

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005404.D
 Acq On : 12 May 2016 01:33
 Operator : UM/SJ
 Sample : H2846-01 25X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

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\SOM02.2-EPA-BM050516.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	3.669	142	167	170	rBV	131152	605050	2.23%	0.770%
2	4.081	200	237	246	rBV	212069	1294461	4.77%	1.647%
3	7.098	692	750	752	rBV	482808	4639814	17.09%	5.902%
4	7.128	752	755	760	rVV	220598	295897	1.09%	0.376%
5	7.757	856	862	871	rBV	212775	341616	1.26%	0.435%
6	9.951	1209	1235	1262	rBV2	302177	1347815	4.96%	1.714%
7	10.545	1329	1336	1348	rBV	320990	546677	2.01%	0.695%
8	13.839	1888	1896	1911	rBV	1084117	1802969	6.64%	2.293%
9	14.398	1985	1991	1999	rBV2	494232	764503	2.82%	0.972%
10	14.851	2058	2068	2090	rBV	865787	1767948	6.51%	2.249%
11	15.492	2170	2177	2190	rBV	833175	1145339	4.22%	1.457%
12	16.574	2352	2361	2389	rBV	1370597	2565553	9.45%	3.263%
13	17.145	2452	2458	2468	rBV2	597264	907381	3.34%	1.154%
14	17.998	2584	2603	2609	rBV3	2859743	11562607	42.58%	14.707%
15	18.115	2613	2623	2678	rVB	3826841	13652622	50.27%	17.366%
16	19.274	2793	2820	2823	rBV2	5515172	27155943	100.00%	34.542%
17	19.374	2834	2837	2875	rVB2	1889074	4407081	16.23%	5.606%
18	20.333	2994	3000	3010	rBV2	308876	712480	2.62%	0.906%
19	20.427	3011	3016	3044	rVB2	450879	1131170	4.17%	1.439%
20	21.256	3152	3157	3162	rBV3	237186	449957	1.66%	0.572%
21	21.339	3167	3171	3180	rVB	630021	846250	3.12%	1.076%
22	23.603	3550	3556	3567	rVB2	354309	674741	2.48%	0.858%

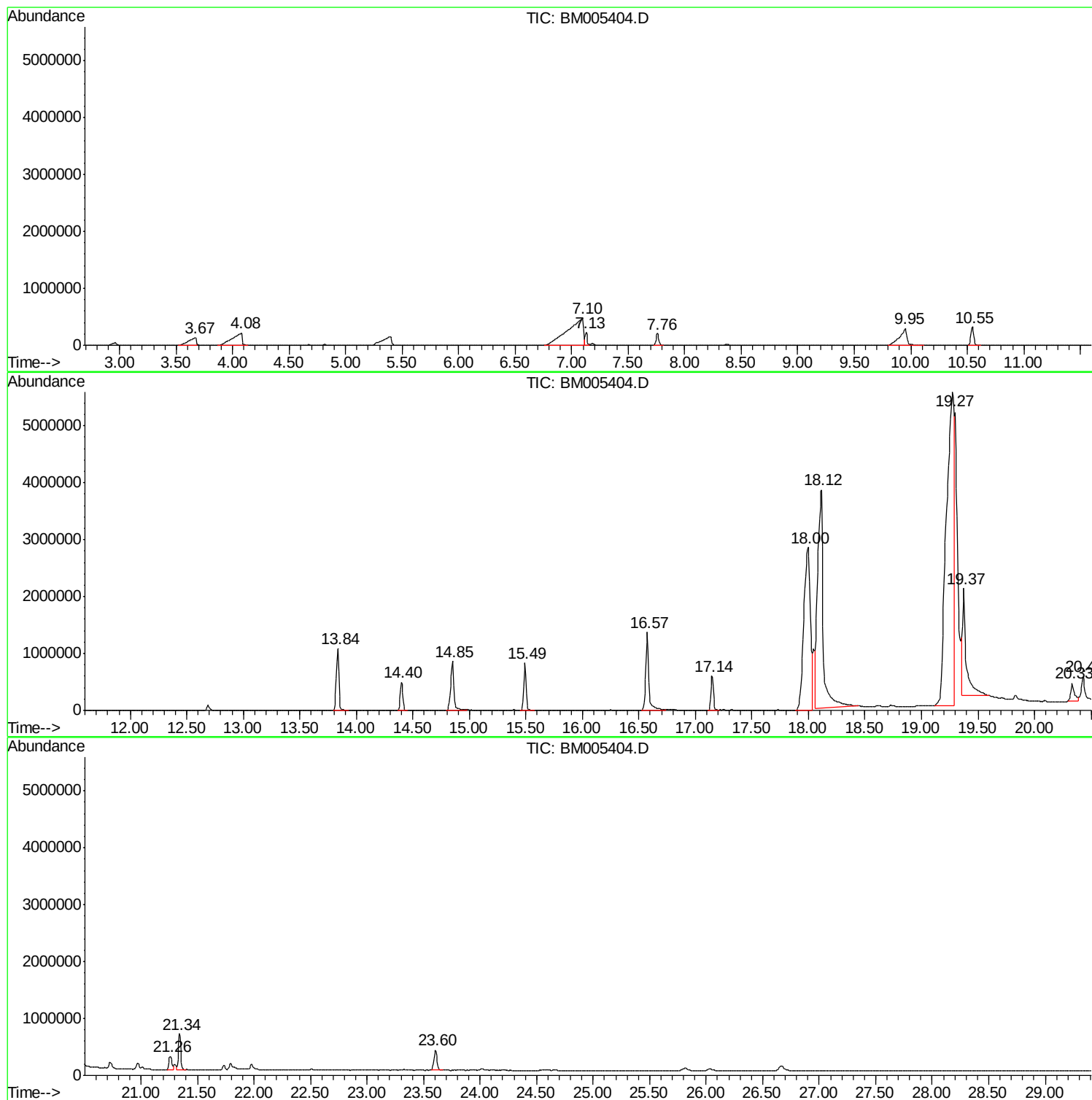
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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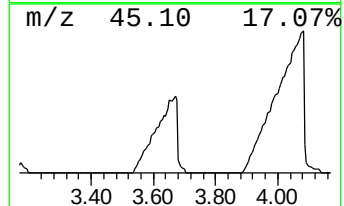
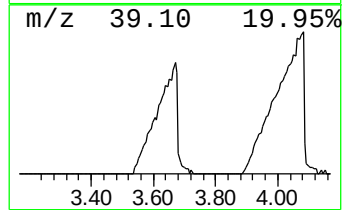
