

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
 Data File : BN003223.D
 Acq On : 20 Oct 2018 00:52
 Operator : MJ/SJ
 Sample : J5567-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH9

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	165	rVB	55323	82123	2.44%	0.198%
2	6.675	619	627	634	rBV2	14680	34215	1.02%	0.083%
3	6.811	643	650	668	rBV2	327670	798995	23.72%	1.929%
4	6.952	668	674	686	rVV	300297	468324	13.90%	1.131%
5	7.152	702	708	726	rBV	361258	617494	18.33%	1.491%
6	7.605	778	785	794	rBV	370350	594008	17.64%	1.434%
7	8.328	902	908	923	rBV	445512	801786	23.80%	1.936%
8	8.757	975	981	997	rBV	353567	614060	18.23%	1.483%
9	9.475	1095	1103	1119	rBV	306149	540405	16.04%	1.305%
10	10.022	1190	1196	1211	rBV	434246	870737	25.85%	2.102%
11	10.375	1249	1256	1265	rBV	583453	996307	29.58%	2.406%
12	10.528	1275	1282	1297	rBV	367365	735116	21.82%	1.775%
13	13.663	1808	1815	1819	rBV	928226	1284725	38.14%	3.102%
14	13.710	1819	1823	1833	rVB	225170	316972	9.41%	0.765%
15	13.934	1854	1861	1871	rBV	1113277	1704462	50.60%	4.116%
16	14.245	1907	1914	1924	rBV2	922432	1427888	42.39%	3.448%
17	14.516	1955	1960	1985	rBV	167306	521974	15.50%	1.260%
18	15.245	2078	2084	2094	rVB	1482780	2130561	63.25%	5.144%
19	15.404	2106	2111	2122	rBV	361027	611335	18.15%	1.476%
20	16.422	2280	2284	2295	rBV2	69661	102011	3.03%	0.246%
21	17.004	2377	2383	2391	rBV2	1172715	1717995	51.00%	4.148%
22	17.104	2394	2400	2410	rVB	1560189	2302458	68.36%	5.559%
23	17.792	2510	2517	2526	rBV3	56260	135643	4.03%	0.328%
24	17.922	2531	2539	2561	rBV	1577201	2643333	78.48%	6.383%
25	18.580	2647	2651	2657	rBV2	30916	48364	1.44%	0.117%
26	19.051	2727	2731	2732	rVV	88554	102898	3.05%	0.248%
27	19.086	2732	2737	2751	rVV3	239981	611127	18.14%	1.476%
28	19.198	2752	2756	2768	rVB	185717	289912	8.61%	0.700%
29	19.410	2786	2792	2798	rBV	1941172	2723531	80.86%	6.576%
30	19.457	2798	2800	2804	rVB2	42578	43759	1.30%	0.106%
31	19.957	2881	2885	2891	rBV	104128	126260	3.75%	0.305%
32	20.051	2898	2901	2905	rBV3	33383	48396	1.44%	0.117%
33	20.322	2944	2947	2956	rVB6	39561	69738	2.07%	0.168%
34	20.457	2966	2970	2973	rBV2	164952	178754	5.31%	0.432%

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35	20.927	3045	3050	3059	rBV3	216817	473517	14.06%	1.143%
36	21.122	3081	3083	3089	rVB	40561	48009	1.43%	0.116%
37	21.216	3093	3099	3107	rVB	1600678	2218720	65.87%	5.357%
38	21.357	3120	3123	3127	rVB	289497	308856	9.17%	0.746%
39	21.786	3192	3196	3201	rVB	365795	407154	12.09%	0.983%
40	22.239	3269	3273	3279	rVB	455205	563016	16.71%	1.359%
41	22.363	3290	3294	3299	rVB	164536	216815	6.44%	0.524%
42	22.733	3352	3357	3362	rVB	447439	635278	18.86%	1.534%
43	23.280	3443	3450	3458	rVB	1947875	3368331	100.00%	8.133%
44	23.421	3467	3474	3489	rBV	1158930	2368529	70.32%	5.719%
45	23.898	3549	3555	3563	rVB	341760	673254	19.99%	1.626%
46	24.357	3626	3633	3650	rVB9	150796	531791	15.79%	1.284%
47	24.639	3672	3681	3701	rVB5	542451	2169183	64.40%	5.238%
48	24.980	3732	3739	3760	rVB8	192280	788469	23.41%	1.904%
49	25.451	3813	3819	3826	rBV2	114439	348474	10.35%	0.841%

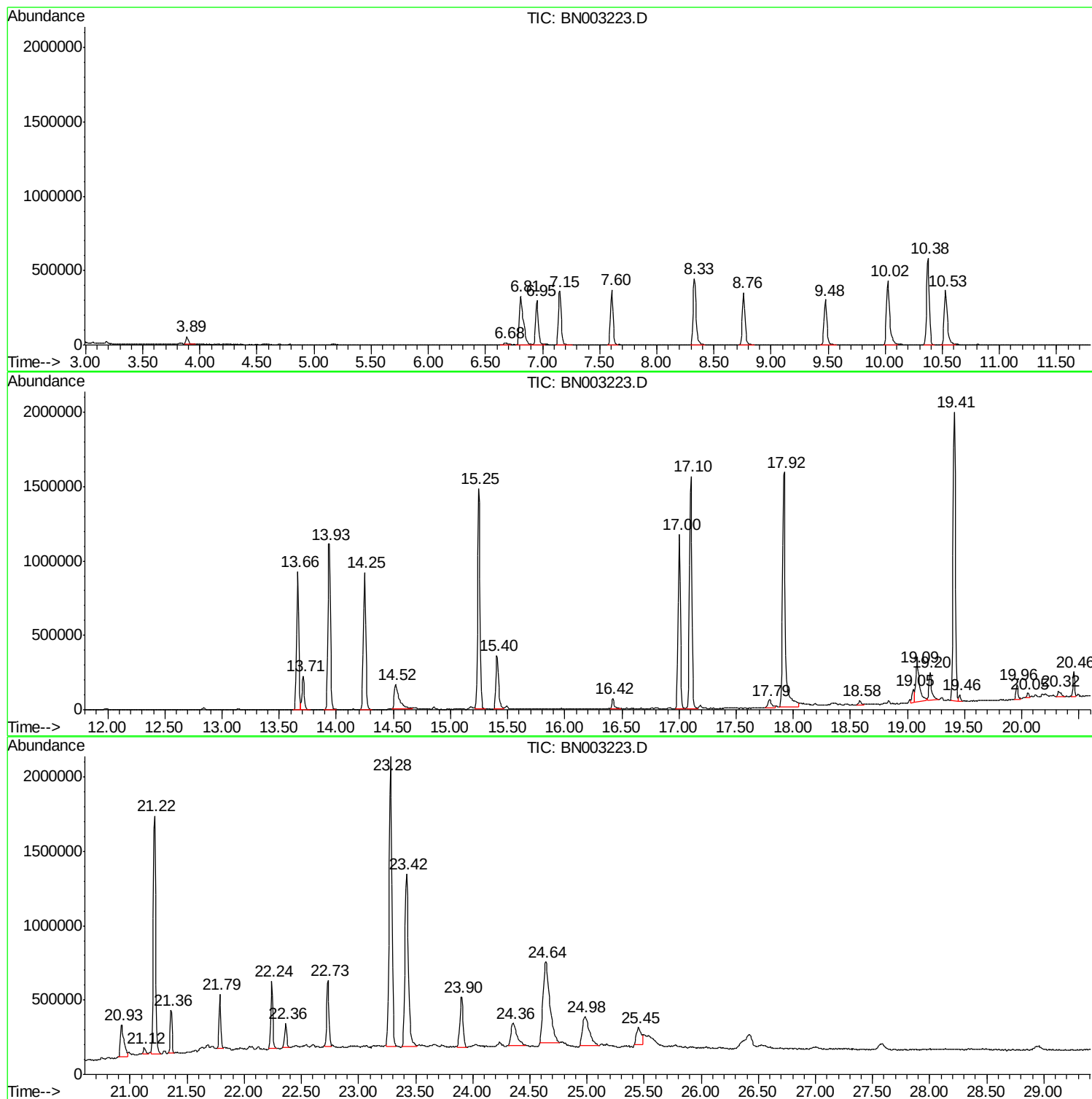
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Quant Title : SVOA CALIBRATION

