Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070517\
Data File : BM010783.D
Acq On : 05 Jul 2017 10:38
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02010

Manual Integrations APPROVED
mohammad
7/7/2017 8:36:09 AM

Quant Time: Jul 05 17:30:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 03:38:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	76908	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.22	136	346840	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	250939	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.86	188	697967	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	818577	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	619982	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	11932	8.89	ng/uL	0.00
5) Phenol-d5	6.64	99	130441	17.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	74844	17.90	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	100513	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	111266	18.32	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	51095	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	59855	21.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	124570	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	145752	23.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	439032	19.93	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	513743	20.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	72090	18.60	ng/ul	0.00
57) Fluorene-d10	15.10	176	398180	20.91	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.23	200	87740	20.47	ng/ul	0.00
70) Anthracene-d10	16.96	188	670563	19.89	ng/ul	0.00
76) Pyrene-d10	19.27	212	809619	21.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	620102	20.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	13076	8.72	ng/uL#	37
4) Benzaldehyde	6.61	77	97708	22.66	ng/ul	98
6) Phenol	6.67	94	134027	17.76	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	100144	18.23	ng/ul	92
10) 2-Chlorophenol	7.03	128	96510	18.79	ng/ul	96
11) 2-Methylphenol	7.90	108	104368	18.15	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.00	45	62731	16.36	ng/ul#	89
14) Acetophenone	8.27	105	181356	18.29	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.26	70	99981	18.71	ng/ul#	86
16) 4-Methylphenol	8.23	108	116583	18.42	ng/ul	95
17) Hexachloroethane	8.51	117	46053	20.16	ng/ul#	74
20) Nitrobenzene	8.64	77	156039	21.61	ng/ul	96
21) Isophorone	9.16	82	261823	18.24	ng/ul	98
23) 2-Nitrophenol	9.34	139	62105	20.54	ng/ul#	91
24) 2,4-Dimethylphenol	9.42	107	156249	20.32	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.65	93	148023	18.60	ng/ul	94
27) 2,4-Dichlorophenol	9.87	162	119138	20.39	ng/ul#	85
28) Naphthalene	10.26	128	339544	19.67	ng/ul	98
30) 4-Chloroaniline	10.38	127	143686	22.59	ng/ul	92
31) Hexachlorobutadiene	10.56	225	96635	21.93	ng/ul	92
32) Caprolactam	11.15	113	36711m	17.91	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	147636	19.81	ng/ul	95
34) 2-Methylnaphthalene	11.89	142	277331	19.99	ng/ul	95

