

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
 Data File : BN003245.D
 Acq On : 22 Oct 2018 18:38
 Operator : MJ/SJ
 Sample : J5568-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK0

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	6.816	645	651	668	rBV2	109977	323542	18.04%	1.601%
2	6.952	668	674	687	rVB	103791	171151	9.54%	0.847%
3	7.152	702	708	720	rBV	126568	221446	12.35%	1.096%
4	7.605	779	785	798	rBV	230090	385429	21.49%	1.907%
5	8.334	904	909	925	rBV	137370	293294	16.35%	1.451%
6	8.763	976	982	994	rBV	116830	217445	12.13%	1.076%
7	9.481	1098	1104	1116	rBV	97635	182344	10.17%	0.902%
8	10.040	1193	1199	1217	rBV	109702	296515	16.53%	1.467%
9	10.375	1249	1256	1268	rBV	384604	664418	37.05%	3.288%
10	10.540	1278	1284	1301	rBV	105389	252399	14.07%	1.249%
11	13.663	1809	1815	1820	rBV	349448	524761	29.26%	2.597%
12	13.710	1820	1823	1832	rVB	83643	129295	7.21%	0.640%
13	13.940	1855	1862	1874	rBV	439473	658506	36.72%	3.258%
14	14.245	1908	1914	1926	rVB2	670425	1037365	57.84%	5.133%
15	14.545	1960	1965	1981	rBV3	44048	162272	9.05%	0.803%
16	14.857	2011	2018	2027	rBV	13769	21725	1.21%	0.107%
17	15.245	2079	2084	2095	rBV	559923	872962	48.68%	4.319%
18	15.416	2107	2113	2125	rBV	106398	200705	11.19%	0.993%
19	16.422	2278	2284	2292	rBV	89169	138951	7.75%	0.688%
20	16.998	2376	2382	2392	rBV2	918312	1332538	74.30%	6.593%
21	17.104	2393	2400	2409	rVV2	616348	960045	53.53%	4.750%
22	17.439	2446	2457	2458	rBV5	14696	28686	1.60%	0.142%