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



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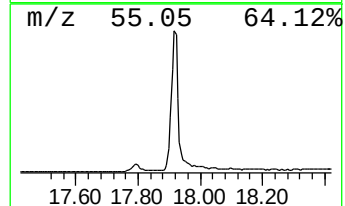
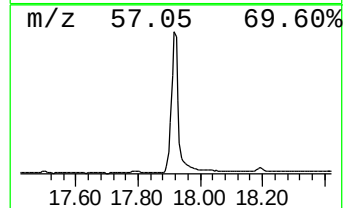
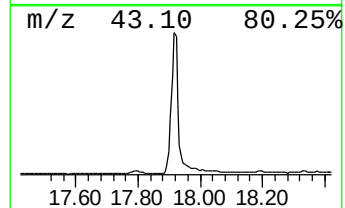
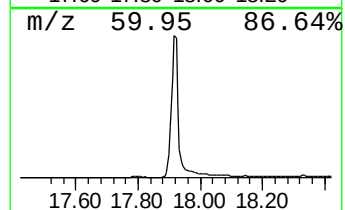
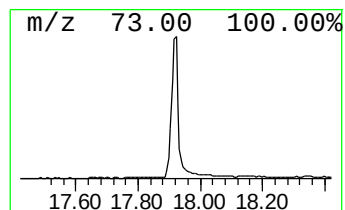
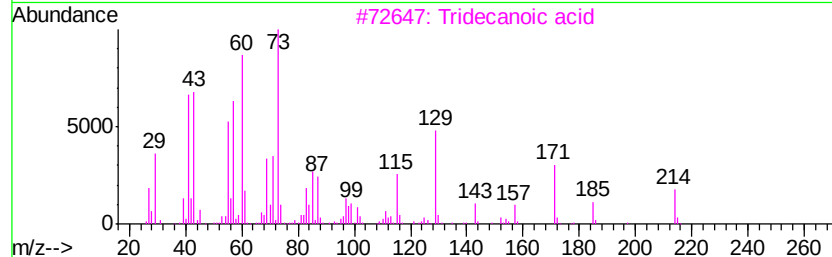
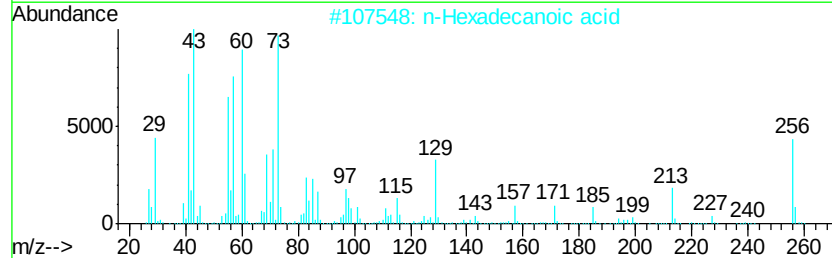
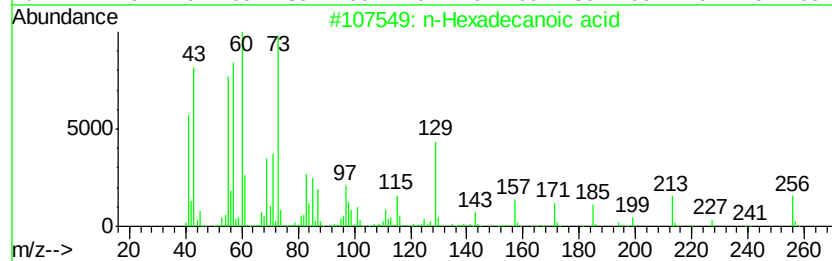
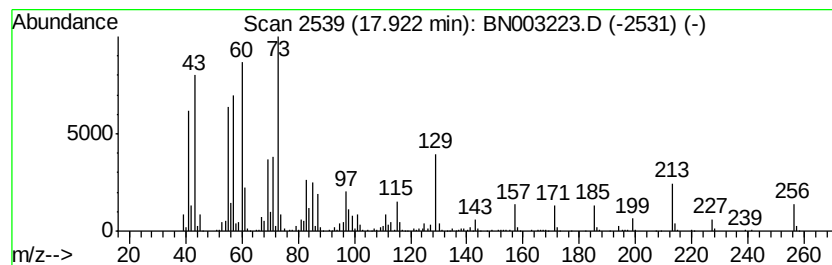
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	30.77 ng/ul	2643330	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	92
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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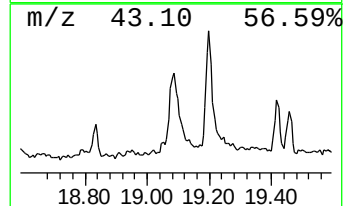
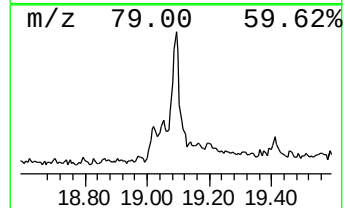
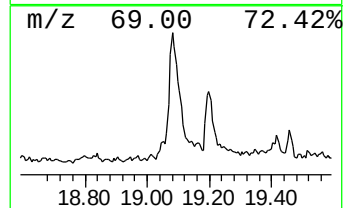
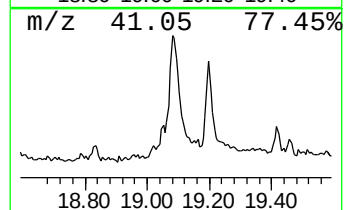
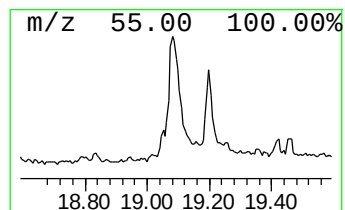
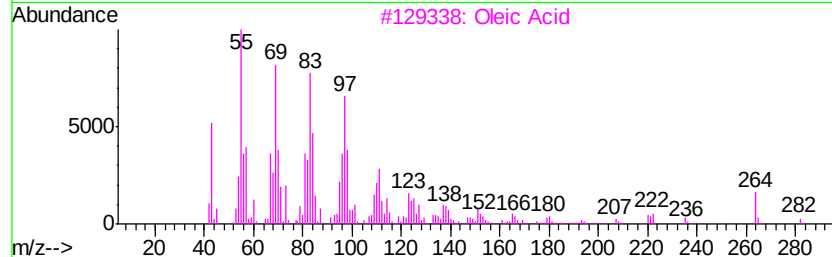
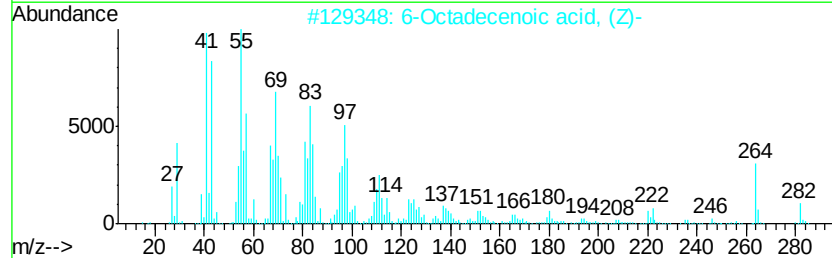
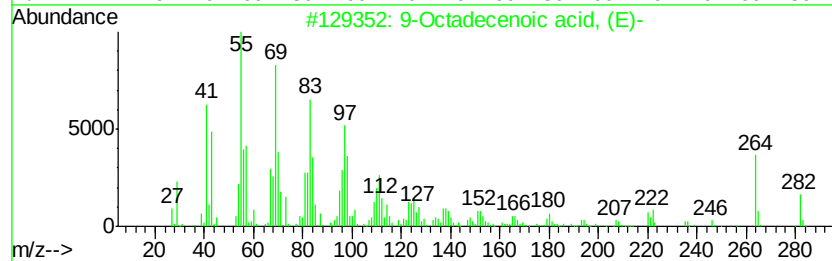
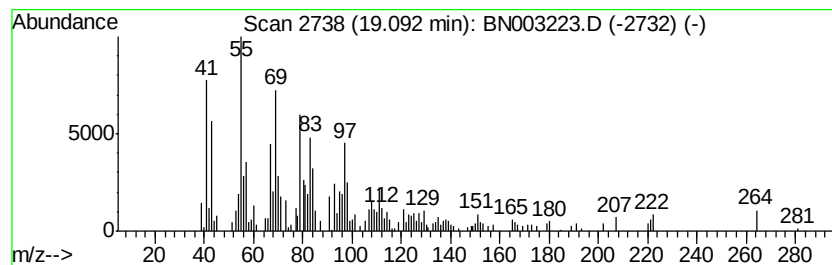
Instrument :
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Peak Number 3 9-Octadecenoic acid, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.09	7.11 ng/ul	611127	Phenanthrene-d10		17.00		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	99
2			6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	99
3			Oleic Acid	282	C18H34O2	000112-80-1	99
4			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	98
5			cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	95



