

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102417\
 Data File : BM012435.D
 Acq On : 25 Oct 2017 02:03
 Operator : SJ/JU
 Sample : I5978-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-9

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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	3.287	27	34	40	rVB	19733550	27987699	6.13%	1.645%
2	3.416	51	56	58	rBV	12567483	14318942	3.14%	0.842%
3	3.446	58	61	68	rVV	25780785	27873559	6.10%	1.639%
4	3.740	106	111	126	rVB	9478328	12986696	2.84%	0.763%
5	3.916	134	141	146	rBV3	4395976	8134017	1.78%	0.478%
6	3.987	146	153	162	rBV	8268848	17752768	3.89%	1.044%
7	4.110	168	174	193	rVB3	55035193	104356798	22.85%	6.135%
8	4.446	225	231	243	rBV	26385531	52931180	11.59%	3.112%
9	4.693	254	273	287	rBV5	80446752	456675829	100.00%	26.847%
10	5.016	324	328	332	rBV	7063992	11260104	2.47%	0.662%
11	6.110	509	514	531	rVB	1881150	4656843	1.02%	0.274%
12	7.475	682	746	758	rBV2	18707819	152137224	33.31%	8.944%
13	7.728	776	789	808	rBV4	82381058	364508765	79.82%	21.428%
14	9.639	1103	1114	1117	rBV	13631279	26597195	5.82%	1.564%
15	10.104	1180	1193	1197	rBV	4262486	8352364	1.83%	0.491%
16	10.186	1197	1207	1230	rVV5	2881755	21223753	4.65%	1.248%
17	10.722	1239	1298	1299	rBV	29322018	286271522	62.69%	16.829%
18	11.651	1450	1456	1469	rVB3	3378012	6780199	1.48%	0.399%
19	12.663	1610	1628	1636	rBV	5621666	14323748	3.14%	0.842%
20	13.198	1712	1719	1729	rVB	5479559	9515088	2.08%	0.559%
21	13.957	1842	1848	1855	rVB	3931392	6200252	1.36%	0.364%
22	14.239	1889	1896	1906	rVB	4245291	7881484	1.73%	0.463%
23	14.539	1939	1947	1953	rBV2	3298815	5708651	1.25%	0.336%
24	15.515	2107	2113	2119	rBV	5952025	8702348	1.91%	0.512%
25	17.251	2403	2408	2412	rBV2	4645966	6305652	1.38%	0.371%
26	17.351	2419	2425	2434	rVB2	6124768	9087000	1.99%	0.534%
27	19.633	2805	2813	2825	rBV	7081803	10198569	2.23%	0.600%
28	21.415	3111	3116	3120	rBV	4695469	6030310	1.32%	0.355%
29	23.568	3476	3482	3489	rBV2	3834719	7180443	1.57%	0.422%
30	23.715	3501	3507	3515	rVB	2736340	5111155	1.12%	0.300%

