

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
 Data File : BN003216.D
 Acq On : 19 Oct 2018 20:47
 Operator : MJ/SJ
 Sample : J5567-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH5

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	3.887	149	153	162	rVB	23231	39100	1.23%	0.116%
2	6.805	644	649	667	rBV2	248461	632190	19.81%	1.883%
3	6.952	669	674	686	rVV	257475	412691	12.93%	1.229%
4	7.146	702	707	722	rBV	295272	526062	16.49%	1.567%
5	7.611	779	786	798	rBV	314521	551795	17.29%	1.643%
6	8.328	902	908	923	rBV	339818	658006	20.62%	1.960%
7	8.763	975	982	999	rBV	287010	533298	16.71%	1.588%
8	9.481	1097	1104	1117	rBV	242830	447649	14.03%	1.333%
9	10.028	1190	1197	1230	rBV	293316	722256	22.63%	2.151%
10	10.375	1248	1256	1266	rBV	552148	938499	29.41%	2.795%
11	10.534	1276	1283	1307	rBV	268829	658716	20.64%	1.962%
12	13.663	1809	1815	1820	rBV	766799	1138641	35.68%	3.391%
13	13.710	1820	1823	1835	rVB	188282	298607	9.36%	0.889%
14	13.934	1855	1861	1878	rBV	968800	1447996	45.38%	4.313%
15	14.246	1907	1914	1927	rVB2	892188	1359155	42.59%	4.048%
16	14.522	1950	1961	1979	rBV2	108624	362787	11.37%	1.081%
17	15.246	2078	2084	2095	rVB	1159787	1866029	58.48%	5.558%
