

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
 Data File : BN003220.D
 Acq On : 19 Oct 2018 23:07
 Operator : MJ/SJ
 Sample : J5567-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.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	3.828	134	143	148	rBV5	14069	33913	1.01%	0.083%
2	3.887	148	153	169	rVB	196770	303006	9.03%	0.738%
3	6.805	643	649	668	rBV2	390960	919740	27.42%	2.242%
4	6.952	668	674	689	rVB	352851	560690	16.72%	1.367%
5	7.146	701	707	719	rBV	432733	722833	21.55%	1.762%
6	7.605	778	785	794	rBV	354508	571758	17.05%	1.393%
7	8.328	902	908	928	rBV	514249	928730	27.69%	2.264%
8	8.758	975	981	999	rBV	426676	716266	21.35%	1.746%
9	9.475	1096	1103	1116	rBV	369595	625570	18.65%	1.525%
10	10.022	1189	1196	1222	rBV	492821	1008105	30.06%	2.457%
11	10.375	1249	1256	1267	rBV	573004	964200	28.75%	2.350%
12	10.528	1274	1282	1298	rBV	378714	748990	22.33%	1.825%
13	12.834	1668	1674	1680	rBV2	22112	38313	1.14%	0.093%
14	13.663	1808	1815	1819	rBV	1032959	1461671	43.58%	3.562%
15	13.710	1819	1823	1832	rVB	236403	336755	10.04%	0.821%
16	13.934	1855	1861	1871	rBV	1277597	1926288	57.43%	4.695%
17	14.245	1907	1914	1924	rBV2	908338	1358840	40.51%	3.312%
18	14.510	1954	1959	1986	rBV	195372	591346	17.63%	1.441%
19	14.851	2013	2017	2025	rVB	33726	50770	1.51%	0.124%
20	15.245	2066	2084	2106	rBV	1717110	2813761	83.89%	6.858%
21	15.404	2106	2111	2121	rVV	442271	717612	21.40%	1.749%
22	15.487	2122	2125	2133	rVB2	21393	35390	1.06%	0.086%
23	16.422	2279	2284	2297	rBV	93340	148211	4.42%	0.361%
24	17.004	2377	2383	2390	rVB2	1129888	1654815	49.34%	4.033%
25	17.098	2393	2399	2408	rVB	1722335	2548738	75.99%	6.212%
26	17.186	2410	2414	2421	rVV3	22461	34923	1.04%	0.085%
27	17.792	2510	2517	2526	rBV2	75787	178765	5.33%	0.436%
28	17.916	2531	2538	2566	rVV	1334110	2114420	63.04%	5.153%
