

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
 Data File : BN003255.D
 Acq On : 23 Oct 2018 00:28
 Operator : MJ/SJ
 Sample : J5568-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK5

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	148	153	164	rVB	73437	114421	3.64%	0.410%
2	6.810	645	650	668	rBV2	151448	393236	12.50%	1.411%
3	6.951	668	674	685	rVB	135345	221338	7.04%	0.794%
4	7.151	701	708	721	rBV	170241	291760	9.27%	1.047%
5	7.604	778	785	796	rBV	260644	431241	13.71%	1.547%
6	8.334	903	909	927	rBV	199654	385563	12.25%	1.383%
7	8.757	974	981	994	rBV	162040	291805	9.27%	1.047%
8	9.475	1097	1103	1115	rBV	133510	250306	7.96%	0.898%
9	10.028	1191	1197	1214	rBV	185737	406090	12.91%	1.457%
10	10.369	1246	1255	1266	rBV	435768	749531	23.82%	2.689%
11	10.534	1276	1283	1299	rBV	156619	333083	10.59%	1.195%
12	12.828	1668	1673	1682	rBV2	17260	34423	1.09%	0.123%
13	13.657	1809	1814	1819	rBV	468723	661224	21.02%	2.372%
14	13.710	1819	1823	1832	rVB	90993	139713	4.44%	0.501%
15	13.933	1855	1861	1870	rBV	580794	869169	27.63%	3.118%
16	14.245	1908	1914	1924	rBV2	736819	1129424	35.90%	4.051%
17	14.533	1959	1963	1983	rBV2	69824	237745	7.56%	0.853%
18	14.851	2012	2017	2024	rBV	51436	68853	2.19%	0.247%
19	15.245	2078	2084	2096	rVB	749274	1126460	35.80%	4.041%
20	15.410	2106	2112	2122	rBV	154737	278647	8.86%	1.000%
21	16.416	2279	2283	2292	rBV2	59857	85207	2.71%	0.306%