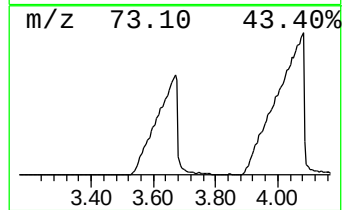
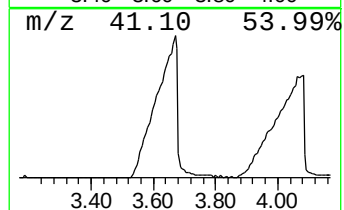
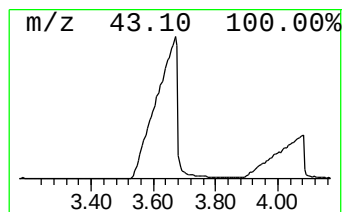
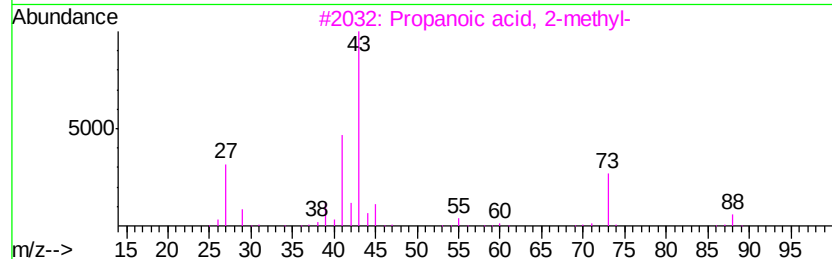
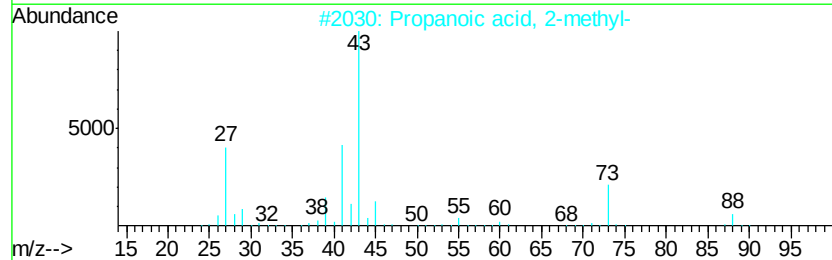
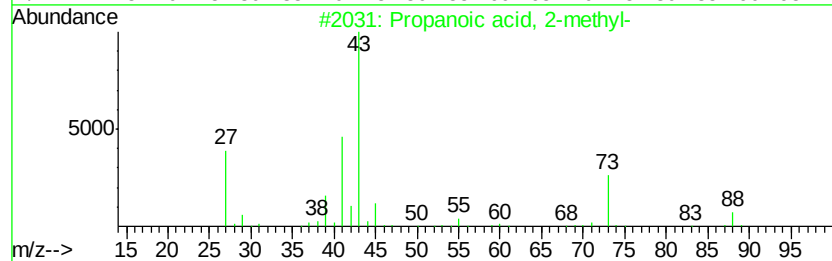
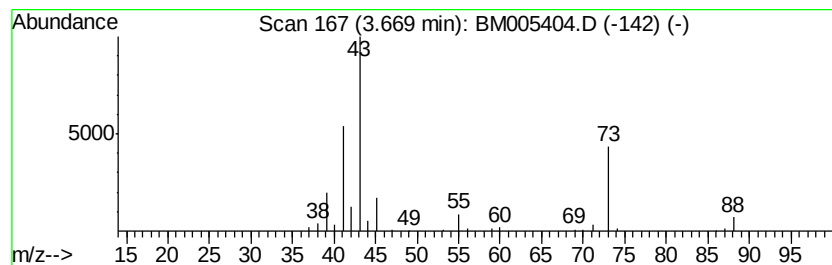
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propanoic acid, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.67	35.42 ng/ul	605050	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	90
2		Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	90
3		Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	90
4		Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	83
5		Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	59



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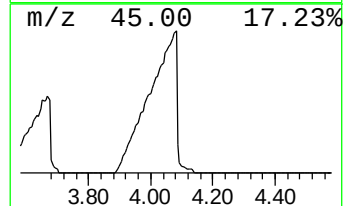
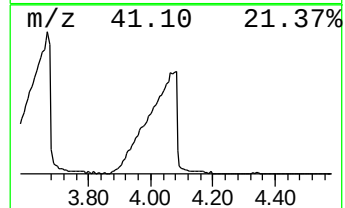
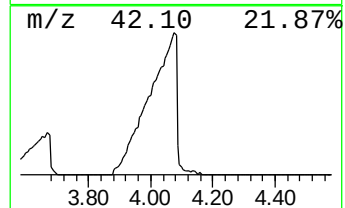
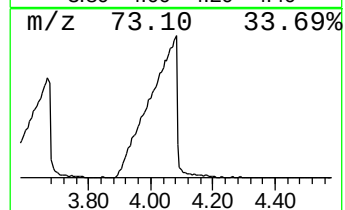
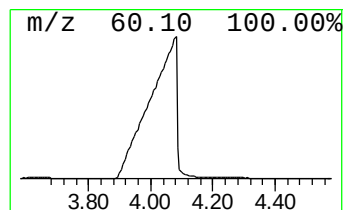
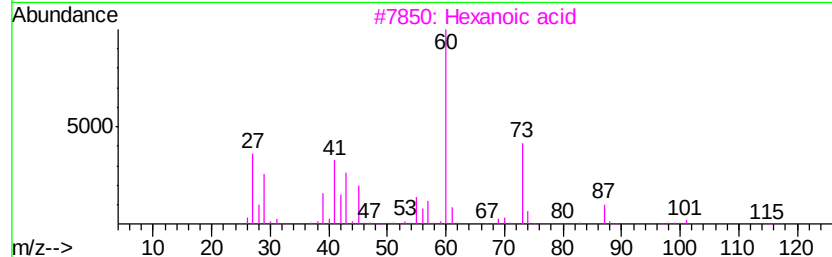
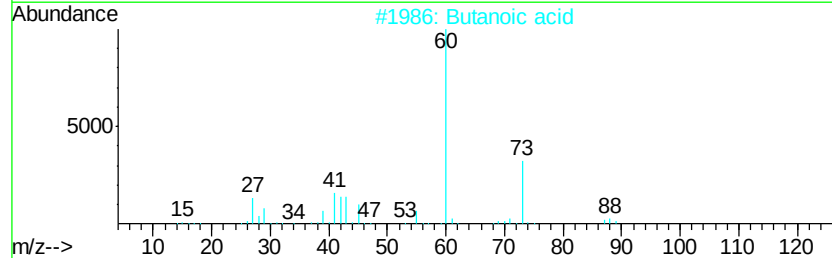
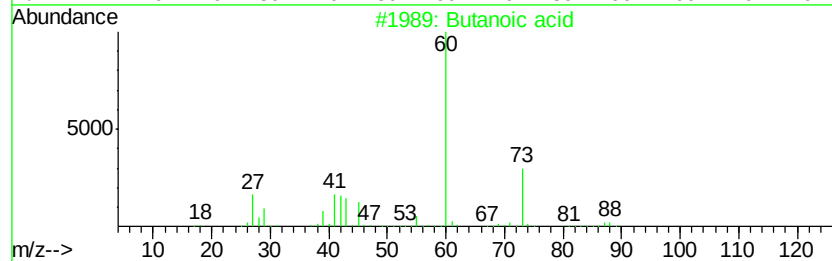
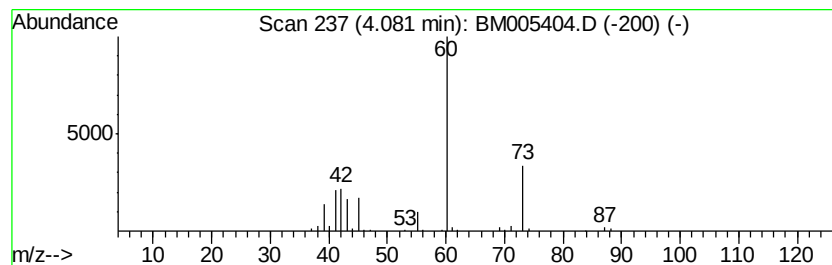
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Peak Number 2 Butanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	75.78 ng/ul	1294460	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid	88	C4H8O2	000107-92-6	86
2			Butanoic acid	88	C4H8O2	000107-92-6	72
3			Hexanoic acid	116	C6H12O2	000142-62-1	9
4			4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9
5			Benserazide	257	C10H15N3O5	000322-35-0	9



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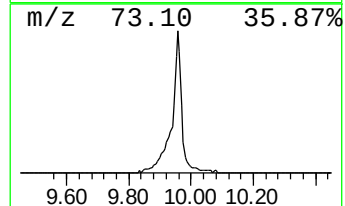
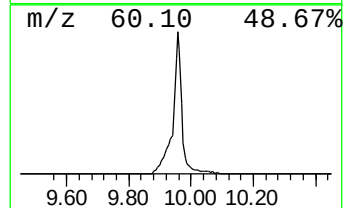
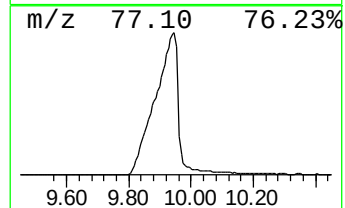
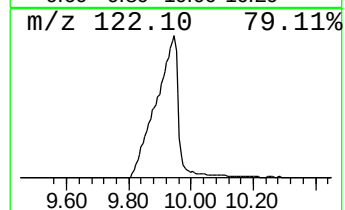
