

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
 Data File : BN002511.D
 Acq On : 24 Aug 2018 21:10
 Operator : JU/SJ
 Sample : J4628-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3F5

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-BN081318MA.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	6.852	652	657	669	rVB	349350	656231	18.43%	1.538%
2	7.010	679	684	692	rBV	266315	416801	11.71%	0.977%
3	7.205	712	717	728	rVB	344820	581855	16.34%	1.364%
4	7.669	790	796	807	rVB	440226	724947	20.36%	1.699%
5	7.969	843	847	855	rVB4	38872	67586	1.90%	0.158%
6	8.375	910	916	925	rBV	421746	734734	20.64%	1.722%
7	8.816	985	991	1002	rVB	358118	603981	16.96%	1.416%
8	9.534	1107	1113	1124	rVB	281488	488041	13.71%	1.144%
9	10.069	1198	1204	1219	rBV	423449	776533	21.81%	1.820%
10	10.440	1260	1267	1276	rVB	688673	1143211	32.11%	2.679%
11	10.581	1285	1291	1309	rBV	256978	511217	14.36%	1.198%
12	13.716	1818	1824	1828	rBV	857488	1227485	34.47%	2.877%
13	13.757	1828	1831	1841	rVB	397441	565947	15.89%	1.326%
14	13.992	1863	1871	1878	rBV	997617	1496761	42.04%	3.508%
15	14.298	1917	1923	1931	rBV2	1035796	1612125	45.28%	3.779%
16	14.369	1931	1935	1942	rVB3	30082	45380	1.27%	0.106%
17	14.522	1955	1961	1971	rBV	281386	610104	17.13%	1.430%
18	15.298	2086	2093	2101	rBV	1278123	1865942	52.41%	4.373%
19	15.428	2108	2115	2127	rBV	353889	540166	15.17%	1.266%
20	15.928	2196	2200	2204	rBV2	42506	59359	1.67%	0.139%
21	16.028	2213	2217	2223	rBV	56432	78350	2.20%	0.184%
22	16.757	2336	2341	2349	rBV2	44315	66864	1.88%	0.157%
