

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
 Data File : BN003878.D
 Acq On : 13 Dec 2018 07:04
 Operator : JU/SJ
 Sample : J6228-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E84

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-BN121218MA.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	3.017	3	5	24	rVB	356939	543642	39.92%	4.974%
2	6.987	674	680	690	rBB2	91542	176665	12.97%	1.616%
3	7.163	705	710	720	rBB	75069	113840	8.36%	1.041%
4	7.357	737	743	750	rBB	94992	146653	10.77%	1.342%
5	7.828	818	823	830	rBV	85244	131394	9.65%	1.202%
6	8.522	936	941	950	rBB	116004	183832	13.50%	1.682%
7	8.999	1015	1022	1029	rBB	91857	150039	11.02%	1.373%
8	9.710	1138	1143	1150	rBB	78181	123841	9.09%	1.133%
9	10.240	1227	1233	1243	rBB	127723	203700	14.96%	1.864%
10	10.628	1292	1299	1307	rBB	143291	235691	17.31%	2.156%
11	10.769	1316	1323	1336	rBV	112274	192673	14.15%	1.763%
12	13.869	1845	1850	1855	rBV	265916	352690	25.90%	3.227%
13	13.916	1855	1858	1864	rVB	96789	121307	8.91%	1.110%
14	14.163	1893	1900	1907	rBV	300640	440895	32.38%	4.034%
15	14.469	1945	1952	1960	rVB2	234630	356739	26.20%	3.264%
16	14.663	1980	1985	1999	rBV	104240	161859	11.89%	1.481%
17	15.457	2114	2120	2130	rVB	433026	578311	42.47%	5.291%
18	15.581	2136	2141	2147	rBV	118758	148548	10.91%	1.359%
19	17.210	2412	2418	2423	rBV	345348	468819	34.43%	4.289%