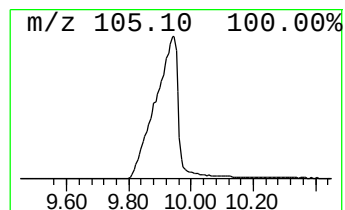
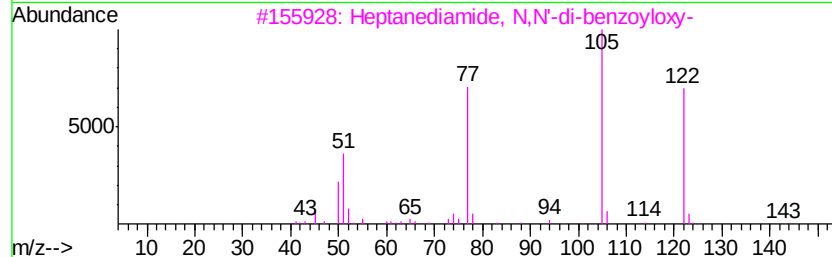
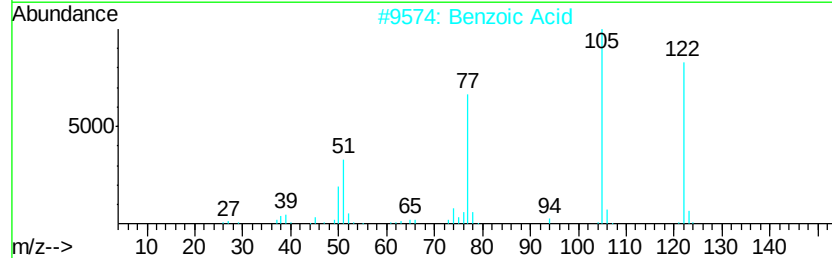
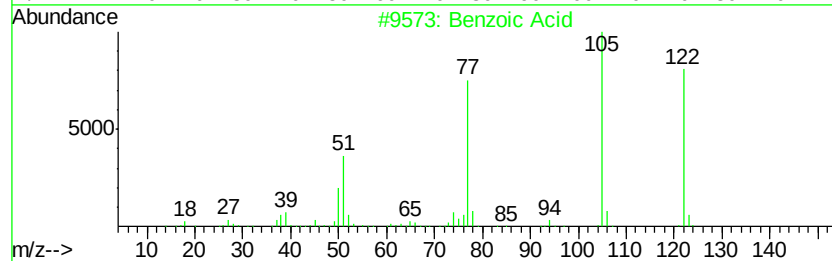
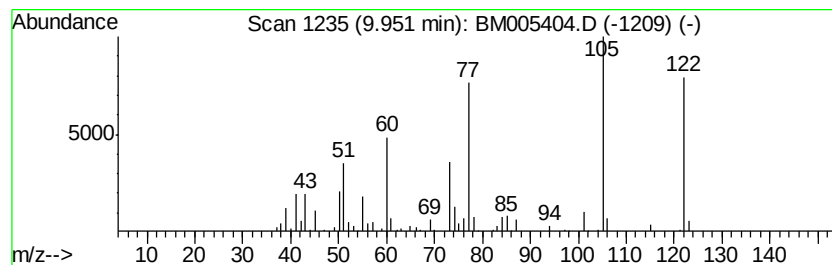
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Peak Number 3 Benzoic Acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	49.31 ng/ul	1347820	Naphthalene-d8	10.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic Acid		122	C7H6O2	000065-85-0	96
2	Benzoic Acid		122	C7H6O2	000065-85-0	96
3	Heptanediamide, N,N'-di-benzoyloxy-		398	C21H22N2O6	1000253-26-4	64
4	Cyclobutane-1,1-dicarboxamide, N...		382	C20H18N2O6	1000253-25-3	64
5	Benzoic Acid		122	C7H6O2	000065-85-0	59



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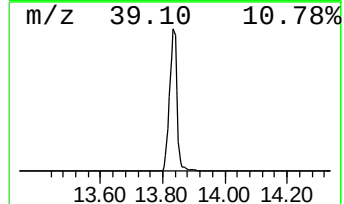
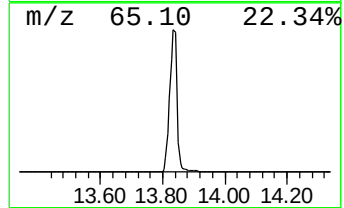
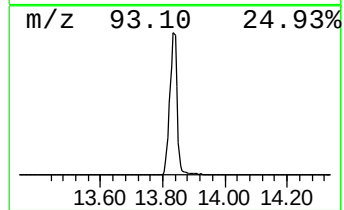
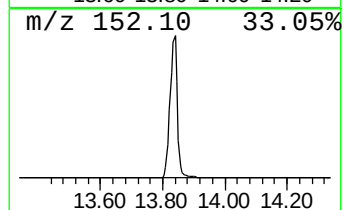
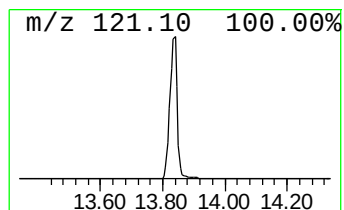
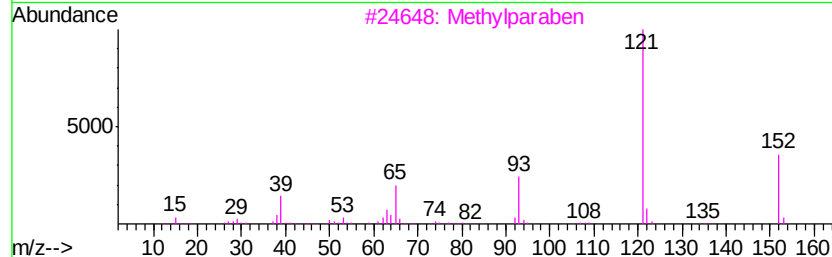
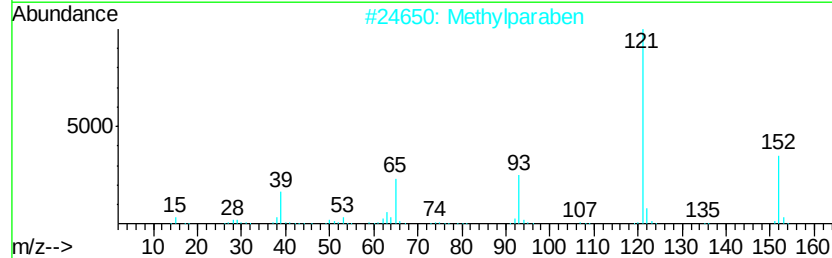
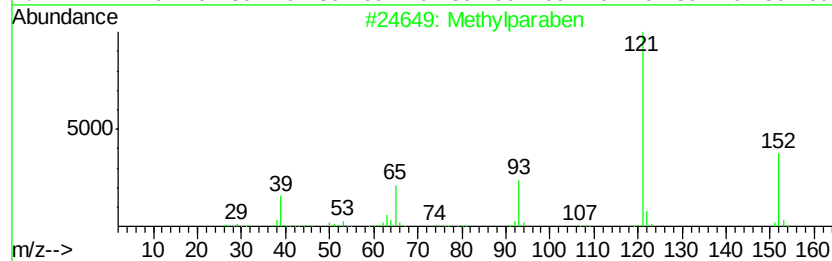
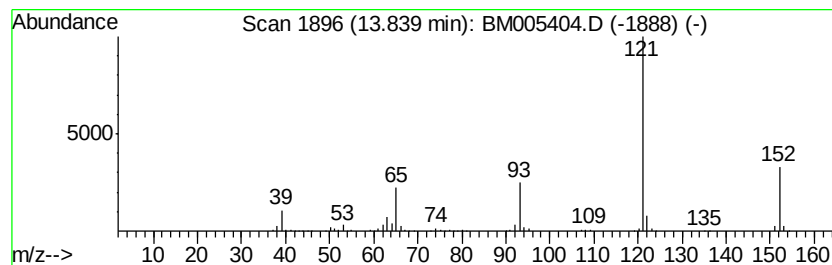
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Methylparaben Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	47.17 ng/ul	1802970	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylparaben	152	C8H8O3	000099-76-3	97
2		Methylparaben	152	C8H8O3	000099-76-3	95
3		Methylparaben	152	C8H8O3	000099-76-3	95
4		Benzoic acid, 2-hydroxy-, hydrazide	152	C7H8N2O2	000936-02-7	90
5		Benzoic acid, 2-hydroxy-, hydrazide	152	C7H8N2O2	000936-02-7	90



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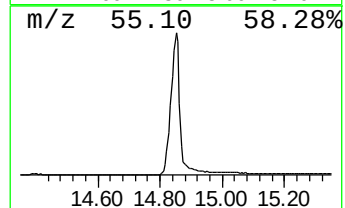
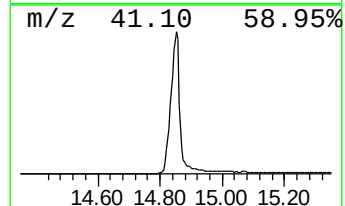
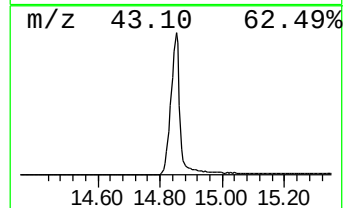
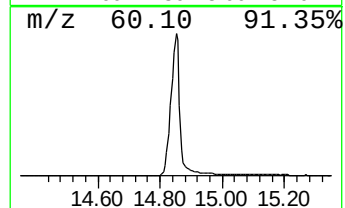
