

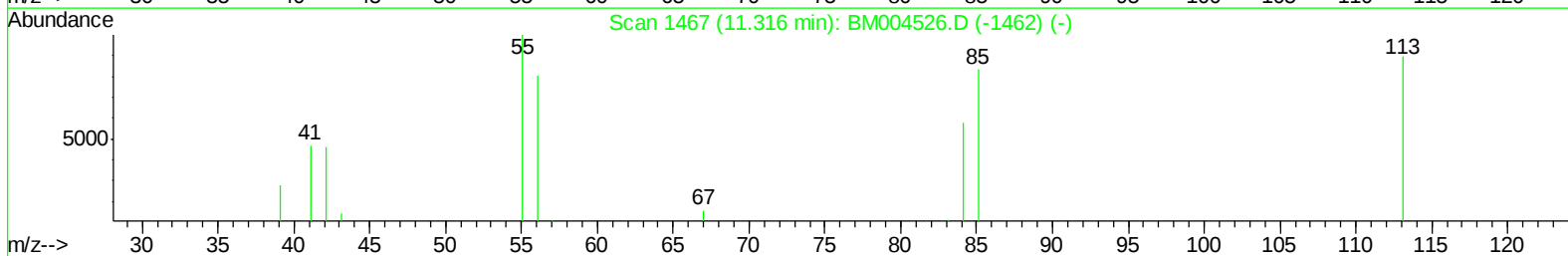
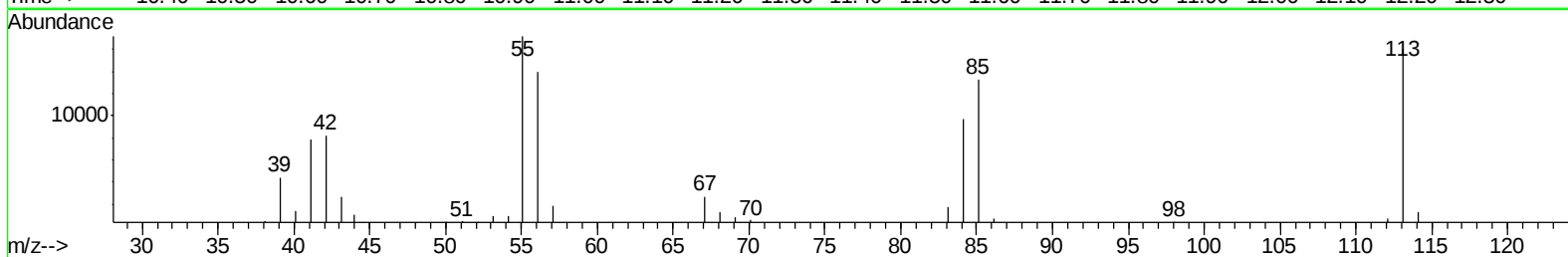
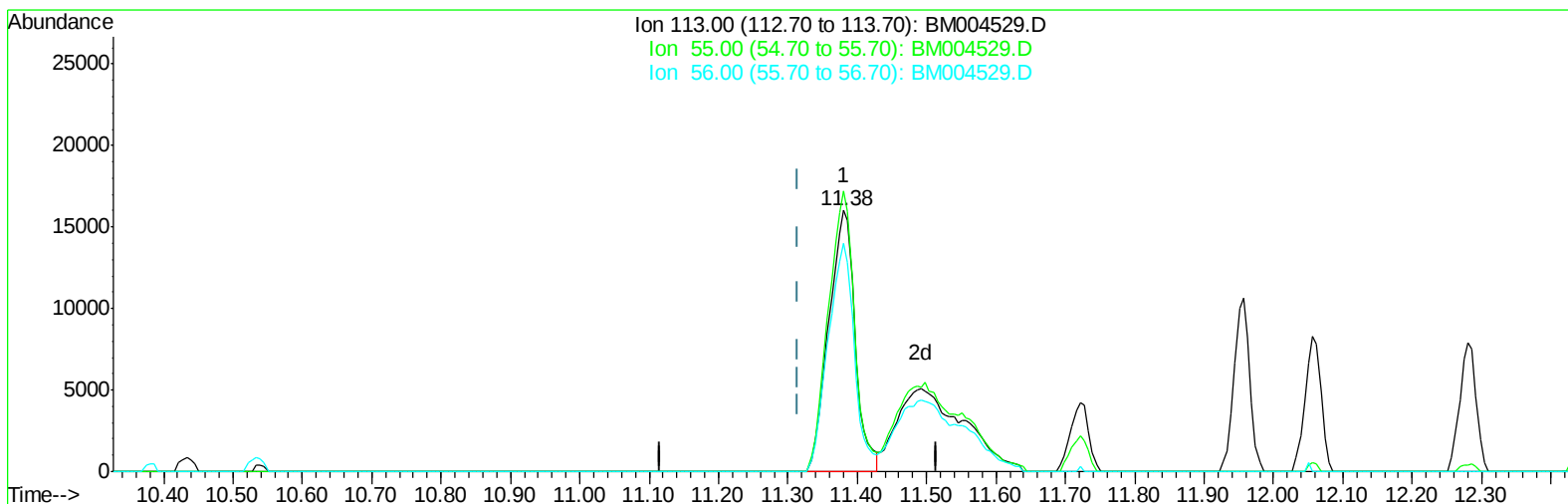
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004529.D
Acq On : 03 Mar 2016 12:53
Operator : SJ/UM
Sample : SSTD16039
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16039

