

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
 Data File : BM002111.D
 Acq On : 29 Jul 2015 02:15
 Operator : TP/UM
 Sample : G3030-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01N0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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-BM072715.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	2.987	46	51	58	rBV2	114517	156303	0.14%	0.058%
2	3.811	177	191	192	rBV2	70951	194815	0.18%	0.072%
3	4.164	242	251	263	rBV2	171847	335396	0.30%	0.124%
4	4.528	299	313	327	rVB	43619	121479	0.11%	0.045%
5	5.105	403	411	415	rBV	92225	182603	0.16%	0.067%
6	6.081	560	577	588	rBV	76729	254574	0.23%	0.094%
7	6.775	664	695	700	rBV3	267626	1427603	1.28%	0.526%
8	7.087	738	748	751	rBV2	65255	118735	0.11%	0.044%
9	7.128	751	755	761	rVV	102674	162921	0.15%	0.060%
10	7.287	777	782	791	rVB2	75028	116078	0.10%	0.043%
11	7.599	830	835	850	rVB2	231397	480934	0.43%	0.177%
12	8.316	940	957	959	rBV2	286785	825332	0.74%	0.304%
13	8.757	1026	1032	1036	rBV	112000	196035	0.18%	0.072%
14	8.916	1053	1059	1068	rVB	136341	216779	0.20%	0.080%
15	9.475	1146	1154	1159	rBV	86775	149808	0.13%	0.055%
16	9.869	1192	1221	1225	rBV	403372	2257566	2.03%	0.832%
17	10.010	1242	1245	1254	rVB	119699	199758	0.18%	0.074%
18	10.387	1304	1309	1314	rVB	263726	444218	0.40%	0.164%
19	11.287	1446	1462	1466	rBV	150773	506025	0.46%	0.186%
20	12.492	1662	1667	1672	rBV	105635	162399	0.15%	0.060%
21	12.628	1674	1690	1691	rBV3	113446	463379	0.42%	0.171%
22	12.728	1699	1707	1763	rVB	2018561	8411476	7.57%	3.099%
23	13.728	1864	1877	1889	rBV3	98807	613258	0.55%	0.226%
24	13.951	1908	1915	1934	rVB2	178429	522387	0.47%	0.192%
25	14.257	1963	1967	1989	rVB2	180281	477028	0.43%	0.176%
26	14.804	2037	2060	2061	rBV3	1011184	5396175	4.85%	1.988%
27	16.539	2331	2355	2358	rBV2	2794000	16458404	14.81%	6.063%
28	18.051	2583	2612	2613	rBV	20651160	99439506	89.46%	36.634%
29	19.368	2814	2836	2838	rBV8	20322962	111161374	100.00%	40.953%
30	21.227	3147	3152	3158	rVB2	3205242	4353977	3.92%	1.604%
31	22.045	3287	3291	3295	rVB2	1327987	1688714	1.52%	0.622%
32	22.509	3366	3370	3377	rVB2	836442	1182498	1.06%	0.436%
33	23.027	3454	3458	3467	rVB2	534091	917228	0.83%	0.338%
34	23.433	3523	3527	3531	rBV	296281	464990	0.42%	0.171%

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Integration Parameters: LSCINT.P

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Sampling : 1
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35	24.274	3666	3670	3679	rVB3	393995	765620	0.69%	0.282%
36	24.380	3683	3688	3695	rVV	316707	705973	0.64%	0.260%
37	27.486	4204	4216	4229	rVB2	2260056	7831179	7.04%	2.885%
38	27.933	4284	4292	4306	rVB3	584196	2076369	1.87%	0.765%

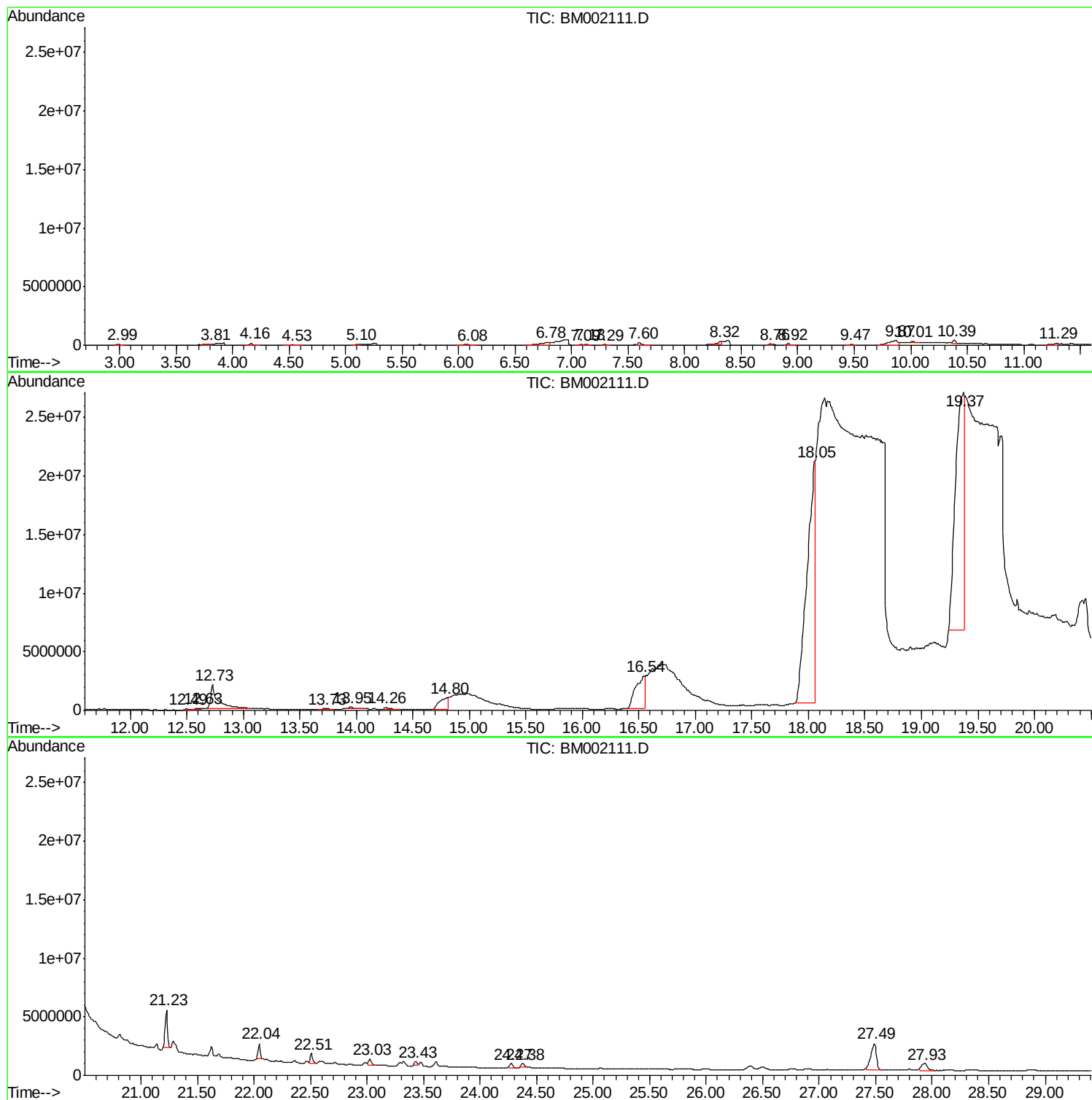
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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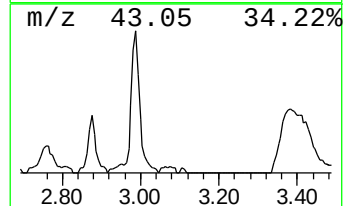
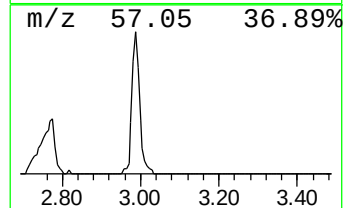
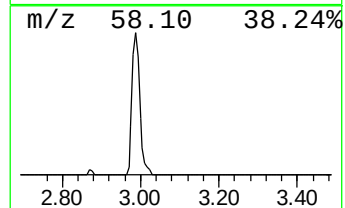
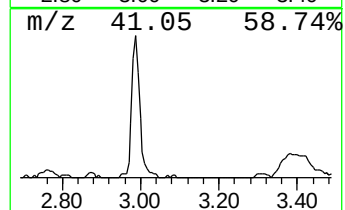
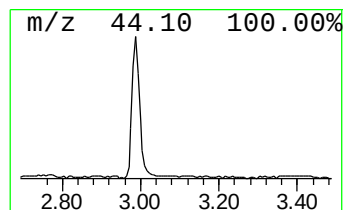
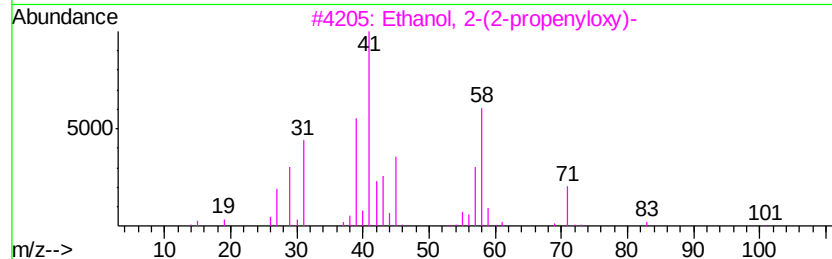
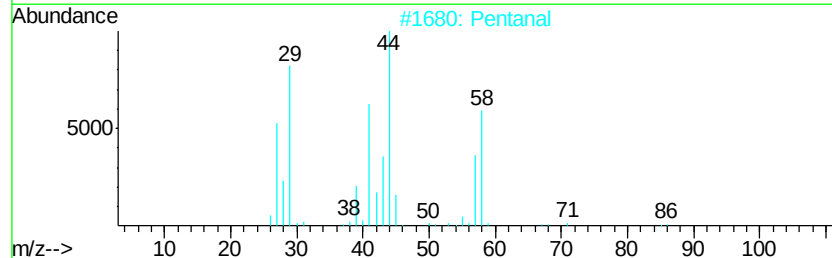
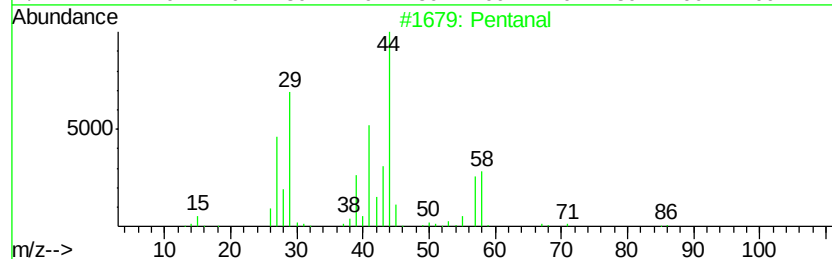
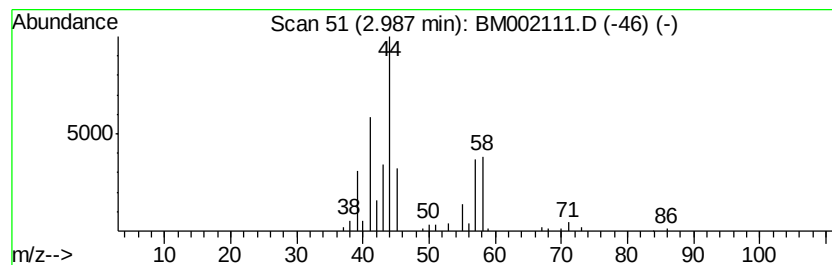
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 Pentanal Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	6.50 ng/ul	156303	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	80
2		Pentanal	86	C5H10O	000110-62-3	56
3		Ethanol, 2-(2-propenyloxy)-	102	C5H10O2	000111-45-5	38
4		Cyclopropyl carbinol	72	C4H8O	002516-33-8	38
5		Pentanal	86	C5H10O	000110-62-3	33



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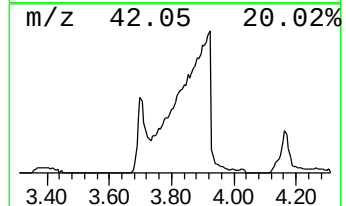
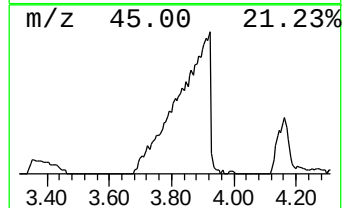
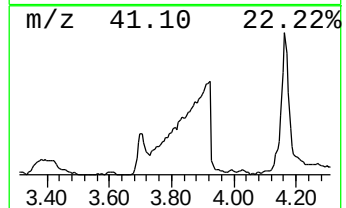
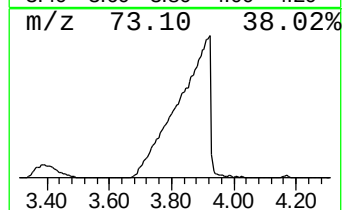
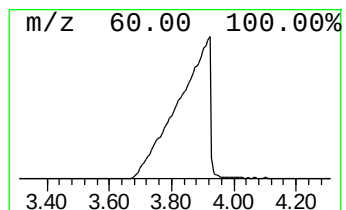
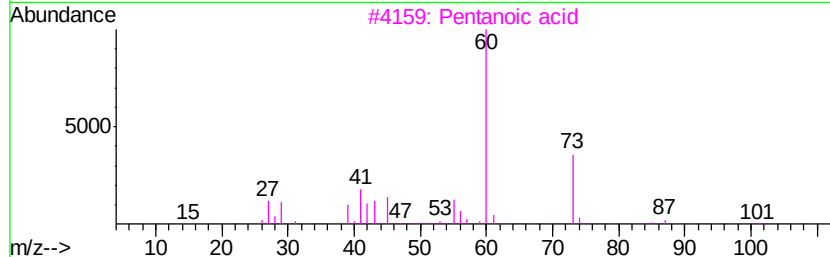
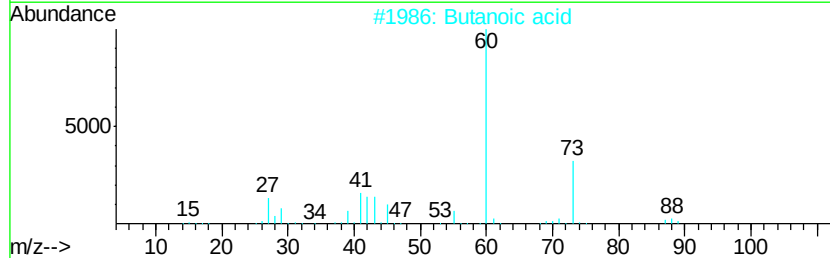
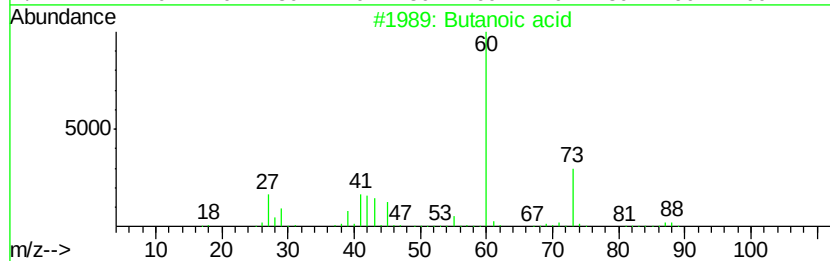
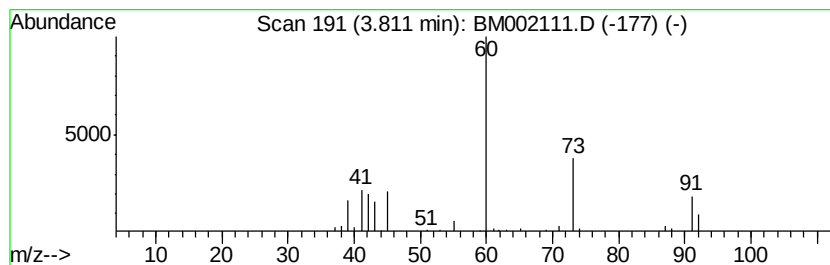
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	8.10 ng/ul	194815	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid	88	C4H8O2	000107-92-6	72
2		Butanoic acid	88	C4H8O2	000107-92-6	58
3		Pentanoic acid	102	C5H10O2	000109-52-4	40
4		Hexanoic acid	116	C6H12O2	000142-62-1	38
5		.beta.-Methyl xyloside	164	C6H12O5	1000130-04-0	9