23	17.051	2384	2391	2399	rVB2	1458573	2076746	58.33%	4.868%
24	17.145	2401	2407	2418	rVV2	1500966	2134153	59.94%	5.002%
25	17.892	2530	2534	2539	rBV2	43909	75341	2.12%	0.177%
26	17.957	2539	2545	2554	rBV	402413	647003	18.17%	1.516%
27	18.633	2652	2660	2663	rBV8	20239	39709	1.12%	0.093%
28	18.675	2663	2667	2671	rVB2	33426	45374	1.27%	0.106%
29	18.886	2697	2703	2711	rBV8	23604	38933	1.09%	0.091%
30	19.086	2733	2737	2740	rBV3	35789	61245	1.72%	0.144%
31	19.122	2740	2743	2756	rVV3	92396	212905	5.98%	0.499%
32	19.239	2759	2763	2775	rVV3	93544	191765	5.39%	0.449%
33	19.445	2792	2798	2806	rVB	1978022	2656870	74.62%	6.227%
34	19.616	2822	2827	2836	rBV	931659	1195796	33.58%	2.803%

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35	19.686	2836	2839	2846	rVB8	20244	40848	1.15%	0.096%
36	19.898	2871	2875	2879	rBV	53100	65546	1.84%	0.154%
37	19.974	2883	2888	2892	rVV	282895	360609	10.13%	0.845%
38	20.010	2892	2894	2898	rVV	37614	42469	1.19%	0.100%
39	20.386	2955	2958	2961	rBV4	40348	49627	1.39%	0.116%
40	20.433	2962	2966	2973	rVB	129609	178997	5.03%	0.420%
41	20.504	2973	2978	2982	rBV4	57502	98398	2.76%	0.231%
42	20.810	3027	3030	3034	rBV6	29038	44126	1.24%	0.103%
43	20.857	3035	3038	3042	rVB5	40431	63760	1.79%	0.149%
44	20.939	3048	3052	3054	rBV4	47144	67127	1.89%	0.157%
45	20.969	3054	3057	3060	rVV	97406	134591	3.78%	0.315%
46	21.016	3060	3065	3083	rVB6	140346	530479	14.90%	1.243%
47	21.245	3099	3104	3112	rBV2	2210723	2839343	79.74%	6.655%
48	21.410	3128	3132	3135	rBV	78325	90909	2.55%	0.213%