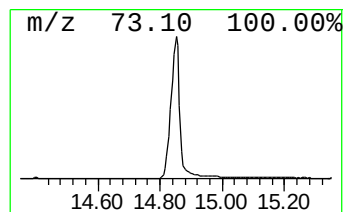
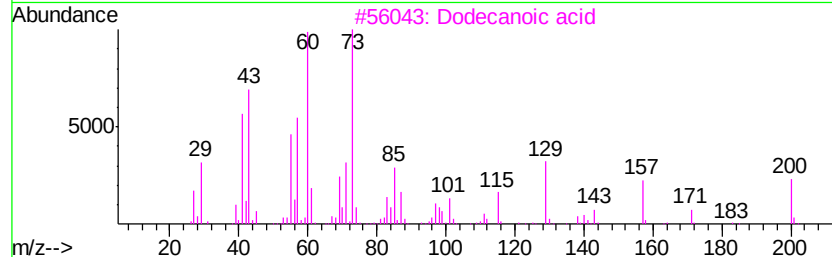
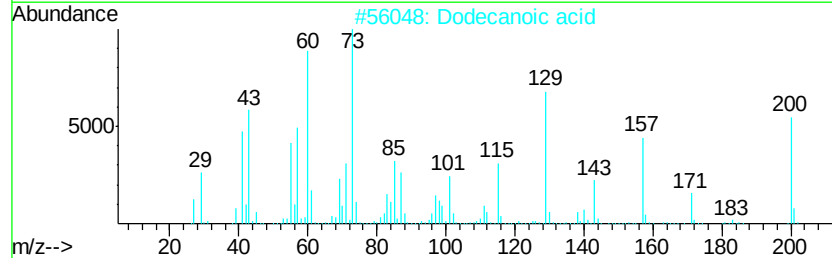
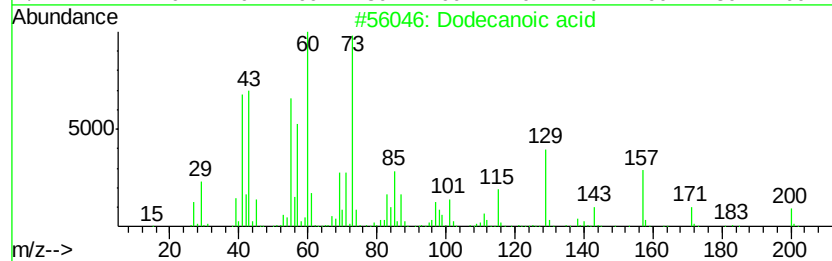
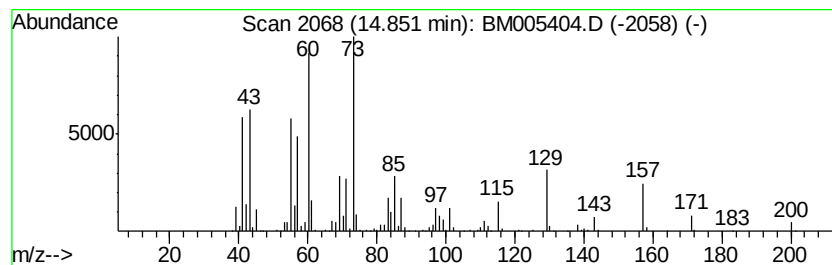
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Peak Number 5 Dodecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	46.25 ng/ul	1767950	Acenaphthene-d10	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	98
2			Dodecanoic acid	200	C12H24O2	000143-07-7	93
3			Dodecanoic acid	200	C12H24O2	000143-07-7	91
4			Dodecanoic acid	200	C12H24O2	000143-07-7	91
5			Undecanoic acid	186	C11H22O2	000112-37-8	72



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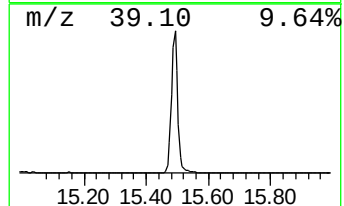
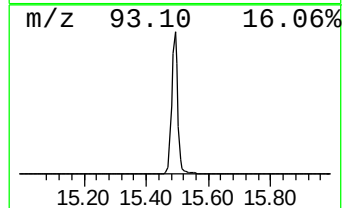
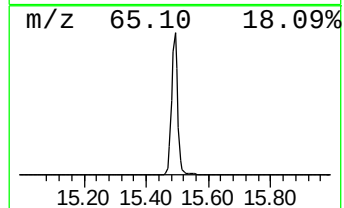
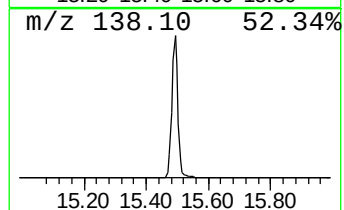
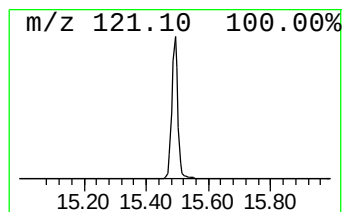
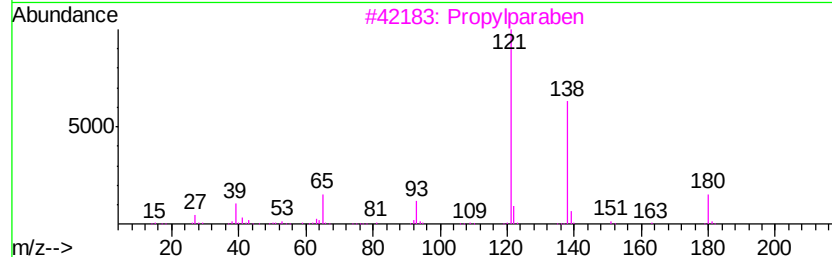
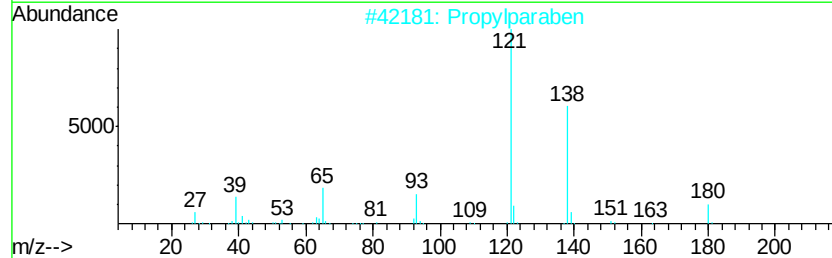
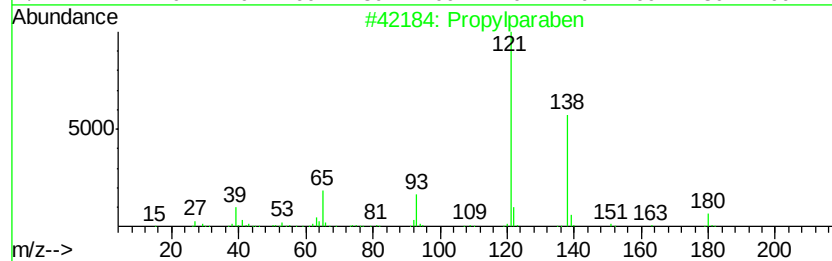
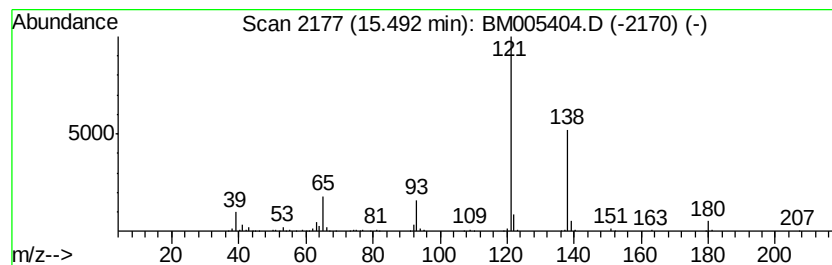
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Propylparaben Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	29.96 ng/ul	1145340	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Propylparaben	180 C10H12O3	000094-13-3	96
2	Propylparaben	180 C10H12O3	000094-13-3	91
3	Propylparaben	180 C10H12O3	000094-13-3	91
4	Propylparaben	180 C10H12O3	000094-13-3	91
5	Benzoic acid, 4-hydroxy-	138 C7H6O3	000099-96-7	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
Data File : BM005404.D
Acq On : 12 May 2016 01:33
Operator : UM/SJ
Sample : H2846-01 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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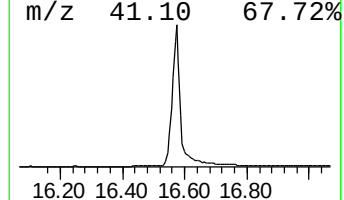
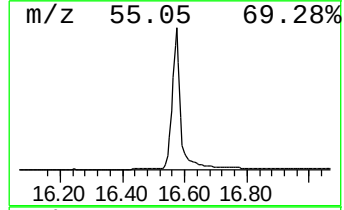