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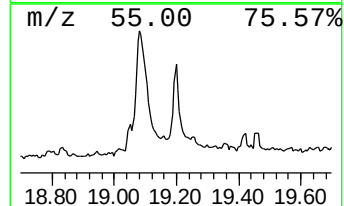
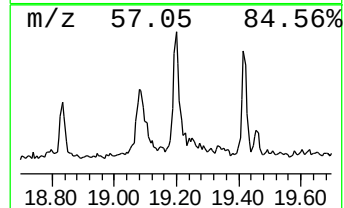
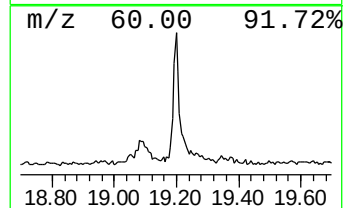
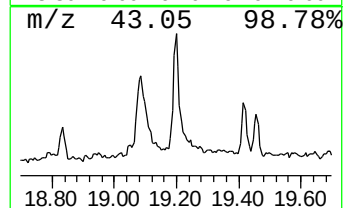
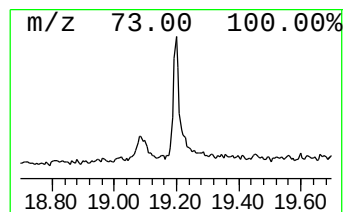
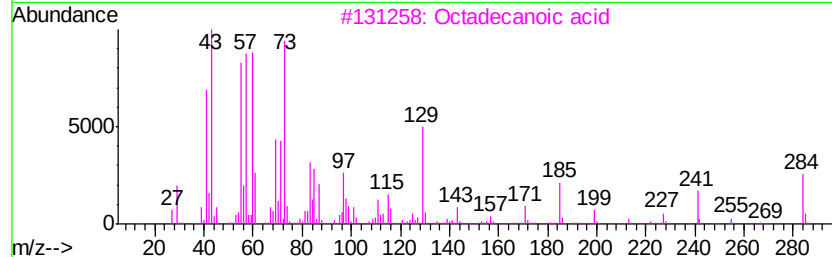
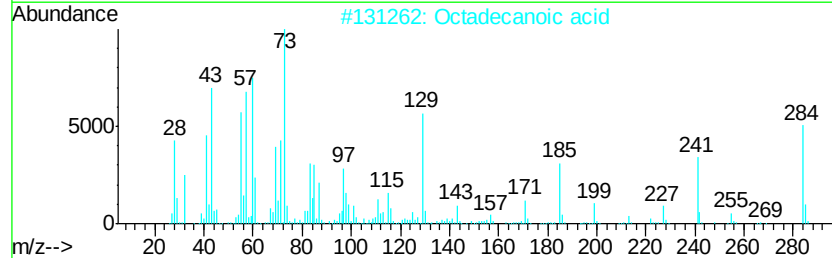
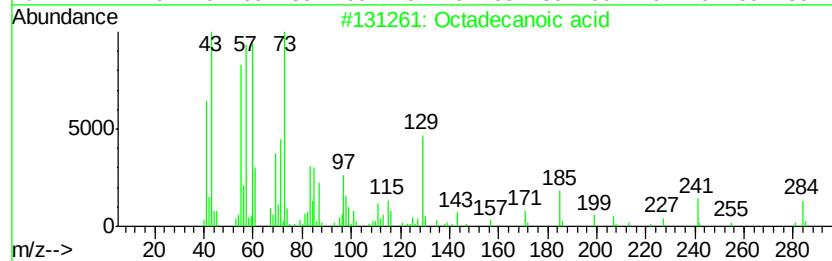
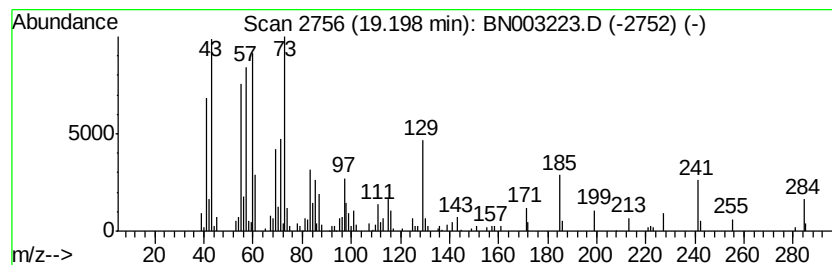
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.61 ng/ul	289912	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	99
5		Octadecanoic acid	284	C18H36O2	000057-11-4	98



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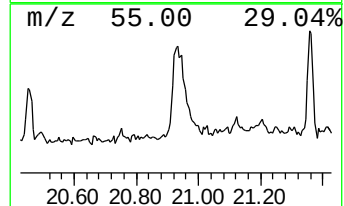
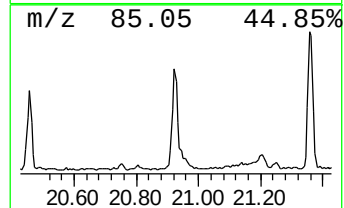
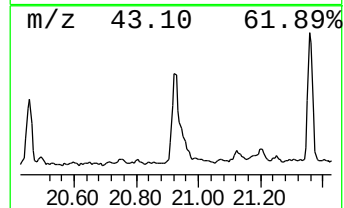
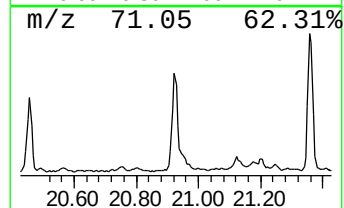
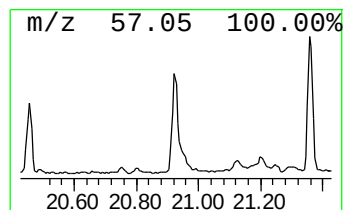
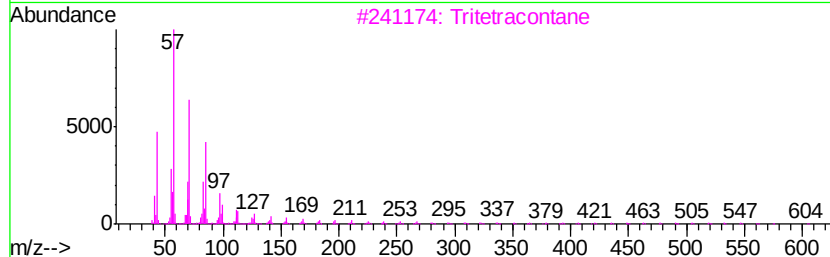
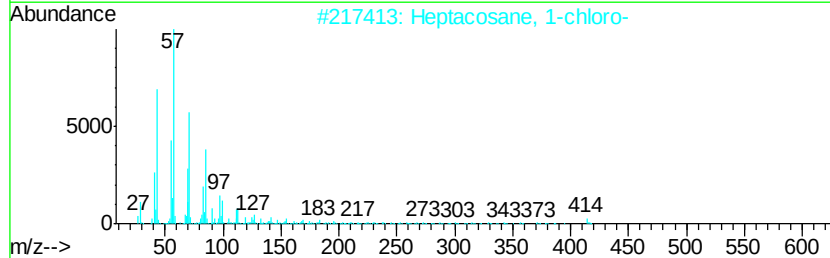
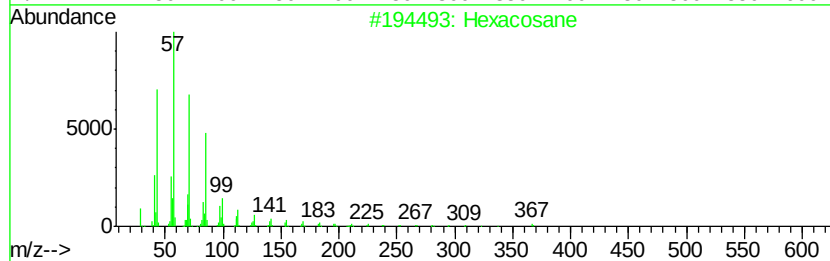
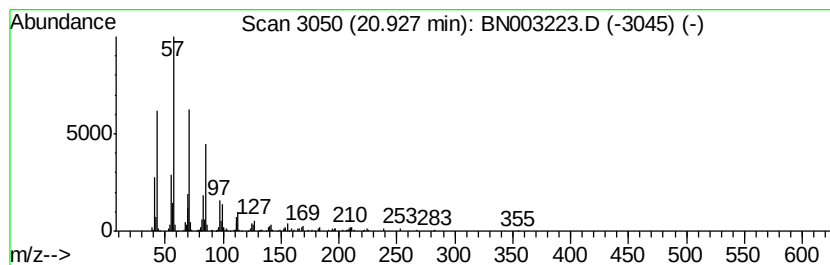
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.27 ng/ul	473517	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Tritetracontane	605	C43H88	007098-21-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	90