18	15.410	2106	2112	2123	rBV	269843	473533	14.84%	1.410%
19	16.422	2279	2284	2292	rBV2	28295	44108	1.38%	0.131%
20	16.998	2376	2382	2390	rBV	1177700	1682445	52.72%	5.011%
21	17.104	2393	2400	2412	rBV	1249271	2000886	62.70%	5.959%
22	17.792	2510	2517	2525	rBV4	21486	46993	1.47%	0.140%
23	17.910	2530	2537	2561	rBV	762050	1219576	38.22%	3.632%
24	19.051	2727	2731	2732	rBV	33897	42443	1.33%	0.126%
25	19.086	2732	2737	2751	rVV4	72609	204610	6.41%	0.609%
26	19.198	2751	2756	2769	rVV	86606	171152	5.36%	0.510%
27	19.404	2785	2791	2798	rBV	1679481	2403204	75.31%	7.158%
28	19.957	2880	2885	2888	rBV	44000	51239	1.61%	0.153%
29	20.451	2965	2969	2973	rBV	82674	91704	2.87%	0.273%
30	20.922	3044	3049	3053	rBV	112093	120601	3.78%	0.359%
31	20.975	3053	3058	3068	rBV10	20348	70030	2.19%	0.209%
32	21.210	3093	3098	3109	rVB	1509054	2185755	68.50%	6.510%
33	21.357	3119	3123	3128	rVB	177073	196848	6.17%	0.586%
34	21.786	3192	3196	3201	rBV	229454	261778	8.20%	0.780%

LSC Area Percent Report

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35	22.239	3268	3273	3282	rBV	305433	403914	12.66%	1.203%
36	22.363	3290	3294	3299	rVB	106777	138623	4.34%	0.413%
37	22.727	3351	3356	3366	rVB	333926	488646	15.31%	1.455%