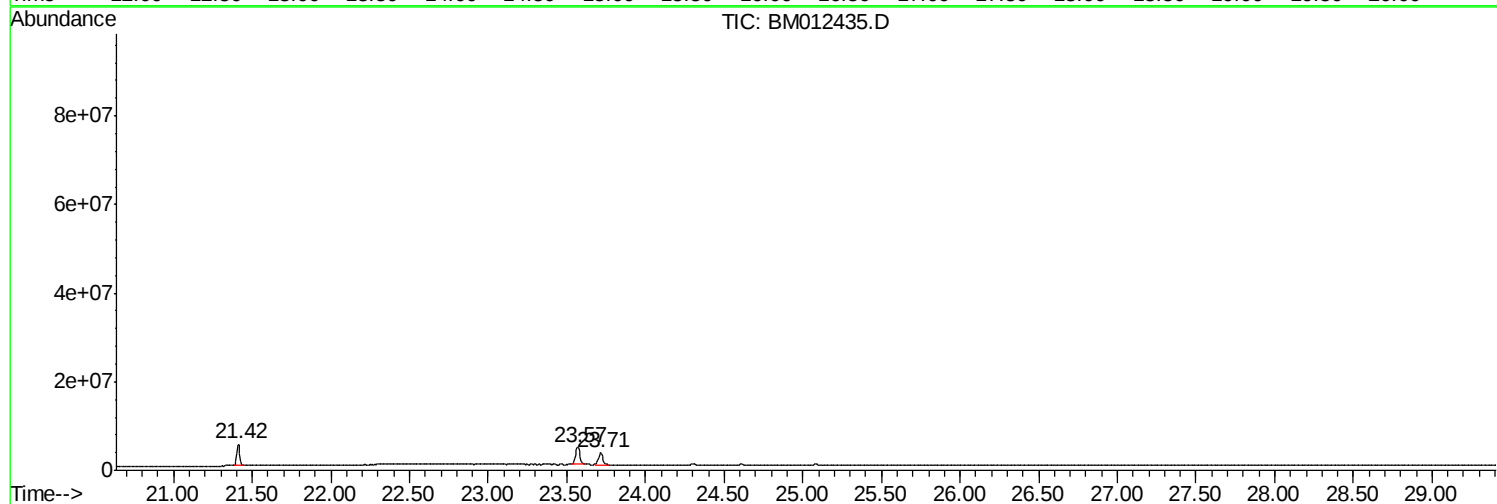
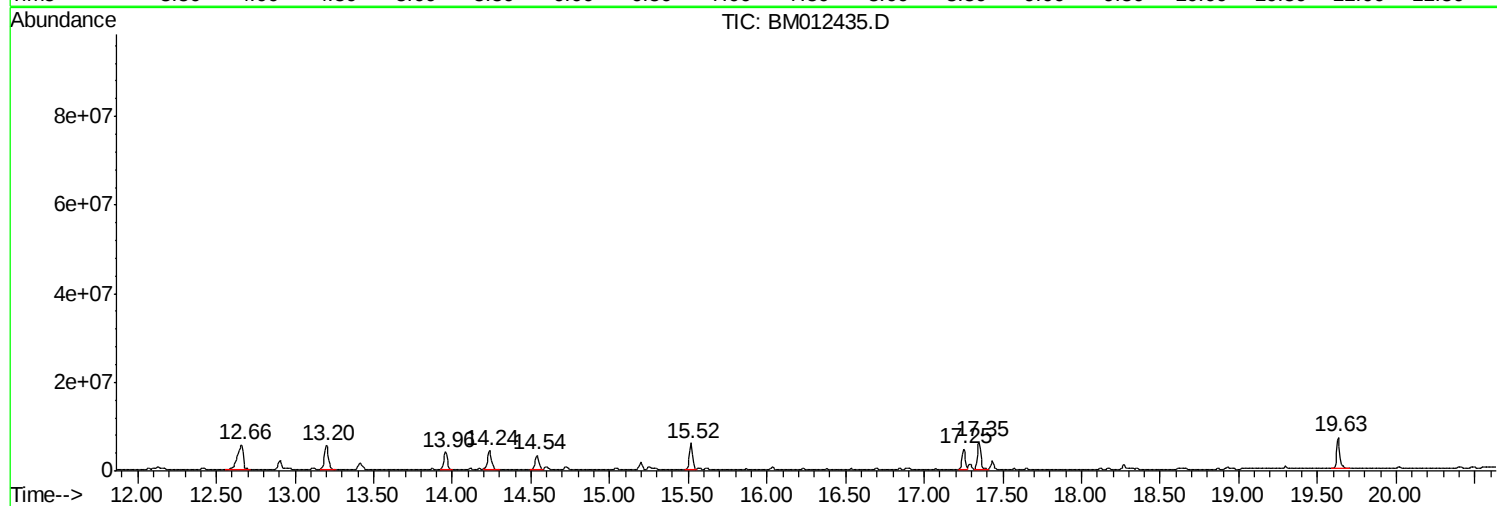
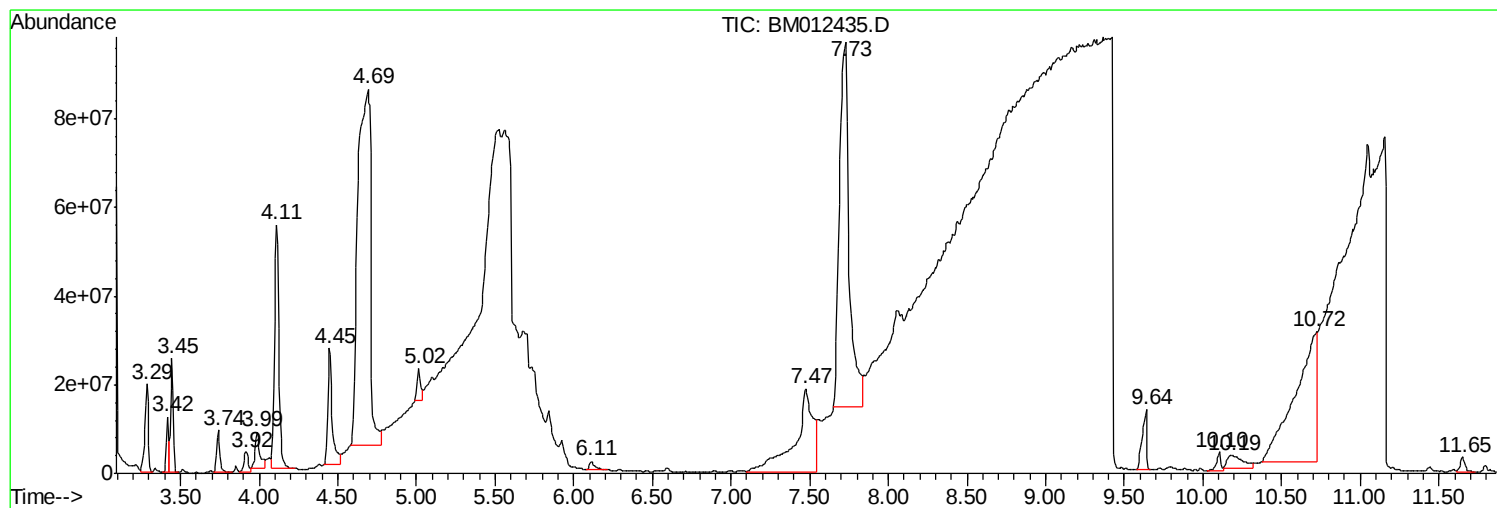
Sum of corrected areas: 1701050157

