

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
 Data File : BN003221.D
 Acq On : 19 Oct 2018 23:42
 Operator : MJ/SJ
 Sample : J5567-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH0

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	4.781	300	305	313	rVB2	25490	41386	1.42%	0.127%
2	6.810	644	650	664	rBV2	267772	667949	22.86%	2.055%
3	6.952	668	674	689	rVB	254016	400504	13.71%	1.232%
4	7.146	702	707	718	rBV	297304	514060	17.59%	1.582%
5	7.605	779	785	794	rBV	335901	544517	18.63%	1.675%
6	8.328	902	908	925	rBV	372465	679903	23.27%	2.092%
7	8.757	975	981	997	rBV	290429	514355	17.60%	1.583%
8	9.475	1097	1103	1114	rBV	255382	445316	15.24%	1.370%
9	10.022	1189	1196	1217	rBV	357474	723639	24.76%	2.227%
10	10.375	1249	1256	1268	rBV	548929	925686	31.68%	2.848%
11	10.528	1276	1282	1299	rBV	270552	550821	18.85%	1.695%
12	13.657	1808	1814	1819	rBV	778335	1146358	39.23%	3.527%
13	13.710	1819	1823	1832	rVB	208357	304947	10.44%	0.938%
14	13.934	1855	1861	1873	rBV	975719	1471788	50.37%	4.528%
15	14.245	1908	1914	1926	rVB2	865306	1341008	45.89%	4.126%
16	14.522	1955	1961	1975	rBV2	132470	399436	13.67%	1.229%
17	15.245	2078	2084	2094	rVB	1290623	1871309	64.04%	5.758%
18	15.404	2106	2111	2122	rBV	313526	528808	18.10%	1.627%