49	21.568	3155	3159	3163	rVB2	82136	104199	2.93%	0.244%
50	21.839	3201	3205	3209	rBV	162238	196047	5.51%	0.460%
51	22.298	3279	3283	3287	rVB	134792	173778	4.88%	0.407%
52	22.421	3299	3304	3310	rBV	335215	450486	12.65%	1.056%
53	22.798	3363	3368	3373	rVB	322567	468743	13.16%	1.099%
54	23.321	3450	3457	3470	rVB	1675177	3429539	96.32%	8.038%
55	23.462	3474	3481	3495	rVB	1648607	3035382	85.25%	7.114%
56	23.986	3564	3570	3578	rVB	319462	566161	15.90%	1.327%
57	24.715	3689	3694	3700	rBV2	144462	298664	8.39%	0.700%
58	25.562	3834	3838	3846	rVB2	129431	297289	8.35%	0.697%
59	25.880	3882	3892	3915	rVB2	1191208	3560598	100.00%	8.345%
60	26.133	3931	3935	3945	rVB7	133179	320025	8.99%	0.750%
61	26.498	3989	3997	3998	rBV7	130070	292667	8.22%	0.686%
62	27.980	4243	4249	4264	rVB5	192051	615268	17.28%	1.442%

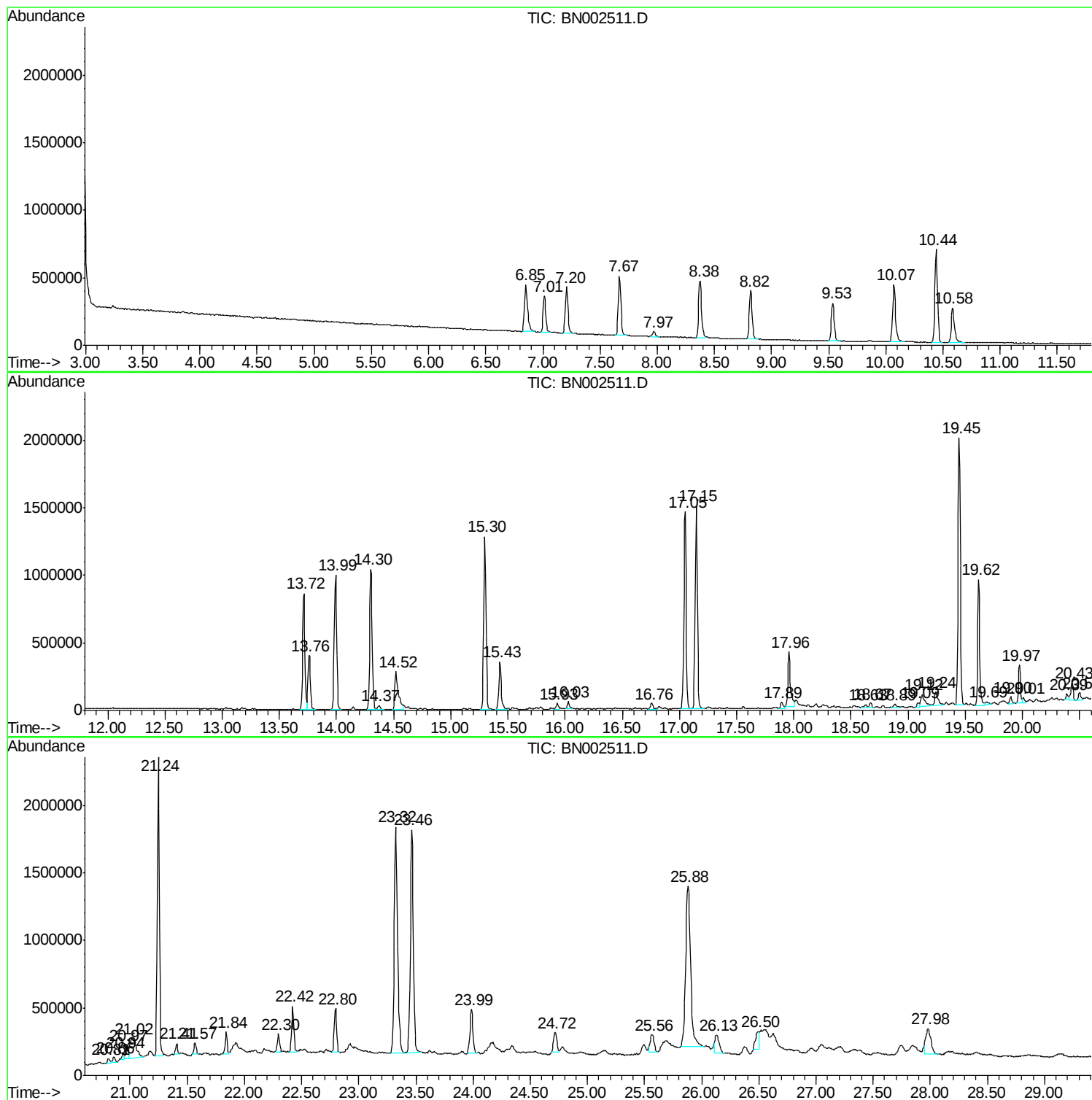
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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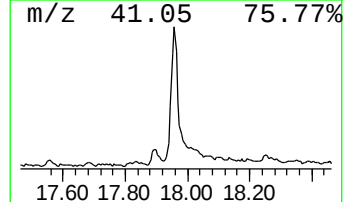
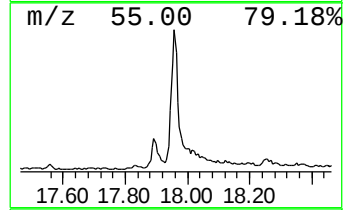
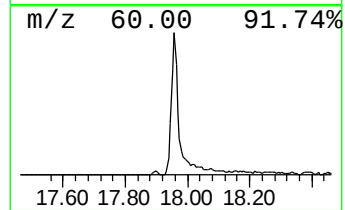
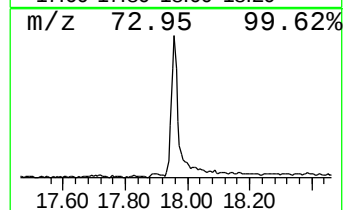
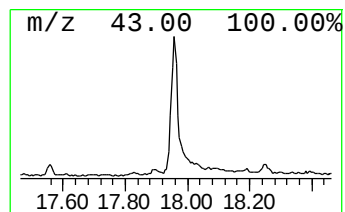
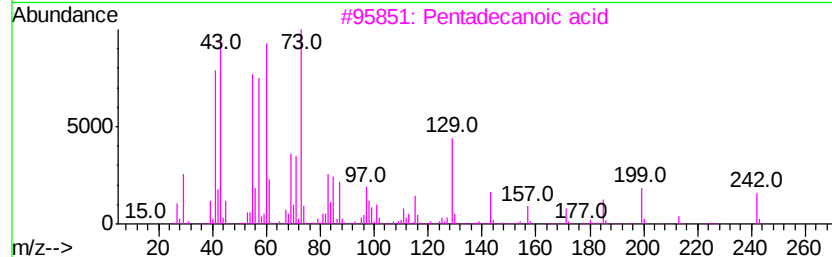
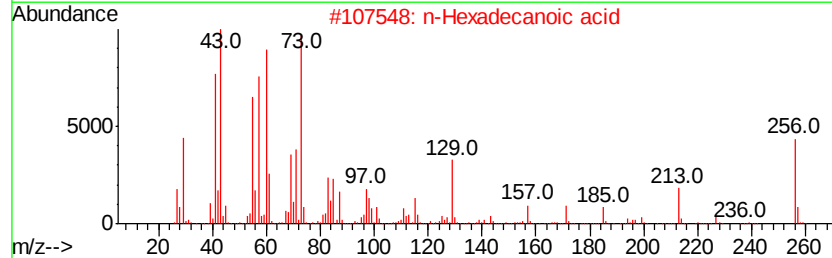
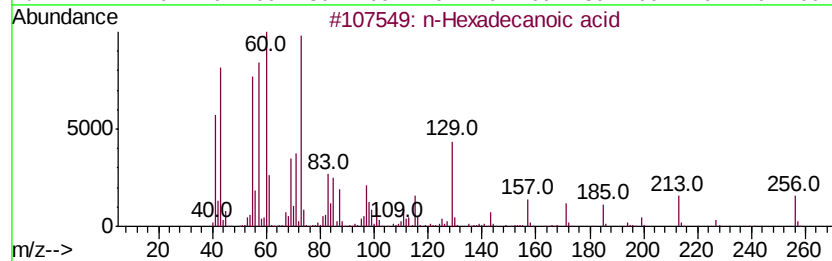
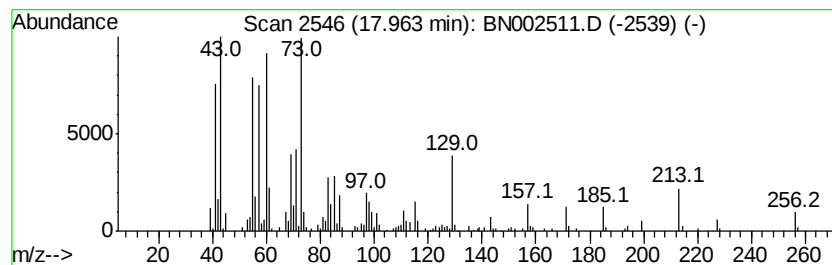
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.96	6.23 ng/ul	647003	Phenanthrene-d10		17.05
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	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81