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	186246	21.03 ng/ul#	92
37) Hexachlorocyclopentadiene	12.25	237	83257	16.35 ng/ul#	96
38) 2,4,6-Trichlorophenol	12.52	196	124480	20.58 ng/ul	95
39) 2,4,5-Trichlorophenol	12.59	196	129397	20.72 ng/ul	98
40) 1,1'-Biphenyl	12.93	154	396361	20.20 ng/ul	99
41) 2-Chloronaphthalene	12.96	162	312979	20.27 ng/ul	93
42) 2-Nitroaniline	13.18	65	105217	23.30 ng/ul	95
44) Dimethylphthalate	13.57	163	429255	19.88 ng/ul	99
45) 2,6-Dinitrotoluene	13.69	165	85312	22.81 ng/ul#	74
47) Acenaphthylene	13.82	152	479399	19.64 ng/ul	99
48) 3-Nitroaniline	14.02	138	84299	22.35 ng/ul	90
49) Acenaphthene	14.17	153	325881	19.79 ng/ul	97
50) 2,4-Dinitrophenol	14.23	184	54843	20.25 ng/ul#	72
52) 4-Nitrophenol	14.34	109	119228	24.24 ng/ul#	79
53) Dibenzofuran	14.51	168	512538	20.56 ng/ul	92
54) 2,4-Dinitrotoluene	14.49	165	131181	22.61 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.74	232	132306	20.94 ng/ul#	82
56) Diethylphthalate	14.96	149	452506	19.92 ng/ul	96
58) Fluorene	15.16	166	427332	20.47 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.17	204	238541	21.03 ng/ul	90
60) 4-Nitroaniline	15.19	138	90610	20.34 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.25	198	88096	19.29 ng/ul	95
64) N-Nitrosodiphenylamine	15.38	169	374402	19.34 ng/ul	100
65) 4-Bromophenyl-phenylether	16.06	248	157112	19.66 ng/ul#	87
66) Hexachlorobenzene	16.17	284	164966	19.60 ng/ul#	83
67) Atrazine	16.35	200	166396	20.40 ng/ul	95
68) Pentachlorophenol	16.52	266	110427	18.61 ng/ul	97
69) Phenanthrene	16.90	178	733514	19.77 ng/ul	99
71) Anthracene	16.99	178	767289	20.07 ng/ul	99
72) Carbazole	17.27	167	652119	19.55 ng/ul	98
73) Di-n-butylphthalate	17.85	149	815442	19.23 ng/ul	99
74) Fluoranthene	18.93	202	990952	20.72 ng/ul#	97
77) Pyrene	19.30	202	1004384	21.24 ng/ul#	96
78) Butylbenzylphthalate	20.23	149	383488	21.58 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.00	252	311312	19.01 ng/ul	95
80) Benzo(a)anthracene	21.06	228	984749	20.66 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.02	149	564380	20.81 ng/ul#	97
82) Chrysene	21.11	228	869968	20.47 ng/ul	99
84) Di-n-octyl phthalate	21.87	149	934937	21.58 ng/ul#	95
85) Benzo(b)fluoranthene	22.58	252	835491m	20.76 ng/ul	
86) Benzo(k)fluoranthene	22.62	252	809589	21.22 ng/ul	99
88) Benzo(a)pyrene	23.12	252	761584	20.56 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.32	276	769116	20.01 ng/ul	99
90) Dibenzo(a,h)anthracene	25.33	278	629794	19.67 ng/ul#	97
91) Benzo(g,h,i)perylene	25.96	276	627534	20.51 ng/ul	98

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

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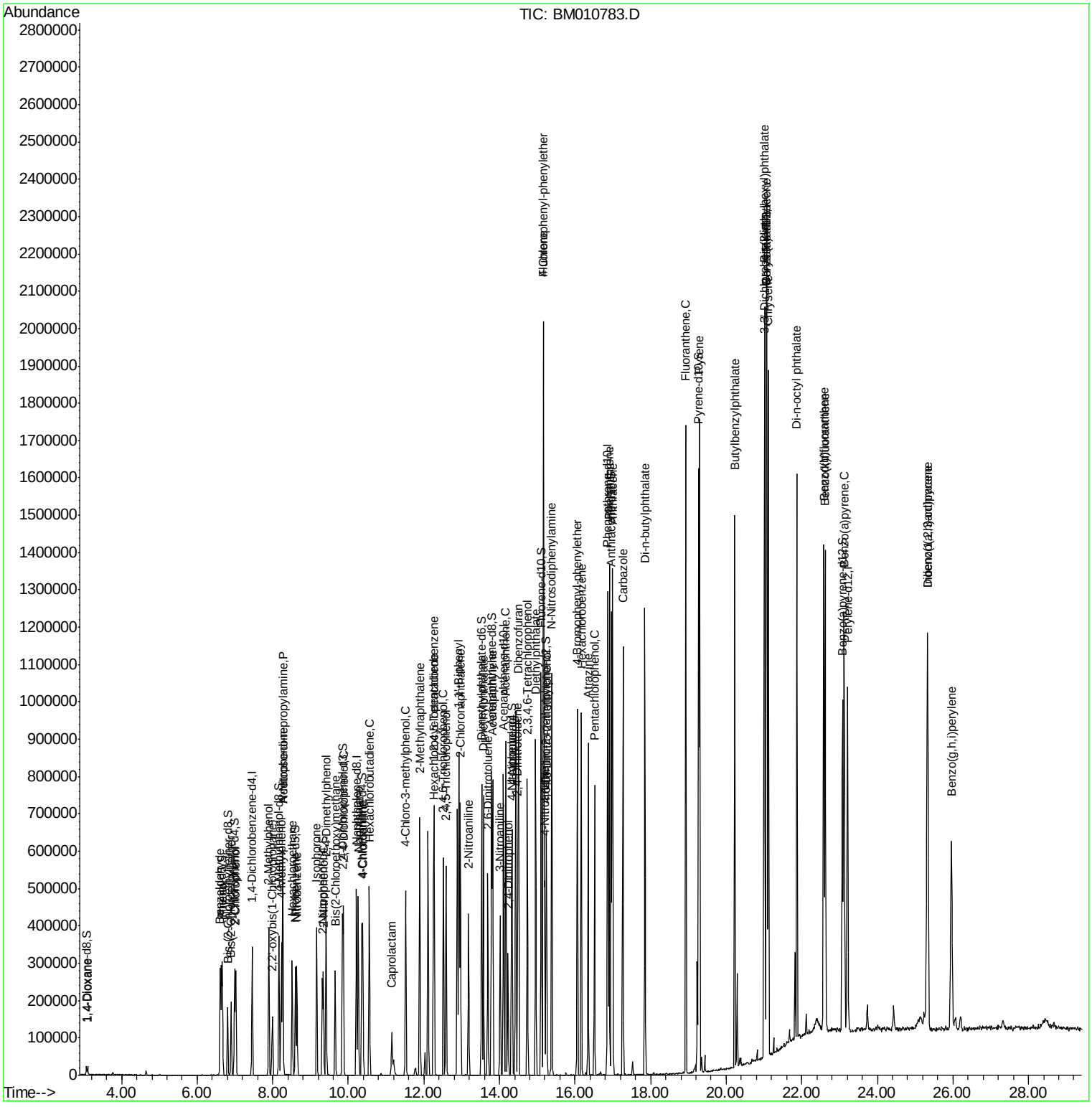