23	17.786	2510	2516	2531	rBV	83681	189721	10.58%	0.939%
24	17.910	2531	2537	2557	rBV	948177	1462360	81.54%	7.236%
25	18.580	2645	2651	2661	rBV8	18293	37363	2.08%	0.185%
26	18.810	2683	2690	2704	rBV5	55425	211879	11.81%	1.048%
27	19.016	2721	2725	2728	rBV2	43623	68726	3.83%	0.340%
28	19.045	2728	2730	2732	rVV2	55804	68858	3.84%	0.341%
29	19.092	2732	2738	2748	rVV5	130046	345055	19.24%	1.707%
30	19.192	2751	2755	2765	rVB2	103009	165161	9.21%	0.817%
31	19.404	2786	2791	2803	rVB	801061	1230582	68.62%	6.089%
32	20.051	2897	2901	2905	rBV4	30383	48570	2.71%	0.240%
33	20.204	2924	2927	2936	rVB5	26999	44866	2.50%	0.222%
34	20.451	2966	2969	2974	rBV2	19665	22905	1.28%	0.113%

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35	20.922	3046	3049	3052	rVB	27115	28486	1.59%	0.141%
36	21.122	3080	3083	3088	rBV	21649	28042	1.56%	0.139%
37	21.210	3093	3098	3107	rVB	1331979	1767356	98.55%	8.745%
38	21.357	3120	3123	3127	rVB	51151	53004	2.96%	0.262%
39	21.780	3192	3195	3200	rVB	75086	90330	5.04%	0.447%
40	22.233	3268	3272	3277	rBV	136066	176308	9.83%	0.872%
41	22.357	3289	3293	3298	rVB	182319	235410	13.13%	1.165%
42	22.727	3351	3356	3361	rVB	189055	278990	15.56%	1.380%
43	23.274	3442	3449	3457	rVB	923121	1656827	92.39%	8.198%
44	23.416	3466	3473	3486	rVB	873329	1793353	100.00%	8.873%
45	23.892	3549	3554	3562	rVB2	222754	425774	23.74%	2.107%
46	24.610	3670	3676	3680	rBV	194588	443062	24.71%	2.192%
47	25.439	3811	3817	3825	rBV2	117789	261450	14.58%	1.294%

