

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
 Data File : BM013539.D
 Acq On : 26 Dec 2017 17:50
 Operator : SJ/JU
 Sample : I7046-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FL8

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-BM113017.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.851	633	640	652	rVB2	730420	1389194	6.83%	0.903%
2	7.010	661	667	674	rBV	555853	834031	4.10%	0.542%
3	7.204	693	700	711	rBV	764981	1197341	5.89%	0.779%
4	7.669	772	779	786	rBV	876461	1397204	6.87%	0.909%
5	8.375	893	899	910	rBV	752040	1224991	6.03%	0.797%
6	8.822	968	975	983	rBV	795949	1283665	6.31%	0.835%
7	9.539	1090	1097	1104	rBV	676555	1131858	5.57%	0.736%
8	10.075	1181	1188	1201	rBV	984623	1739112	8.56%	1.131%
9	10.445	1243	1251	1258	rBV	1198249	2000090	9.84%	1.301%
10	13.174	1711	1715	1721	rVB4	149473	218982	1.08%	0.142%
11	13.727	1802	1809	1813	rBV	1838430	2505394	12.32%	1.629%
12	13.774	1813	1817	1824	rVB	344000	511505	2.52%	0.333%
13	14.004	1847	1856	1865	rBV	2018363	2997579	14.75%	1.949%
14	14.310	1899	1908	1915	rBV2	1710994	2613771	12.86%	1.700%
15	14.533	1938	1946	1953	rBV	481767	864246	4.25%	0.562%
16	15.145	2041	2050	2058	rBV	1519748	2164898	10.65%	1.408%
17	15.310	2071	2078	2086	rVB	2452007	3485987	17.15%	2.267%
18	15.439	2095	2100	2108	rBV	579887	883012	4.34%	0.574%
19	16.033	2197	2201	2209	rBV	145643	227405	1.12%	0.148%
20	17.062	2369	2376	2382	rBV	1965059	2831422	13.93%	1.841%
21	17.157	2386	2392	2402	rVB	2302201	3392685	16.69%	2.206%
22	17.968	2524	2530	2545	rBV	1156959	1728748	8.50%	1.124%
23	18.221	2568	2573	2578	rBV	1204993	1837635	9.04%	1.195%
24	18.827	2663	2676	2680	rBV5	108311	284700	1.40%	0.185%
25	18.898	2684	2688	2694	rVB	163929	220669	1.09%	0.143%
26	19.103	2718	2723	2725	rBV4	162548	256583	1.26%	0.167%
27	19.251	2744	2748	2760	rBV	696951	1004381	4.94%	0.653%
28	19.462	2778	2784	2791	rVB	2466077	3605568	17.74%	2.345%
29	19.986	2868	2873	2875	rBV	361176	478891	2.36%	0.311%
30	20.009	2875	2877	2882	rVB	380780	424579	2.09%	0.276%
31	20.509	2956	2962	2966	rVB2	166154	290487	1.43%	0.189%
32	20.968	3035	3040	3050	rBV	3368276	4512694	22.20%	2.934%
33	21.250	3083	3088	3102	rBV	1939208	3409707	16.77%	2.217%
34	21.415	3111	3116	3125	rVB3	408140	631727	3.11%	0.411%

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35	21.586	3141	3145	3150	rBV	700977	750634	3.69%	0.488%
36	21.862	3184	3192	3201	rBV	9146972	13402931	65.93%	8.715%
37	22.039	3219	3222	3230	rVB4	281101	386244	1.90%	0.251%
38	22.180	3241	3246	3257	rBV	621778	1202019	5.91%	0.782%
39	22.297	3261	3266	3269	rVV2	449677	718590	3.54%	0.467%
40	22.333	3269	3272	3279	rVB3	346105	527499	2.59%	0.343%
41	22.527	3300	3305	3311	rBV	1951812	2560294	12.60%	1.665%
42	22.803	3346	3352	3356	rBV	4804189	6836169	33.63%	4.445%
43	22.850	3356	3360	3370	rVV	1520615	2378039	11.70%	1.546%
44	22.933	3370	3374	3380	rVV3	153651	219554	1.08%	0.143%
45	23.062	3392	3396	3401	rVB3	293753	420544	2.07%	0.273%
46	23.338	3436	3443	3452	rVB2	1518933	3232776	15.90%	2.102%
47	23.474	3461	3466	3477	rVB2	1130446	2261853	11.13%	1.471%
48	23.668	3493	3499	3508	rVB	2064850	3681888	18.11%	2.394%
49	23.997	3547	3555	3563	rBV	3385676	6581997	32.38%	4.280%
50	24.085	3564	3570	3580	rVV2	906677	2037873	10.03%	1.325%
51	24.191	3583	3588	3596	rVB3	251524	565437	2.78%	0.368%
52	24.362	3614	3617	3625	rVB6	297378	525217	2.58%	0.342%
53	24.733	3674	3680	3686	rBV2	312696	637768	3.14%	0.415%
54	25.180	3748	3756	3766	rVB	1381531	3328491	16.37%	2.164%
55	25.521	3811	3814	3819	rVB6	228248	393337	1.93%	0.256%
56	25.591	3820	3826	3842	rVB3	563834	1759415	8.66%	1.144%
57	25.738	3844	3851	3864	rVV	827121	2399184	11.80%	1.560%
58	25.868	3866	3873	3892	rVB8	540837	1882865	9.26%	1.224%
59	26.474	3967	3976	3989	rBV4	1107304	3740804	18.40%	2.432%
60	27.038	4062	4072	4092	rVB4	1688873	6004693	29.54%	3.905%
61	27.232	4097	4105	4118	rVV9	587748	2061697	10.14%	1.341%
62	27.379	4124	4130	4148	rVB7	646738	2222449	10.93%	1.445%