20	17.310	2429	2435	2448	rVB	486223	669190	49.14%	6.122%
21	18.080	2561	2566	2572	rBV	37026	47435	3.48%	0.434%
22	19.357	2780	2783	2797	rBV	13562	23443	1.72%	0.214%
23	19.510	2802	2809	2816	rVV2	125668	143394	10.53%	1.312%
24	19.604	2819	2825	2834	rVB	663953	905442	66.49%	8.284%
25	20.422	2951	2964	2968	rBV3	7476	23348	1.71%	0.214%
26	20.557	2982	2987	2991	rBV	114029	120194	8.83%	1.100%
27	21.086	3072	3077	3090	rBV6	27324	90734	6.66%	0.830%
28	21.398	3124	3130	3134	rBV	567860	729937	53.60%	6.678%
29	21.516	3145	3150	3153	rBV	14327	17119	1.26%	0.157%
30	21.963	3221	3226	3229	rBV	45714	55857	4.10%	0.511%
31	22.004	3230	3233	3237	rBV2	8589	13697	1.01%	0.125%
32	22.433	3302	3306	3314	rVB	44670	59866	4.40%	0.548%
33	22.568	3326	3329	3336	rVB2	11256	15403	1.13%	0.141%
34	22.957	3389	3395	3400	rVB	134384	197855	14.53%	1.810%

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35	23.568	3488	3499	3511	rVB	656386	1361817	100.00%	12.459%
36	23.715	3516	3524	3533	rVB2	443159	863152	63.38%	7.897%
37	24.080	3583	3586	3594	rVB2	9775	17106	1.26%	0.156%
38	24.204	3601	3607	3614	rBV	137916	251542	18.47%	2.301%
39	24.315	3620	3626	3638	rBV3	27150	94482	6.94%	0.864%
40	24.974	3731	3738	3746	rBV	47122	102110	7.50%	0.934%
41	25.880	3884	3892	3900	rVB	53174	136181	10.00%	1.246%
42	26.862	4051	4059	4064	rBV	22778	74178	5.45%	0.679%
43	28.486	4325	4335	4345	rBV5	25731	85835	6.30%	0.785%

