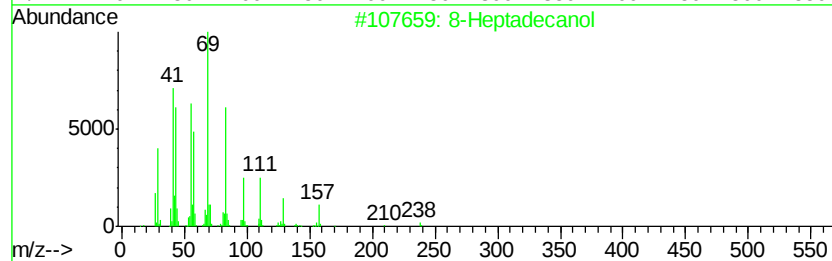
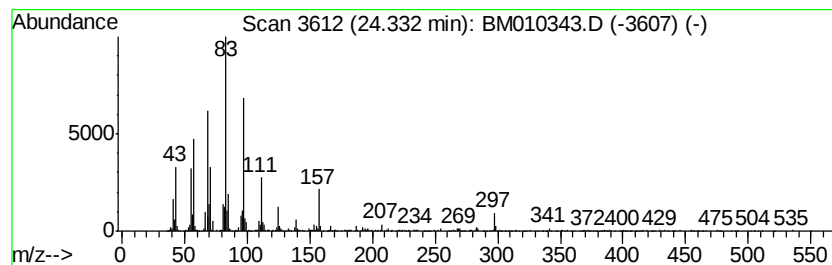
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 8-Heptadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.33	20.44 ng/ul	7284050	Perylene-d12	23.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	8-Heptadecanol	256 C17H36O	002541-75-5	59
2	Oxalic acid, cyclohexyl nonyl ester	298 C17H30O4	1000309-31-1	27
3	1,2-Benzenediol, o-(3-methylbut-...	368 C17H21BrO4	1000325-91-0	27
4	Isocitronellol	156 C10H20O	018479-52-2	27
5	Sulfurous acid, cyclohexylmethyl...	402 C23H46O3S	1000309-22-4	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010343.D
Acq On : 31 May 2017 23:44
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Sample : I3164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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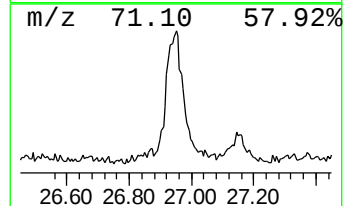
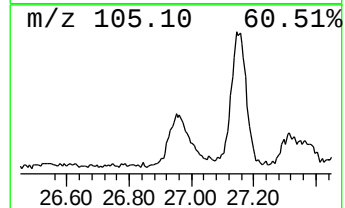
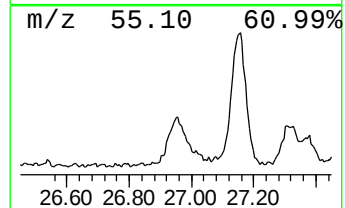
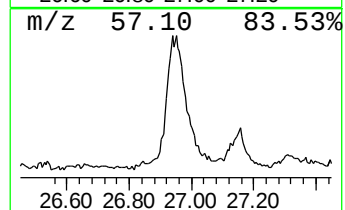
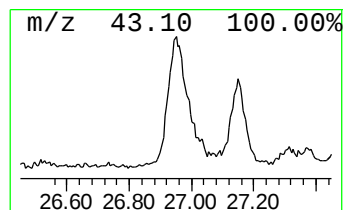
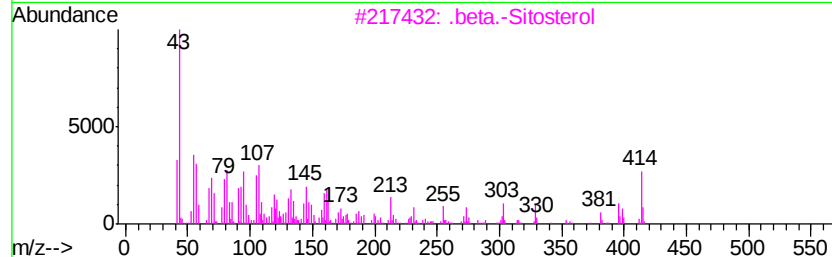
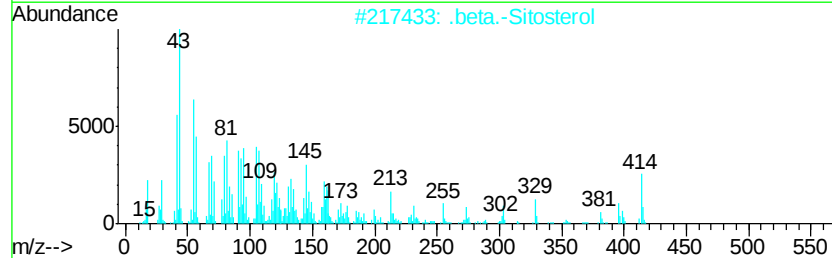
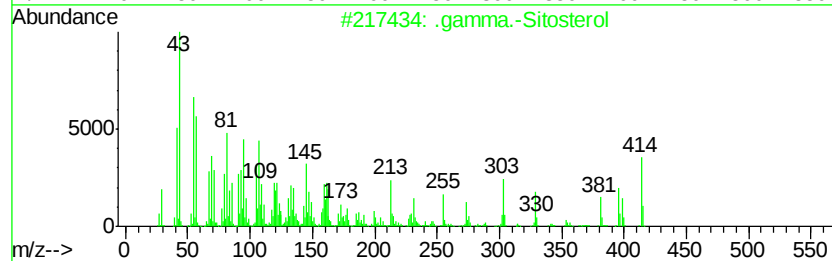
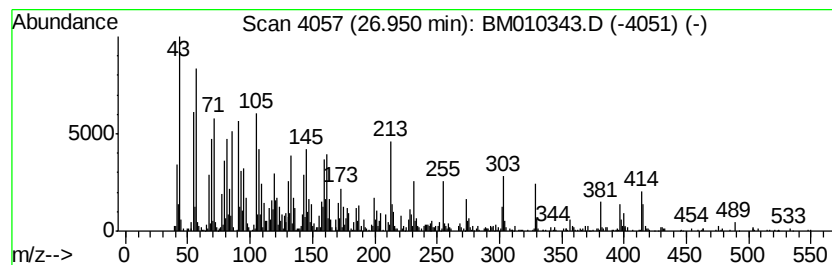
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.95	17.44 ng/ul	6213230	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	86