63	27.756	4180	4194	4211	rBV3	5023786	20327831	100.00%	13.218%
64	27.997	4225	4235	4258	rVB10	1443260	7157380	35.21%	4.654%

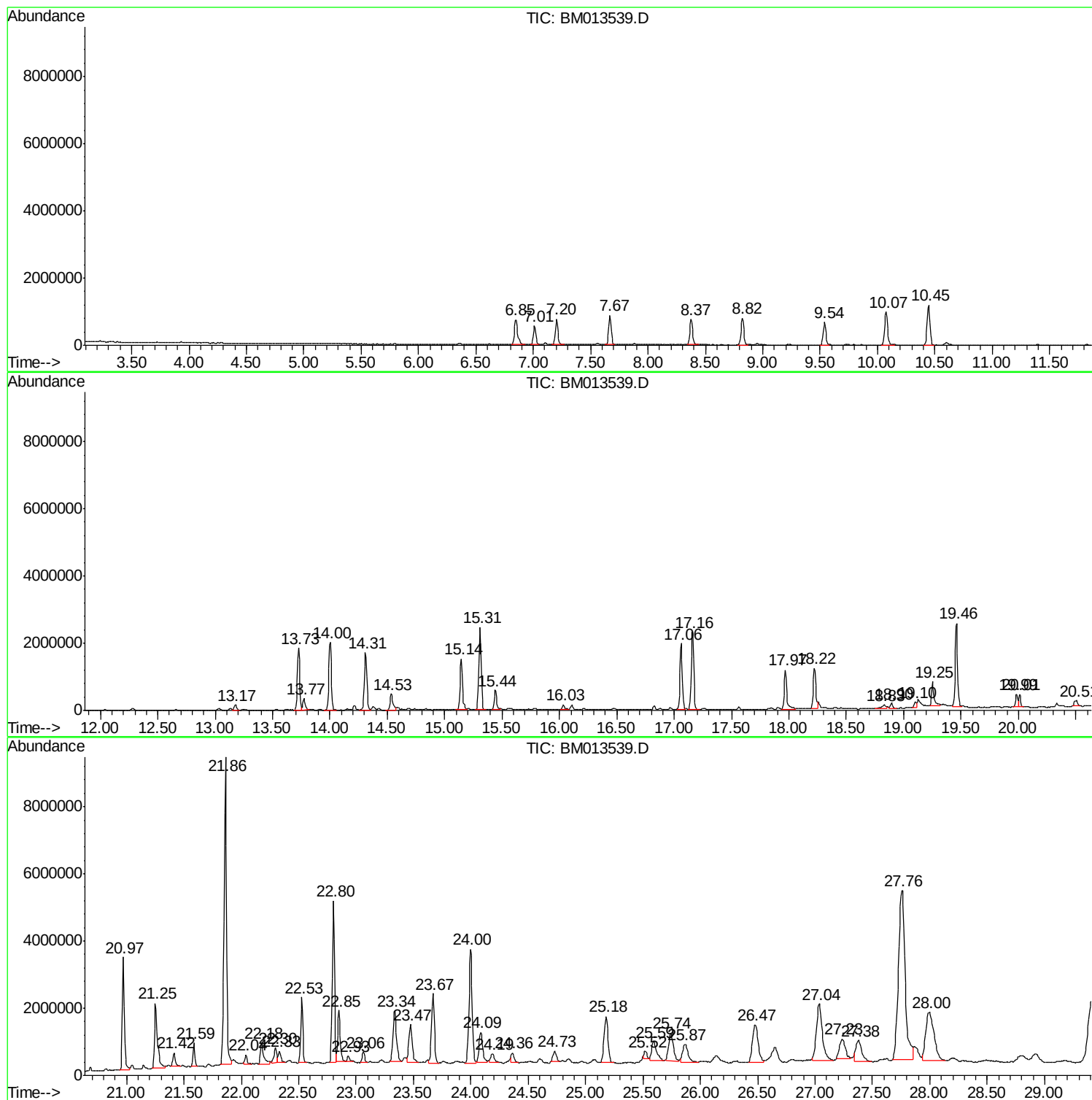
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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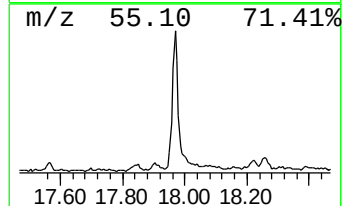
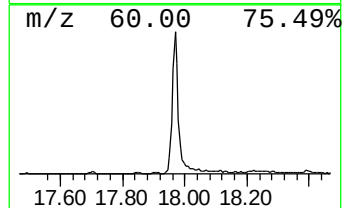
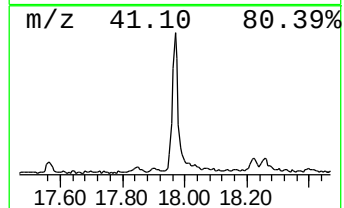
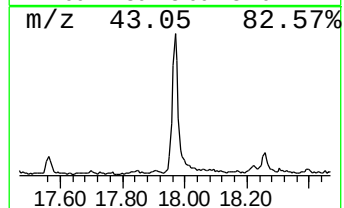
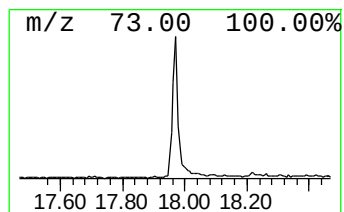
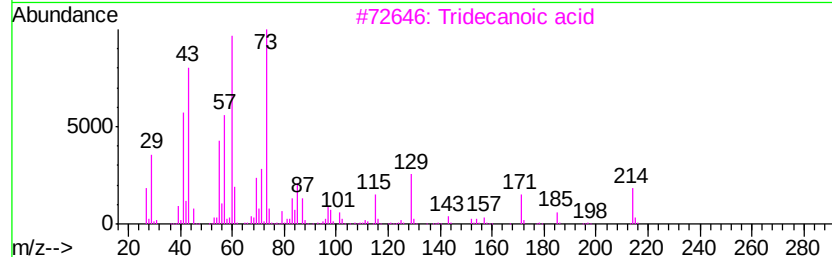
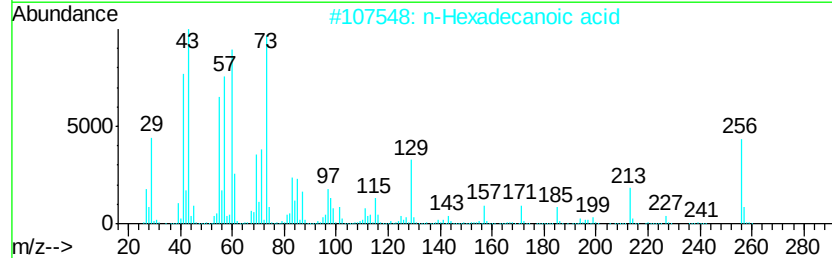
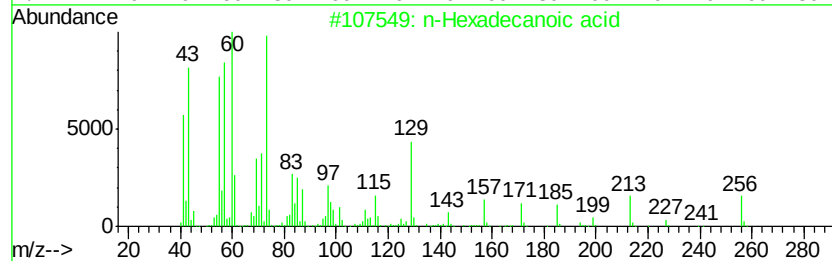
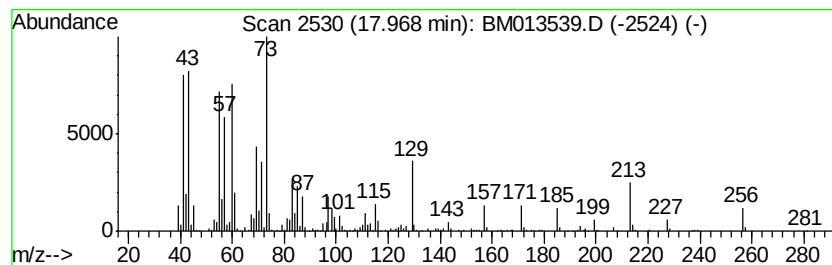
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	12.21 ng/ul	1728750	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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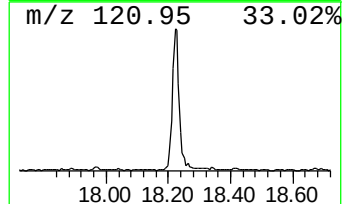
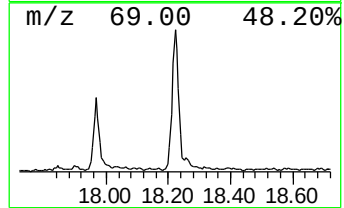
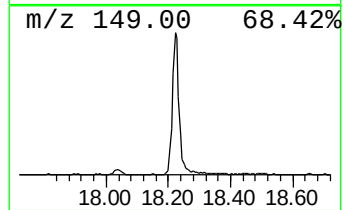
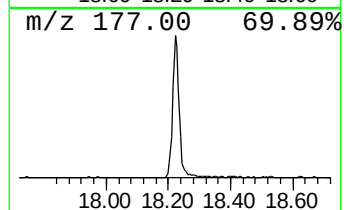
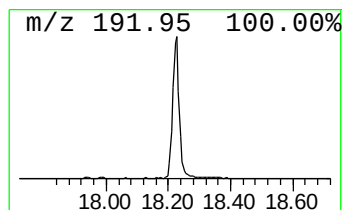
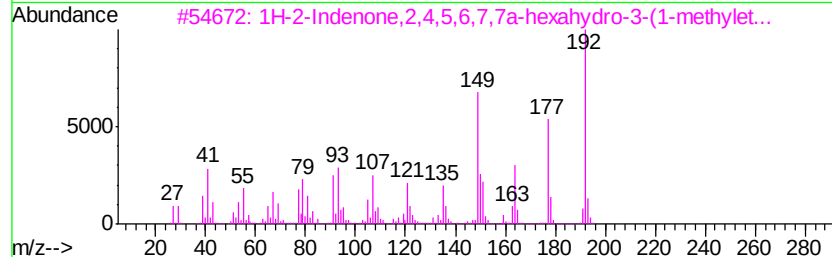
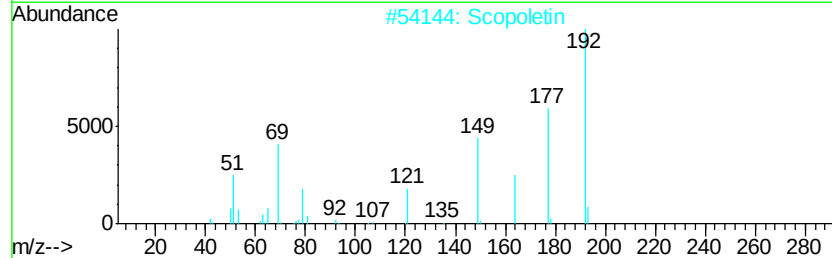
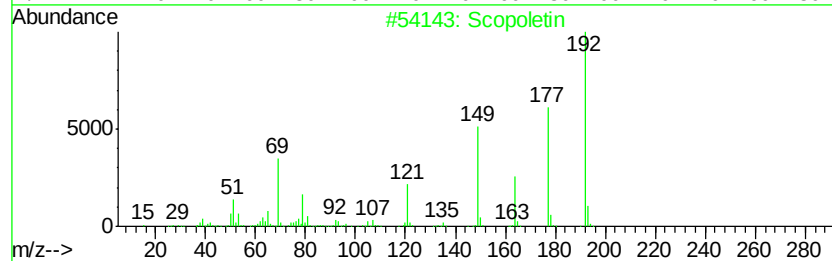
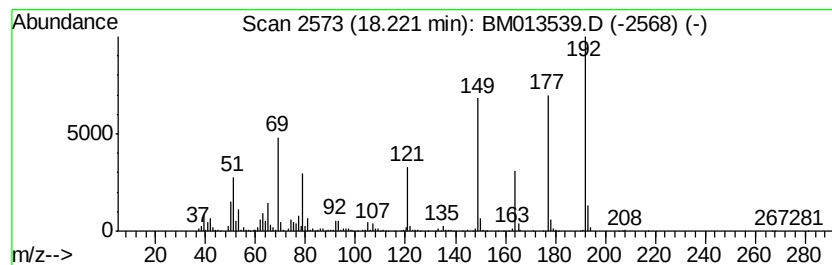
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Scopoletin Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.22	12.98 ng/ul	1837640	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Scopoletin		192	C10H8O4	000092-61-5	98
2	Scopoletin		192	C10H8O4	000092-61-5	94
3	1H-2-Indenone, 2,4,5,6,7,7a-hexah...		192	C13H20O	1000196-69-5	72
4	Scopoletin, O-acetyl-		234	C12H10O5	1000374-30-1	59
5	2-Chloro-7-methoxynaphthalene		192	C11H9ClO	067061-67-0	47



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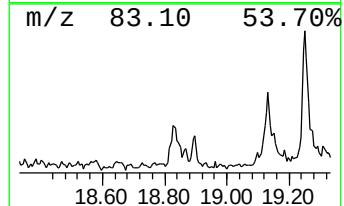
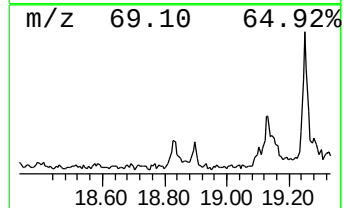
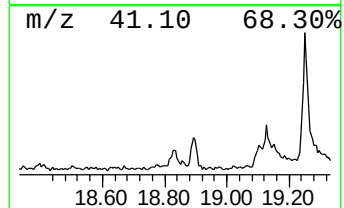
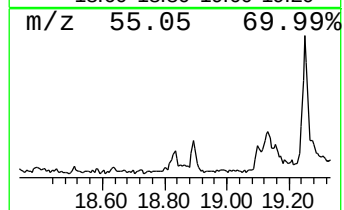
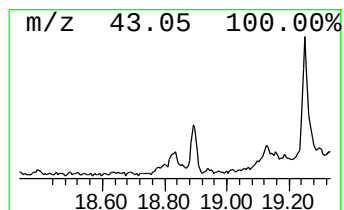
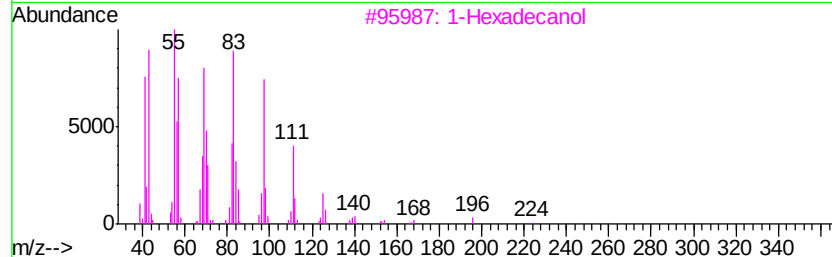
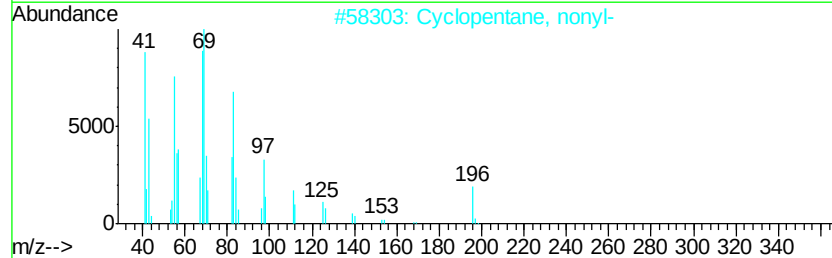
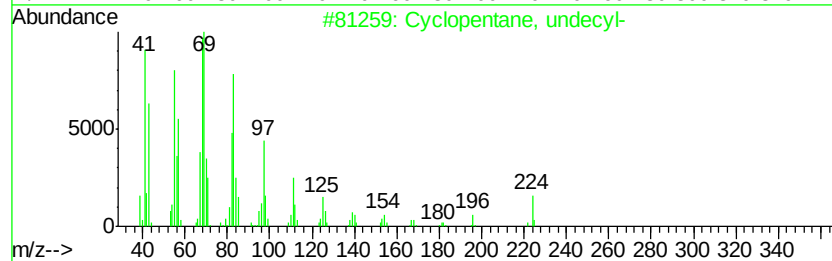
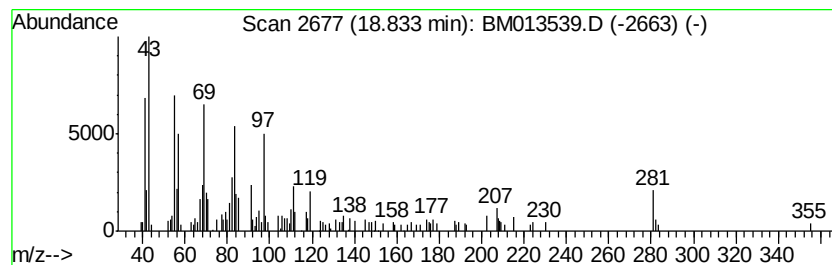
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic18.83 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.83	2.01 ng/ul	284700	Phenanthrene-d10	17.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, undecyl-	224	C16H32	006785-23-5	64
2	Cyclopentane, nonyl-	196	C14H28	002882-98-6	52
3	1-Hexadecanol	242	C16H34O	036653-82-4	49
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	49
5	Disparlure	282	C19H38O	029804-22-6	46



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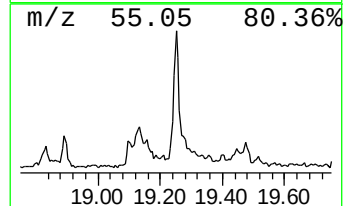
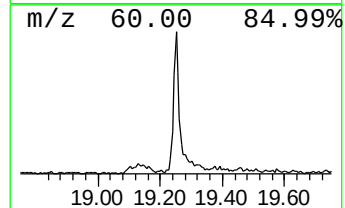
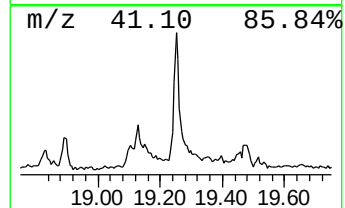
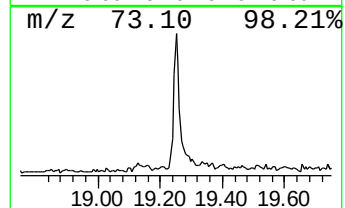
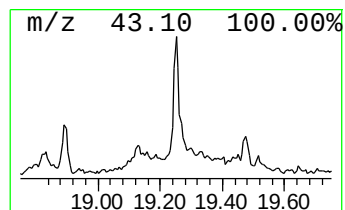
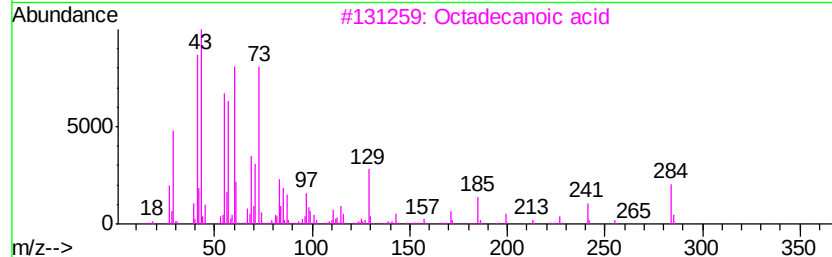
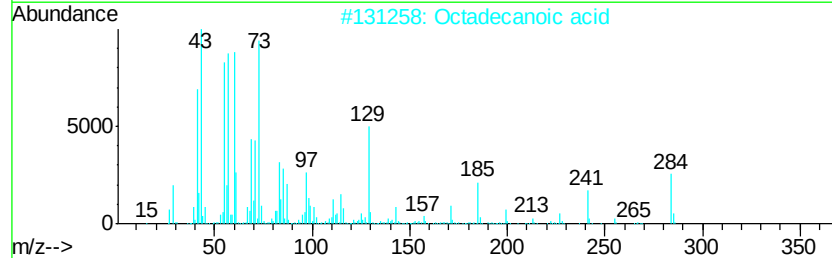
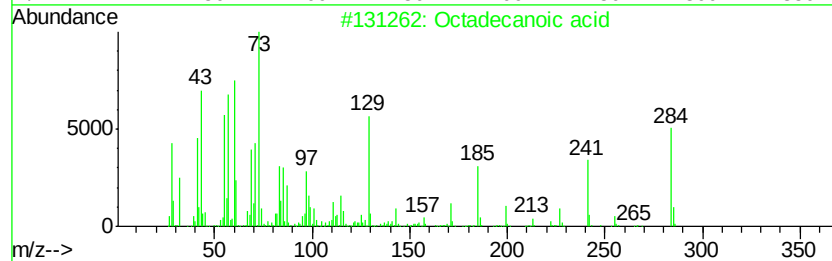
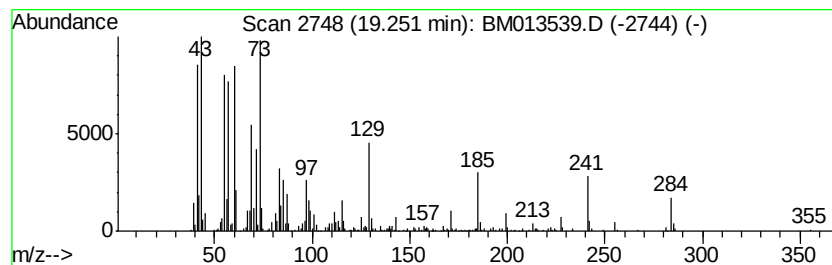
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	5.89 ng/ul	1004380	Chrysene-d12	21.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	95
4			Octadecanoic acid	284	C18H36O2	000057-11-4	94
5			Octadecanoic acid	284	C18H36O2	000057-11-4	91



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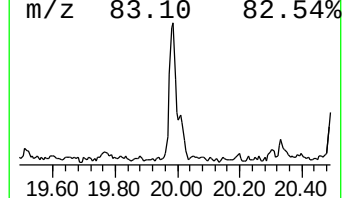
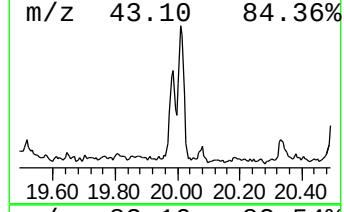
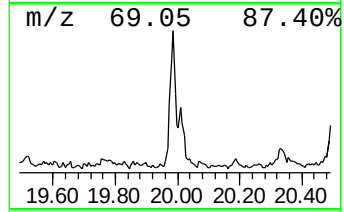
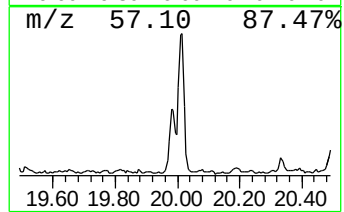
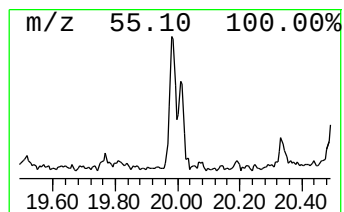
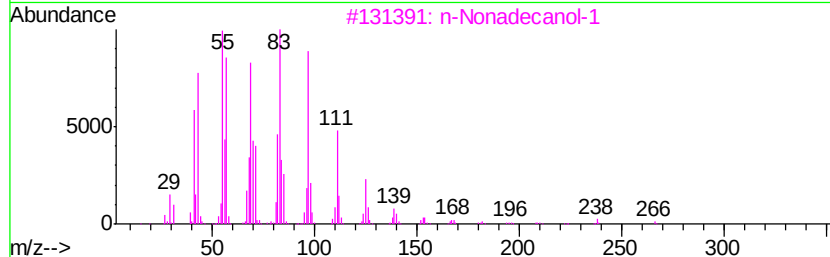
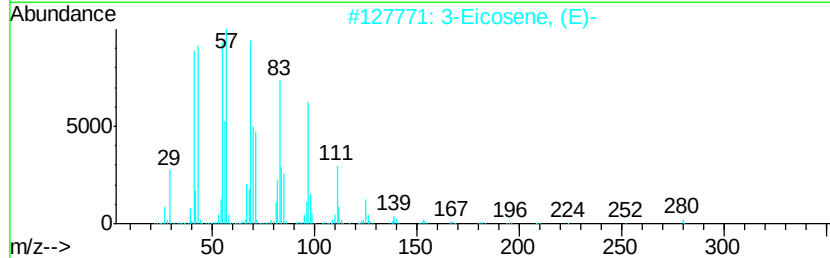
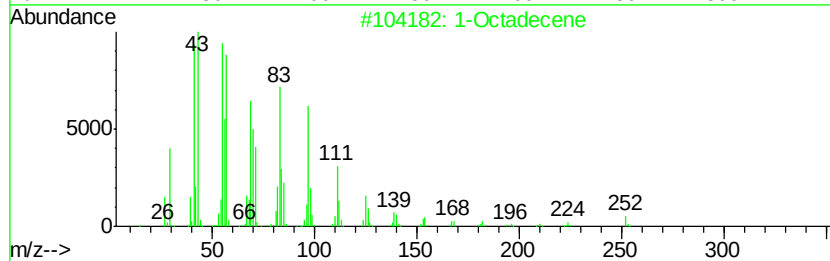
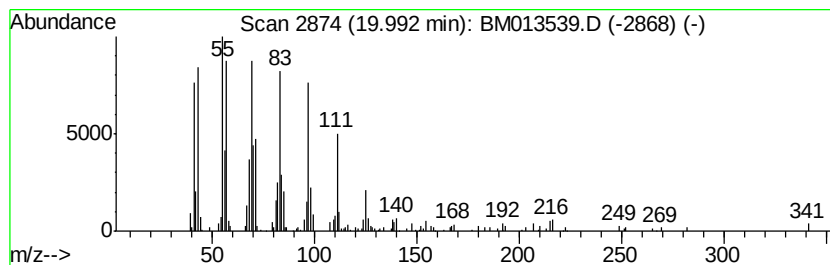
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic19.99 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.81 ng/ul	478891	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	98
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4		3-Octadecene, (E)-	252	C18H36	007206-19-1	90
5		E-14-Hexadecenal	238	C16H30O	330207-53-9	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