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102417\
Data File : BM012435.D
Acq On : 25 Oct 2017 02:03
Operator : SJ/JU
Sample : I5978-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
TWP-B-9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\Data\BM102417\
Data File : BM012435.D
Acq On : 25 Oct 2017 02:03
Operator : SJ/JU
Sample : I5978-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

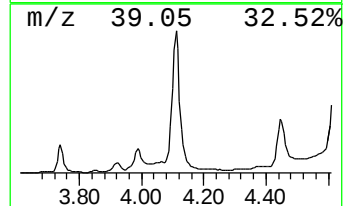
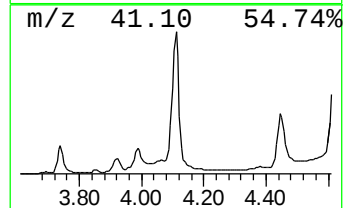
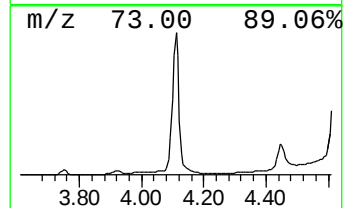
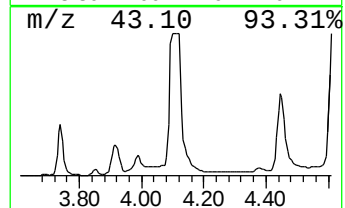
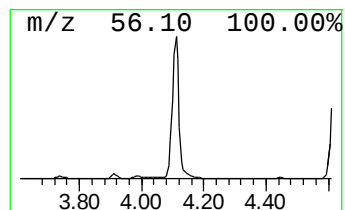
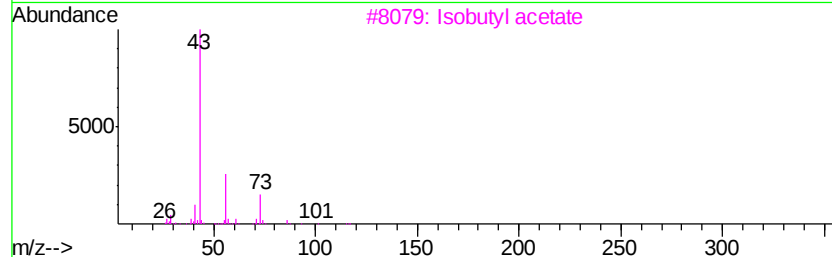
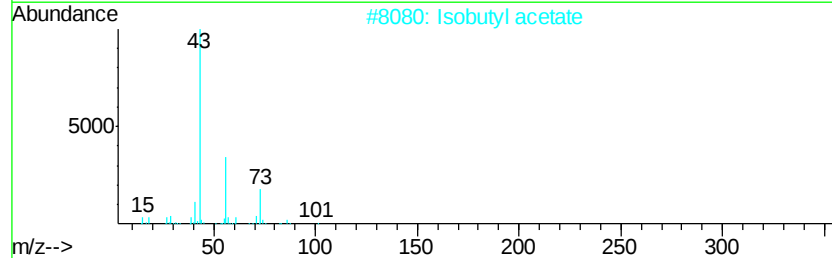
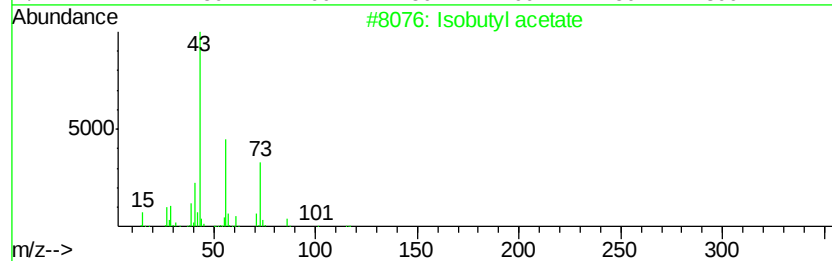
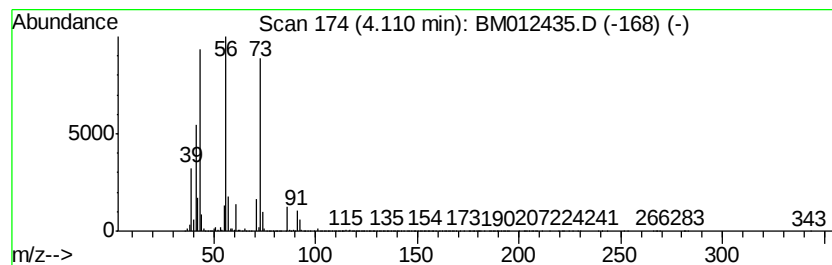
Instrument :
BNA_M
ClientSampleId :
TWP-B-9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Isobutyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	5.73 ng/ul	104357000	1,4-Dichlorobenzene-d4	7.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Isobutyl acetate	116 C6H12O2	000110-19-0	78
2	Isobutyl acetate	116 C6H12O2	000110-19-0	64
3	Isobutyl acetate	116 C6H12O2	000110-19-0	64
4	Isobutyl acetate	116 C6H12O2	000110-19-0	59
5	Furan, tetrahydro-3-methyl-	86 C5H10O	013423-15-9	46