38	23.280	3442	3450	3461	rVB	1757345	3191107	100.00%	9.504%
39	23.416	3466	3473	3495	rBV2	1089896	2418674	75.79%	7.204%
40	23.898	3549	3555	3564	rVB	272339	518642	16.25%	1.545%
41	24.639	3670	3681	3708	rBV5	266647	1626892	50.98%	4.846%
42	24.998	3734	3742	3762	rBV5	92896	494890	15.51%	1.474%
43	25.445	3812	3818	3825	rBV2	91366	220300	6.90%	0.656%
44	26.421	3978	3984	3994	rVB2	73657	213119	6.68%	0.635%

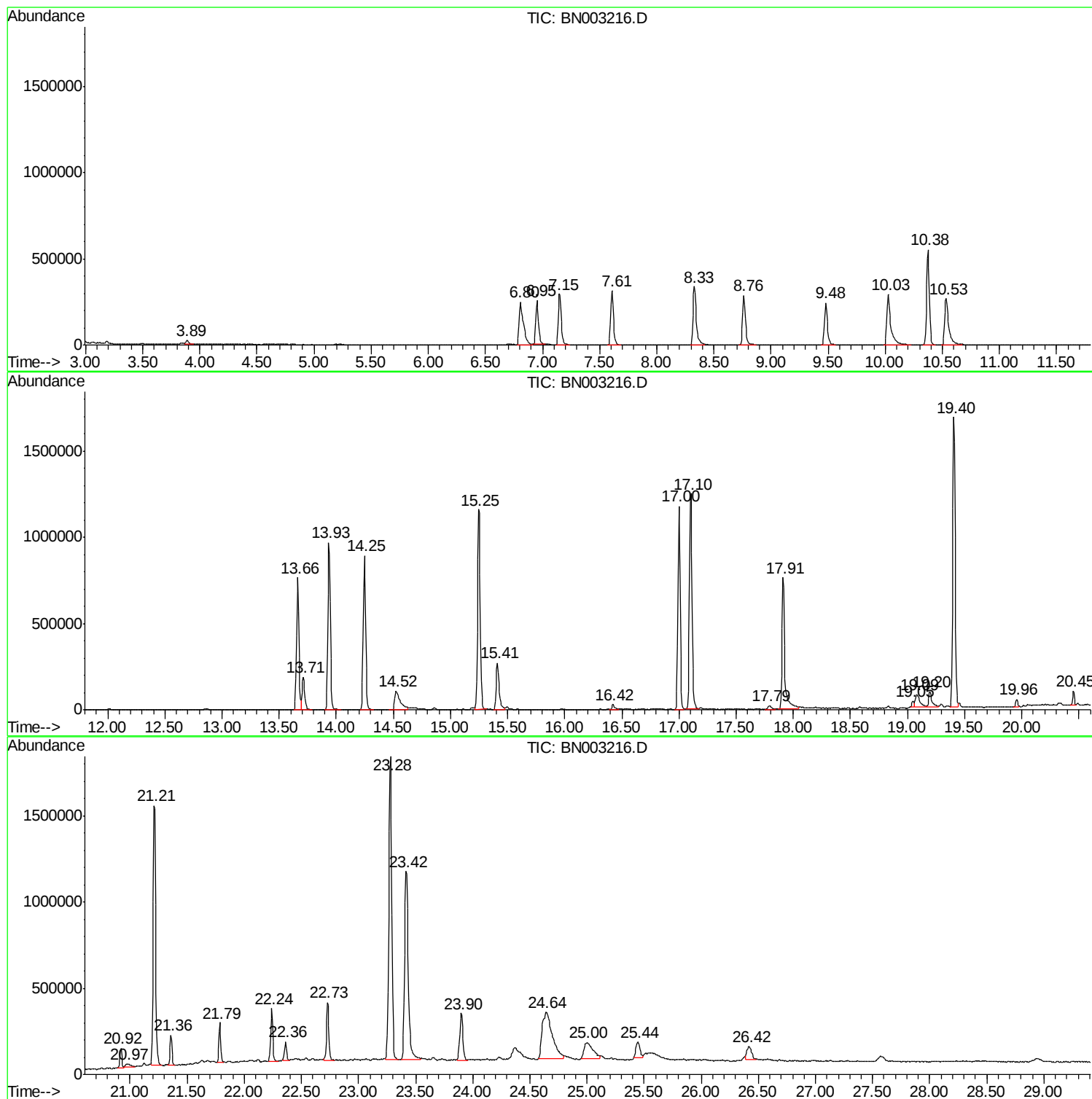
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION

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



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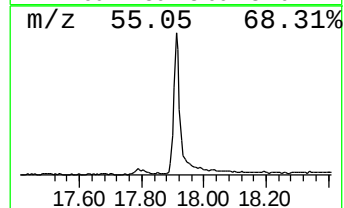
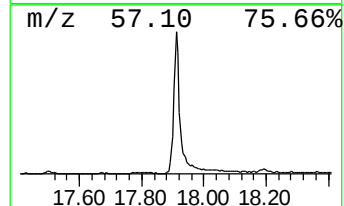
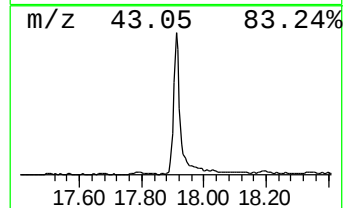
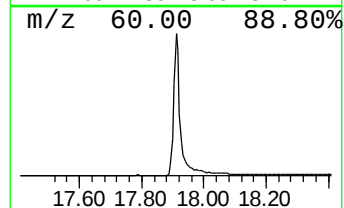
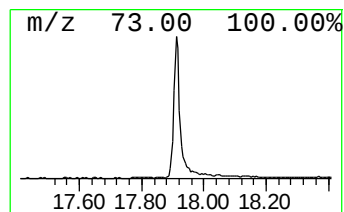
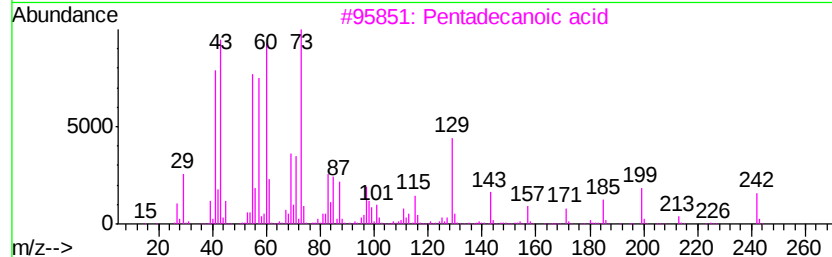
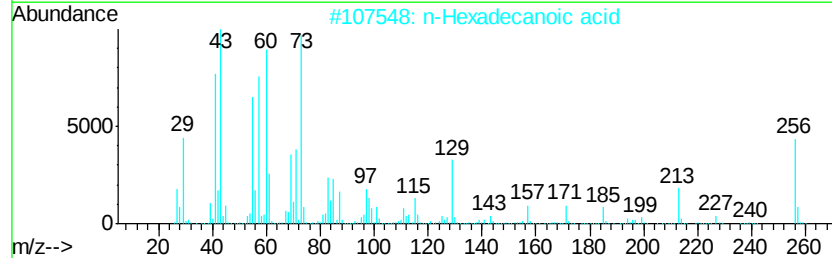
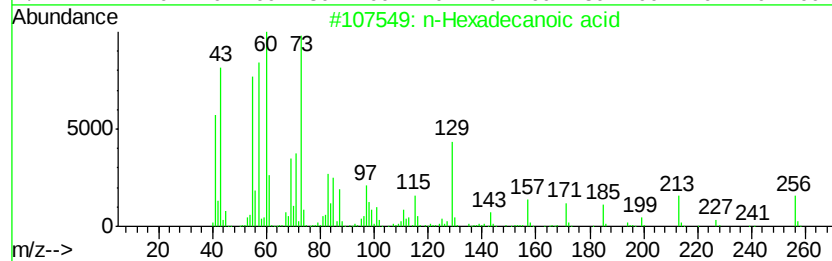
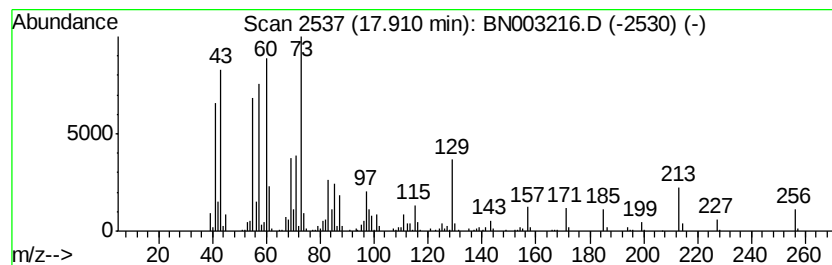
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.91	14.50 ng/ul	1219580	Phenanthrene-d10	17.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87



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Instrument :