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Acq On : 26 Dec 2017 17:50
Operator : SJ/JU
Sample : I7046-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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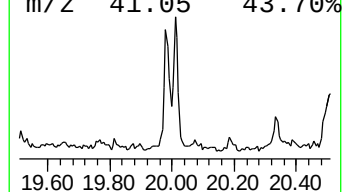
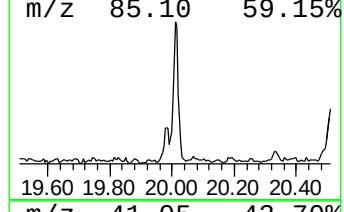
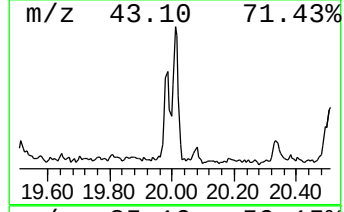
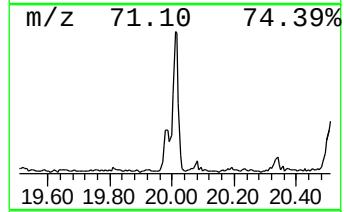
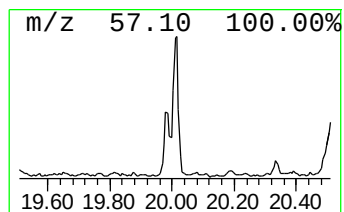
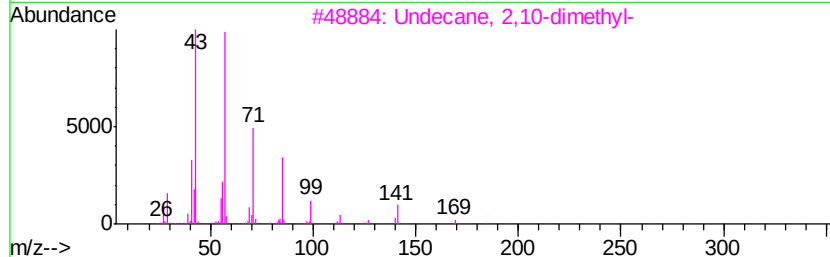
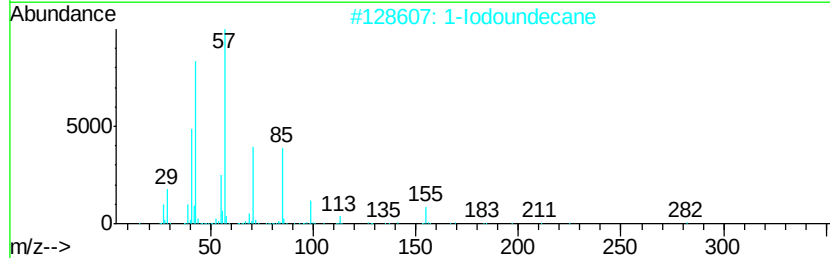
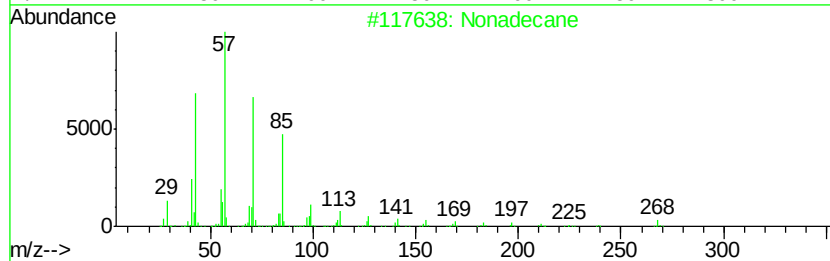
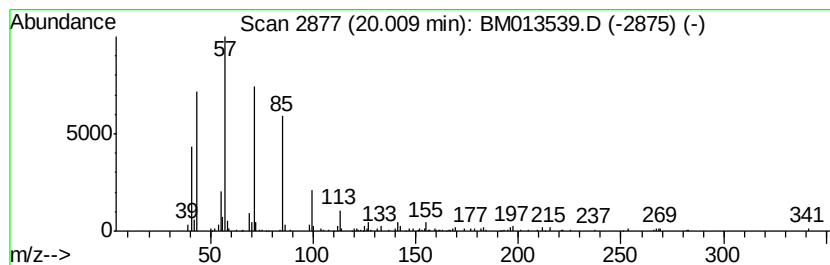
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	2.49 ng/ul	424579	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	86
2		1-Iodoundecane	282	C11H23I	004282-44-4	74
3		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	72
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
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ClientSampleId :
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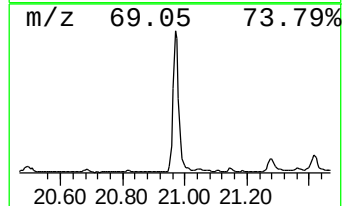
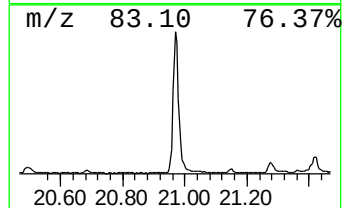
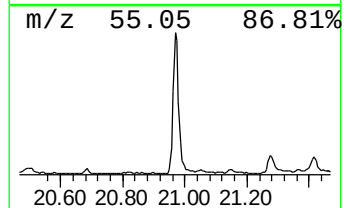
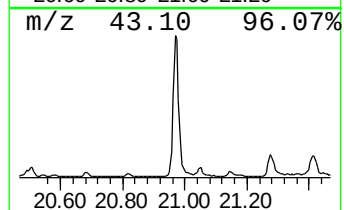
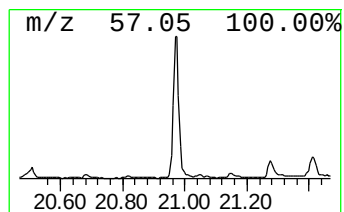
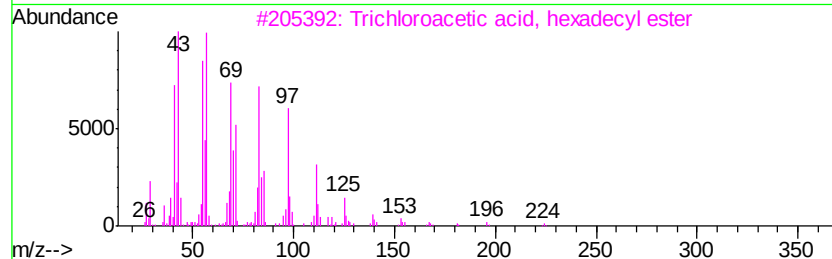
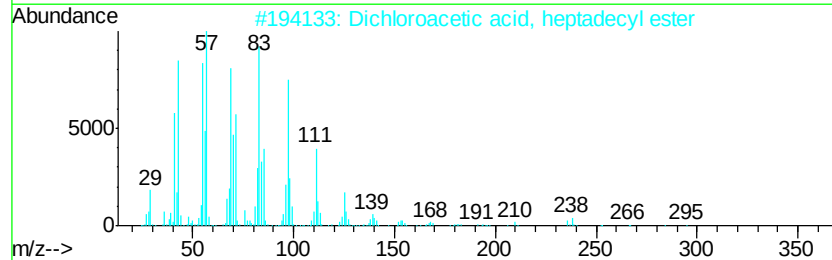
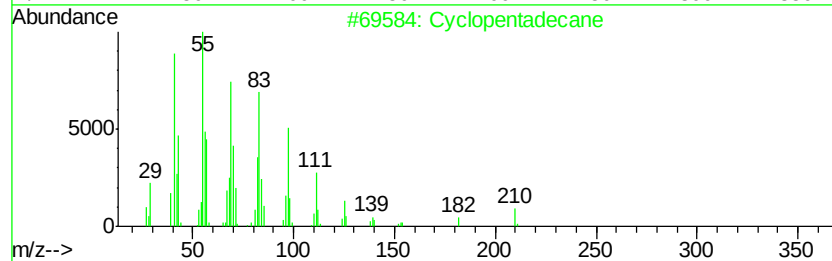
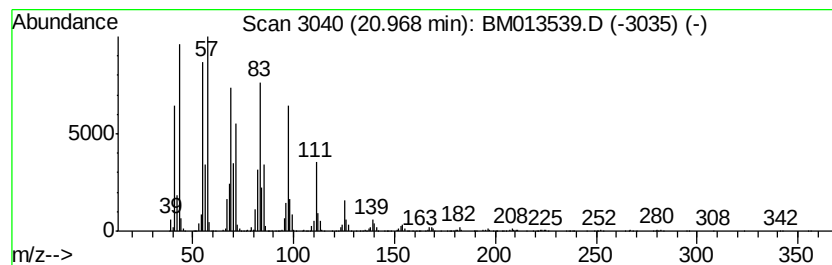
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic20.97 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	26.47 ng/ul	4512690	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	97
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		E-15-Heptadecenal	252	C17H32O	1000130-97-9	92
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
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Sample : I7046-08
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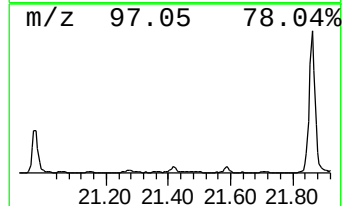
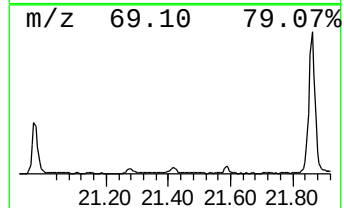
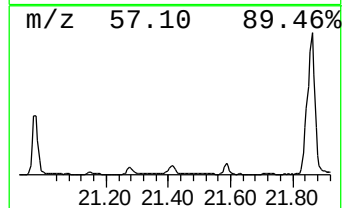
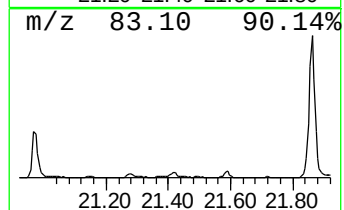
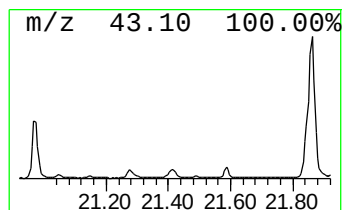
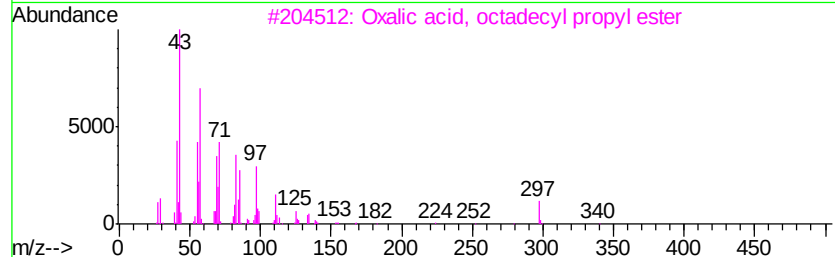
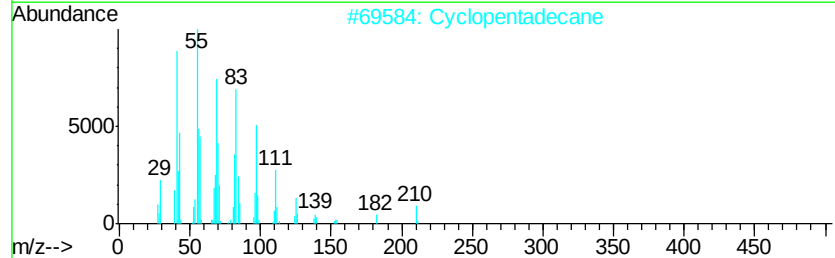
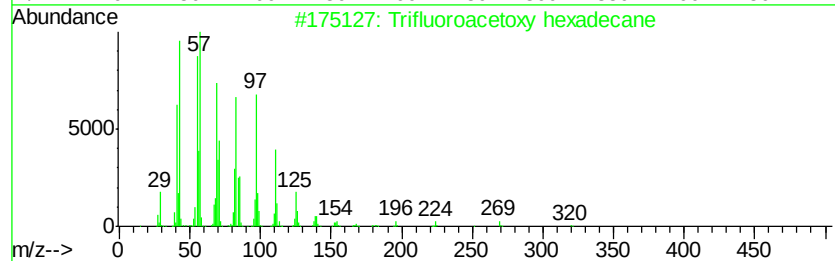
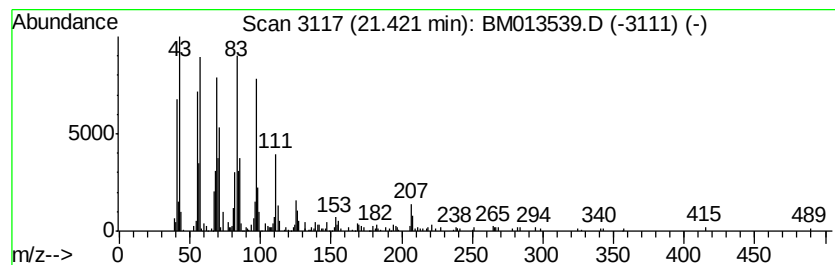
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Trifluoroacetoxy hexadecane Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	3.71 ng/ul	631727	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	92
2		Cyclopentadecane	210	C15H30	000295-48-7	91
3		Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91
4		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
5		17-Pentatriacontene	491	C35H70	006971-40-0	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
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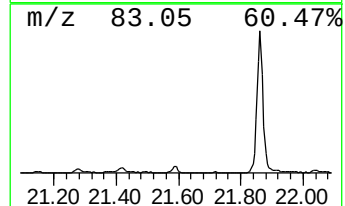
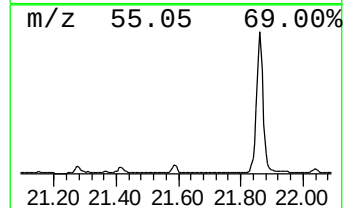
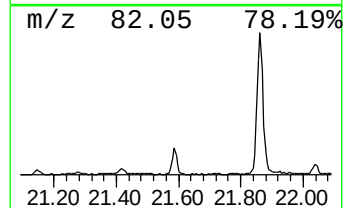
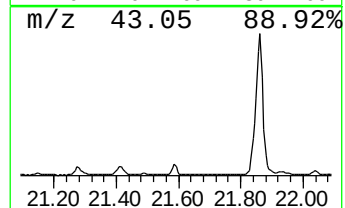
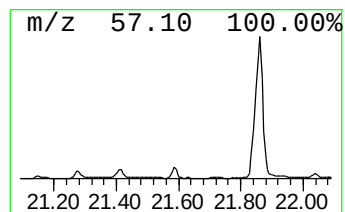
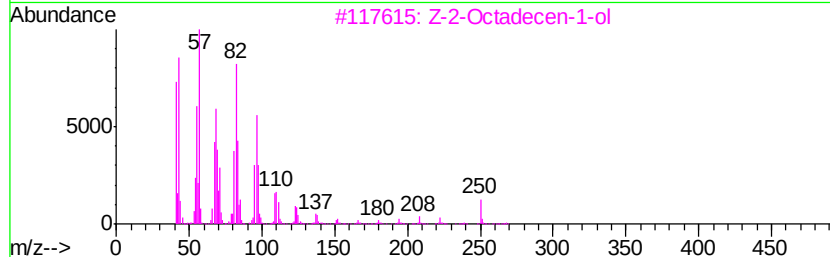
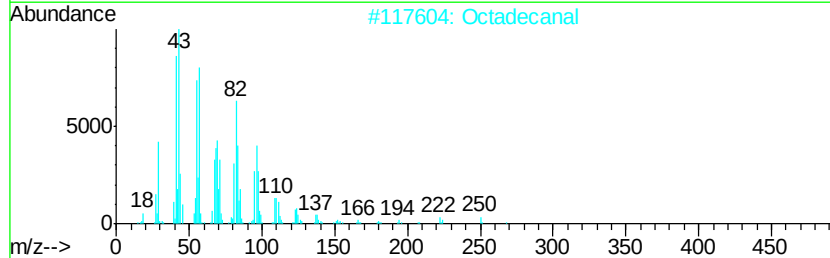
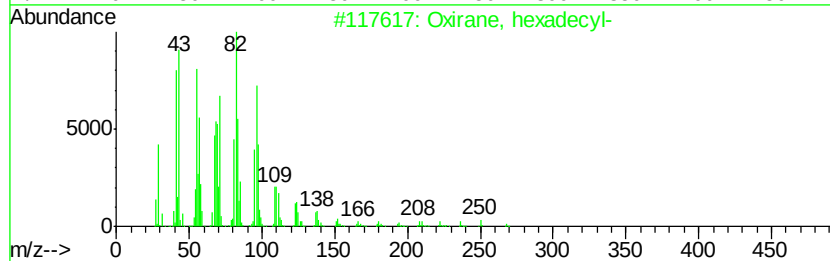
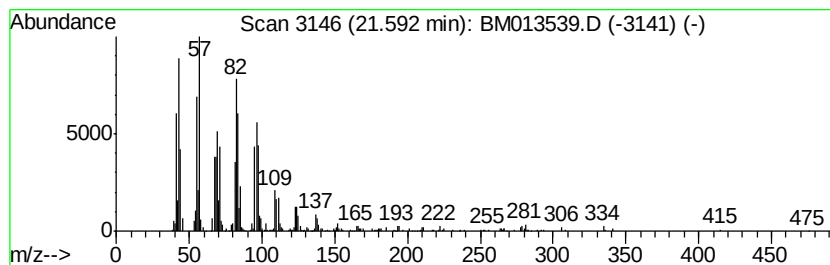
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Oxirane, hexadecyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	4.40 ng/ul	750634	Chrysene-d12	21.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2			Octadecanal	268	C18H36O	000638-66-4	93
3			Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	92
4			Octadecanal	268	C18H36O	000638-66-4	91
5			Pentadecanal-	226	C15H30O	002765-11-9	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
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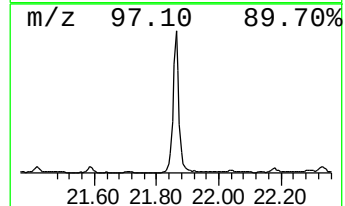
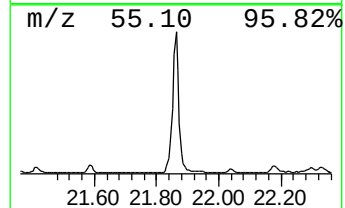
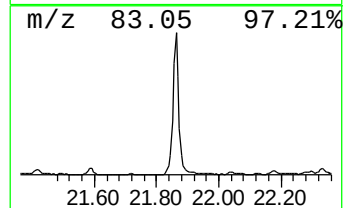
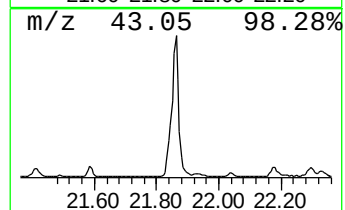
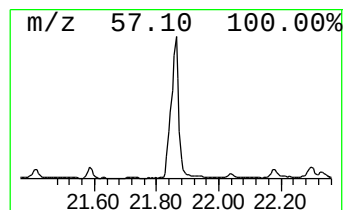
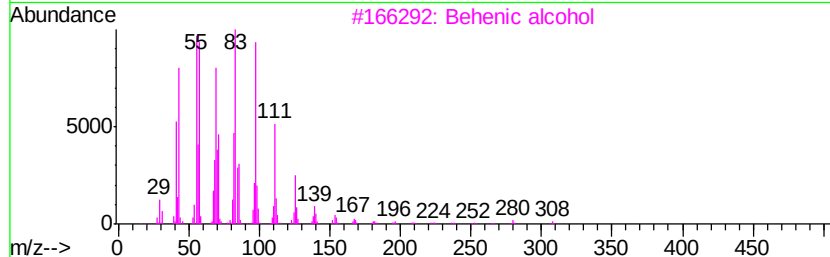
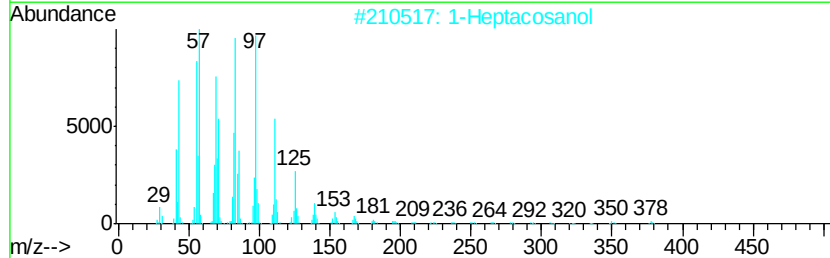
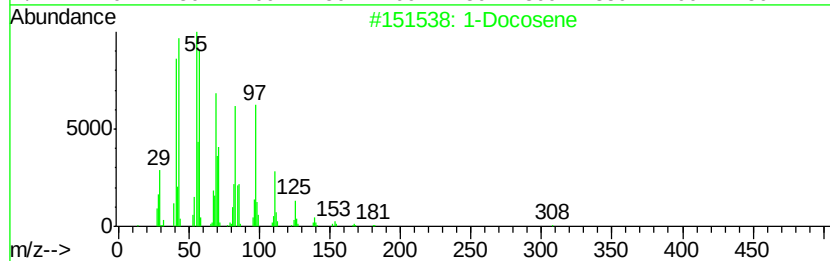