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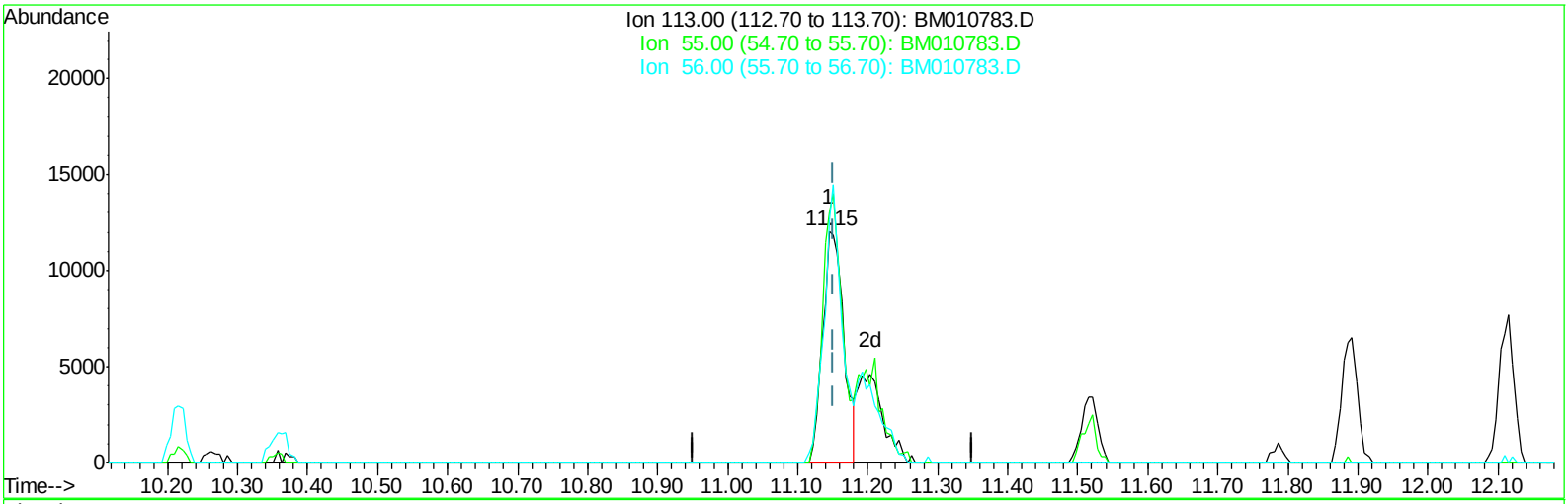