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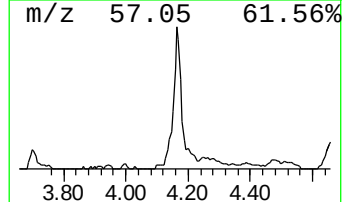
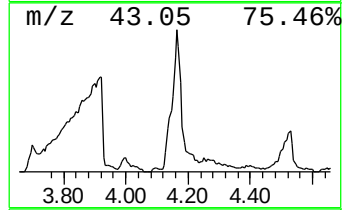
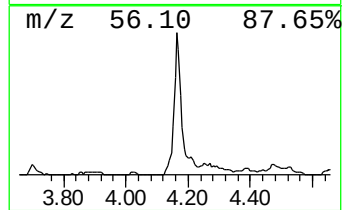
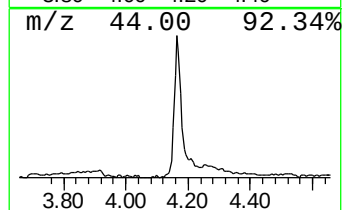
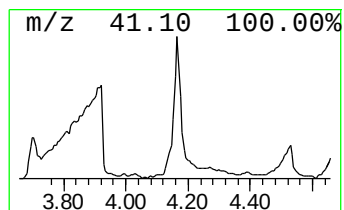
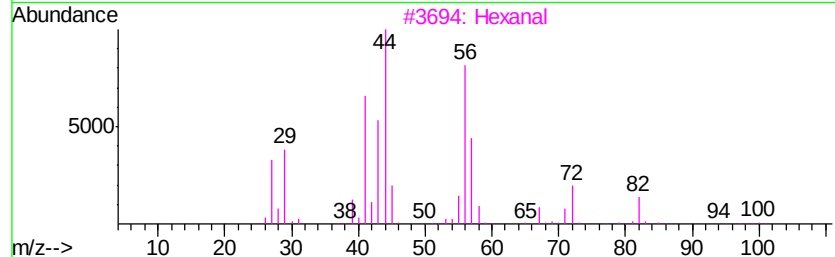
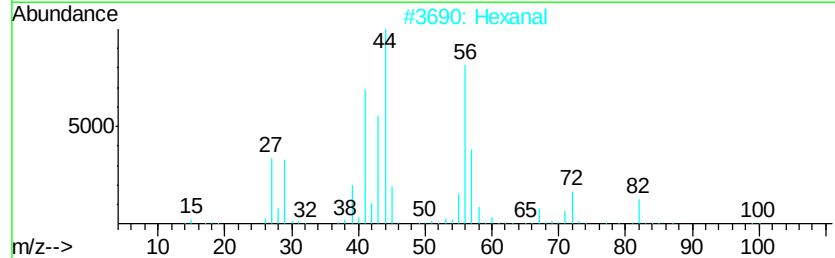
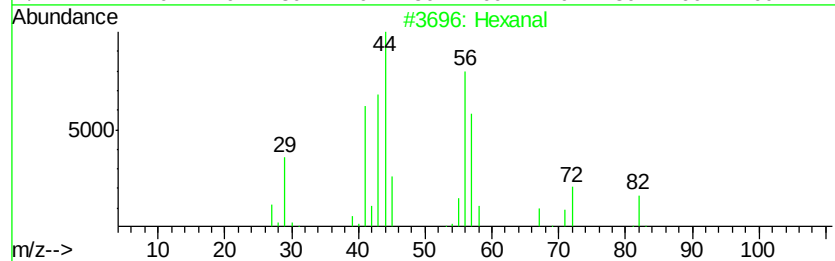
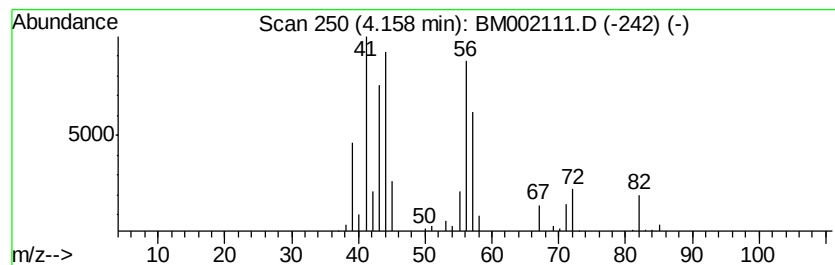
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Hexanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	13.95 ng/ul	335396	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	64
2		Hexanal	100	C6H12O	000066-25-1	64
3		Hexanal	100	C6H12O	000066-25-1	64
4		Hexanal	100	C6H12O	000066-25-1	53
5		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	32



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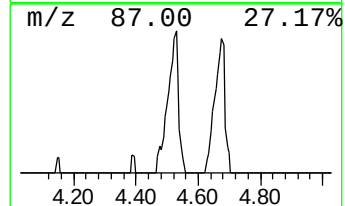
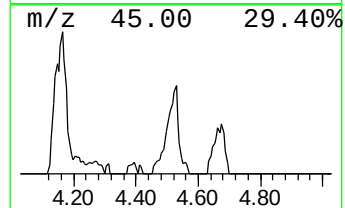
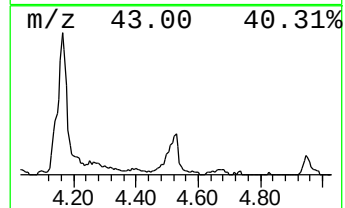
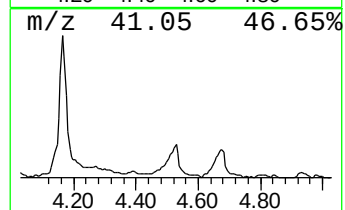
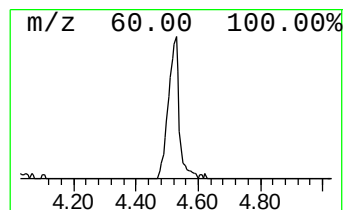
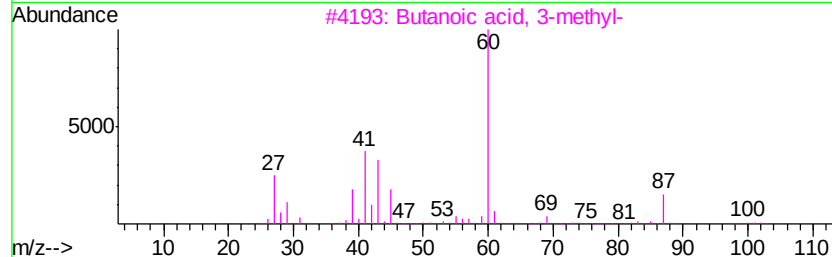
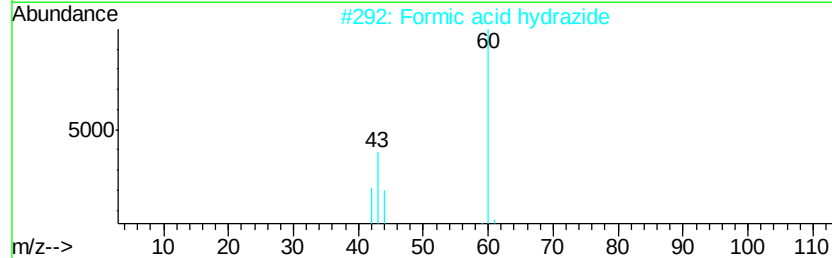
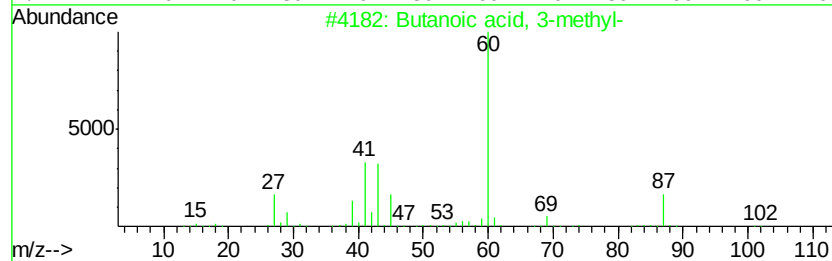
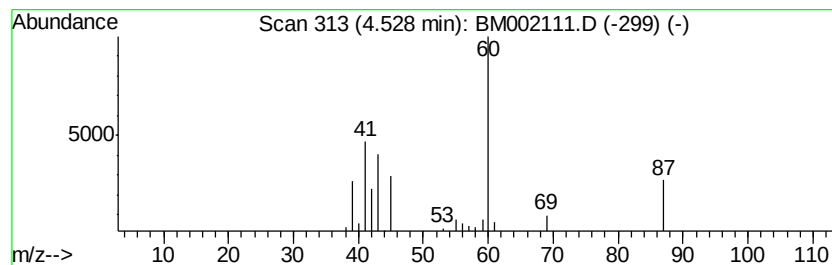
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	5.05 ng/ul	121479	1,4-Dichlorobenzene-d4	7.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
2			Formic acid hydrazide	60	CH4N2O	000624-84-0	47
3			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	12
4			1-Pentanamine	87	C5H13N	000110-58-7	12
5			Pentanoic acid	102	C5H10O2	000109-52-4	9



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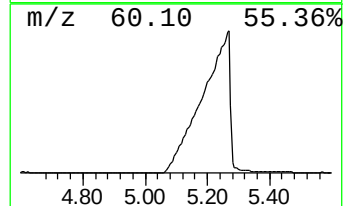
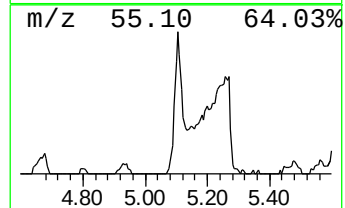
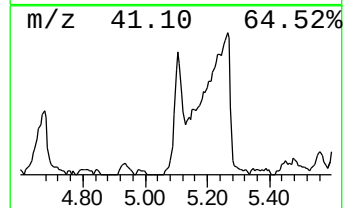
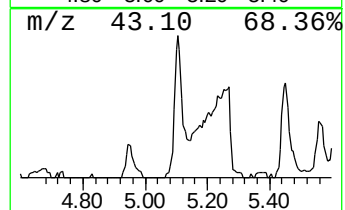
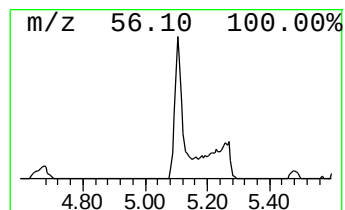
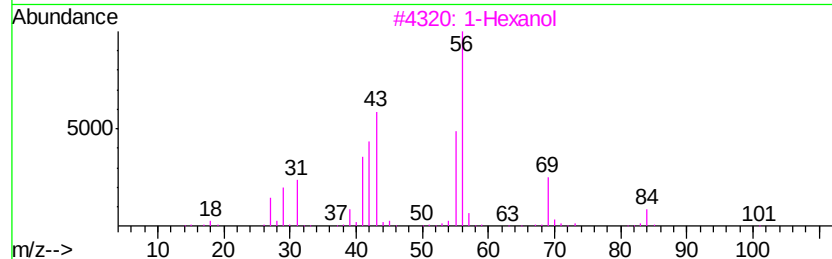
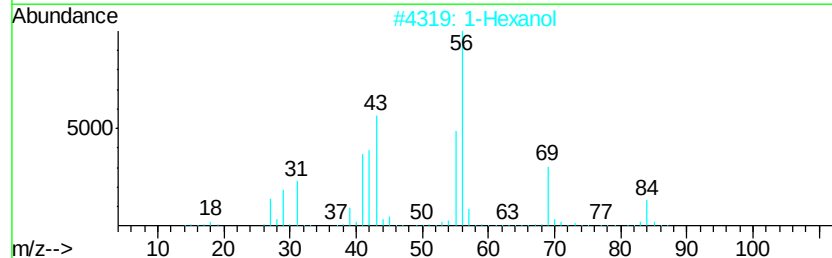
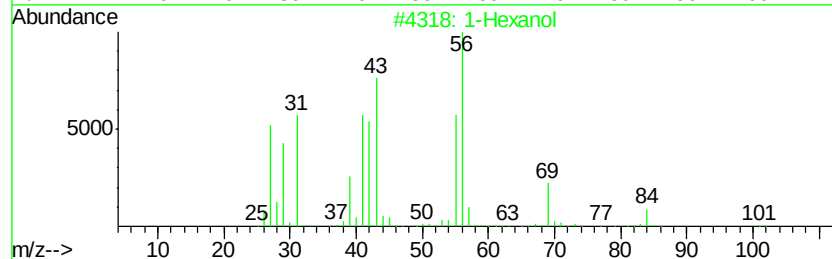
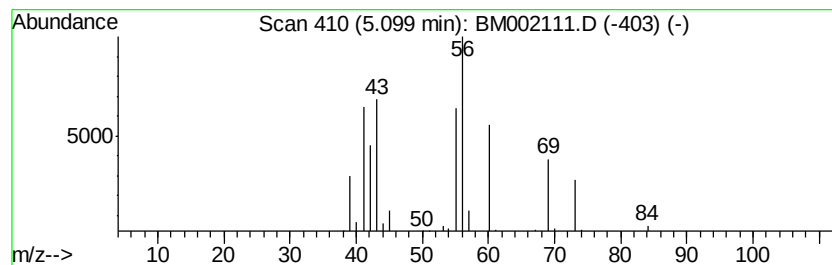
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Peak Number 5 1-Hexanol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	7.59 ng/ul	182603	1,4-Dichlorobenzene-d4	7.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol		102	C6H14O	000111-27-3	53
2	1-Hexanol		102	C6H14O	000111-27-3	53
3	1-Hexanol		102	C6H14O	000111-27-3	53
4	1-Butanol		74	C4H10O	000071-36-3	50
5	1-Pentanol, 4-methyl-		102	C6H14O	000626-89-1	50



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ALS Vial : 19 Sample Multiplier: 1