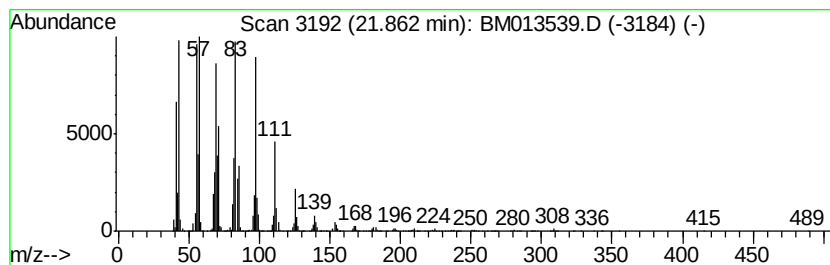
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic21.86 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	78.62 ng/ul	13402900	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		1-Heptacosanol	396	C27H56O	002004-39-9	95
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
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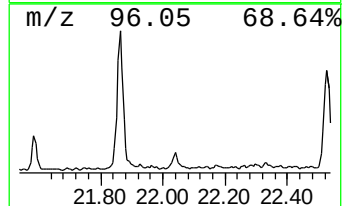
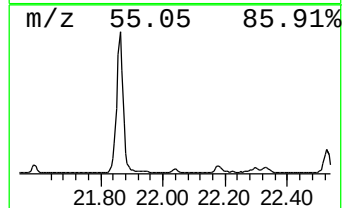
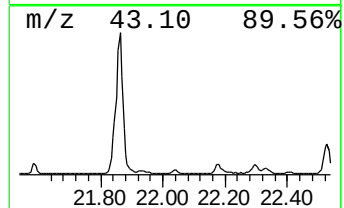
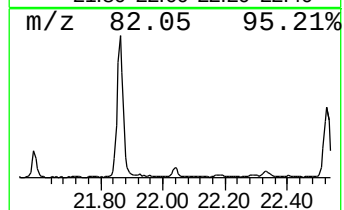
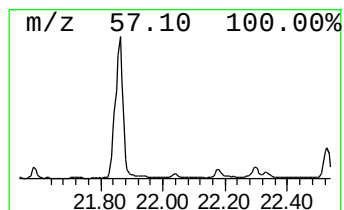
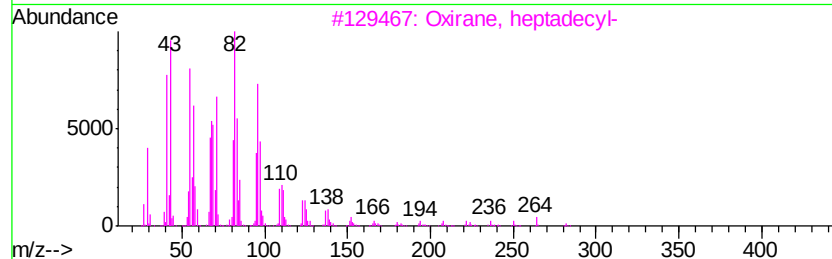
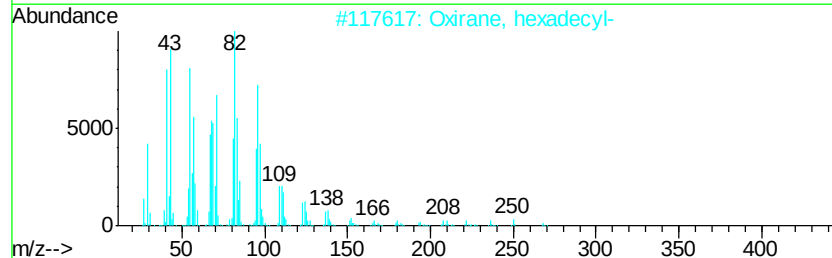
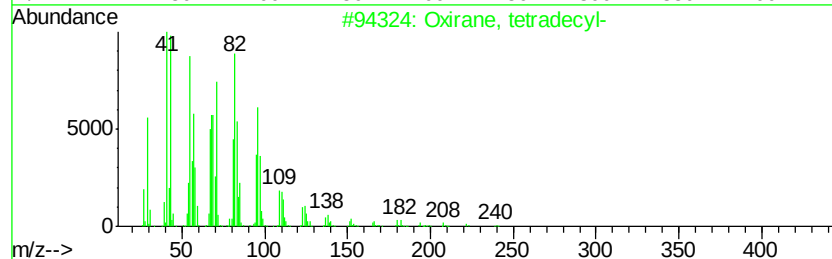
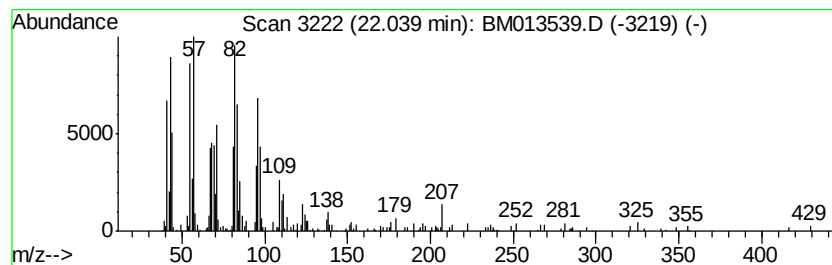
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Oxirane, tetradecyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	2.27 ng/ul	386244	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	93
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4		Octadecanal	268	C18H36O	000638-66-4	91
5		1,19-Eicosadiene	278	C20H38	014811-95-1	90



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Instrument :
BNA_M
ClientSampleId :
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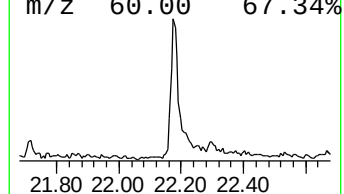
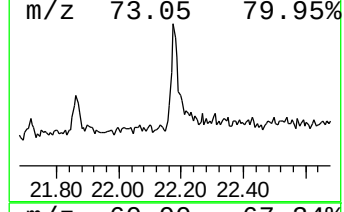
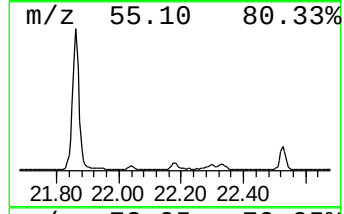
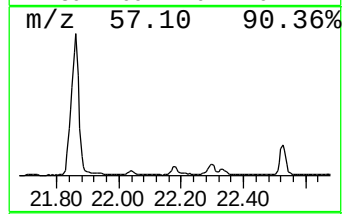
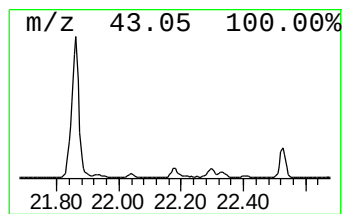
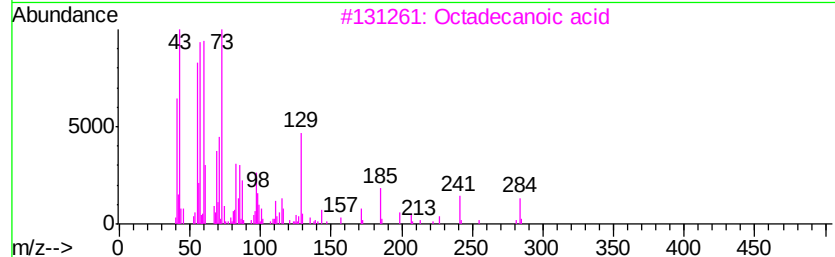
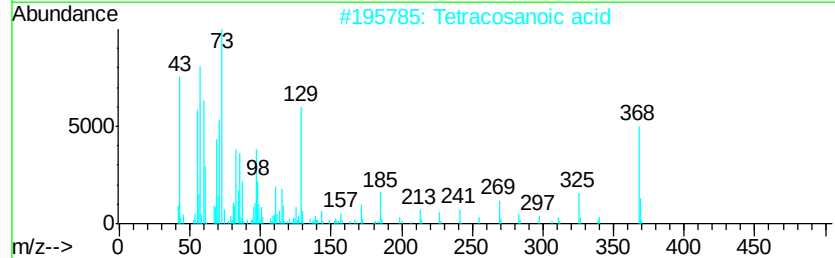
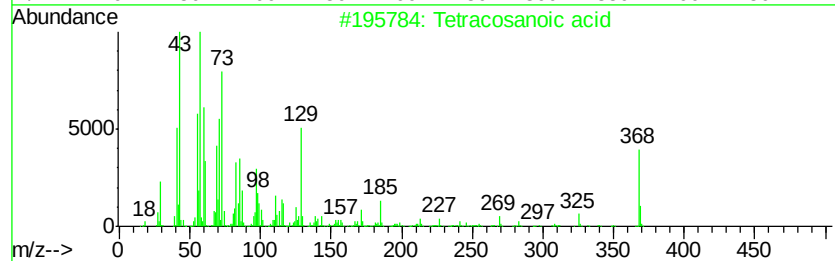
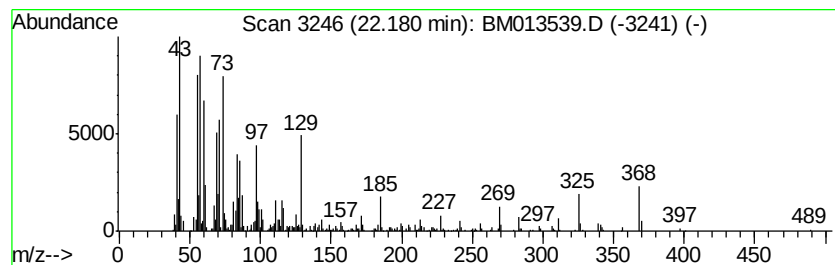
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Tetracosanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	7.05 ng/ul	1202020	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosanoic acid	368	C24H48O2	000557-59-5	98
2		Tetracosanoic acid	368	C24H48O2	000557-59-5	94
3		Octadecanoic acid	284	C18H36O2	000057-11-4	53
4		Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	46
5		1-Fluorononane	146	C9H19F	000463-18-3	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
Acq On : 26 Dec 2017 17:50
Operator : SJ/JU
Sample : I7046-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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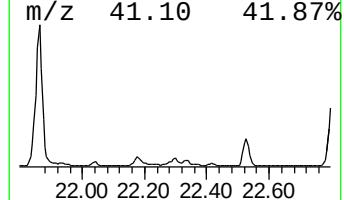
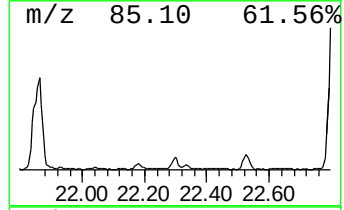
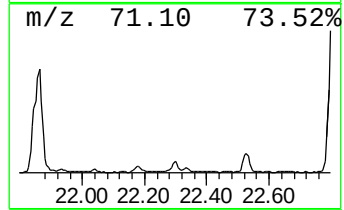
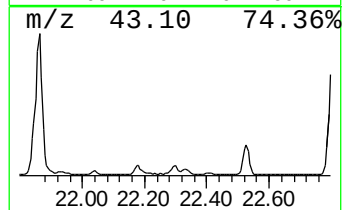
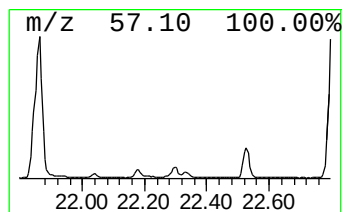
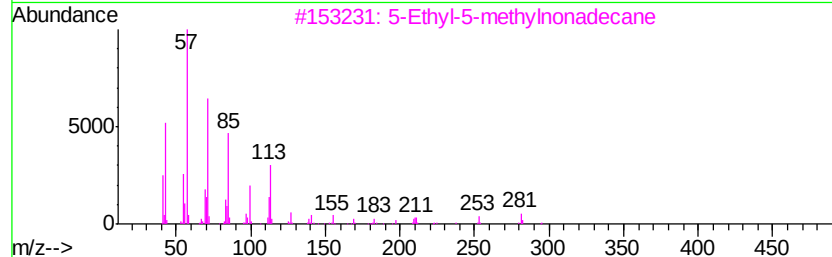
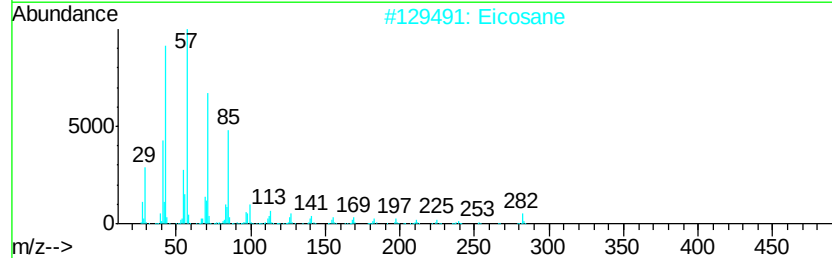
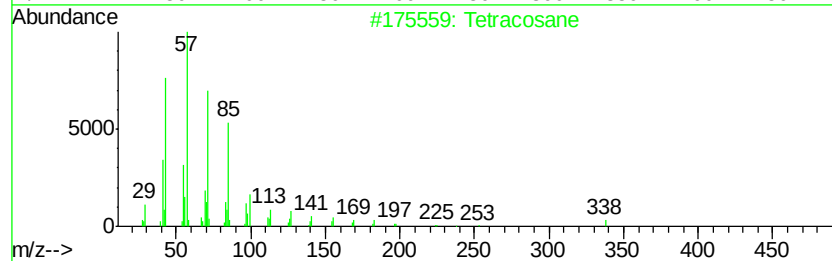
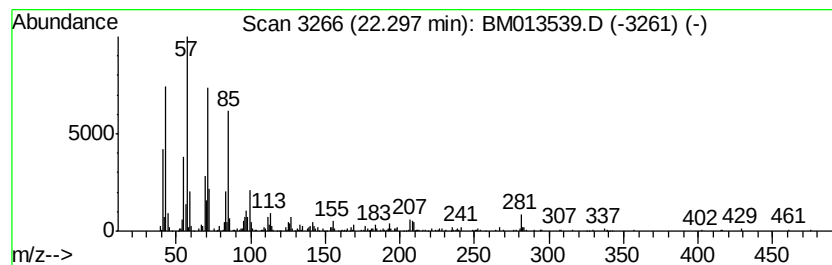
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	4.21 ng/ul	718590	Chrysene-d12	21.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	76
2			Eicosane	282	C20H42	000112-95-8	70
3			5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	68
4			Pentadecane	212	C15H32	000629-62-9	64
5			6-Dodecanone	184	C12H24O	006064-27-3	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
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Sample : I7046-08
Misc :
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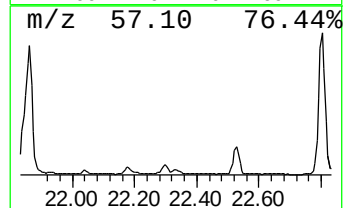
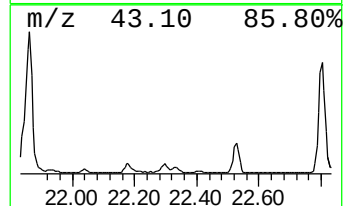
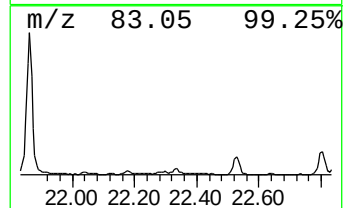
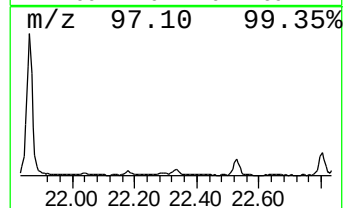
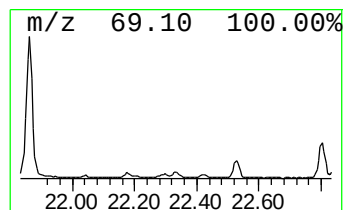
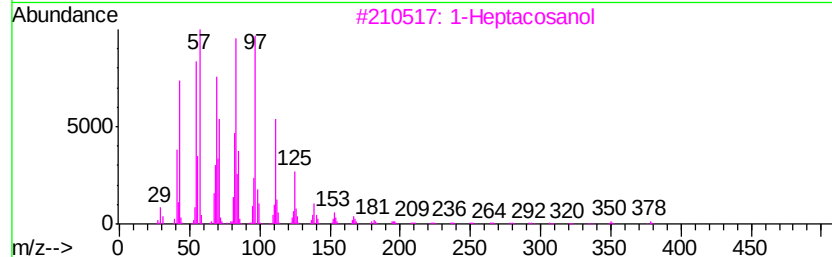
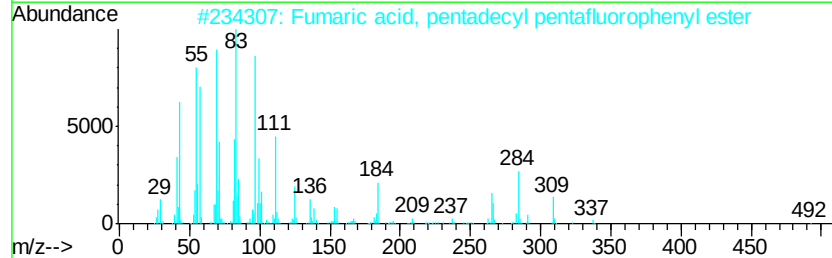
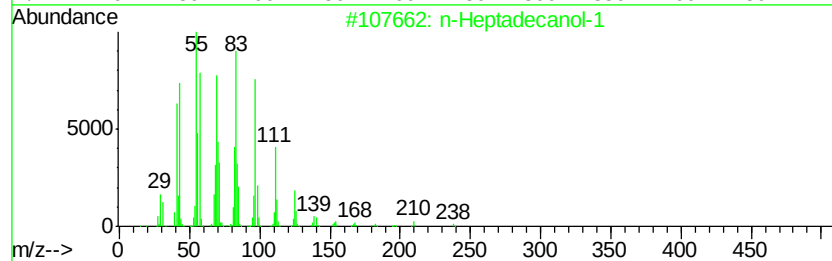
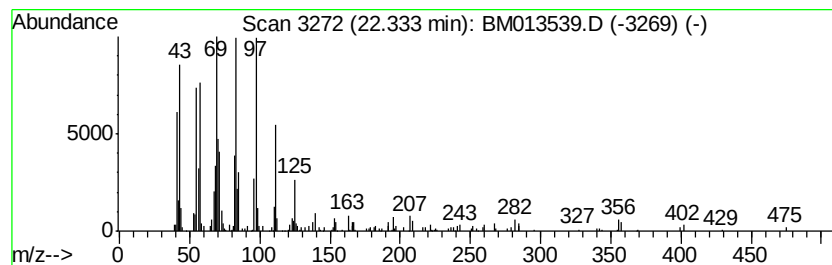
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 n-Heptadecanol-1 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	3.09 ng/ul	527499	Chrysene-d12	21.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Heptadecanol-1	256 C17H36O	001454-85-9	86
2	Fumaric acid, pentadecyl pentafl...	492 C25H33F5O4	1000348-10-7	86
3	1-Heptacosanol	396 C27H56O	002004-39-9	83
4	n-Tetracosanol-1	354 C24H50O	000506-51-4	81