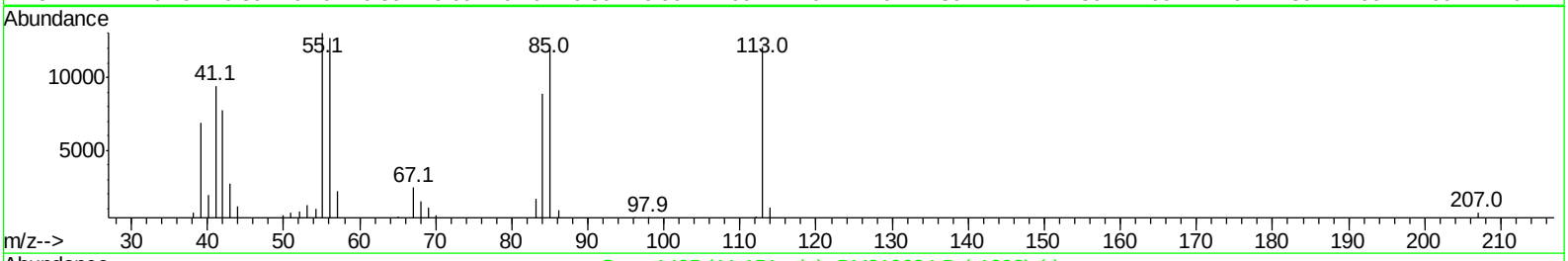

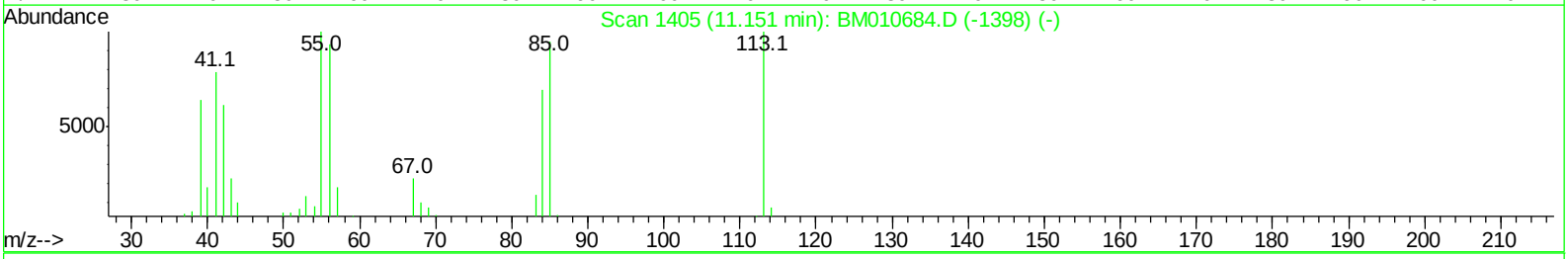

TIC: BM010783.D

(32) Caprolactam

11.145min (-0.006) 12.33ng/ul

response 25271

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	108.07
56.00	107.50	104.98
0.00	0.00	0.00

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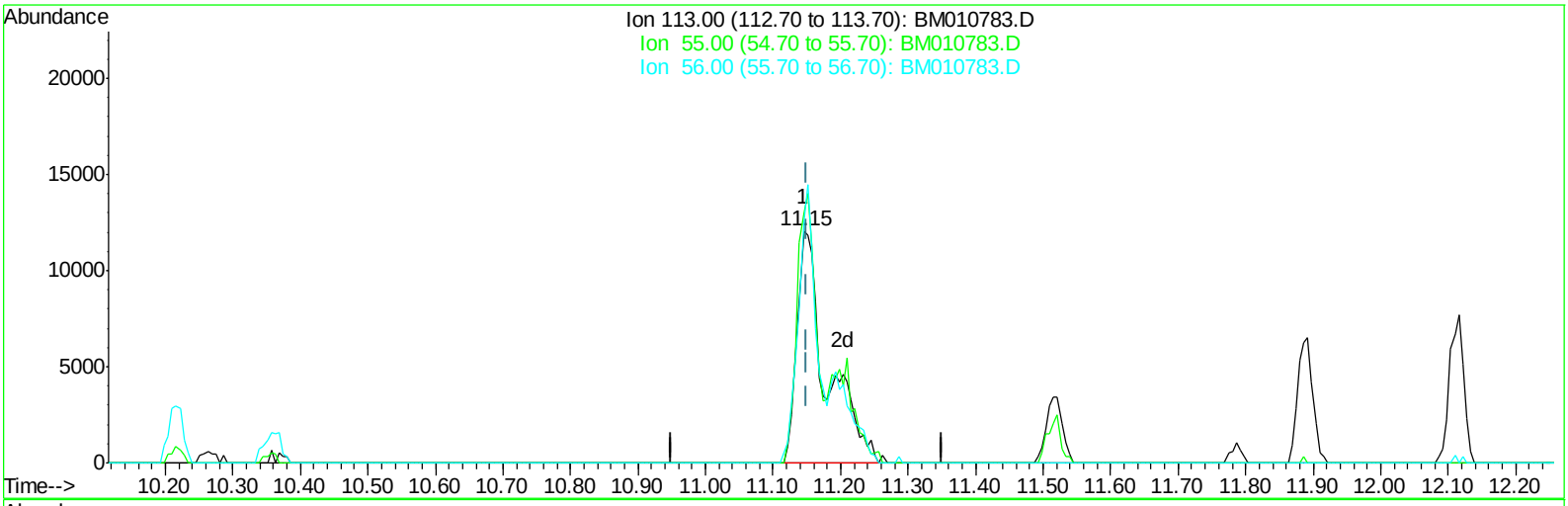