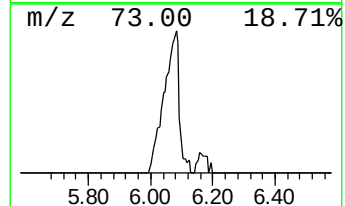
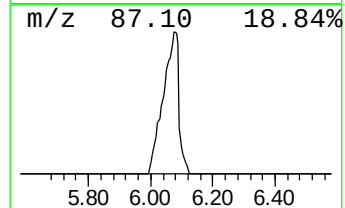
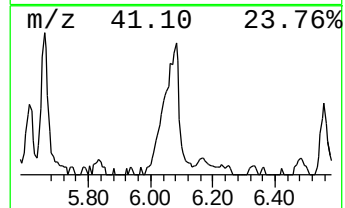
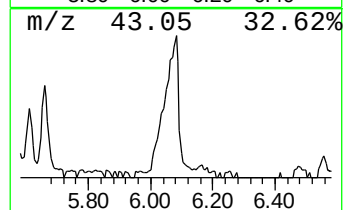
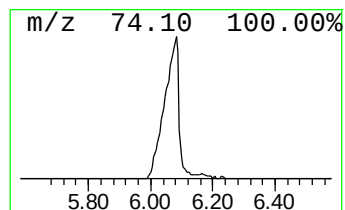
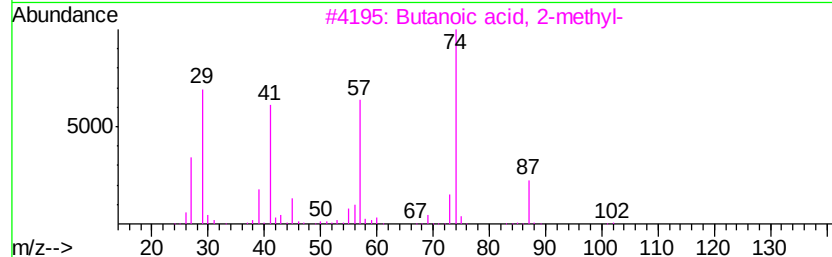
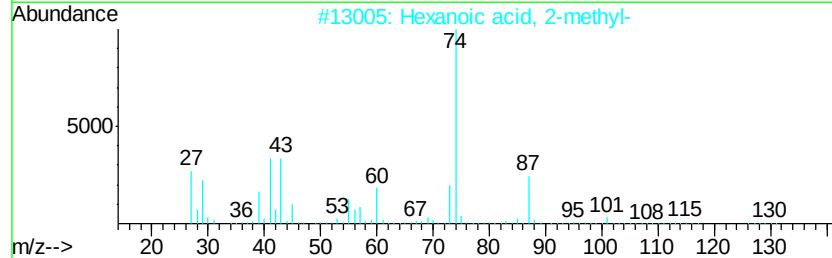
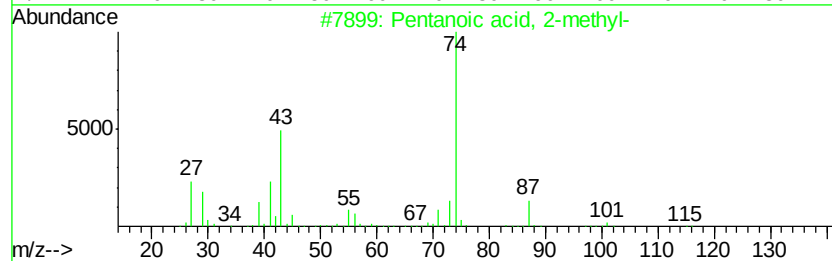
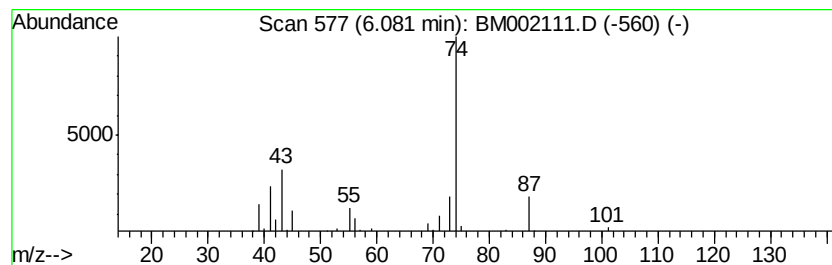
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Pentanoic acid, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	10.59 ng/ul	254574	1,4-Dichlorobenzene-d4	7.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentanoic acid, 2-methyl-	116 C6H12O2	000097-61-0 78
2		Hexanoic acid, 2-methyl-	130 C7H14O2	004536-23-6 78
3		Butanoic acid, 2-methyl-	102 C5H10O2	000116-53-0 78
4		Hexanoic acid, 2-methyl-	130 C7H14O2	004536-23-6 64
5		Butanoic acid, 2-methyl-	102 C5H10O2	000116-53-0 43



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

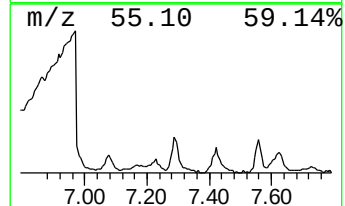
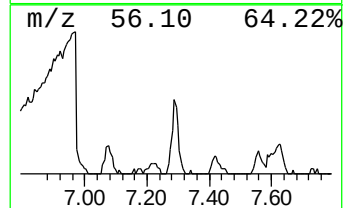
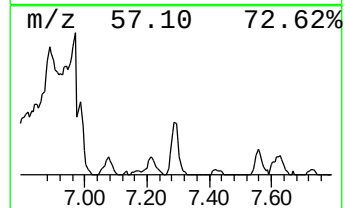
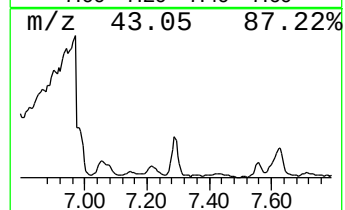
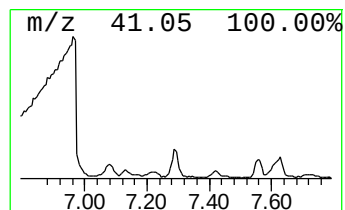
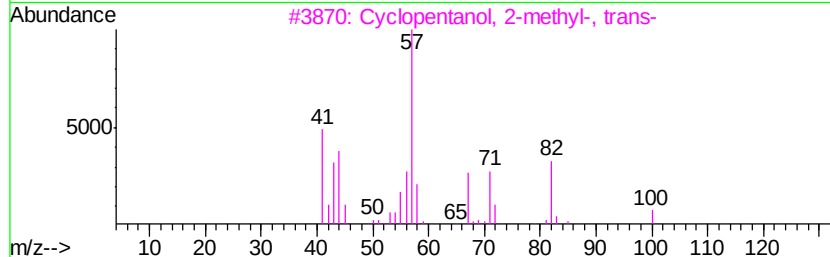
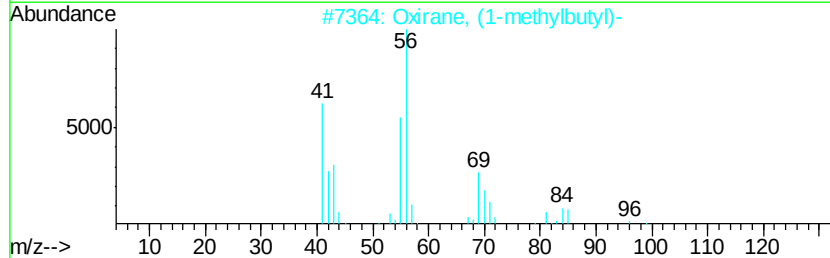
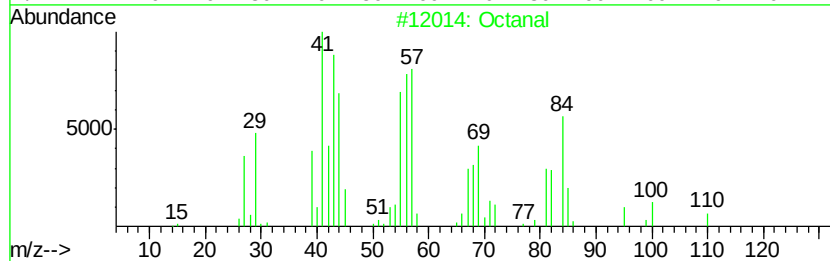
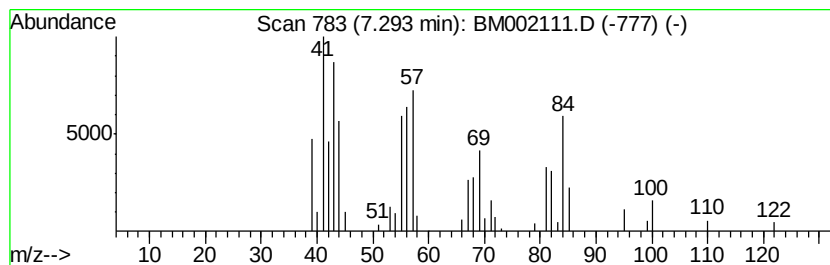
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octanal Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.29	4.83 ng/ul	116078	1,4-Dichlorobenzene-d4	7.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	38
3	Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	27
4	5-Aminoisoxazole	84	C3H4N2O	014678-05-8	27
5	1-Trifluoroacetoxy-10-undecene	266	C13H21F3O2	001675-20-3	27



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
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Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

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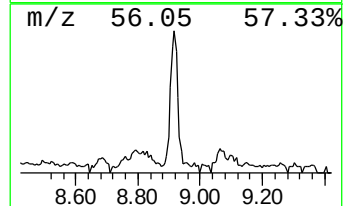
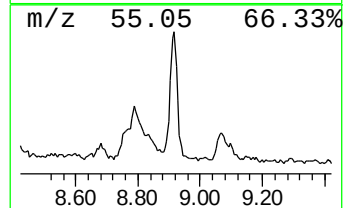
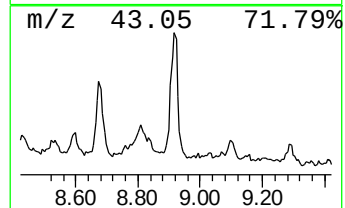
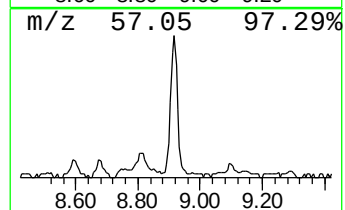
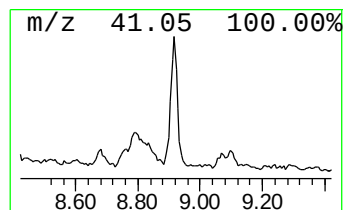
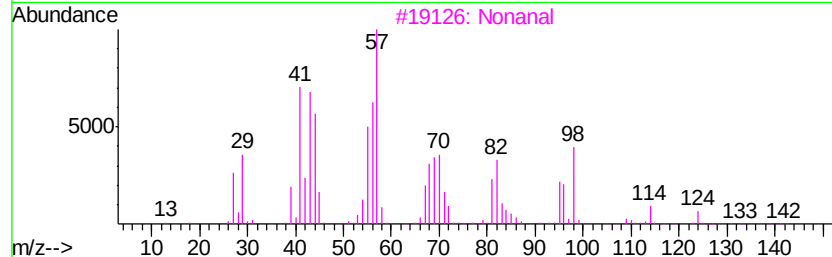
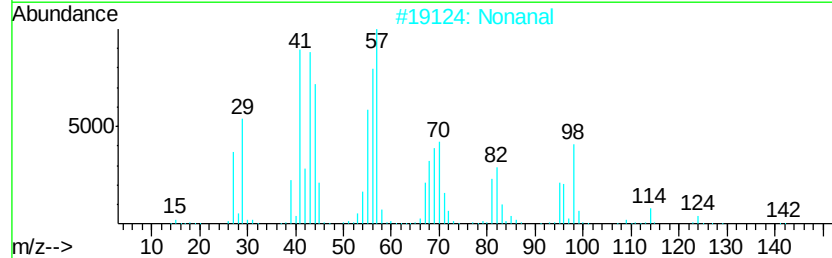
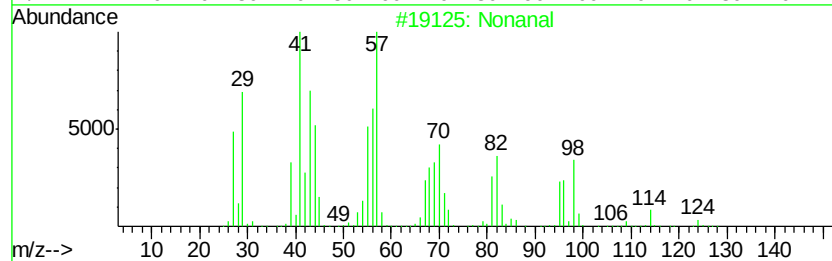
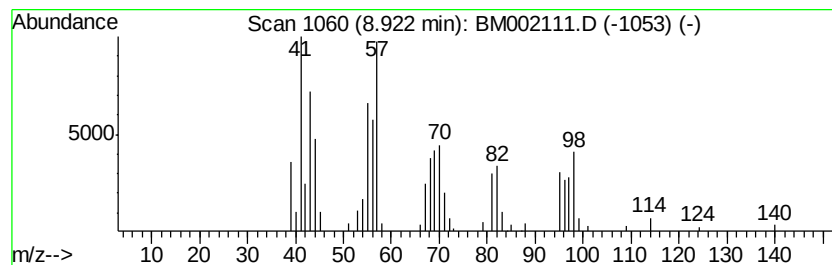
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Nonanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	9.01 ng/ul	216779	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	87
2		Nonanal	142	C9H18O	000124-19-6	64
3		Nonanal	142	C9H18O	000124-19-6	59
4		Cycloheptane	98	C7H14	000291-64-5	38
5		1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	27