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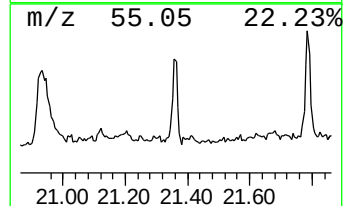
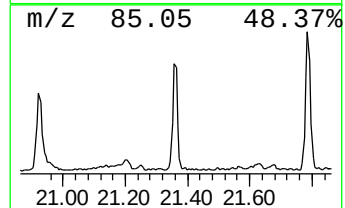
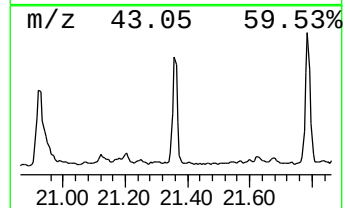
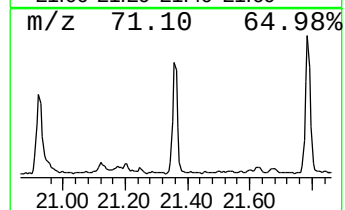
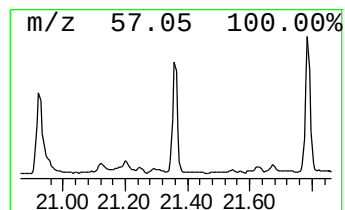
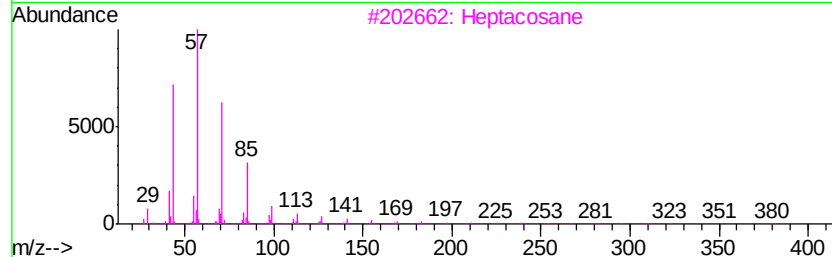
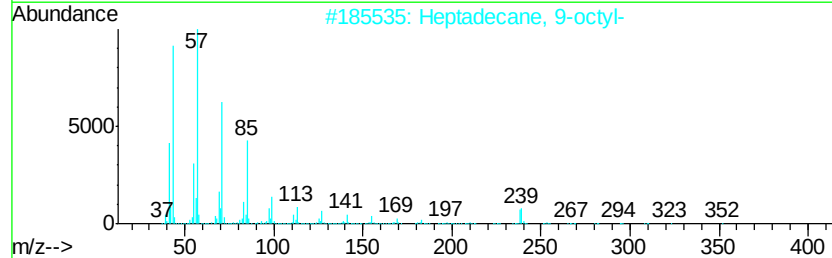
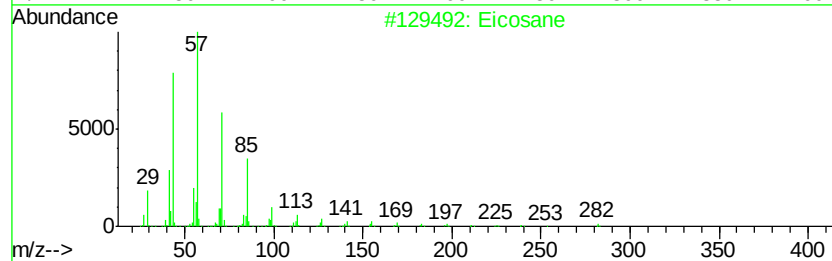
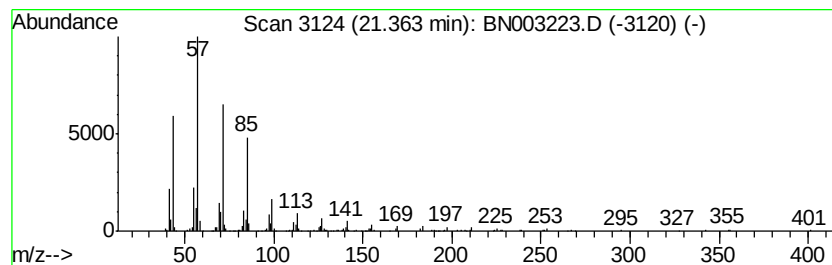
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Quant Title : SVOA CALIBRATION

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.
21.36	2.78 ng/ul	308856	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



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Data File : BN003223.D
Acq On : 20 Oct 2018 00:52
Operator : MJ/SJ
Sample : J5567-11
Misc :
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Instrument :
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ClientSampleId :
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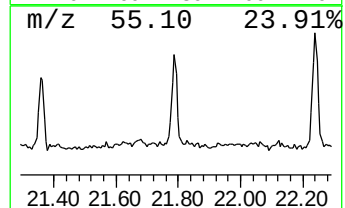
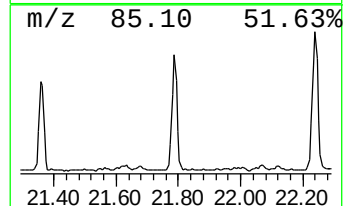
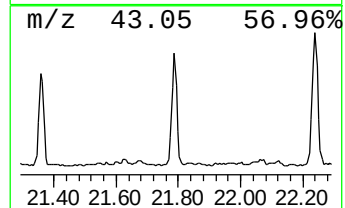
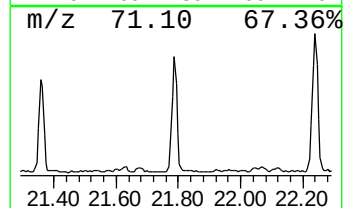
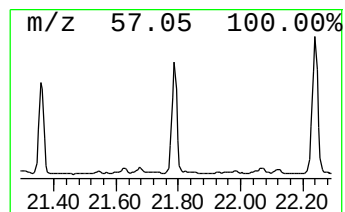
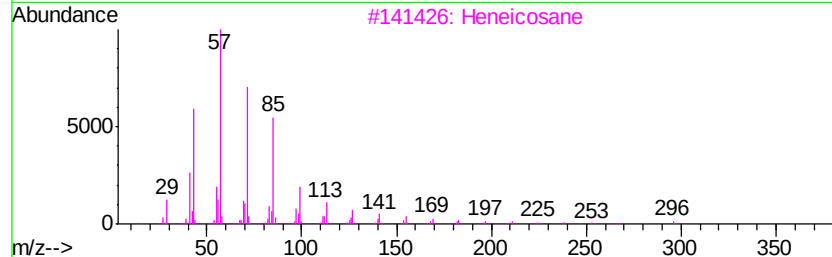
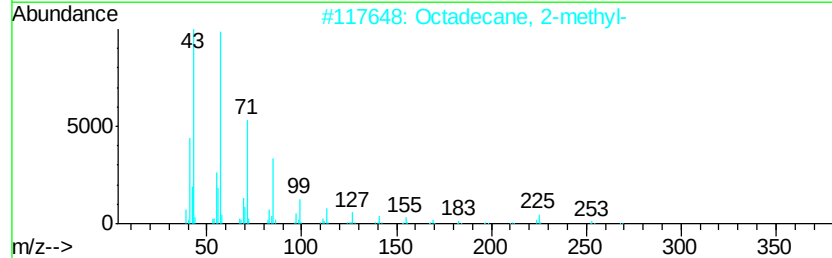
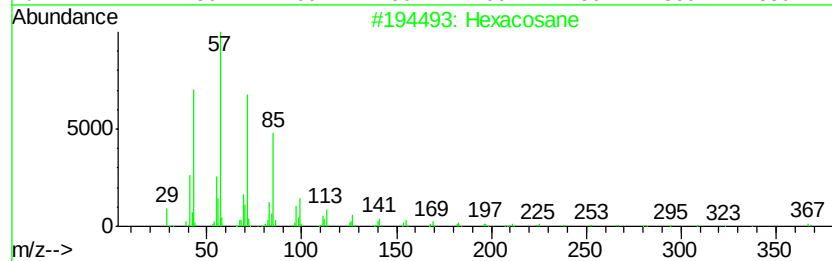
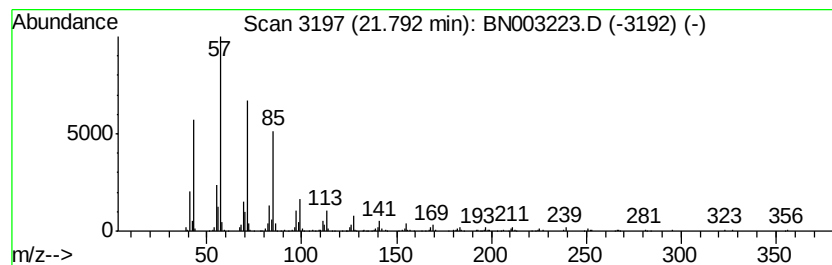
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	3.67 ng/ul	407154	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Tetracosane	338	C24H50	000646-31-1	91