29	18.581	2647	2651	2660	rBV7	24493	44572	1.33%	0.109%
30	19.051	2727	2731	2732	rVV	77622	105632	3.15%	0.257%
31	19.080	2732	2736	2748	rVV3	201366	529201	15.78%	1.290%
32	19.198	2752	2756	2769	rVV2	167869	296052	8.83%	0.722%
33	19.404	2786	2791	2798	rBV	2089981	2973215	88.64%	7.246%
34	19.957	2881	2885	2890	rBV	52901	54360	1.62%	0.132%

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35	20.051	2898	2901	2906	rBV3	34266	44592	1.33%	0.109%
36	20.457	2966	2970	2973	rBV2	82175	96600	2.88%	0.235%
37	20.922	3045	3049	3052	rBV	114950	166859	4.97%	0.407%
38	21.210	3093	3098	3108	rVB	1456120	2035013	60.67%	4.960%
39	21.357	3119	3123	3129	rBV	181583	201949	6.02%	0.492%
40	21.786	3192	3196	3201	rVB	240869	275239	8.21%	0.671%
41	22.239	3268	3273	3283	rVB	355512	483755	14.42%	1.179%
42	22.363	3289	3294	3301	rVB	334623	458213	13.66%	1.117%
43	22.727	3352	3356	3361	rVB	324478	460757	13.74%	1.123%
44	23.280	3442	3450	3461	rBV	1838142	3354093	100.00%	8.175%
45	23.416	3467	3473	3489	rVB	975142	2056838	61.32%	5.013%
46	23.898	3549	3555	3565	rVB	267068	499082	14.88%	1.216%
47	24.351	3627	3632	3652	rVB	103324	389952	11.63%	0.950%
48	24.639	3671	3681	3701	rBV5	439044	1841251	54.90%	4.488%
49	24.980	3732	3739	3756	rBV8	131739	548834	16.36%	1.338%

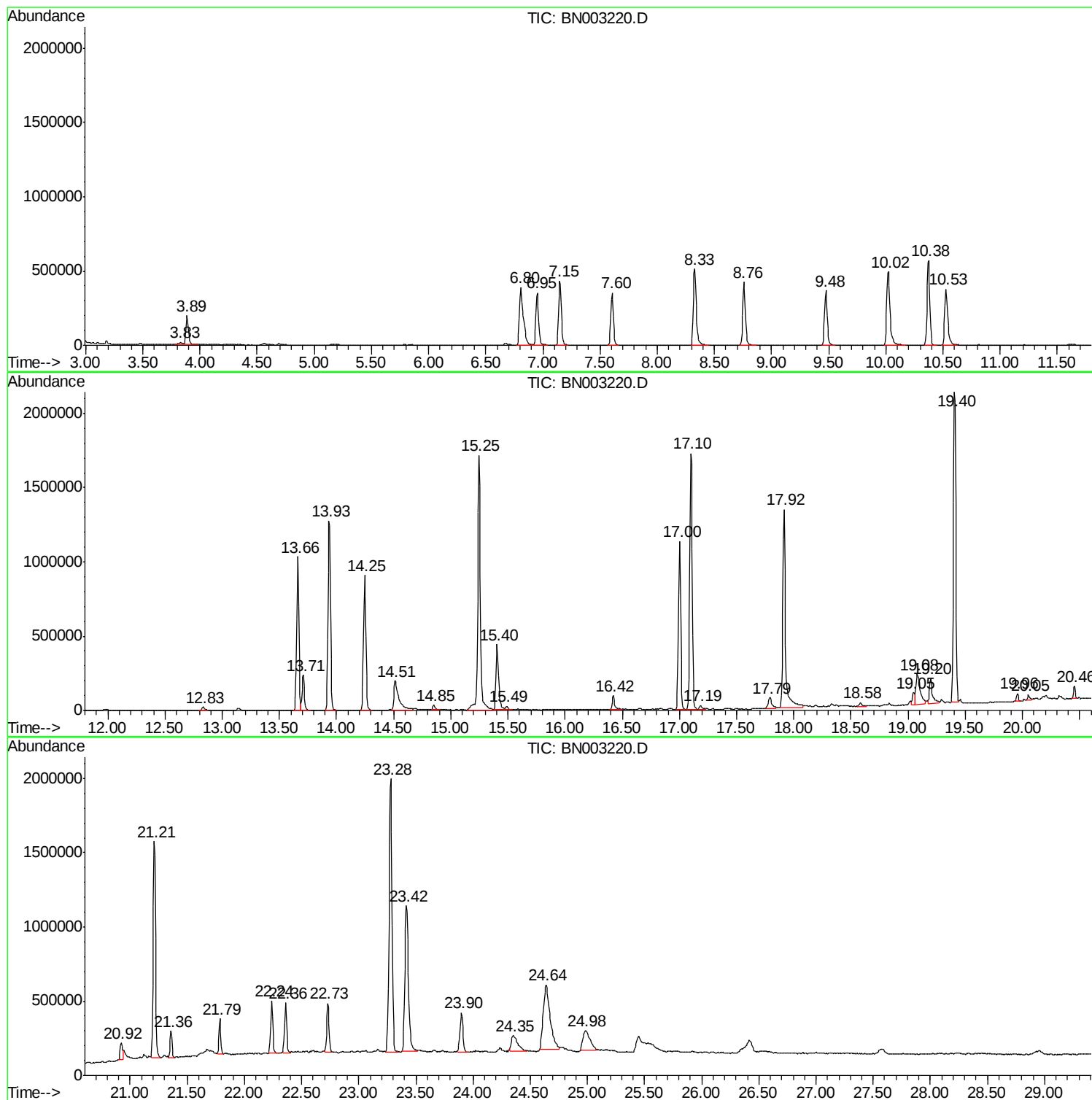
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION

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



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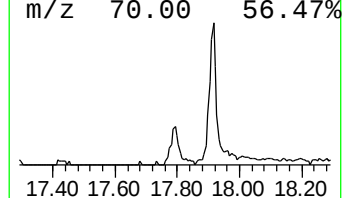
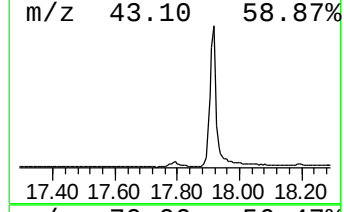
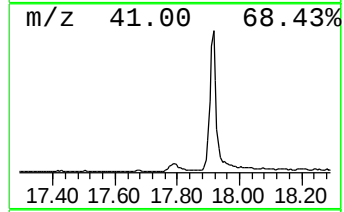
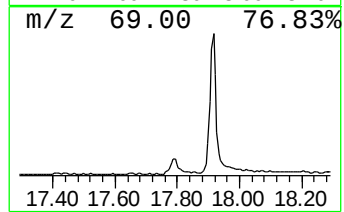
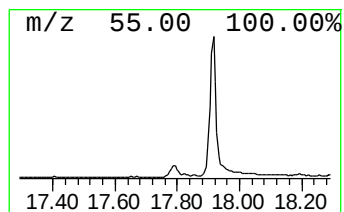
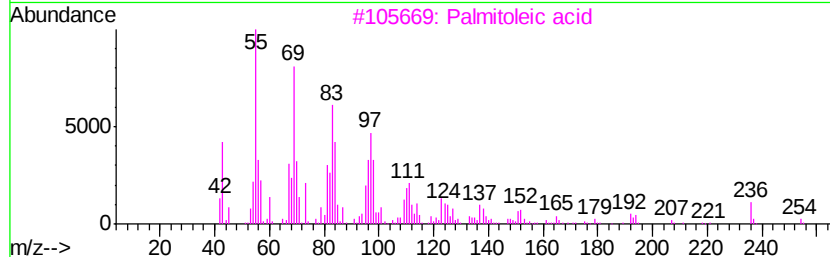
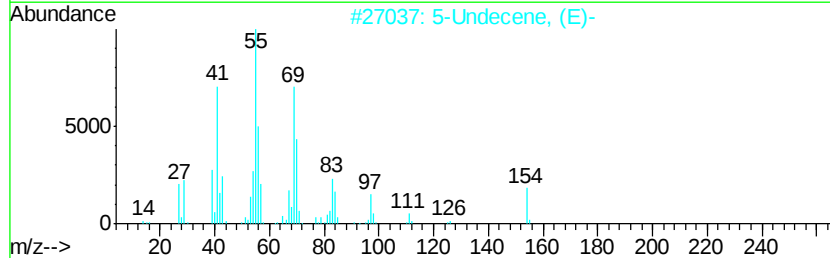