19	16.422	2280	2284	2289	rBV2	45121	65608	2.25%	0.202%
20	16.998	2377	2382	2391	rBV2	1114164	1645545	56.32%	5.063%
21	17.104	2393	2400	2411	rVV	1323721	2038129	69.75%	6.271%
22	17.792	2510	2517	2523	rBV3	41286	86104	2.95%	0.265%
23	17.916	2531	2538	2564	rBV	961110	1569614	53.72%	4.829%
24	19.051	2727	2731	2732	rBV	41645	50986	1.74%	0.157%
25	19.080	2732	2736	2748	rVV3	125531	289461	9.91%	0.891%
26	19.198	2752	2756	2769	rVB2	110947	176468	6.04%	0.543%
27	19.410	2786	2792	2798	rBV	1714019	2411738	82.54%	7.421%
28	19.957	2881	2885	2889	rBV2	35373	40114	1.37%	0.123%
29	20.051	2898	2901	2906	rBV7	19033	32532	1.11%	0.100%
30	20.457	2966	2970	2974	rBV2	54831	62609	2.14%	0.193%
31	20.921	3045	3049	3052	rBV	76111	94004	3.22%	0.289%
32	21.121	3080	3083	3087	rBV2	33537	32840	1.12%	0.101%
33	21.210	3093	3098	3110	rVB	1471697	2091246	71.57%	6.434%
34	21.357	3120	3123	3127	rVB	106849	110770	3.79%	0.341%

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35	21.786	3192	3196	3200	rVB	133892	156307	5.35%	0.481%
36	22.239	3269	3273	3280	rVB	246201	318564	10.90%	0.980%
37	22.363	3289	3294	3300	rVB	212561	301427	10.32%	0.927%
38	22.727	3352	3356	3361	rVB	204266	292979	10.03%	0.901%
39	23.280	3443	3450	3464	rVB	1625585	2922031	100.00%	8.991%
40	23.421	3467	3474	3485	rVV2	1055143	2179661	74.59%	6.706%