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Data File : BN003223.D
Acq On : 20 Oct 2018 00:52
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Sample : J5567-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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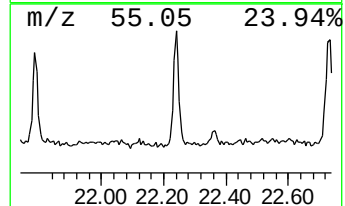
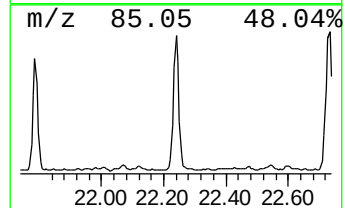
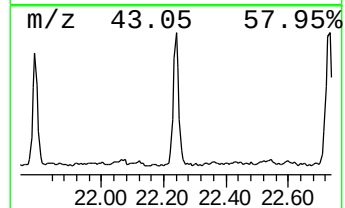
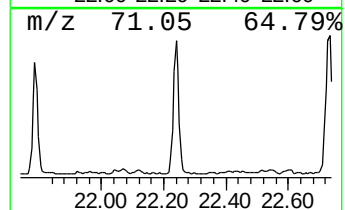
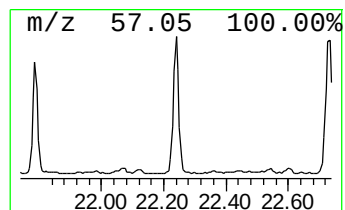
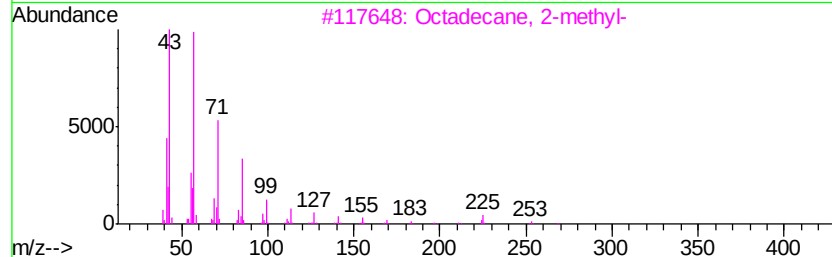
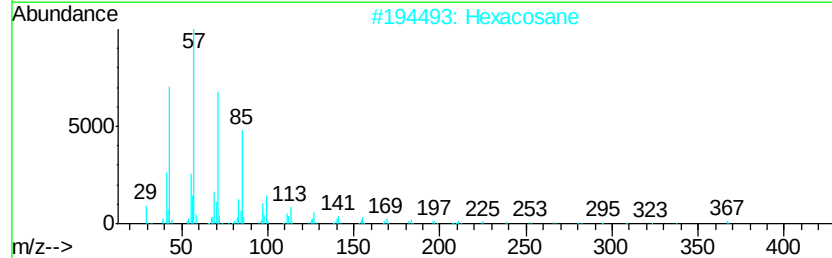
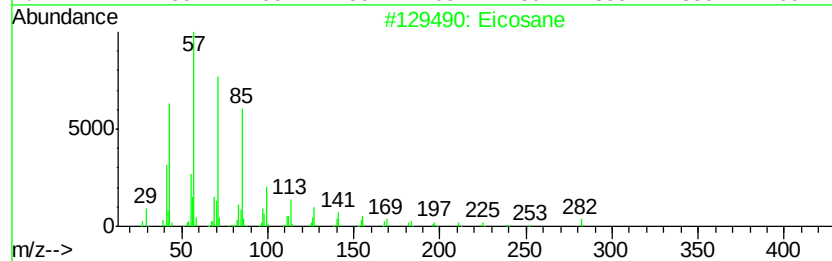
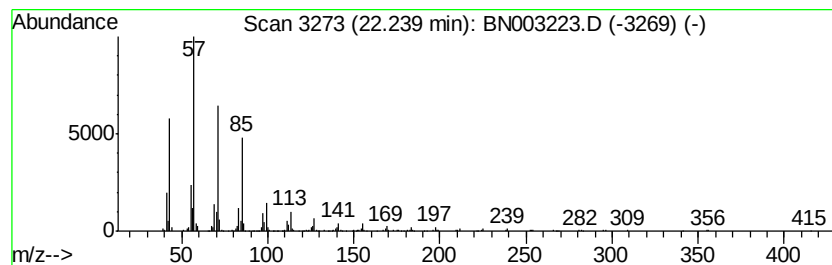
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	5.08 ng/ul	563016	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Hexacosane	366	C26H54	000630-01-3	94
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
4		Eicosane	282	C20H42	000112-95-8	93
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003223.D
Acq On : 20 Oct 2018 00:52
Operator : MJ/SJ
Sample : J5567-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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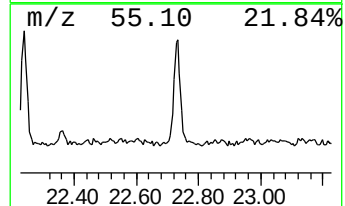
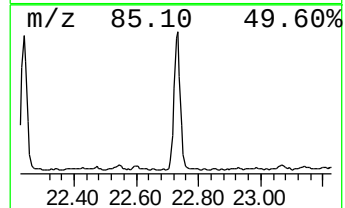
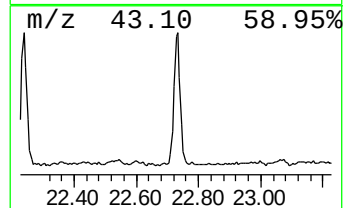
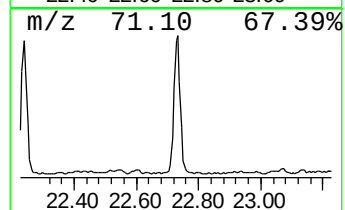
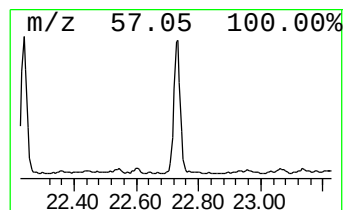
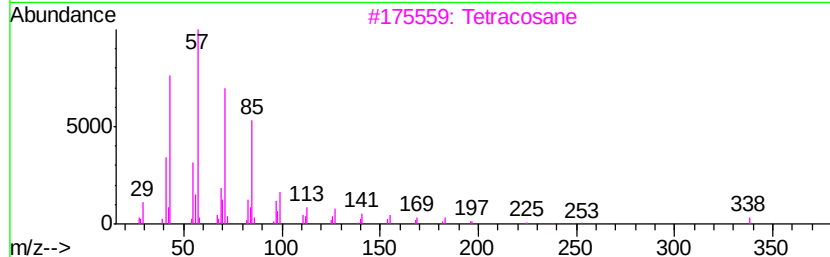
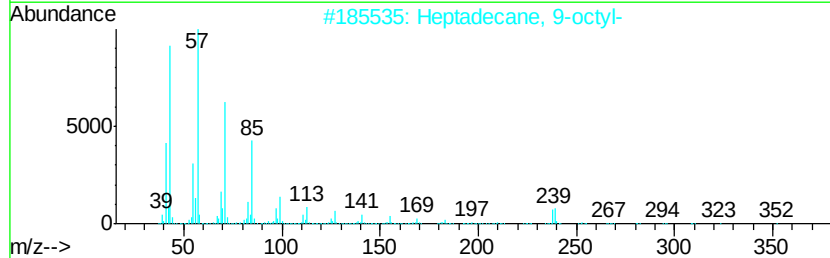
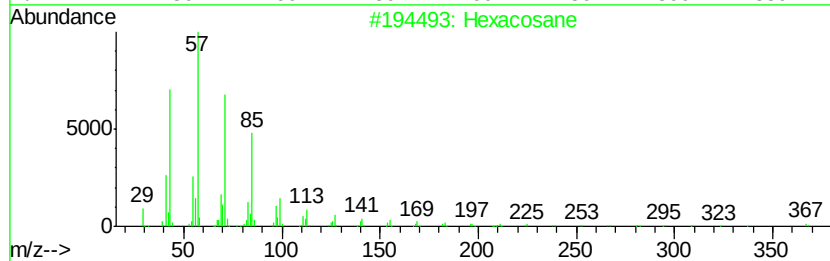
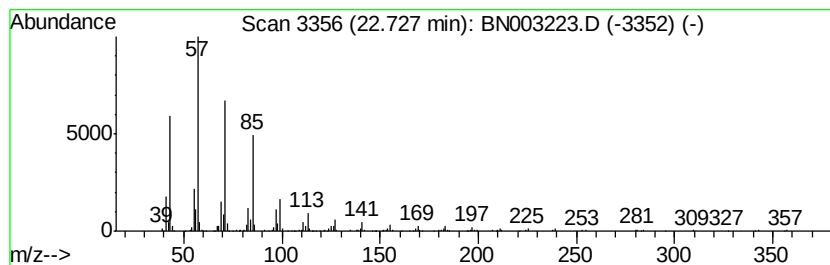
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	5.36 ng/ul	635278	Perylene-d12	23.42