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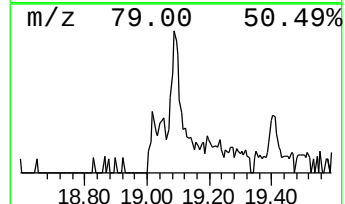
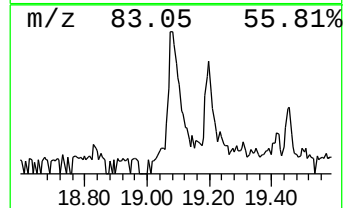
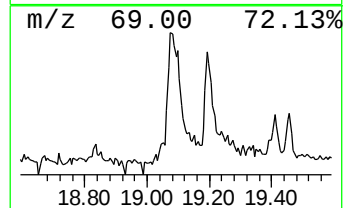
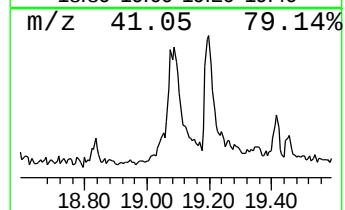
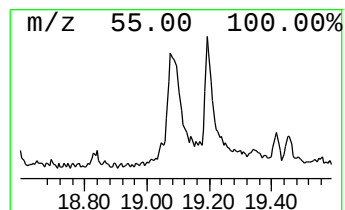
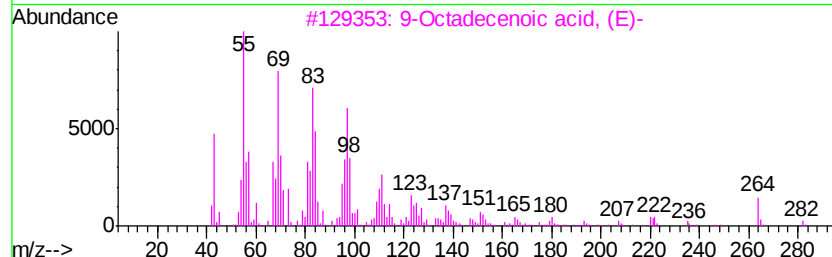
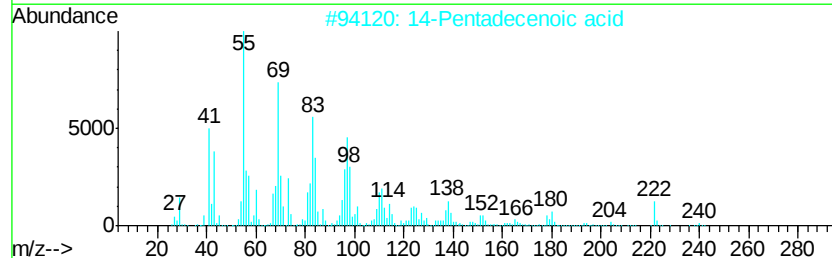
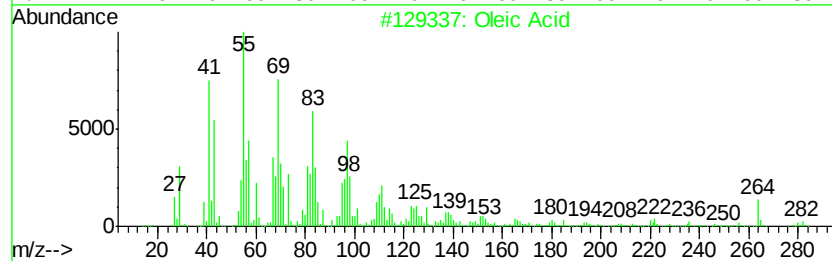
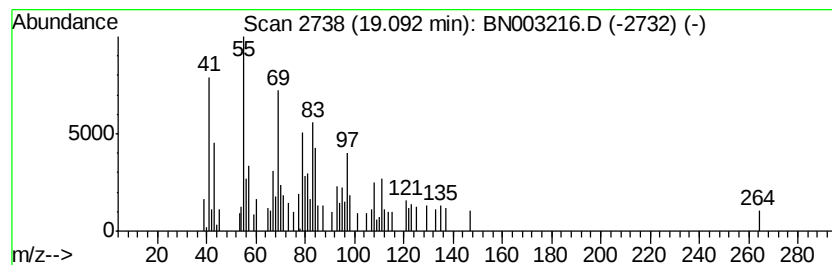
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Oleic Acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.43 ng/ul	204610	Phenanthrene-d10	17.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid		282	C18H34O2	000112-80-1	76
2	14-Pentadecenoic acid		240	C15H28O2	017351-34-7	76
3	9-Octadecenoic acid, (E)-		282	C18H34O2	000112-79-8	68
4	cis-Vaccenic acid		282	C18H34O2	000506-17-2	50
5	cis-13-Octadecenoic acid		282	C18H34O2	013126-39-1	45



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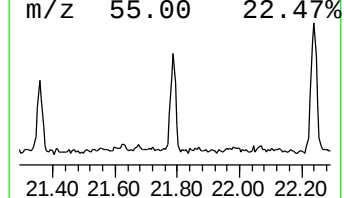
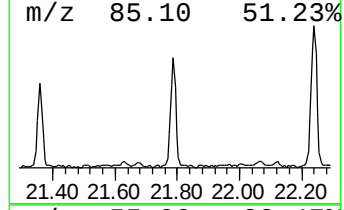
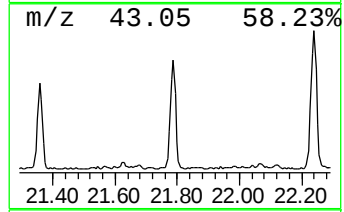
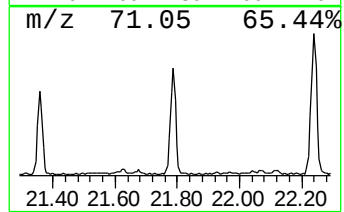
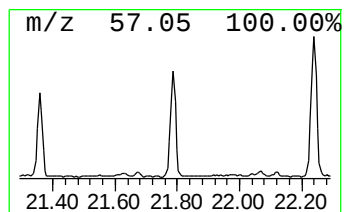
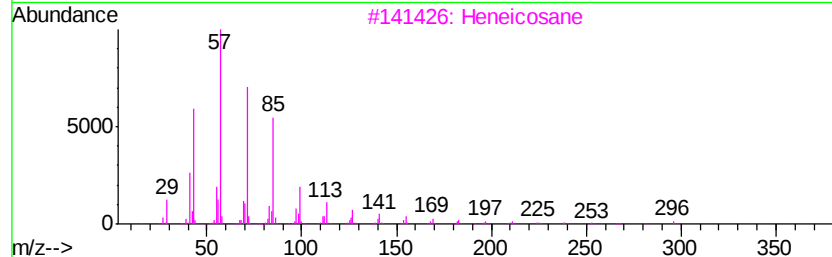
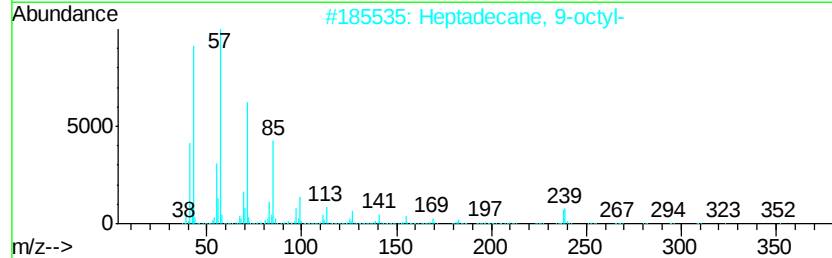