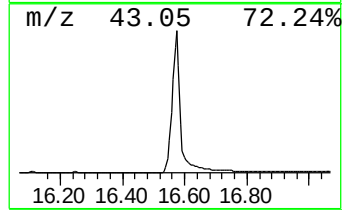
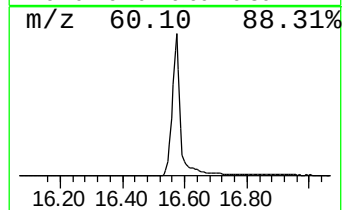
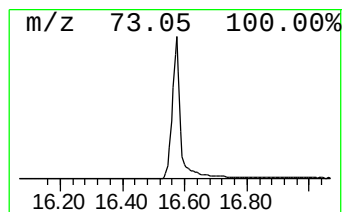
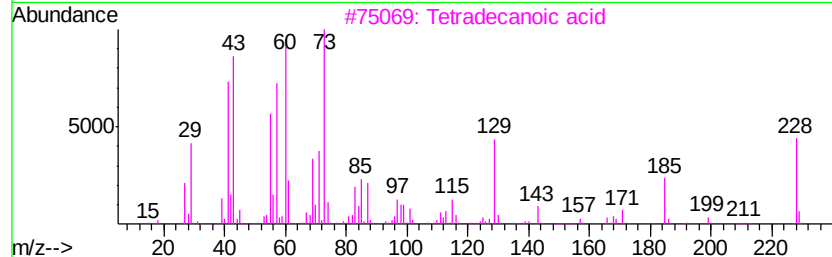
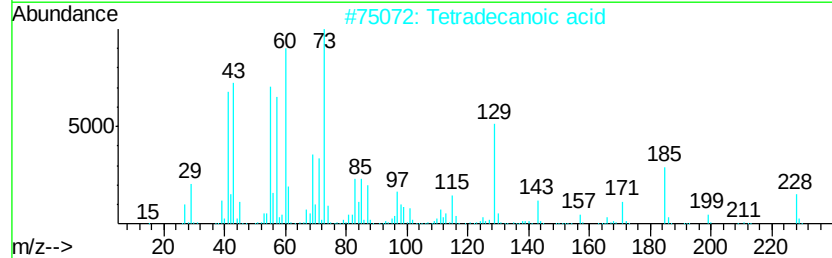
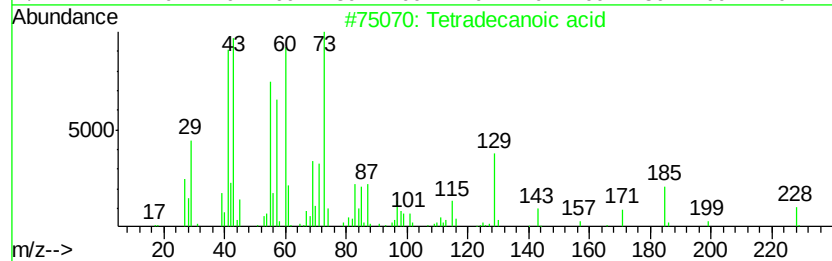
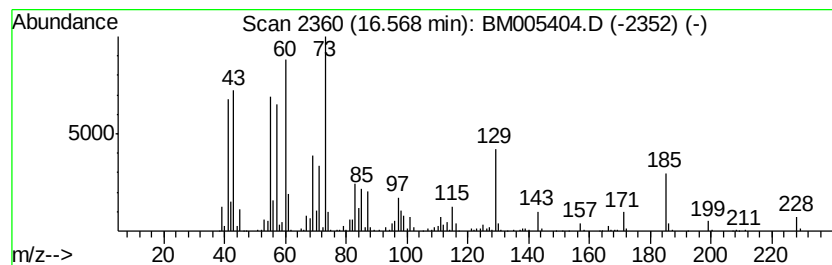
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	56.55 ng/ul	2565550	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	97
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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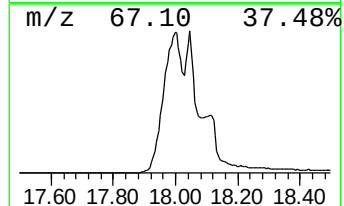
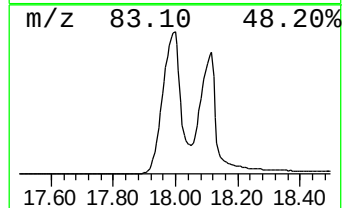
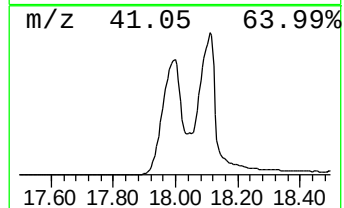
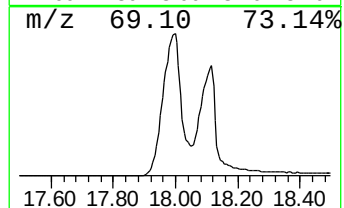
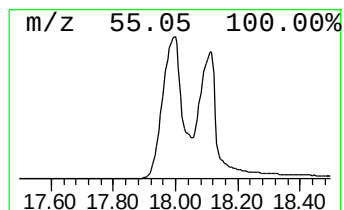
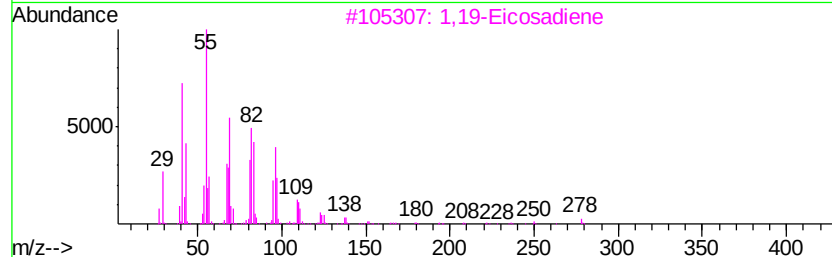
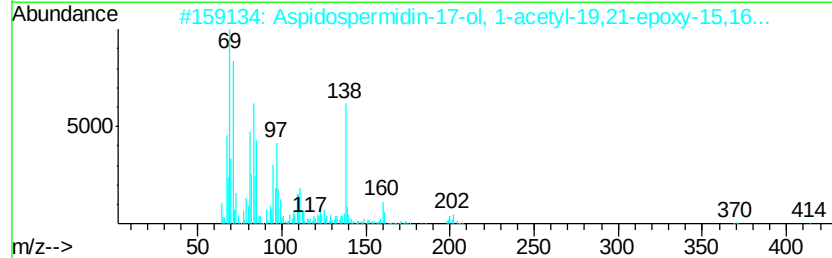
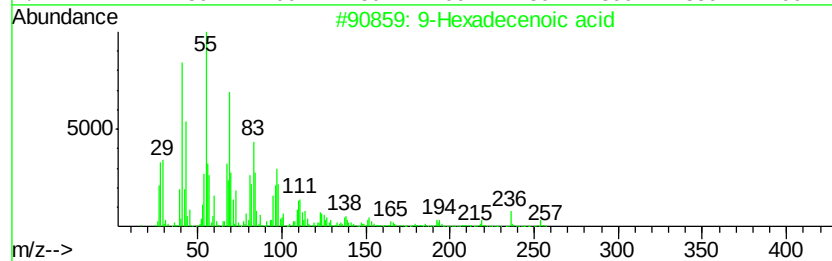
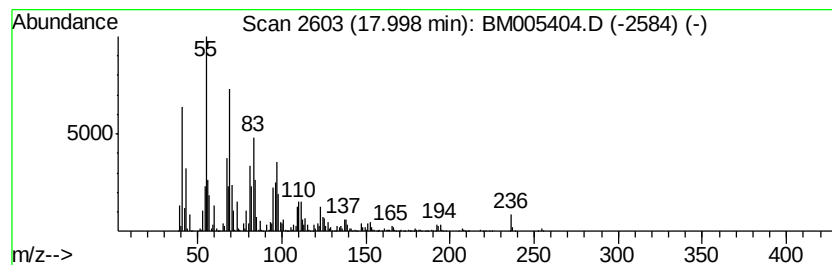
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9-Hexadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	254.86 ng/ul	11562600	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	78
2		Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	74
3		1,19-Eicosadiene	278	C20H38	014811-95-1	62
4		1,9-Tetradecadiene	194	C14H26	112929-06-3	53
5		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
Data File : BM005404.D
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Operator : UM/SJ
Sample : H2846-01 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

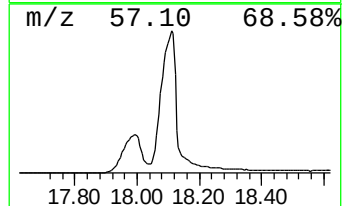
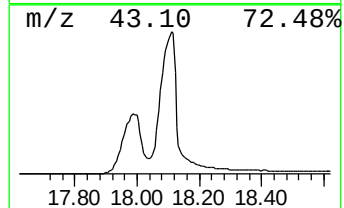
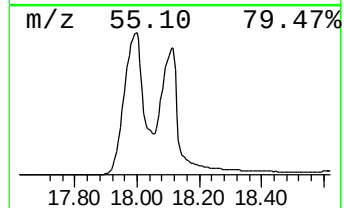
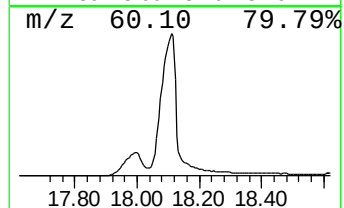
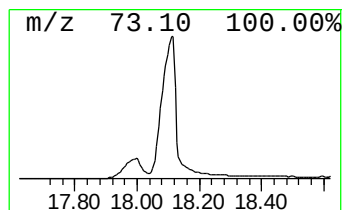
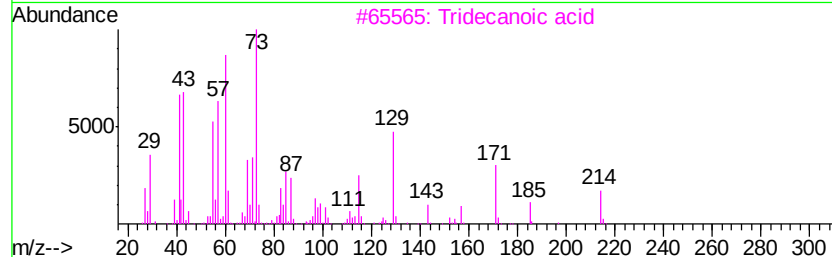
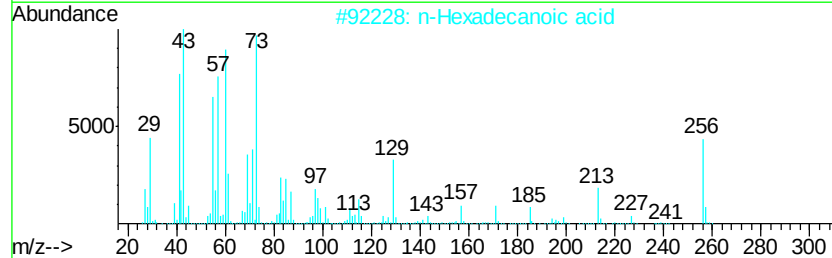
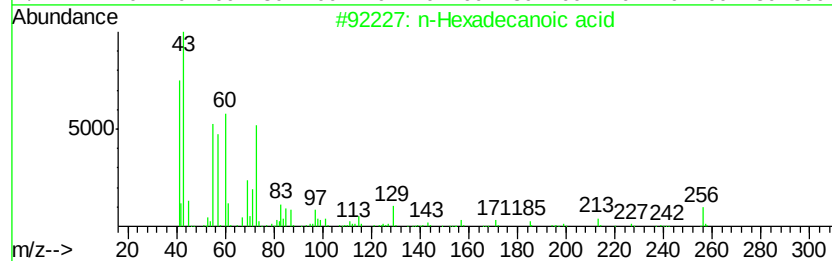