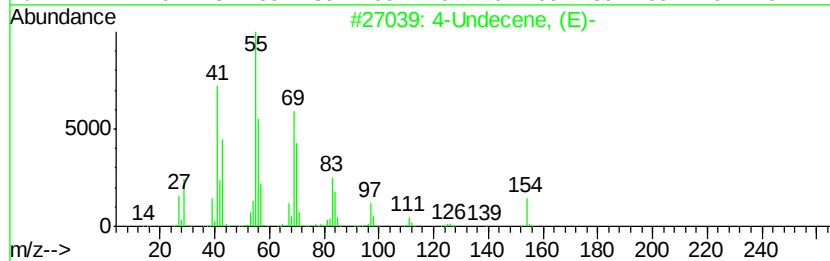
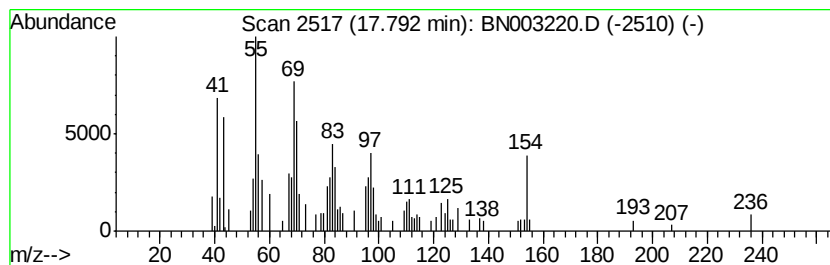
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic17.79 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.16 ng/ul	178765	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Undecene, (E)-	154	C11H22	000693-62-9	70
2			5-Undecene, (E)-	154	C11H22	000764-97-6	70
3			Palmitoleic acid	254	C16H30O2	000373-49-9	64
4			5-Undecene	154	C11H22	004941-53-1	58
5			Cyclooctane, methyl-	126	C9H18	001502-38-1	58



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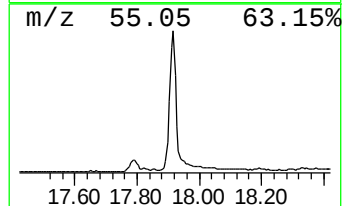
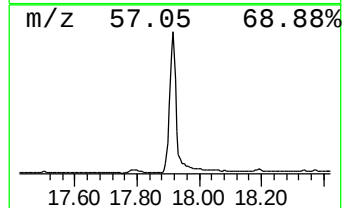
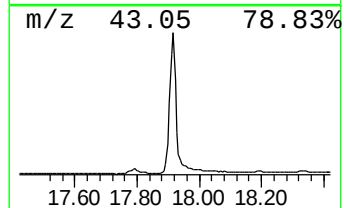
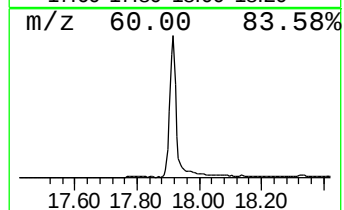
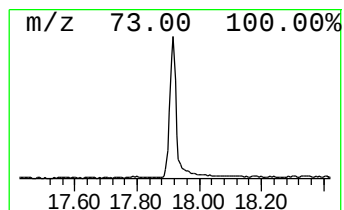
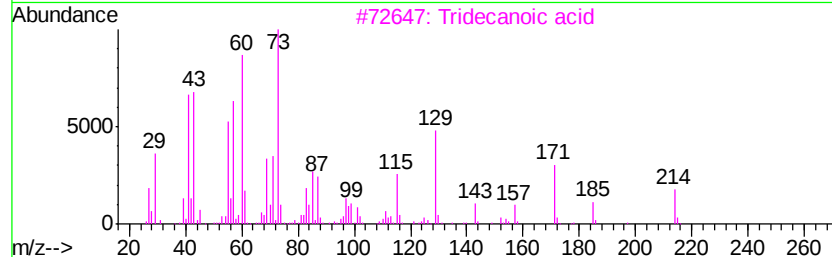
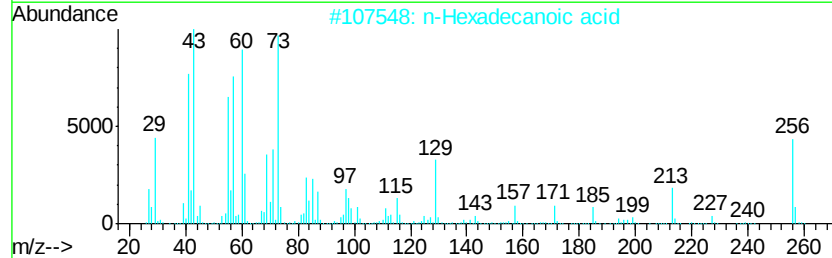
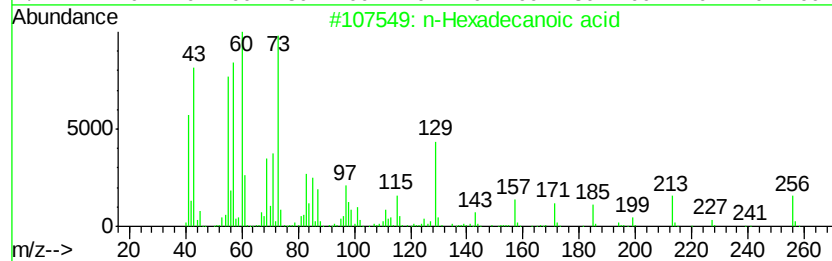
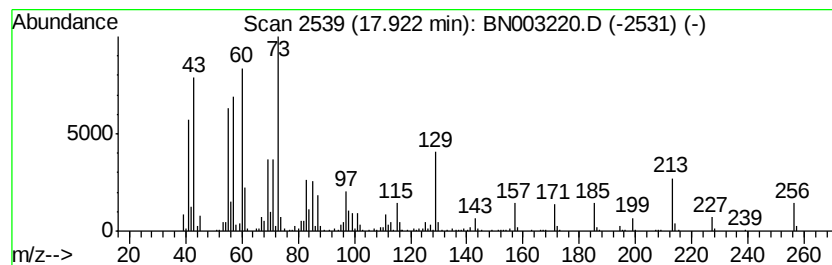
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	25.55 ng/ul	2114420	Phenanthrene-d10	17.00

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	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	86



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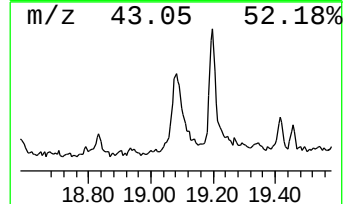
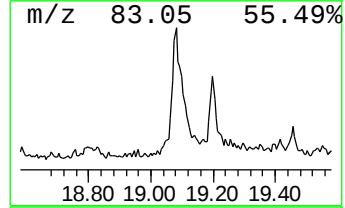
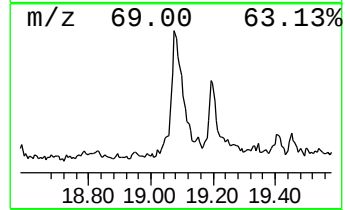
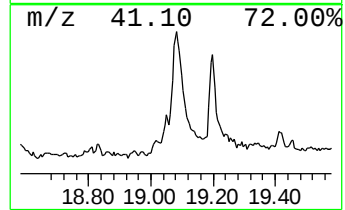
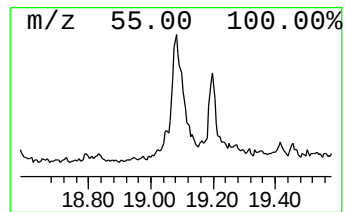
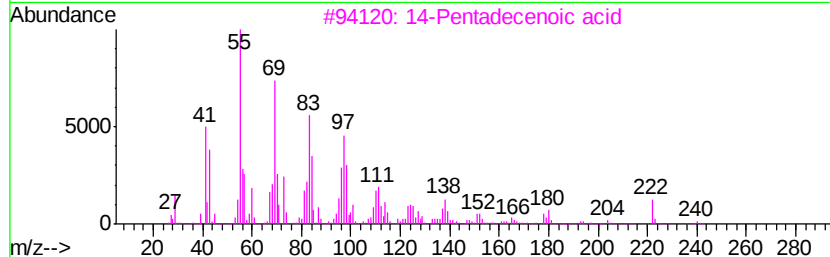
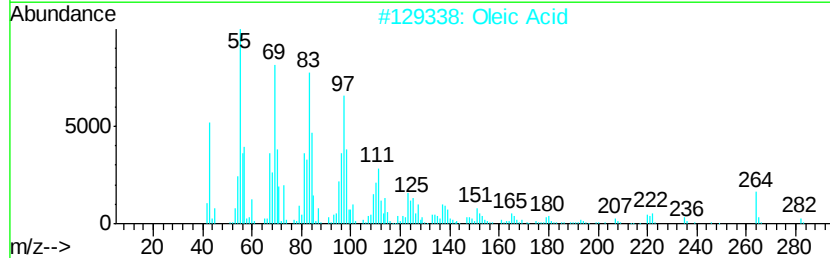
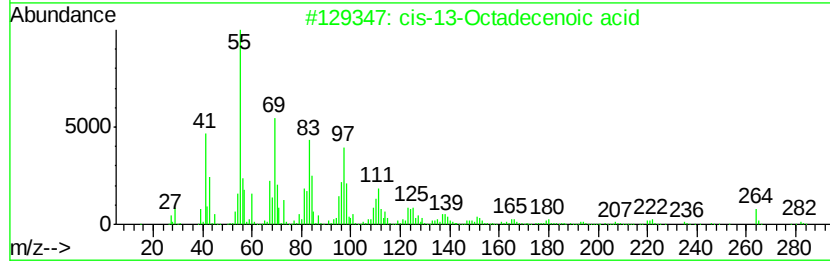
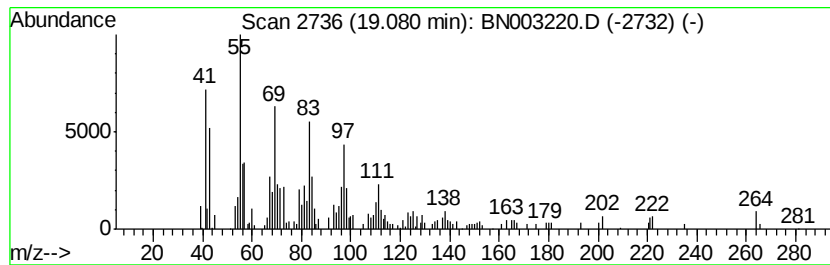
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Peak Number 4 cis-13-Octadecenoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	6.40 ng/ul	529201	Phenanthrene-d10	17.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	90