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampled :
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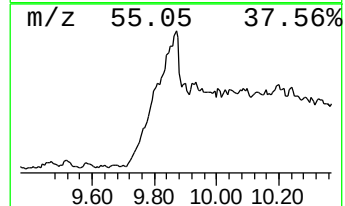
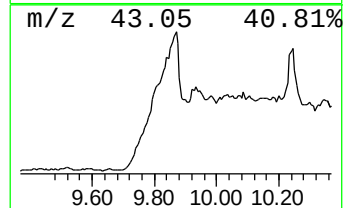
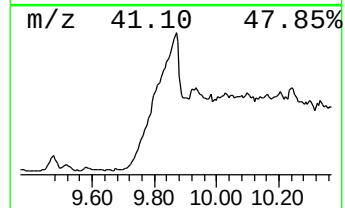
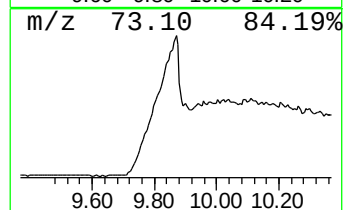
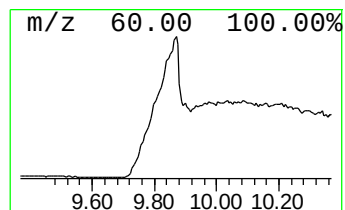
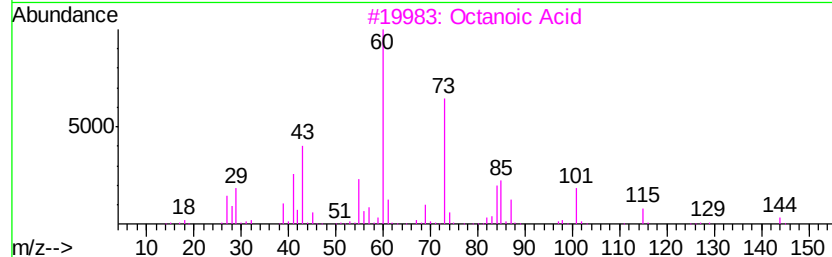
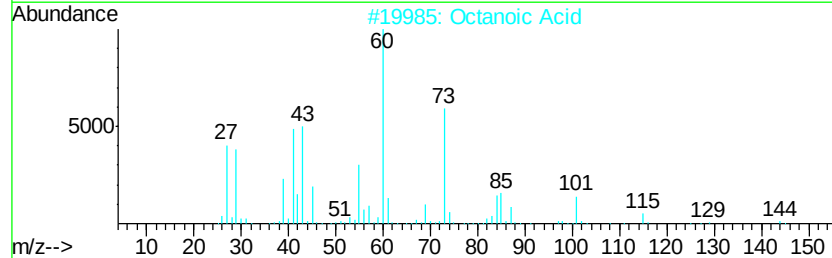
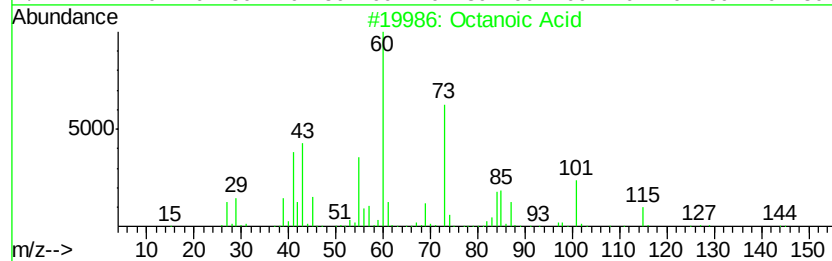
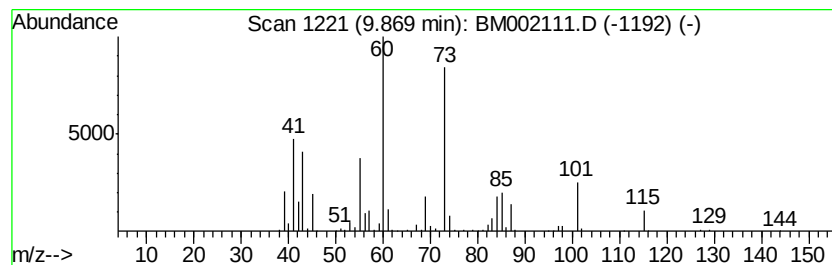
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Octanoic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	101.64 ng/ul	2257570	Napthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic Acid	144	C8H16O2	000124-07-2	96
2		Octanoic Acid	144	C8H16O2	000124-07-2	83
3		Octanoic Acid	144	C8H16O2	000124-07-2	80
4		Hexanoic acid	116	C6H12O2	000142-62-1	50
5		Hexanoic acid	116	C6H12O2	000142-62-1	46



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
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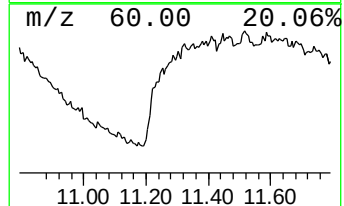
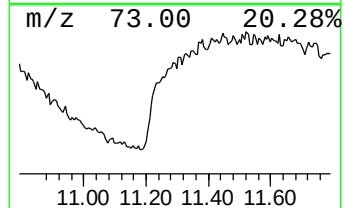
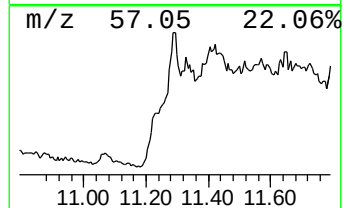
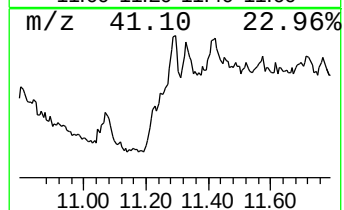
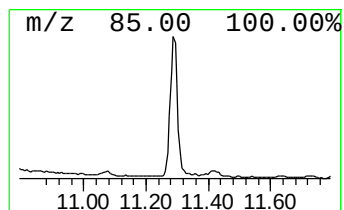
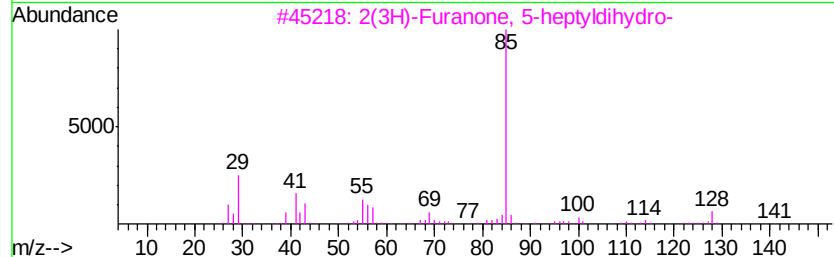
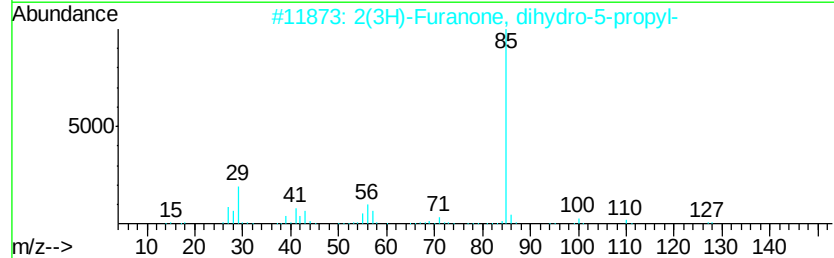
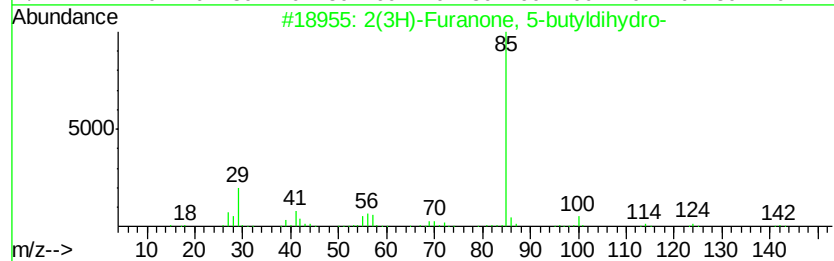
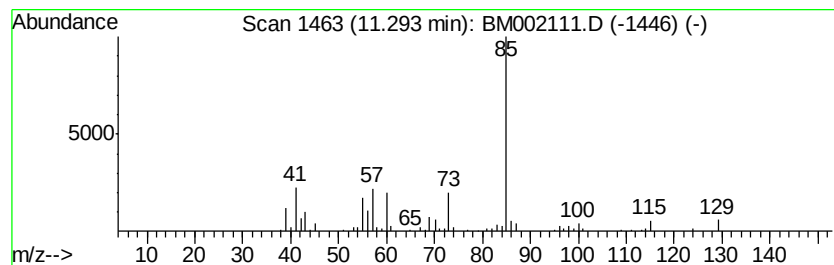
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 2(3H)-Furanone, 5-butyldihydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.29	22.78 ng/ul	506025	Napthalene-d8	10.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	53	
2	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	50	
3	2(3H)-Furanone, 5-heptyldihydro-	184	C11H20O2	000104-67-6	50	
4	2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	50	
5	Pentanoic acid 1-methylpropyl ester	158	C9H18O2	023361-74-2	50	



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
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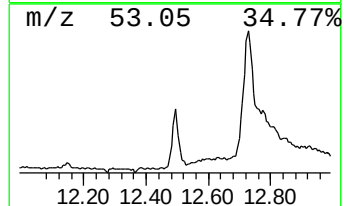
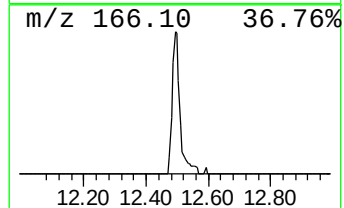
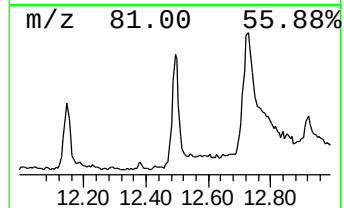
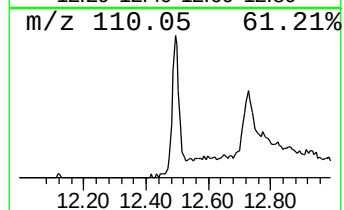
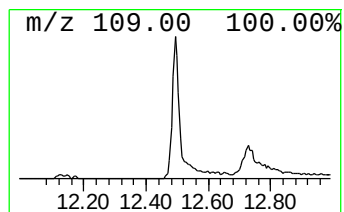
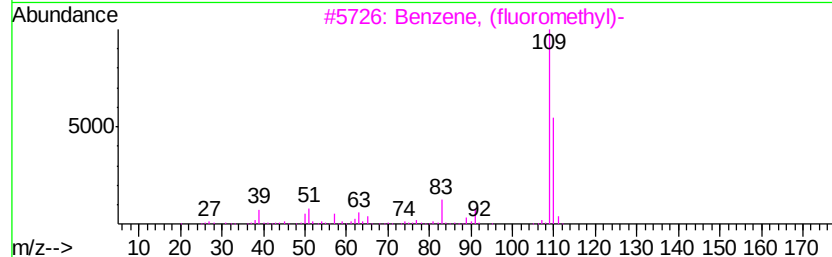
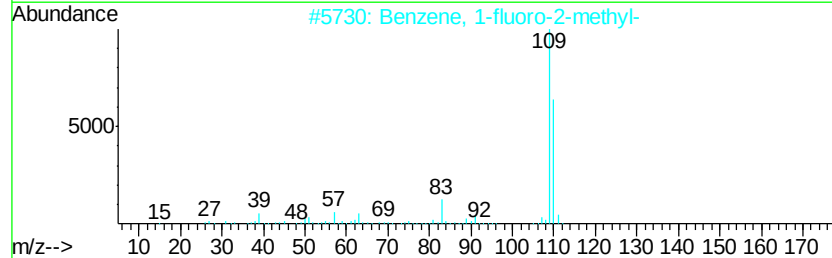
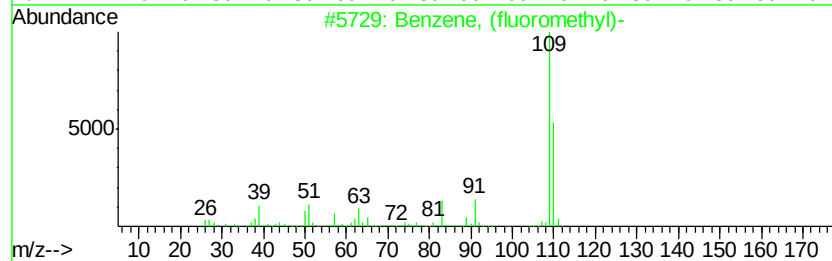
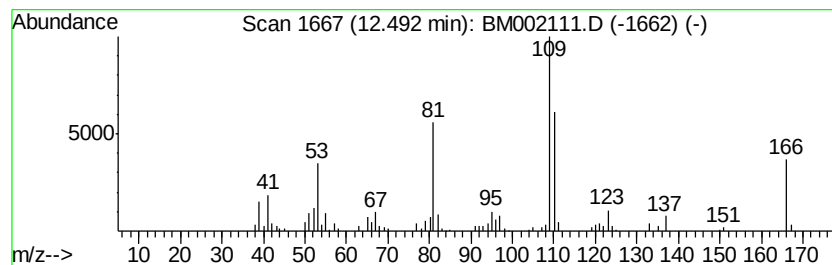
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	6.81 ng/ul	162399	Acenaphthene-d10	14.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (fluoromethyl)-	110	C7H7F	000350-50-5	49
2			Benzene, 1-fluoro-2-methyl-	110	C7H7F	000095-52-3	47
3			Benzene, (fluoromethyl)-	110	C7H7F	000350-50-5	47
4			2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	43
5			2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	43



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
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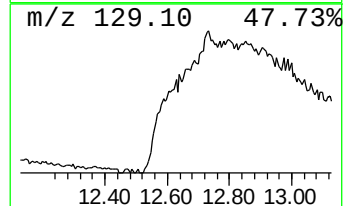
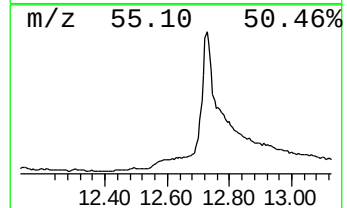
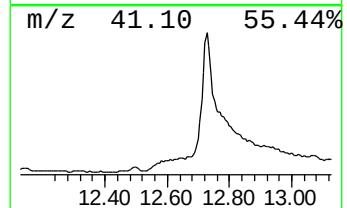
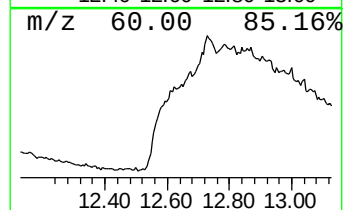
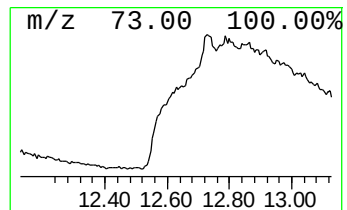
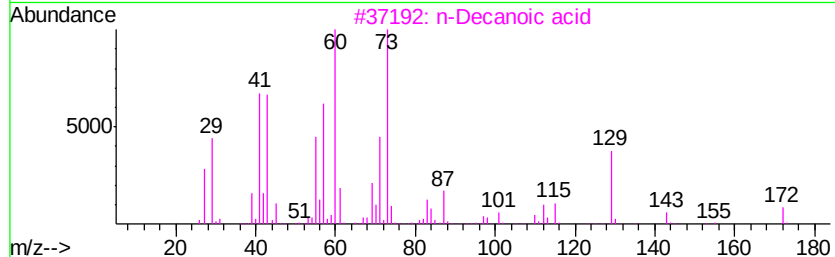
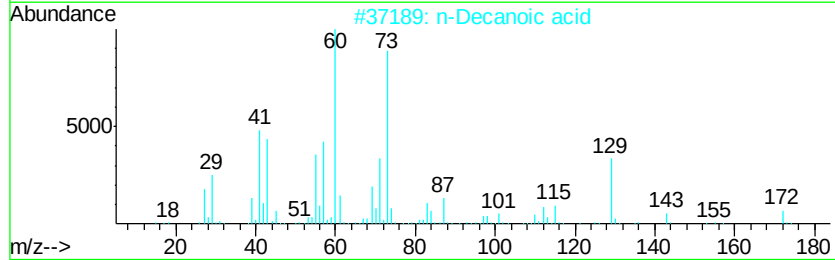
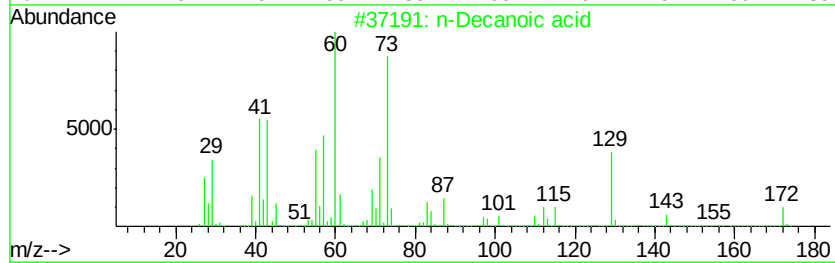
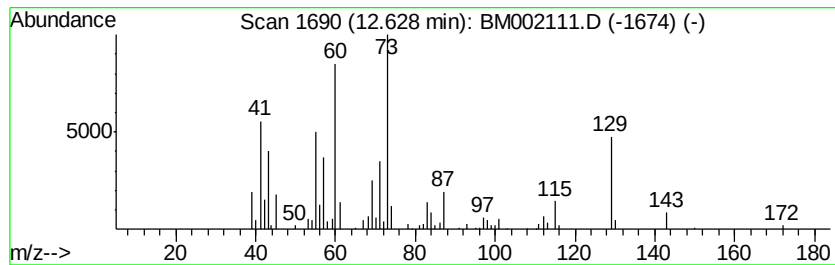
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 n-Decanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	19.43 ng/ul	463379	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Decanoic acid	172 C10H20O2	000334-48-5	86
2	n-Decanoic acid	172 C10H20O2	000334-48-5	72
3	n-Decanoic acid	172 C10H20O2	000334-48-5	64
4	n-Decanoic acid	172 C10H20O2	000334-48-5	59
5	n-Decanoic acid	172 C10H20O2	000334-48-5	53