22	16.998	2376	2382	2391	rBV2	999453	1430672	45.47%	5.132%
23	17.098	2391	2399	2409	rVV	845017	1277301	40.60%	4.582%
24	17.180	2409	2413	2422	rVB4	22092	35247	1.12%	0.126%
25	17.786	2510	2516	2525	rBV2	77153	156718	4.98%	0.562%
26	17.910	2530	2537	2554	rBV	1142483	1782861	56.67%	6.395%
27	18.574	2647	2650	2659	rBV3	39124	68293	2.17%	0.245%
28	19.015	2721	2725	2727	rBV3	39570	54565	1.73%	0.196%
29	19.045	2727	2730	2732	rVV2	76922	104250	3.31%	0.374%
30	19.086	2732	2737	2748	rVV3	206213	554761	17.63%	1.990%
31	19.192	2751	2755	2769	rVB	194668	332429	10.57%	1.192%
32	19.404	2786	2791	2798	rBV2	1076151	1519009	48.28%	5.449%
33	20.051	2897	2901	2908	rVV2	66290	107878	3.43%	0.387%
34	20.180	2920	2923	2925	rBV2	38619	47662	1.51%	0.171%

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35	20.204	2925	2927	2937	rVB5	54231	91640	2.91%	0.329%
36	20.451	2966	2969	2973	rVB2	35661	39887	1.27%	0.143%
37	20.921	3046	3049	3051	rBV	34954	40348	1.28%	0.145%
38	21.209	3093	3098	3107	rVB	1478044	1899997	60.39%	6.816%
39	21.356	3120	3123	3127	rVB	67801	69127	2.20%	0.248%
40	21.780	3192	3195	3200	rVB	80327	93558	2.97%	0.336%
41	22.233	3268	3272	3279	rBV	128704	175017	5.56%	0.628%
42	22.356	3289	3293	3298	rVB	168543	207948	6.61%	0.746%
43	22.727	3352	3356	3361	rVB	148005	203212	6.46%	0.729%
44	23.274	3443	3449	3461	rVB	1063336	1916560	60.92%	6.875%