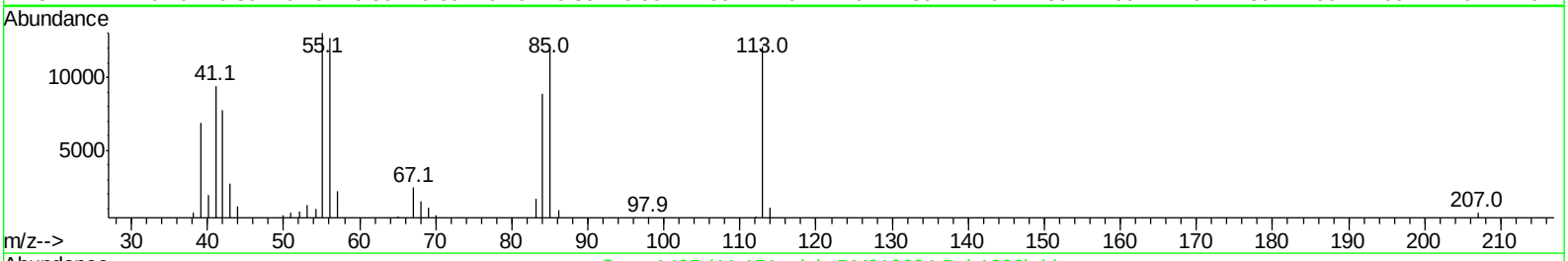

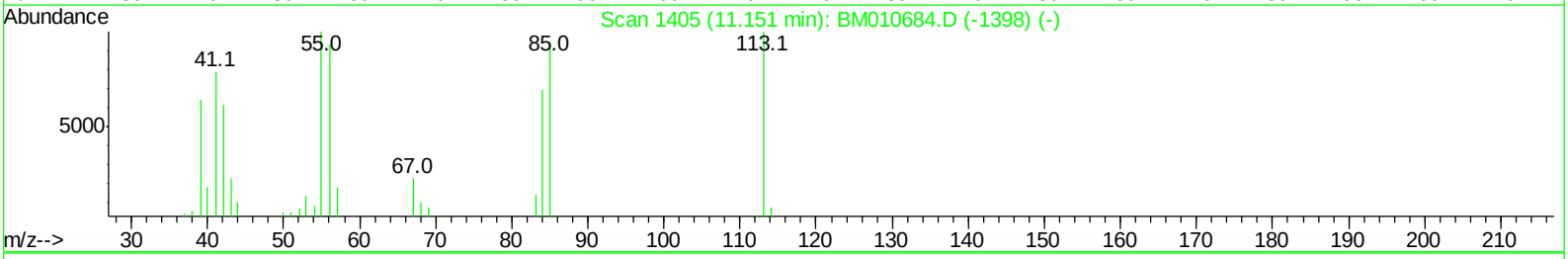

TIC: BM010783.D

(32) Caprolactam

11.145min (-0.006) 17.91ng/ul m

response 36711

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	108.07
56.00	107.50	104.98
0.00	0.00	0.00