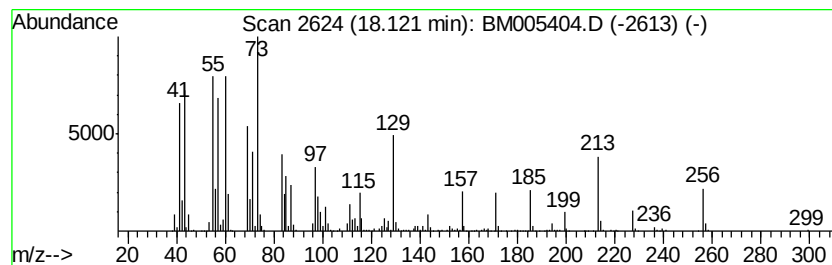
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.12	300.92 ng/ul	13652600	Phenanthrene-d10	17.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
Data File : BM005404.D
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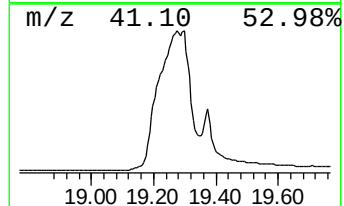
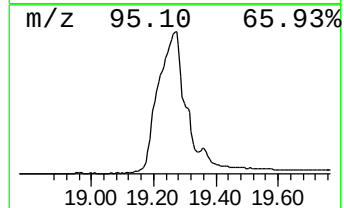
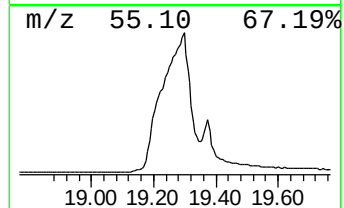
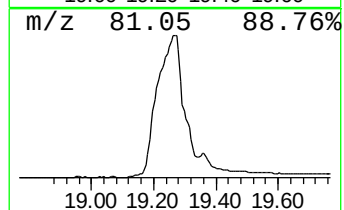
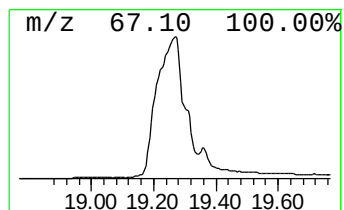
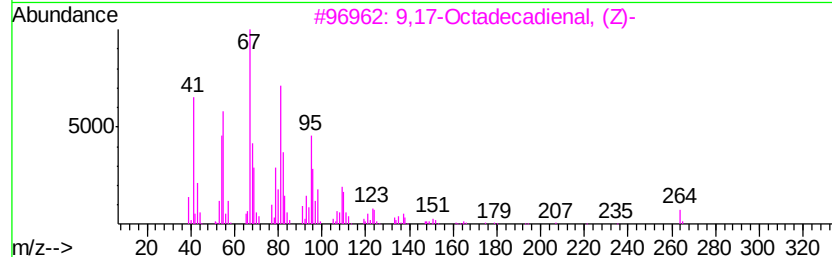
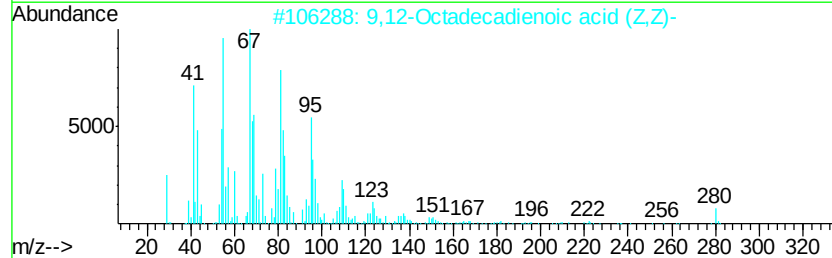
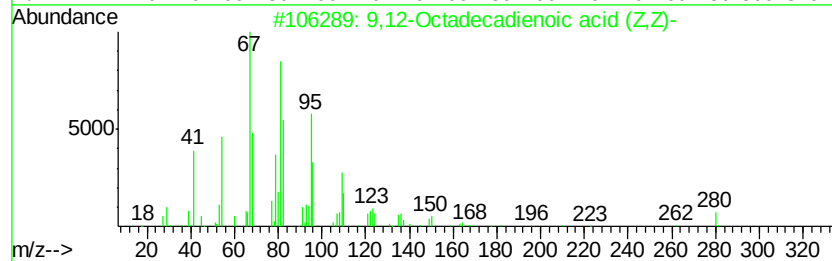
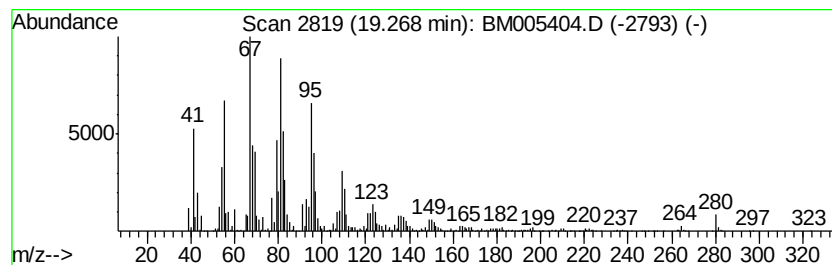
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	641.80 ng/ul	27155900	Chrysene-d12	21.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99	
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	91	
3	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	70	
4	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	70	
5	1-Hexadecyne	222	C16H30	000629-74-3	64	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
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Acq On : 12 May 2016 01:33
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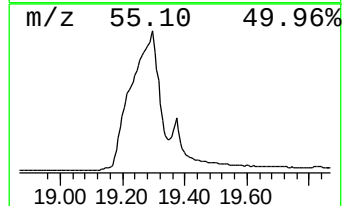
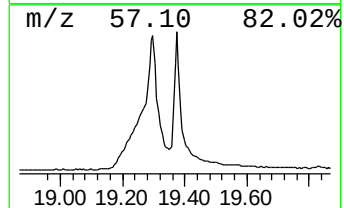
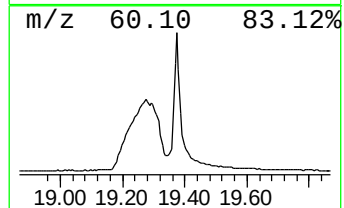
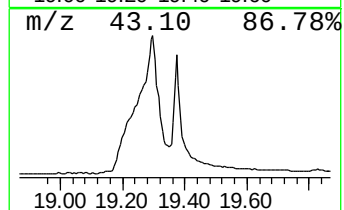
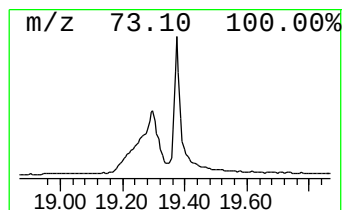
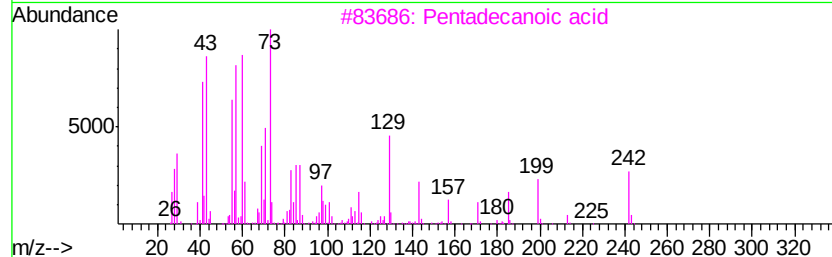
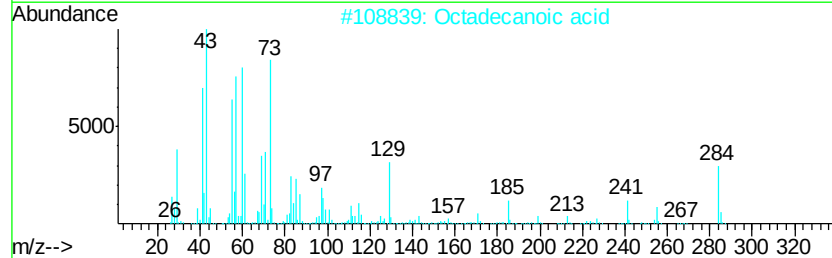
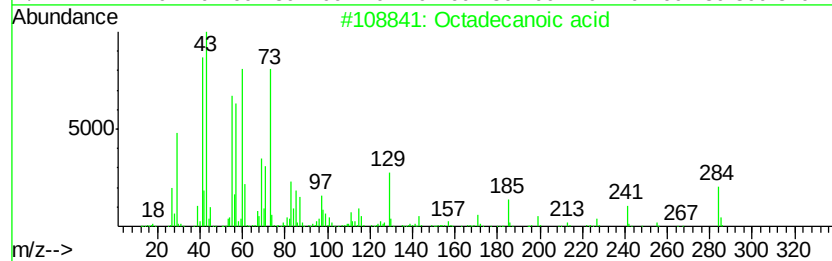
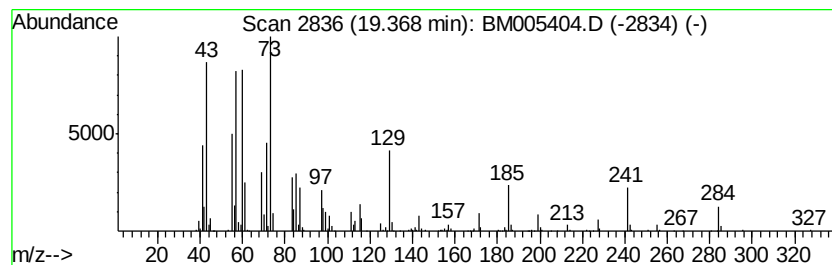
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	104.16 ng/ul	4407080	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
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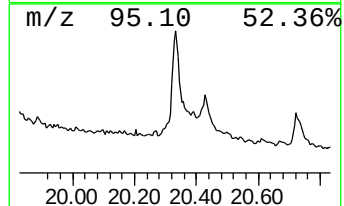