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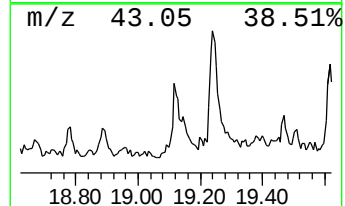
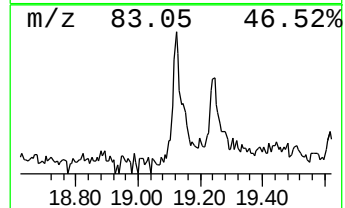
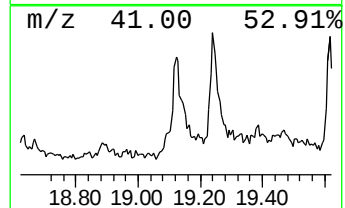
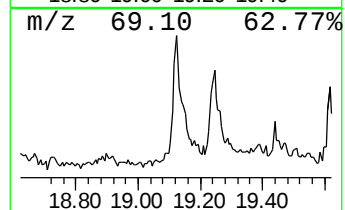
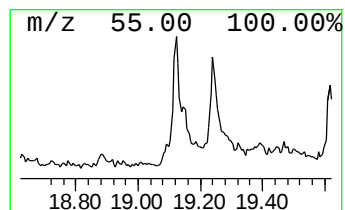
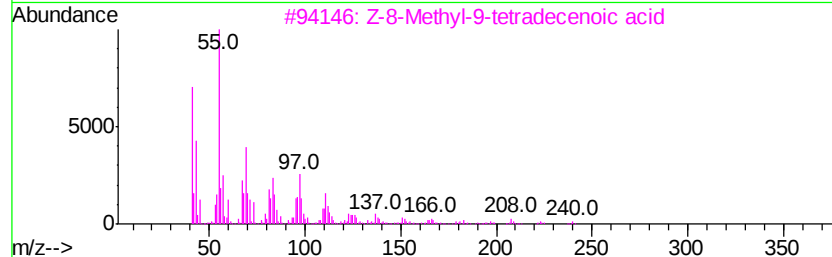
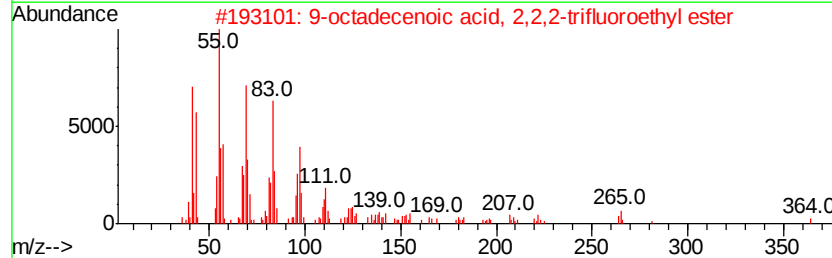
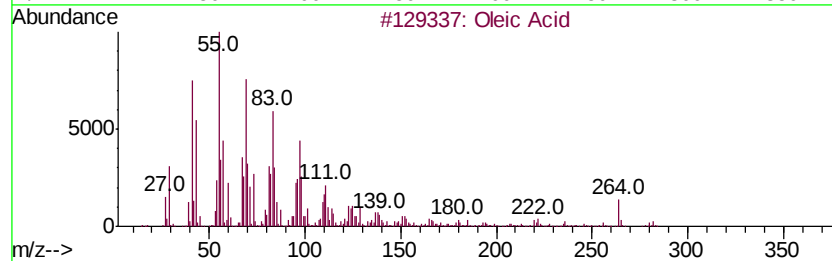
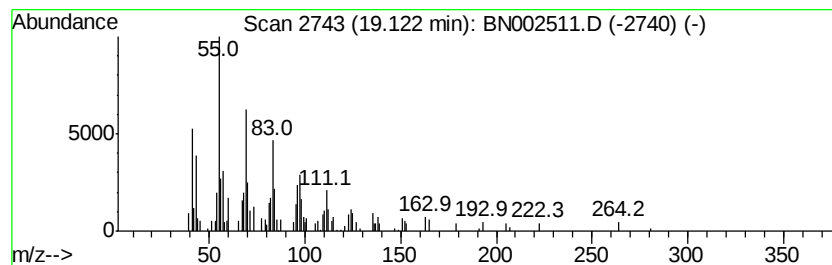
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Oleic Acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.12	2.05 ng/ul	212905	Phenanthrene-d10	17.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oleic Acid	282	C18H34O2	000112-80-1	68
2		9-octadecenoic acid, 2,2,2-trifluoromethyl	364	C20H35F3O2	1000376-54-3	58
3		Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	52
4		cis-Vaccenic acid	282	C18H34O2	000506-17-2	49
5		9-Octadecenoic acid (Z)-, methyl ester	296	C19H36O2	000112-62-9	49



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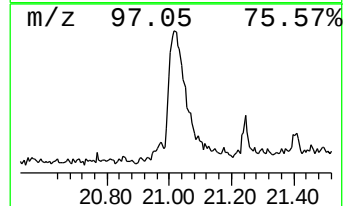
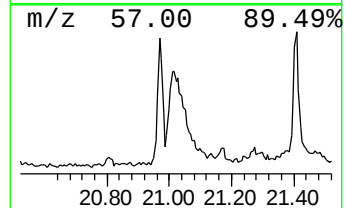
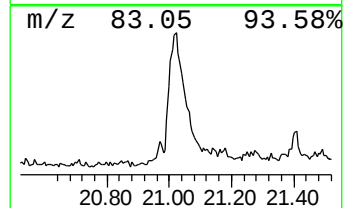
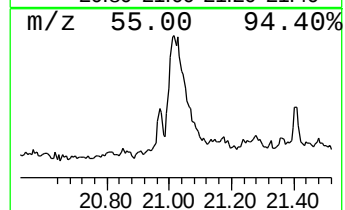
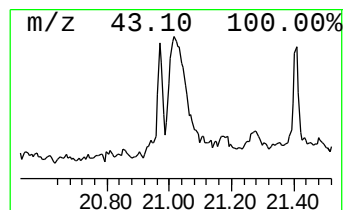
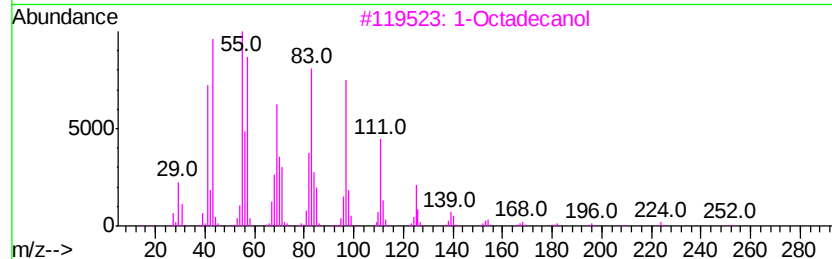
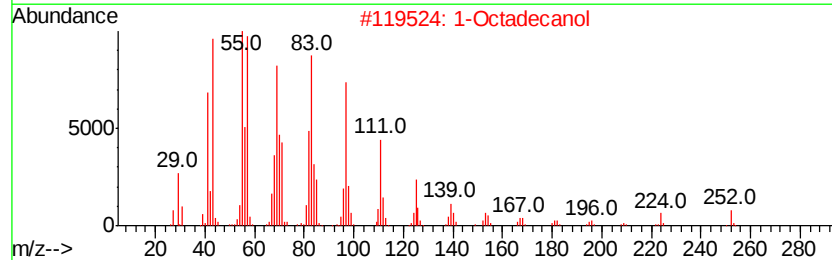
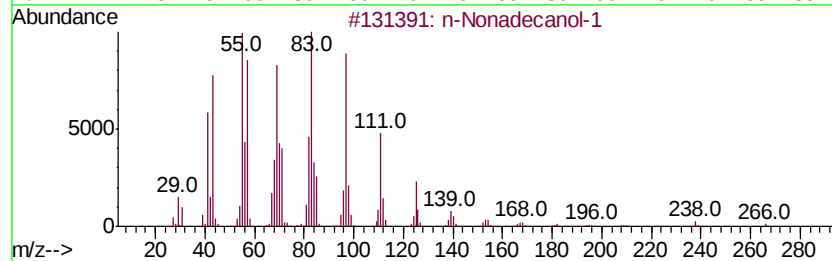
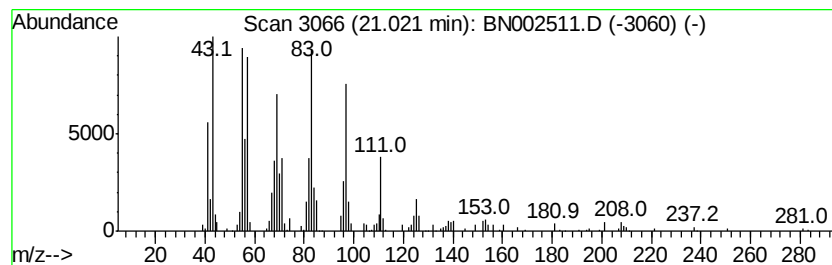
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.74 ng/ul	530479	Chrysene-d12	21.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	95