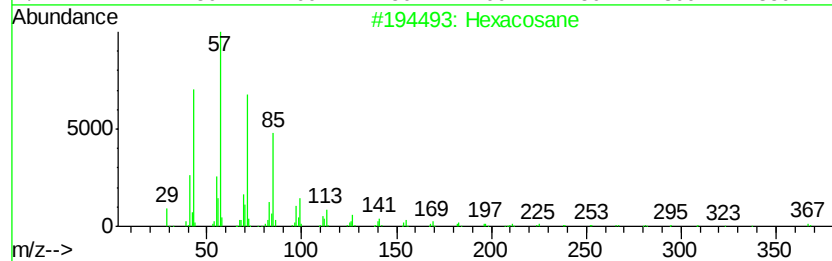
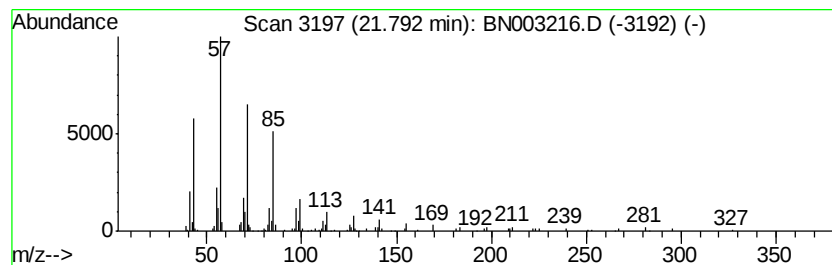
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.40 ng/ul	261778	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		triacontane	422	C30H62	000638-68-6	91



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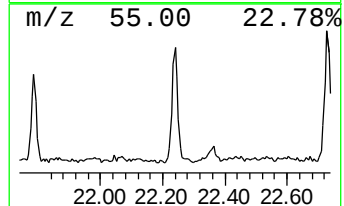
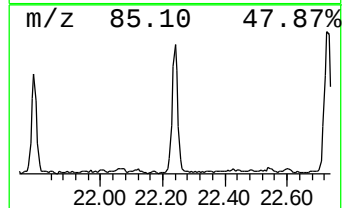
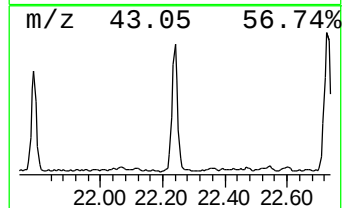
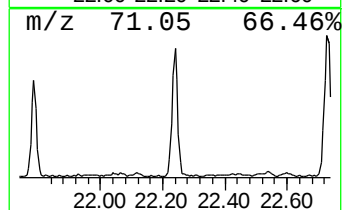
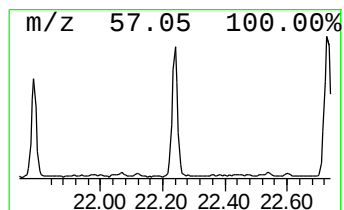
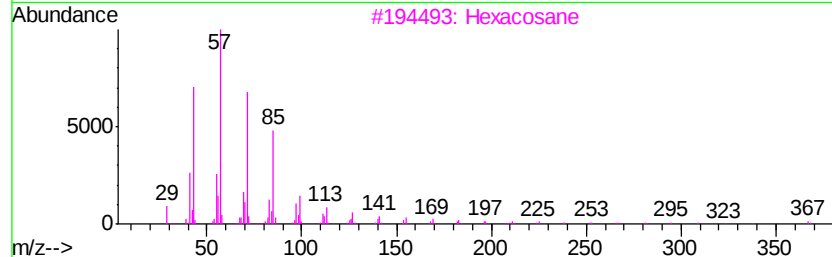
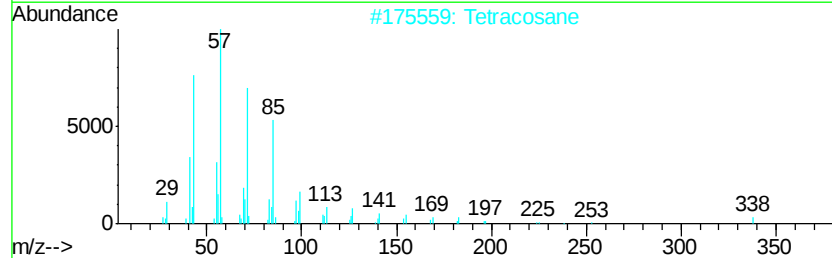
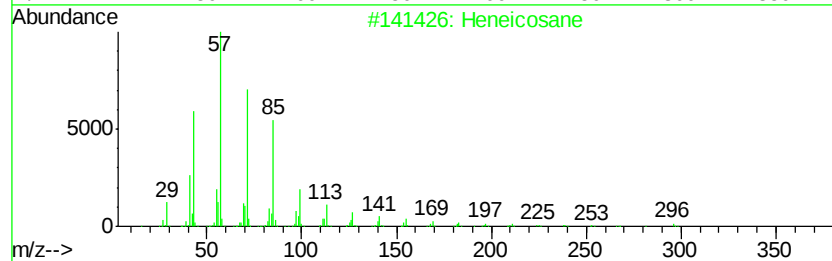
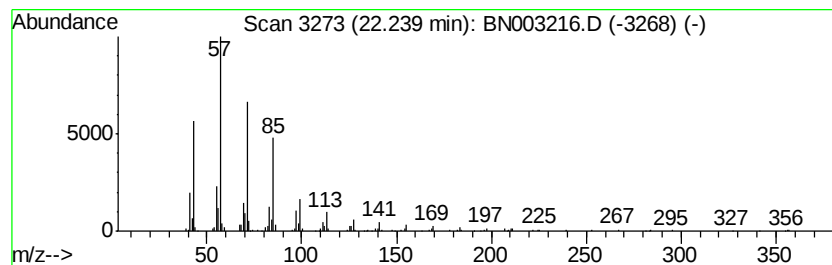
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	3.70 ng/ul	403914	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Tetracosane	338	C24H50	000646-31-1	91



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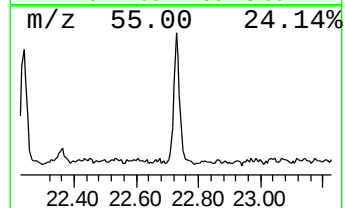
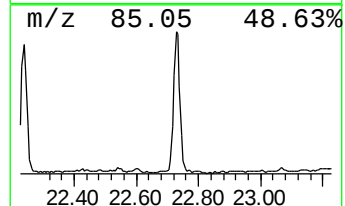
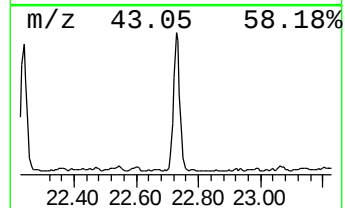
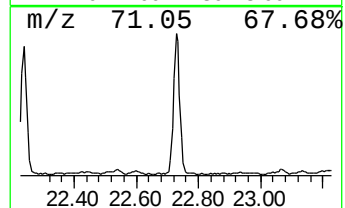
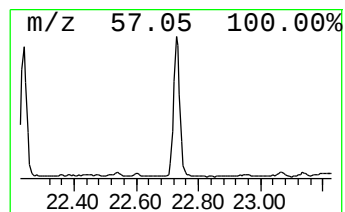
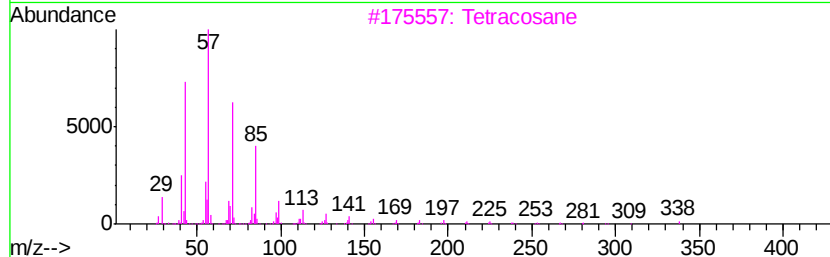
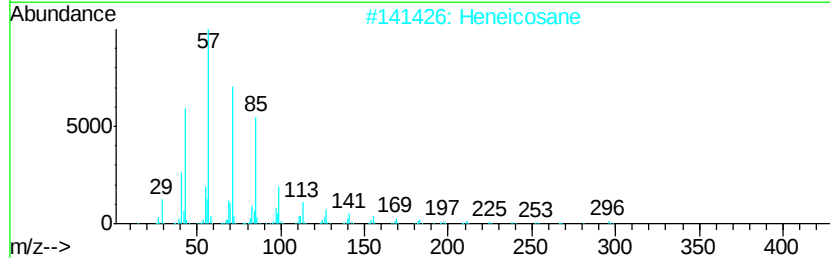
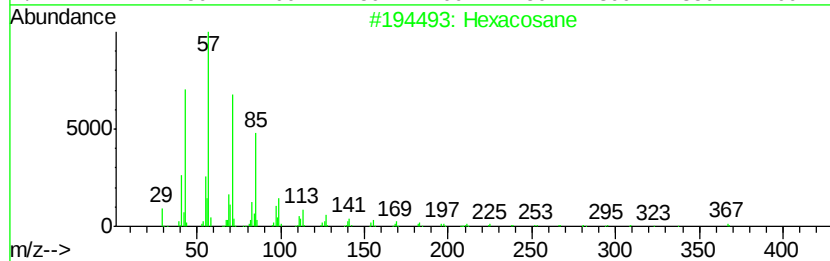