41	23.898	3550	3555	3563	rVB	203224	380504	13.02%	1.171%
42	24.639	3671	3681	3704	rBV4	330732	1506838	51.57%	4.636%
43	24.992	3735	3741	3755	rVB10	97758	366879	12.56%	1.129%
44	25.445	3813	3818	3825	rBV4	71644	206202	7.06%	0.634%

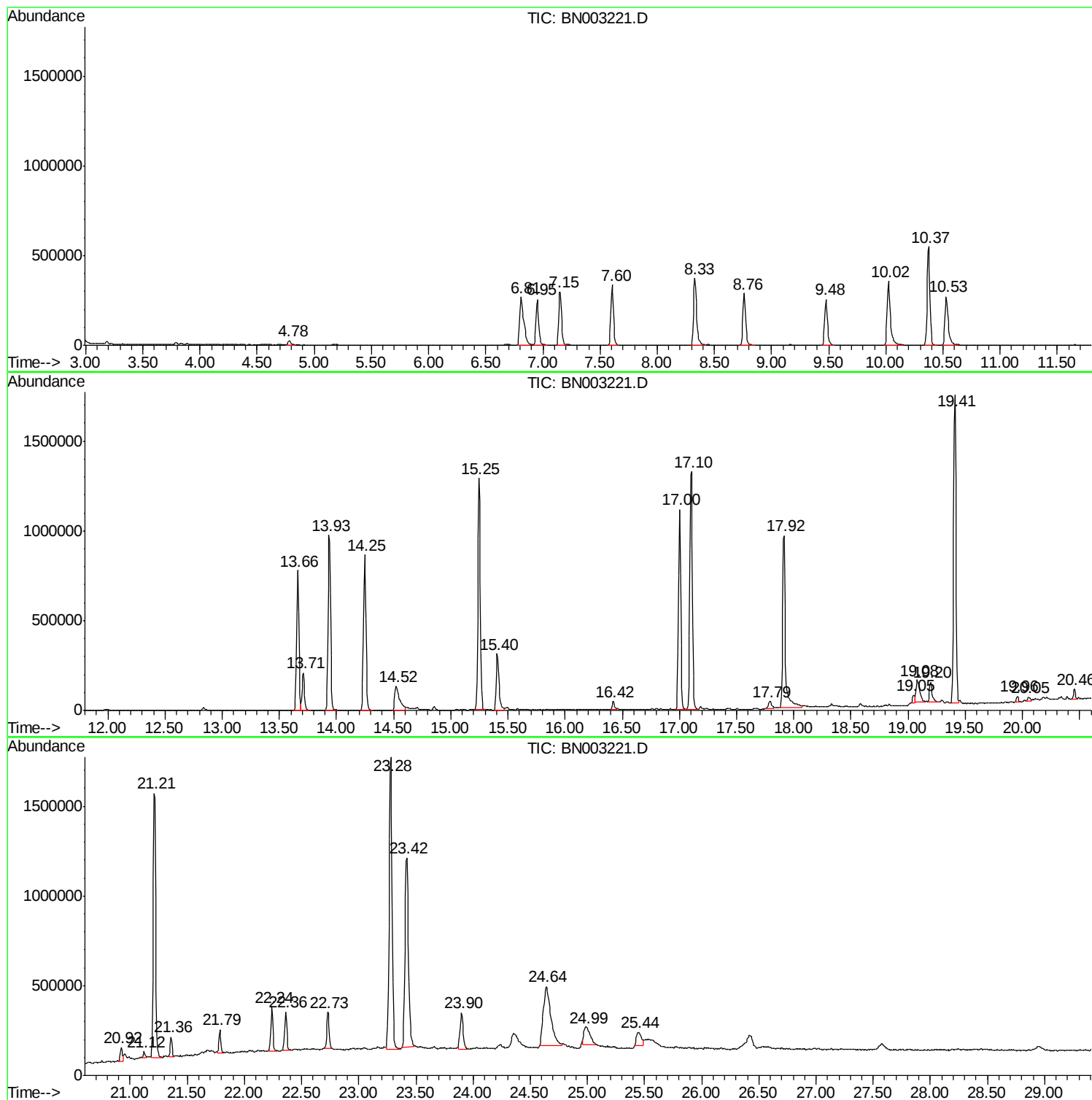
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION

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



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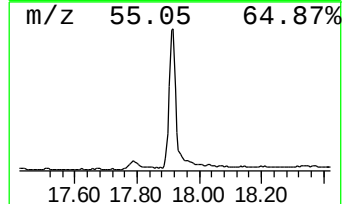
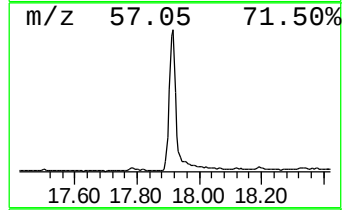
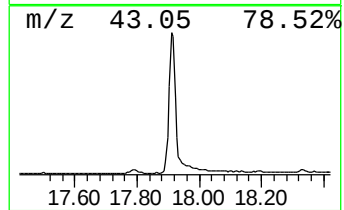
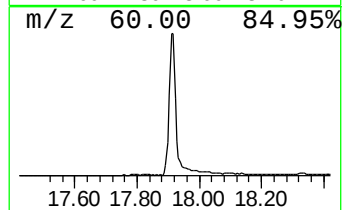
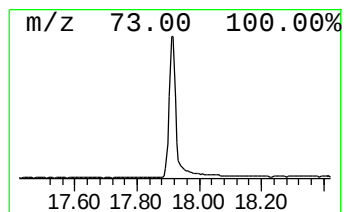
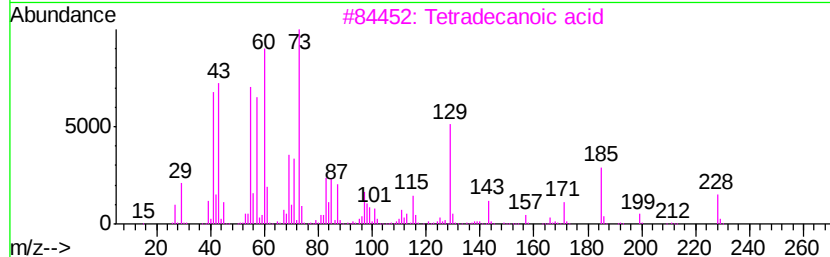
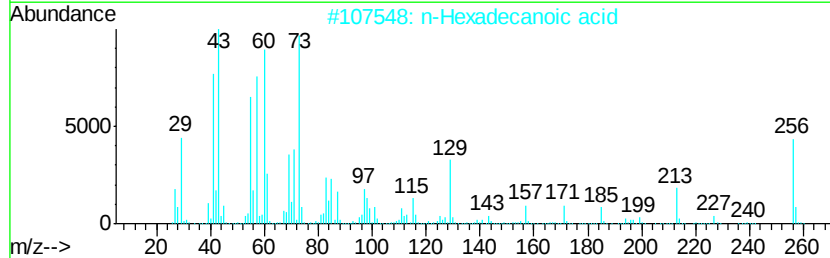
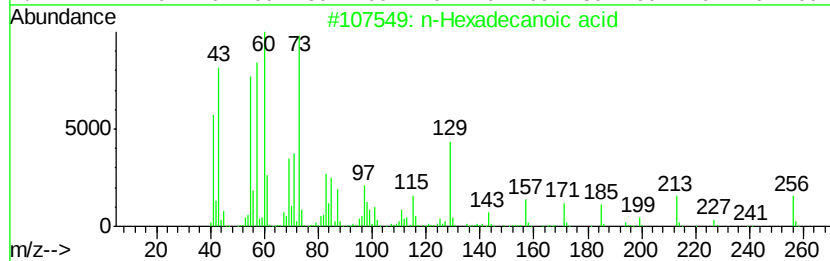
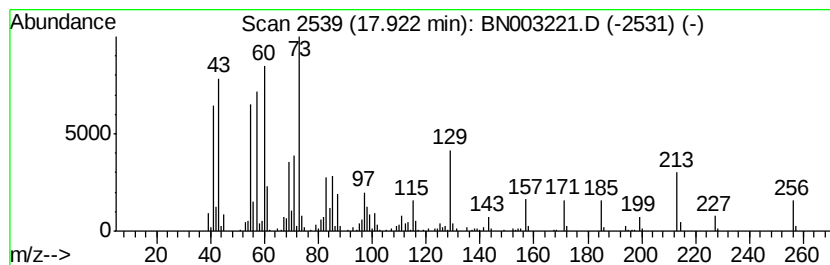
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	19.08 ng/ul	1569610	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		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



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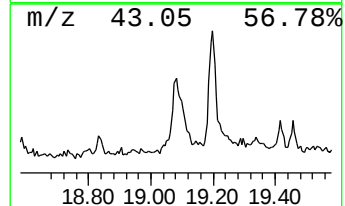
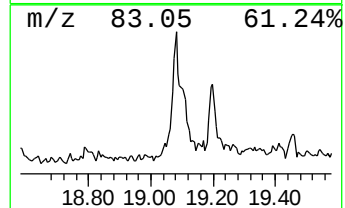
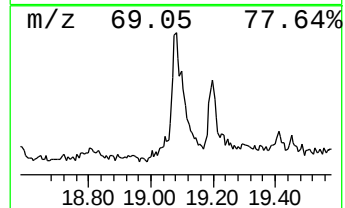
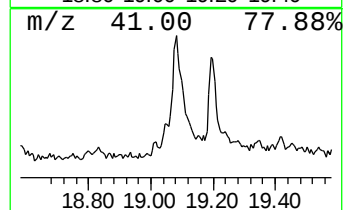
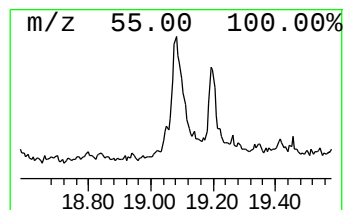