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		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003223.D
Acq On : 20 Oct 2018 00:52
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Sample : J5567-11
Misc :
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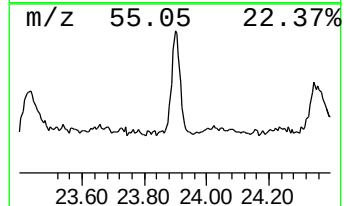
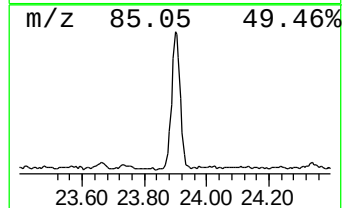
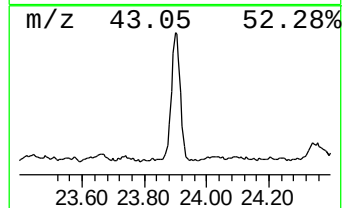
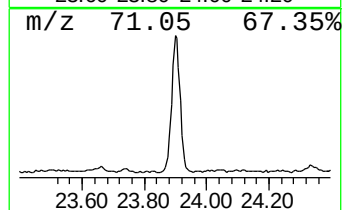
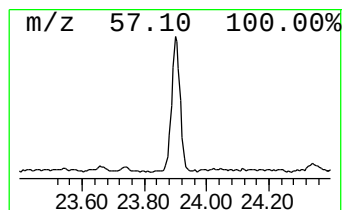
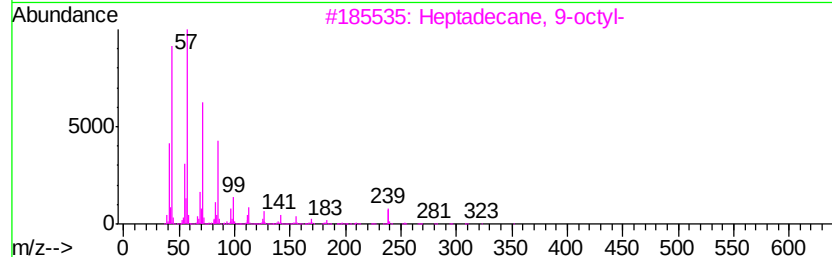
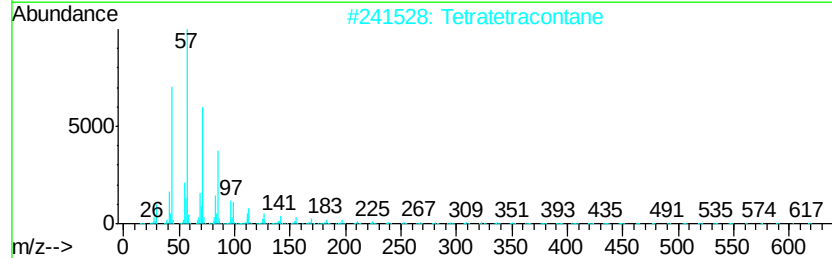
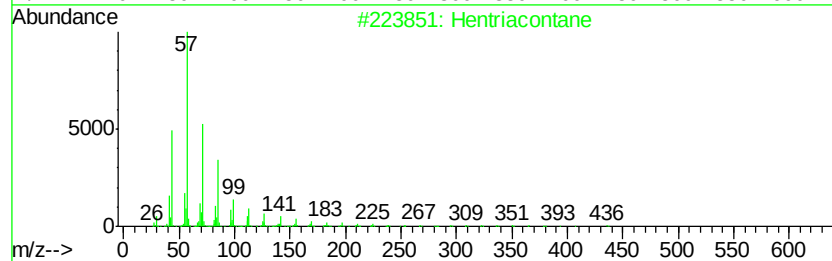
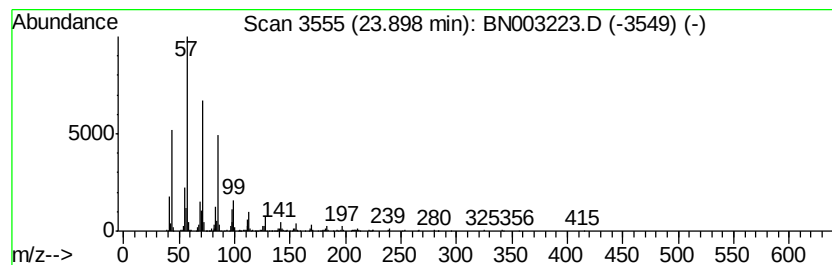
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	5.69 ng/ul	673254	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Octacosane	394	C28H58	000630-02-4	91