2	1-Octadecanol	270 C18H38O	000112-92-5	91
3	1-Octadecanol	270 C18H38O	000112-92-5	91
4	1-Heneicosanol	312 C21H44O	015594-90-8	91
5	Behenic alcohol	326 C22H46O	000661-19-8	91



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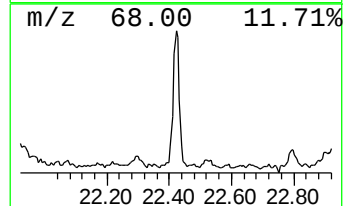
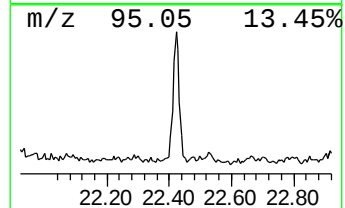
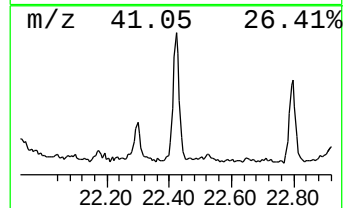
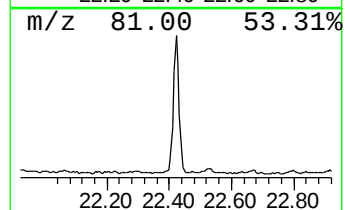
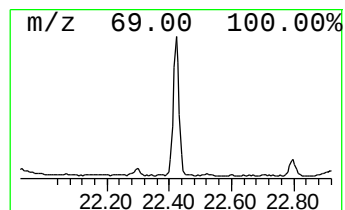
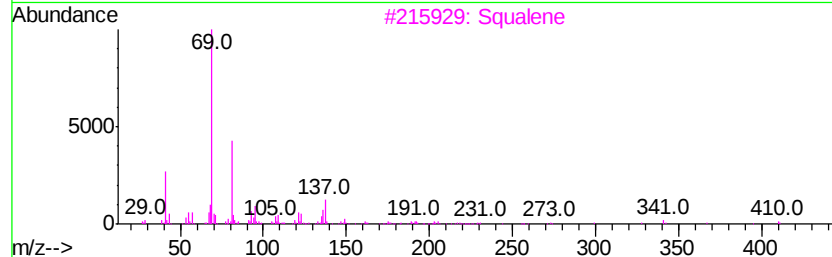
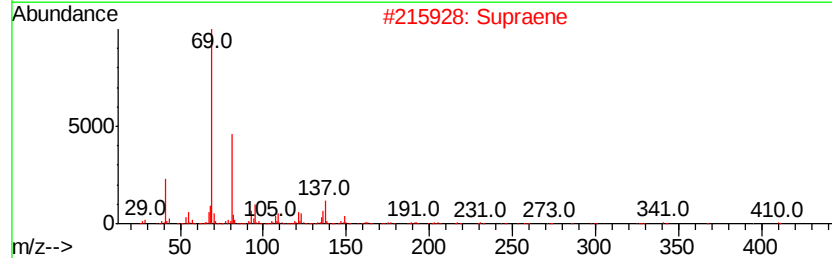
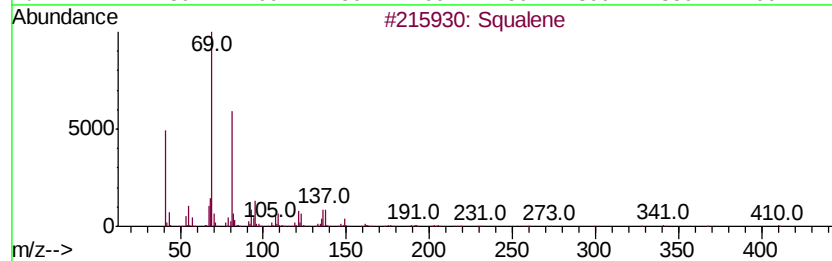
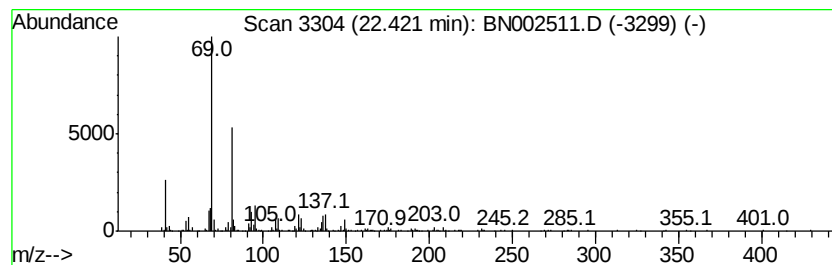
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.97 ng/ul	450486	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	90
2		Supraene	410	C30H50	007683-64-9	87
3		Squalene	410	C30H50	000111-02-4	86
4		2,6-Octadiene, 2,7-dimethyl-	138	C10H18	016736-42-8	59
5		1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	53



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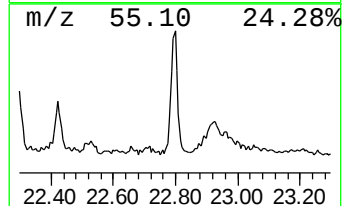
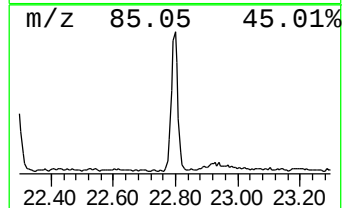
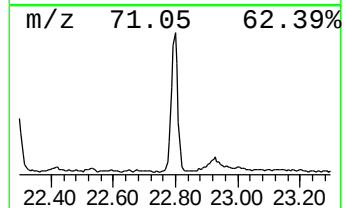
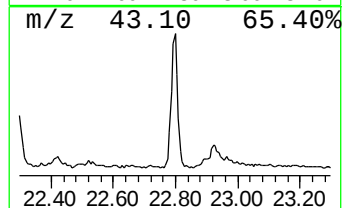
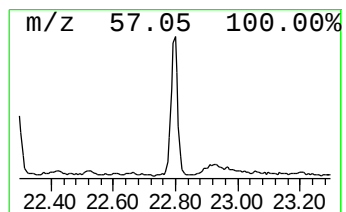
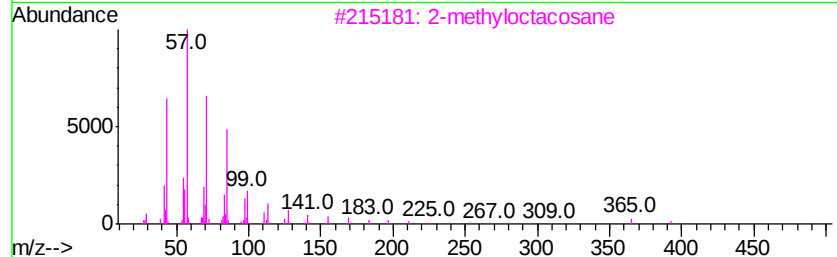
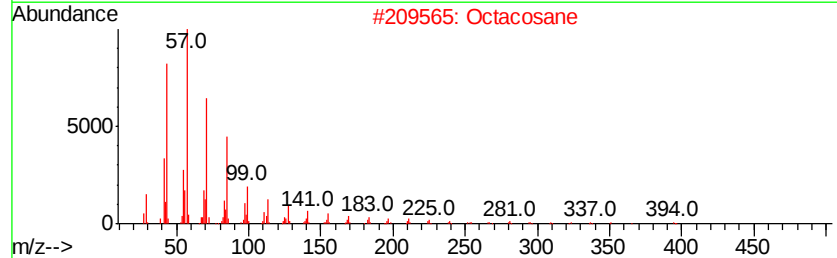
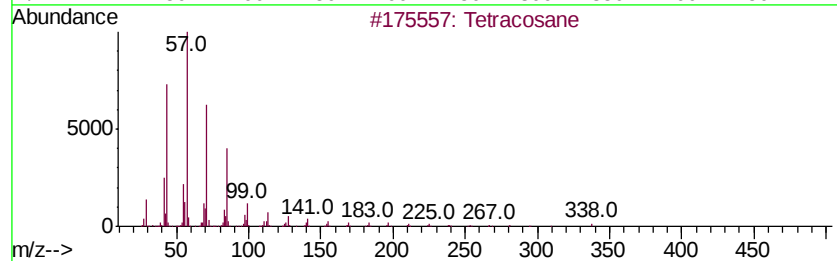
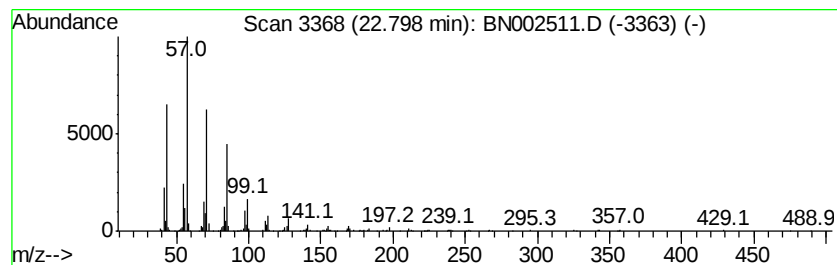
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	3.09 ng/ul	468743	Perylene-d12	23.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Octacosane	394	C28H58	000630-02-4	91