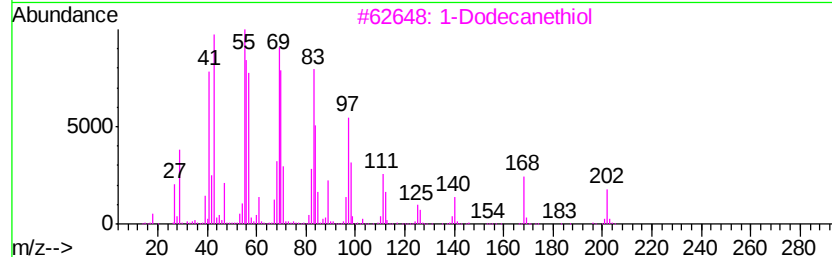
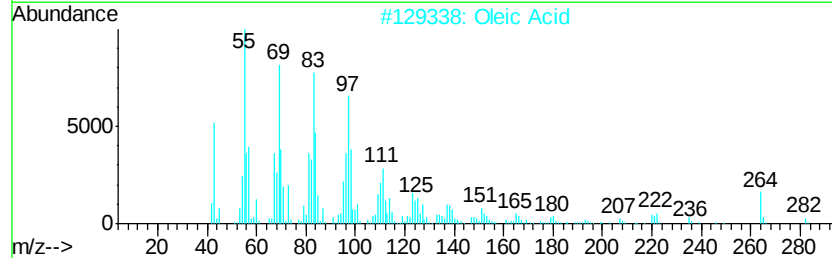
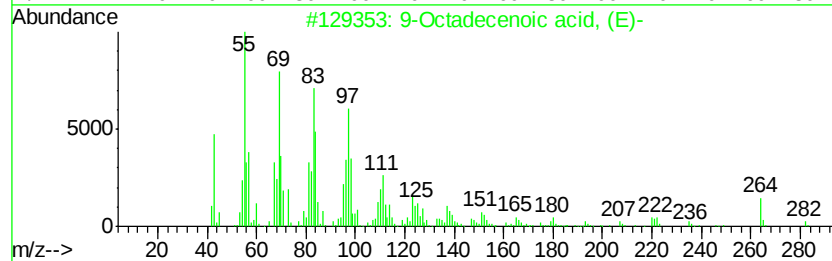
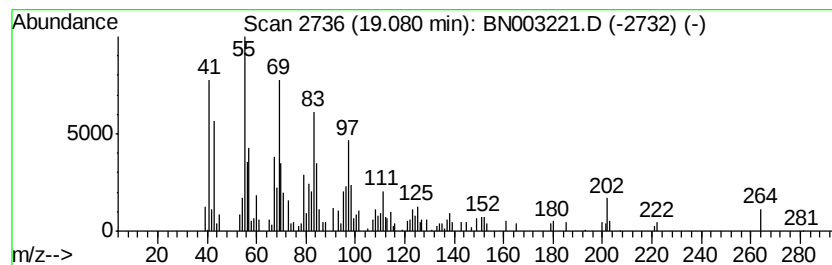
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Peak Number 2 9-Octadecenoic acid, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	3.52 ng/ul	289461	Phenanthrene-d10	17.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91	
2	Oleic Acid	282	C18H34O2	000112-80-1	91	
3	1-Dodecanethiol	202	C12H26S	000112-55-0	74	
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	70	
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	70	



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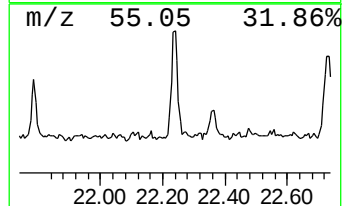
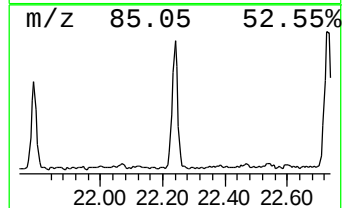
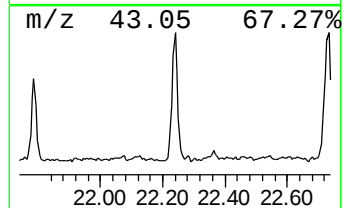
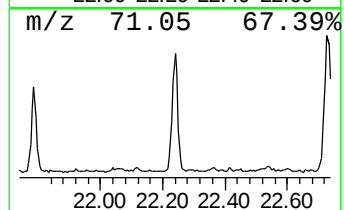
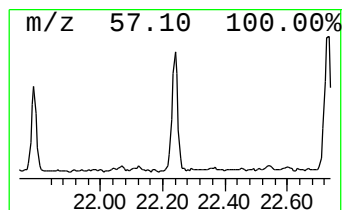
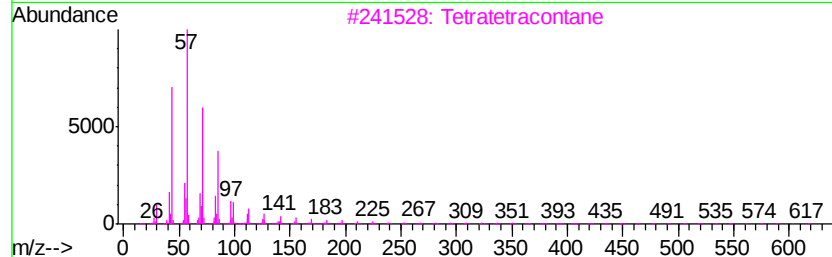
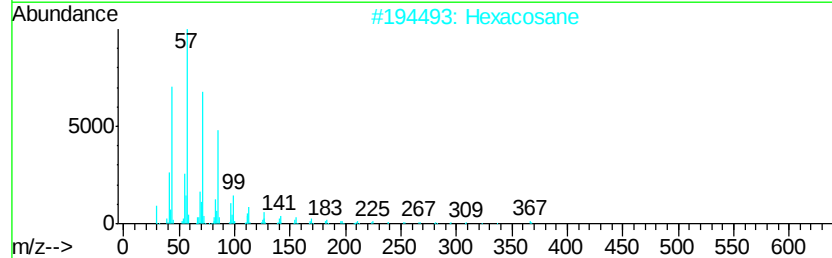
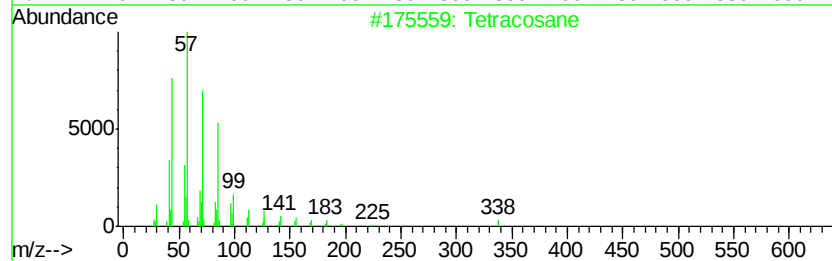
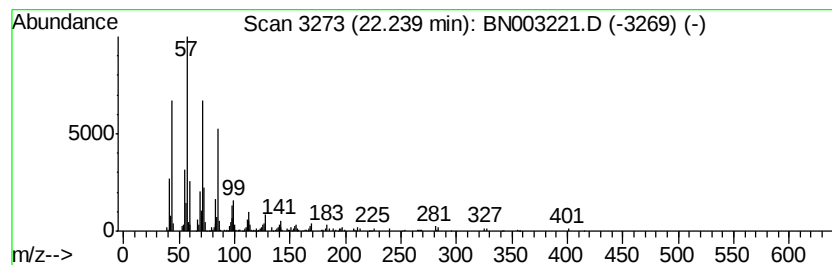
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	3.05 ng/ul	318564	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	76
2		Hexacosane	366	C26H54	000630-01-3	76
3		Tetratetracontane	619	C44H90	007098-22-8	70