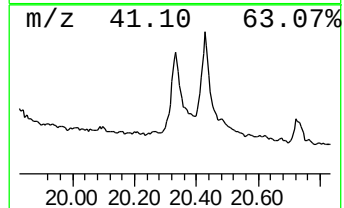
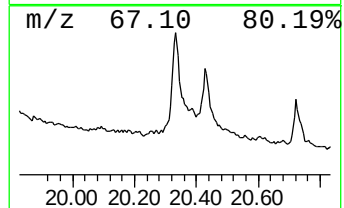
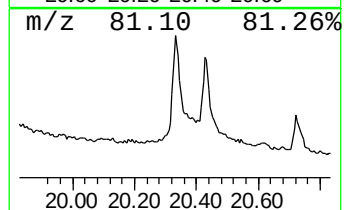
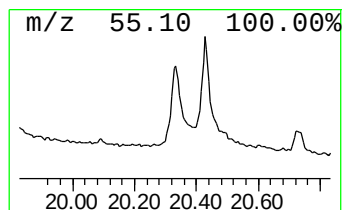
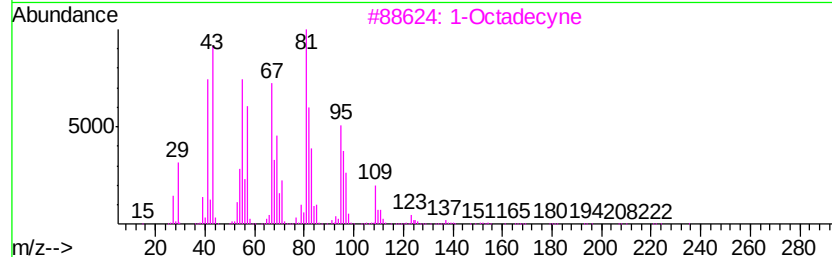
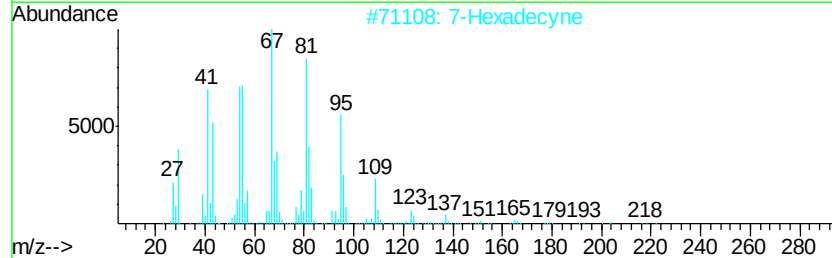
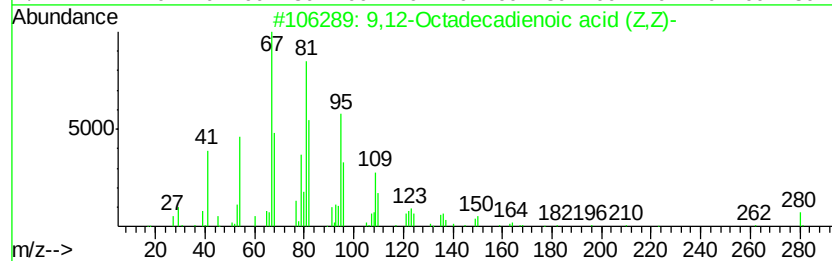
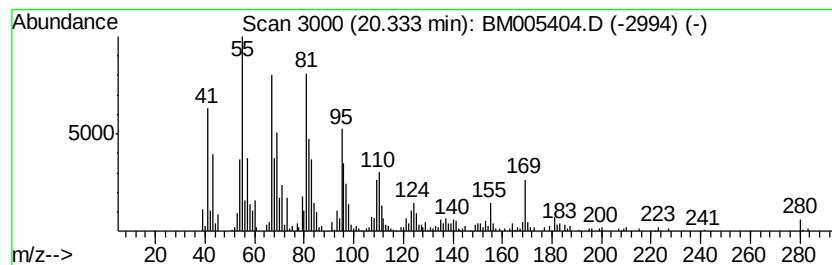
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 7-Hexadecyne Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	16.84 ng/ul	712480	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	91
2		7-Hexadecyne	222	C16H30	074685-28-2	91
3		1-Octadecyne	250	C18H34	000629-89-0	87
4		E-1,9-Tetradecadiene	194	C14H26	1000245-70-7	87
5		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
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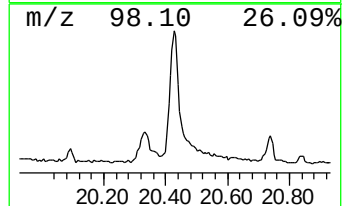
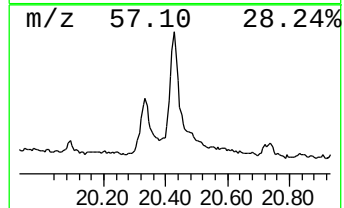
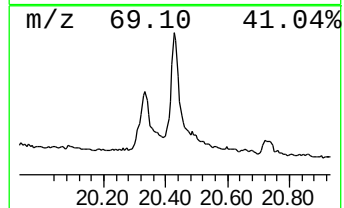
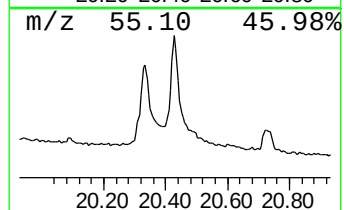
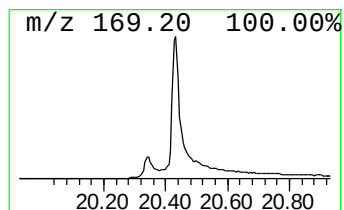
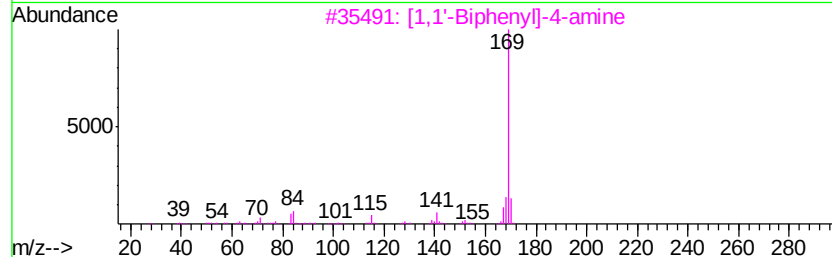
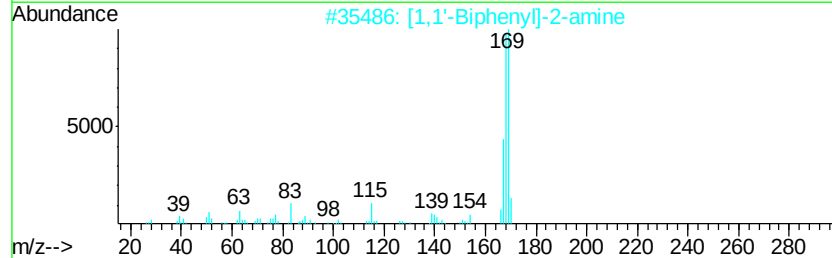
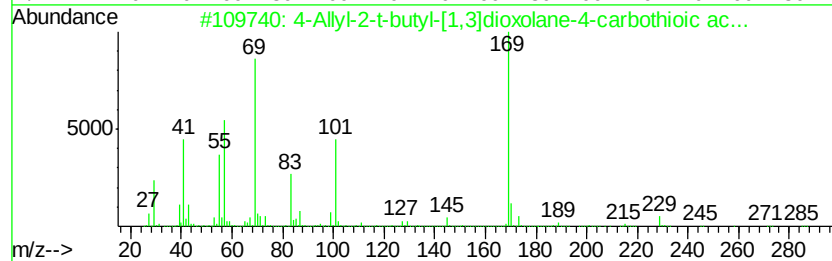
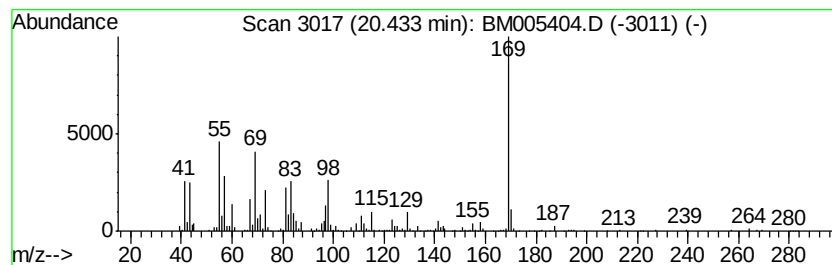
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	26.73 ng/ul	1131170	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Allyl-2-t-butyl-[1,3]dioxolane...	286	C15H26O3S	098041-27-1	43
2		[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	38
3		[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	38
4		[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	38
5		[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
Data File : BM005404.D
Acq On : 12 May 2016 01:33
Operator : UM/SJ
Sample : H2846-01 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC7

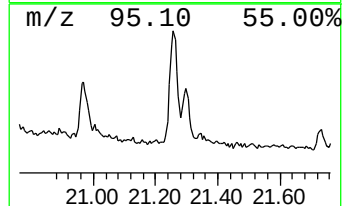
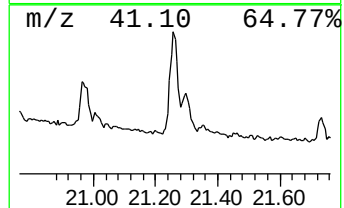