5	1-Heneicosyl formate	340 C22H44O2	077899-03-7	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
Acq On : 26 Dec 2017 17:50
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Sample : I7046-08
Misc :
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ClientSampleId :
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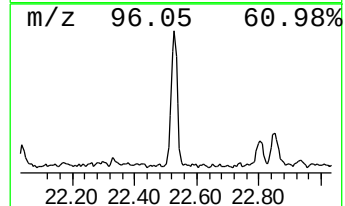
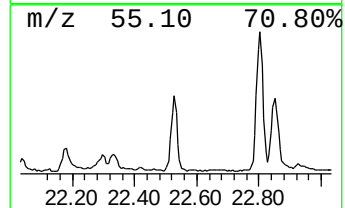
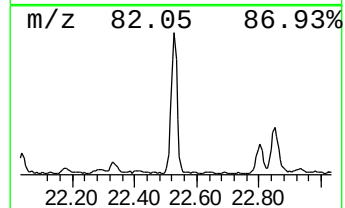
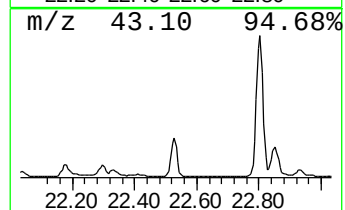
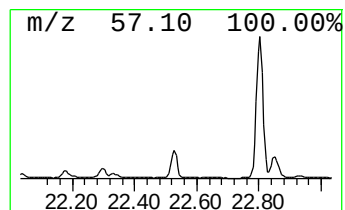
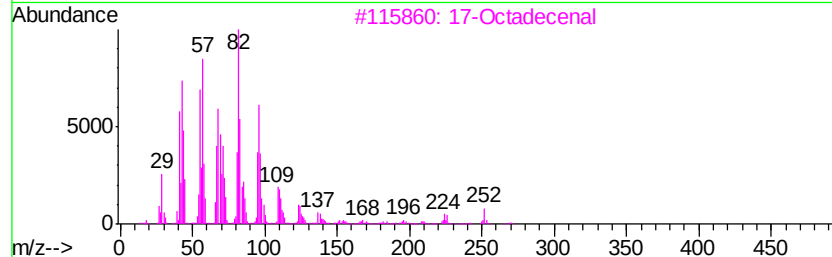
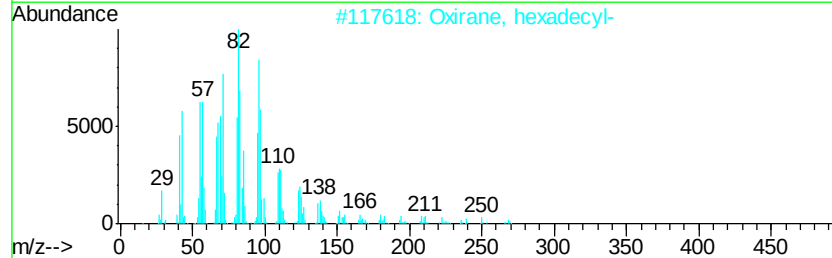
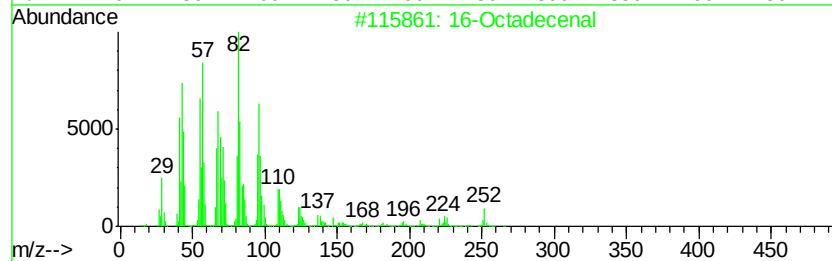
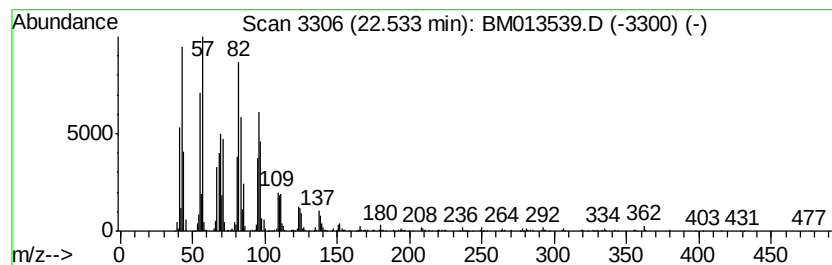
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 16-Octadecenal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	22.64 ng/ul	2560290	Perylene-d12	23.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Octadecenal	266	C18H34O	056554-87-1	94
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3			17-Octadecenal	266	C18H34O	056554-86-0	93
4			Octadecanal	268	C18H36O	000638-66-4	91
5			Tetracosanal	352	C24H48O	057866-08-7	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
Acq On : 26 Dec 2017 17:50
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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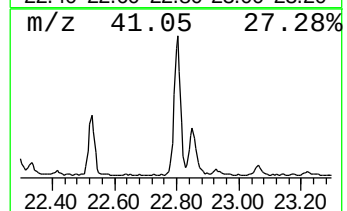
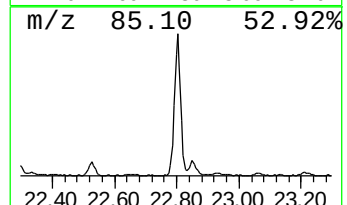
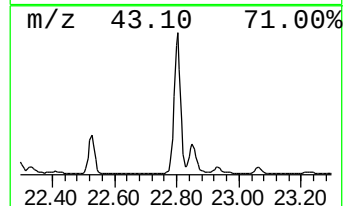
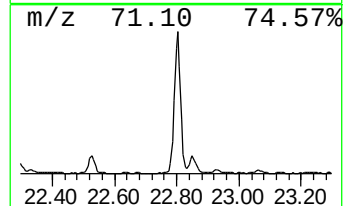
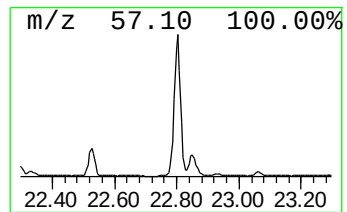
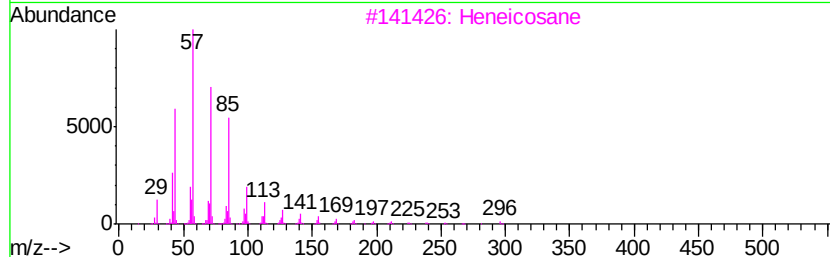
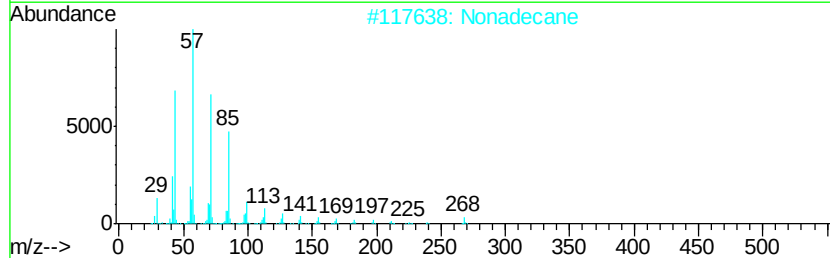
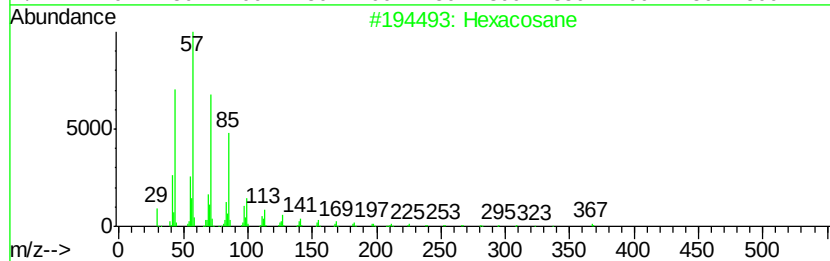
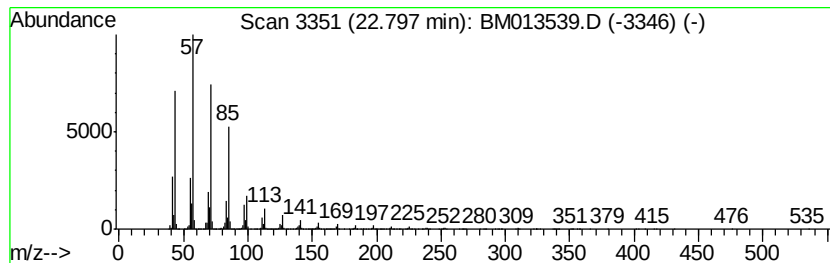
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	60.45 ng/ul	6836170	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Nonadecane	268	C19H40	000629-92-5	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
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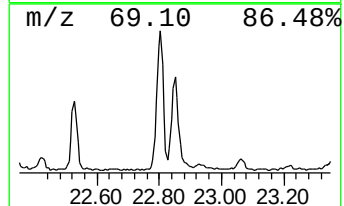
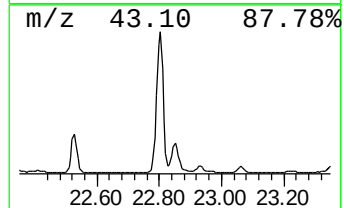
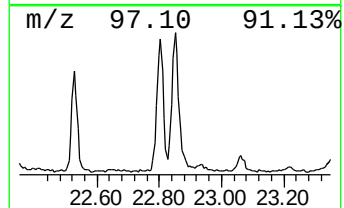
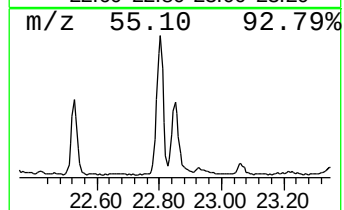
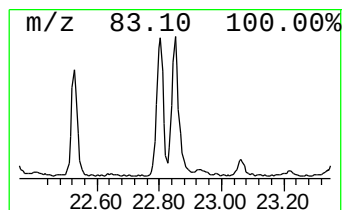
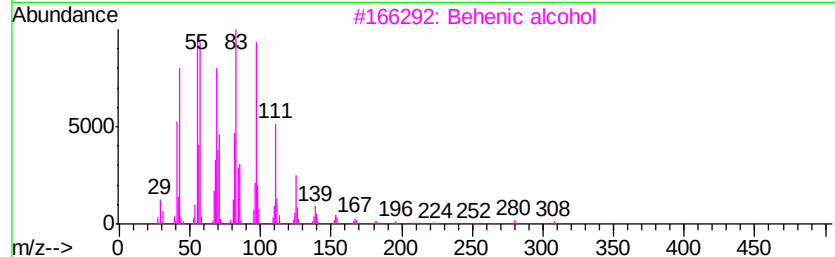
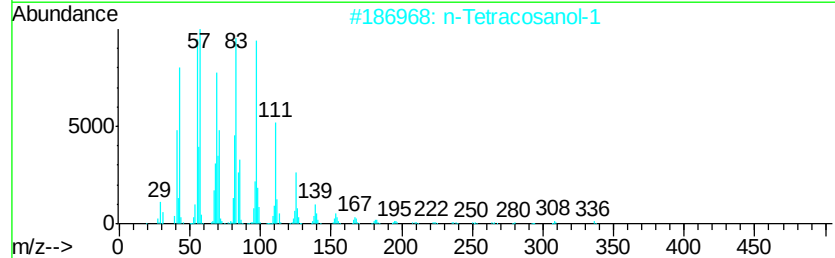
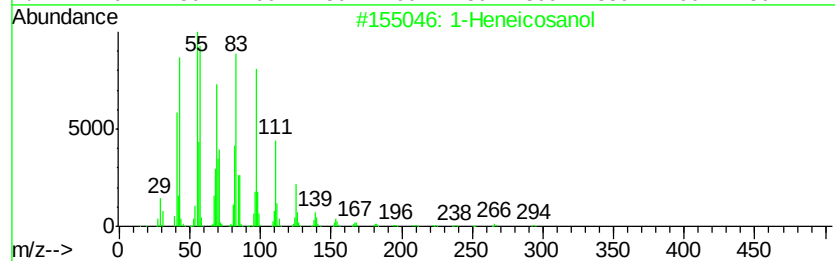
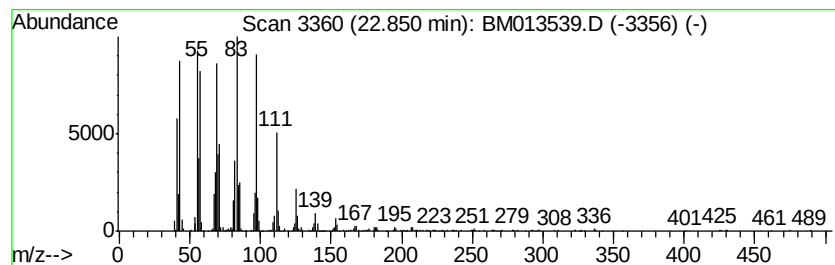
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1-Heneicosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	21.03 ng/ul	2378040	Perylene-d12	23.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	94
2	n-Tetracosanol-1	354 C24H50O	000506-51-4	94
3	Behenic alcohol	326 C22H46O	000661-19-8	94
4	Cyclotetracosane	336 C24H48	000297-03-0	93
5	1-Heptacosanol	396 C27H56O	002004-39-9	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
Acq On : 26 Dec 2017 17:50
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Sample : I7046-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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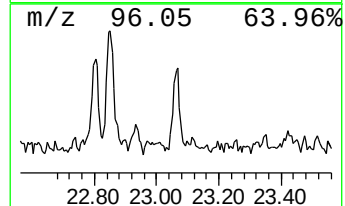
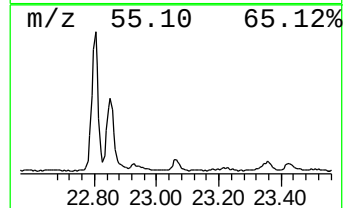
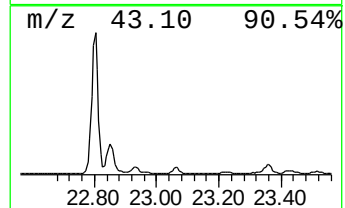
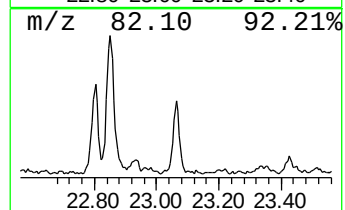
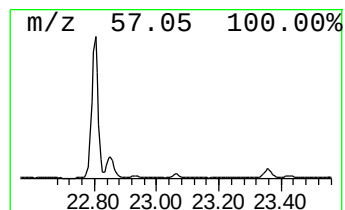
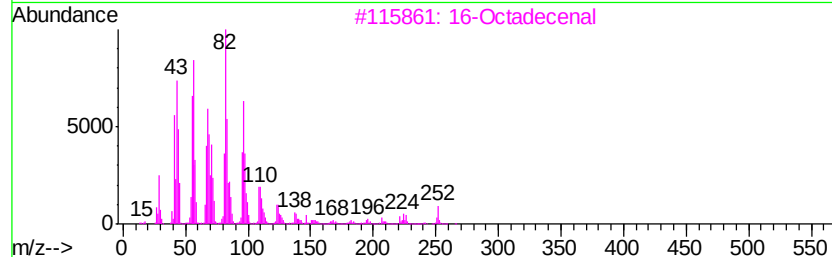
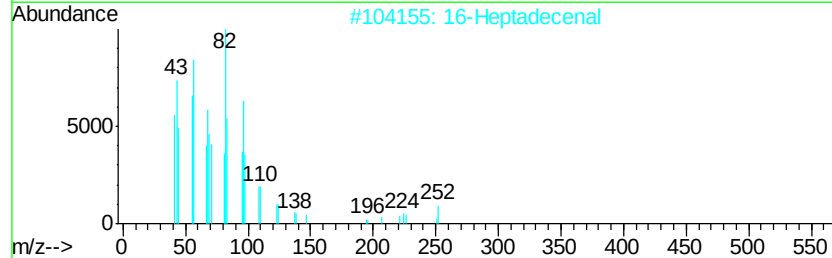
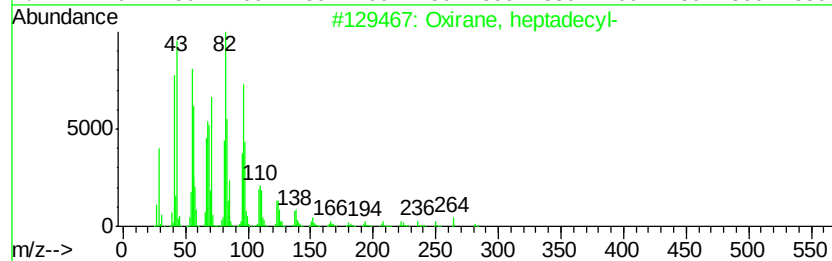
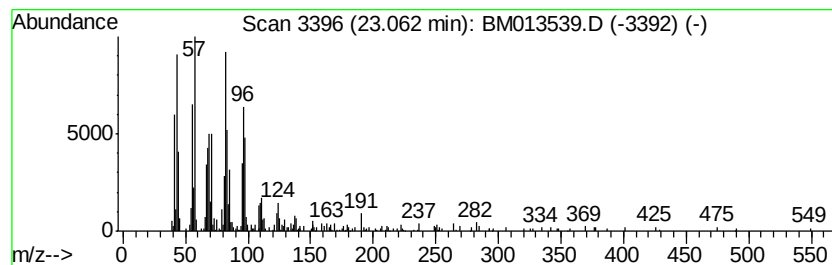
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Oxirane, heptadecyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	3.72 ng/ul	420544	Perylene-d12	23.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
2			16-Heptadecenal	252	C17H32O	1000144-57-9	90
3			16-Octadecenal	266	C18H34O	056554-87-1	80
4			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	52
5			Ether, 1-hexadecenyl methyl	254	C17H34O	015519-14-9	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
Acq On : 26 Dec 2017 17:50
Operator : SJ/JU
Sample : I7046-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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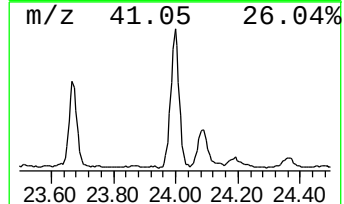