4		Hexadecane	226	C16H34	000544-76-3	70
5		Hexatriacontane	507	C36H74	000630-06-8	70



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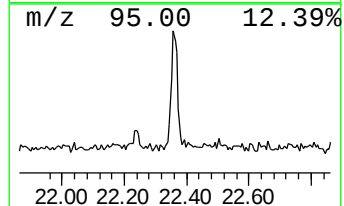
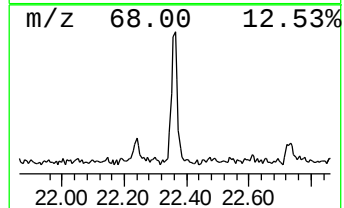
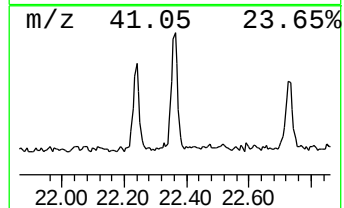
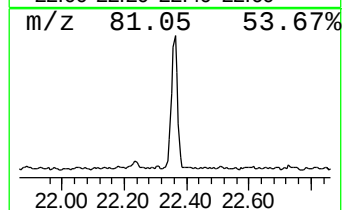
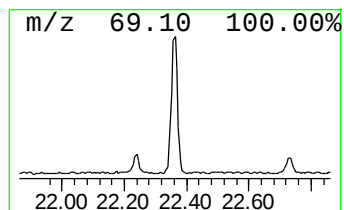
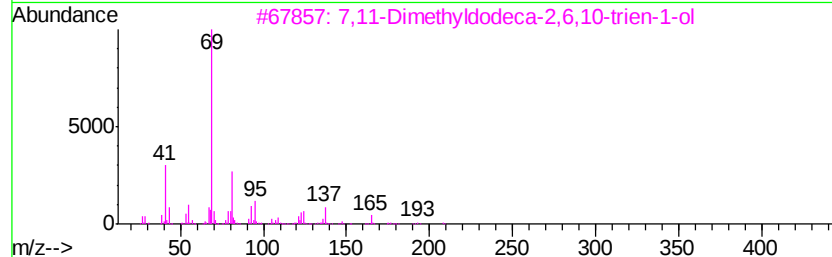
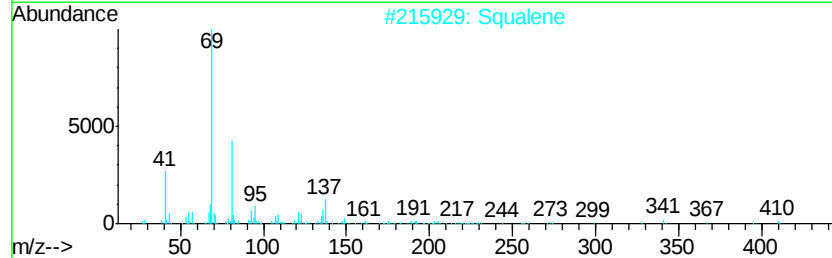
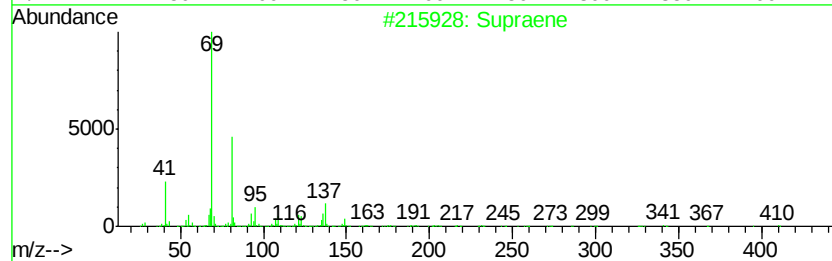
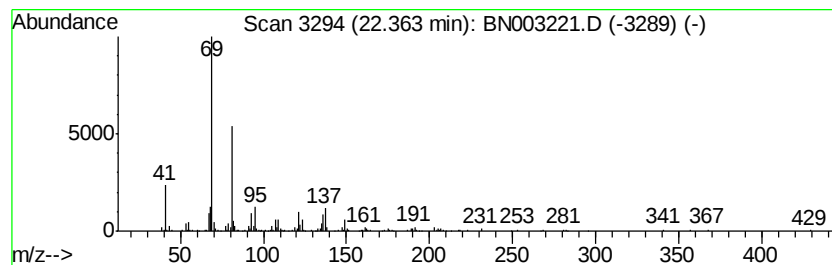
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Peak Number 4 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.77 ng/ul	301427	Perylene-d12	23.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Supraene		410 C30H50	007683-64-9 91
2	Squalene		410 C30H50	000111-02-4 91
3	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H24O	125529-10-4 87
4	1,5-Heptadiene, 3,3,6-trimethyl-		138 C10H18	035387-63-4 58
5	.beta.-Citronellol, chlorodifluo...		268 C12H19ClF2O2	1000376-20-8 53



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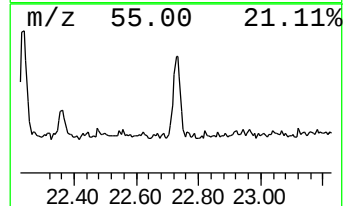
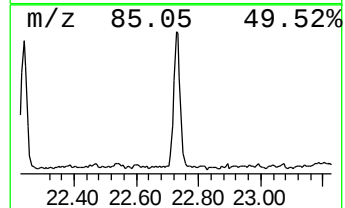
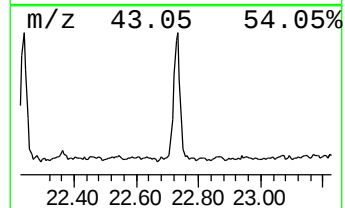
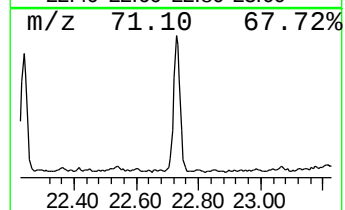
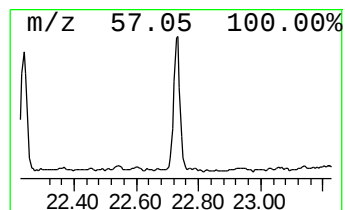