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
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Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
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Instrument :
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ClientSampleId :
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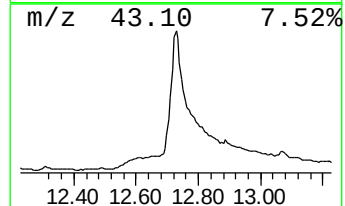
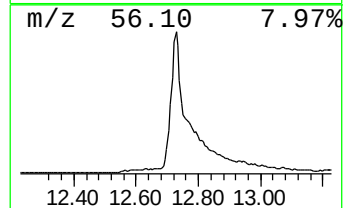
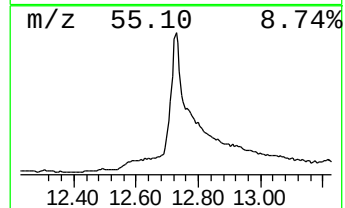
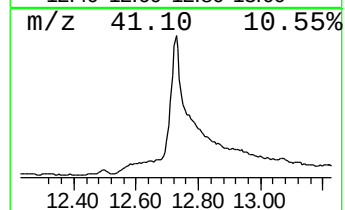
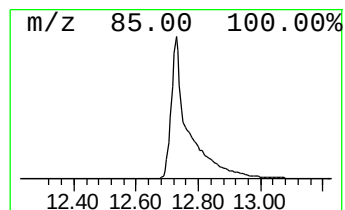
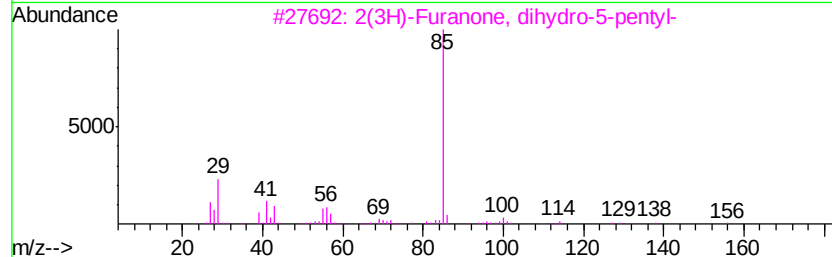
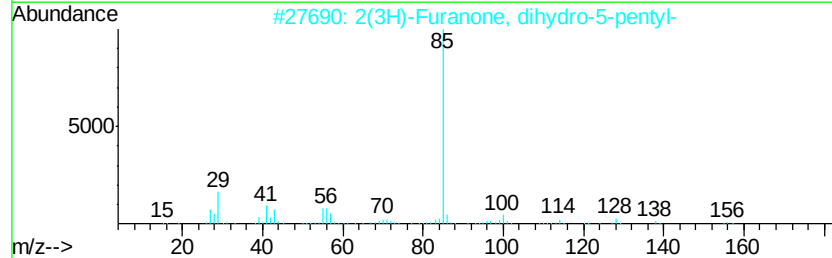
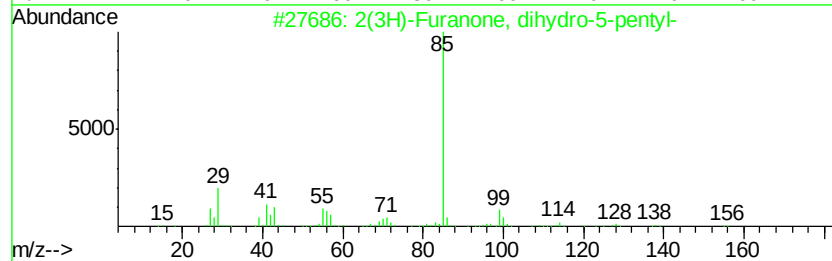
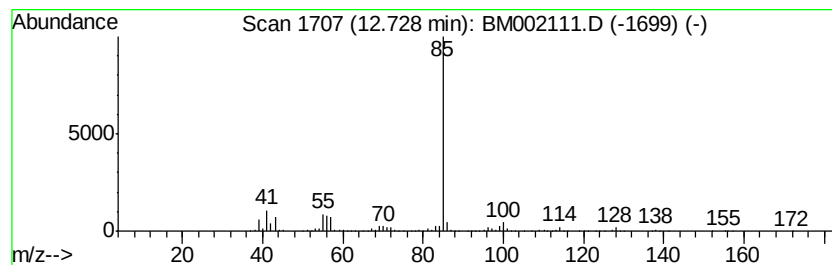
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 2(3H)-Furanone, dihydro-5-p... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	352.66 ng/ul	8411480	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	83
2		2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	83
3		2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	83
4		2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	78
5		2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	78



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

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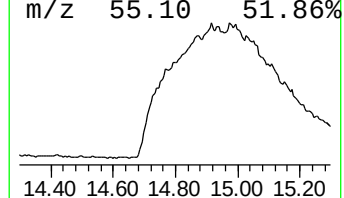
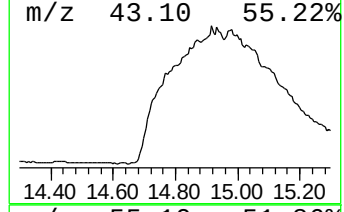
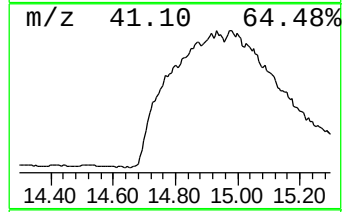
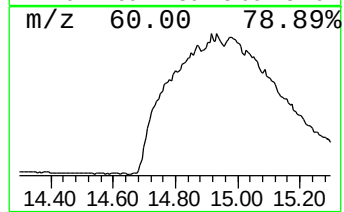
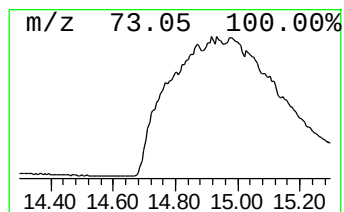
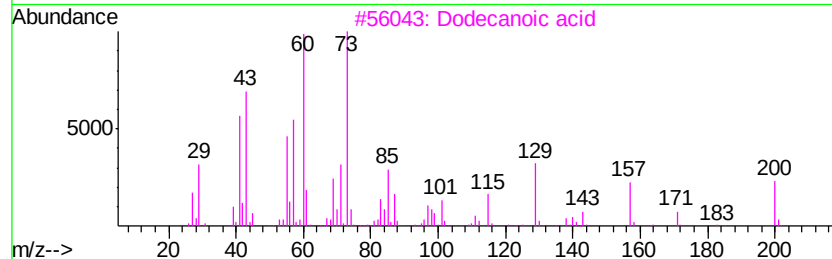
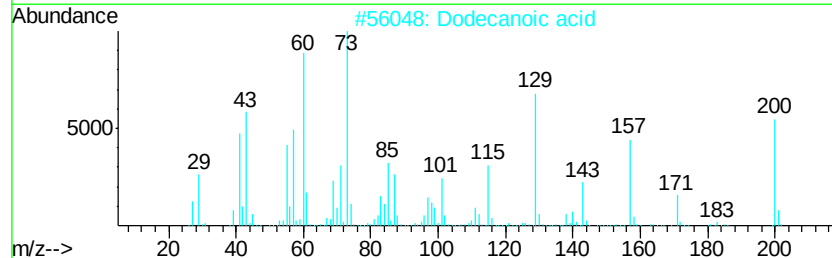
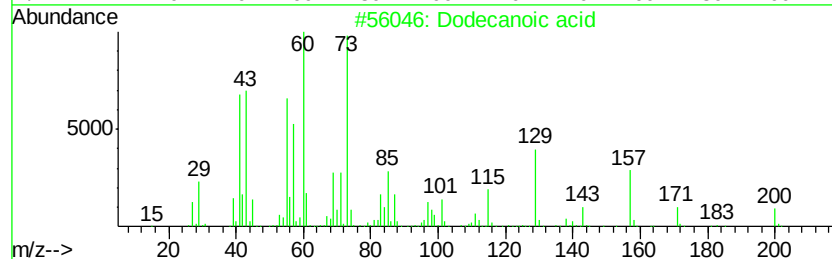
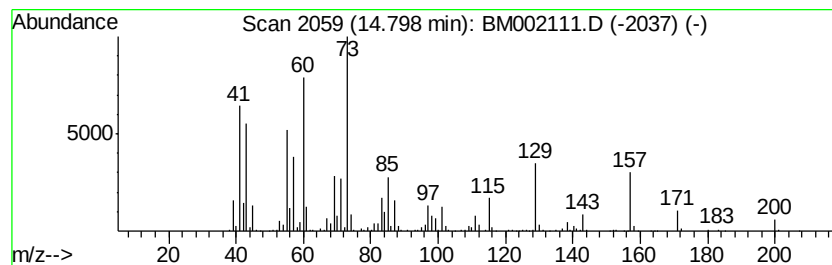
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	226.24 ng/ul	5396180	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	99
2		Dodecanoic acid	200	C12H24O2	000143-07-7	97
3		Dodecanoic acid	200	C12H24O2	000143-07-7	93
4		Dodecanoic acid	200	C12H24O2	000143-07-7	91
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

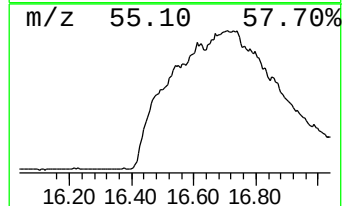
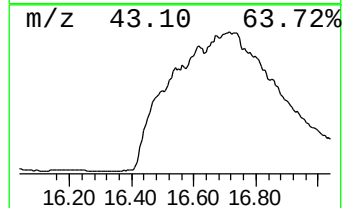
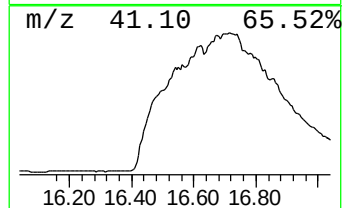
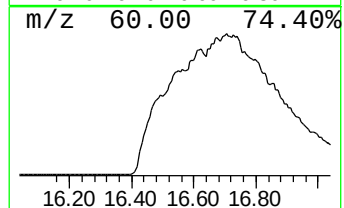
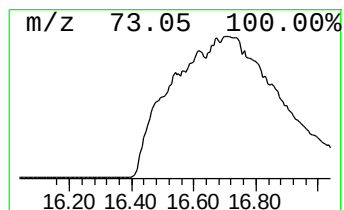
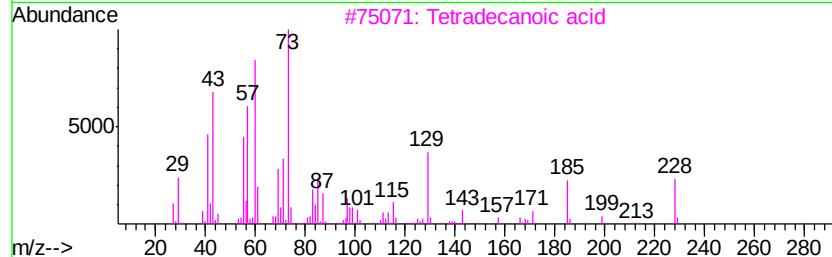
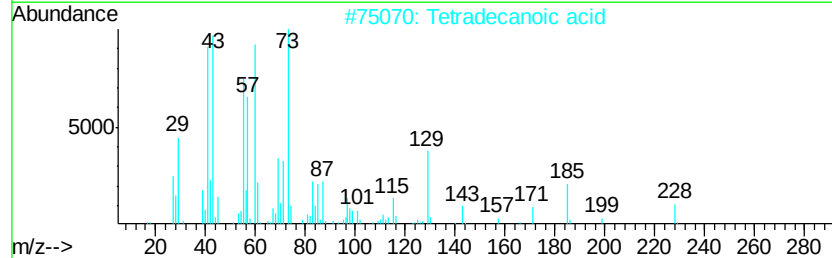
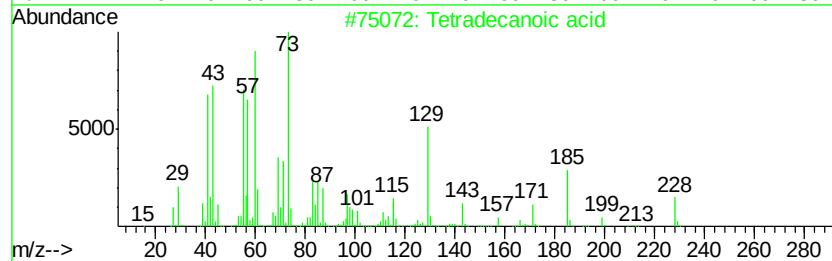
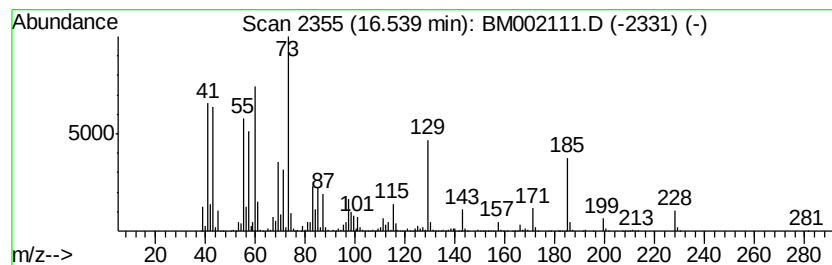
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Tetradecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.54	20.00 ng/ul	16458400	Phenanthrene-d10	17.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	97
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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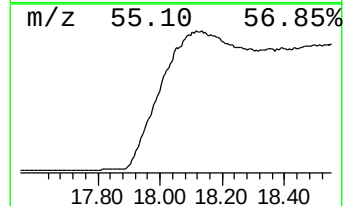
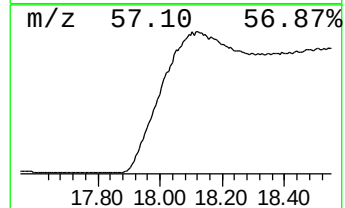
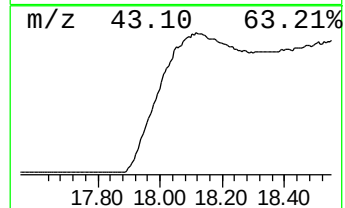
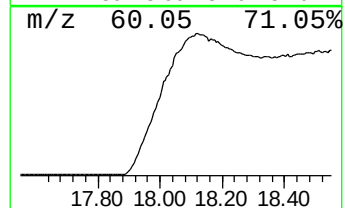
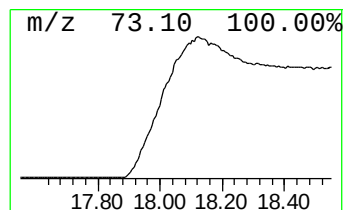
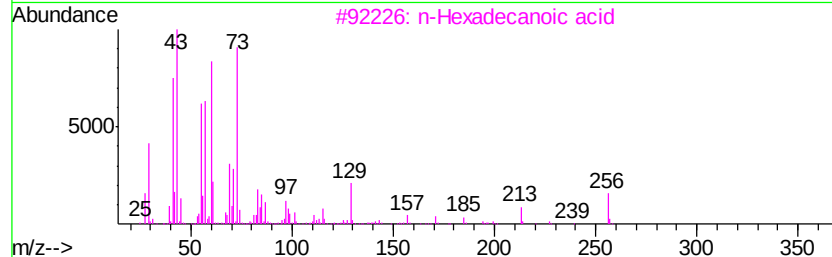
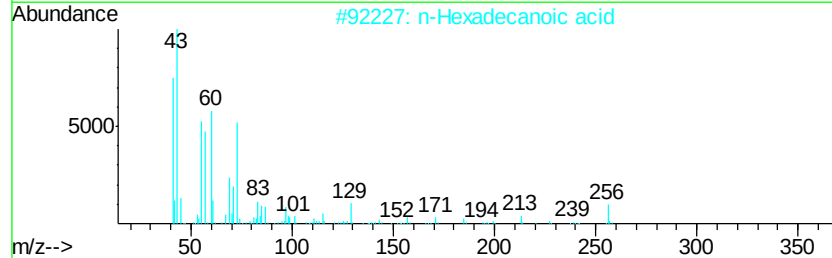
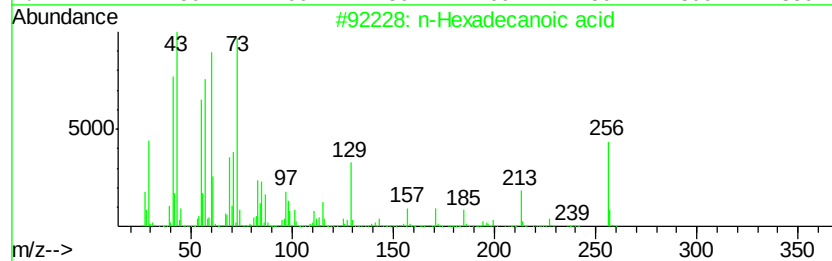
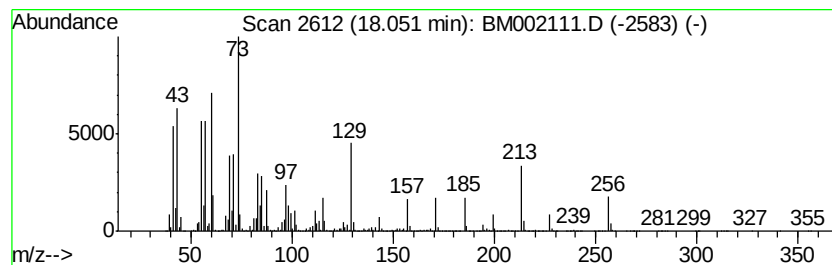
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	120.84 ng/ul	99439500	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	86