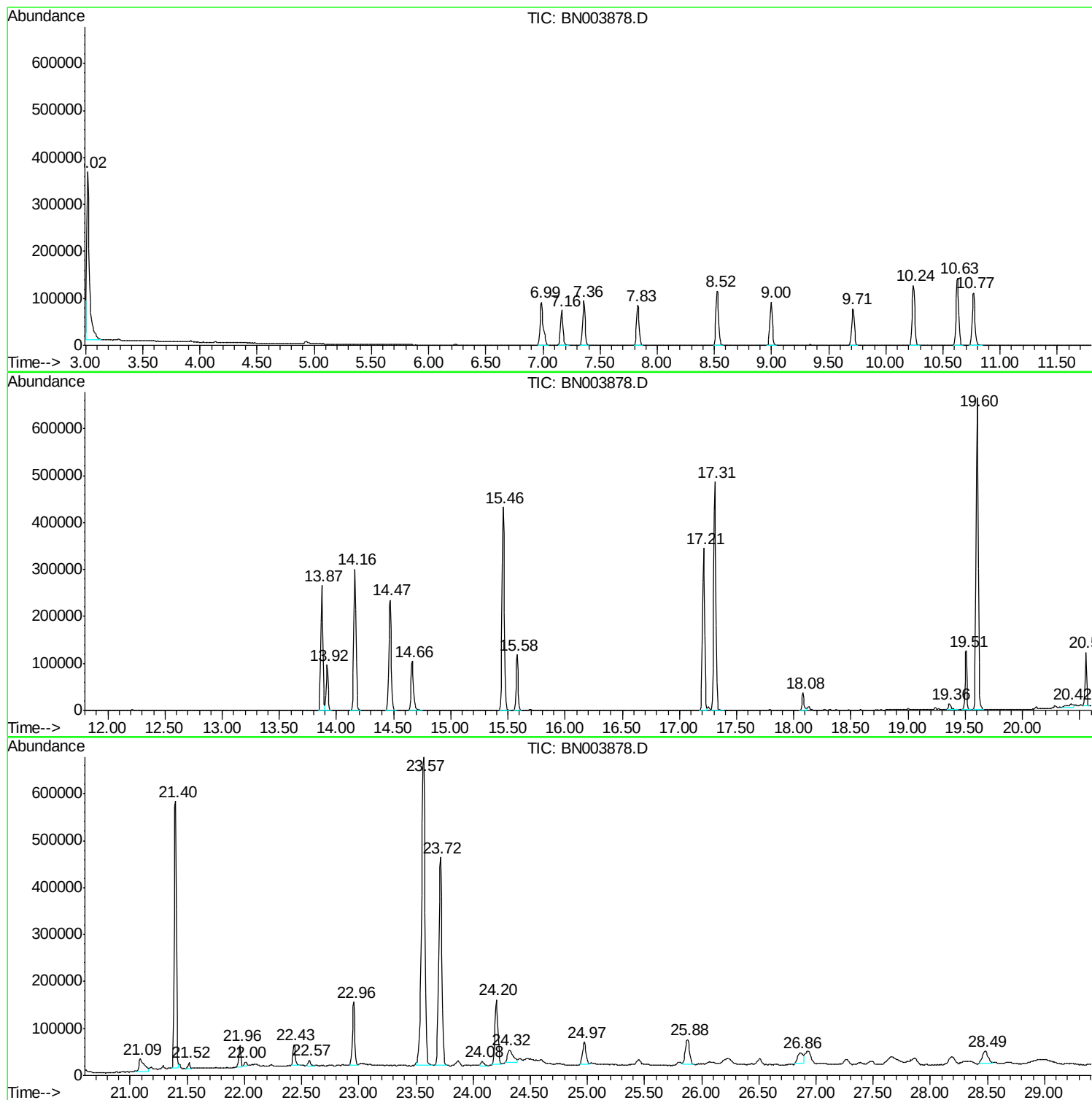
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Quant Title : SVOA CALIBRATION

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



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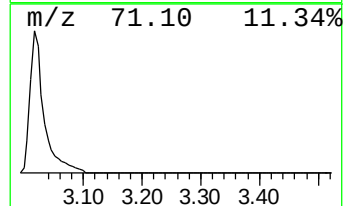
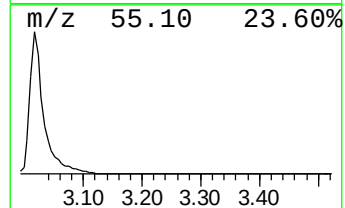
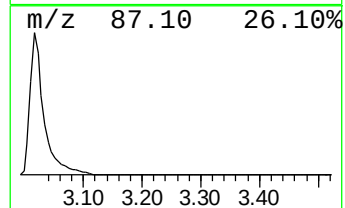
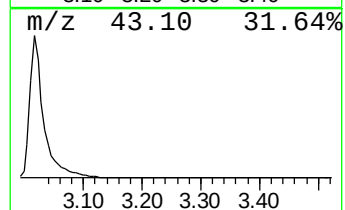
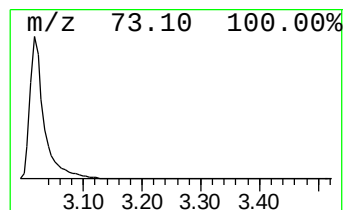
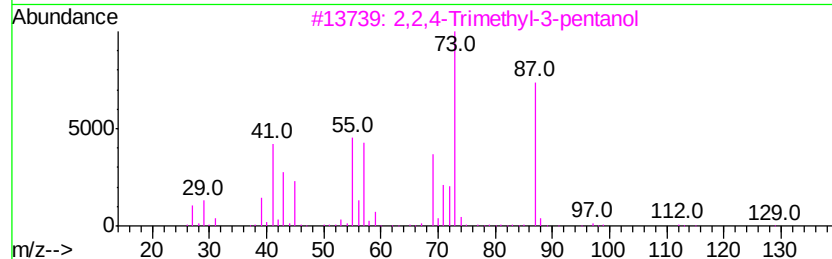
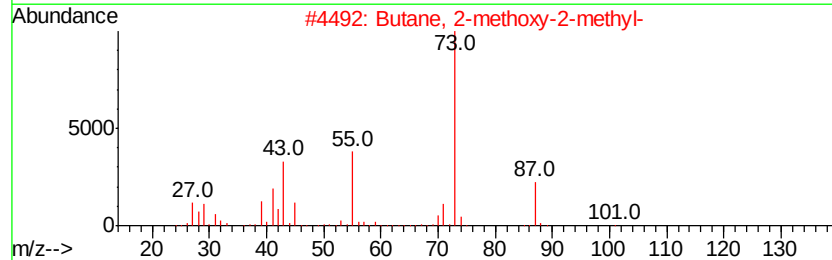
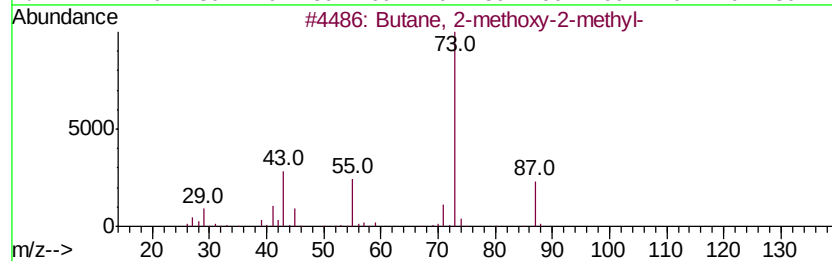
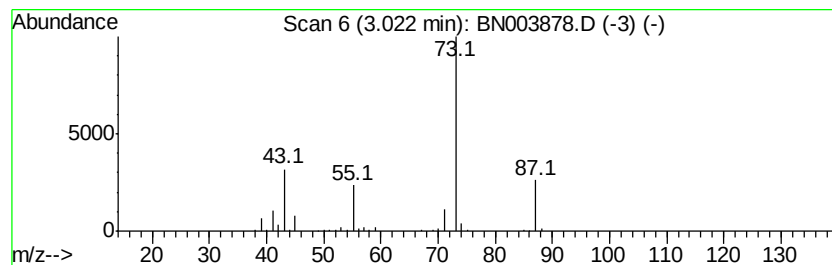
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	82.75 ng/ul	543642	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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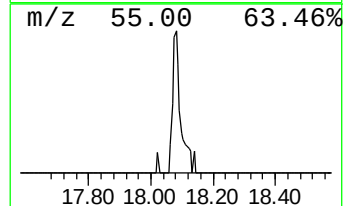
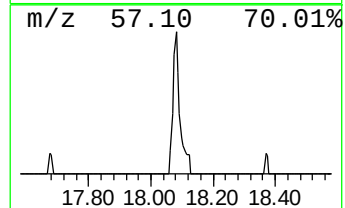
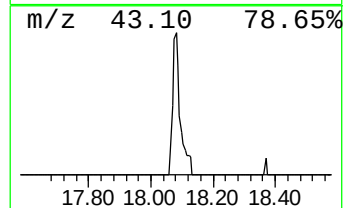
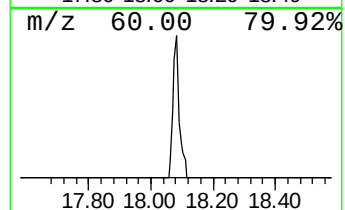
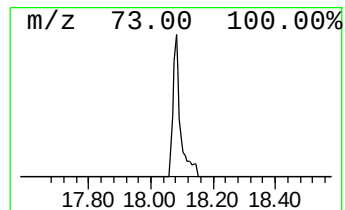
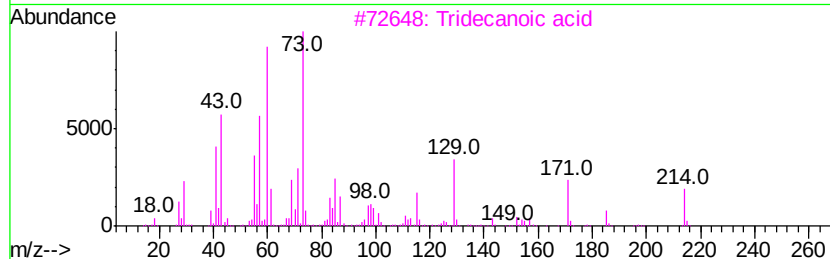
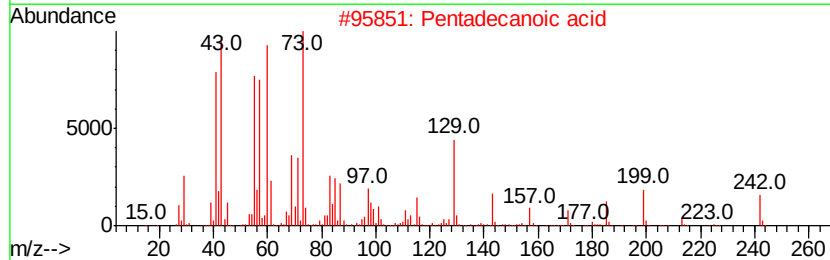
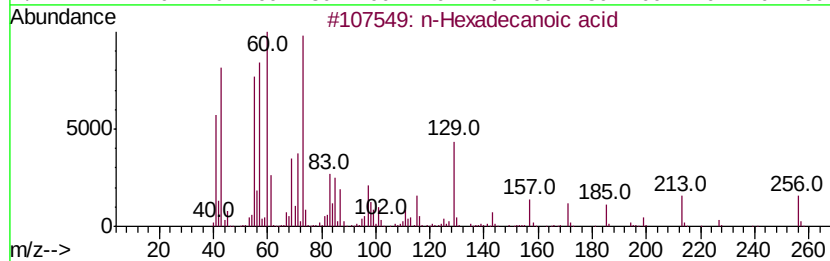
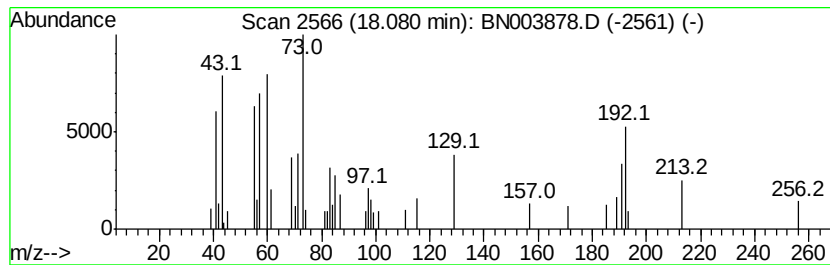
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.02 ng/ul	47435	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3		Tridecanoic acid	214	C13H26O2	000638-53-9	58