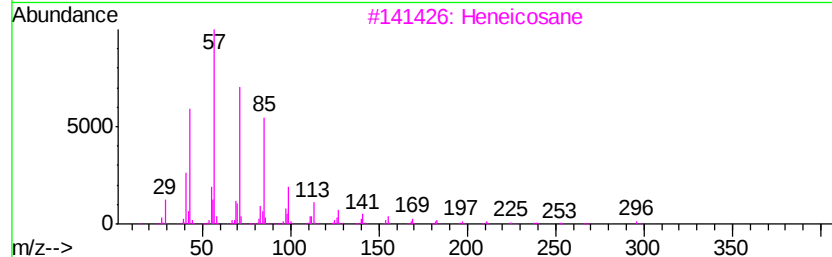
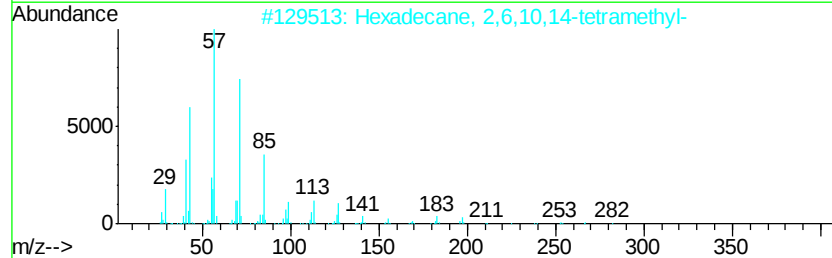
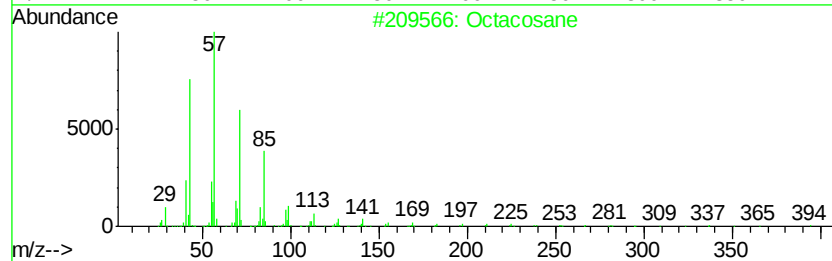
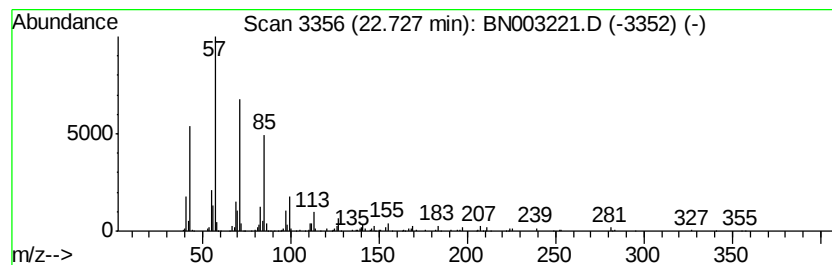
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Quant Title : SVOA CALIBRATION

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	2.69 ng/ul	292979	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003221.D
Acq On : 19 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5567-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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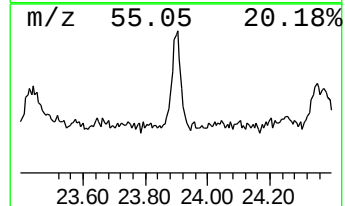
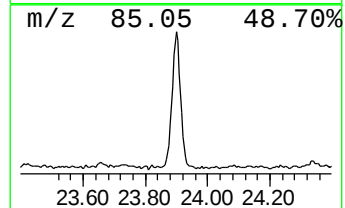
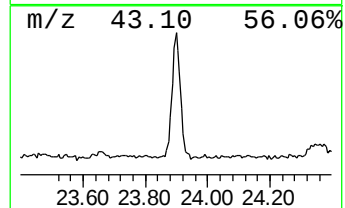
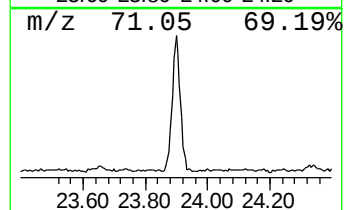
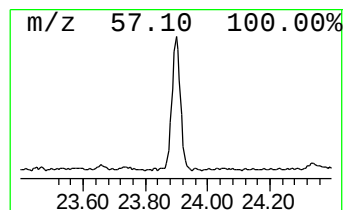
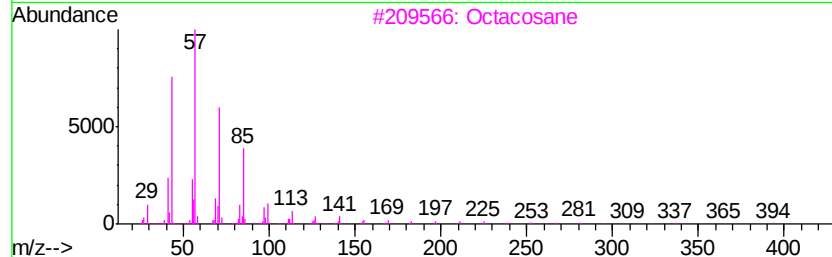
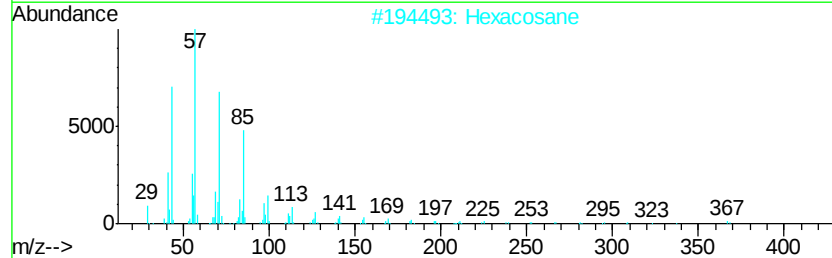
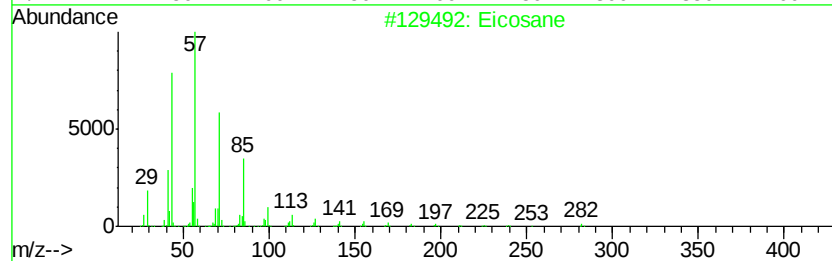
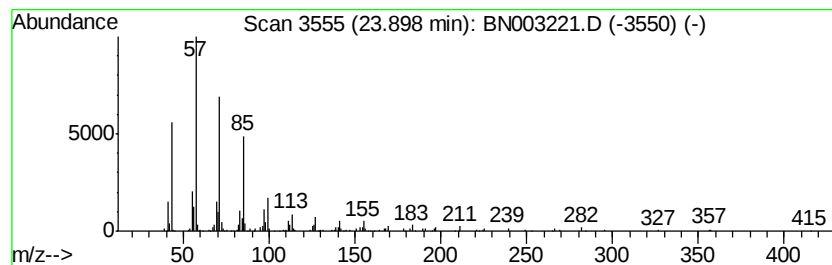
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	3.49 ng/ul	380504	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	95
2	Hexacosane			366	C26H54	000630-01-3	90
3	Octacosane			394	C28H58	000630-02-4	90
4	Tetracosane			338	C24H50	000646-31-1	90
5	Hentriacontane			437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003221.D