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
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Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

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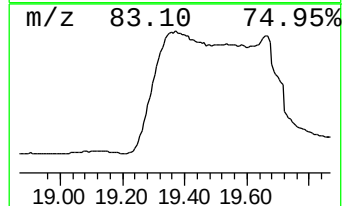
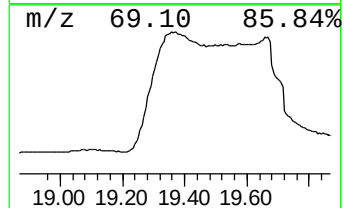
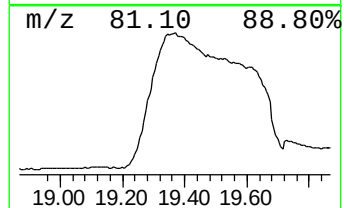
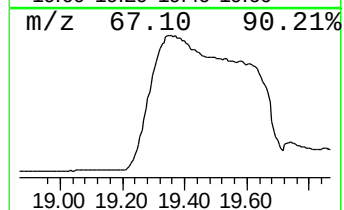
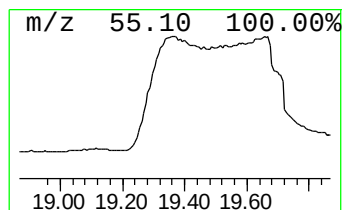
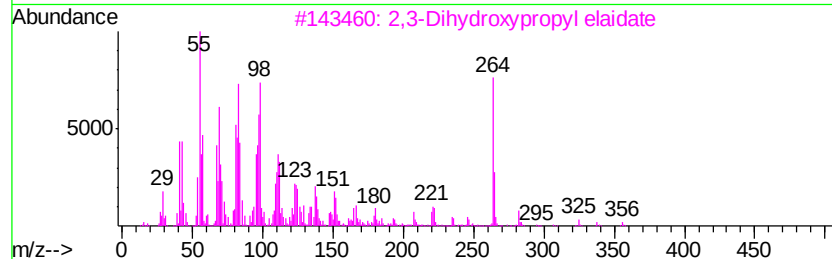
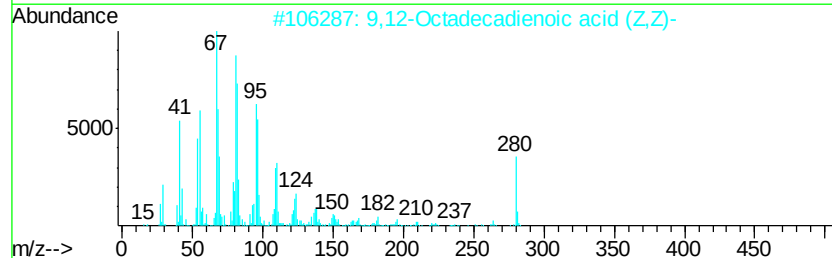
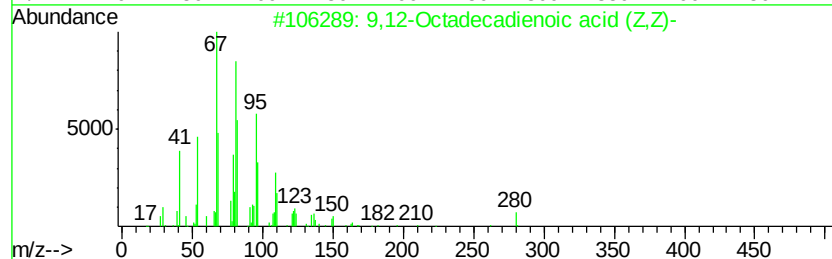
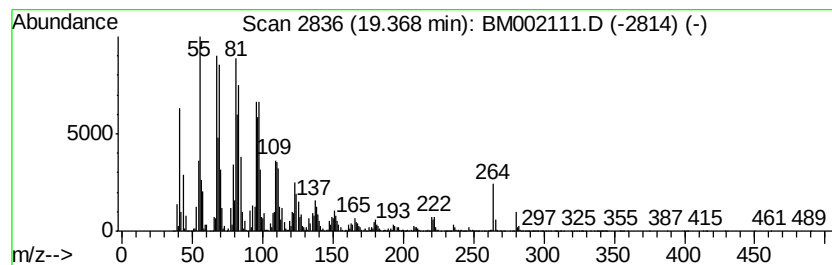
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	510.62 ng/ul	111161000	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94
2		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	90
3		2,3-Dihydroxypropyl elaidate	356	C21H40O4	002716-53-2	86
4		9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	74
5		9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	70



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
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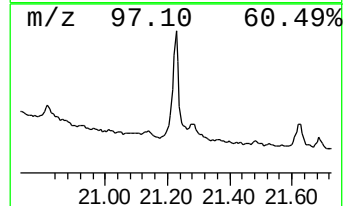
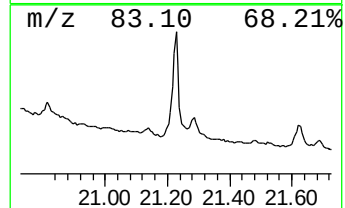
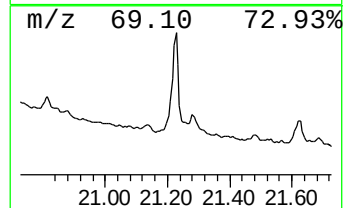
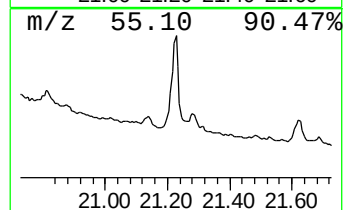
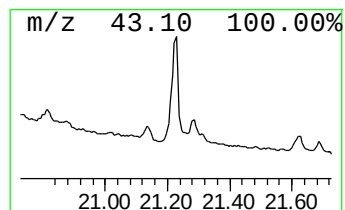
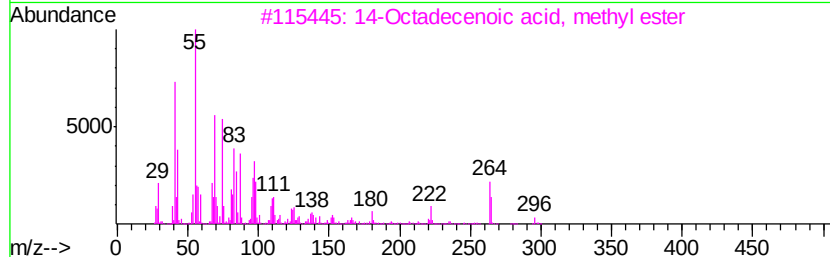
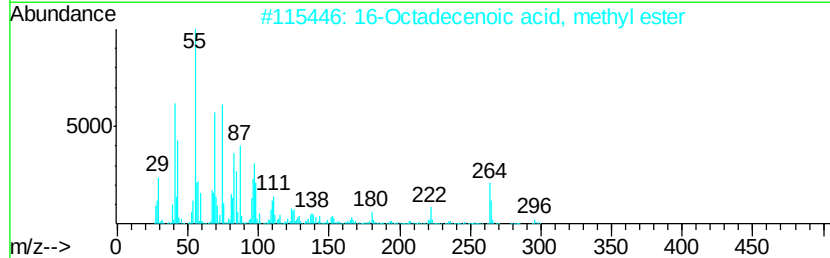
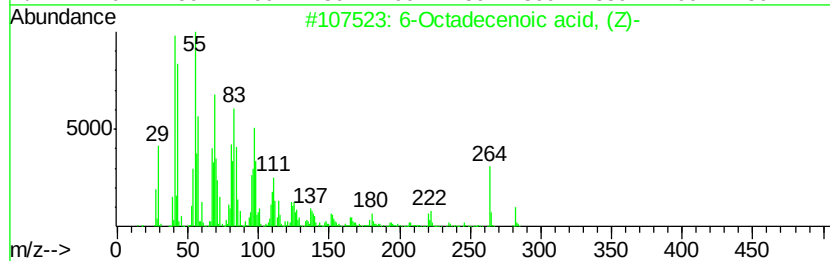
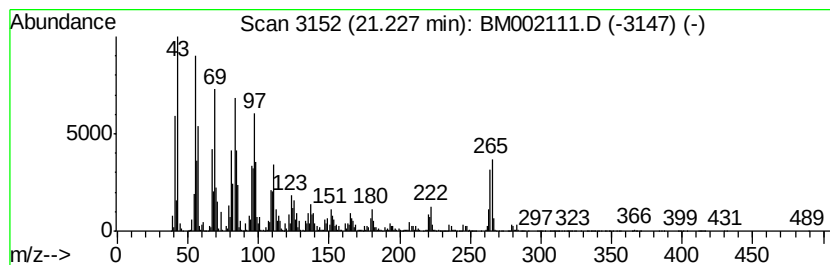
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 6-Octadecenoic acid, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	20.00 ng/ul	4353980	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	87
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	74
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	68
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	58
5		7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	58



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
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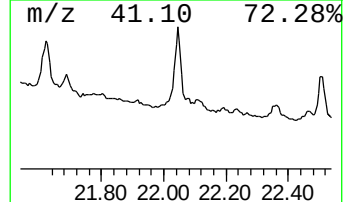
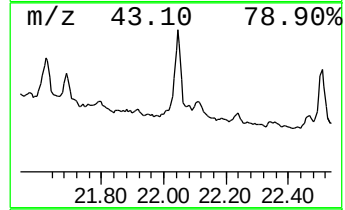
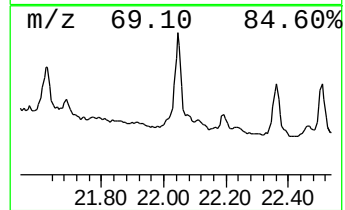
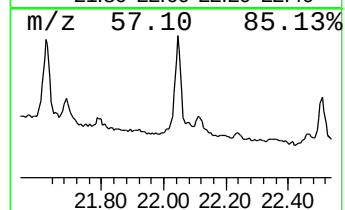
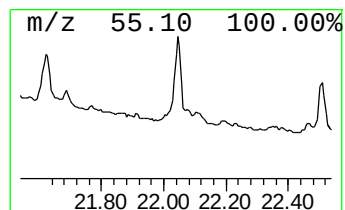
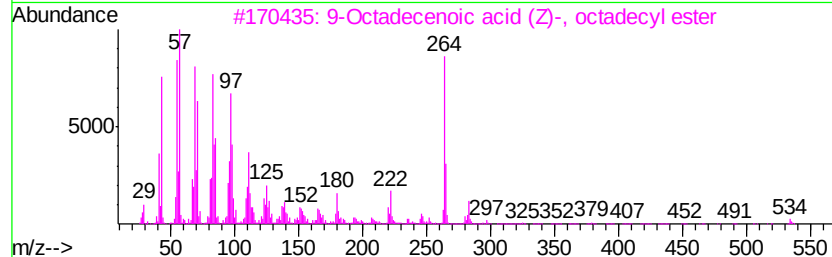
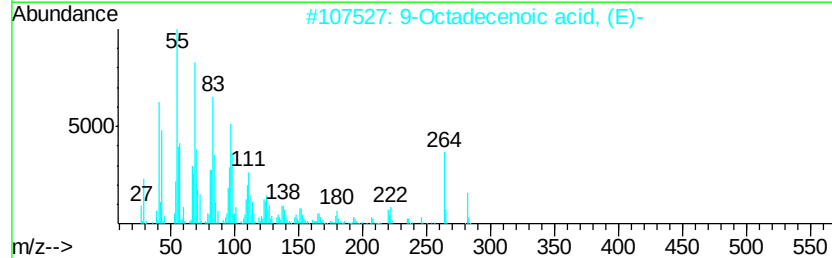
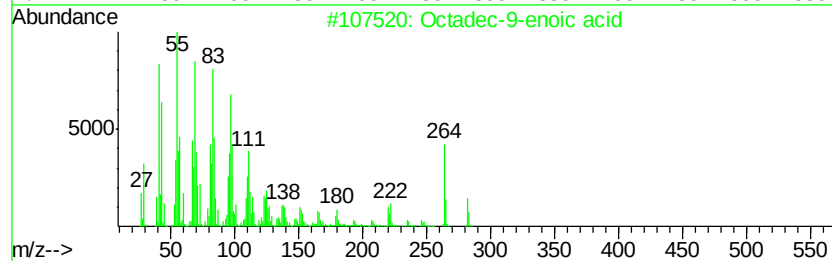
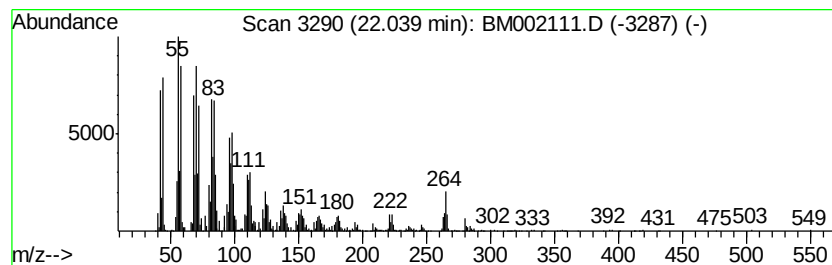
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Octadec-9-enoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	7.76 ng/ul	1688710	Chrysene-d12	21.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	87
2			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	81
3			9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	74
4			Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	74
5			9-Eicosene, (E)-	280	C20H40	074685-29-3	64