2		Oleic Acid	282	C18H34O2	000112-80-1	87
3		14-Pentadecenoic acid	240	C15H28O2	017351-34-7	87
4		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	87
5		Oleic Acid	282	C18H34O2	000112-80-1	86



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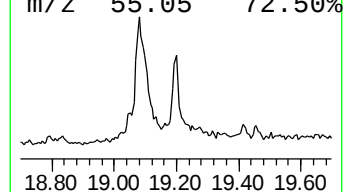
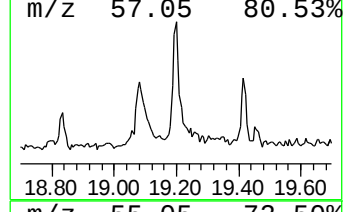
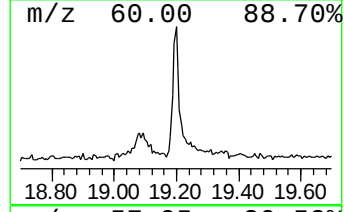
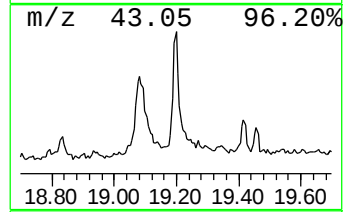
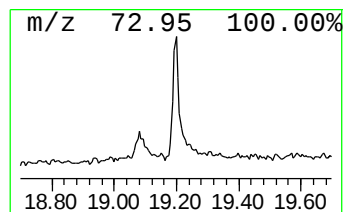
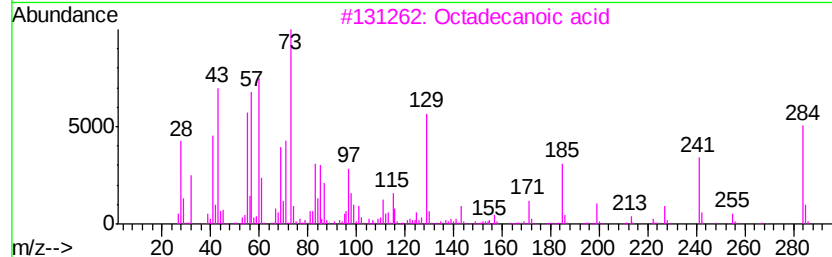
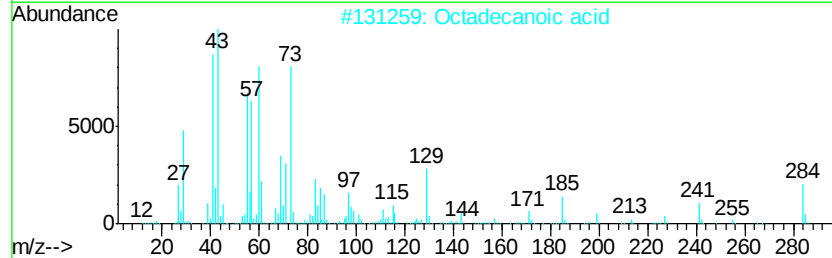
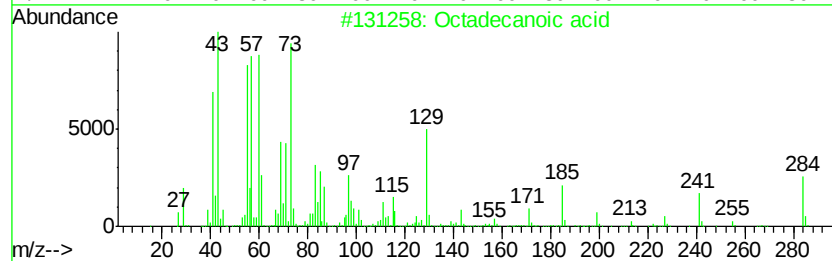
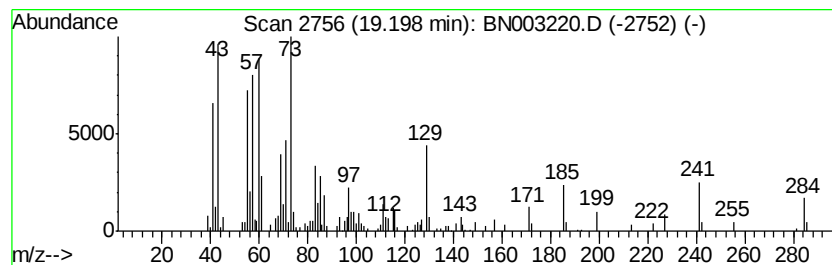
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Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.91 ng/ul	296052	Chrysene-d12	21.21
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	98
3	Octadecanoic acid	284 C18H36O2	000057-11-4	96
4	Octadecanoic acid	284 C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	93



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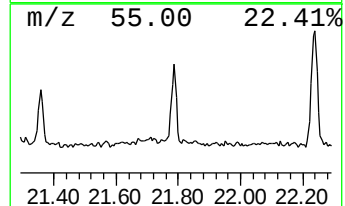
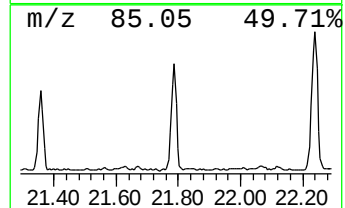
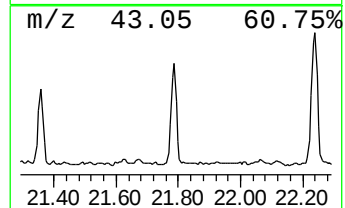
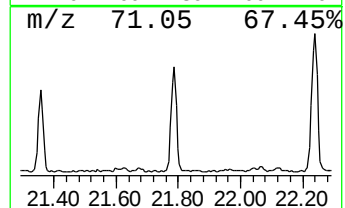
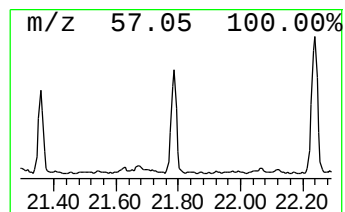
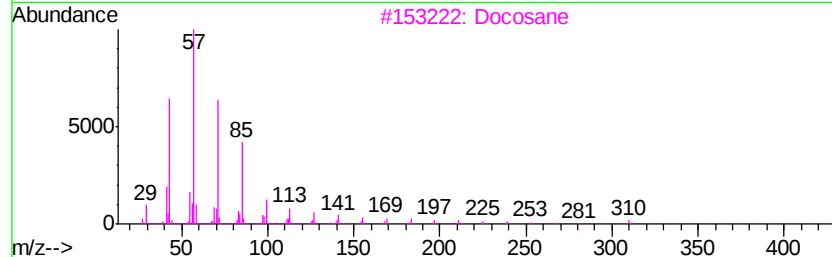
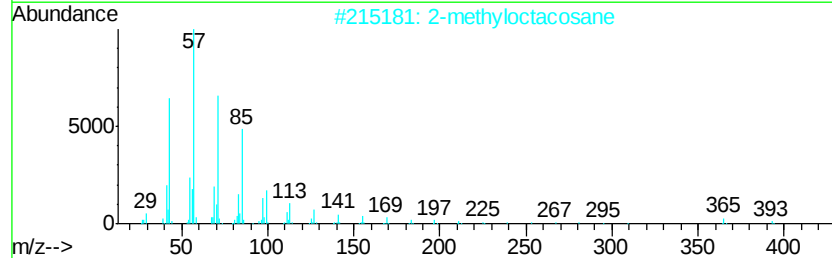
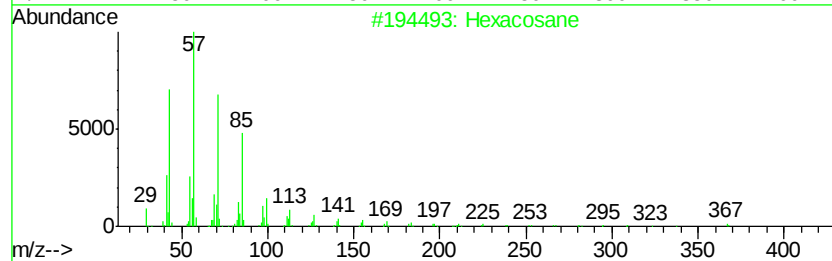
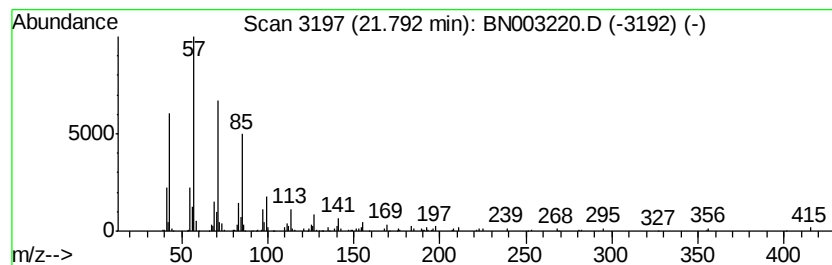
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.71 ng/ul	275239	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Docosane	310	C22H46	000629-97-0	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003220.D
Acq On : 19 Oct 2018 23:07
Operator : MJ/SJ
Sample : J5567-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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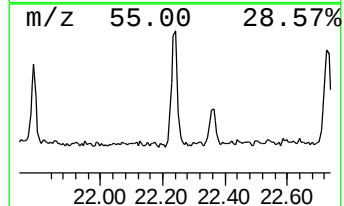
