

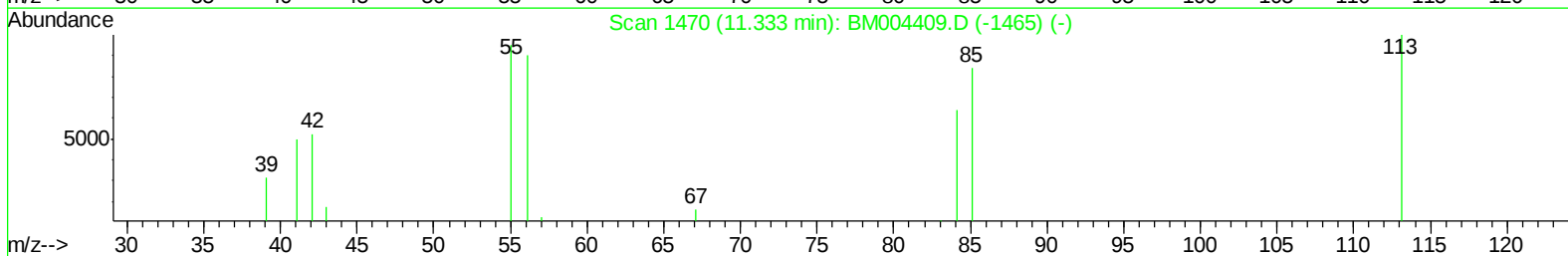
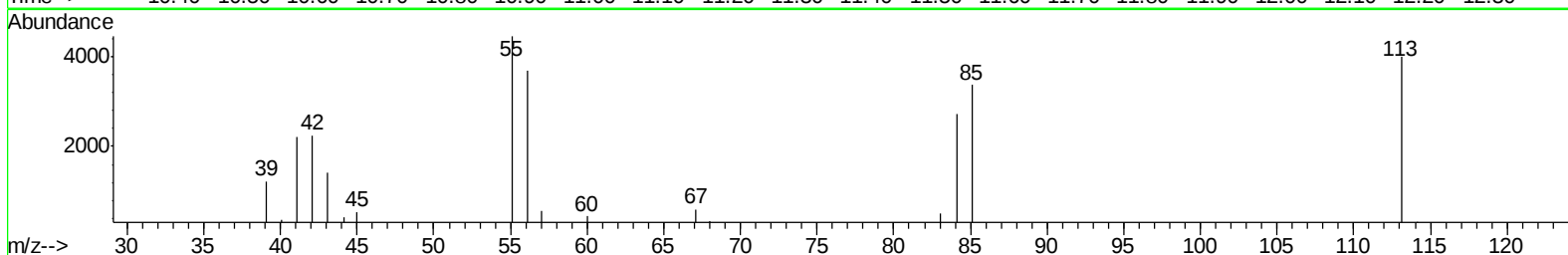
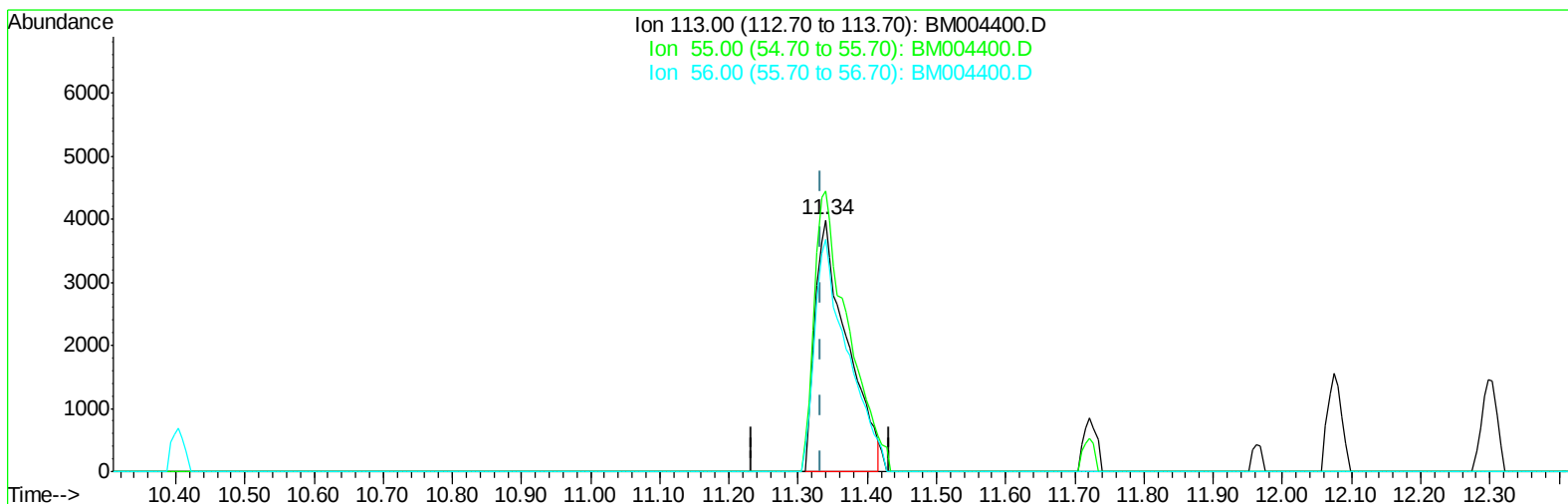
Data Path : Z:\HPCHEM1\BNA M\Data\BM022516\
Data File : BM004400.D
Acq On : 25 Feb 2016 11:13
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02057