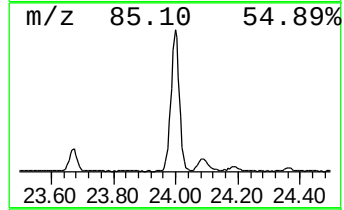
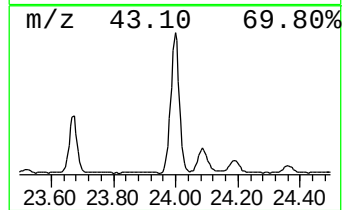
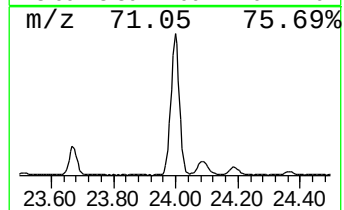
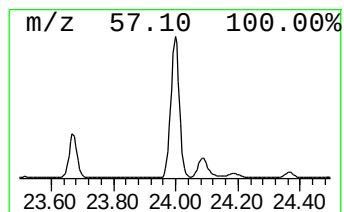
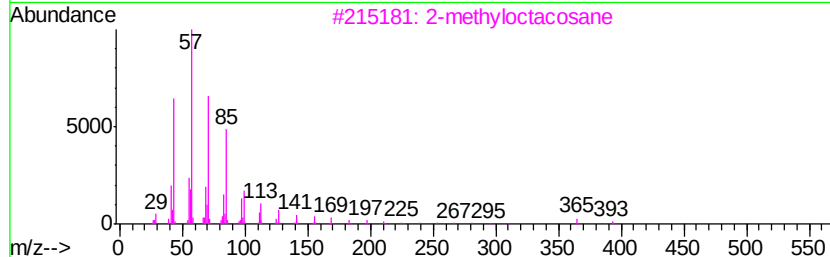
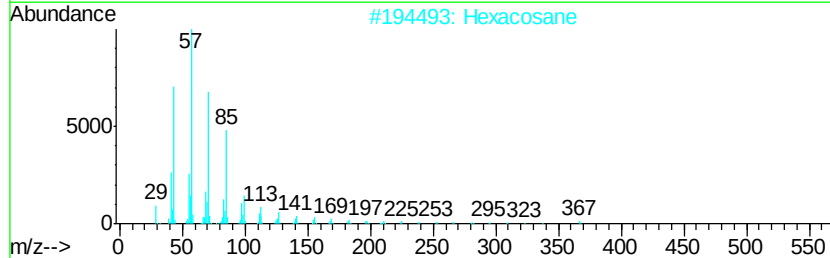
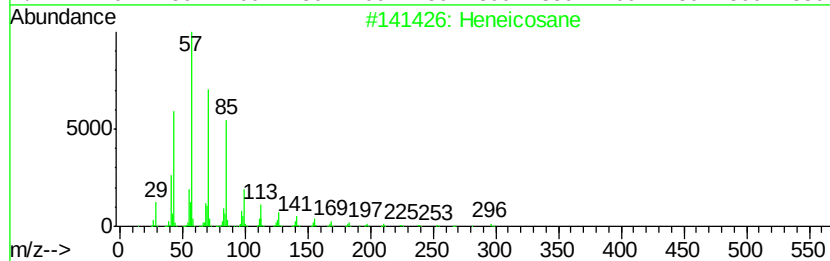
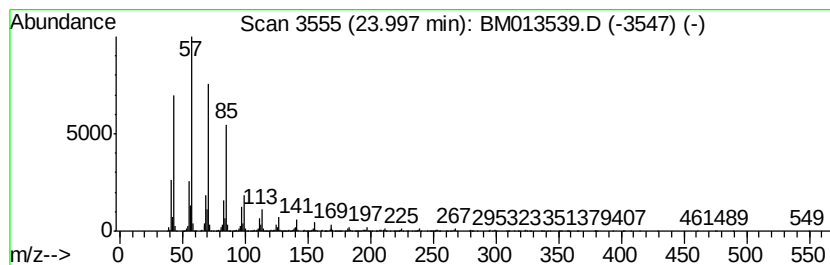
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	58.20 ng/ul	6582000	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Docosane, 7-hexyl-	394	C28H58	055373-86-9	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
Acq On : 26 Dec 2017 17:50
Operator : SJ/JU
Sample : I7046-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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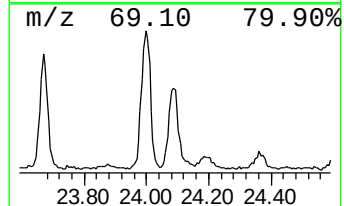
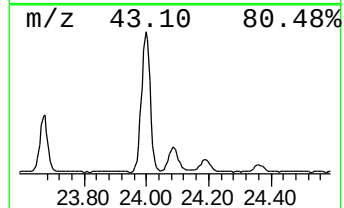
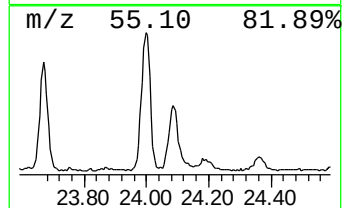
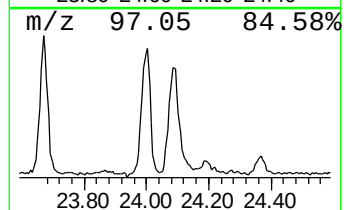
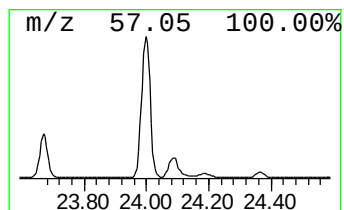
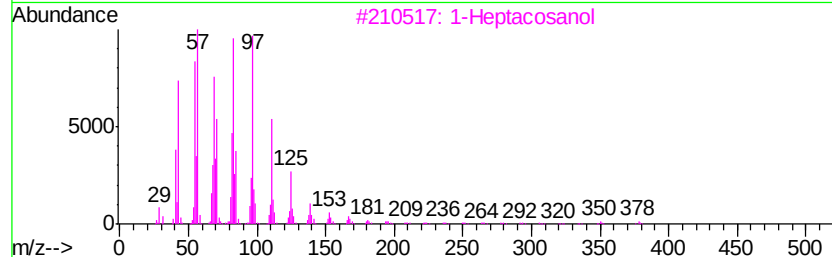
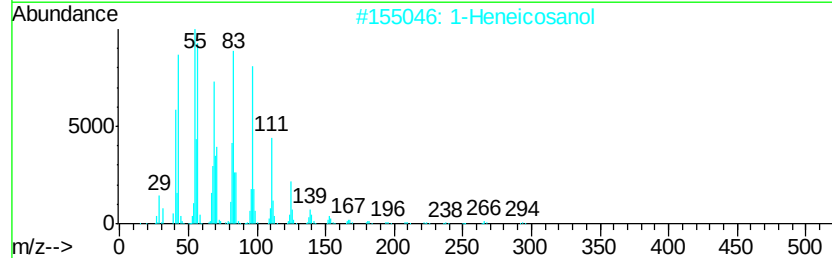
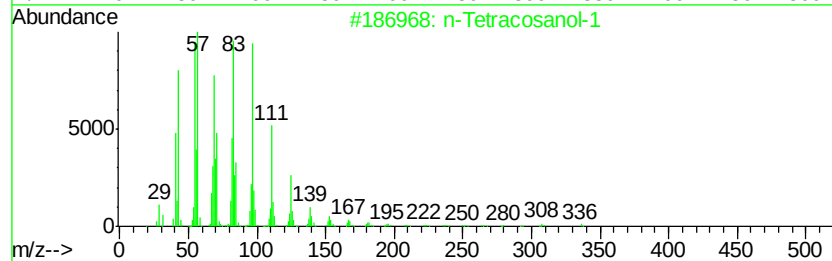
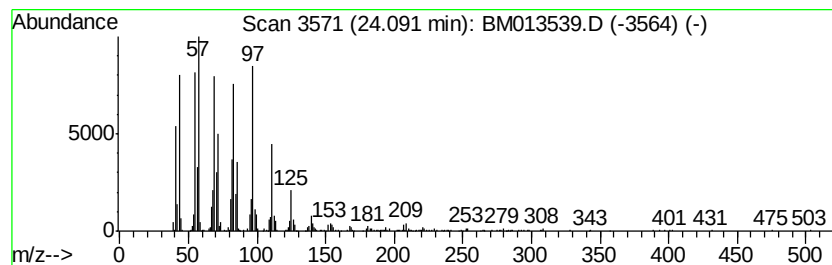
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 n-Tetracosanol-1 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	18.02 ng/ul	2037870	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		1-Heptacosanol	396	C27H56O	002004-39-9	93
4		Octacosanol	410	C28H58O	000557-61-9	93
5		E-15-Heptadecenal	252	C17H32O	1000130-97-9	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
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Sample : I7046-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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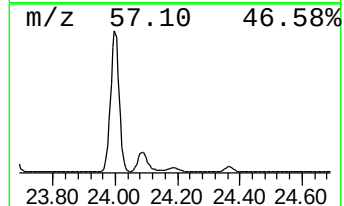
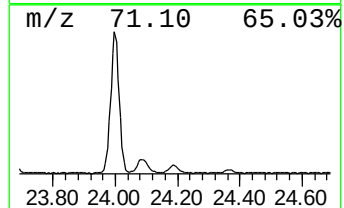
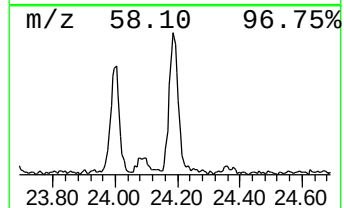
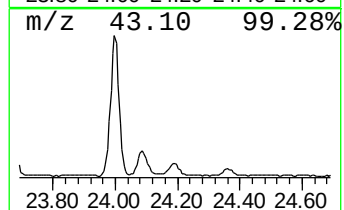
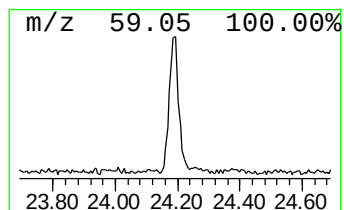
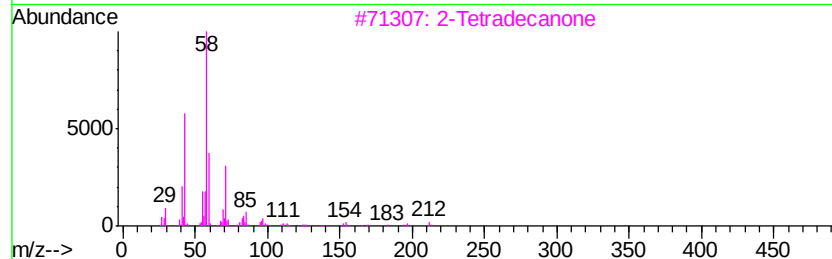
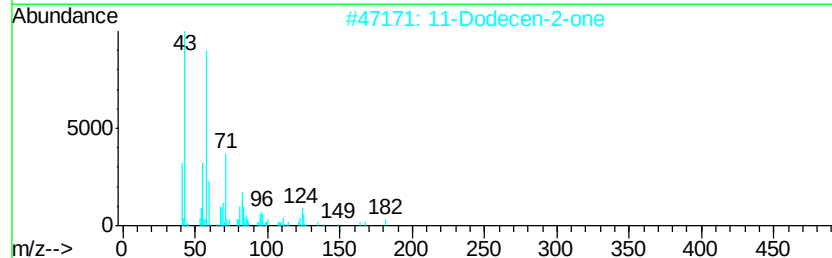
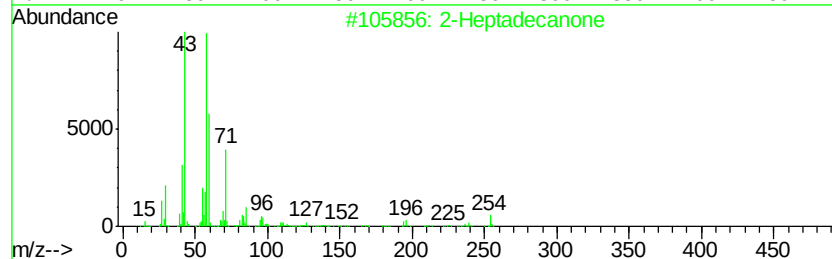
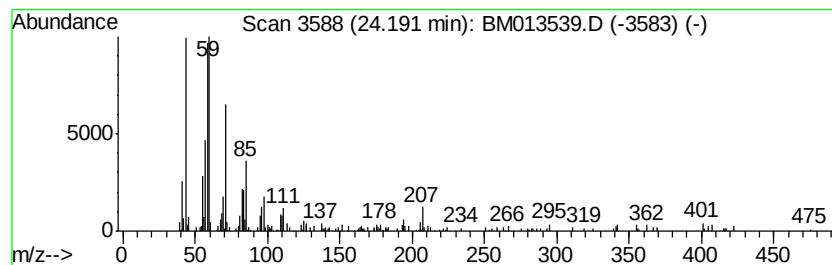
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 2-Heptadecanone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	5.00 ng/ul	565437	Perylene-d12	23.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptadecanone	254	C17H34O	002922-51-2	53
2			11-Dodecen-2-one	182	C12H22O	005009-33-6	47
3			2-Tetradecanone	212	C14H28O	002345-27-9	43
4			2-Pentadecanone	226	C15H30O	002345-28-0	43
5			6-Dimethylamino-4-ketohexanoic a...	187	C9H17NO3	1000353-25-7	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
Acq On : 26 Dec 2017 17:50
Operator : SJ/JU
Sample : I7046-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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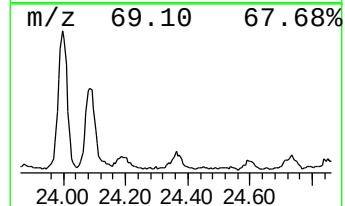
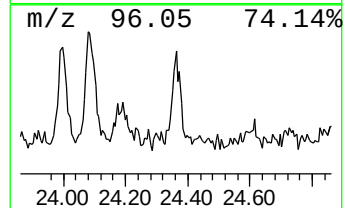
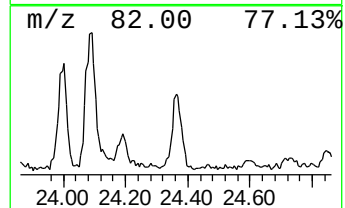
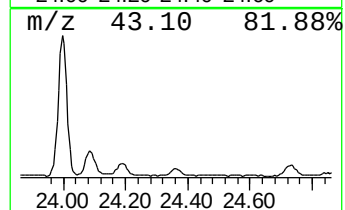
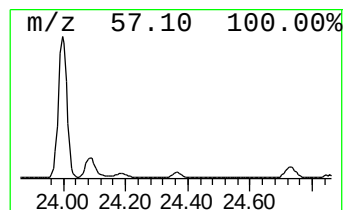
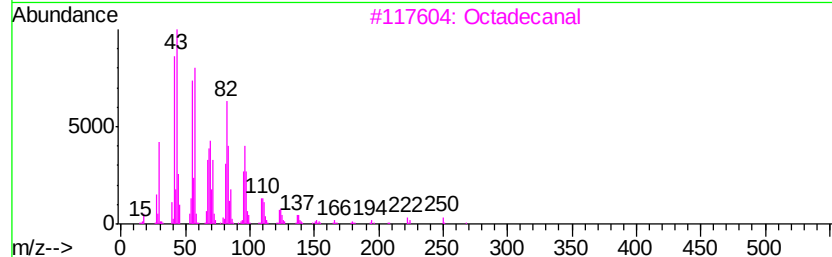
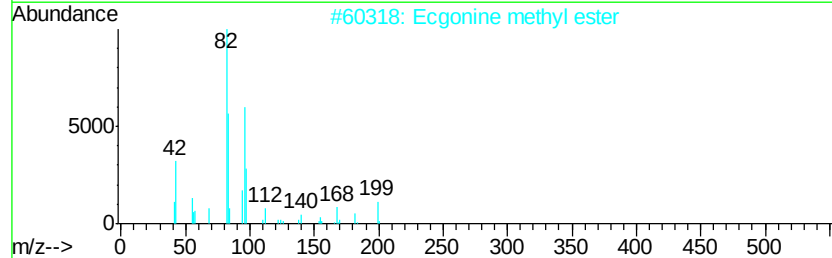
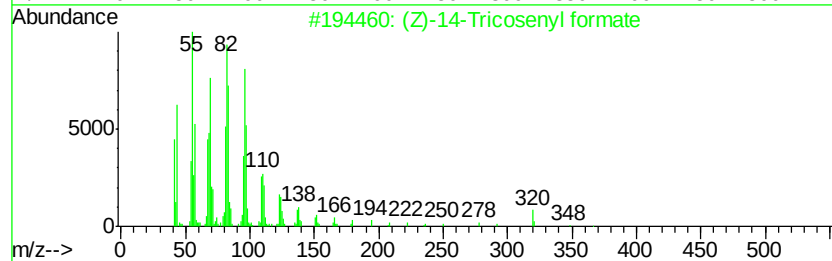
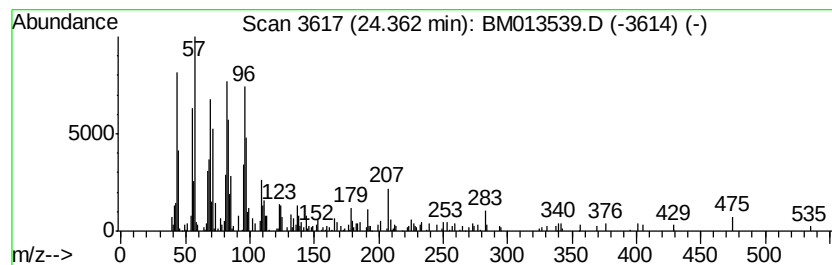
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (Z)-14-Tricosenyl formate Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	4.64 ng/ul	525217	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	72
2		Ecgonine methyl ester	199	C10H17NO3	106293-60-1	52
3		Octadecanal	268	C18H36O	000638-66-4	52
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	49
5		16-Octadecenal	266	C18H34O	056554-87-1	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
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Acq On : 26 Dec 2017 17:50
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ALS Vial : 13 Sample Multiplier: 1

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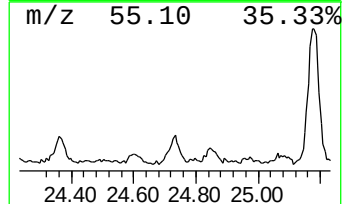
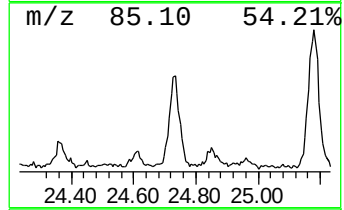
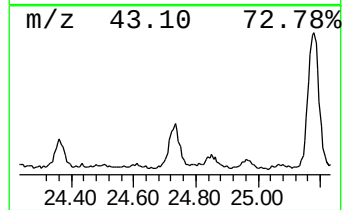
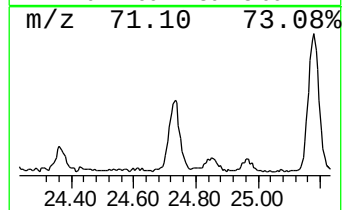