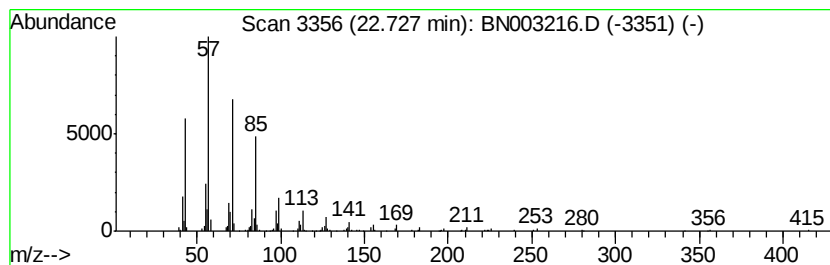
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	4.04 ng/ul	488646	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003216.D
Acq On : 19 Oct 2018 20:47
Operator : MJ/SJ
Sample : J5567-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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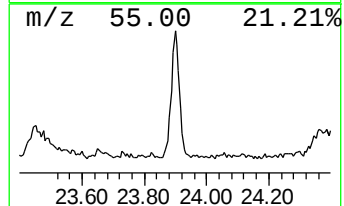
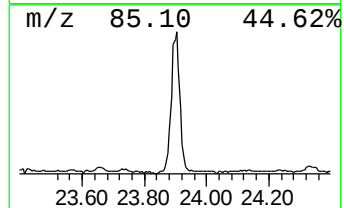
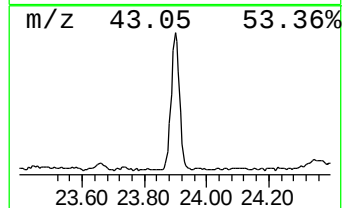
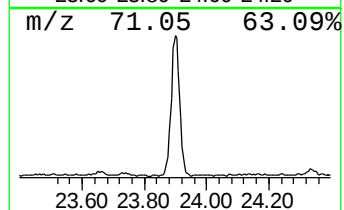
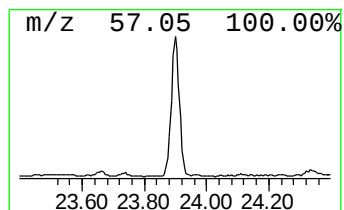
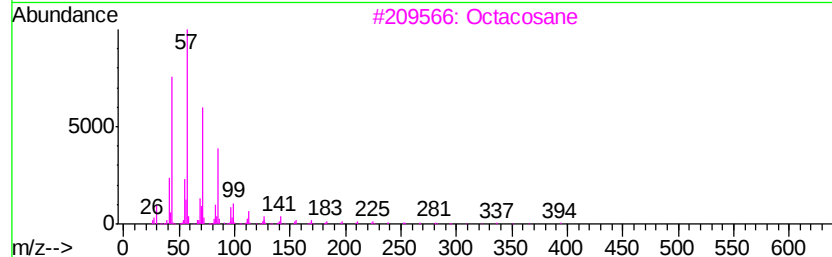
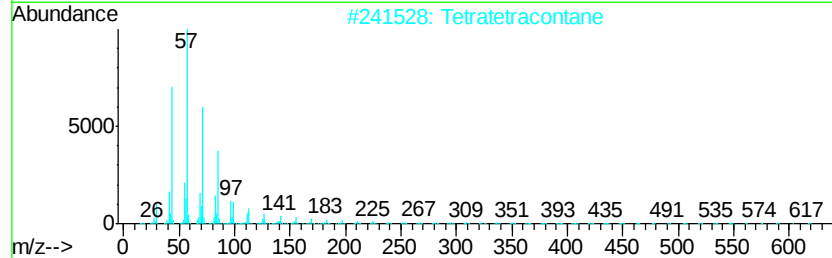
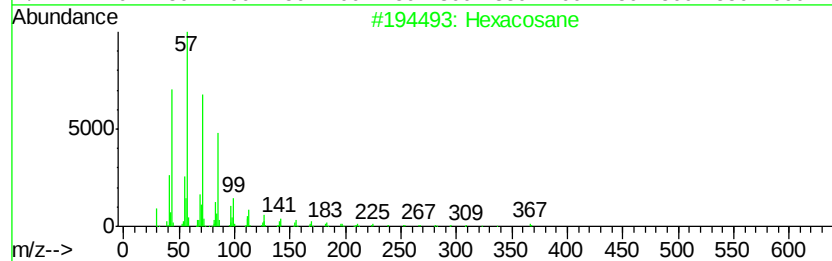
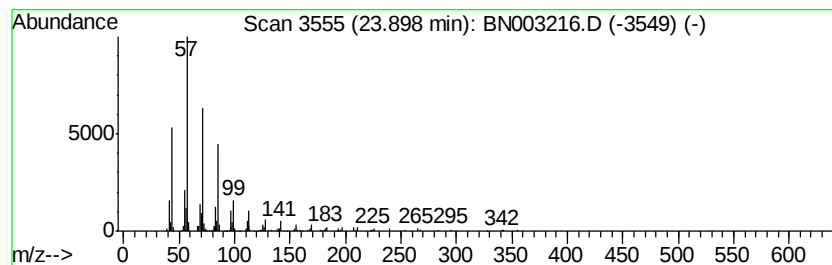
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	4.29 ng/ul	518642	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Hentriacontane	437	C31H64	000630-04-6	91
5			Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003216.D
Acq On : 19 Oct 2018 20:47
Operator : MJ/SJ
Sample : J5567-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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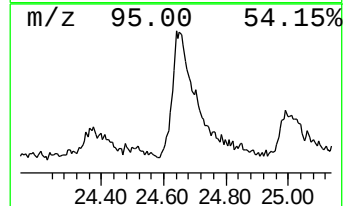
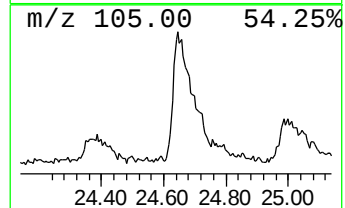