45	23.415	3466	3473	3486	rBV	933960	1995363	63.42%	7.158%
46	23.892	3550	3554	3561	rVB	167589	294511	9.36%	1.056%
47	24.633	3671	3680	3702	rBV4	809164	3146177	100.00%	11.286%
48	24.974	3730	3738	3765	rBV4	387183	1733051	55.08%	6.217%

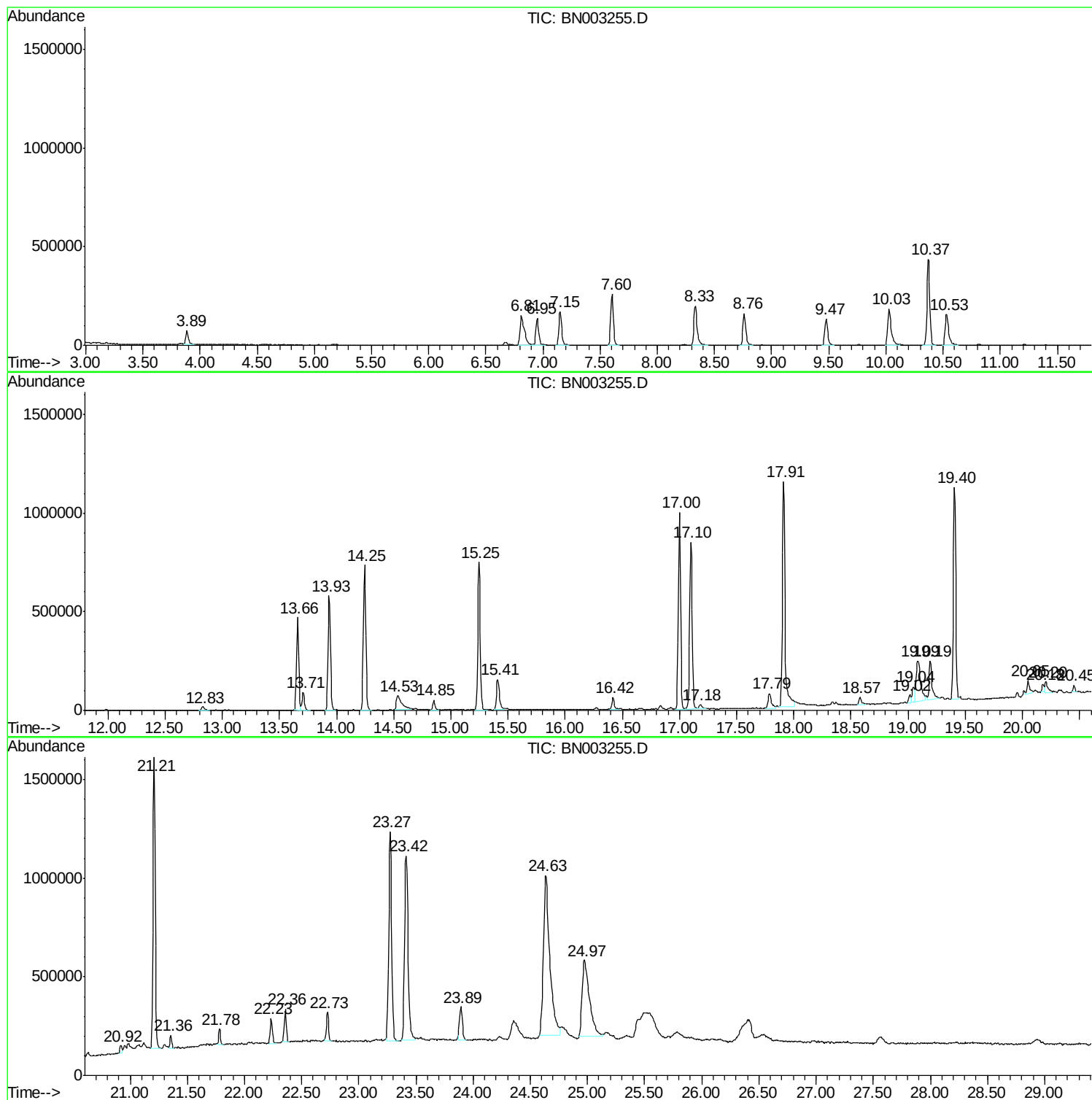
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION

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



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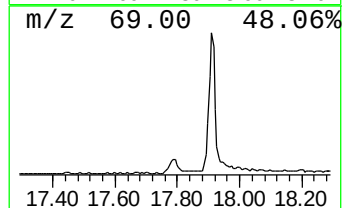
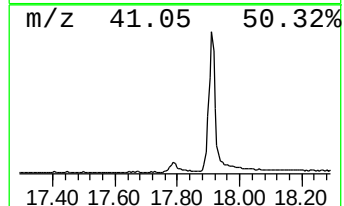
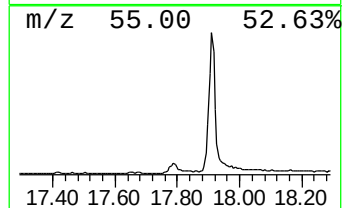
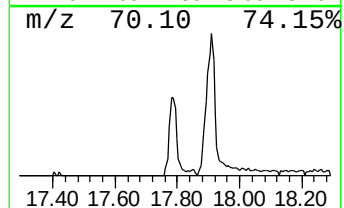
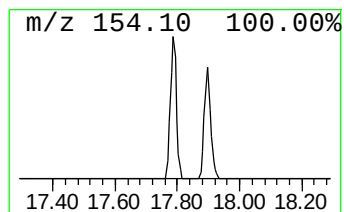
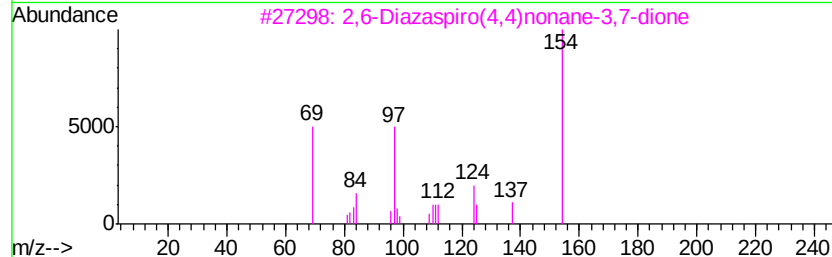
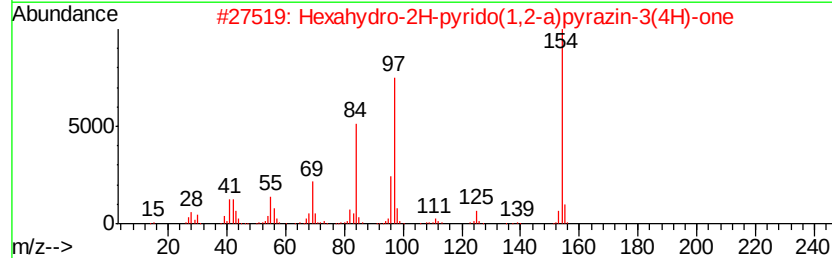
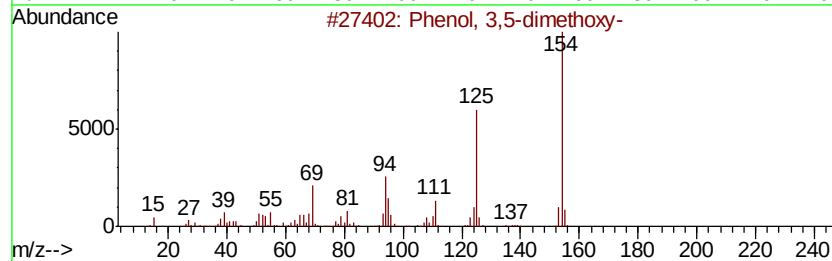
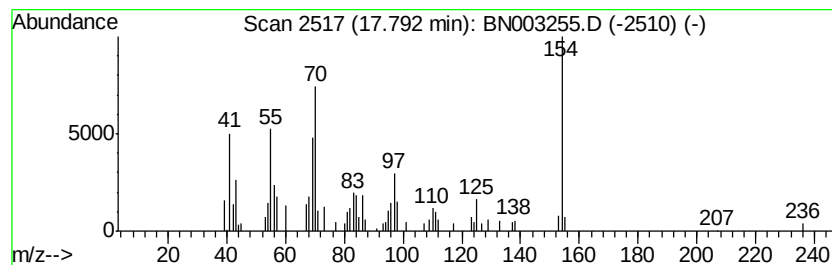
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.79	2.19 ng/ul	156718	Phenanthrene-d10	17.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethoxy-	154	C8H10O3	000500-99-2	43
2	Hexahydro-2H-pyrido(1,2-a)pyrazi...	154	C8H14N2O	015932-74-8	43
3	2,6-Diazaspiro(4,4)nonane-3,7-dione	154	C7H10N2O2	1000146-69-5	38
4	6-Cyanoquinoline	154	C10H6N2	023395-72-4	38
5	Benzenemethanol, 3-hydroxy-5-met...	154	C8H10O3	030891-29-3	38



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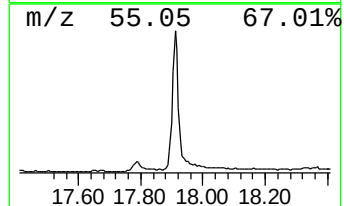
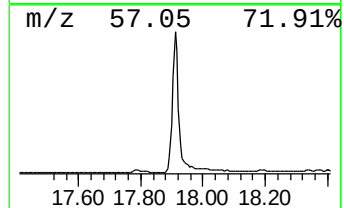