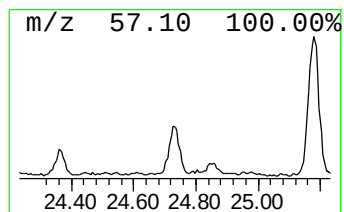
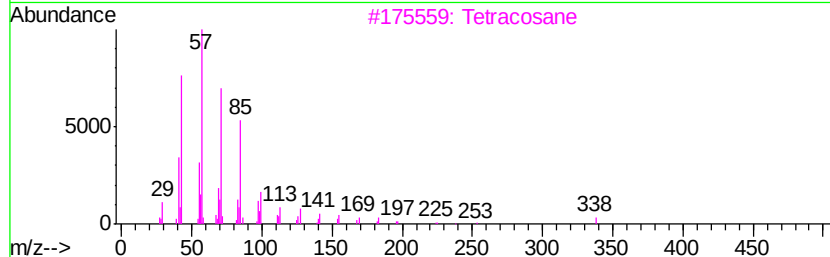
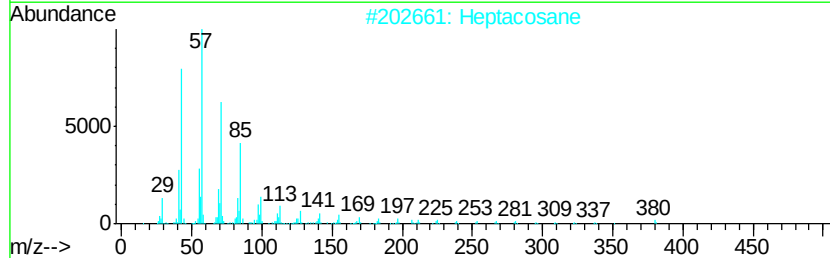
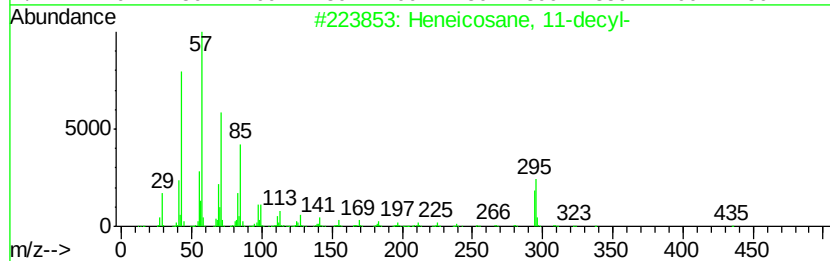
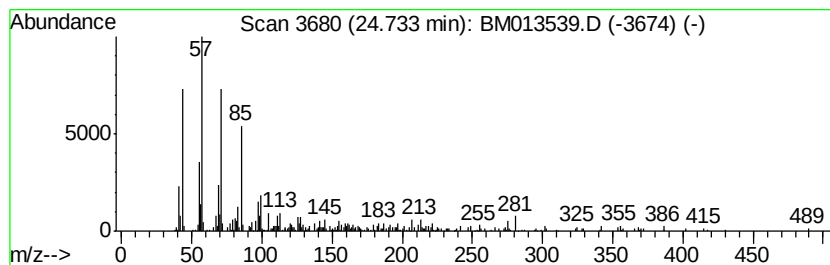
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	5.64 ng/ul	637768	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
2		Heptacosane	380	C27H56	000593-49-7	83
3		Tetracosane	338	C24H50	000646-31-1	83
4		Hexacosane	366	C26H54	000630-01-3	83
5		Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
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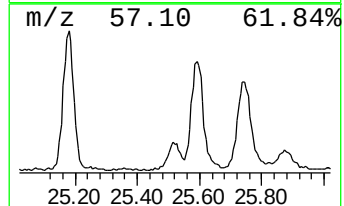
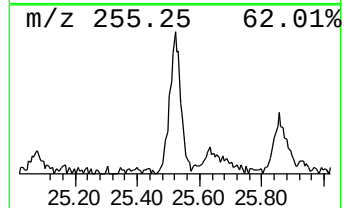
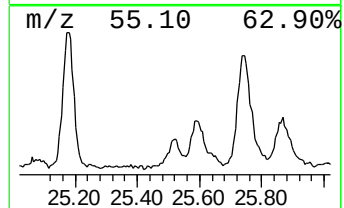
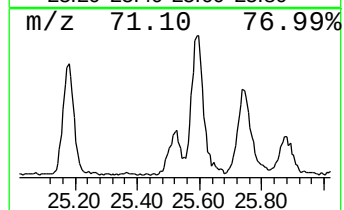
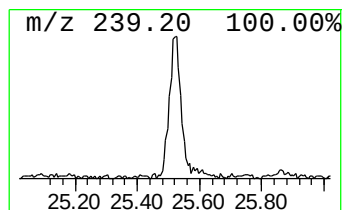
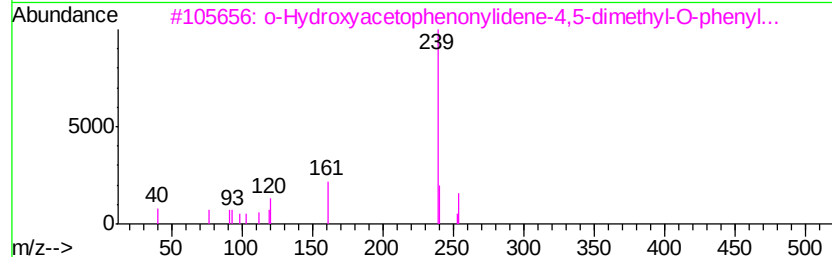
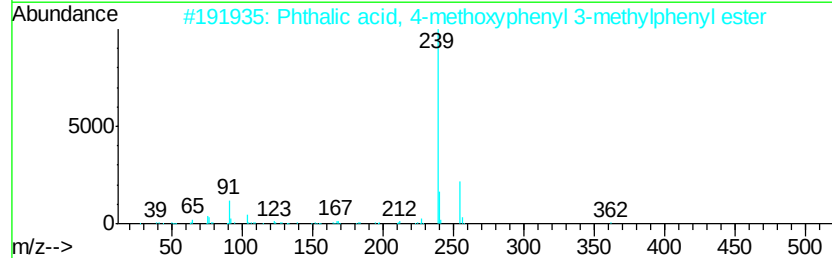
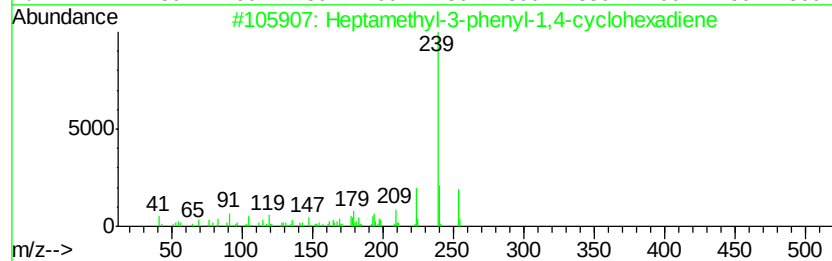
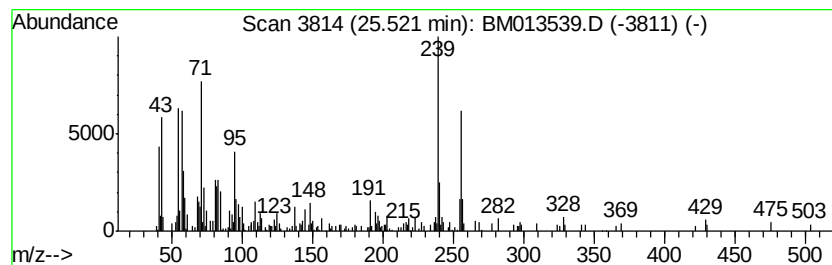
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.52	3.48 ng/ul	393337	Perylene-d12	23.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptamethyl-3-phenyl-1,4-cyclohe...	254 C19H26	122531-52-6 27
2		Phthalic acid, 4-methoxyphenyl 3...	362 C22H18O5	1000315-68-0 25
3		o-Hydroxyacetophenonylidene-4,5-...	254 C16H18N2O	103133-80-8 25
4		Hexadecanoic acid, 4-nitrophenyl...	377 C22H35NO4	001492-30-4 25
5		16-Hentriacontanone	450 C31H62O	000502-73-8 22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
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Acq On : 26 Dec 2017 17:50
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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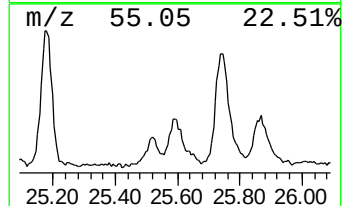
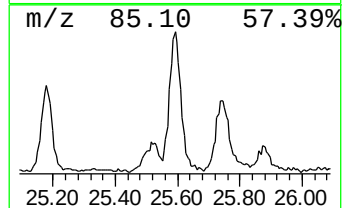
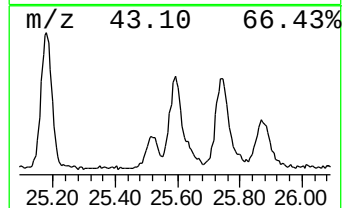
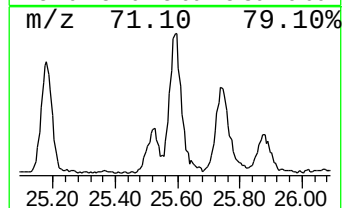
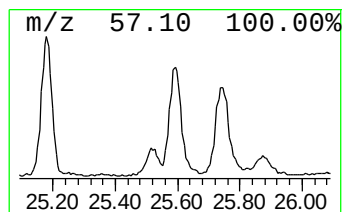
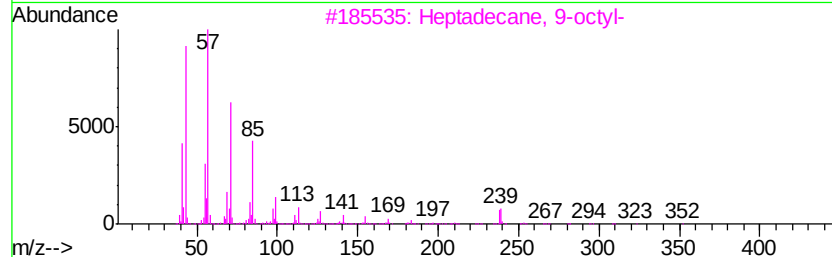
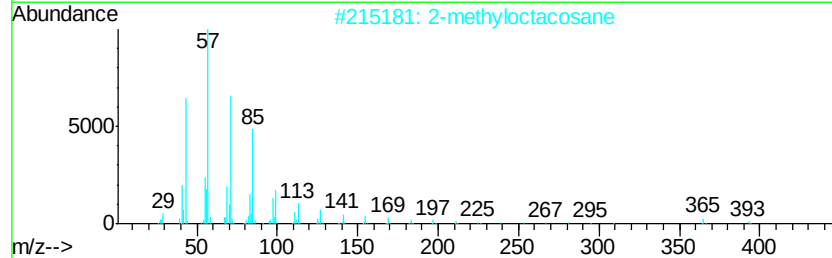
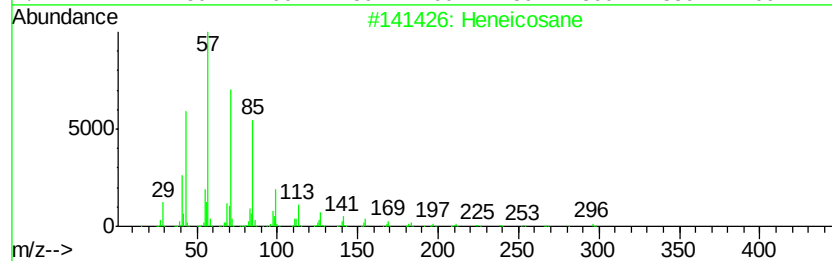
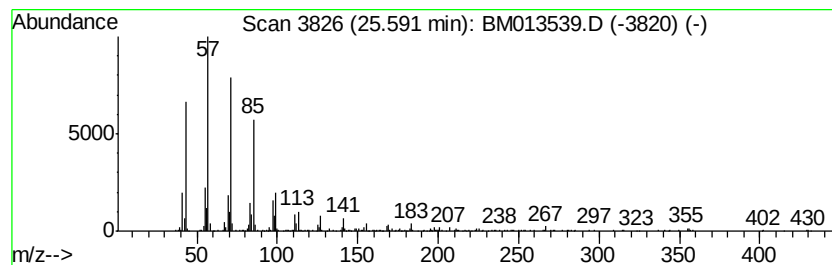
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.59	15.56 ng/ul	1759420	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
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Operator : SJ/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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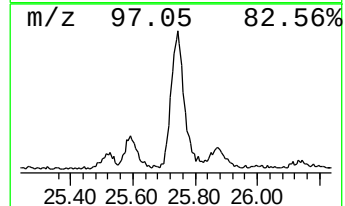
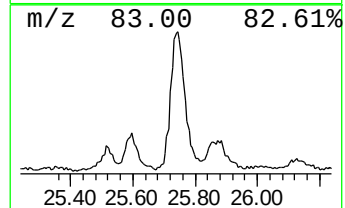
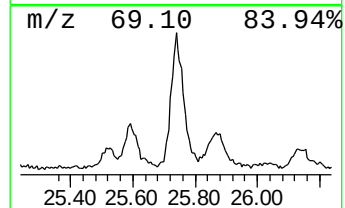
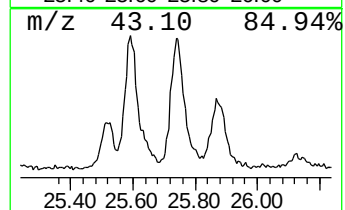
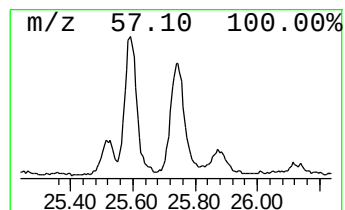
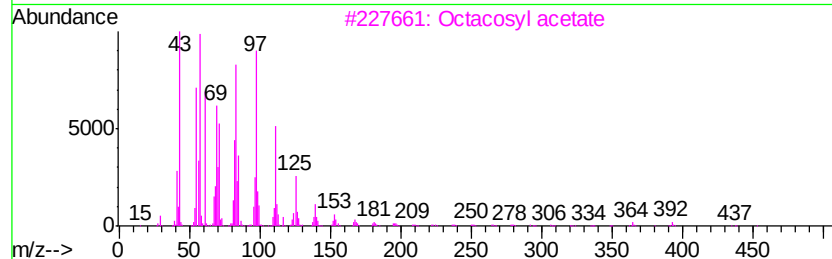
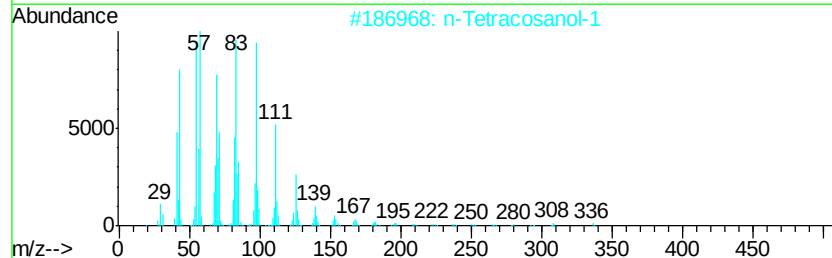
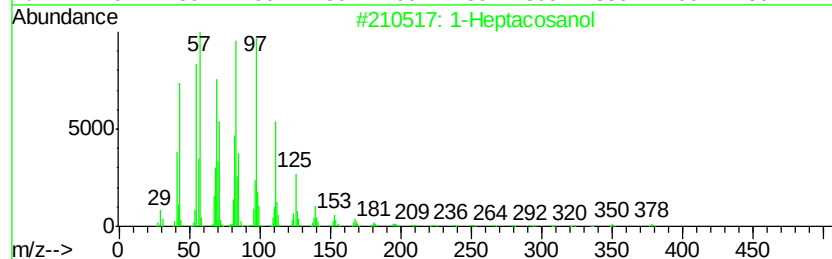
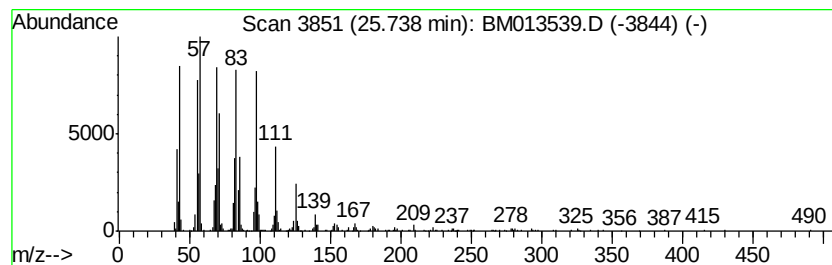
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1-Heptacosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.74	21.21 ng/ul	2399180	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		Octacosyl acetate	452	C30H60O2	018206-97-8	93
4		17-Pentatriacontene	491	C35H70	006971-40-0	93
5		Behenic alcohol	326	C22H46O	000661-19-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
Acq On : 26 Dec 2017 17:50
Operator : SJ/JU
Sample : I7046-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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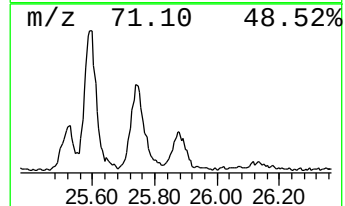
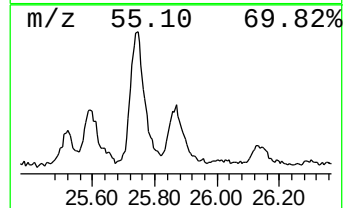
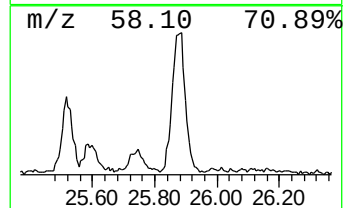
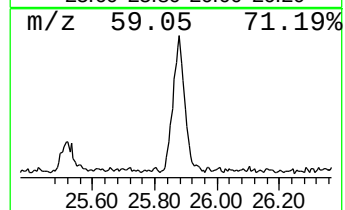
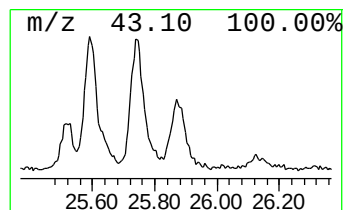
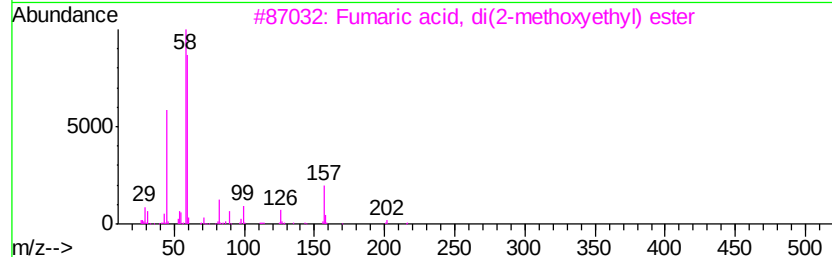
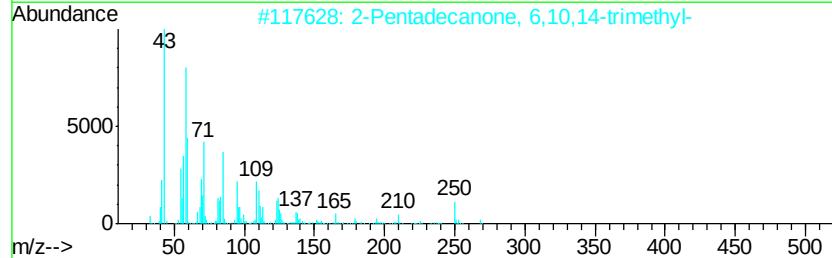
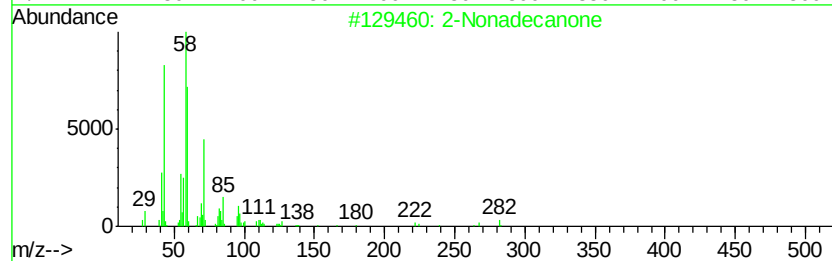
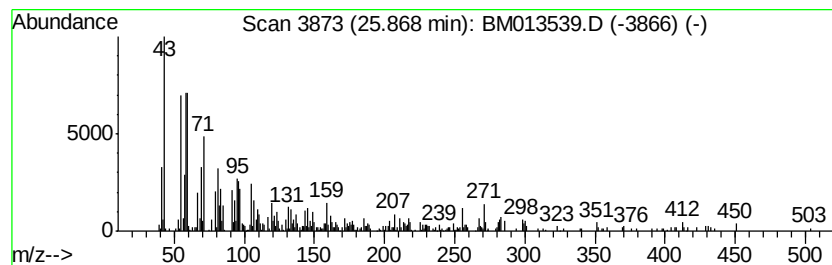
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	16.65 ng/ul	1882870	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Nonadecanone	282	C19H38O	000629-66-3	43
2		2-Pentadecanone, 6,10,14-trimethyl-	268	C18H36O	000502-69-2	43
3		Fumaric acid, di(2-methoxyethyl)...	232	C10H16O6	1000330-60-9	27