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01N0

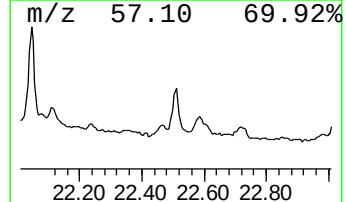
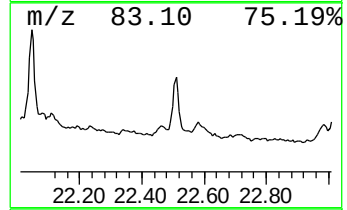
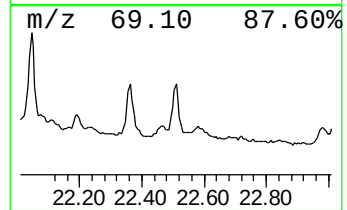
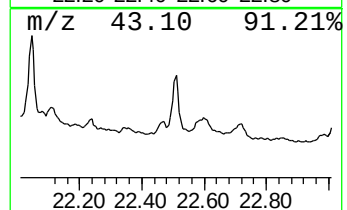
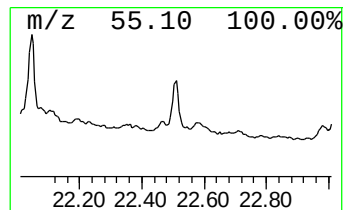
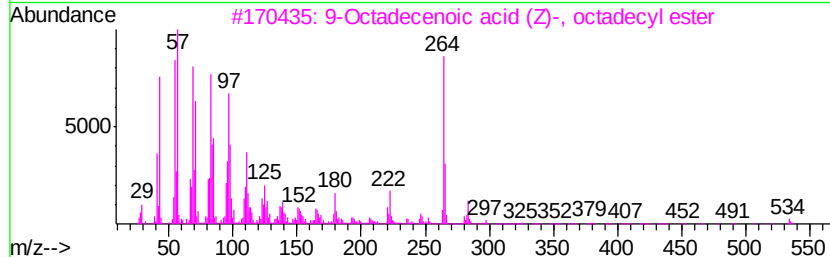
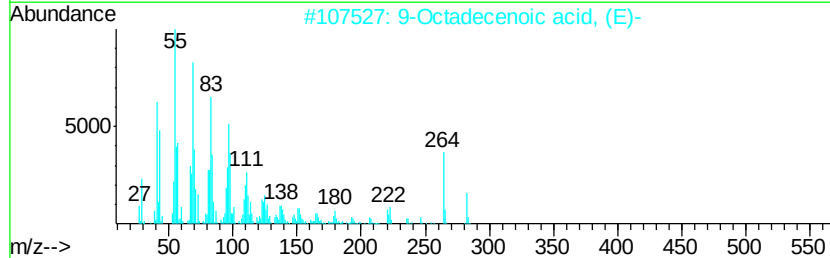
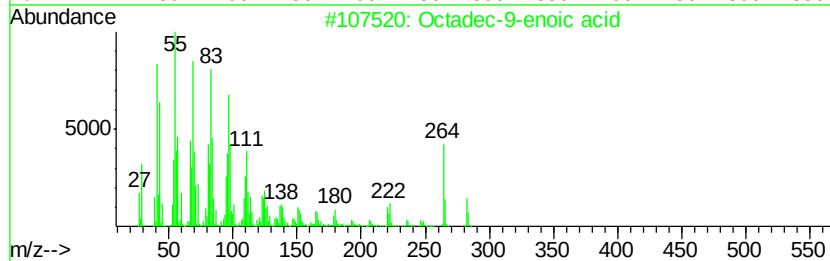
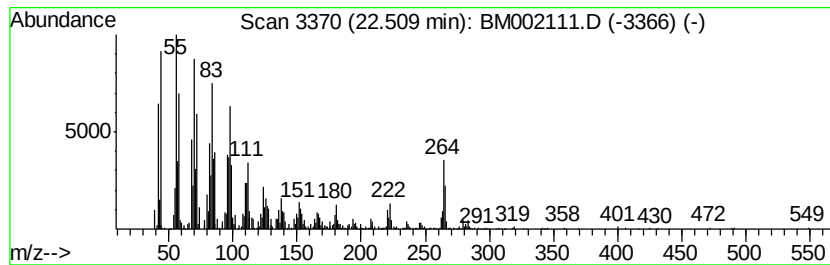
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 9-Octadecenoic acid, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	50.86 ng/ul	1182500	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	89
2		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	89
3		9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	87
4		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	76
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	70



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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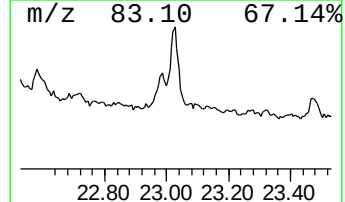
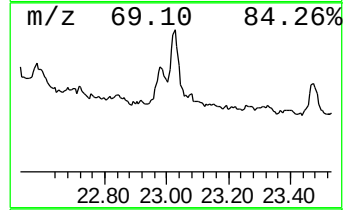
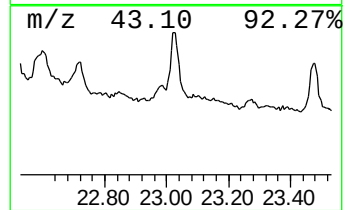
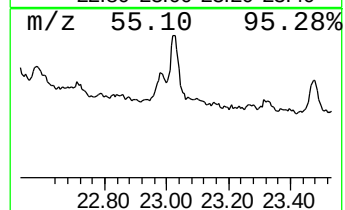
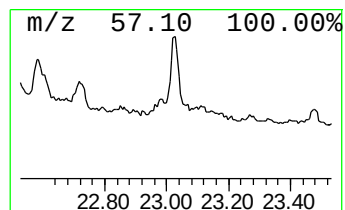
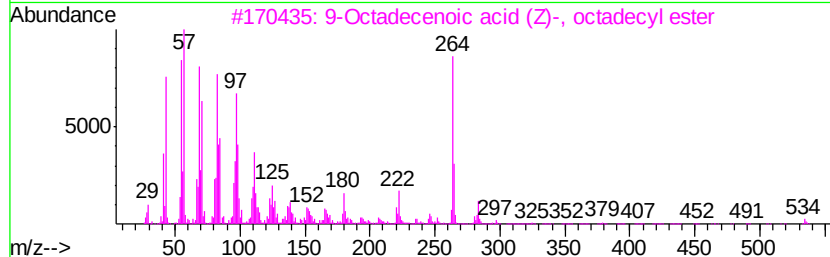
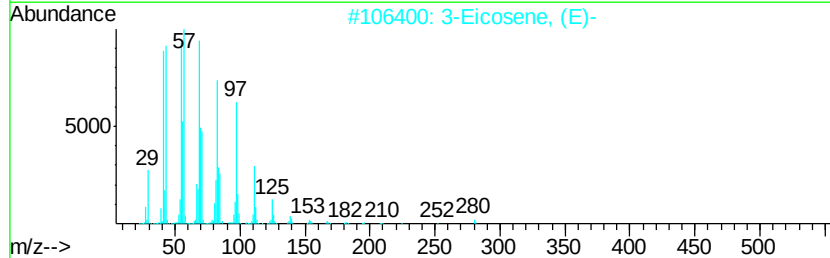
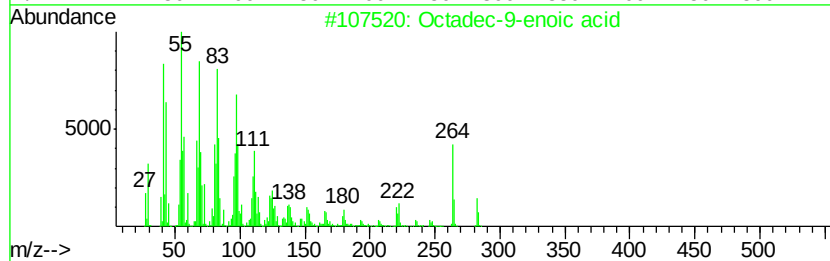
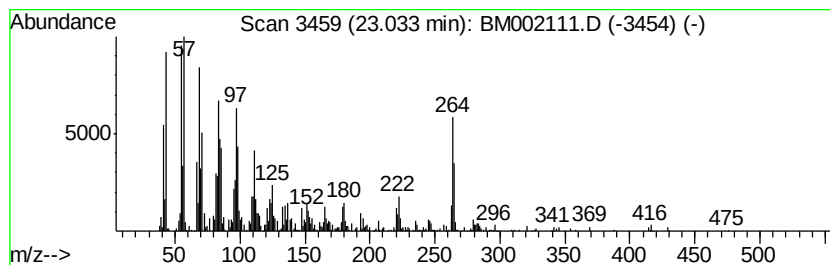
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 3-Eicosene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	39.45 ng/ul	917228	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	87
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	83
3		9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	76
4		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	58
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	58



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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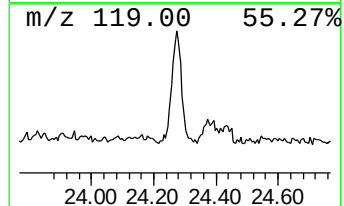
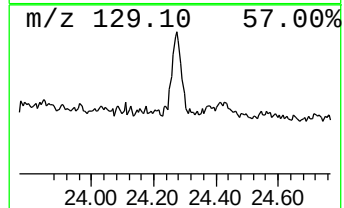
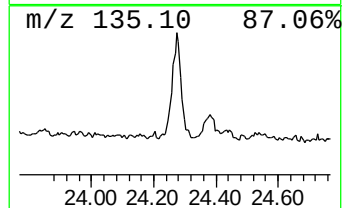
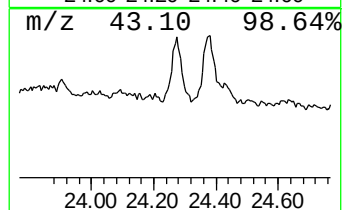
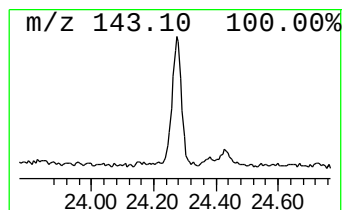
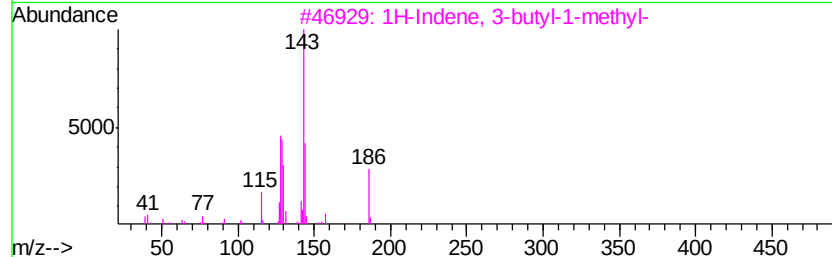
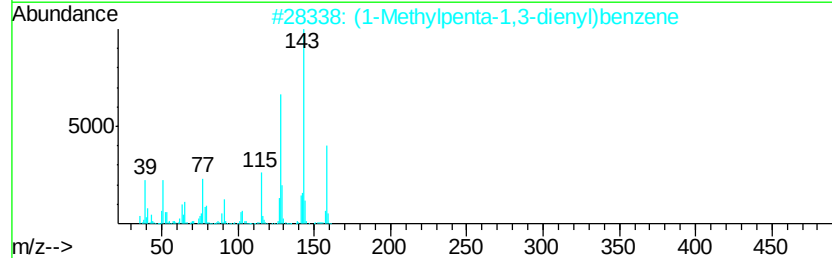
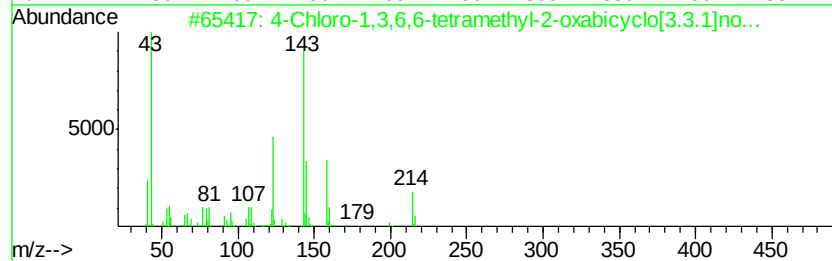
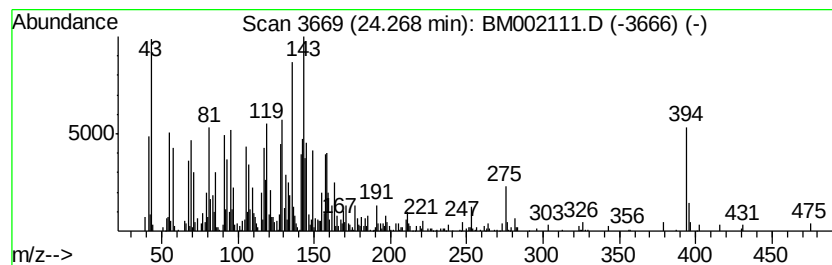
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	32.93 ng/ul	765620	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-1,3,6,6-tetramethyl-2-o...	214	C12H19ClO	1000140-16-1	22
2		(1-Methylpenta-1,3-dienyl)benzene	158	C12H14	116669-49-9	14
3		1H-Indene, 3-butyl-1-methyl-	186	C14H18	111400-84-1	14
4		(3H,6H)Thieno[3,4-c]isoxazole, 3...	143	C6H9NOS	1000115-56-0	14
5		Acetamide, N-[2-(acetyloxy)-5-ch...	227	C10H10ClNO3	055702-50-6	14