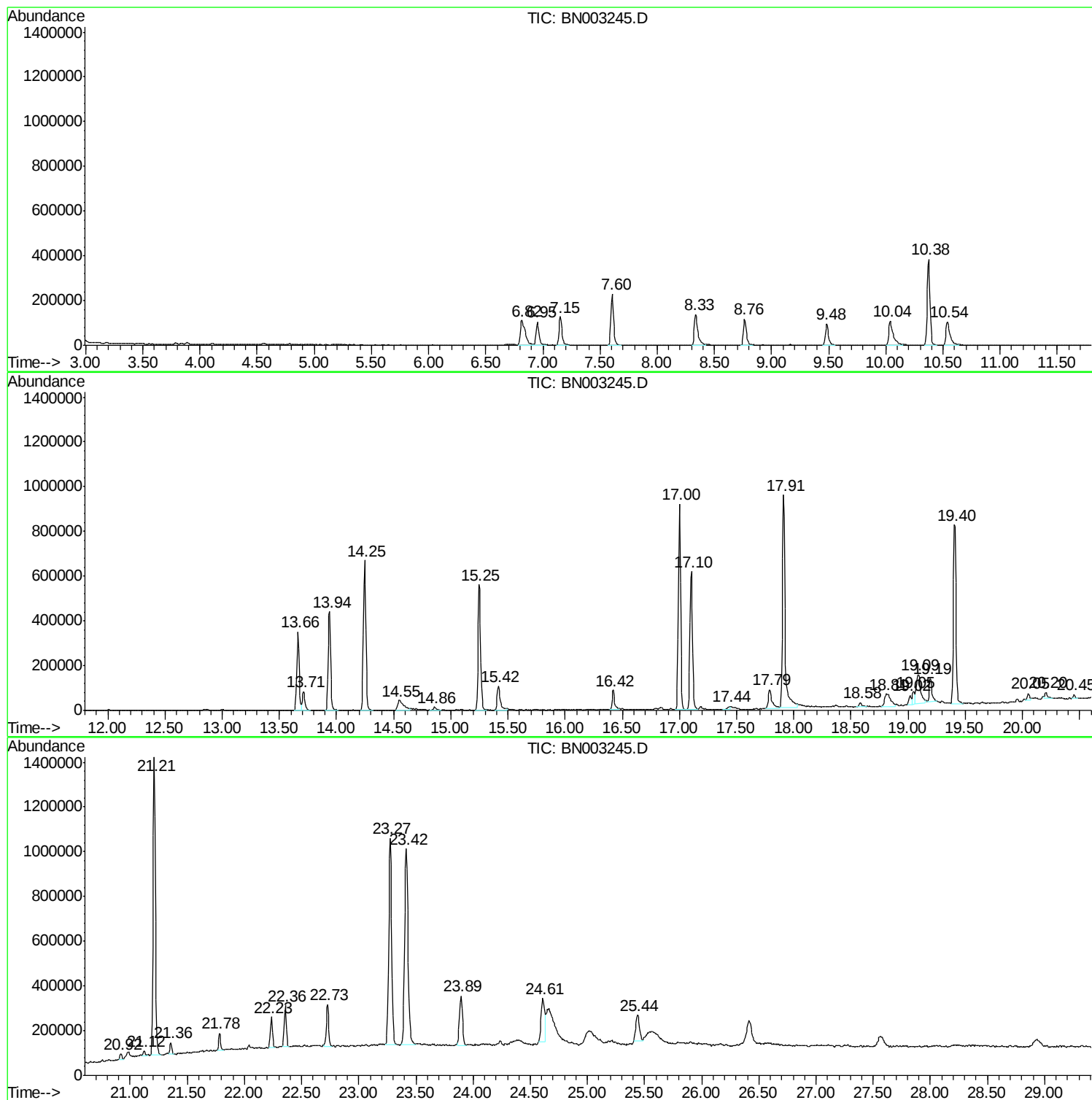
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION

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



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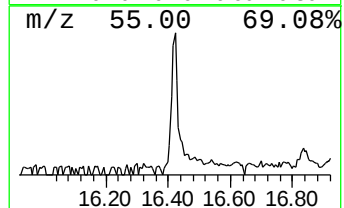
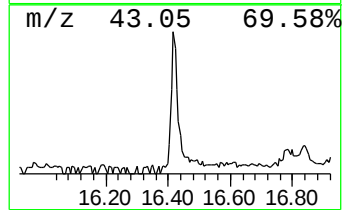
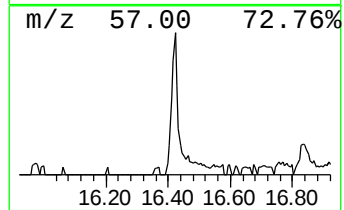
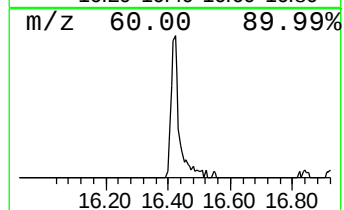
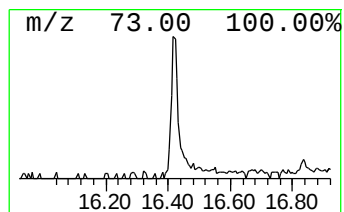
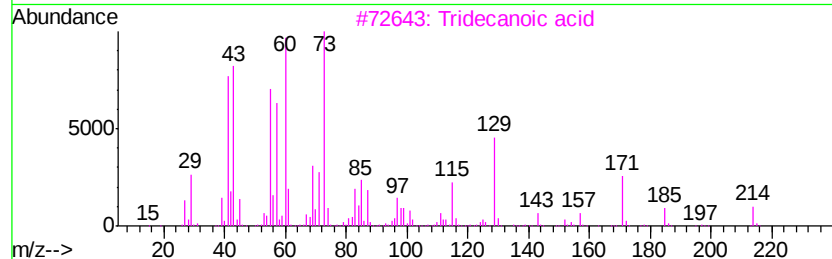
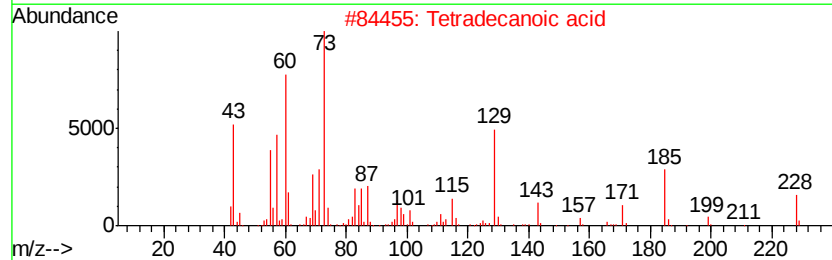
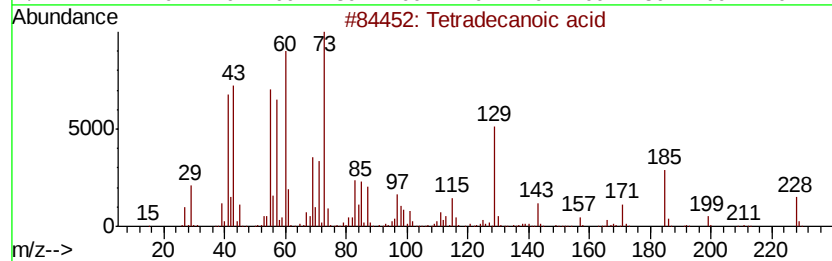
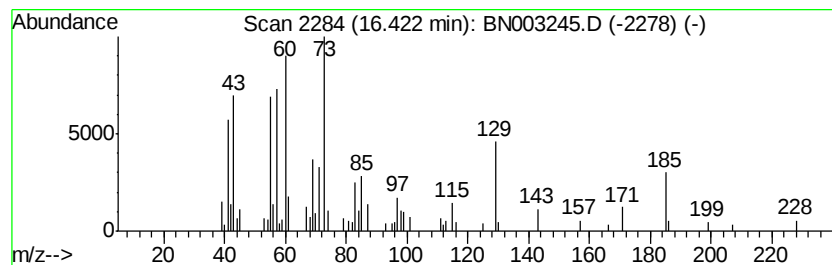
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetradecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.09 ng/ul	138951	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			Dodecanoic acid	200	C12H24O2	000143-07-7	72
5			Dodecanoic acid	200	C12H24O2	000143-07-7	72



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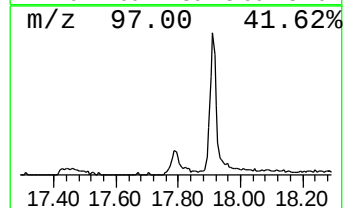
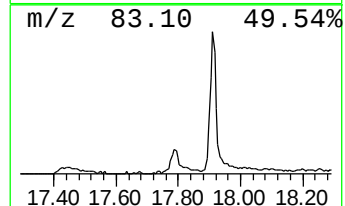
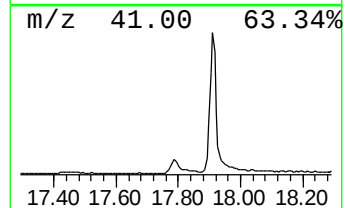
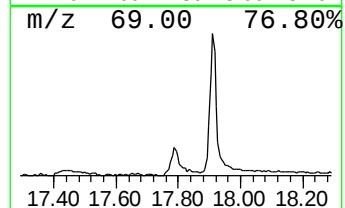
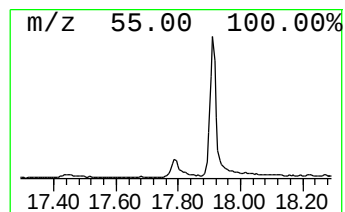
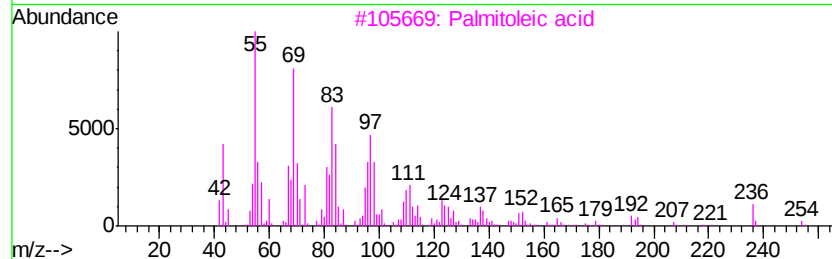
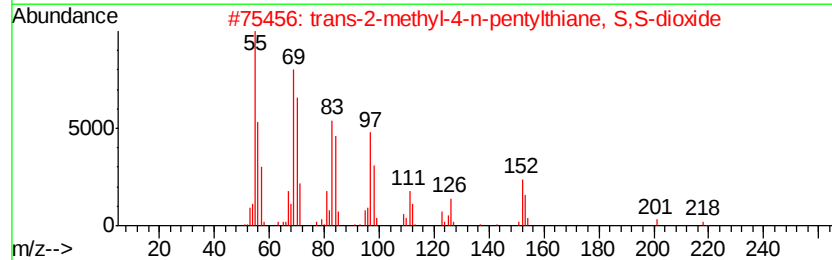
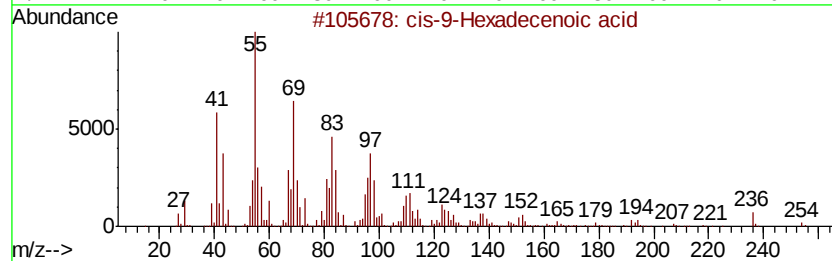
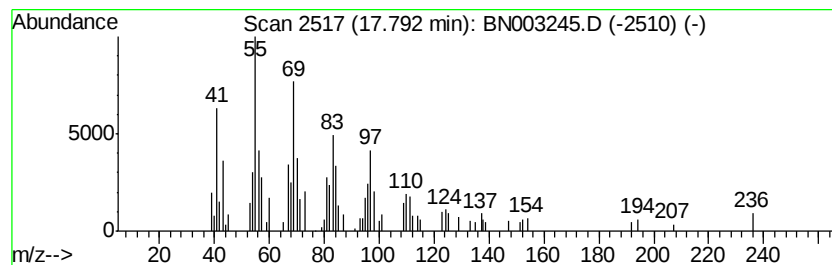
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 2 cis-9-Hexadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.85 ng/ul	189721	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