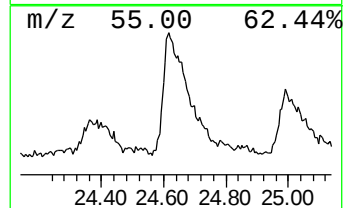
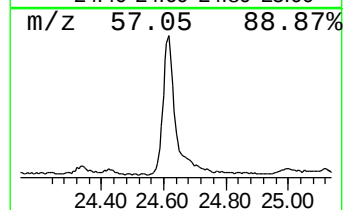
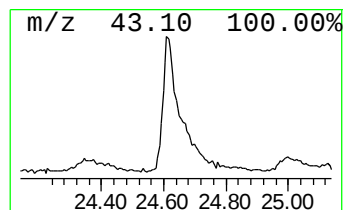
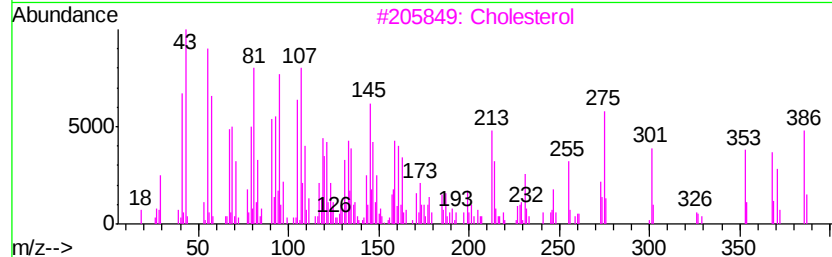
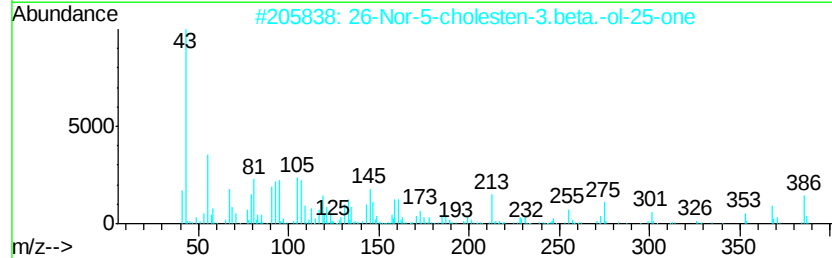
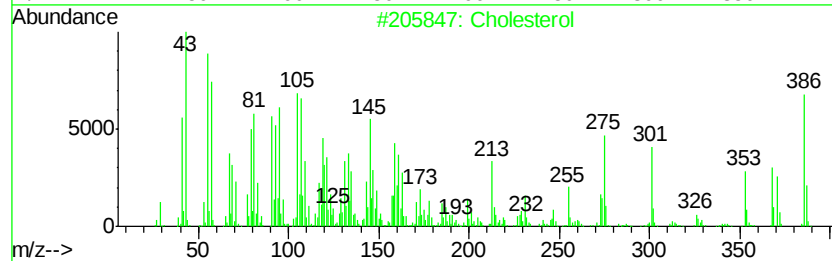
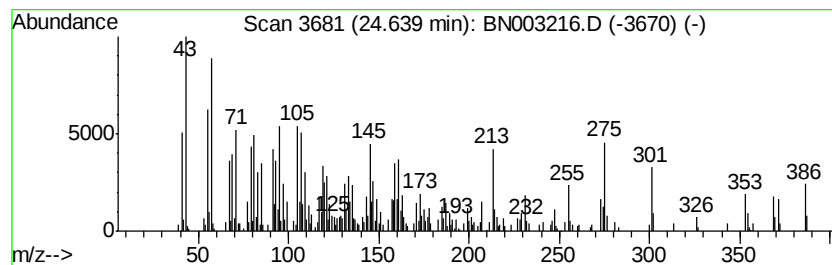
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cholesterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	13.45 ng/ul	1626890	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholesterol	386	C27H46O	000057-88-5	99
2		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	96
3		Cholesterol	386	C27H46O	000057-88-5	96
4		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	83
5		Cholest-5-en-3-ol (3.beta.)-, te...	597	C41H72O2	001989-52-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003216.D
Acq On : 19 Oct 2018 20:47
Operator : MJ/SJ
Sample : J5567-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

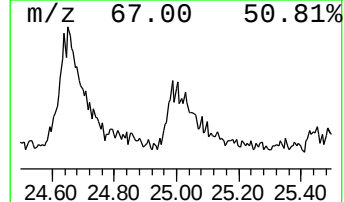
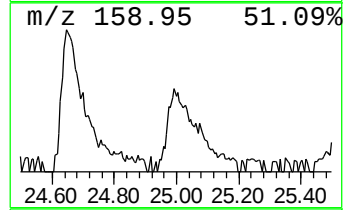
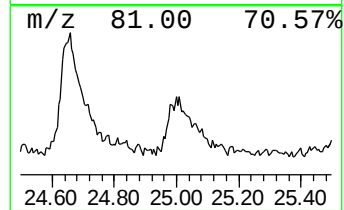
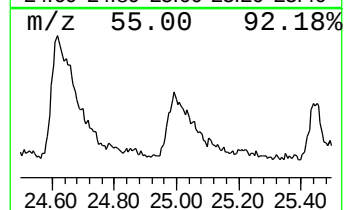
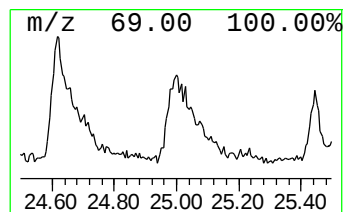
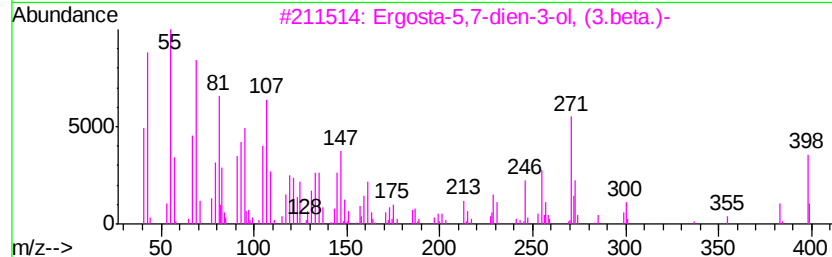
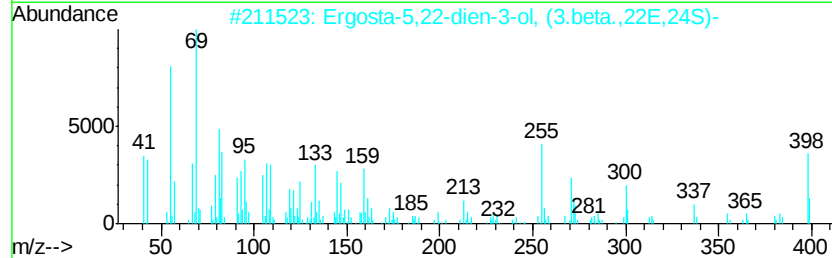