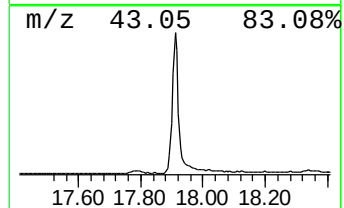
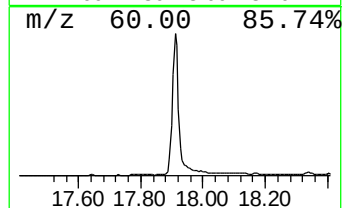
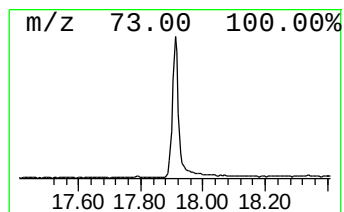
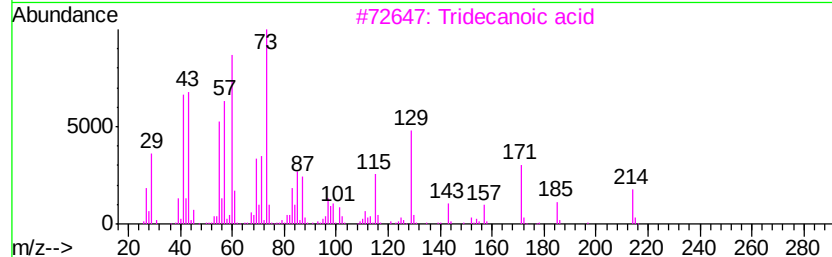
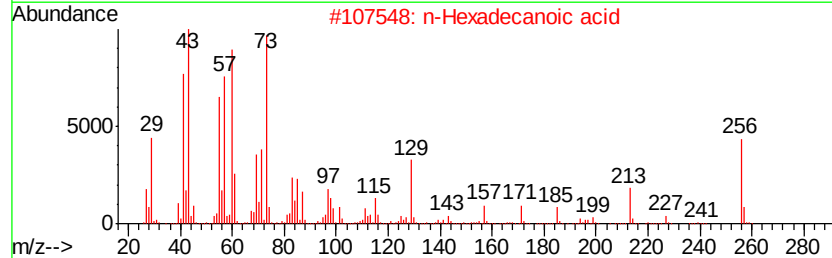
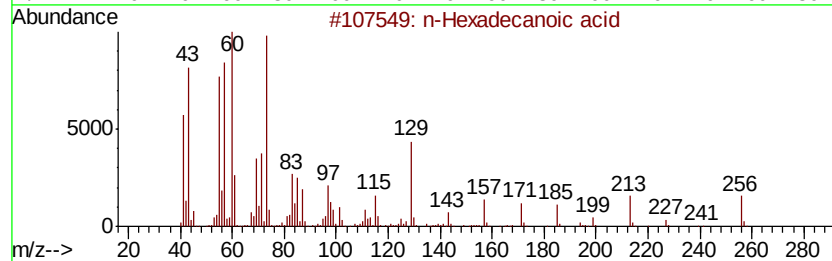
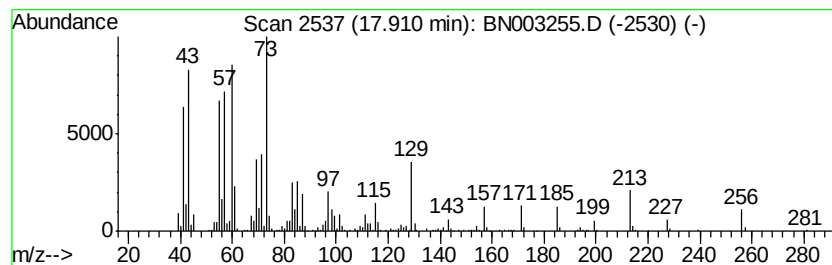
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	24.92 ng/ul	1782860	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		Tetradecanoic acid	228	C14H28O2	000544-63-8	91



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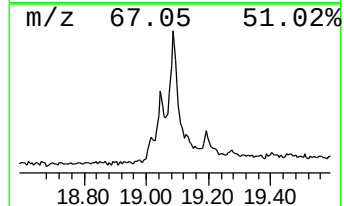
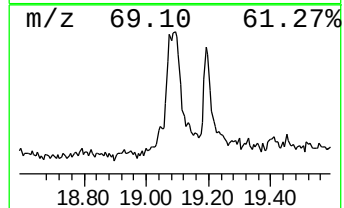
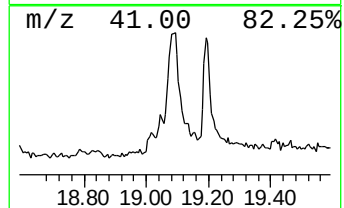
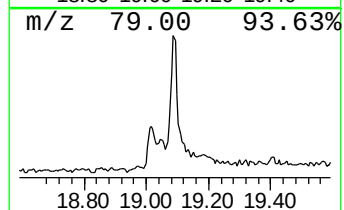
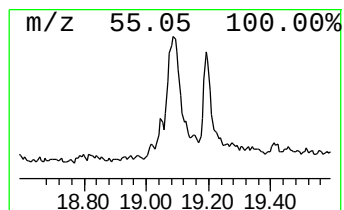
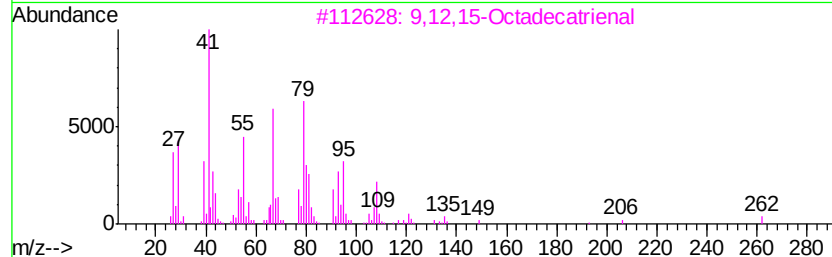
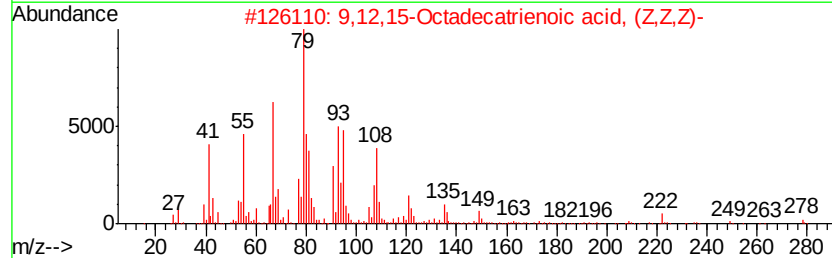
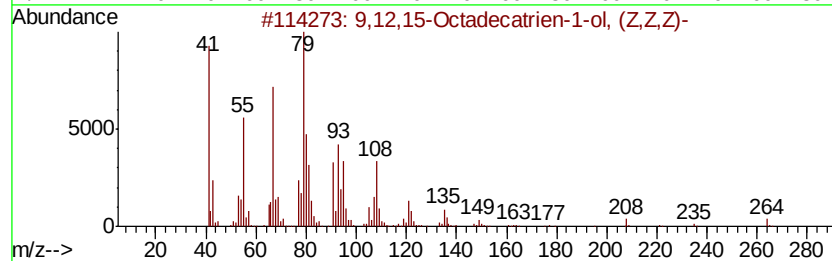
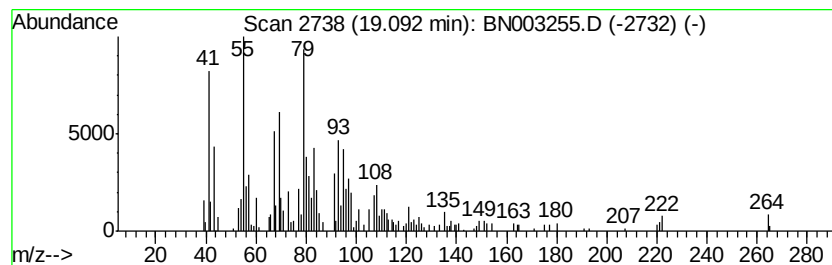
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 9,12,15-Octadecatrien-1-ol,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.09	7.76 ng/ul	554761	Phenanthrene-d10	17.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrien-1-ol, (Z,Z...	264	C18H32O	000506-44-5	78
2	9,12,15-Octadecatrienoic acid, (...)	278	C18H30O2	000463-40-1	76
3	9,12,15-Octadecatrienal	262	C18H30O	026537-71-3	72
4	Cyclohexane, cyclopropylidene-	122	C9H14	014114-06-8	60
5	cis,cis,cis-7,10,13-Hexadecatrienal	234	C16H26O	056797-43-4	58