Manual Integrations
APPROVED

UMANGI
3/4/2016 4:20:56 PM

Quant Time: Mar 03 13:33:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 03 12:35:36 2016
Response via : Initial Calibration



TIC: BM004529.D

(32) Caprolactam

11.380min (+0.065) 66.79ng/ul

response 42024

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	107.56
56.00	101.50	87.61
0.00	0.00	0.00

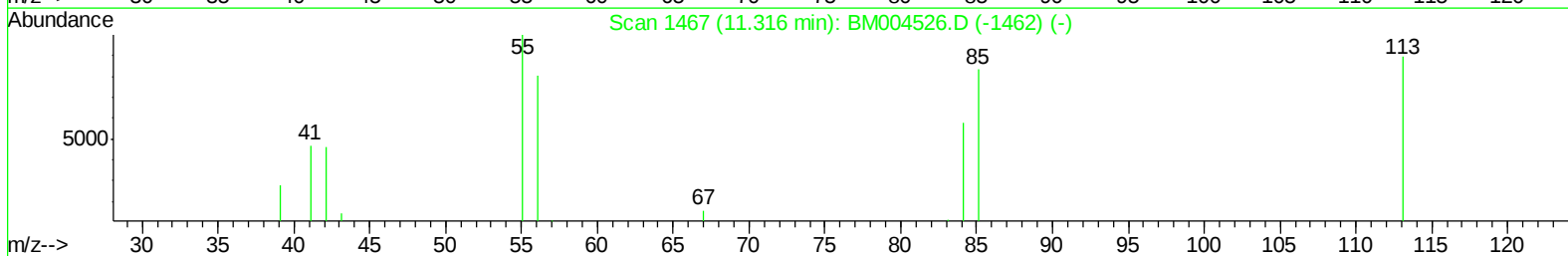
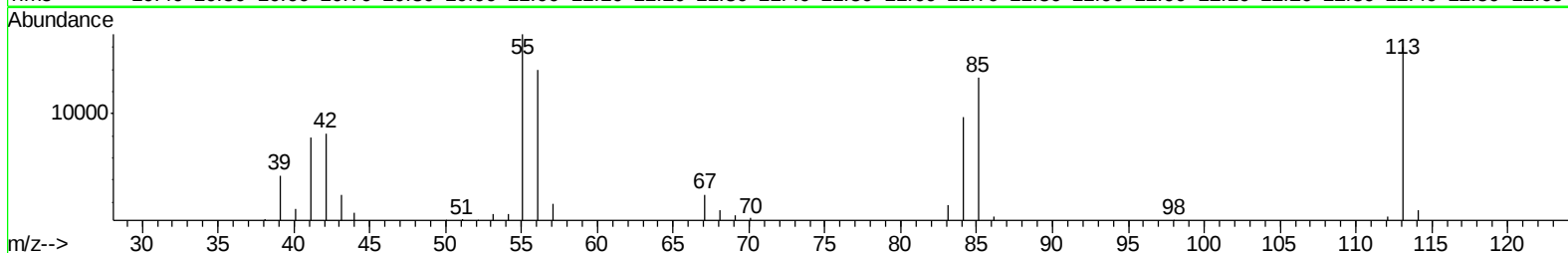
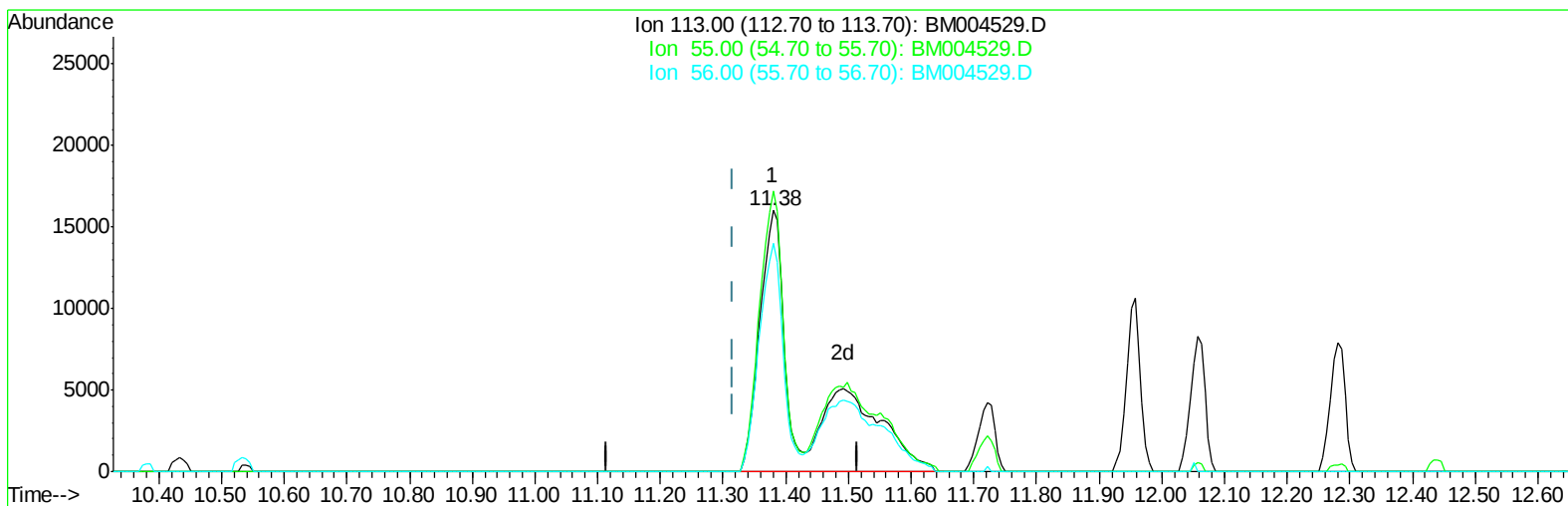
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(32) Caprolactam