Data Path : Z:\HPCHEM1\BNA_M\Data\BM102417\
Data File : BM012435.D
Acq On : 25 Oct 2017 02:03
Operator : SJ/JU
Sample : I5978-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-9

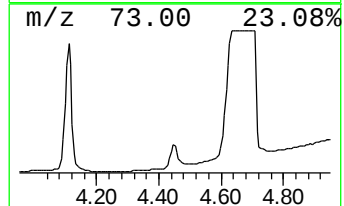
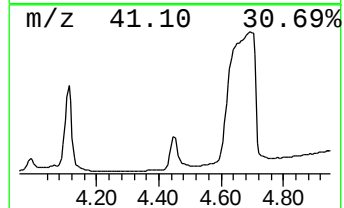
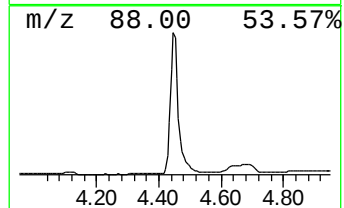
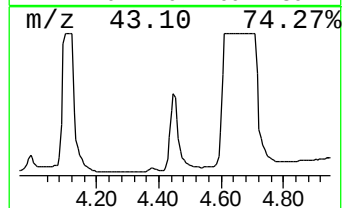
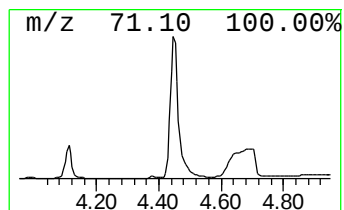
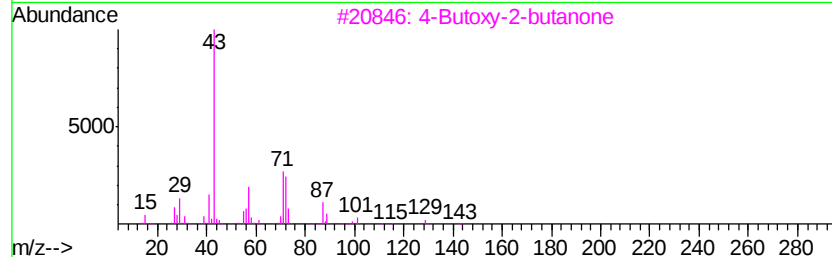
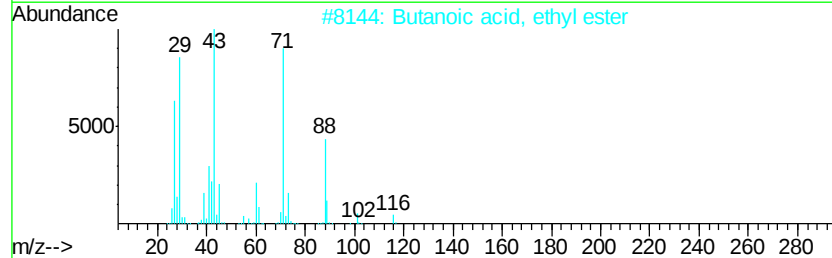
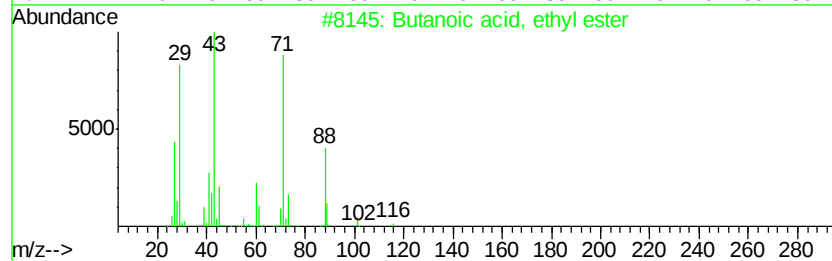
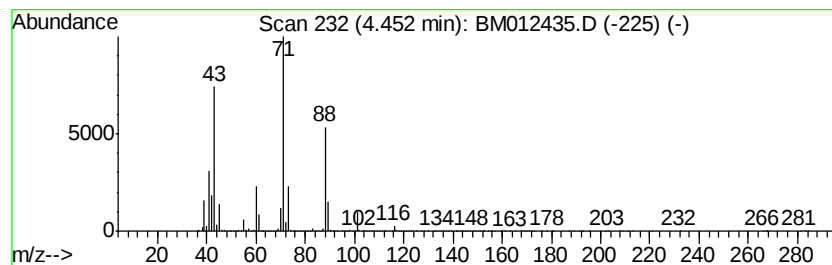
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butanoic acid, ethyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	2.90 ng/ul	52931200	1,4-Dichlorobenzene-d4	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	87
2		Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	83
3		4-Butoxy-2-butanone	144	C8H16O2	030536-44-8	50
4		Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	49
5		Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	43



Data Path : Z:\HPCHEM1\BNA_M\Data\BM102417\
Data File : BM012435.D
Acq On : 25 Oct 2017 02:03
Operator : SJ/JU
Sample : I5978-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-9