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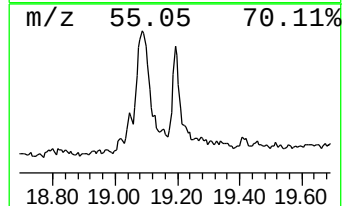
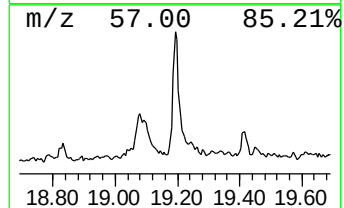
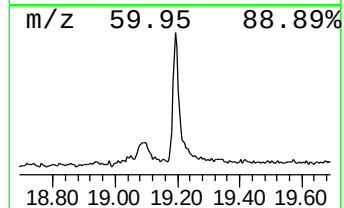
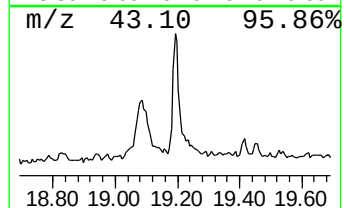
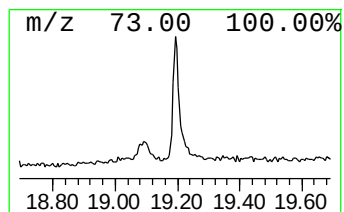
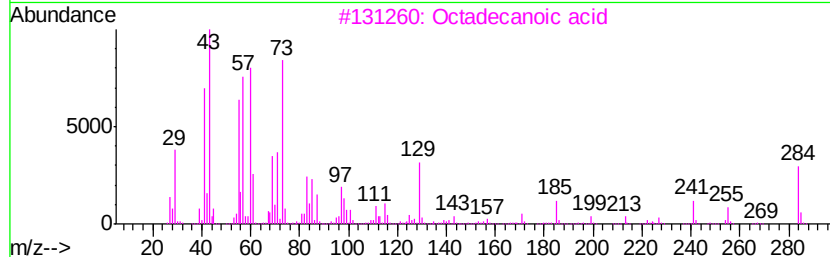
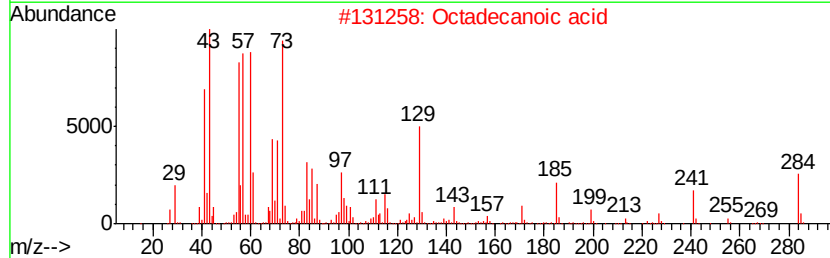
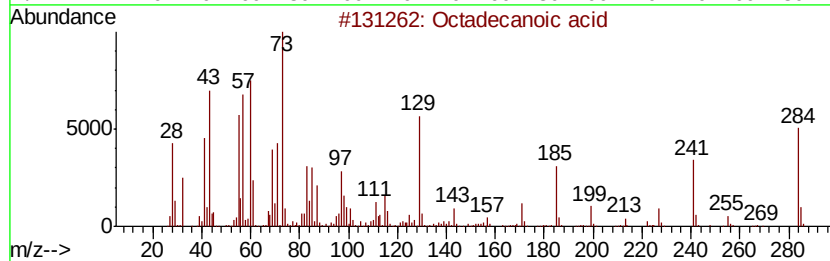
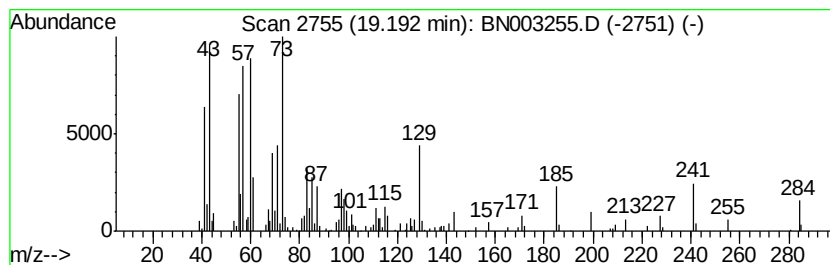
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.19	3.50 ng/ul	332429	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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95



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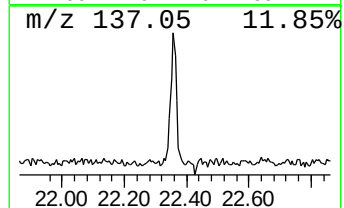
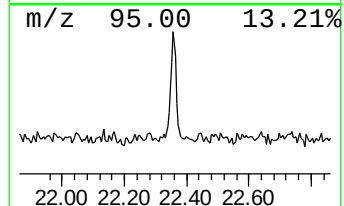
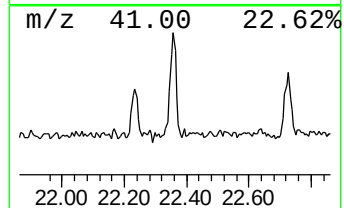
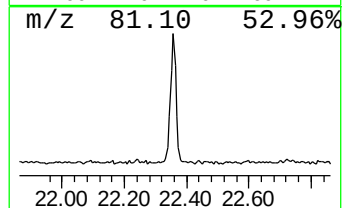
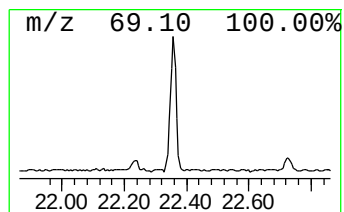
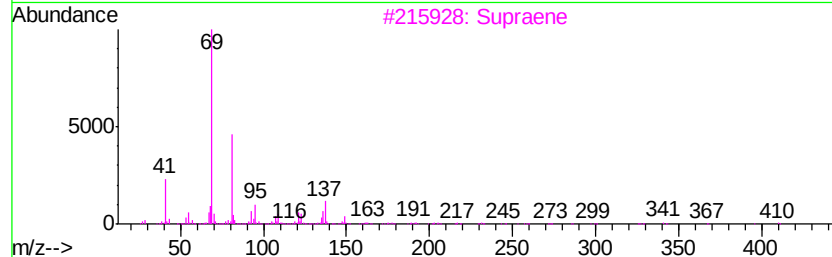
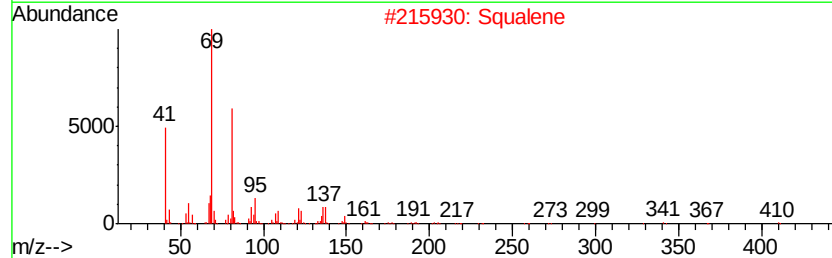
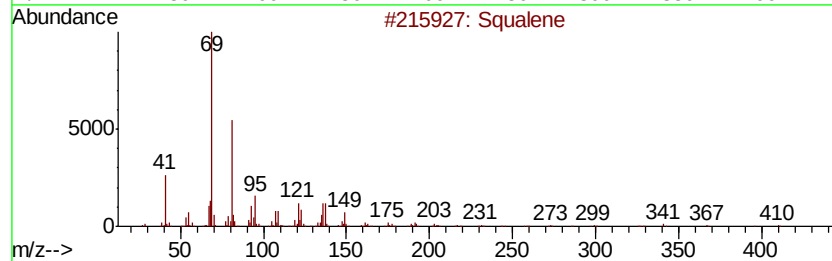
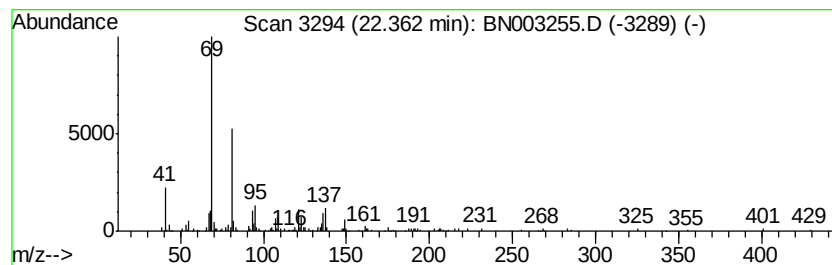
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.08 ng/ul	207948	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Squalene	410	C30H50	000111-02-4	91
3		Supraene	410	C30H50	007683-64-9	91
4		Squalene	410	C30H50	000111-02-4	91
5		Squalene	410	C30H50	000111-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