Manual Integrations
APPROVED

Sohil
2/26/2016 5:06:54 PM

Quant Time: Feb 26 12:09:06 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 03:49:40 2016
Response via : Initial Calibration



TIC: BM004400.D

(32) Caprolactam

11.339min (+0.006) 16.90ng/ul

response 12744

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	111.49
56.00	101.50	92.02
0.00	0.00	0.00

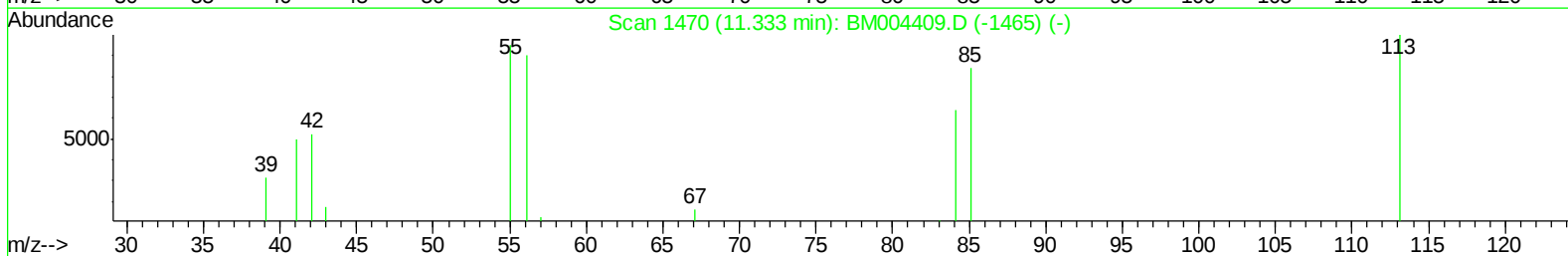
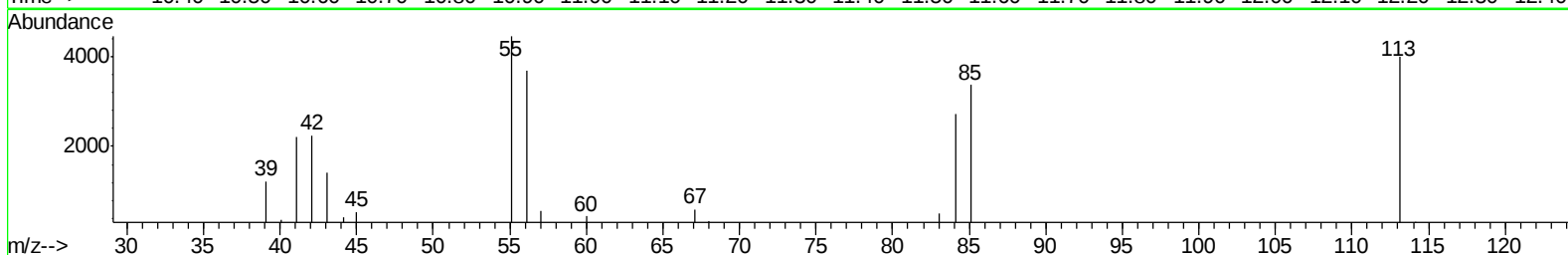
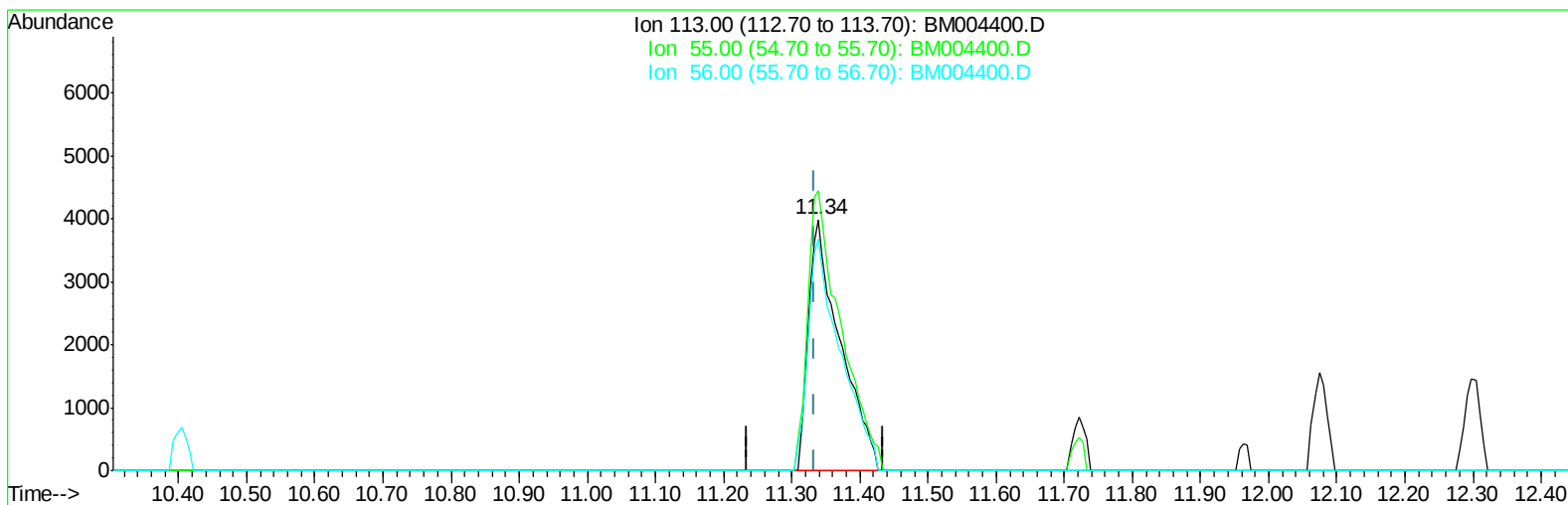
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Quant Time: Feb 26 12:07:12 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 25 02:09:59 2016
Response via : Initial Calibration



TIC: BM004400.D

(32) Caprolactam

11.339min (+0.004) 17.05ng/ul m

response 12854

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	111.49
56.00	101.50	92.02
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	27945	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	131107	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	79463	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	164150	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	148300	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	138301	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	3983	7.51	ng/uL	0.00
5) Phenol-d5	6.80	99	44096	18.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	22711	19.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	38964	19.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	39641	18.93	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	20295	20.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	23233	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	40585	19.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	54628	21.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	127807	18.75	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	158396	19.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	18322	16.73	ng/ul	0.00