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
Data File : BN002511.D
Acq On : 24 Aug 2018 21:10
Operator : JU/SJ
Sample : J4628-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB3F5

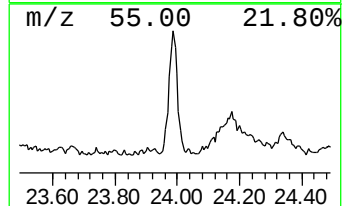
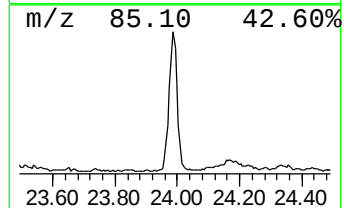
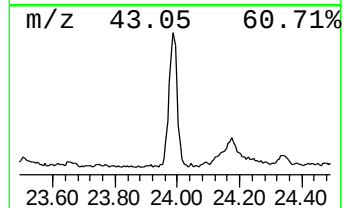
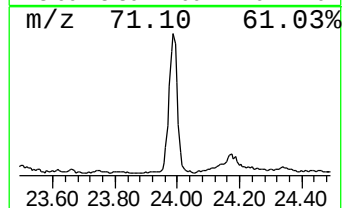
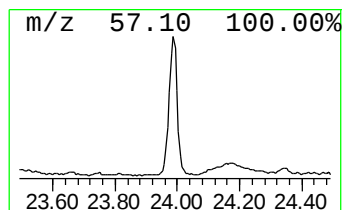
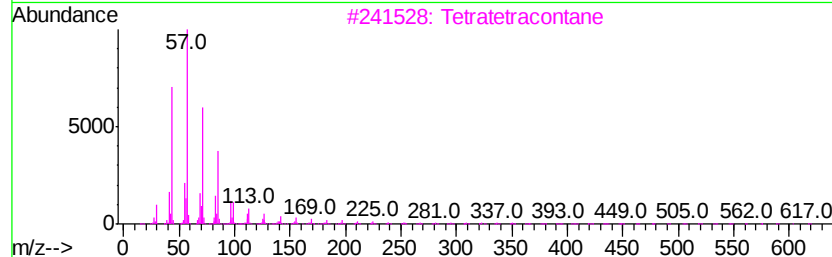
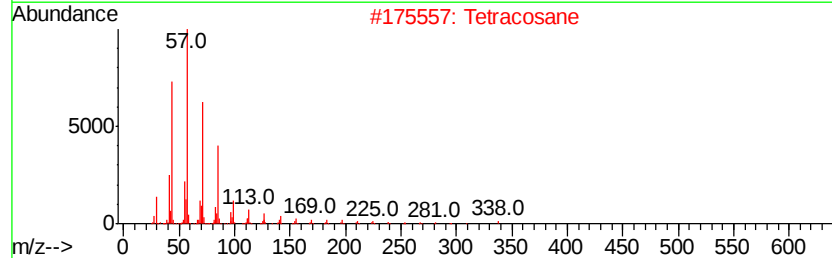
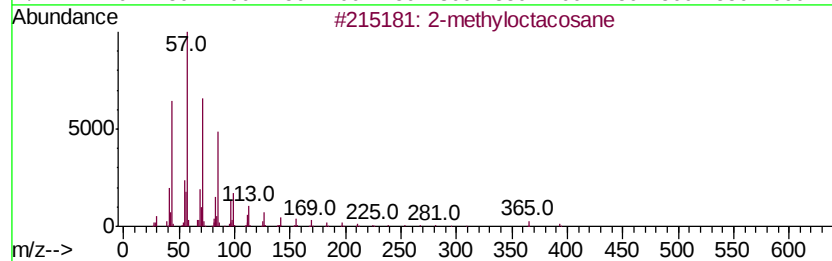
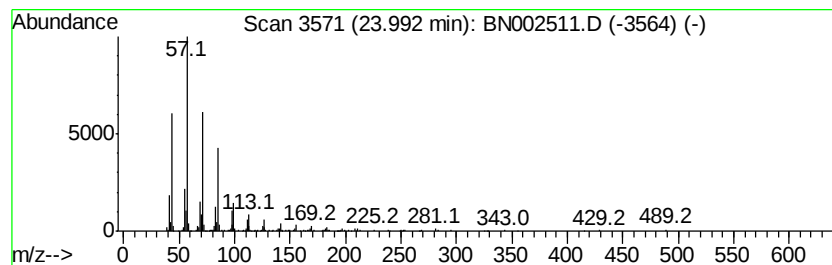
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.73 ng/ul	566161	Perylene-d12	23.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082418\
Data File : BN002511.D
Acq On : 24 Aug 2018 21:10
Operator : JU/SJ
Sample : J4628-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

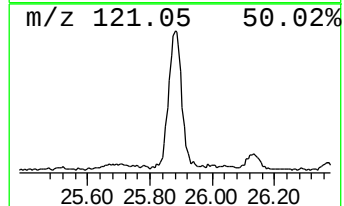
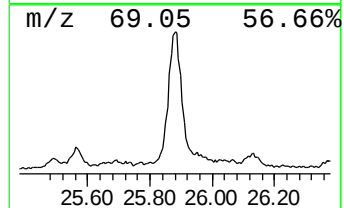
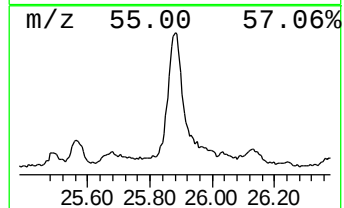
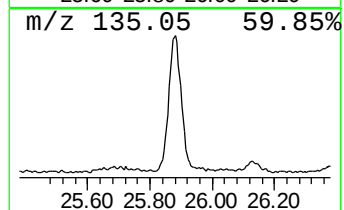
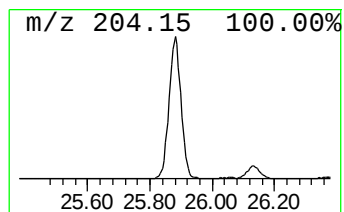
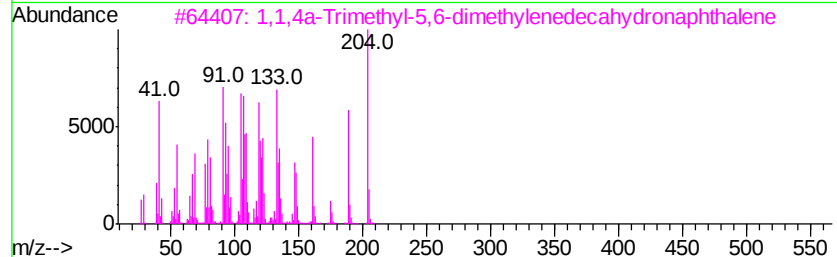
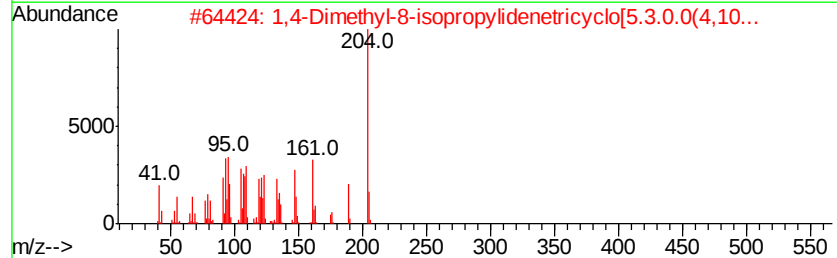
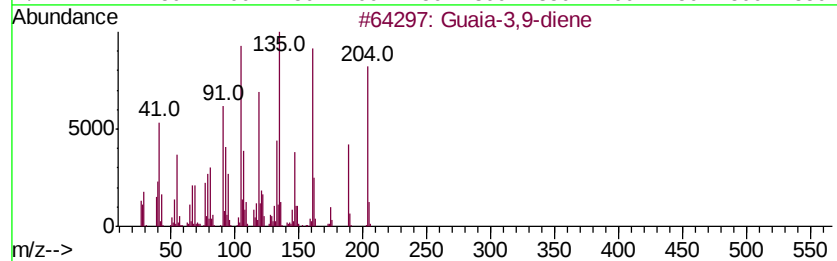
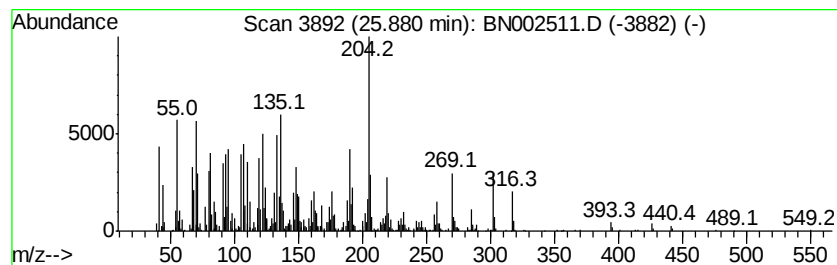
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Guaia-3,9-diene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	23.46 ng/ul	3560600	Perylene-d12	23.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Guaia-3,9-diene	204 C15H24	000489-83-8	52
2	1,4-Dimethyl-8-isopropylidenetri...	204 C15H24	1000140-07-7	52