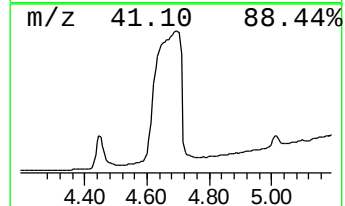
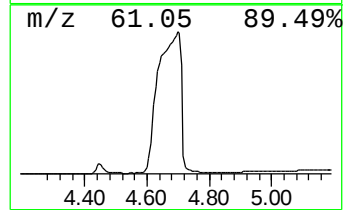
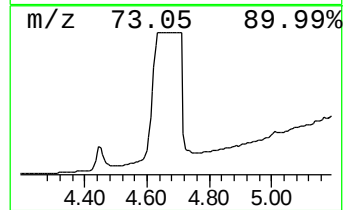
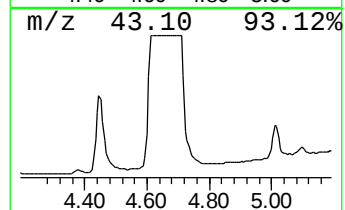
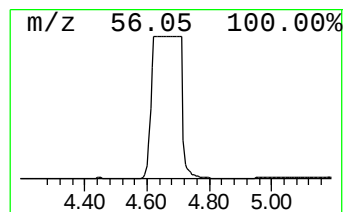
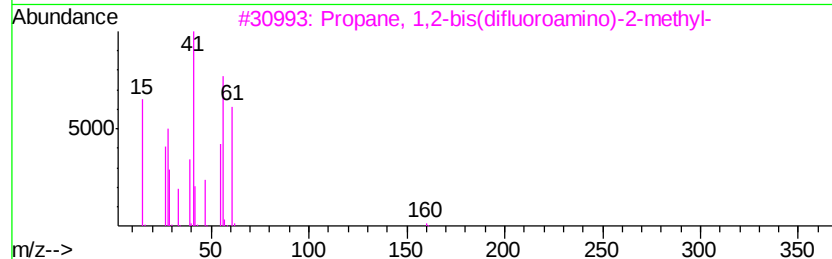
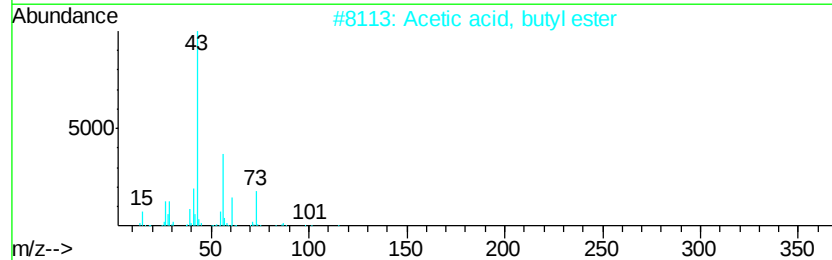
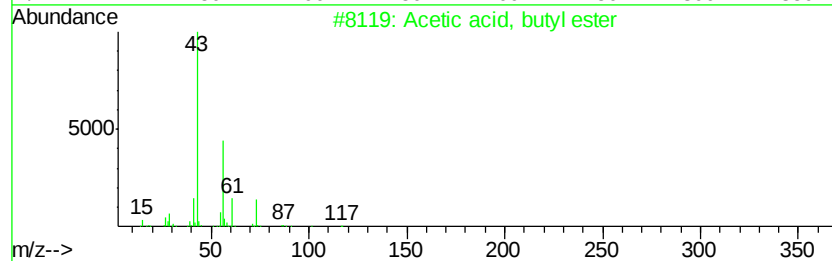
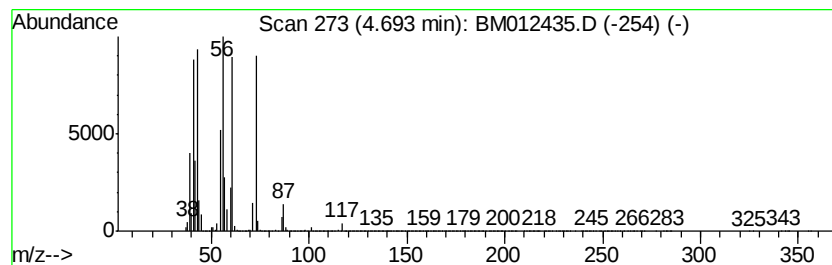
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	25.06 ng/ul	456676000	1,4-Dichlorobenzene-d4	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	43
2		Acetic acid, butyl ester	116	C6H12O2	000123-86-4	38
3		Propane, 1,2-bis(difluoroamino)-...	160	C4H8F4N2	016063-24-4	38
4		Acetic acid, butyl ester	116	C6H12O2	000123-86-4	25
5		Acetic acid, butyl ester	116	C6H12O2	000123-86-4	25



Data Path : Z:\HPCHEM1\BNA_M\Data\BM102417\
Data File : BM012435.D
Acq On : 25 Oct 2017 02:03
Operator : SJ/JU
Sample : I5978-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-9