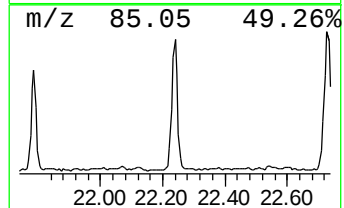
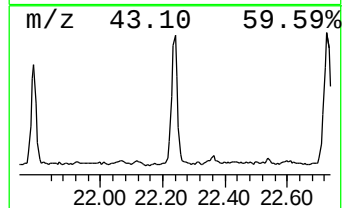
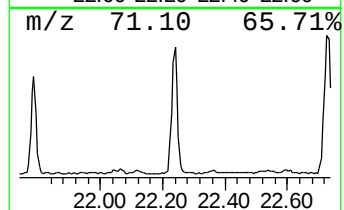
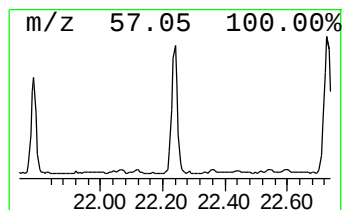
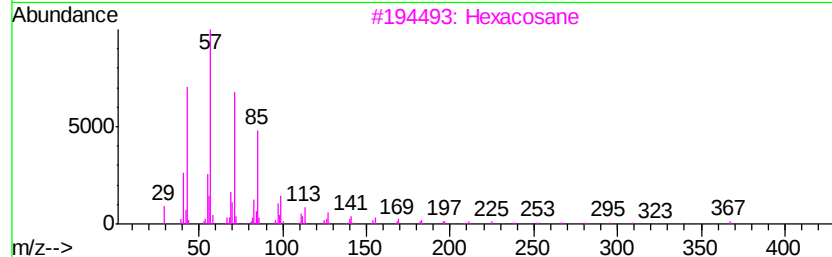
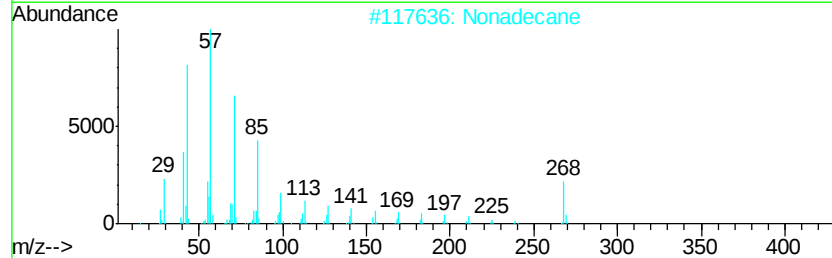
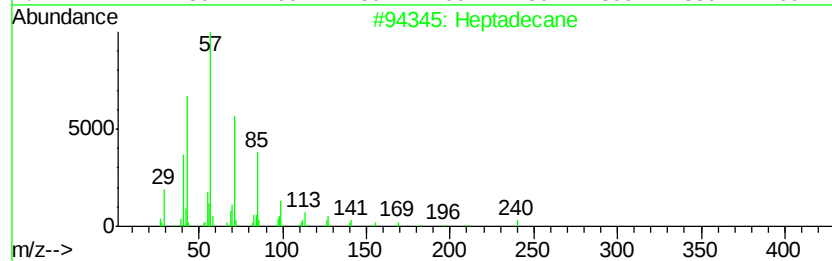
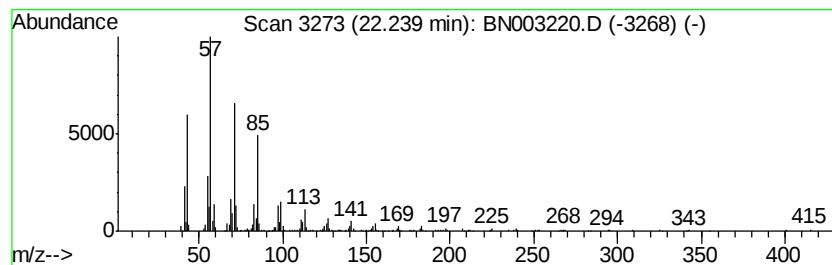
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	4.75 ng/ul	483755	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Nonadecane	268	C19H40	000629-92-5	93
3		Hexacosane	366	C26H54	000630-01-3	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003220.D
Acq On : 19 Oct 2018 23:07
Operator : MJ/SJ
Sample : J5567-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

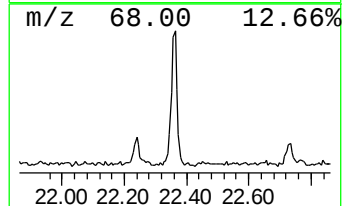
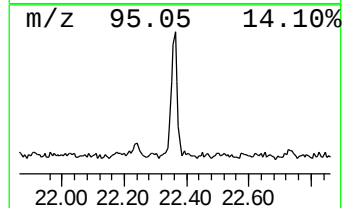
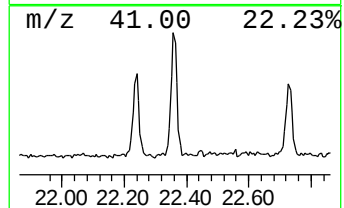
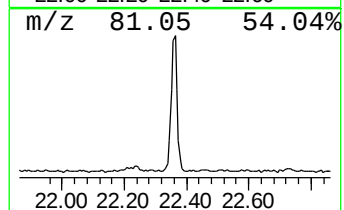
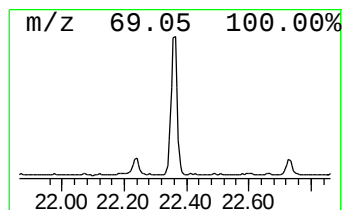
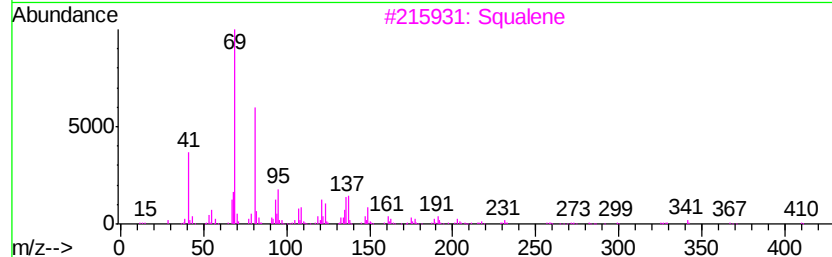
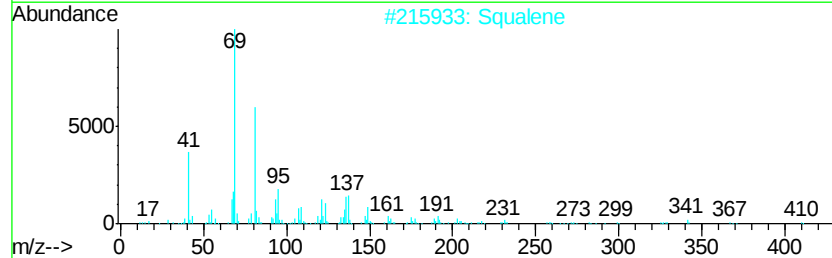
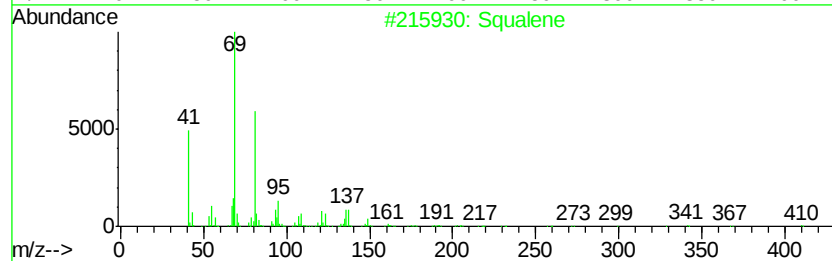
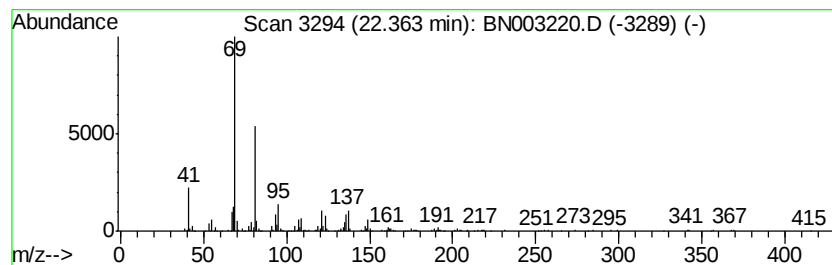
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	4.46 ng/ul	458213	Perylene-d12	23.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 91
2	Squalene		410 C30H50	000111-02-4 91
3	Squalene		410 C30H50	000111-02-4 91
4	Supraene		410 C30H50	007683-64-9 91
5	Squalene		410 C30H50	000111-02-4 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003220.D
Acq On : 19 Oct 2018 23:07
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Sample : J5567-01
Misc :
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Instrument :
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ClientSampleId :
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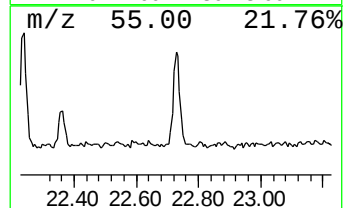