2		trans-2-methyl-4-n-pentylthiane,...	218	C11H22OS	1000215-75-3	74
3		Palmitoleic acid	254	C16H30O2	000373-49-9	70
4		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	70
5		Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	68



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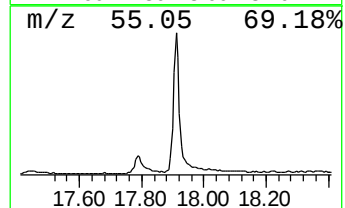
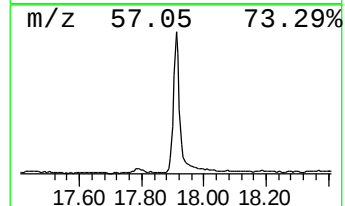
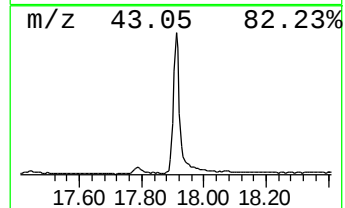
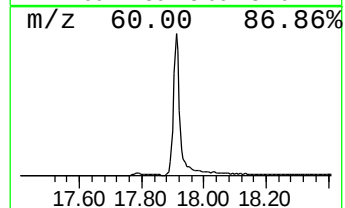
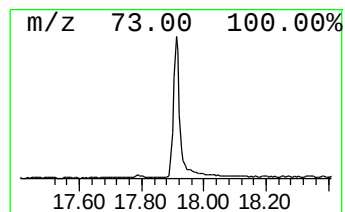
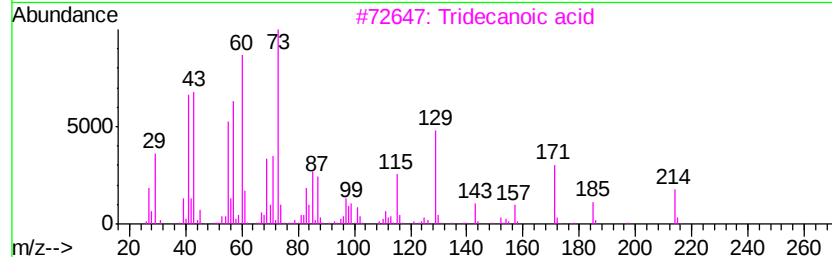
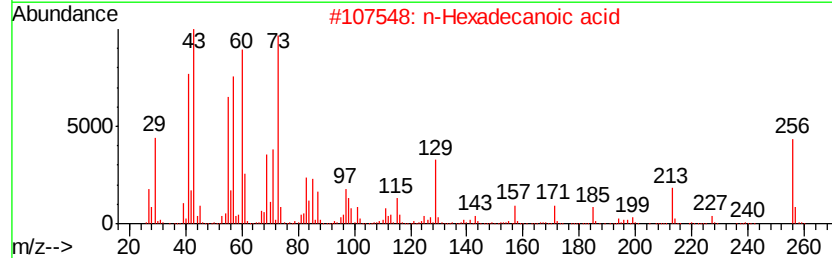
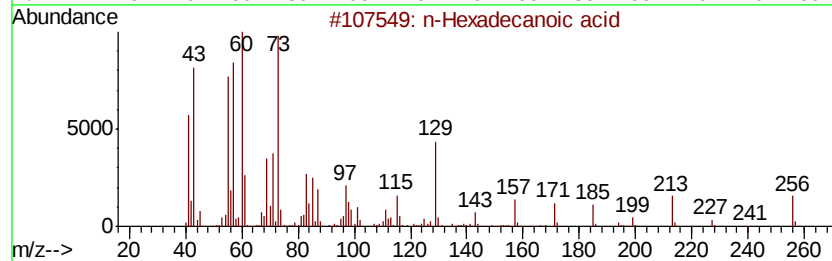
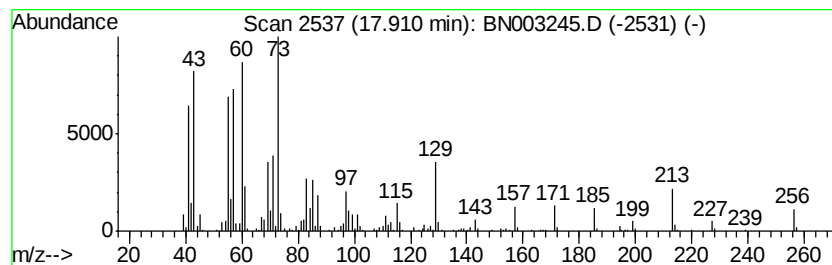
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	21.95 ng/ul	1462360	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	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81



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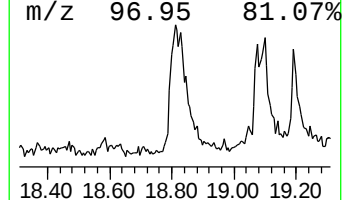
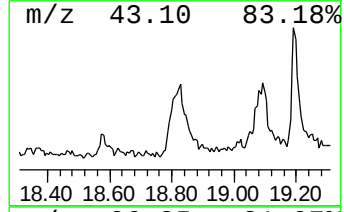
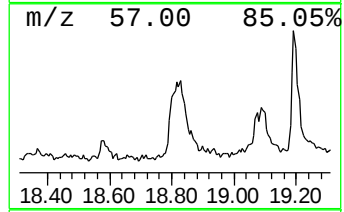
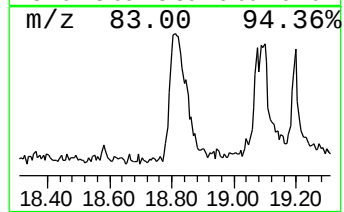
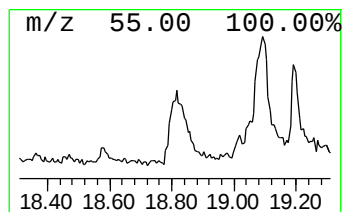
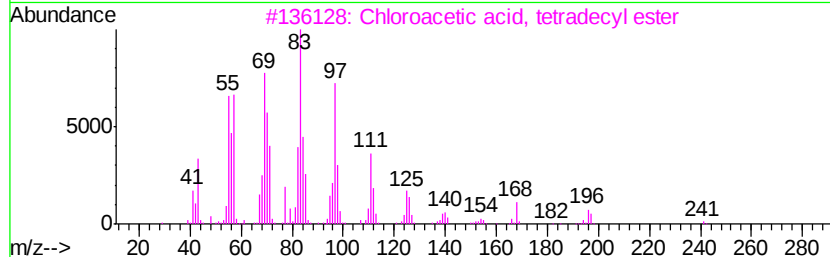
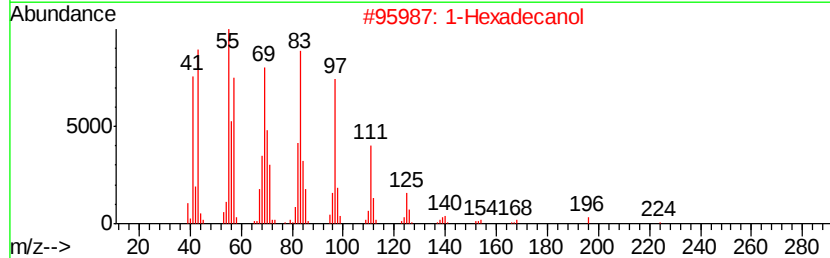
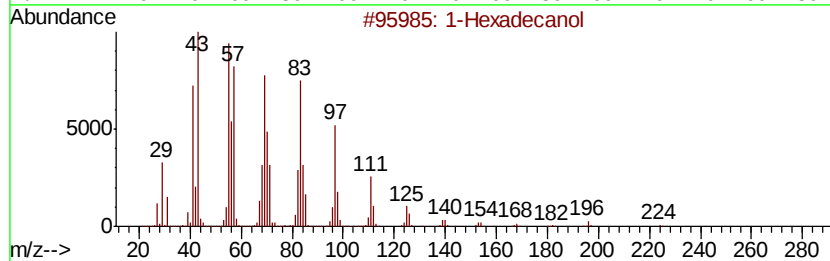
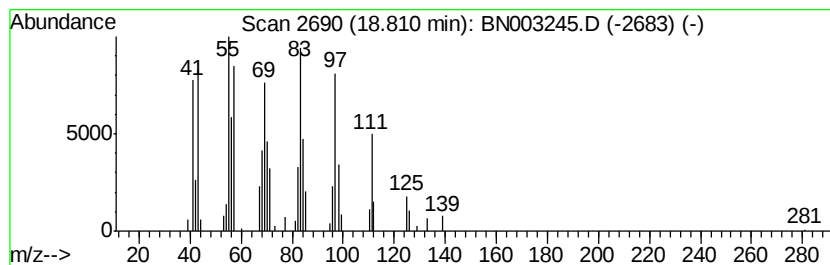
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Peak Number 4 1-Hexadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	3.18 ng/ul	211879	Phenanthrene-d10	17.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol		242	C16H34O	036653-82-4	91