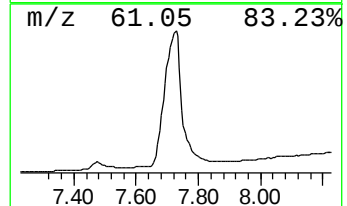
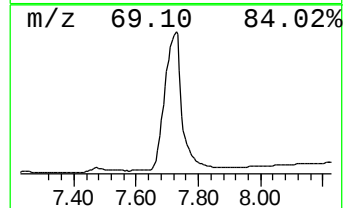
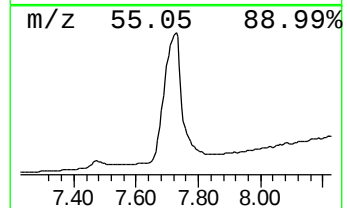
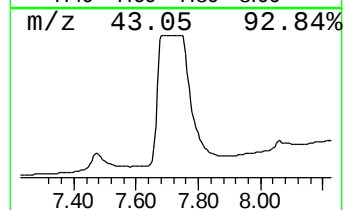
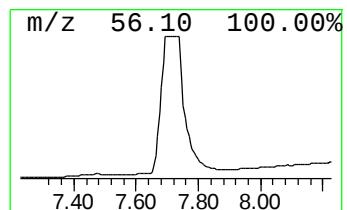
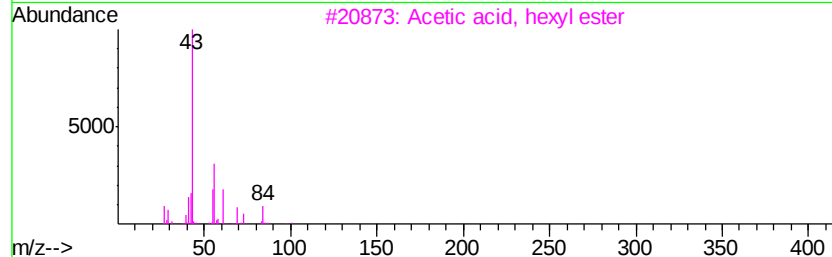
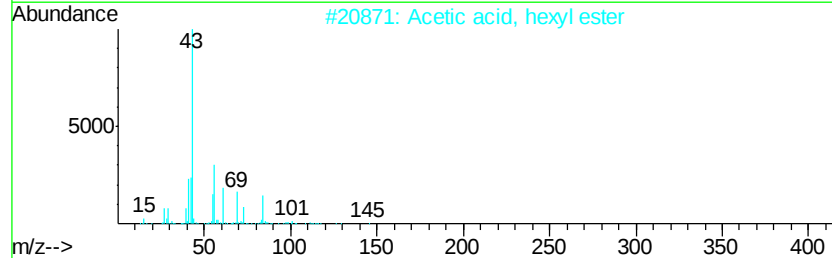
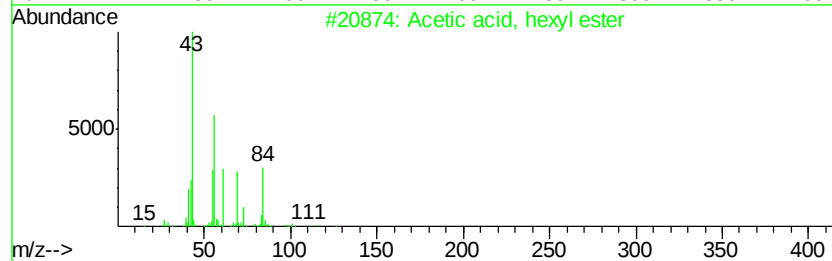
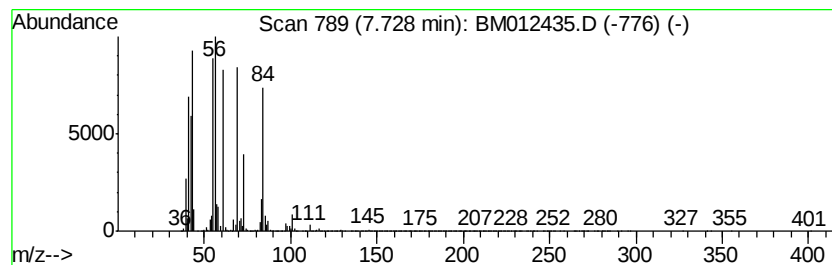
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Acetic acid, hexyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	20.00 ng/ul	364509000	1,4-Dichlorobenzene-d4	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	86
2		Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	72
3		Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	53
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	50
5		(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM102417\
Data File : BM012435.D
Acq On : 25 Oct 2017 02:03
Operator : SJ/JU
Sample : I5978-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-9