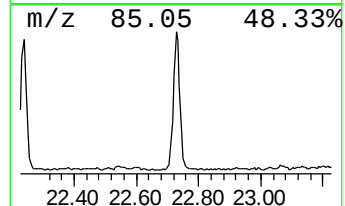
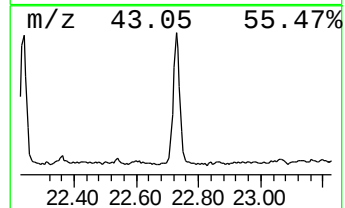
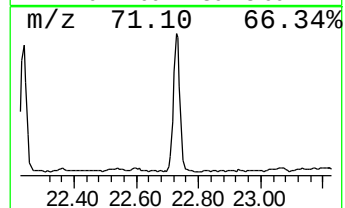
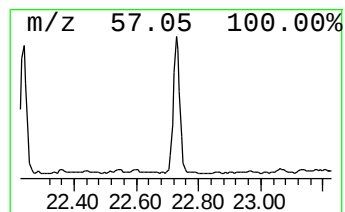
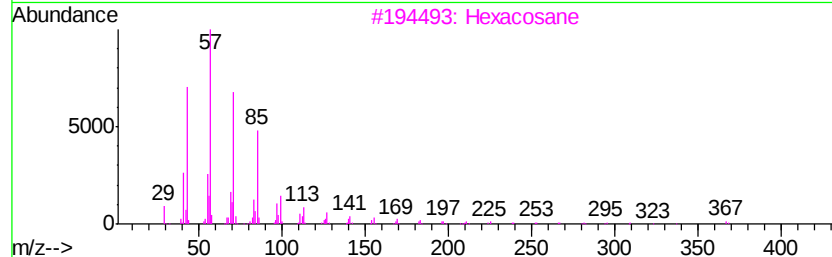
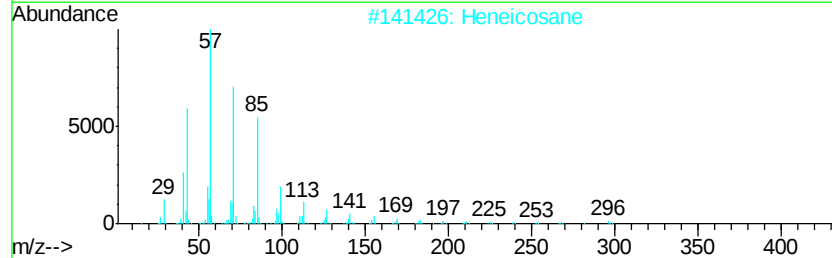
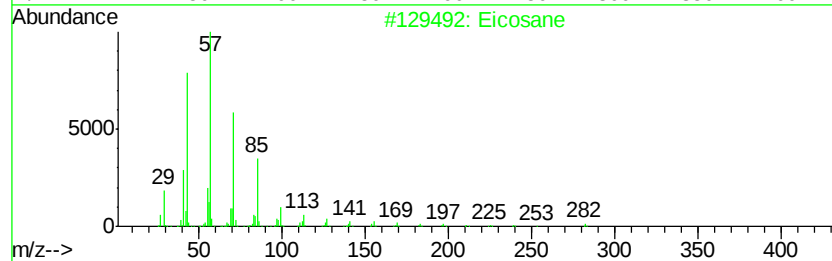
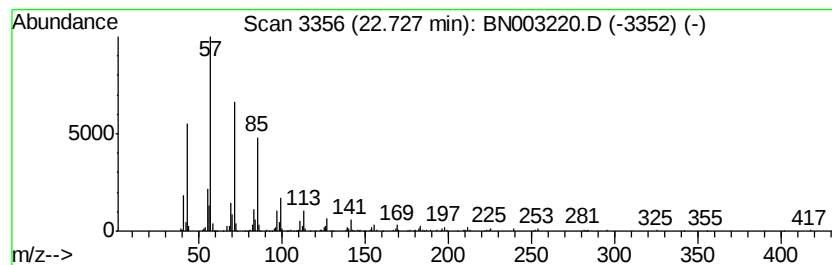
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	4.48 ng/ul	460757	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003220.D
Acq On : 19 Oct 2018 23:07
Operator : MJ/SJ
Sample : J5567-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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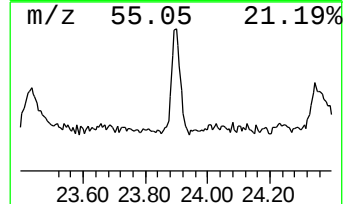
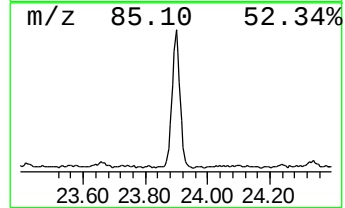
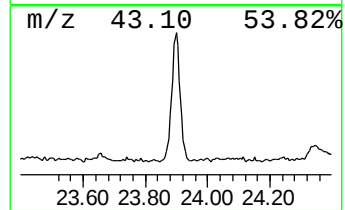
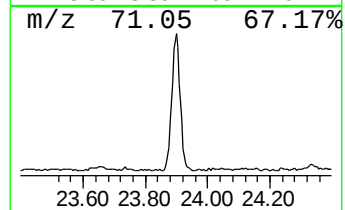
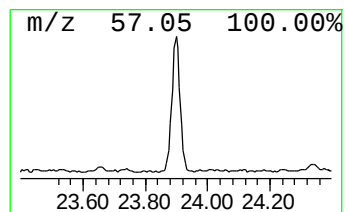
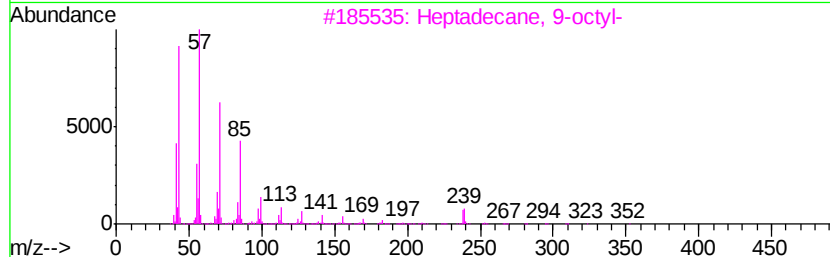
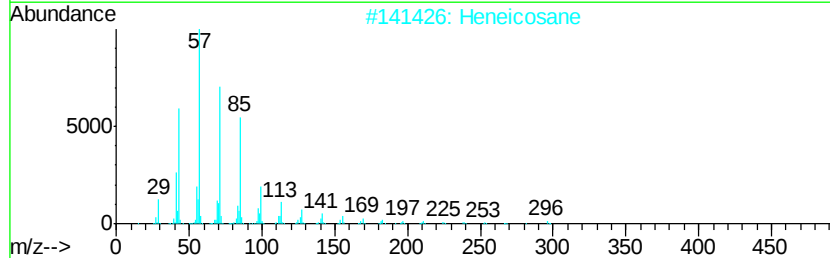
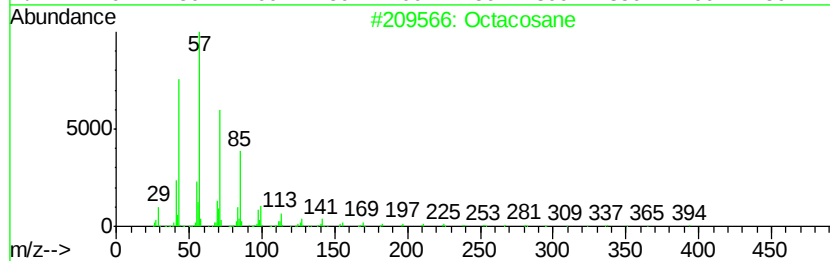
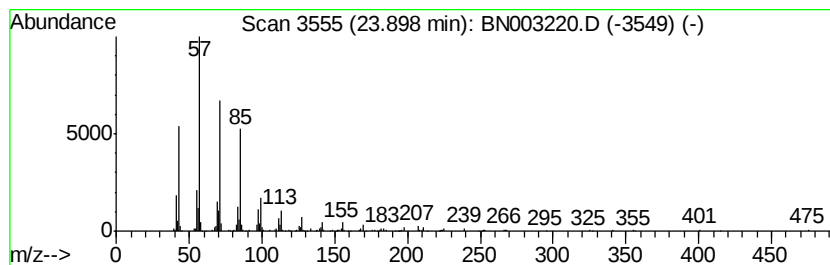
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	4.85 ng/ul	499082	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003220.D
Acq On : 19 Oct 2018 23:07
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Sample : J5567-01
Misc :
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Instrument :
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ClientSampled :
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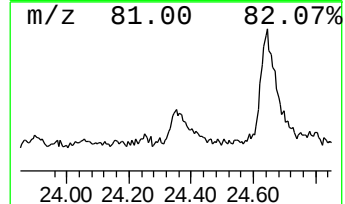
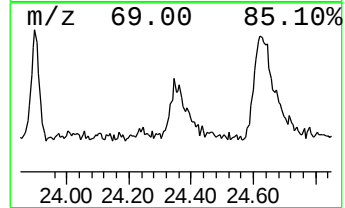
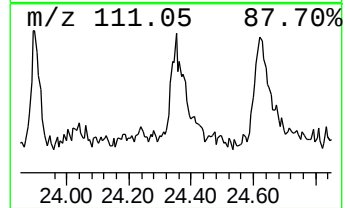
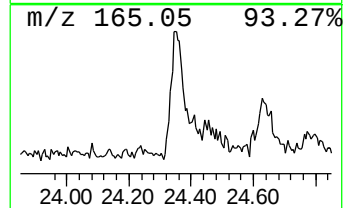
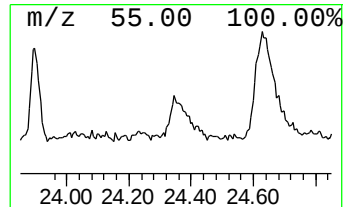
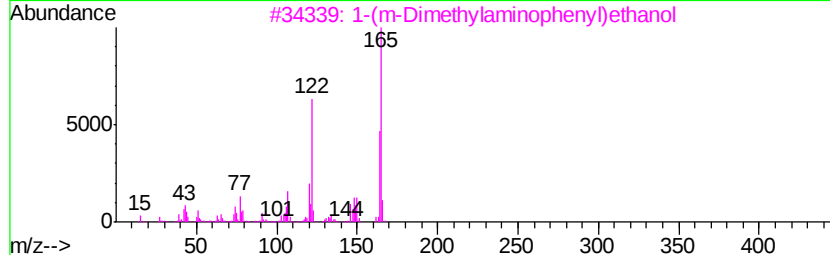
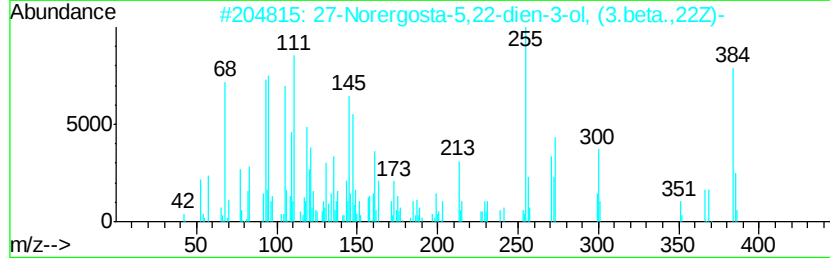
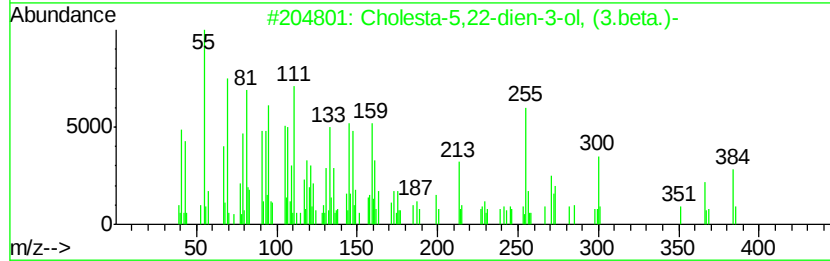