2	1-Hexadecanol		242	C16H34O	036653-82-4	87
3	Chloroacetic acid, tetradecyl ester		290	C16H31ClO2	018277-86-6	83
4	n-Pentadecanol		228	C15H32O	000629-76-5	83
5	1-Pentadecene		210	C15H30	013360-61-7	80



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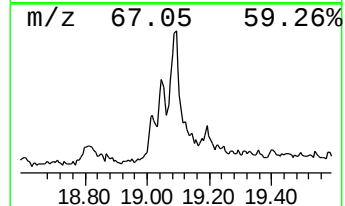
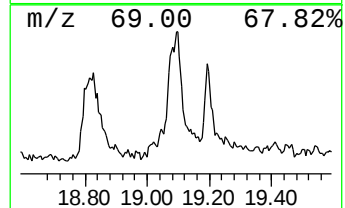
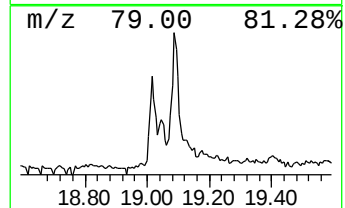
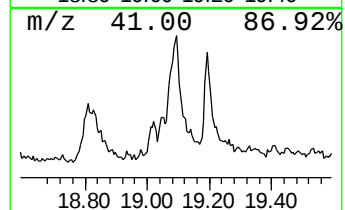
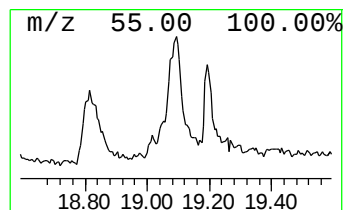
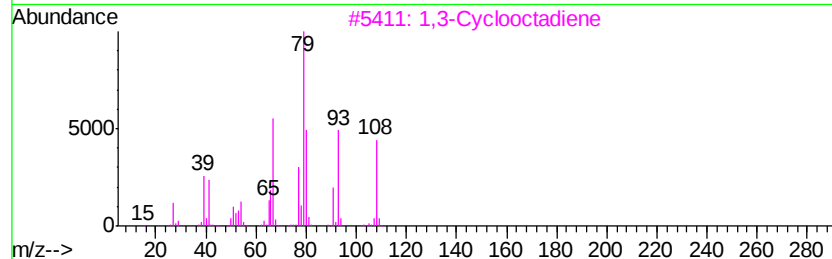
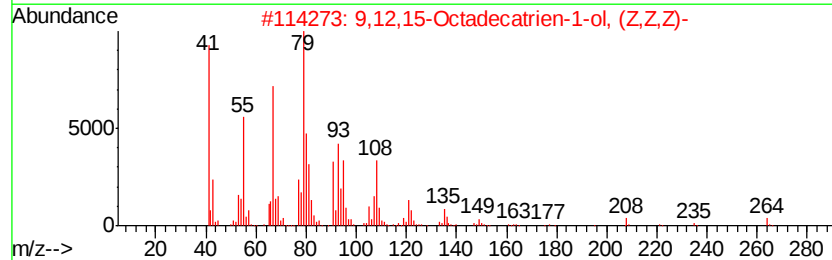
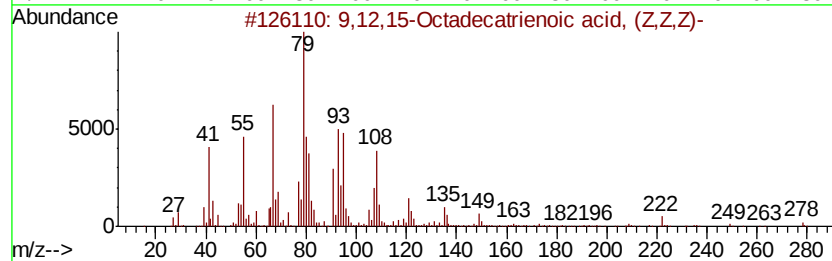
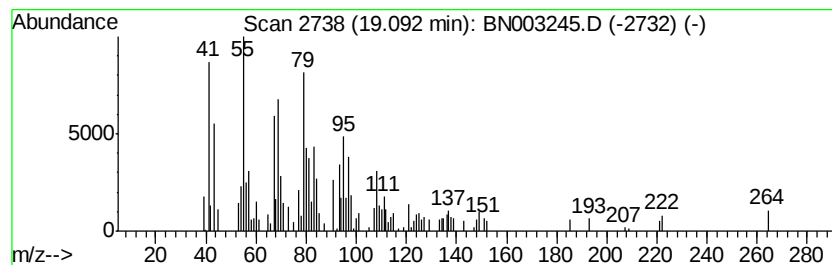
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,12,15-Octadecatrienoic ac... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	5.18 ng/ul	345055	Phenanthrene-d10	17.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, (...	278	C18H30O2		000463-40-1	58
2	9,12,15-Octadecatrien-1-ol, (Z,Z...	264	C18H32O		000506-44-5	52
3	1,3-Cyclooctadiene	108	C8H12		001700-10-3	43
4	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16		000497-32-5	42
5	cis-Vaccenic acid	282	C18H34O2		000506-17-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
Data File : BN003245.D
Acq On : 22 Oct 2018 18:38
Operator : MJ/SJ
Sample : J5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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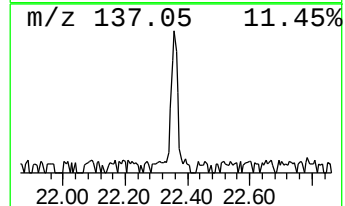