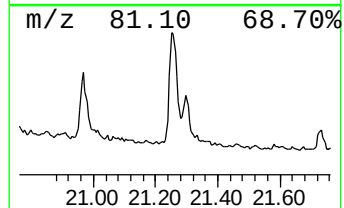
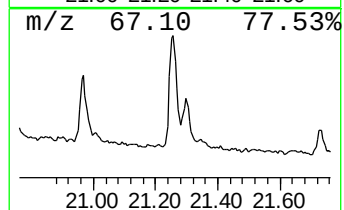
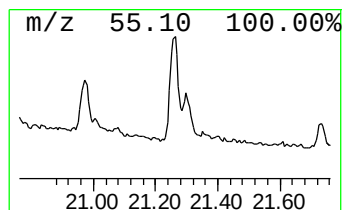
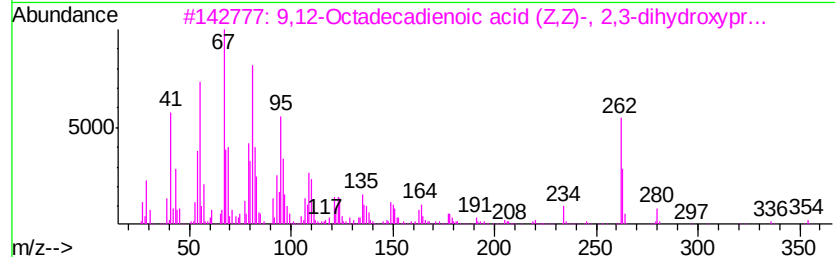
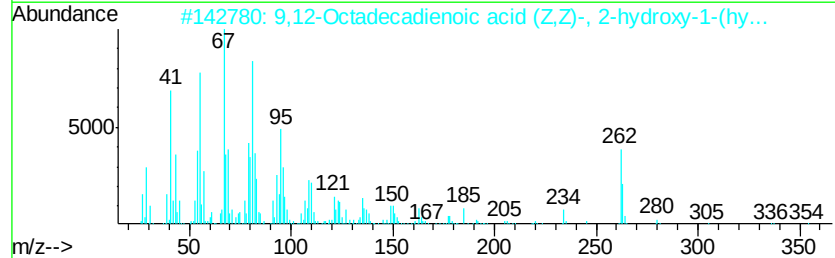
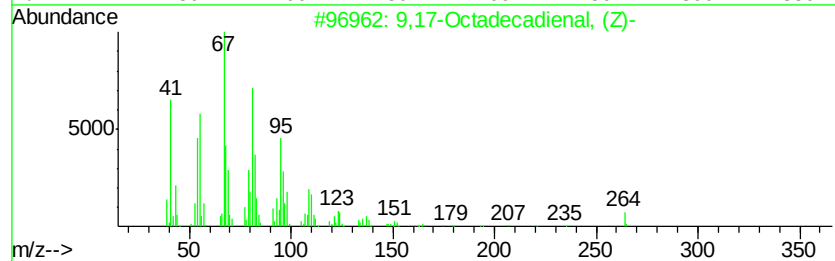
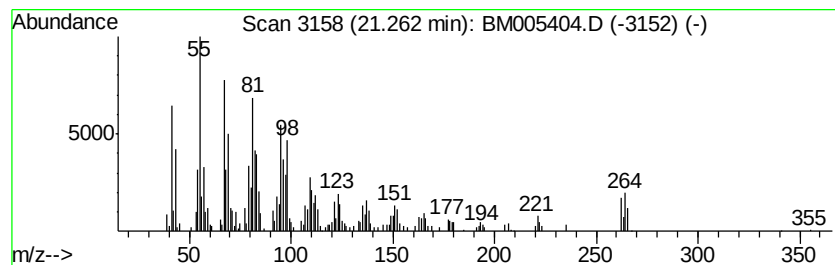
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 9,17-Octadecadienal, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	10.63 ng/ul	449957	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	97
2		9,12-Octadecadienoic acid (Z,Z)-...	354	C21H38O4	003443-82-1	90
3		9,12-Octadecadienoic acid (Z,Z)-...	354	C21H38O4	002277-28-3	87
4		Ethanol, 2-(9,12-octadecadienyl)ol...	310	C20H38O2	017367-08-7	81
5		1,3,12-Nonadecatriene	262	C19H34	1000131-11-1	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005404.D
 Acq On : 12 May 2016 01:33
 Operator : UM/SJ
 Sample : H2846-01 25X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propanoic acid, 2...	3.67	35.4	ng/ul	605050	1	7.76	341616	20.0
Butanoic acid	4.08	75.8	ng/ul	1294460	1	7.76	341616	20.0
Benzoic Acid	9.95	49.3	ng/ul	1347820	2	10.55	546677	20.0
Methylparaben	13.84	47.2	ng/ul	1802970	3	14.40	764503	20.0
Dodecanoic acid	14.85	46.3	ng/ul	1767950	3	14.40	764503	20.0
Propylparaben	15.49	30.0	ng/ul	1145340	3	14.40	764503	20.0
Tetradecanoic acid	16.57	56.5	ng/ul	2565550	4	17.14	907381	20.0
9-Hexadecenoic acid	18.00	254.9	ng/ul	11562600	4	17.14	907381	20.0
n-Hexadecanoic acid	18.12	300.9	ng/ul	13652600	4	17.14	907381	20.0
9,12-Octadecadien...	19.27	641.8	ng/ul	27155900	5	21.34	846250	20.0
Octadecanoic acid	19.37	104.2	ng/ul	4407080	5	21.34	846250	20.0
7-Hexadecyne	20.33	16.8	ng/ul	712480	5	21.34	846250	20.0
unknown-01	20.43	26.7	ng/ul	1131170	5	21.34	846250	20.0
9,17-Octadecadien...	21.26	10.6	ng/ul	449957	5	21.34	846250	20.0