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



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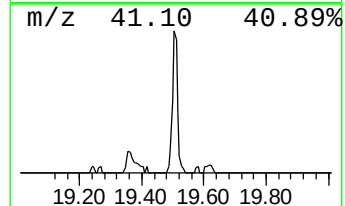
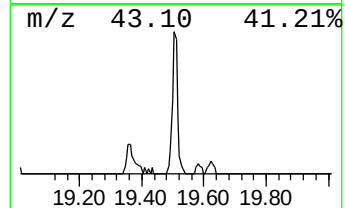
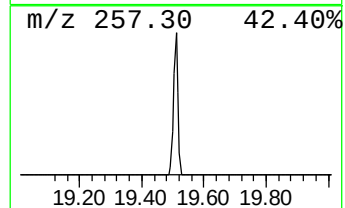
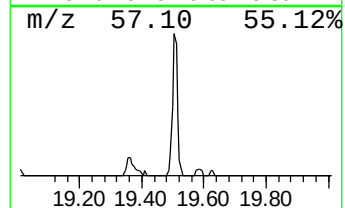
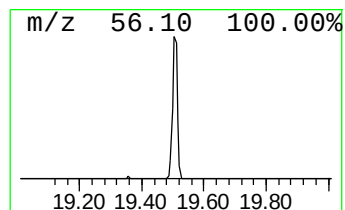
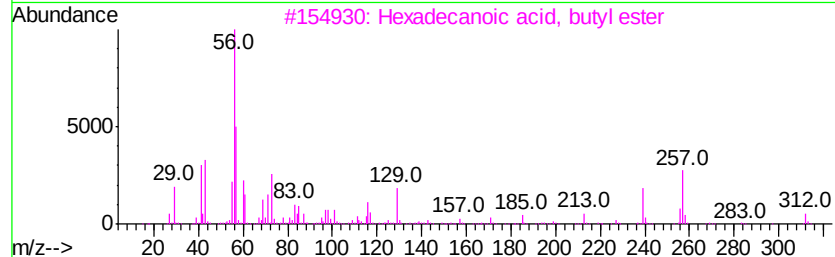
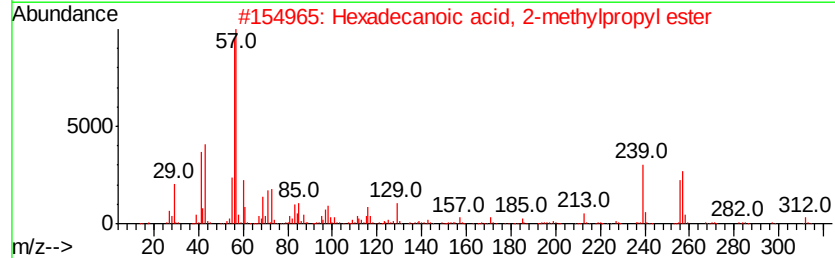
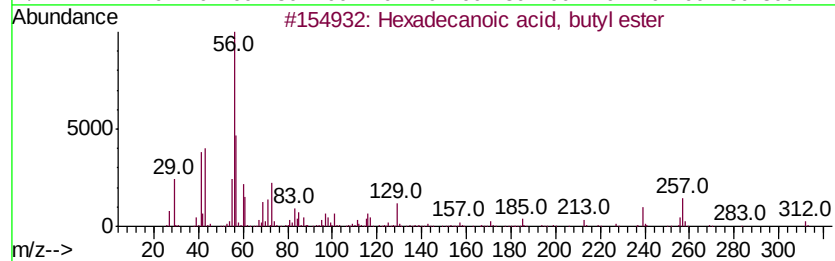
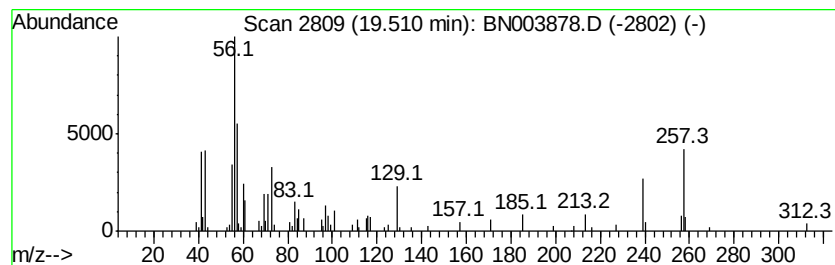
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	3.93 ng/ul	143394	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2		Hexadecanoic acid, 2-methylpropyl ester	312	C20H40O2	000110-34-9	93
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	92
4		Hexadecanoic acid, 1,1-dimethylethyl ester	312	C20H40O2	031158-91-5	52
5		Cyclohexanamine	99	C6H13N	000108-91-8	22



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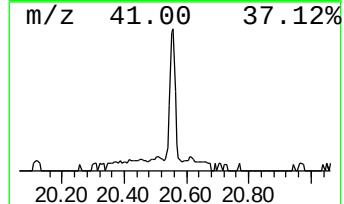
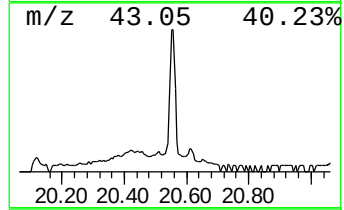
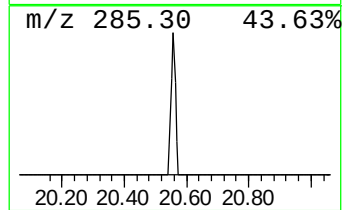
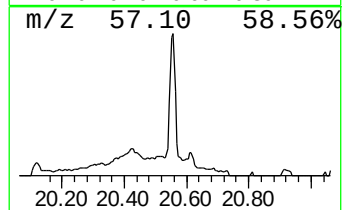
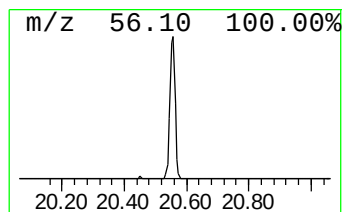
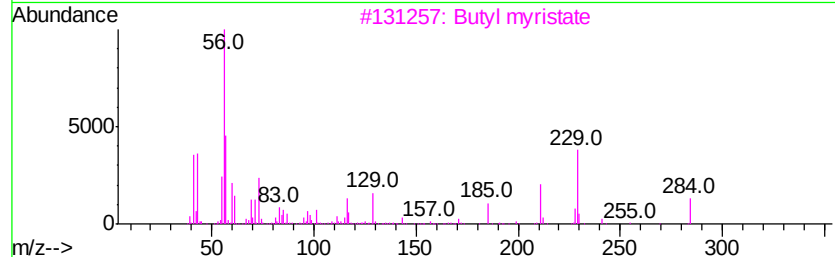
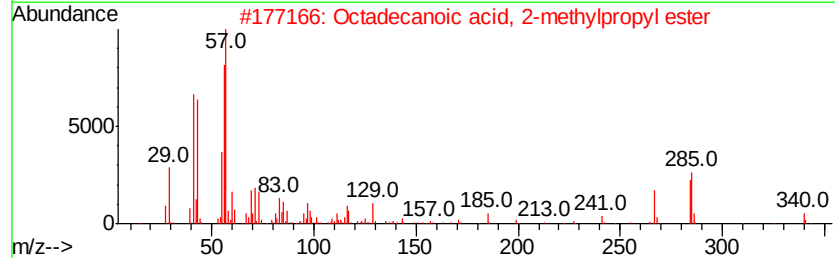
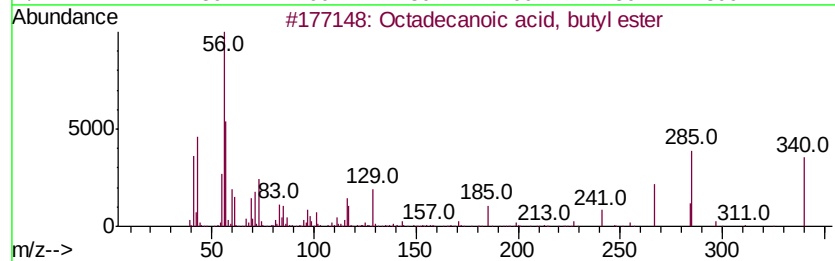
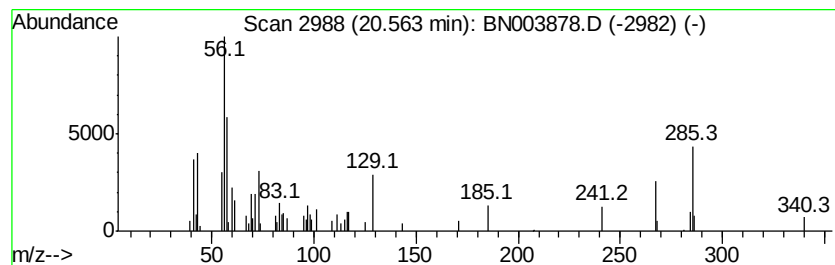
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Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	3.29 ng/ul	120194	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	83