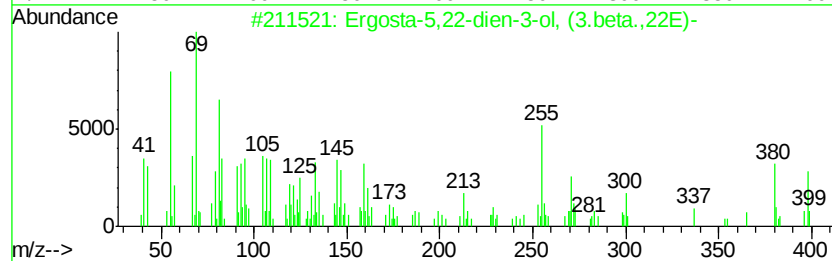
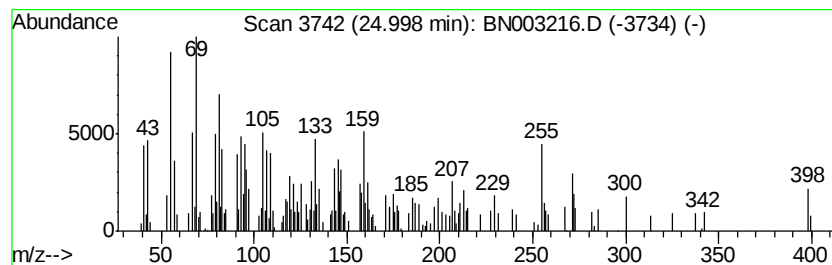
Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Ergosta-5,22-dien-3-ol, (3.... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.00	4.09 ng/ul	494890	Perylene-d12	23.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Ergosta-5,22-dien-3-ol, (3.beta....	398 C28H46O	000474-67-9	91
2	Ergosta-5,22-dien-3-ol, (3.beta....	398 C28H46O	017472-78-5	87
3	Ergosta-5,7-dien-3-ol, (3.beta.)-	398 C28H46O	000516-79-0	64
4	Ergost-5,8(14)-dien-3-ol	398 C28H46O	177962-83-3	60
5	Ergosta-4,22-dien-3.beta.-ol	398 C28H46O	062332-14-3	60



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Misc :
ALS Vial : 12 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	17.91	14.5	ng/ul	1219580	4	17.00	1682450	20.0
Oleic Acid	19.09	2.4	ng/ul	204610	4	17.00	1682450	20.0
(DEL) Alkane: Str...	21.79	2.4	ng/ul	261778	5	21.22	2185760	20.0
(DEL) Alkane: Str...	22.24	3.7	ng/ul	403914	5	21.22	2185760	20.0
(DEL) Alkane: Str...	22.73	4.0	ng/ul	488646	6	23.42	2418670	20.0
(DEL) Alkane: Str...	23.90	4.3	ng/ul	518642	6	23.42	2418670	20.0
Cholesterol	24.64	13.4	ng/ul	1626890	6	23.42	2418670	20.0
Ergosta-5,22-dien...	25.00	4.1	ng/ul	494890	6	23.42	2418670	20.0