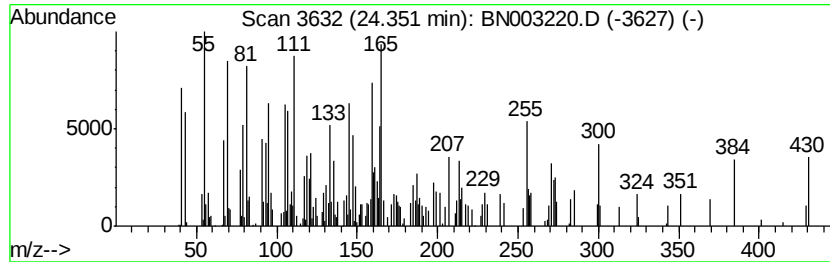
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cholesta-5,22-dien-3-ol, (3... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.35	3.79 ng/ul	389952	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholesta-5,22-dien-3-ol, (3.beta.)-	384	C27H44O	092218-20-7	92
2		27-Norergosta-5,22-dien-3-ol, (3...	384	C27H44O	058072-43-8	83
3		1-(m-Dimethylaminophenyl)ethanol	165	C10H15NO	005339-01-5	15
4		4,5,6,7-Tetrahydro-benzo[c]thiop...	273	C15H15N02S	1000274-24-9	15
5		Benzene, [(4-phenoxybutyl)thio]-	258	C16H18OS	059950-11-7	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003220.D
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Sample : J5567-01
Misc :
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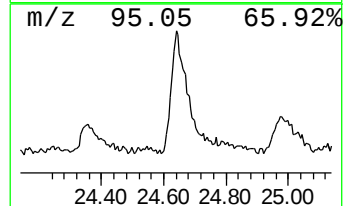
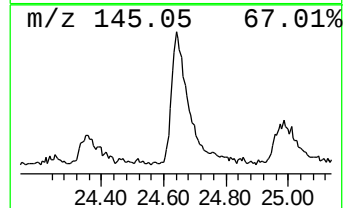
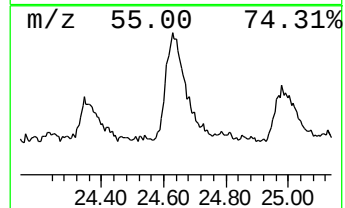
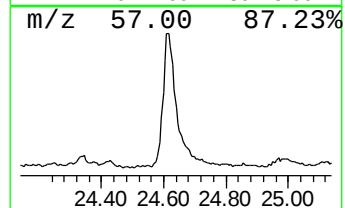
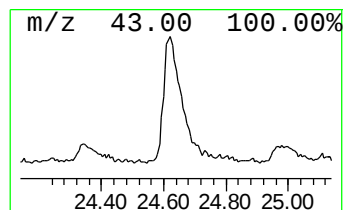
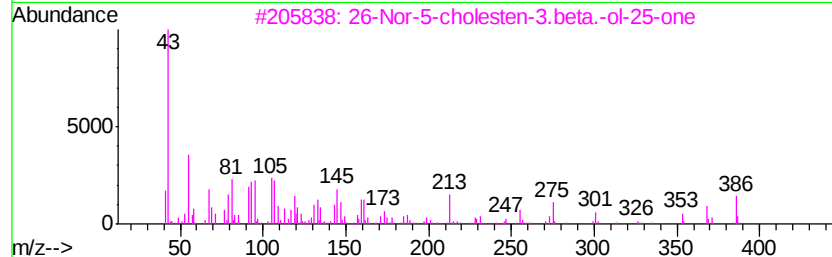
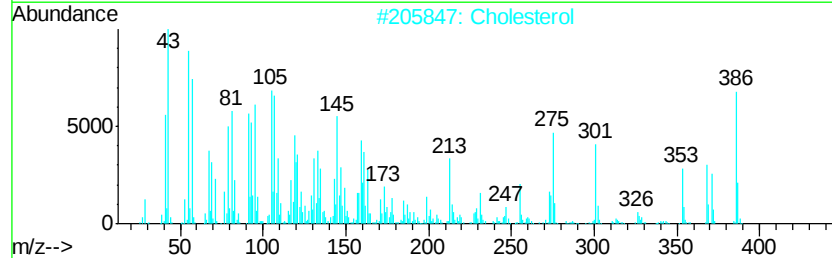
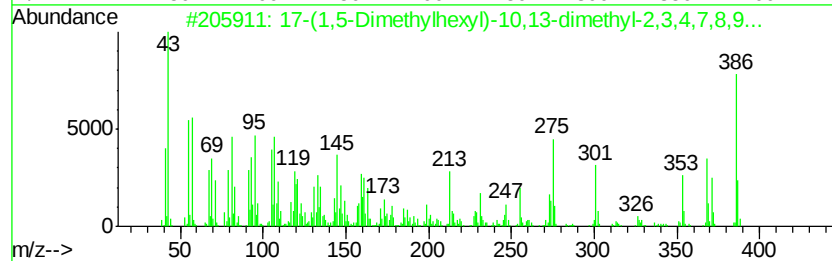
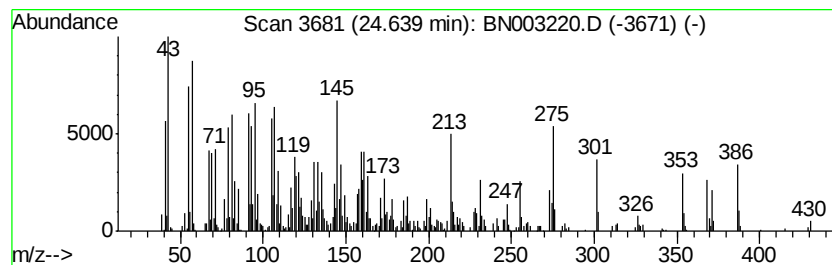
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	17.90 ng/ul	1841250	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2		Cholesterol	386	C27H46O	000057-88-5	99
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	98
4		Cholesterol	386	C27H46O	000057-88-5	94
5		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003220.D
Acq On : 19 Oct 2018 23:07
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Sample : J5567-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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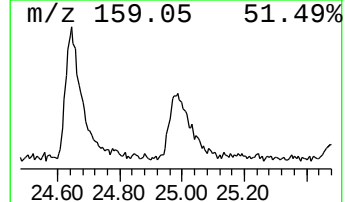
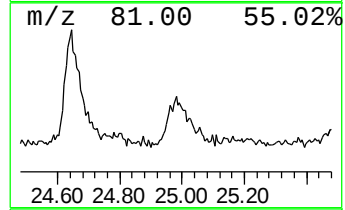
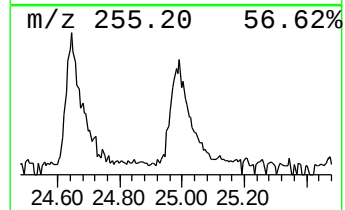