3	1,1,4a-Trimethyl-5,6-dimethylene...	204 C15H24	1000193-60-8	50
4	1H-Cycloprop[elazulene, 1a,2,3,4...	204 C15H24	000489-40-7	43
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204 C14H20O	124957-09-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
Data File : BN002511.D
Acq On : 24 Aug 2018 21:10
Operator : JU/SJ
Sample : J4628-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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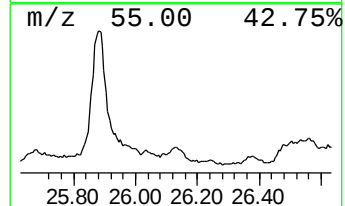
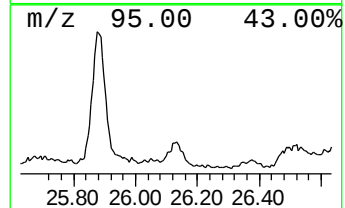
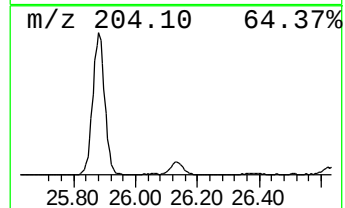
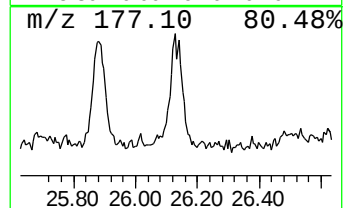
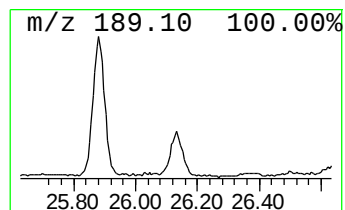
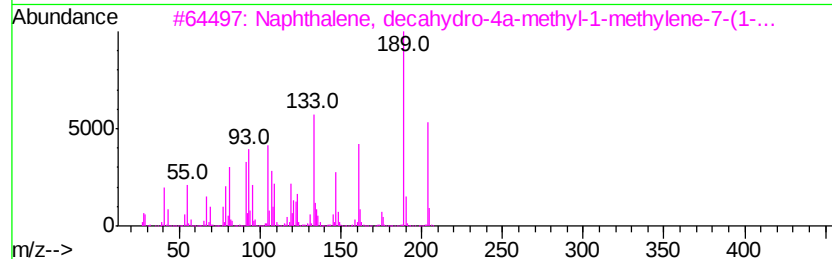
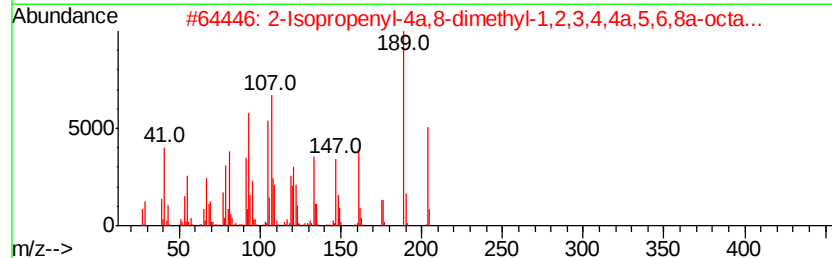
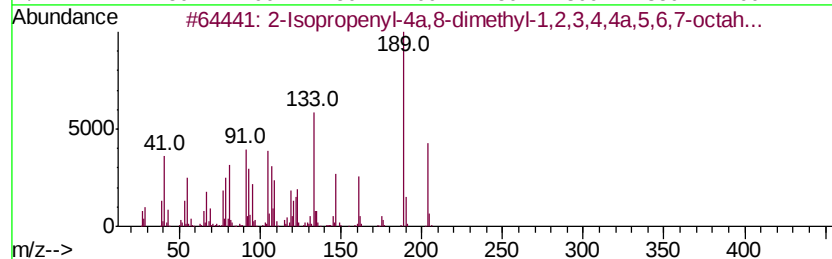
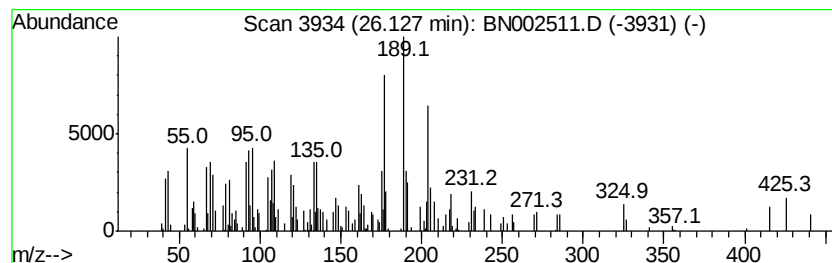
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	2.11 ng/ul	320025	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	45
2		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	38
3		Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	38
4		Benzenepropanal, 3-(1,1-dimethyl...	204	C14H20O	062518-65-4	30
5		2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
Data File : BN002511.D
Acq On : 24 Aug 2018 21:10
Operator : JU/SJ
Sample : J4628-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

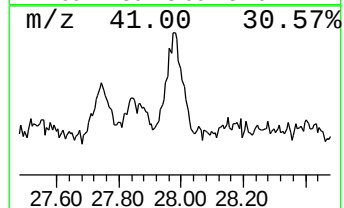
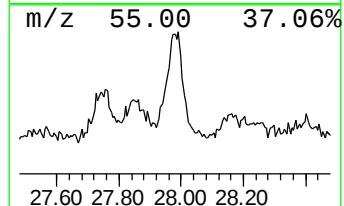
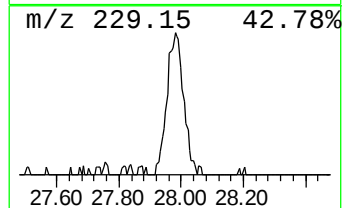
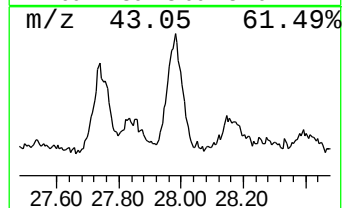