Acq On : 19 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5567-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AH0

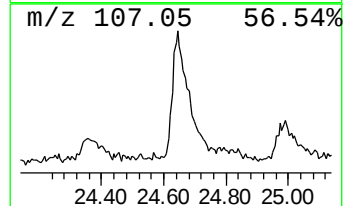
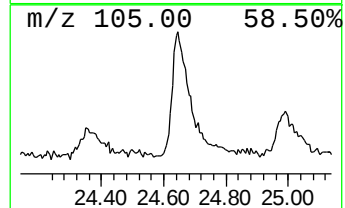
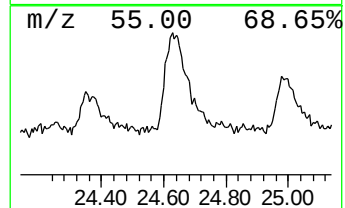
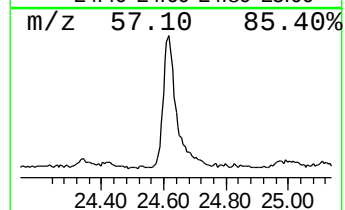
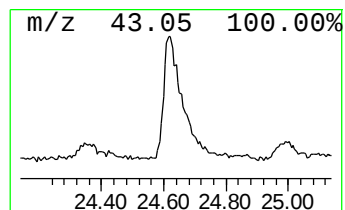
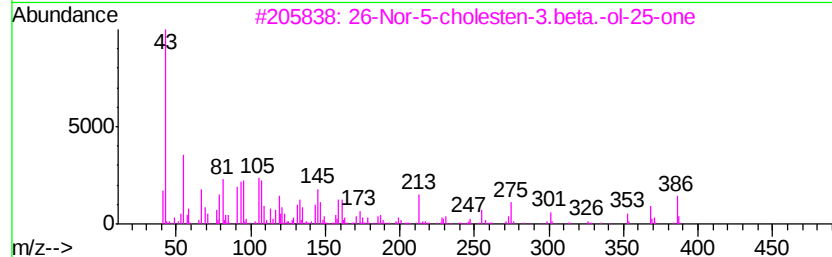
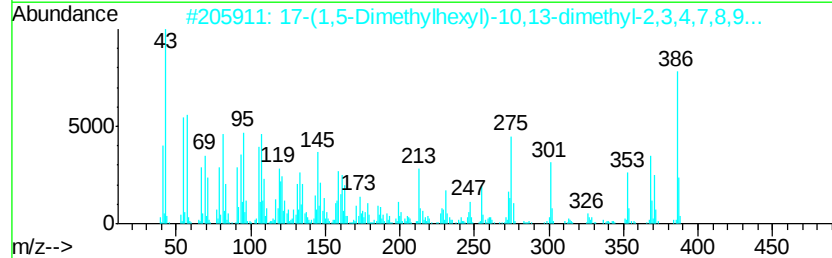
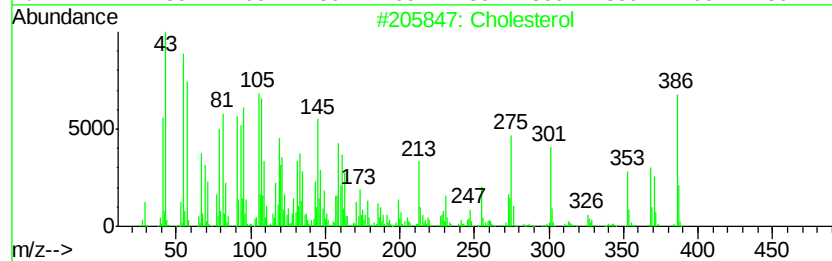
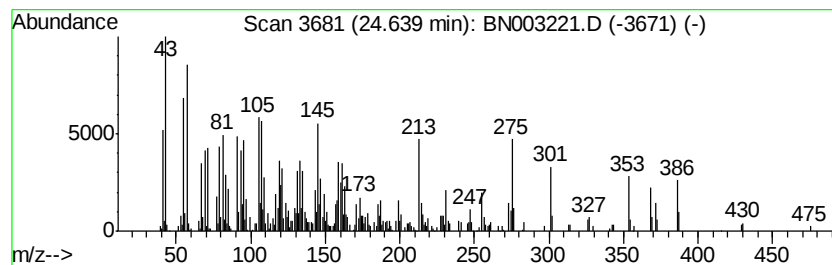
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cholesterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	13.83 ng/ul	1506840	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholesterol	386	C27H46O	000057-88-5	99
2		17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
4		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	98
5		Cholesterol	386	C27H46O	000057-88-5	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003221.D
Acq On : 19 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5567-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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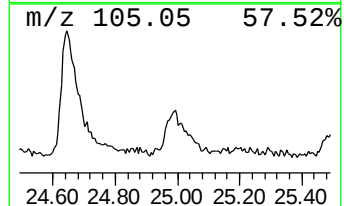
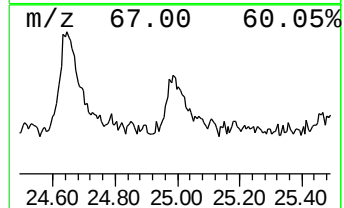
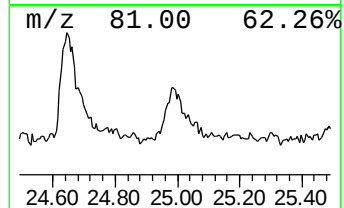
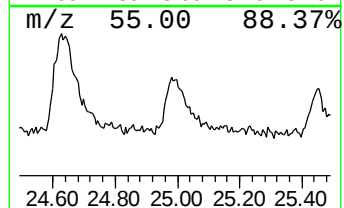