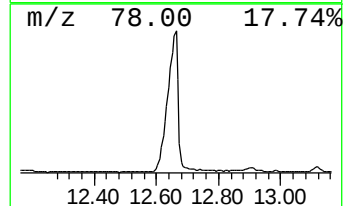
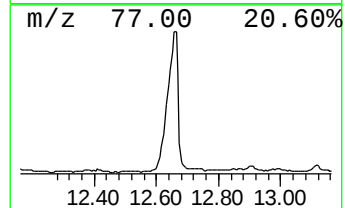
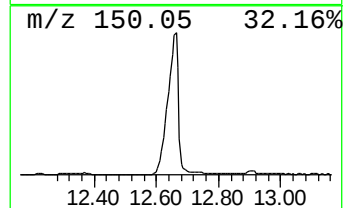
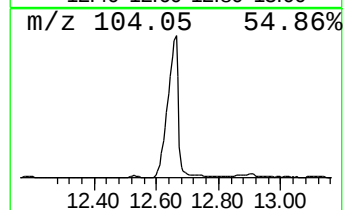
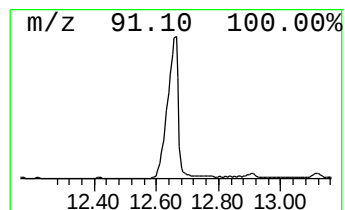
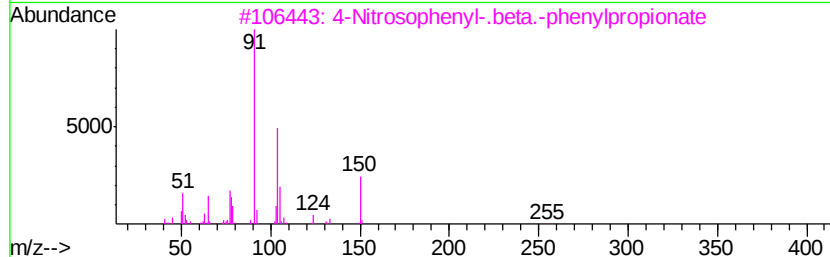
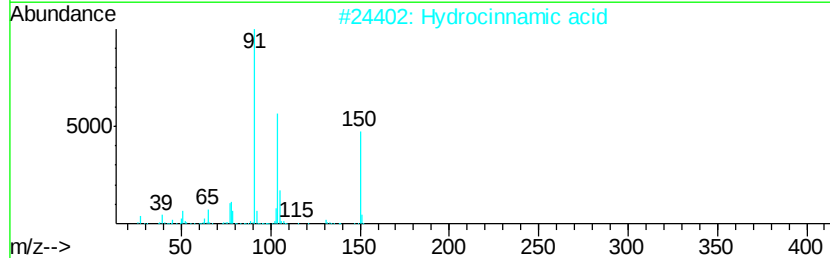
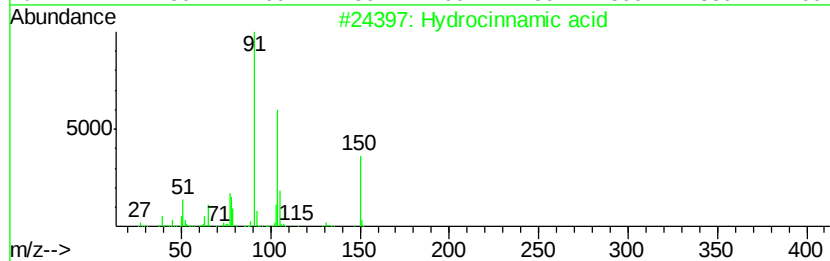
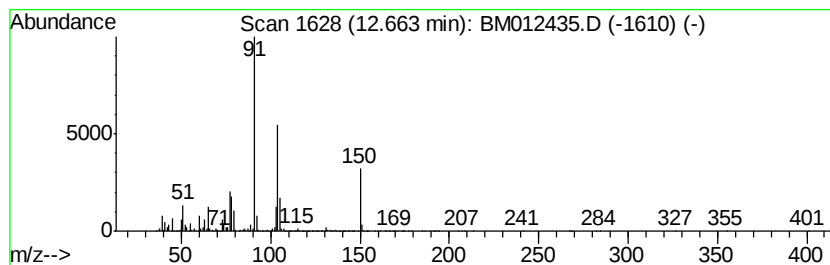
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hydrocinnamic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	50.18 ng/ul	14323700	Acenaphthene-d10	14.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid		150	C9H10O2	000501-52-0	96
2	Hydrocinnamic acid		150	C9H10O2	000501-52-0	90
3	4-Nitrosophenyl-.beta.-phenylpro...		255	C15H13NO3	1000129-40-0	90
4	Hydrocinnamic acid		150	C9H10O2	000501-52-0	87
5	Hydrocinnamic acid		150	C9H10O2	000501-52-0	74



Data Path : Z:\HPCHEM1\BNA_M\Data\BM102417\
Data File : BM012435.D
Acq On : 25 Oct 2017 02:03
Operator : SJ/JU
Sample : I5978-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