Data File : BN003255.D
Acq On : 23 Oct 2018 00:28
Operator : MJ/SJ
Sample : J5568-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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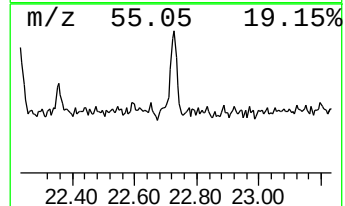
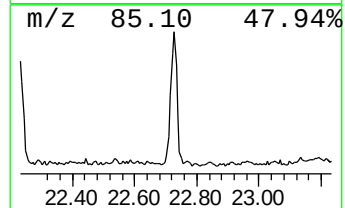
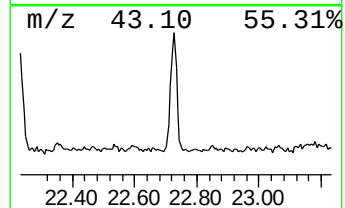
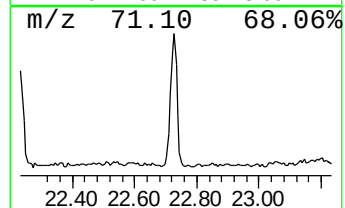
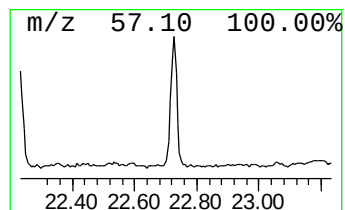
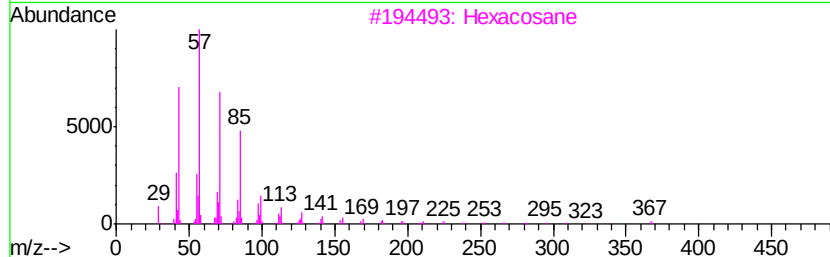
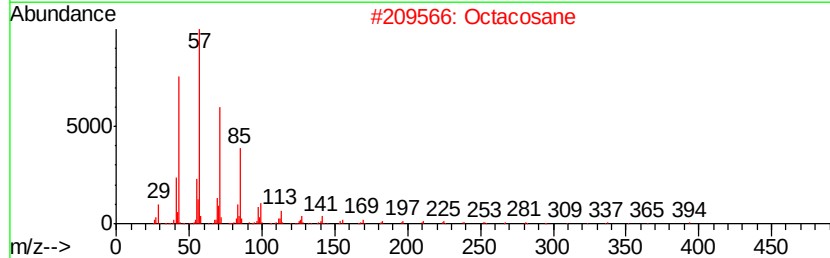
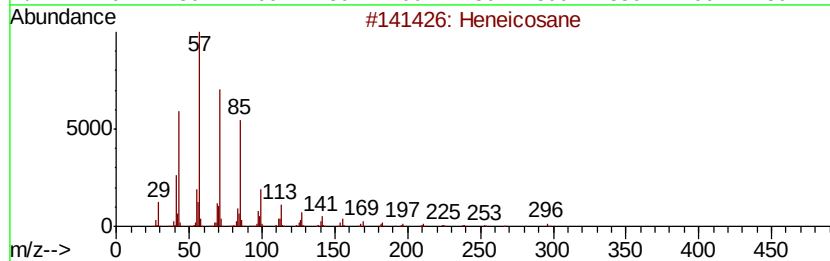
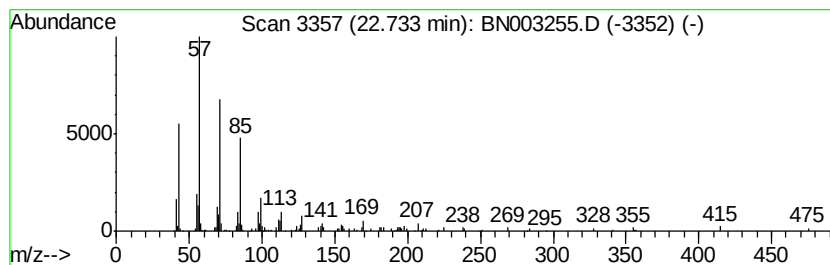
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	2.04 ng/ul	203212	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
Data File : BN003255.D
Acq On : 23 Oct 2018 00:28
Operator : MJ/SJ
Sample : J5568-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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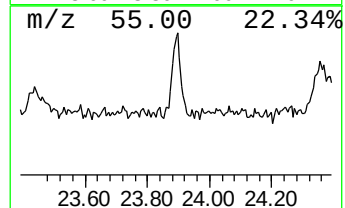
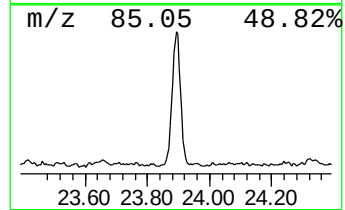
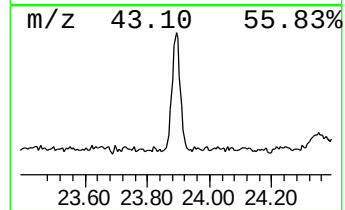
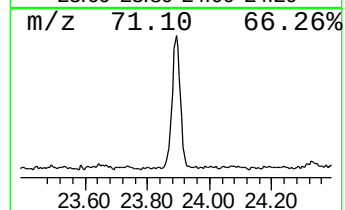
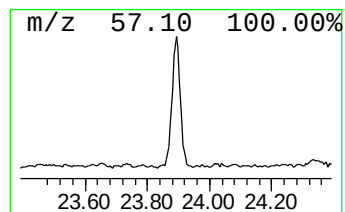
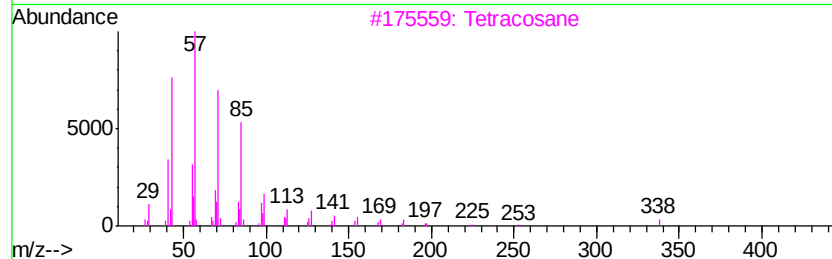
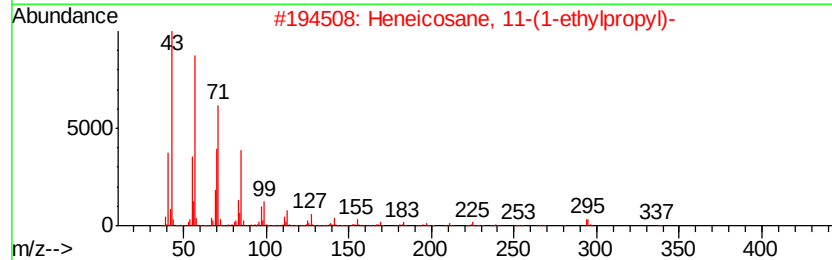
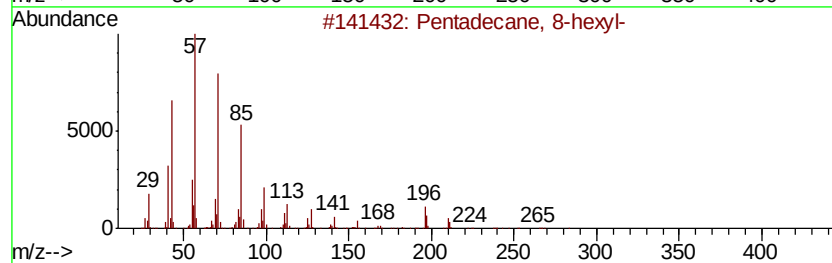
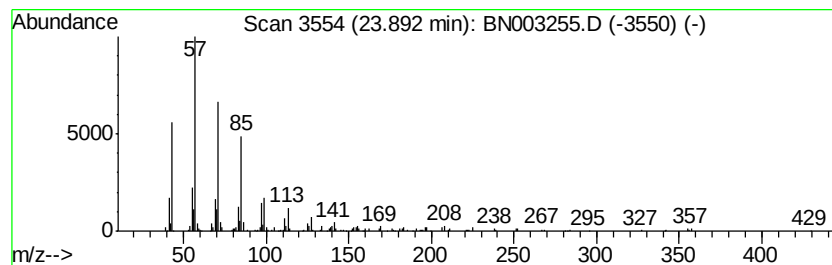
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Quant Title : SVOA CALIBRATION

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.