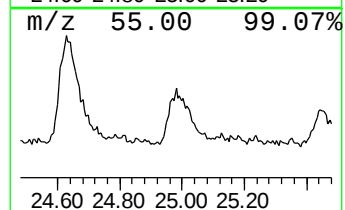
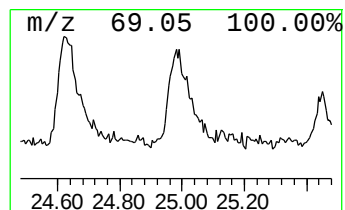
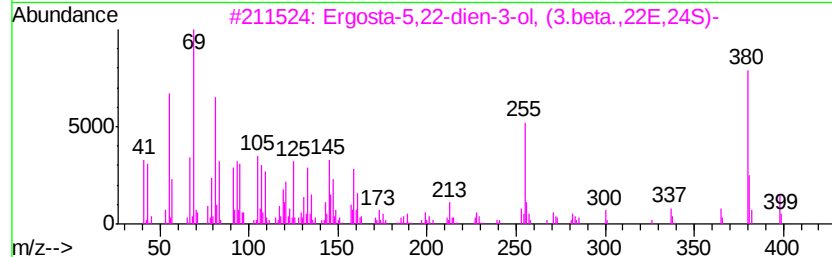
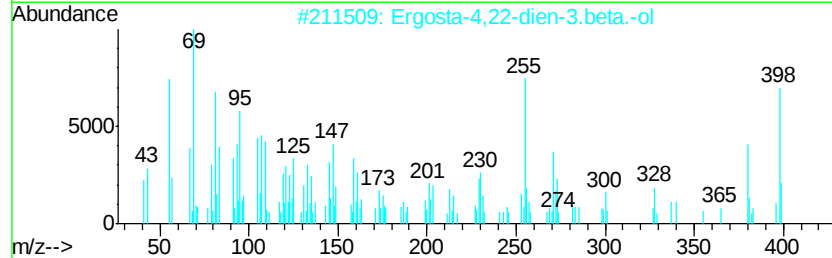
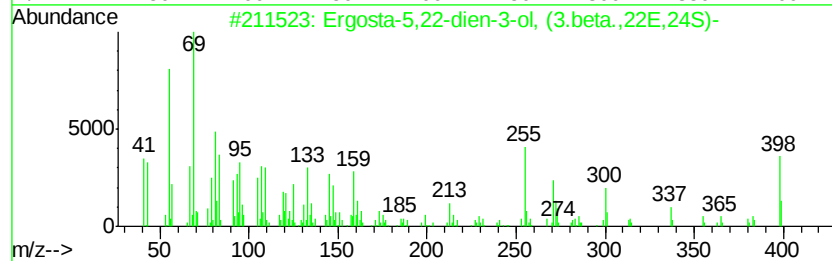
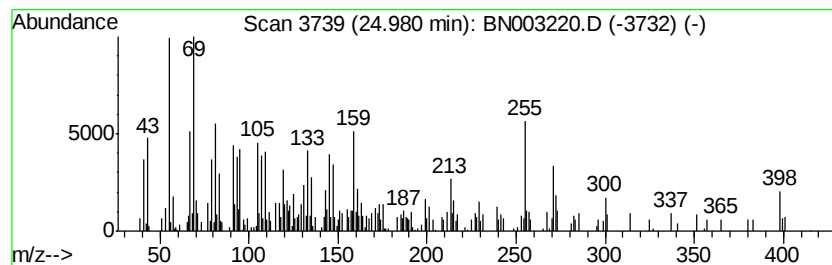
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Ergosta-5,22-dien-3-ol, (3.... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	5.34 ng/ul	548834	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ergosta-5,22-dien-3-ol, (3.beta....	398	C28H46O	017472-78-5	94
2		Ergosta-4,22-dien-3.beta.-ol	398	C28H46O	062332-14-3	90
3		Ergosta-5,22-dien-3-ol, (3.beta....	398	C28H46O	017472-78-5	86
4		Ergost-22-en-3-one, (5.beta.,22E)-	398	C28H46O	018865-44-6	78
5		Ergosta-5,22-dien-3-ol, (3.beta....	398	C28H46O	000474-67-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
 Data File : BN003220.D
 Acq On : 19 Oct 2018 23:07
 Operator : MJ/SJ
 Sample : J5567-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.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
(DEL) Alkane: Cyc...	17.79	2.2	ng/ul	178765	4	17.00	1654820	20.0
n-Hexadecanoic acid	17.92	25.6	ng/ul	2114420	4	17.00	1654820	20.0
cis-13-Octadeceno...	19.08	6.4	ng/ul	529201	4	17.00	1654820	20.0
Octadecanoic acid	19.20	2.9	ng/ul	296052	5	21.21	2035010	20.0
(DEL) Alkane: Str...	21.79	2.7	ng/ul	275239	5	21.21	2035010	20.0
(DEL) Alkane: Str...	22.24	4.8	ng/ul	483755	5	21.21	2035010	20.0
Squalene	22.36	4.5	ng/ul	458213	6	23.42	2056840	20.0
(DEL) Alkane: Str...	22.73	4.5	ng/ul	460757	6	23.42	2056840	20.0
(DEL) Alkane: Str...	23.90	4.8	ng/ul	499082	6	23.42	2056840	20.0
Cholesta-5,22-die...	24.35	3.8	ng/ul	389952	6	23.42	2056840	20.0
17-(1,5-Dimethylh...	24.64	17.9	ng/ul	1841250	6	23.42	2056840	20.0
Ergosta-5,22-dien...	24.98	5.3	ng/ul	548834	6	23.42	2056840	20.0