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	66
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	60
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	47
5		Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	42



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010343.D
Acq On : 31 May 2017 23:44
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Sample : I3164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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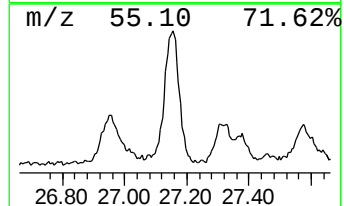
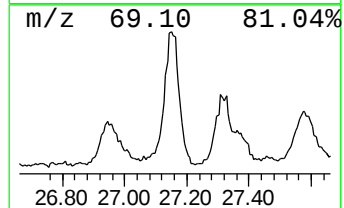
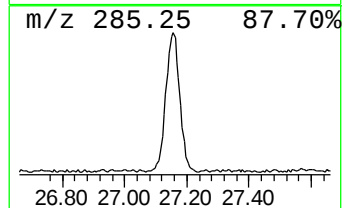
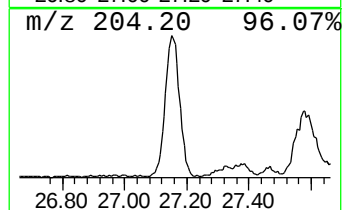
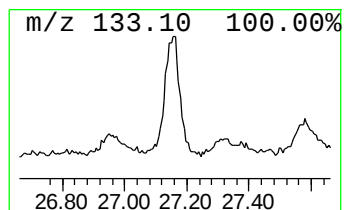
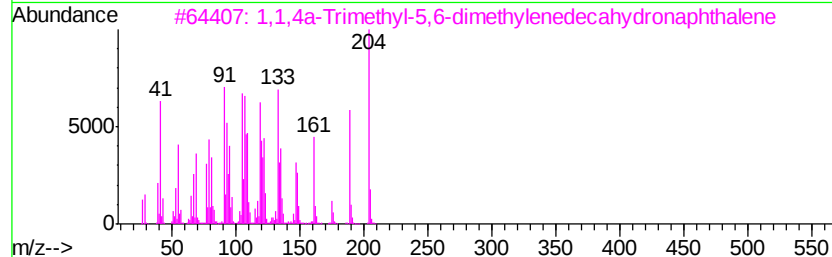
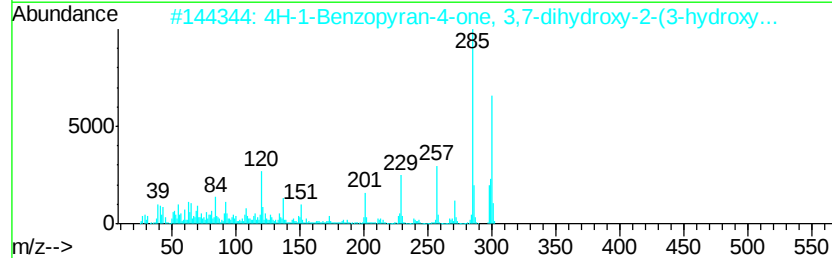
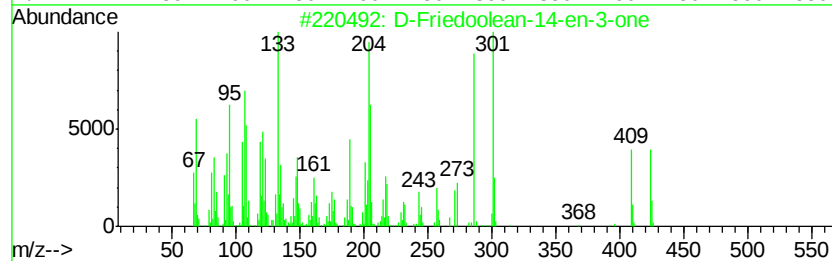
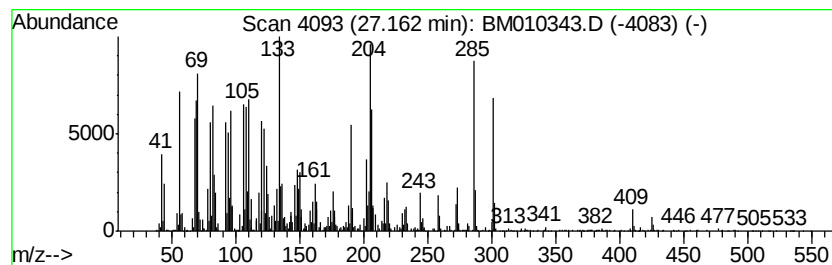
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	40.47 ng/ul	14419800	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	46
2		4H-1-Benzopyran-4-one, 3,7-dihyd...	300	C16H12O6	057396-72-2	45
3		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
4		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	38
5		.gamma.-HIMACHALENE	204	C15H24	1000140-08-0	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