23.89	2.95 ng/ul	294511	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
Data File : BN003255.D
Acq On : 23 Oct 2018 00:28
Operator : MJ/SJ
Sample : J5568-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

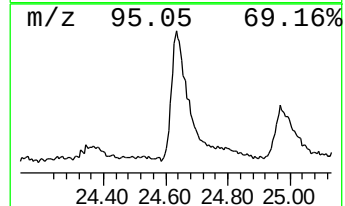
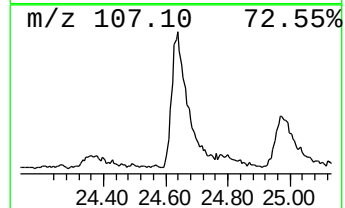
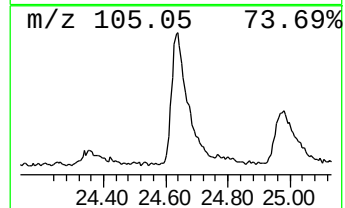
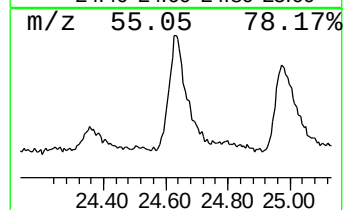
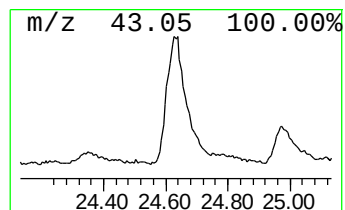
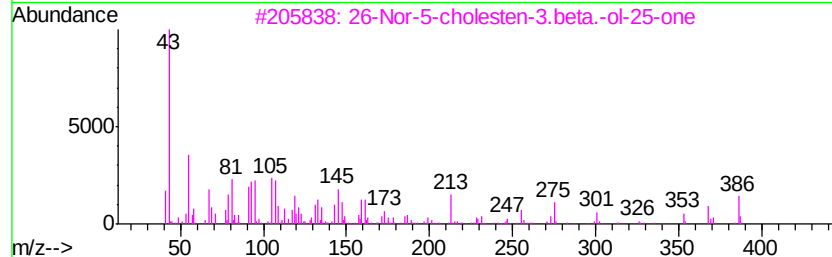
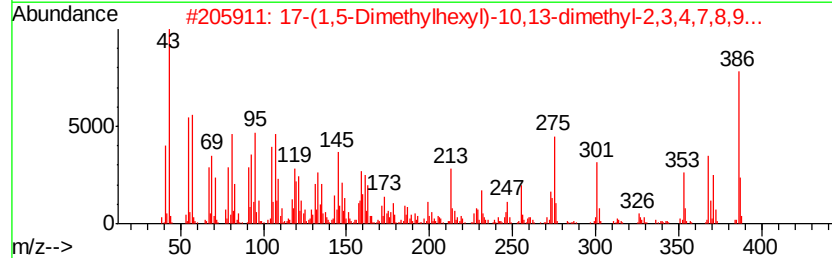
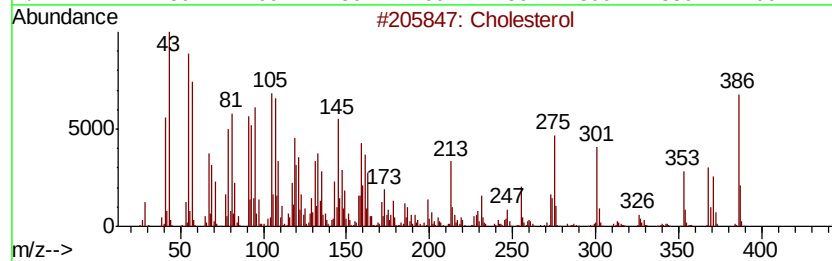
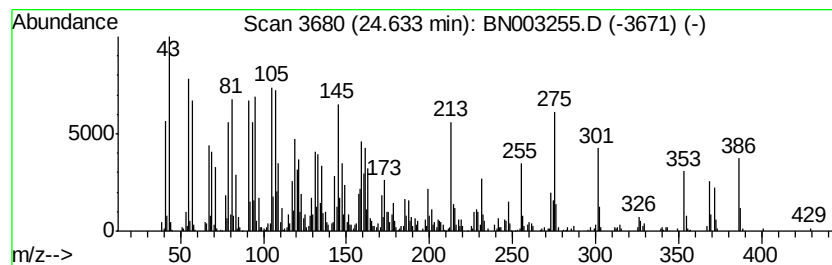
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cholesterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	31.53 ng/ul	3146180	Perylene-d12	23.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	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	Cholesterol		386 C27H46O	000057-88-5 95
5	26-Nor-5-cholesten-3.beta.-ol-25...		386 C26H42O2	007494-34-0 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
Data File : BN003255.D
Acq On : 23 Oct 2018 00:28
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Sample : J5568-10
Misc :
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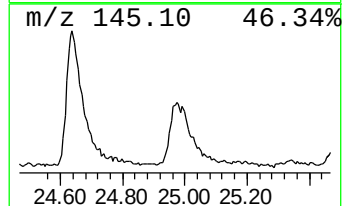
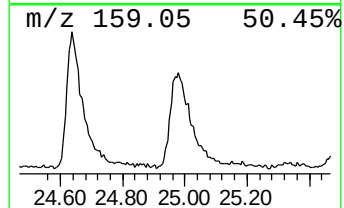
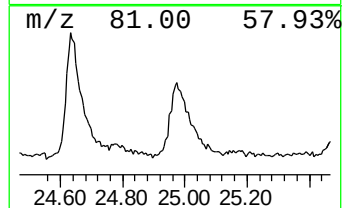
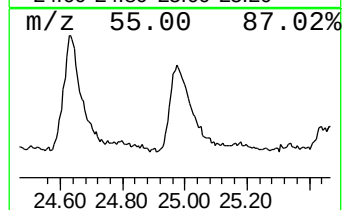
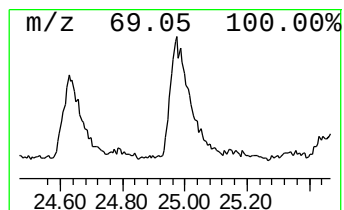