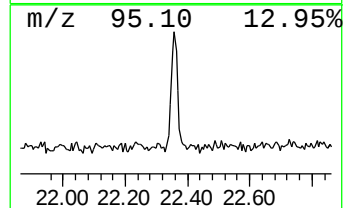
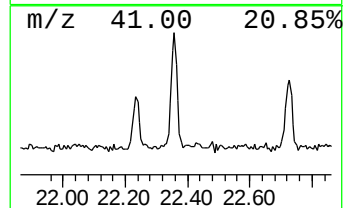
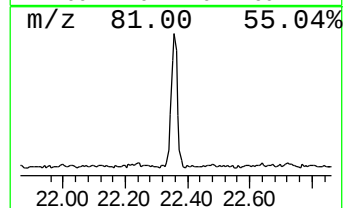
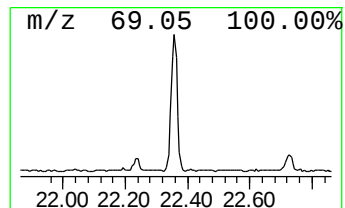
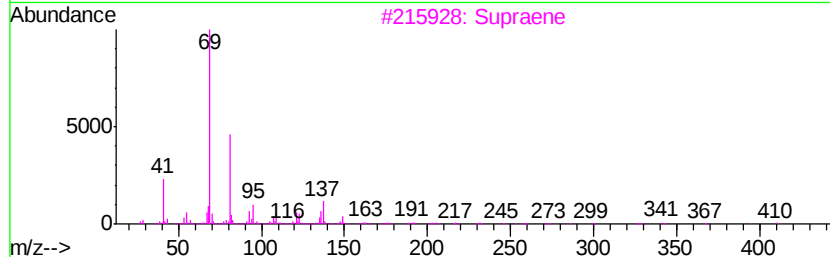
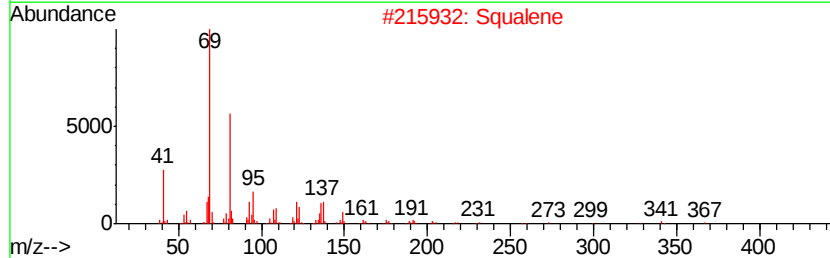
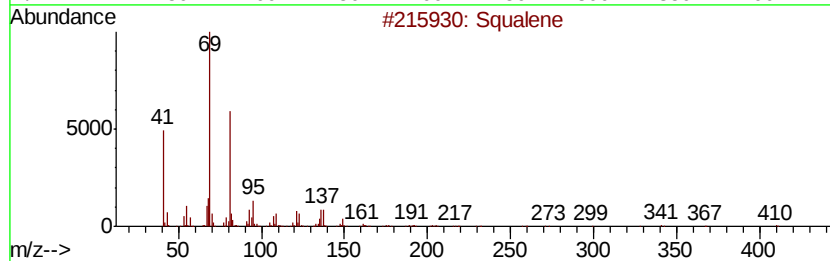
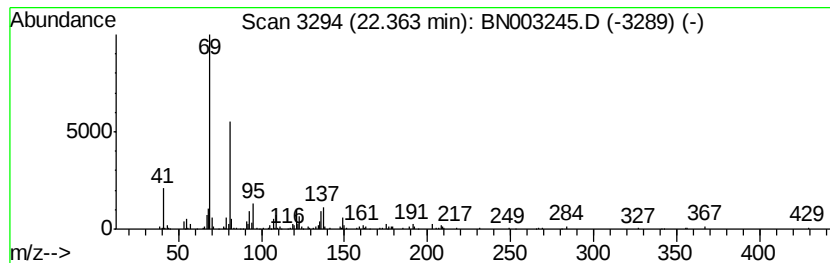
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.63 ng/ul	235410	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		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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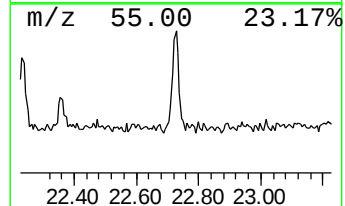
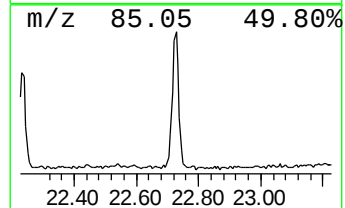
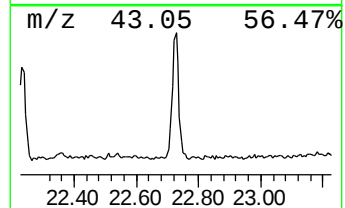
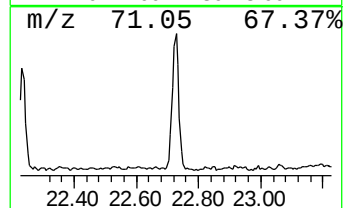
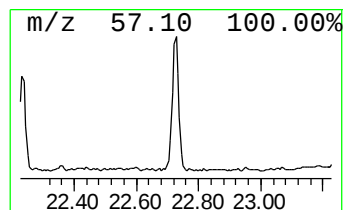
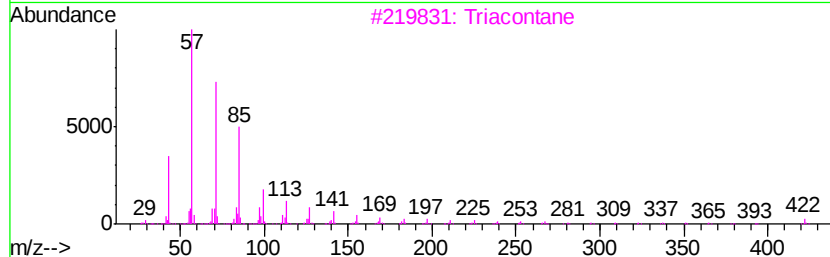
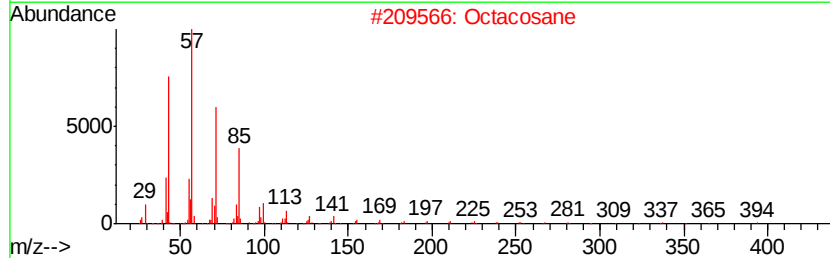
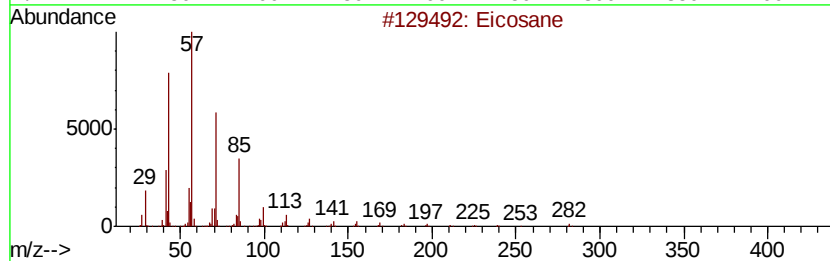
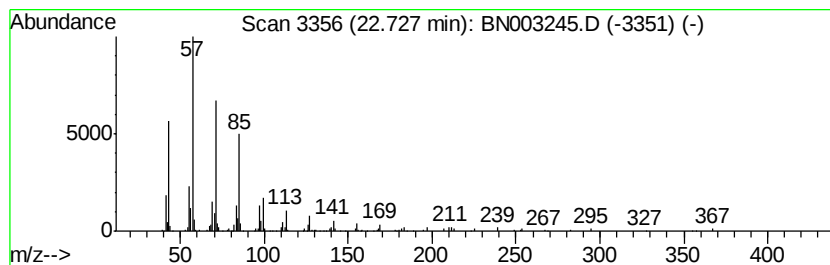
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	3.11 ng/ul	278990	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Octacosane	394	C28H58	000630-02-4	91
3			Triacontane	422	C30H62	000638-68-6	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
Data File : BN003245.D
Acq On : 22 Oct 2018 18:38
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Sample : J5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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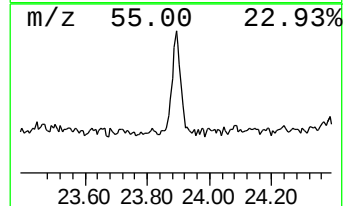