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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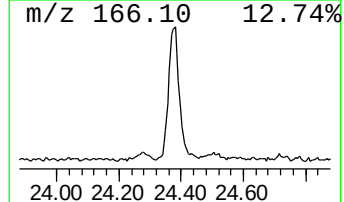
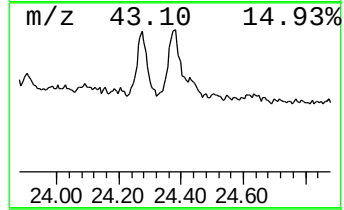
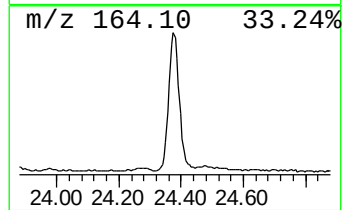
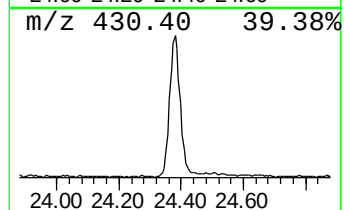
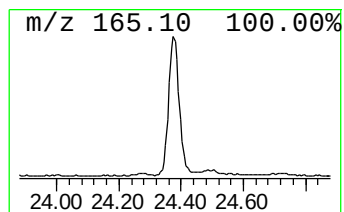
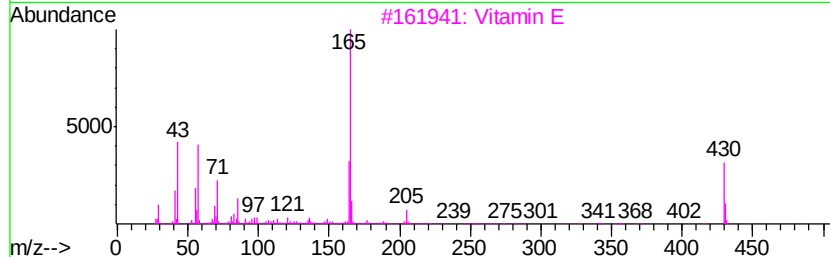
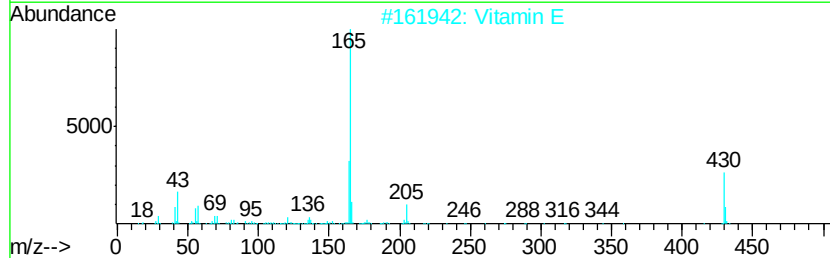
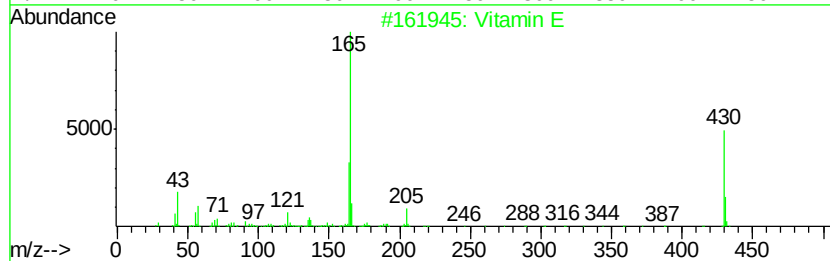
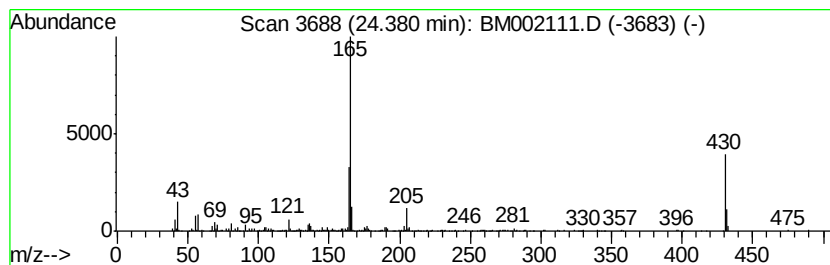
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Vitamin E Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	30.37 ng/ul	705973	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	000059-02-9	99
2		Vitamin E	430	C29H50O2	010191-41-0	96
3		Vitamin E	430	C29H50O2	000059-02-9	95
4		Vitamin E	430	C29H50O2	000059-02-9	94
5		Vitamin E	430	C29H50O2	010191-41-0	93



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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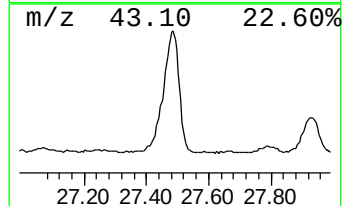
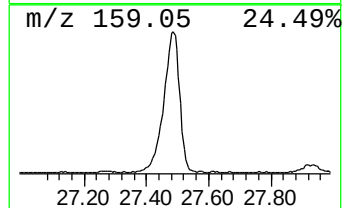
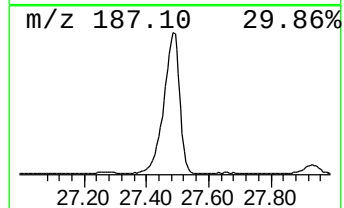
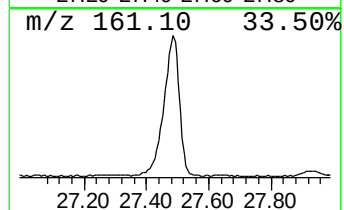
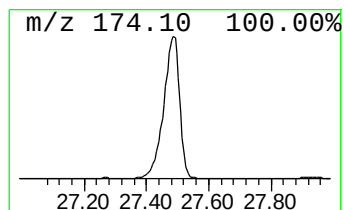
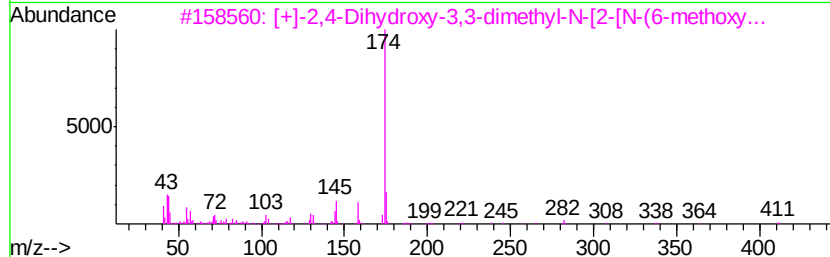
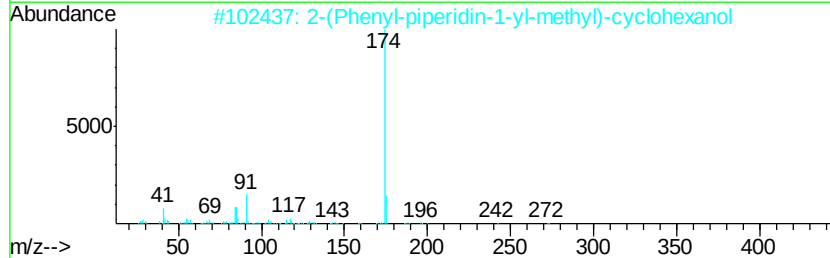
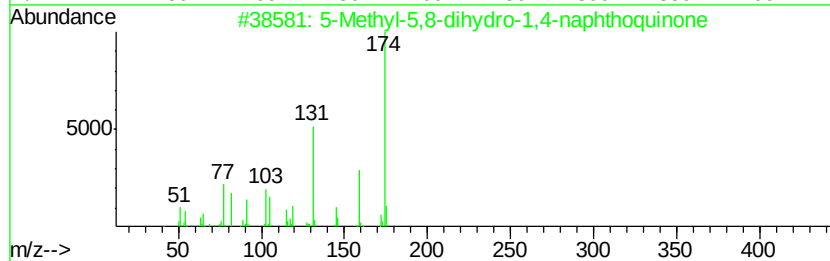
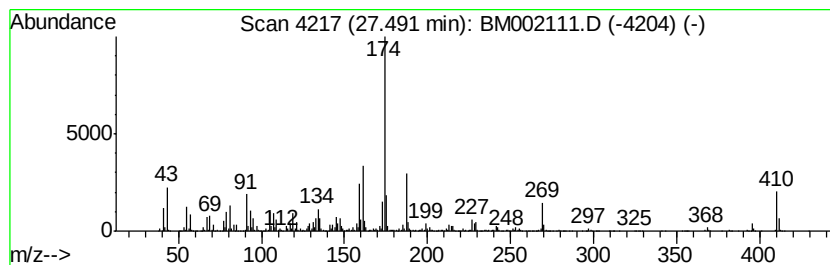
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.49	336.83 ng/ul	7831180	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Methyl-5,8-dihydro-1,4-naphtho...	174	C11H10O2	086759-40-2	43
2		2-(Phenyl-piperidin-1-yl-methyl)...	273	C18H27NO	101887-99-4	38
3		[+]-2,4-Dihydroxy-3,3-dimethyl-N...	411	C18H25N3O6S	028124-68-7	38
4		Quinazoline, 4-ethyl-, 3-oxide	174	C10H10N2O	037920-74-4	38
5		8-Amino-6-methoxyquinoline	174	C10H10N2O	000090-52-8	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
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ClientSampleId :
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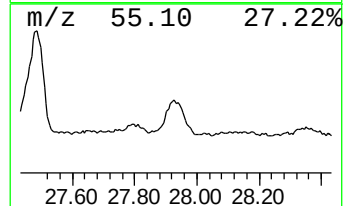
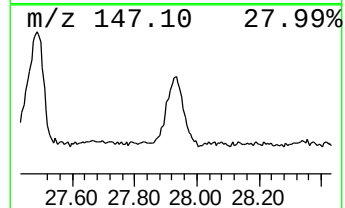
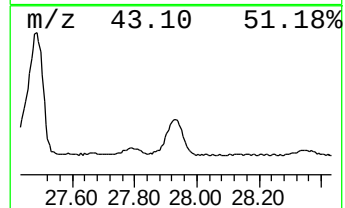
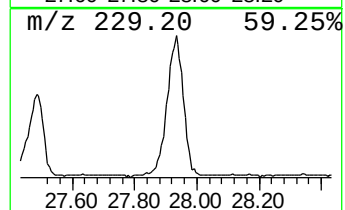
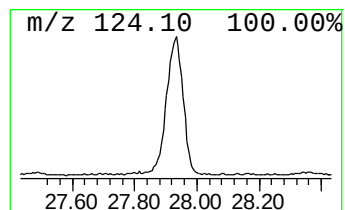
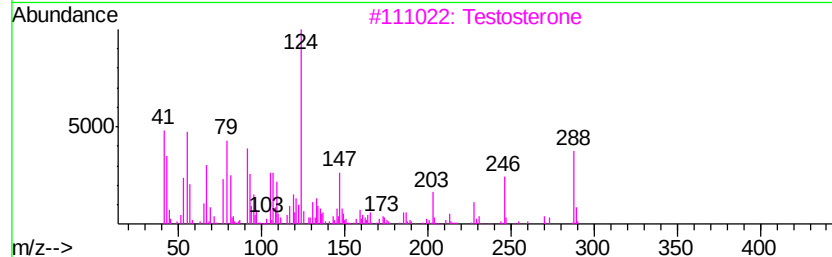
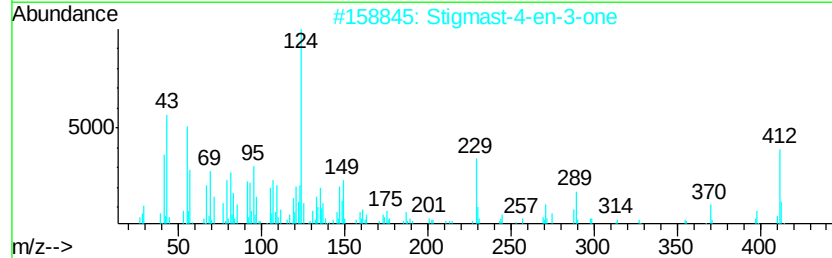
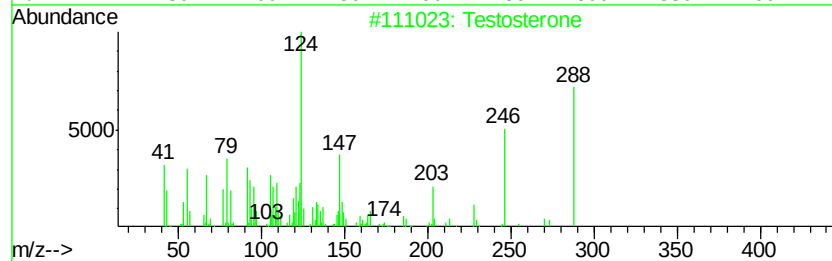
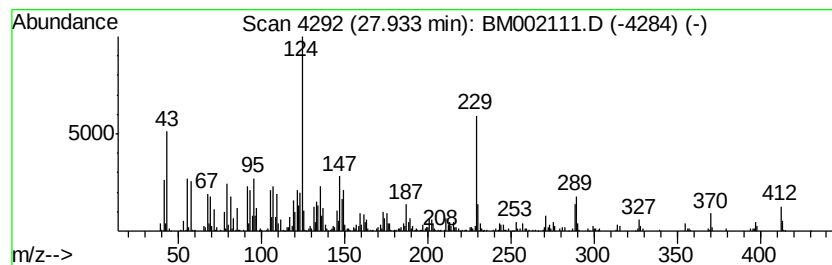
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Testosterone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.93	89.31 ng/ul	2076370	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Testosterone	288	C19H28O2	000058-22-0	64
2		Stigmast-4-en-3-one	412	C29H48O	001058-61-3	64
3		Testosterone	288	C19H28O2	000058-22-0	64
4		1-Naphthalenecarboxylic acid, 8-...	229	C14H15NO2	069674-55-1	59
5		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	53



Data Path : Z:\HPCHEM1\BNA_M\Data\BM072815\
 Data File : BM002111.D
 Acq On : 29 Jul 2015 02:15
 Operator : TP/UM
 Sample : G3030-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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
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Butanoic acid	3.81	8.1	ng/ul	194815	1	7.60	480934	20.0
Hexanal	4.16	13.9	ng/ul	335396	1	7.60	480934	20.0
Butanoic acid, 3-...	4.53	5.0	ng/ul	121479	1	7.60	480934	20.0
1-Hexanol	5.10	7.6	ng/ul	182603	1	7.60	480934	20.0
Pentanoic acid, 2...	6.08	10.6	ng/ul	254574	1	7.60	480934	20.0
Octanal	7.29	4.8	ng/ul	116078	1	7.60	480934	20.0
Nonanal	8.92	9.0	ng/ul	216779	1	7.60	480934	20.0
Octanoic Acid	9.87	101.6	ng/ul	2257570	2	10.39	444218	20.0
2(3H)-Furanone, 5...	11.29	22.8	ng/ul	506025	2	10.39	444218	20.0
unknown-01	12.49	6.8	ng/ul	162399	3	14.26	477028	20.0
n-Decanoic acid	12.63	19.4	ng/ul	463379	3	14.26	477028	20.0
2(3H)-Furanone, d...	12.73	352.7	ng/ul	8411480	3	14.26	477028	20.0
Dodecanoic acid	14.80	226.2	ng/ul	5396180	3	14.26	477028	20.0
Tetradecanoic acid	16.54	20.0	ng/ul	16458400	4	17.03	16458400	20.0
n-Hexadecanoic acid	18.05	120.8	ng/ul	99439500	4	17.03	16458400	20.0
9,12-Octadecadien...	19.37	510.6	ng/ul	111161000	5	21.30	4353980	20.0
6-Octadecenoic ac...	21.23	20.0	ng/ul	4353980	5	21.30	4353980	20.0
Octadec-9-enoic acid	22.04	7.8	ng/ul	1688710	5	21.30	4353980	20.0
9-Octadecenoic ac...	22.51	50.9	ng/ul	1182500	6	23.43	464990	20.0
3-Eicosene, (E)-	23.03	39.5	ng/ul	917228	6	23.43	464990	20.0
unknown-02	24.27	32.9	ng/ul	765620	6	23.43	464990	20.0
Vitamin E	24.38	30.4	ng/ul	705973	6	23.43	464990	20.0
unknown-03	27.49	336.8	ng/ul	7831180	6	23.43	464990	20.0
Testosterone	27.93	89.3	ng/ul	2076370	6	23.43	464990	20.0