58) Fluorene-d10	15.28	176	108278	18.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	16591	16.45	ng/ul	0.00
71) Anthracene-d10	17.13	188	156332	19.44	ng/ul	0.00
79) Pyrene-d10	19.44	212	155973	21.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	144242	19.87	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.11	88	4452	7.29	ng/uL	96
4) Benzaldehyde	6.76	77	28321	22.34	ng/ul	93
6) Phenol	6.83	94	46789	18.72	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	35229	19.04	ng/ul	96
10) 2-Chlorophenol	7.19	128	40521	19.29	ng/ul	97
11) 2-Methylphenol	8.07	108	37879	18.59	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	32581	18.35	ng/ul	99
14) Acetophenone	8.44	105	63766	19.43	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	29622	18.79	ng/ul	96
16) 4-Methylphenol	8.40	108	41896	18.75	ng/ul	97
17) Hexachloroethane	8.68	117	15670	19.63	ng/ul	92
20) Nitrobenzene	8.82	77	41978	19.25	ng/ul	93
21) Isophorone	9.34	82	85998	19.03	ng/ul	96
23) 2-Nitrophenol	9.53	139	25902	20.25	ng/ul	93
24) 2,4-Dimethylphenol	9.60	107	49684	19.45	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.82	93	52640	19.33	ng/ul	100
27) 2,4-Dichlorophenol	10.07	162	42503	19.63	ng/ul	99
28) Naphthalene	10.45	128	141095	19.30	ng/ul	100
30) 4-Chloroaniline	10.57	127	57371	21.27	ng/ul	98
31) Hexachlorobutadiene	10.73	225	27133	19.96	ng/ul	99
32) Caprolactam	11.34	113	12854m	17.05	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	47796	18.85	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	105466	19.28	ng/ul	98