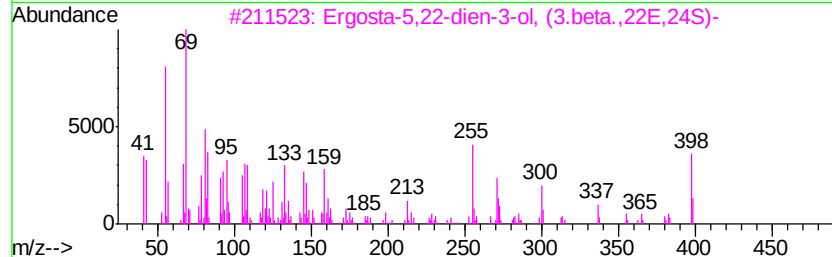
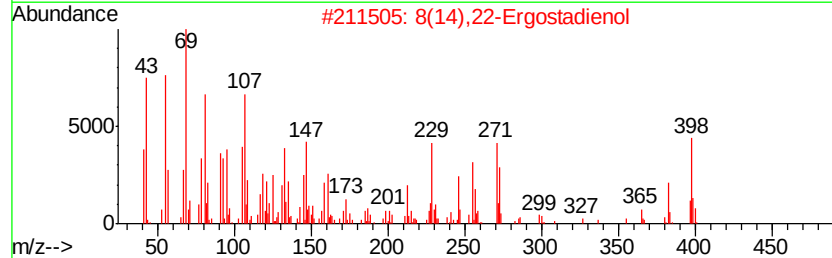
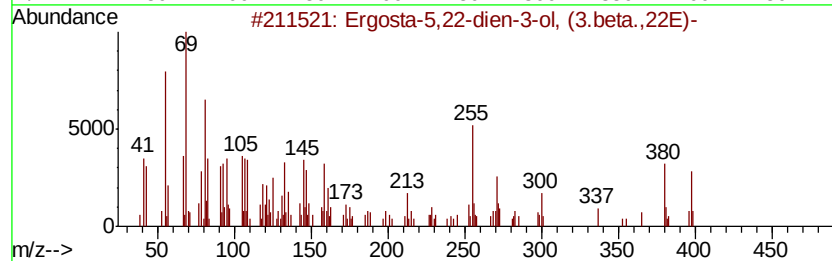
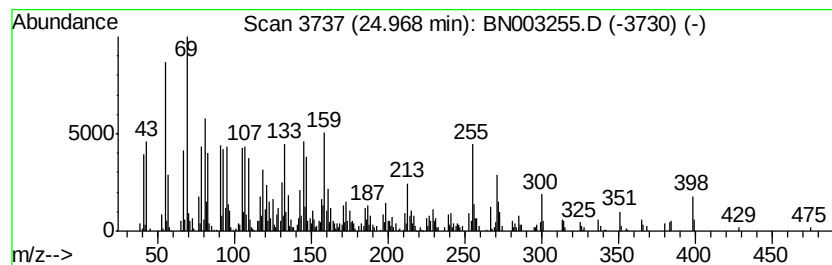
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	17.37 ng/ul	1733050	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ergosta-5,22-dien-3-ol, (3.beta....	398	C28H46O	000474-67-9	86
2		8(14),22-Ergostadienol	398	C28H46O	051502-42-2	78
3		Ergosta-5,22-dien-3-ol, (3.beta....	398	C28H46O	017472-78-5	48
4		Ergosta-7,22-dien-3-ol, (3.beta....	398	C28H46O	002465-11-4	45
5		Ergosta-5,22-dien-3-ol, (3.beta....	398	C28H46O	017472-78-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102218\
Data File : BN003255.D
Acq On : 23 Oct 2018 00:28
Operator : MJ/SJ
Sample : J5568-10
Misc :
ALS Vial : 14 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
unknown-01	17.79	2.2	ng/ul	156718	4	17.00	1430670	20.0
n-Hexadecanoic acid	17.91	24.9	ng/ul	1782860	4	17.00	1430670	20.0
9,12,15-Octadecat...	19.09	7.8	ng/ul	554761	4	17.00	1430670	20.0
Octadecanoic acid	19.19	3.5	ng/ul	332429	5	21.21	1900000	20.0
Squalene	22.36	2.1	ng/ul	207948	6	23.42	1995360	20.0
(DEL) Alkane: Str...	22.73	2.0	ng/ul	203212	6	23.42	1995360	20.0
(DEL) Alkane: Str...	23.89	3.0	ng/ul	294511	6	23.42	1995360	20.0
Cholesterol	24.63	31.5	ng/ul	3146180	6	23.42	1995360	20.0
Ergosta-5,22-dien...	24.97	17.4	ng/ul	1733050	6	23.42	1995360	20.0