3		Butyl myristate	284	C18H36O2	000110-36-1	50
4		Nipecotic acid	129	C6H11NO2	000498-95-3	47
5		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	30



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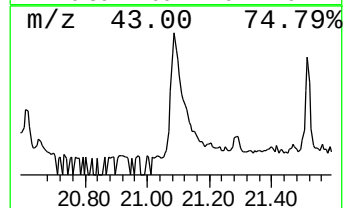
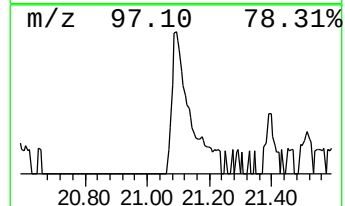
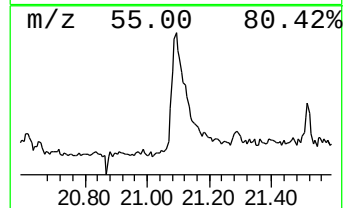
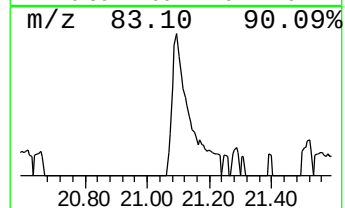
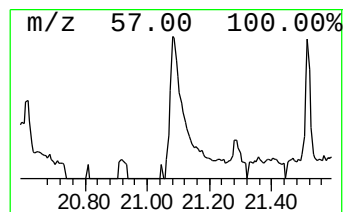
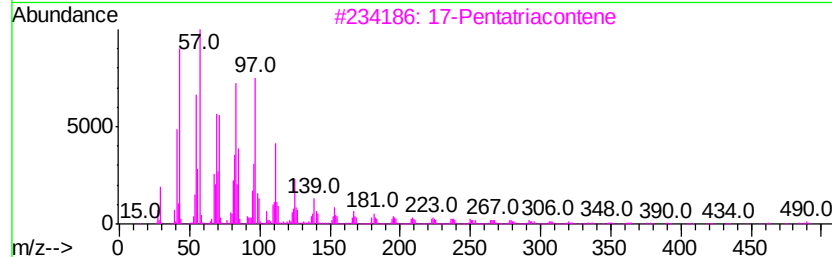
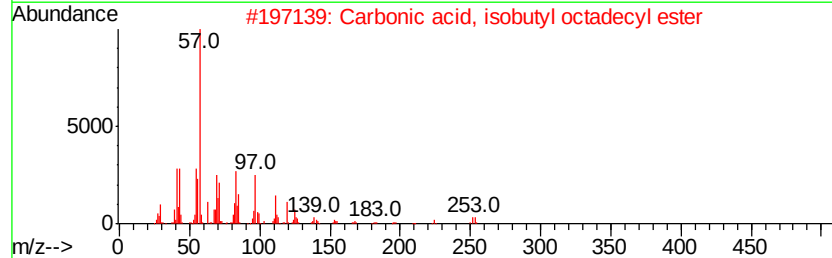
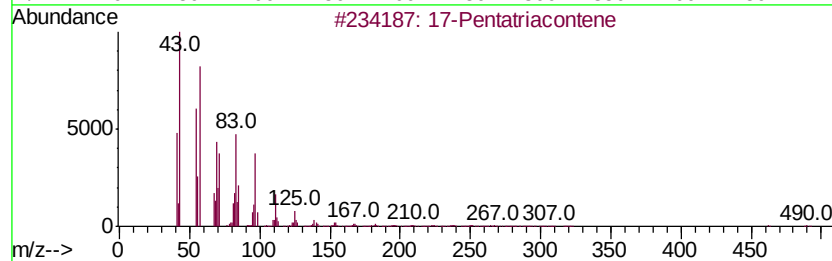
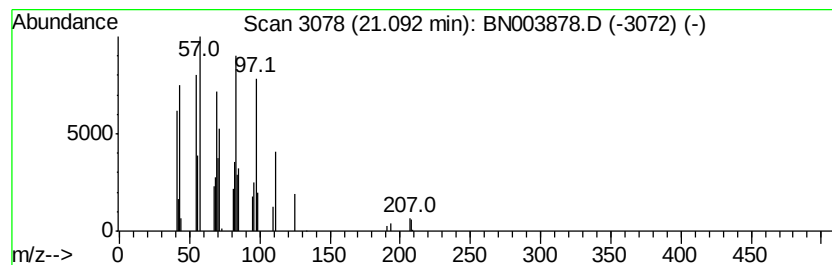
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Peak Number 5 (DEL) Alkane: Cyclic21.09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.09	2.49 ng/ul	90734	Chrysene-d12	21.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	1-Hentetracontanol	593	C41H84O	040710-42-7	90
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003878.D
Acq On : 13 Dec 2018 07:04
Operator : JU/SJ
Sample : J6228-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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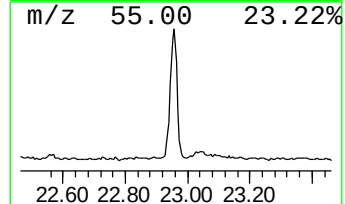
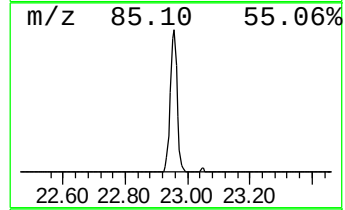
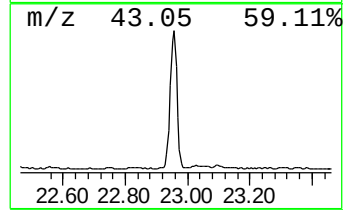
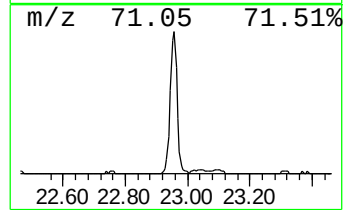