11.380min (+0.065) 120.96ng/ul m

response 76105

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	107.56
56.00	101.50	87.61
0.00	0.00	0.00

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Quant Time: Mar 03 13:35:06 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 03 12:35:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	25491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	109415	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	58345	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	120102	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	118571	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	125188	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.80	99	308093	144.14	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	151027	138.93	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.34	113	257896	135.02	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.53	131	236510	110.63	ng/ul	0.00
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.53	143	116692	145.09	ng/ul	0.02
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.43	200	128249	173.83	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

						Qvalue
4) Benzaldehyde	6.75	77	74694	64.60	ng/ul	91
6) Phenol	6.83	94	320933	140.79	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	239758	142.09	ng/ul	96
11) 2-Methylphenol	8.06	108	256354	137.91	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	212465	131.15	ng/ul	97
14) Acetophenone	8.43	105	380017	126.97	ng/ul	95
16) 4-Methylphenol	8.41	108	268741	131.86	ng/ul	99
30) 4-Chloroaniline	10.56	127	253823	112.74	ng/ul	99
32) Caprolactam	11.38	113	76105m	120.96	ng/ul	
38) Hexachlorocyclopentadiene	12.40	237	174826	241.66	ng/ul	99
49) 3-Nitroaniline	14.20	138	133577	128.66	ng/ul	93
51) 2,4-Dinitrophenol	14.42	184	96701	203.67	ng/ul#	87
53) 4-Nitrophenol	14.54	109	80832	134.43	ng/ul	90
61) 4-Nitroaniline	15.38	138	156239	139.60	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.44	198	137268	172.69	ng/ul#	91
68) Atrazine	16.50	200	203997	143.14	ng/ul	97
69) Pentachlorophenol	16.68	266	111570	194.35	ng/ul	100
75) Carbazole	17.43	167	904869	141.66	ng/ul	99
77) Fluoranthene	19.09	202	1106549	135.39	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.15	252	342710	143.47	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	1241045	120.46	ng/ul#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