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Sohil
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Quant Time: Feb 26 12:07:12 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 25 02:09:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	99538	19.13	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	54186	20.51	ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	14726	14.95	ng/ul	99
39) 2,4,6-Trichlorophenol	12.71	196	34965	20.36	ng/ul	98
40) 2,4,5-Trichlorophenol	12.79	196	37581	20.16	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	136989	20.06	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	103696	19.96	ng/ul	99
43) 2-Nitroaniline	13.37	65	25252	19.28	ng/ul	90
45) Dimethylphthalate	13.74	163	132998	18.71	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	27854	19.54	ng/ul	96
48) Acenaphthylene	14.00	152	169137	19.48	ng/ul	100
49) 3-Nitroaniline	14.20	138	27129	19.19	ng/ul	94
50) Acenaphthene	14.34	153	114143	19.26	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	7669	11.86	ng/ul	90
53) 4-Nitrophenol	14.54	109	13554	16.55	ng/ul	91
54) Dibenzofuran	14.68	168	158828	19.19	ng/ul	96
55) 2,4-Dinitrotoluene	14.67	165	38950	18.30	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.92	232	29424	19.06	ng/ul	93
57) Diethylphthalate	15.11	149	131904	17.94	ng/ul	99
59) Fluorene	15.33	166	129585	18.89	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	64914	19.28	ng/ul	94
61) 4-Nitroaniline	15.37	138	25336	16.62	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.44	198	17978	16.55	ng/ul	94
65) N-Nitrosodiphenylamine	15.55	169	110369	21.02	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	37896	21.19	ng/ul	92
67) Hexachlorobenzene	16.34	284	40898	20.58	ng/ul	96
68) Atrazine	16.50	200	38300	19.66	ng/ul	98
69) Pentachlorophenol	16.70	266	15803	20.14	ng/ul	99
70) Phenanthrene	17.08	178	192870	19.56	ng/ul	99
72) Anthracene	17.17	178	197018	19.67	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	50235	22.97	ng/uL	99
74) Pentachlorobenzene	14.61	250	49843	22.18	ng/uL	99
75) Carbazole	17.44	167	164760	18.87	ng/ul	99
76) Di-n-butylphthalate	18.00	149	244083	20.14	ng/ul	99
77) Fluoranthene	19.11	202	205245	18.37	ng/ul	99
80) Pvrene	19.47	202	211032	21.77	ng/ul	98
81) Butylbenzylphthalate	20.38	149	87754	20.58	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.17	252	58299	19.51	ng/ul	98
83) Benzo(a)anthracene	21.23	228	187231	19.62	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	126239	20.02	ng/ul	98
85) Chrysene	21.29	228	176088	19.19	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	212147	18.64	ng/ul	98
88) Benzo(b)fluoranthene	22.81	252	172783	18.49	ng/ul	99
89) Benzo(k)fluoranthene	22.85	252	172036	19.54	ng/ul	99
91) Benzo(a)pyrene	23.38	252	171512	19.75	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.71	276	192017	23.64	ng/ul	100
93) Dibenzo(a,h)anthracene	25.71	278	160003	23.87	ng/ul	99
94) Benzo(a,h,i)perylene	26.40	276	165396	24.76	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