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Sample : J5567-11
Misc :
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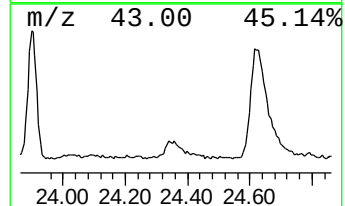
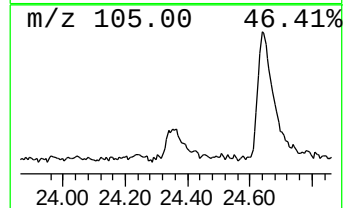
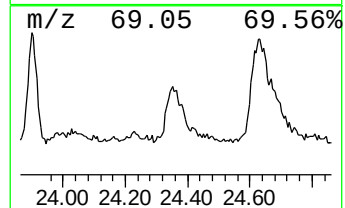
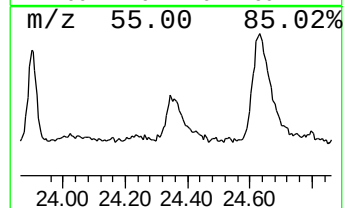
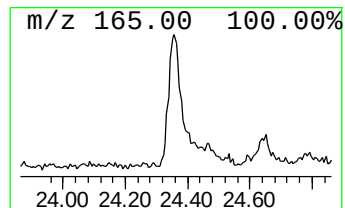
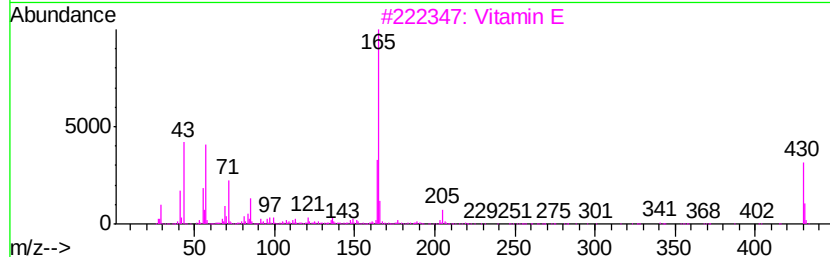
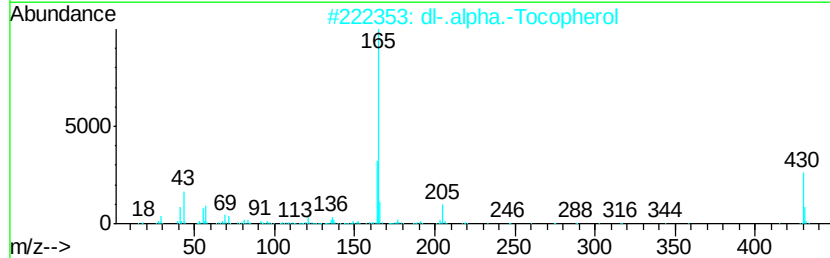
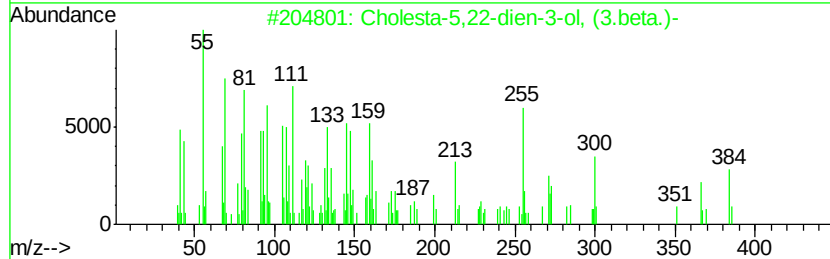
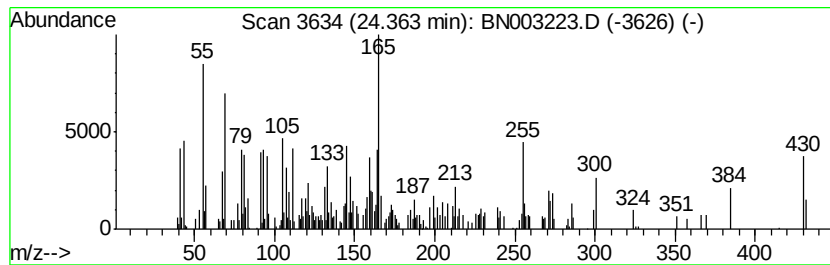
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cholesta-5,22-dien-3-ol, (3... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	4.49 ng/ul	531791	Perylene-d12	23.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cholesta-5,22-dien-3-ol, (3.beta.)-	384 C27H44O	092218-20-7 91
2		dl-.alpha.-Tocopherol	430 C29H50O2	010191-41-0 46
3		Vitamin E	430 C29H50O2	000059-02-9 38
4		Vitamin E	430 C29H50O2	000059-02-9 25
5		Phenyl-(4,4,7a-trimethyl-2,4,5,6...	270 C18H22O2	065868-92-0 22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
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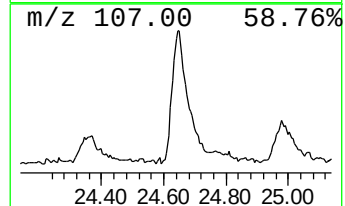
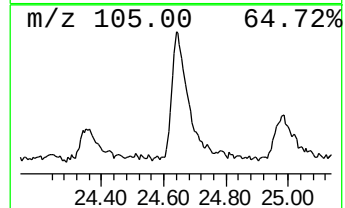
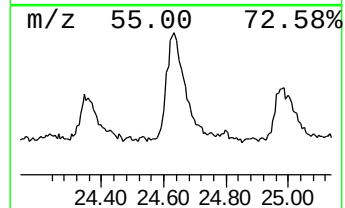
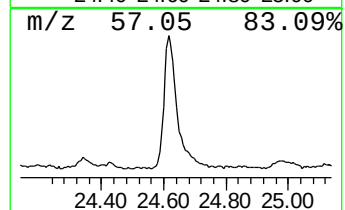
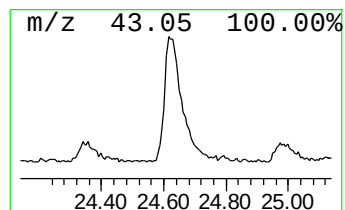
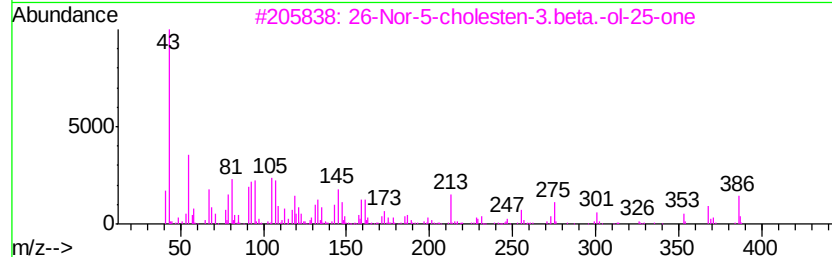
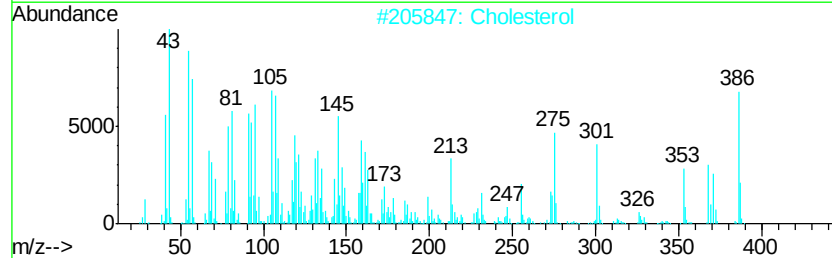
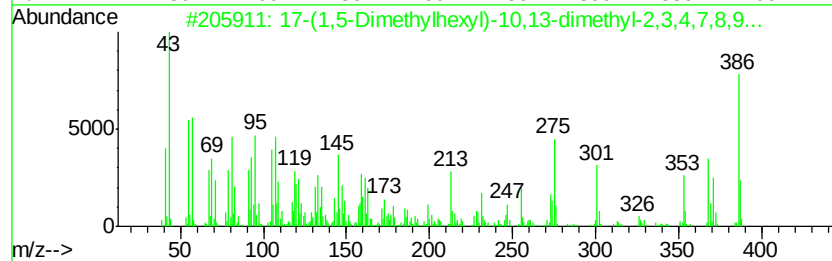
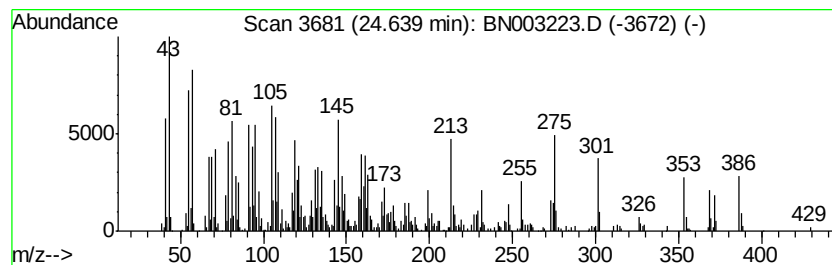
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Quant Title : SVOA CALIBRATION