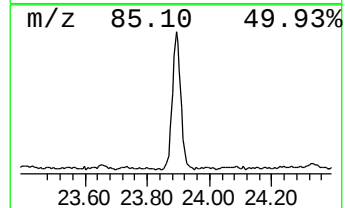
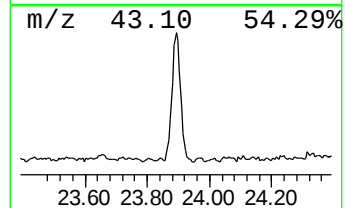
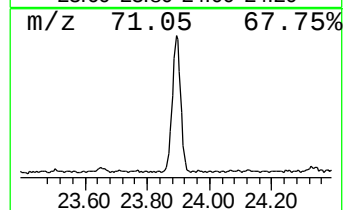
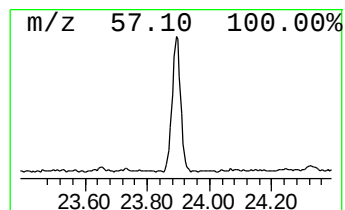
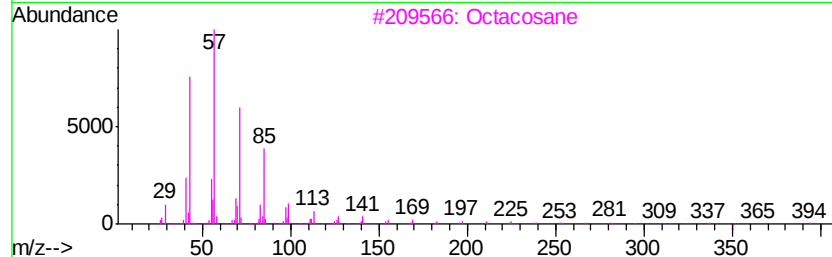
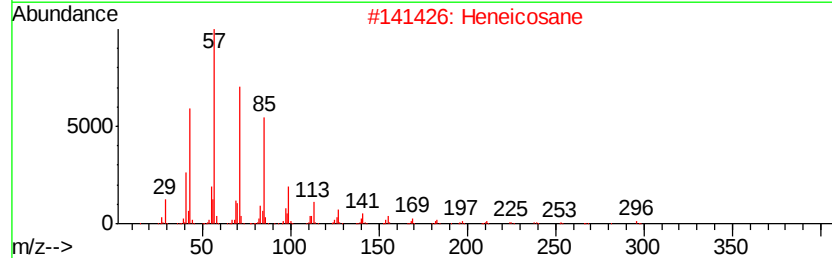
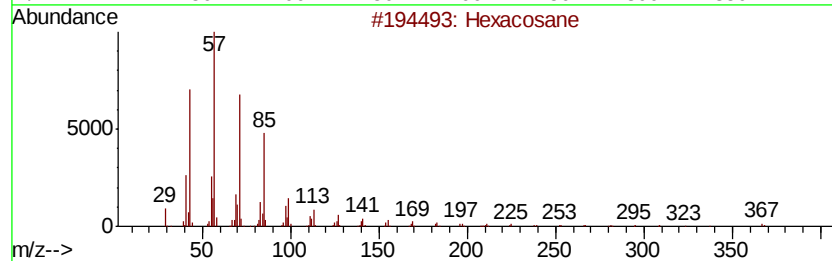
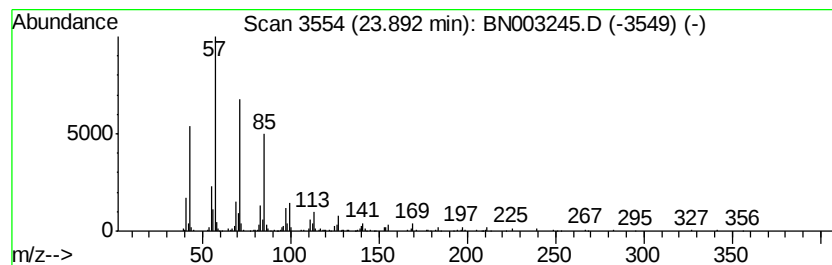
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	4.75 ng/ul	425774	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		triacontane	422	C30H62	000638-68-6	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
Data File : BN003245.D
Acq On : 22 Oct 2018 18:38
Operator : MJ/SJ
Sample : J5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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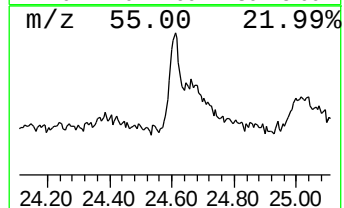
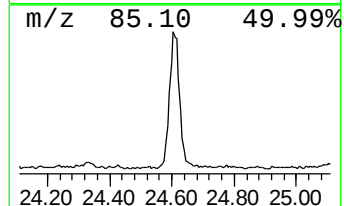
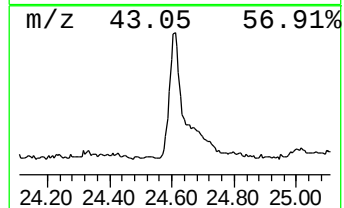
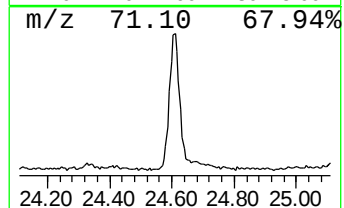
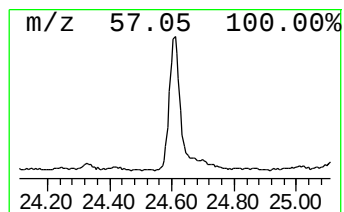
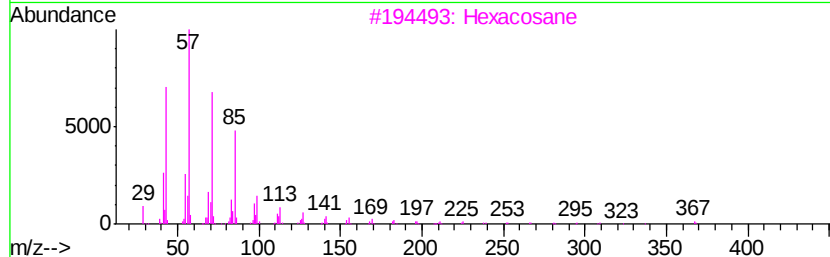
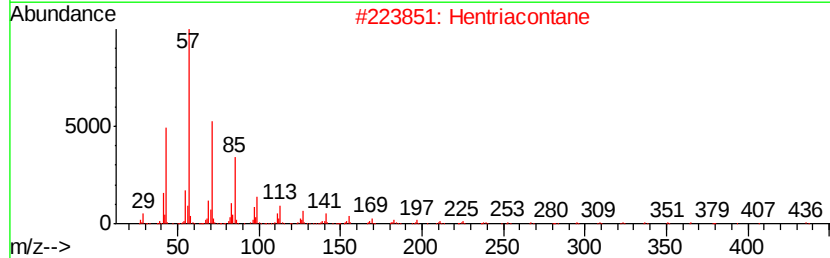
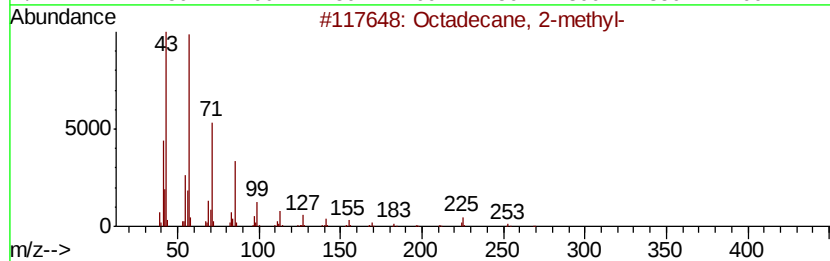
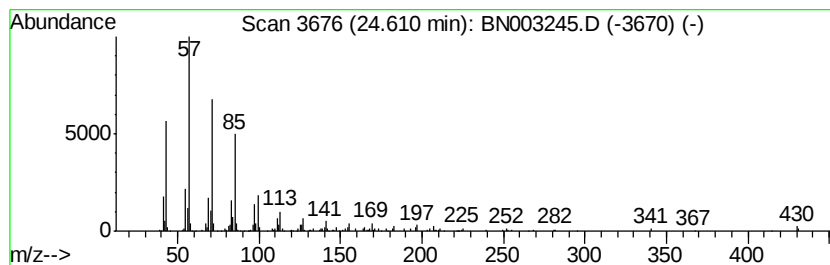
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	4.94 ng/ul	443062	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
Data File : BN003245.D
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Sample : J5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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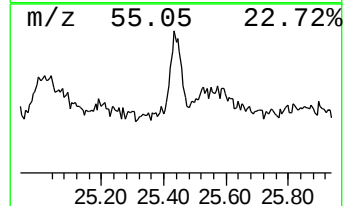