 Data File : BM010343.D
 Acq On : 31 May 2017 23:44
 Operator : SJ/MA
 Sample : I3164-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSL3

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	4.5	ng/ul	1162200	4	17.30	5160340	20.0
photocitral B	18.46	3.9	ng/ul	1002320	4	17.30	5160340	20.0
Retene	20.10	2.1	ng/ul	788518	5	21.46	7640430	20.0
Sulfurous acid, b...	20.15	3.0	ng/ul	1127570	5	21.46	7640430	20.0
Eicosanoic acid	20.49	6.4	ng/ul	2450420	5	21.46	7640430	20.0
Methyl dehydroabi...	20.63	2.7	ng/ul	1026260	5	21.46	7640430	20.0
1-Heneicosyl formate	21.13	21.2	ng/ul	8081820	5	21.46	7640430	20.0
Octadecanal	21.74	4.3	ng/ul	1663410	5	21.46	7640430	20.0
(DEL) Alkane: Str...	21.99	13.1	ng/ul	5013330	5	21.46	7640430	20.0
(DEL) Alkane: Cyc...	22.03	25.9	ng/ul	9907240	5	21.46	7640430	20.0
Tetracosanoic acid	22.36	7.0	ng/ul	2686580	5	21.46	7640430	20.0
1,19-Eicosadiene	22.71	13.8	ng/ul	4900320	6	23.81	7126890	20.0
Hexadecane, 1-iodo-	22.97	7.4	ng/ul	2634220	6	23.81	7126890	20.0
1-Heptacosanol	23.06	17.6	ng/ul	6271500	6	23.81	7126890	20.0
(DEL) Alkane: Str...	24.22	3.7	ng/ul	1304840	6	23.81	7126890	20.0
8-Heptadecanol	24.33	20.4	ng/ul	7284050	6	23.81	7126890	20.0
.gamma.-Sitosterol	26.95	17.4	ng/ul	6213230	6	23.81	7126890	20.0
unknown-01	27.16	40.5	ng/ul	14419800	6	23.81	7126890	20.0