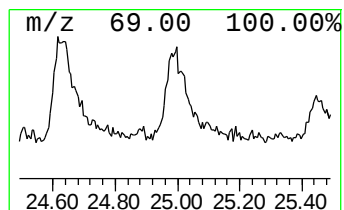
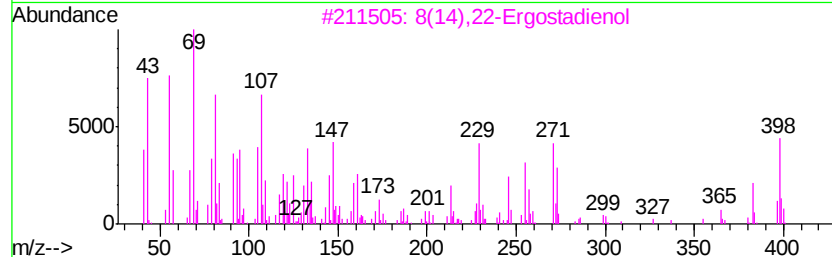
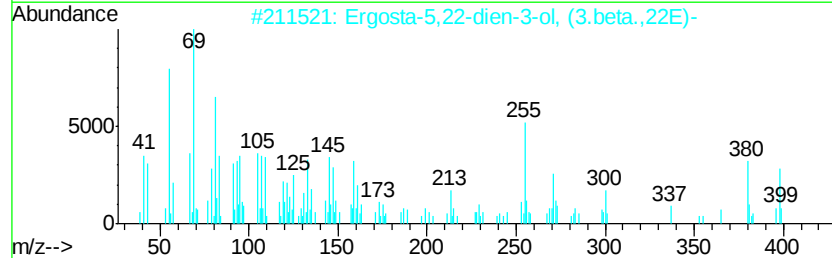
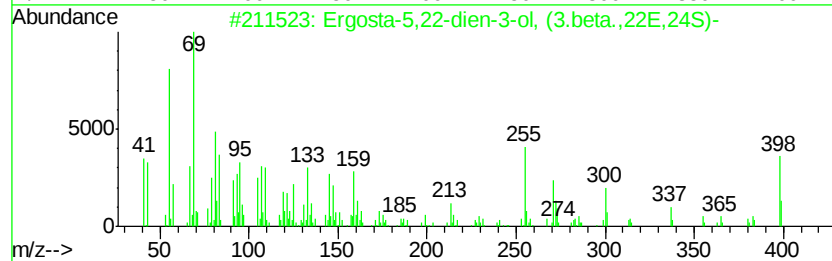
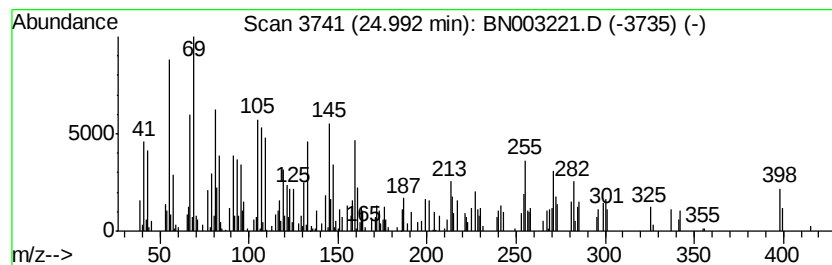
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Ergosta-5,22-dien-3-ol, (3.... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	3.37 ng/ul	366879	Perylene-d12	23.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ergosta-5,22-dien-3-ol, (3.beta....	398	C28H46O	017472-78-5	83
2		Ergosta-5,22-dien-3-ol, (3.beta....	398	C28H46O	000474-67-9	60
3		8(14),22-Ergostadienol	398	C28H46O	051502-42-2	55
4		Ergosta-5,7-dien-3-ol, (3.beta.)-	398	C28H46O	000516-79-0	47
5		Ergosta-4,22-dien-3.beta.-ol	398	C28H46O	062332-14-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	19.1	ng/ul	1569610	4	17.00	1645550	20.0
9-Octadecenoic ac...	19.08	3.5	ng/ul	289461	4	17.00	1645550	20.0
(DEL) Alkane: Str...	22.24	3.0	ng/ul	318564	5	21.21	2091250	20.0
Supraene	22.36	2.8	ng/ul	301427	6	23.42	2179660	20.0
(DEL) Alkane: Str...	22.73	2.7	ng/ul	292979	6	23.42	2179660	20.0
(DEL) Alkane: Str...	23.90	3.5	ng/ul	380504	6	23.42	2179660	20.0
Cholesterol	24.64	13.8	ng/ul	1506840	6	23.42	2179660	20.0
Ergosta-5,22-dien...	24.99	3.4	ng/ul	366879	6	23.42	2179660	20.0