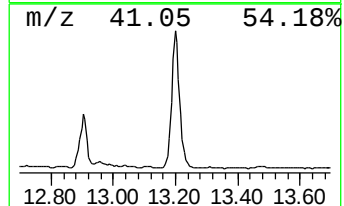
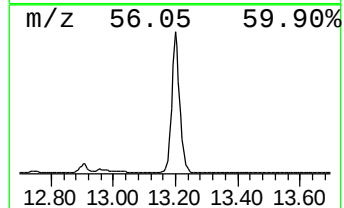
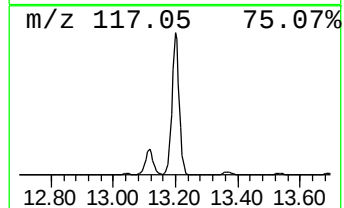
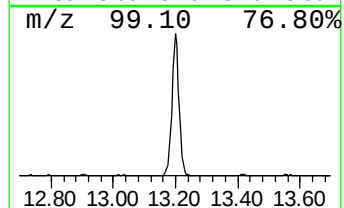
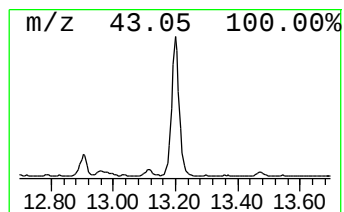
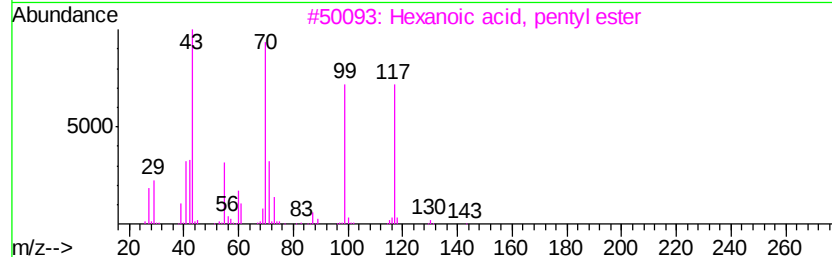
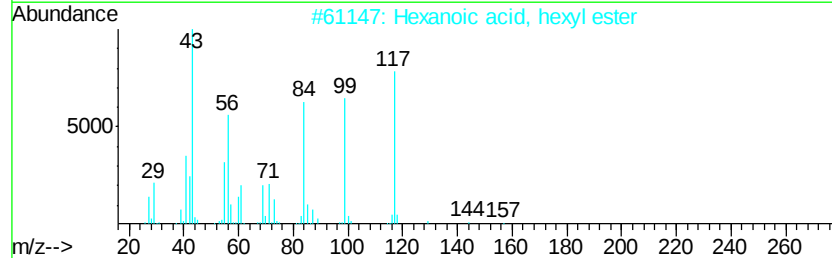
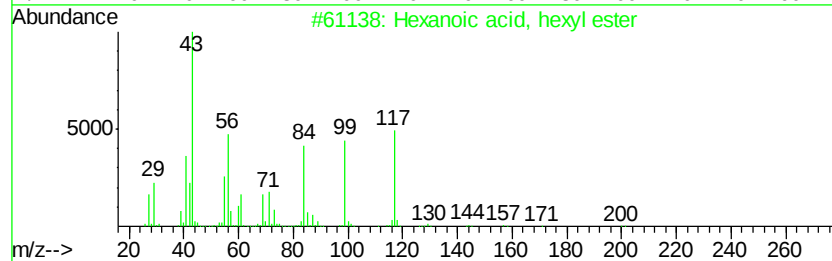
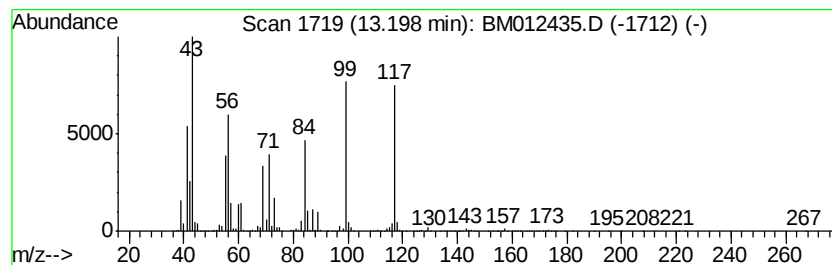
Instrument :
BNA_M
ClientSampleId :
TWP-B-9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Hexanoic acid, hexyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	33.34 ng/ul	9515090	Acenaphthene-d10	14.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexanoic acid, hexyl ester	200 C12H24O2	006378-65-0	90
2	Hexanoic acid, hexyl ester	200 C12H24O2	006378-65-0	53
3	Hexanoic acid, pentyl ester	186 C11H22O2	000540-07-8	47
4	2-Ethylbutyric acid, hexyl ester	200 C12H24O2	1000369-45-5	43
5	Hexanoic acid, hexyl ester	200 C12H24O2	006378-65-0	43



Data Path : Z:\HPCHEM1\BNA_M\Data\BM102417\
Data File : BM012435.D
Acq On : 25 Oct 2017 02:03
Operator : SJ/JU
Sample : I5978-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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
Isobutyl acetate	4.11	5.7	ng/ul	104357000	1	7.90	364509000	20.0
Butanoic acid, et...	4.45	2.9	ng/ul	52931200	1	7.90	364509000	20.0
unknown-01	4.69	25.1	ng/ul	456676000	1	7.90	364509000	20.0
Acetic acid, hexy...	7.73	20.0	ng/ul	364509000	1	7.90	364509000	20.0
Hydrocinnamic acid	12.66	50.2	ng/ul	14323700	3	14.54	5708650	20.0
Hexanoic acid, he...	13.20	33.3	ng/ul	9515090	3	14.54	5708650	20.0