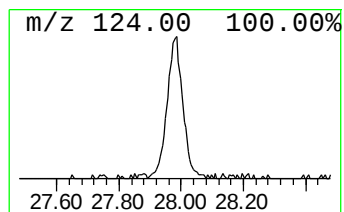
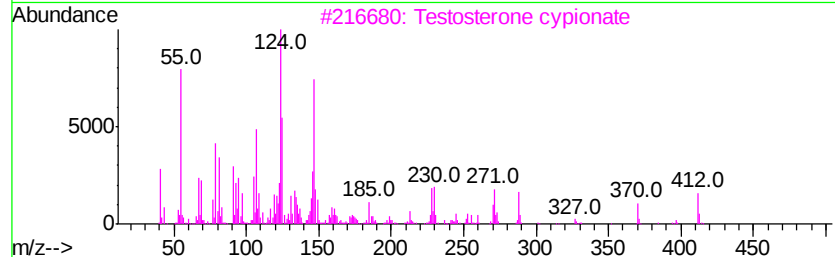
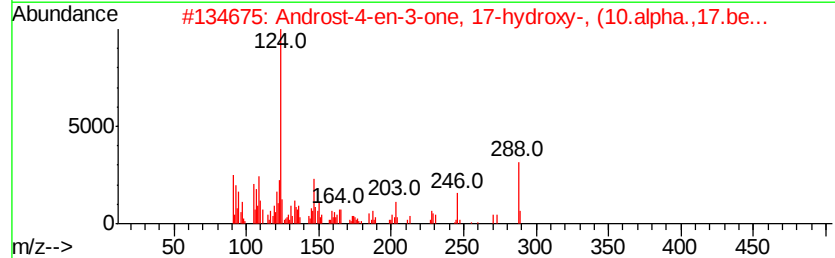
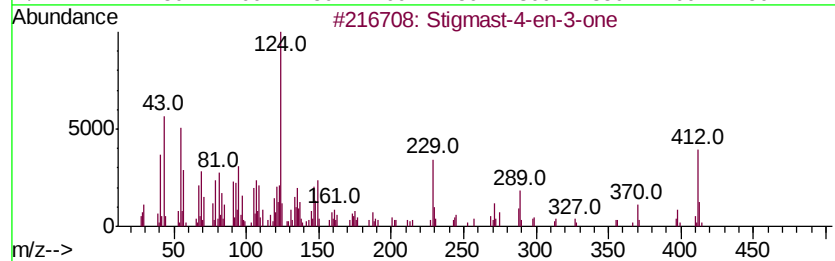
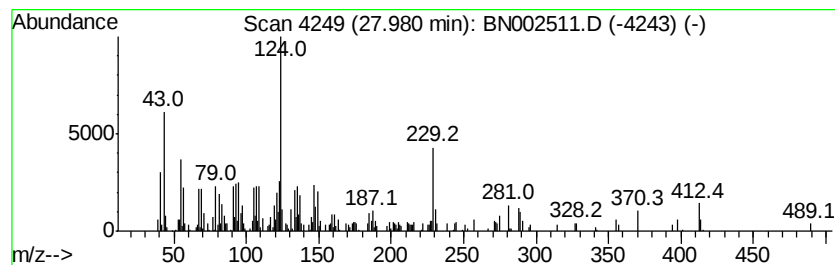
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Stigmast-4-en-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.98	4.05 ng/ul	615268	Perylene-d12	23.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 91
2		Androst-4-en-3-one, 17-hydroxy-, ...	288 C19H28O2	000604-39-7 66
3		Testosterone cypionate	412 C27H40O3	000058-20-8 53
4		Testosterone	288 C19H28O2	000058-22-0 46
5		Testosterone	288 C19H28O2	000058-22-0 44



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082418\
 Data File : BN002511.D
 Acq On : 24 Aug 2018 21:10
 Operator : JU/SJ
 Sample : J4628-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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	17.96	6.2	ng/ul	647003	4	17.05	2076750	20.0
Oleic Acid	19.12	2.0	ng/ul	212905	4	17.05	2076750	20.0
(1H)Pyrrole, 3,4-...	19.62	8.4	ng/ul	1195800	5	21.25	2839340	20.0
2,2,2-Trifluoro-N...	19.97	2.5	ng/ul	360609	5	21.25	2839340	20.0
n-Nonadecanol-1	21.02	3.7	ng/ul	530479	5	21.25	2839340	20.0
Squalene	22.42	3.0	ng/ul	450486	6	23.46	3035380	20.0
(DEL) Alkane: Str...	22.80	3.1	ng/ul	468743	6	23.46	3035380	20.0
(DEL) Alkane: Str...	23.99	3.7	ng/ul	566161	6	23.46	3035380	20.0
Guaia-3,9-diene	25.88	23.5	ng/ul	3560600	6	23.46	3035380	20.0
unknown-01	26.13	2.1	ng/ul	320025	6	23.46	3035380	20.0
Stigmast-4-en-3-one	27.98	4.0	ng/ul	615268	6	23.46	3035380	20.0