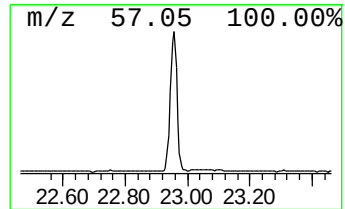
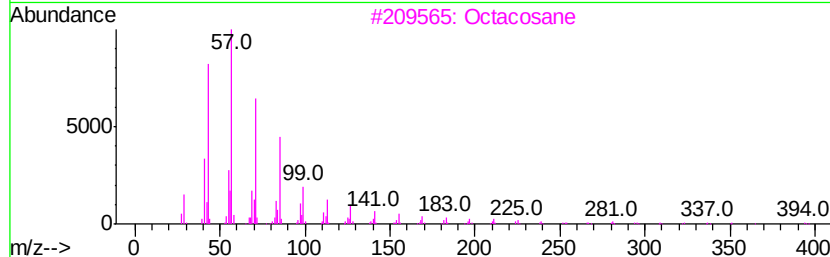
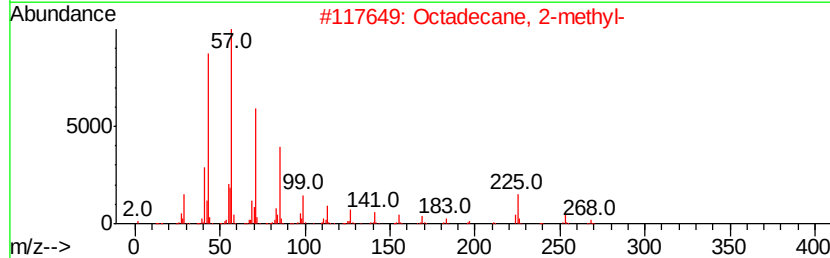
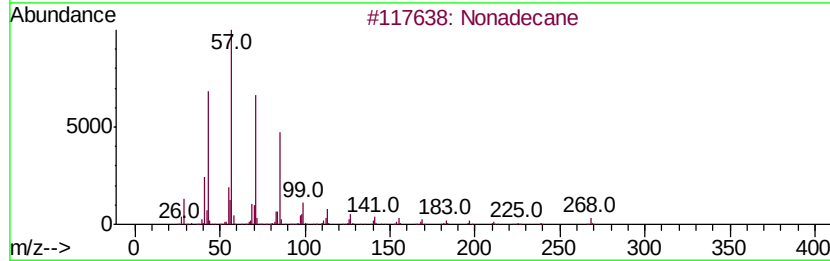
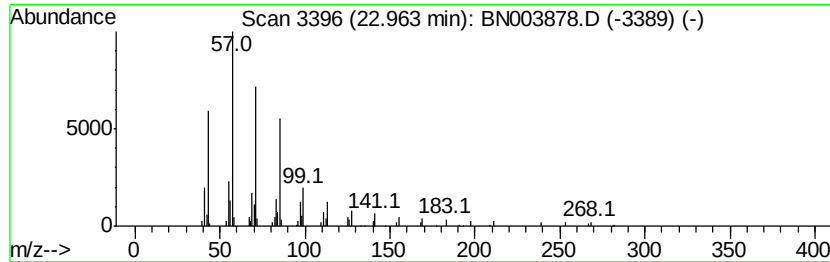
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	4.58 ng/ul	197855	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3		Octacosane	394	C28H58	000630-02-4	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003878.D
Acq On : 13 Dec 2018 07:04
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Sample : J6228-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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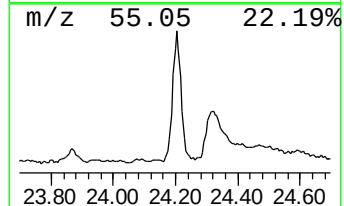
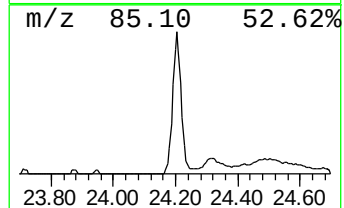
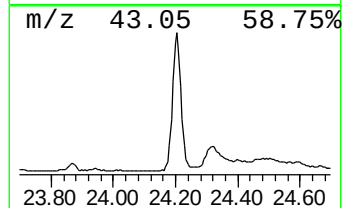
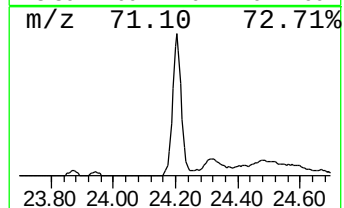
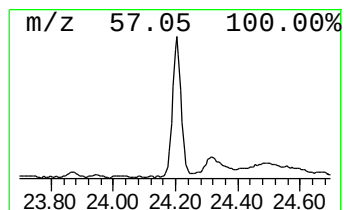
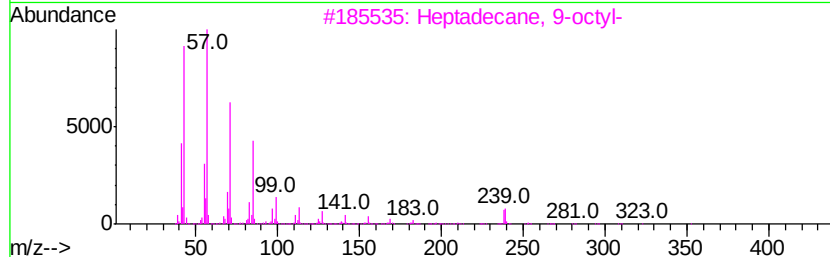
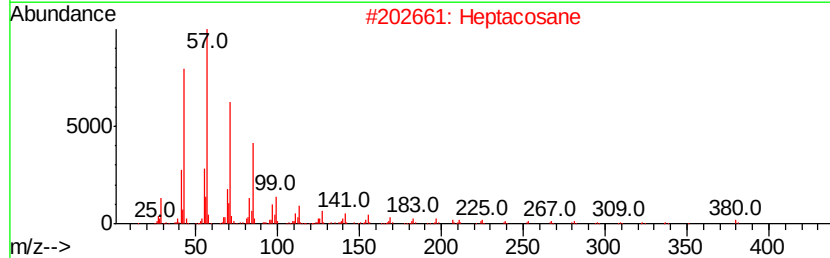
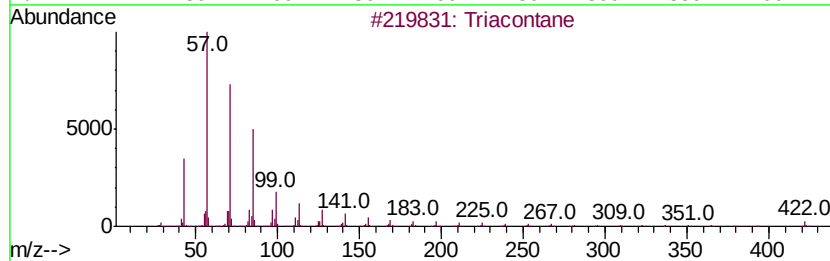
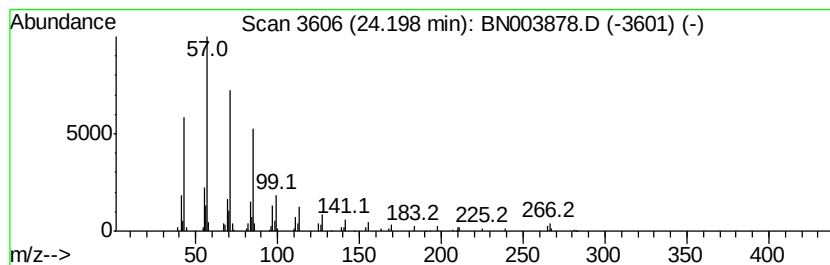
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	5.83 ng/ul	251542	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003878.D
Acq On : 13 Dec 2018 07:04
Operator : JU/SJ
Sample : J6228-05
Misc :
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Instrument :
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ClientSampleId :