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	18.32 ng/ul	2169180	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	99
4		Cholesterol	386	C27H46O	000057-88-5	95
5		Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
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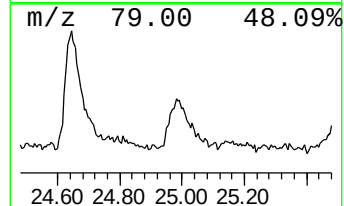
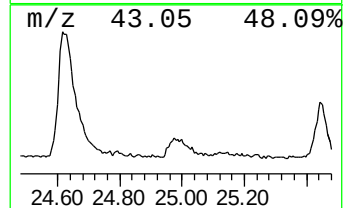
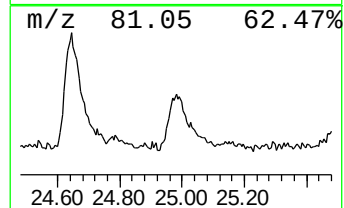
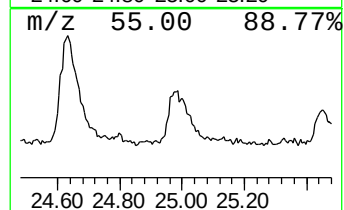
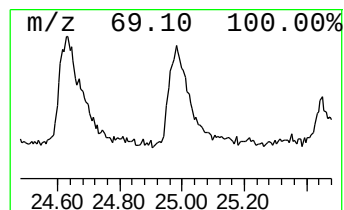
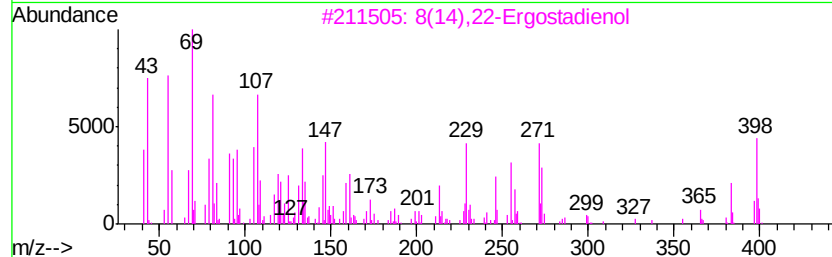
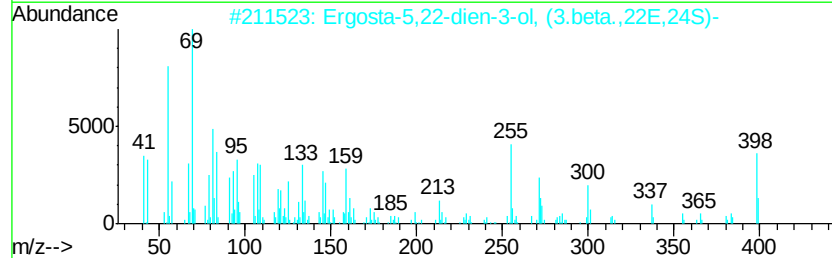
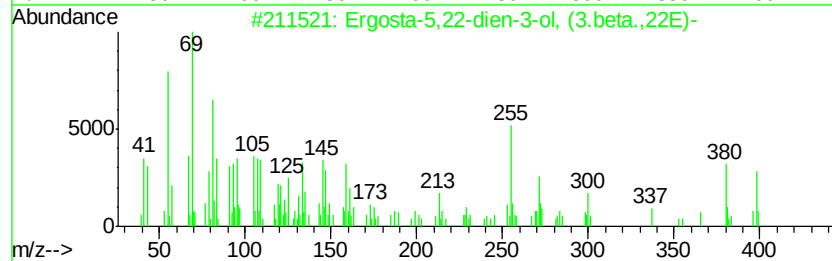
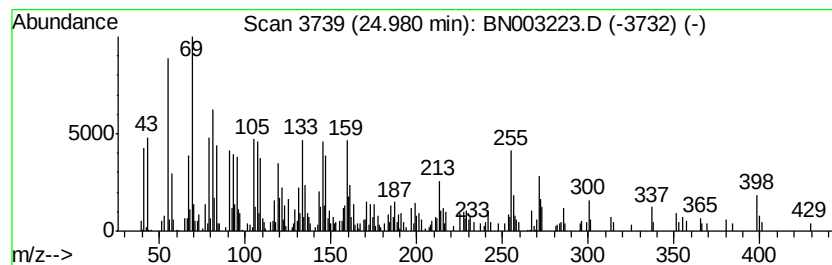
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BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Ergosta-5,22-dien-3-ol, (3.... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	6.66 ng/ul	788469	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	83
2	Ergosta-5,22-dien-3-ol, (3.beta....	398 C28H46O	017472-78-5	83
3	8(14),22-Ergostadienol	398 C28H46O	051502-42-2	58
4	Ergosta-5,22-dien-3-ol, (3.beta....	398 C28H46O	017472-78-5	58
5	Cholesta-5,22-dien-3-ol, (3.beta.)-	384 C27H44O	092218-20-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003223.D
Acq On : 20 Oct 2018 00:52
Operator : MJ/SJ
Sample : J5567-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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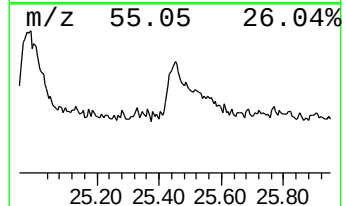
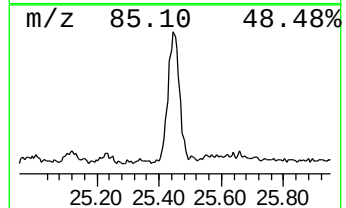
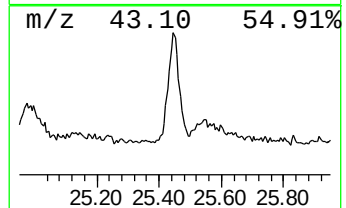
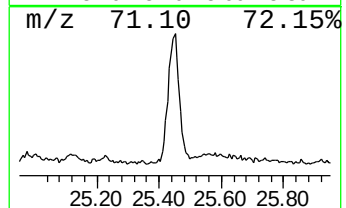
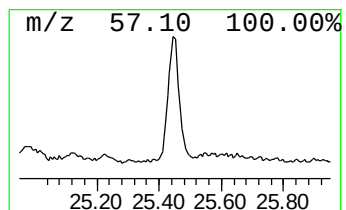
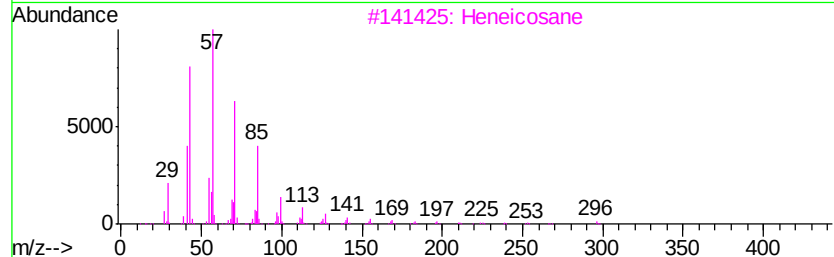
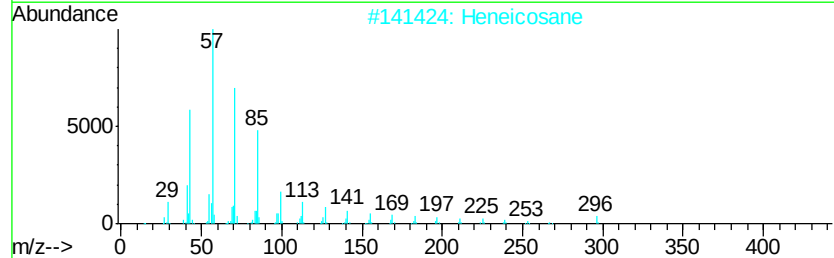
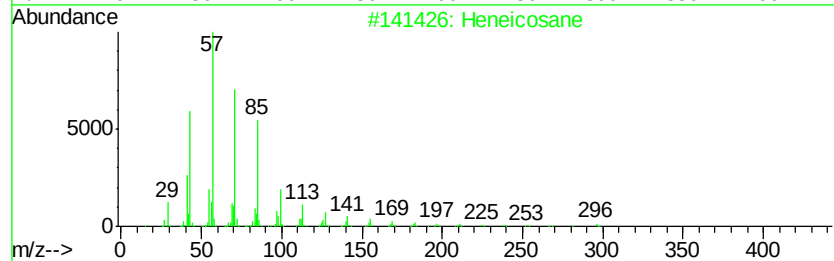
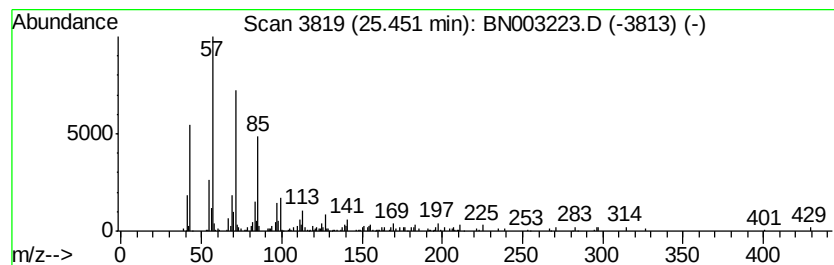
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.45	2.94 ng/ul	348474	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Heneicosane	296	C21H44	000629-94-7	93
3			Heneicosane	296	C21H44	000629-94-7	93
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
5			Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
 Data File : BN003223.D
 Acq On : 20 Oct 2018 00:52
 Operator : MJ/SJ
 Sample : J5567-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH9

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	30.8	ng/ul	2643330	4	17.00	1718000	20.0
9-Octadecenoic ac...	19.09	7.1	ng/ul	611127	4	17.00	1718000	20.0
Octadecanoic acid	19.20	2.6	ng/ul	289912	5	21.22	2218720	20.0
(DEL) Alkane: Str...	20.93	4.3	ng/ul	473517	5	21.22	2218720	20.0
(DEL) Alkane: Str...	21.36	2.8	ng/ul	308856	5	21.22	2218720	20.0
(DEL) Alkane: Str...	21.79	3.7	ng/ul	407154	5	21.22	2218720	20.0
(DEL) Alkane: Str...	22.24	5.1	ng/ul	563016	5	21.22	2218720	20.0
(DEL) Alkane: Str...	22.73	5.4	ng/ul	635278	6	23.42	2368530	20.0
(DEL) Alkane: Str...	23.90	5.7	ng/ul	673254	6	23.42	2368530	20.0
Cholesta-5,22-die...	24.36	4.5	ng/ul	531791	6	23.42	2368530	20.0
17-(1,5-Dimethylh...	24.64	18.3	ng/ul	2169180	6	23.42	2368530	20.0
Ergosta-5,22-dien...	24.98	6.7	ng/ul	788469	6	23.42	2368530	20.0
(DEL) Alkane: Str...	25.45	2.9	ng/ul	348474	6	23.42	2368530	20.0