4		S-[2-[N,N-Dimethylamino]ethylpyr...	245	C10H19N3O2S	1000212-14-2	27
5		Guanidine, N-[3-[(2-bromophenyl)...	268	C10H13BrN4	1000349-85-6	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
Acq On : 26 Dec 2017 17:50
Operator : SJ/JU
Sample : I7046-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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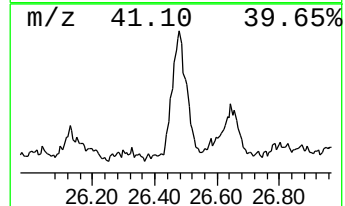
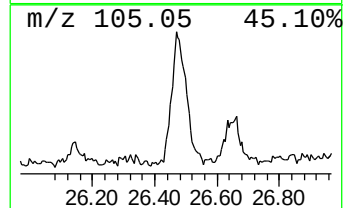
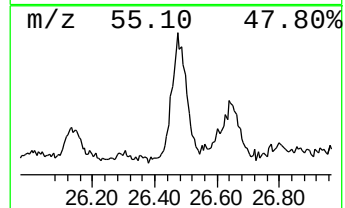
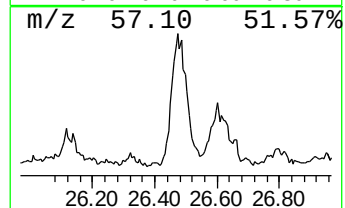
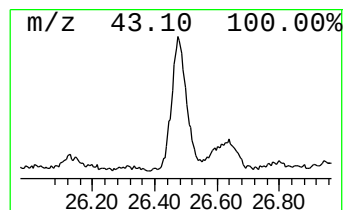
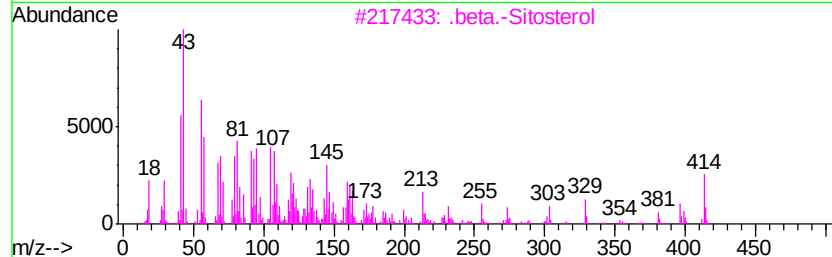
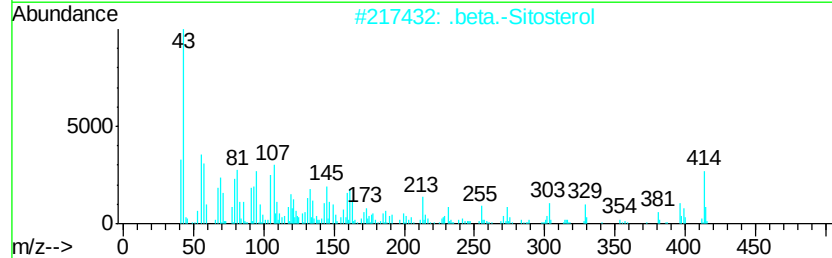
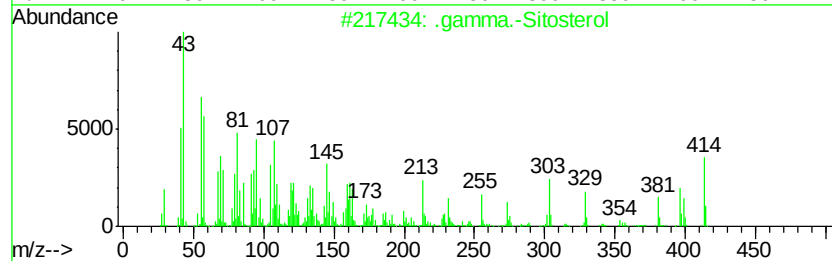
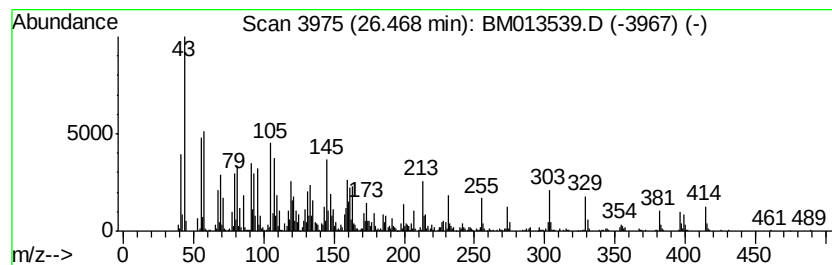
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.47	33.08 ng/ul	3740800	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	91
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	91
5		Campesterol	400	C28H48O	000474-62-4	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013539.D
Acq On : 26 Dec 2017 17:50
Operator : SJ/JU
Sample : I7046-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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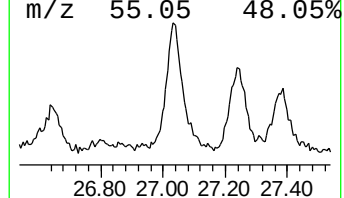
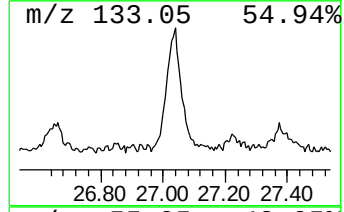
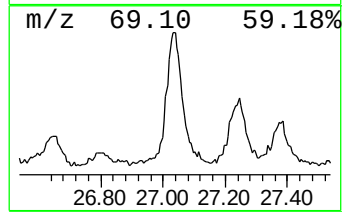
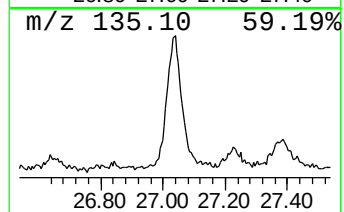
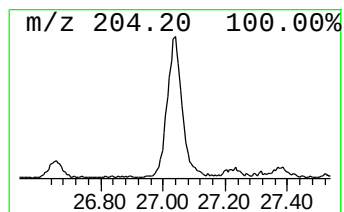
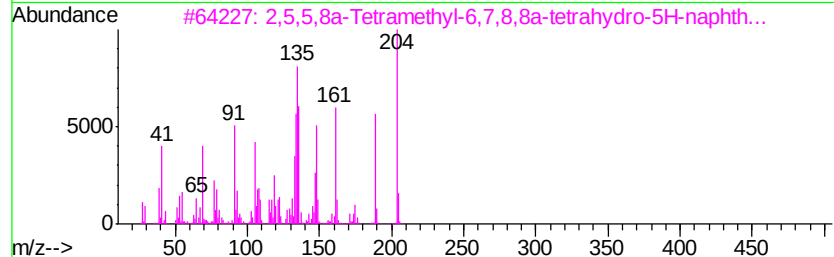
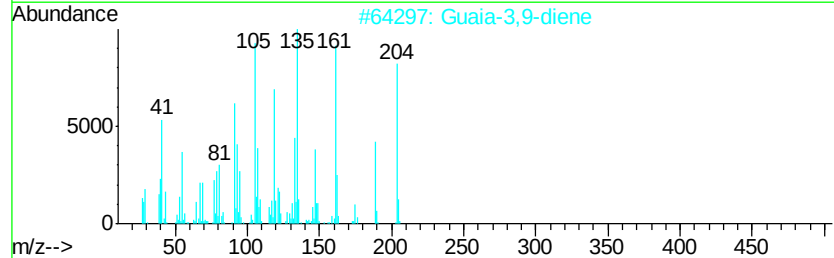
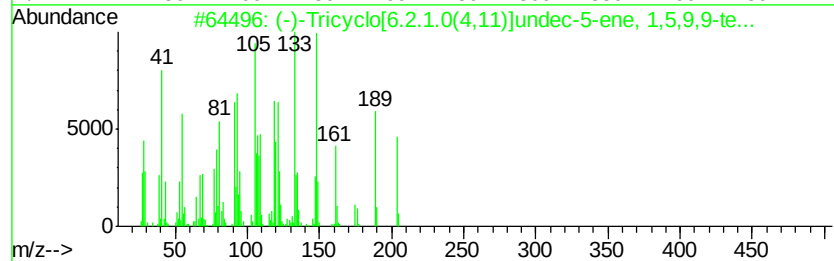
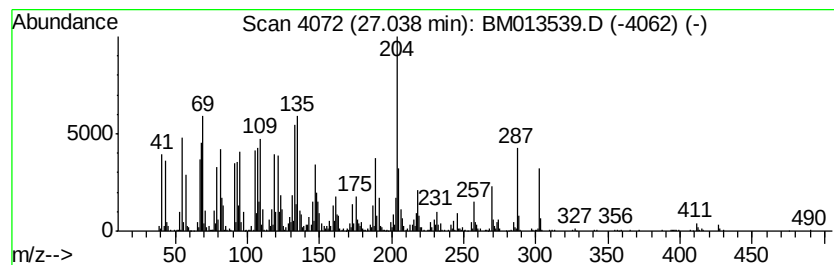
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (-)-Tricyclo[6.2.1.0(4,11)]... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.04	53.10 ng/ul	6004690	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	59
2		Guaia-3,9-diene	204	C15H24	000489-83-8	46
3		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	38
4		1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	35
5		1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
 Data File : BM013539.D
 Acq On : 26 Dec 2017 17:50
 Operator : SJ/JU
 Sample : I7046-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
n-Hexadecanoic acid	17.97	12.2	ng/ul	1728750	4	17.06	2831420	20.0
Scopoletin	18.22	13.0	ng/ul	1837640	4	17.06	2831420	20.0
(DEL) Alkane: Cyc...	18.83	2.0	ng/ul	284700	4	17.06	2831420	20.0
Octadecanoic acid	19.25	5.9	ng/ul	1004380	5	21.25	3409710	20.0
(DEL) Alkane: Cyc...	19.99	2.8	ng/ul	478891	5	21.25	3409710	20.0
(DEL) Alkane: Str...	20.01	2.5	ng/ul	424579	5	21.25	3409710	20.0
(DEL) Alkane: Cyc...	20.97	26.5	ng/ul	4512690	5	21.25	3409710	20.0
Trifluoroacetoxy ...	21.42	3.7	ng/ul	631727	5	21.25	3409710	20.0
Oxirane, hexadecyl-	21.59	4.4	ng/ul	750634	5	21.25	3409710	20.0
(DEL) Alkane: Cyc...	21.86	78.6	ng/ul	13402900	5	21.25	3409710	20.0
Oxirane, tetradecyl-	22.04	2.3	ng/ul	386244	5	21.25	3409710	20.0
Tetracosanoic acid	22.18	7.0	ng/ul	1202020	5	21.25	3409710	20.0
(DEL) Alkane: Str...	22.30	4.2	ng/ul	718590	5	21.25	3409710	20.0
n-Heptadecanol-1	22.33	3.1	ng/ul	527499	5	21.25	3409710	20.0
16-Octadecenal	22.53	22.6	ng/ul	2560290	6	23.47	2261850	20.0
(DEL) Alkane: Str...	22.80	60.5	ng/ul	6836170	6	23.47	2261850	20.0
1-Heneicosanol	22.85	21.0	ng/ul	2378040	6	23.47	2261850	20.0
Oxirane, heptadecyl-	23.06	3.7	ng/ul	420544	6	23.47	2261850	20.0
(DEL) Alkane: Str...	24.00	58.2	ng/ul	6582000	6	23.47	2261850	20.0
n-Tetracosanol-1	24.09	18.0	ng/ul	2037870	6	23.47	2261850	20.0
2-Heptadecanone	24.19	5.0	ng/ul	565437	6	23.47	2261850	20.0
(Z)-14-Tricosenyl...	24.36	4.6	ng/ul	525217	6	23.47	2261850	20.0
(DEL) Alkane: Str...	24.73	5.6	ng/ul	637768	6	23.47	2261850	20.0
unknown-01	25.52	3.5	ng/ul	393337	6	23.47	2261850	20.0
(DEL) Alkane: Str...	25.59	15.6	ng/ul	1759420	6	23.47	2261850	20.0
1-Heptacosanol	25.74	21.2	ng/ul	2399180	6	23.47	2261850	20.0
unknown-02	25.87	16.6	ng/ul	1882870	6	23.47	2261850	20.0
.gamma.-Sitosterol	26.47	33.1	ng/ul	3740800	6	23.47	2261850	20.0
(-)-Tricyclo[6.2....	27.04	53.1	ng/ul	6004690	6	23.47	2261850	20.0