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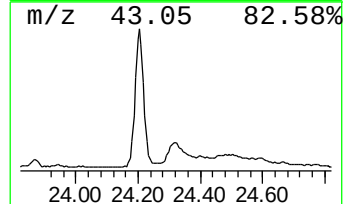
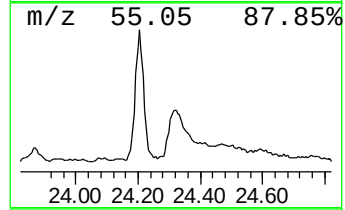
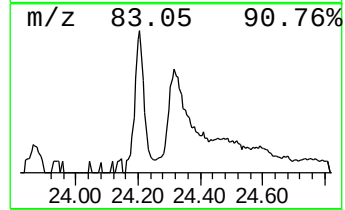
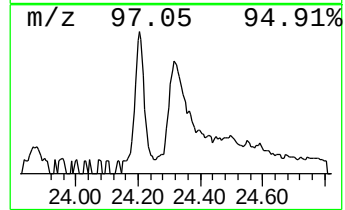
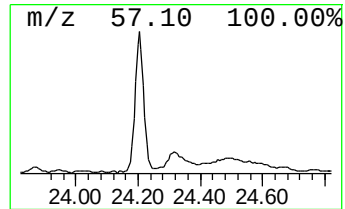
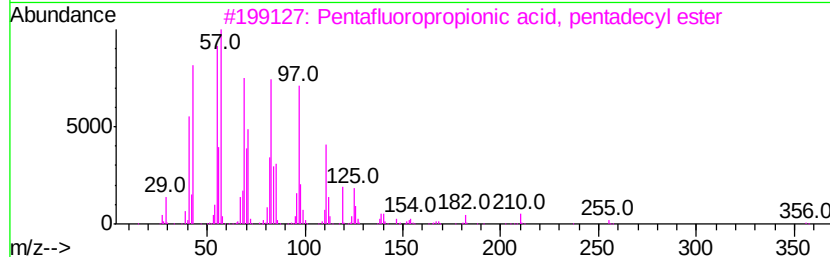
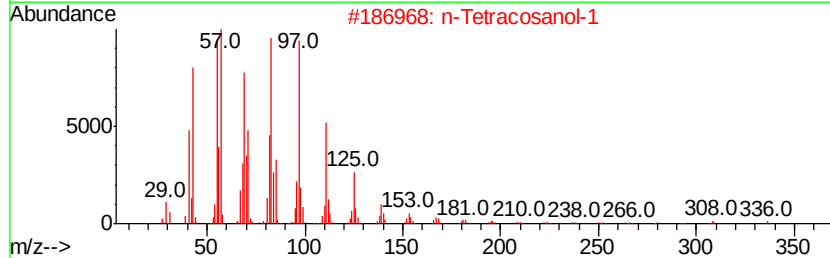
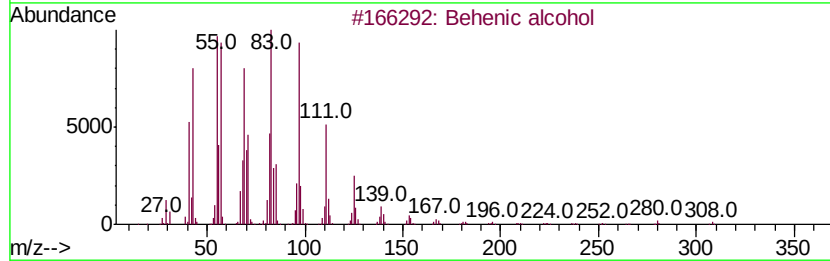
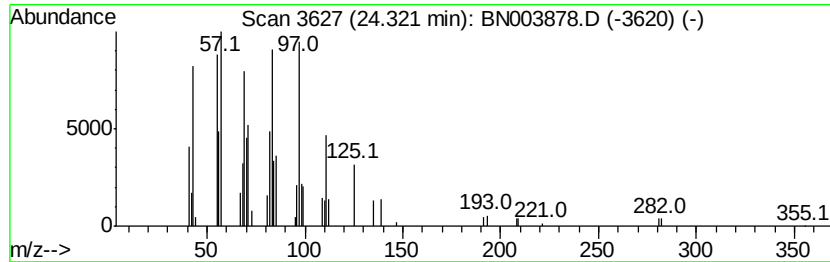
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	2.19 ng/ul	94482	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003878.D
Acq On : 13 Dec 2018 07:04
Operator : JU/SJ
Sample : J6228-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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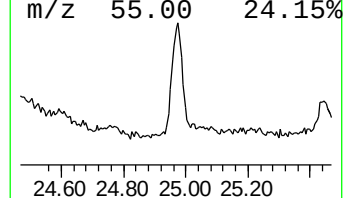
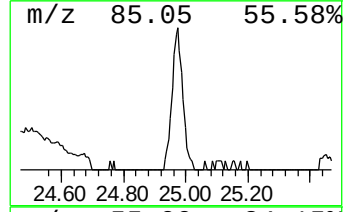
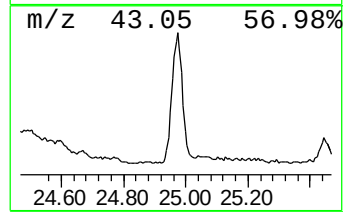
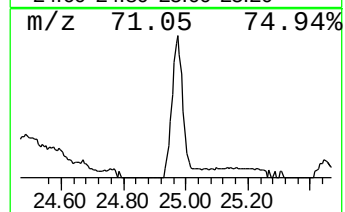
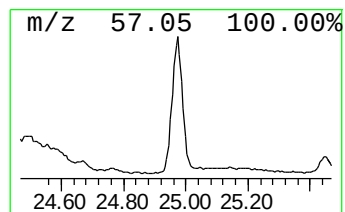
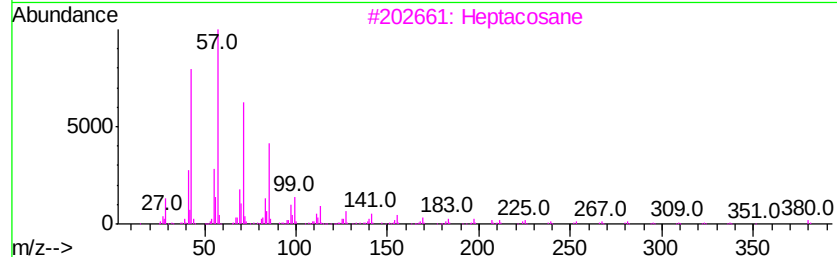
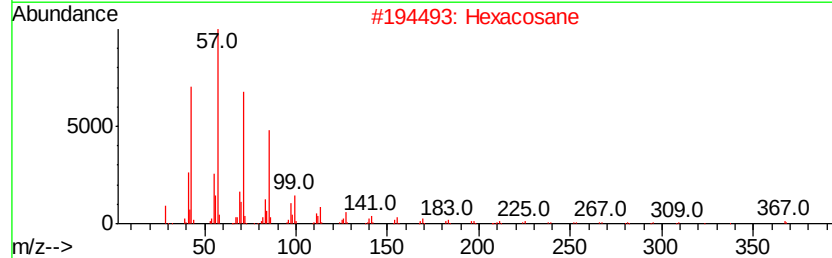
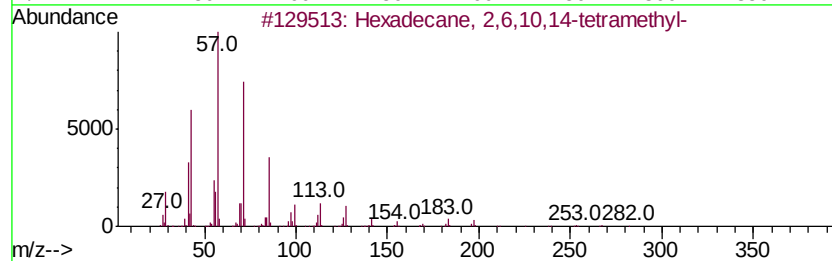
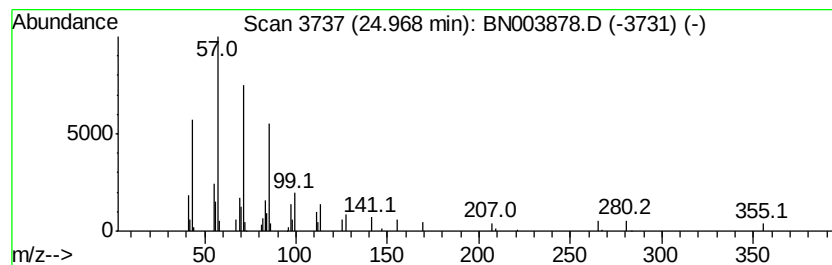
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	2.37 ng/ul	102110	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
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Acq On : 13 Dec 2018 07:04
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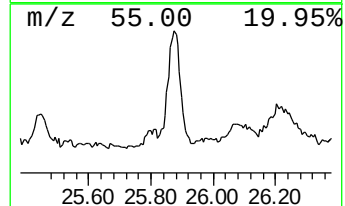