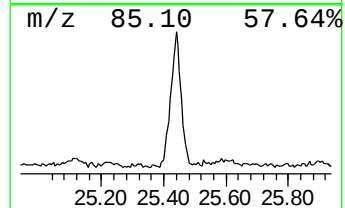
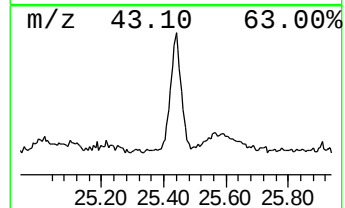
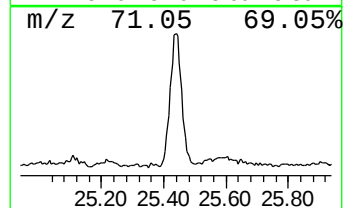
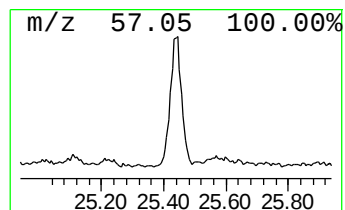
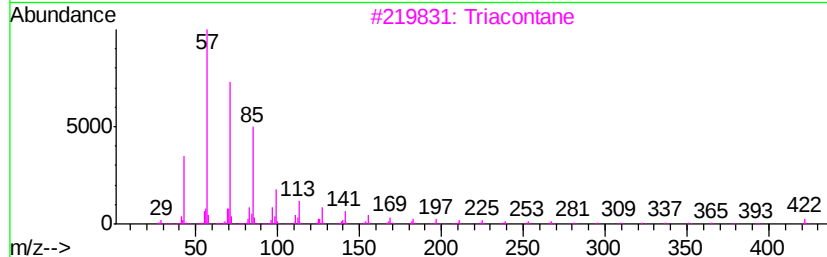
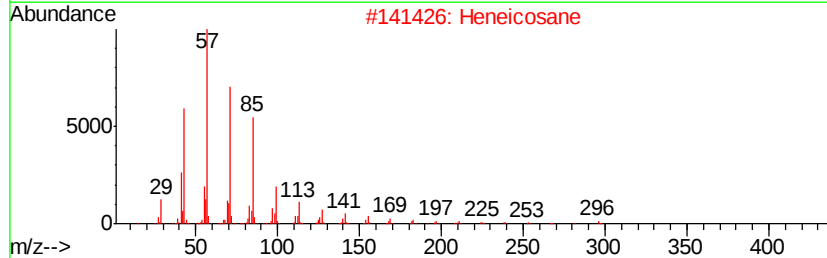
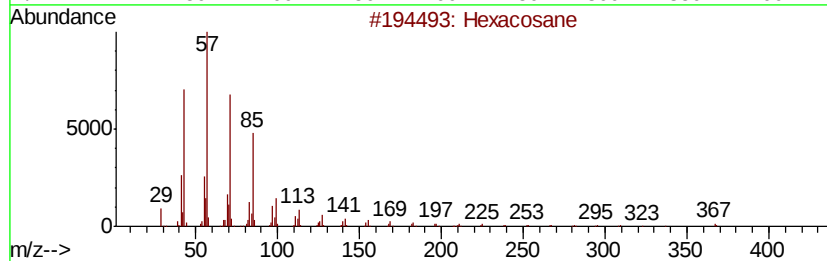
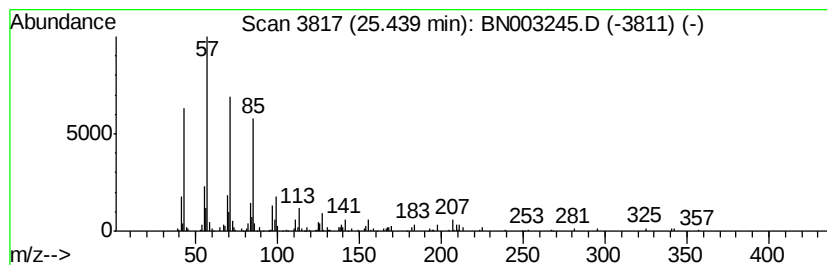
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.44	2.92 ng/ul	261450	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Triacontane	422	C30H62	000638-68-6	91
4			Eicosane	282	C20H42	000112-95-8	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102218\
Data File : BN003245.D
Acq On : 22 Oct 2018 18:38
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Sample : J5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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
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cis-9-Hexadecenoic acid	17.79	2.9	ng/ul	189721	4	17.00	1332540	20.0
n-Hexadecanoic acid	17.91	21.9	ng/ul	1462360	4	17.00	1332540	20.0
1-Hexadecanol	18.81	3.2	ng/ul	211879	4	17.00	1332540	20.0
9,12,15-Octadecat...	19.09	5.2	ng/ul	345055	4	17.00	1332540	20.0
Squalene	22.36	2.6	ng/ul	235410	6	23.42	1793350	20.0
(DEL) Alkane: Str...	22.73	3.1	ng/ul	278990	6	23.42	1793350	20.0
(DEL) Alkane: Str...	23.89	4.8	ng/ul	425774	6	23.42	1793350	20.0
(DEL) Alkane: Str...	24.61	4.9	ng/ul	443062	6	23.42	1793350	20.0
(DEL) Alkane: Str...	25.44	2.9	ng/ul	261450	6	23.42	1793350	20.0