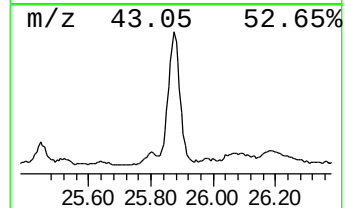
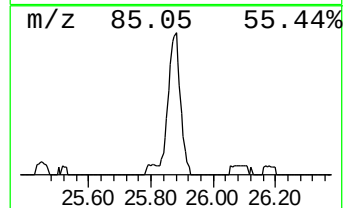
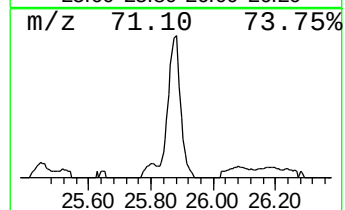
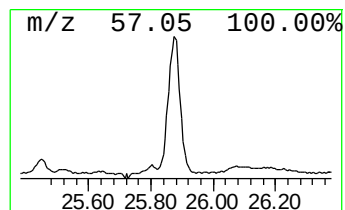
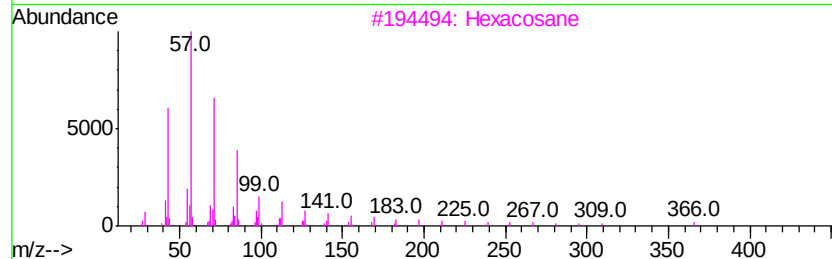
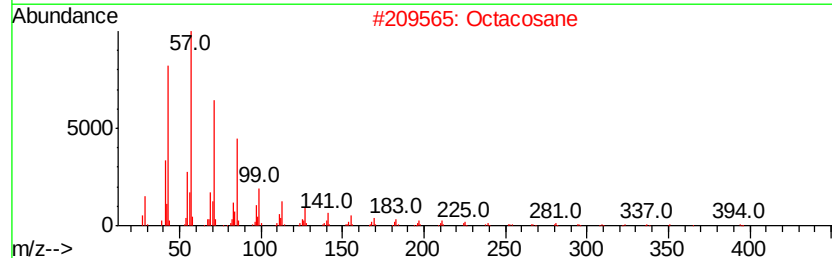
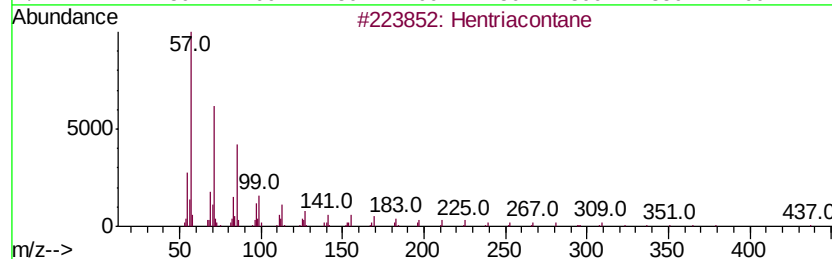
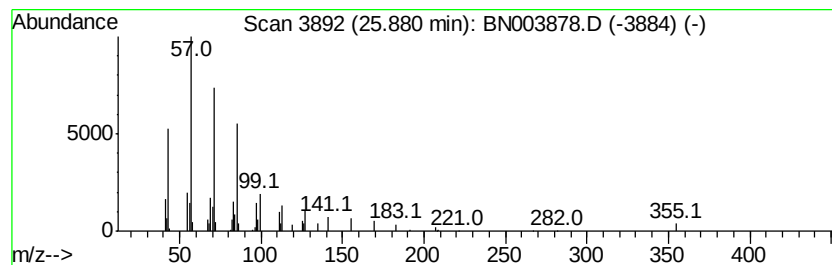
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	3.16 ng/ul	136181	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	94
2			Octacosane	394	C28H58	000630-02-4	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121218\
Data File : BN003878.D
Acq On : 13 Dec 2018 07:04
Operator : JU/SJ
Sample : J6228-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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
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n-Hexadecanoic acid	18.08	2.0	ng/ul	47435	4	17.21	468819	20.0
Hexadecanoic acid...	19.51	3.9	ng/ul	143394	5	21.40	729937	20.0
Octadecanoic acid...	20.56	3.3	ng/ul	120194	5	21.40	729937	20.0
(DEL) Alkane: Cyc...	21.09	2.5	ng/ul	90734	5	21.40	729937	20.0
(DEL) Alkane: Str...	22.96	4.6	ng/ul	197855	6	23.72	863152	20.0
(DEL) Alkane: Str...	24.20	5.8	ng/ul	251542	6	23.72	863152	20.0
Behenic alcohol	24.32	2.2	ng/ul	94482	6	23.72	863152	20.0
(DEL) Alkane: Str...	24.97	2.4	ng/ul	102110	6	23.72	863152	20.0
(DEL) Alkane: Str...	25.88	3.2	ng/ul	136181	6	23.72	863152	20.0