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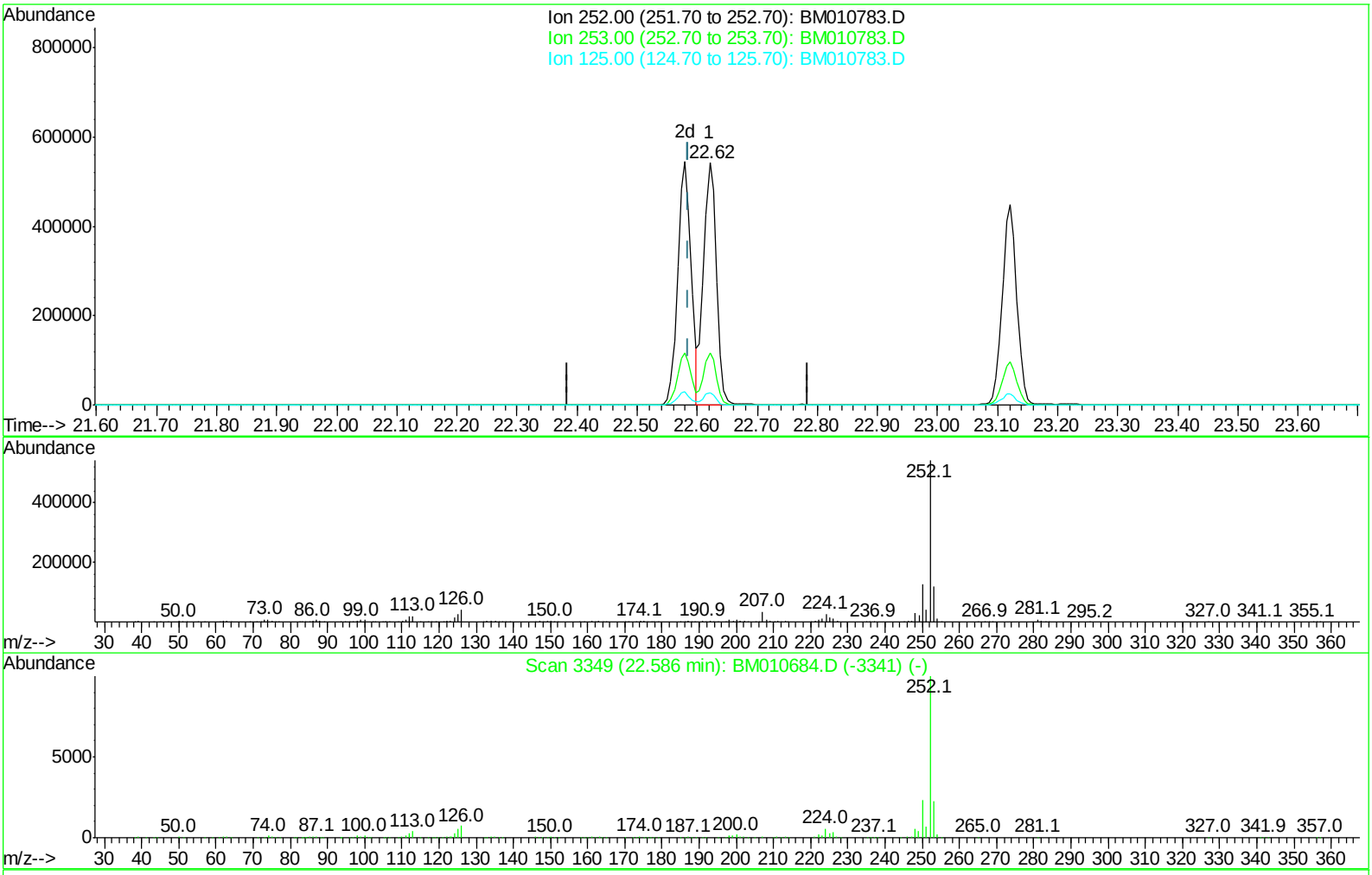

TIC: BM010783.D

(85) Benzo(b)fluoranthene

22.621min (+0.035) 20.12ng/ul

response 809589

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	21.68
125.00	4.50	5.10
0.00	0.00	0.00

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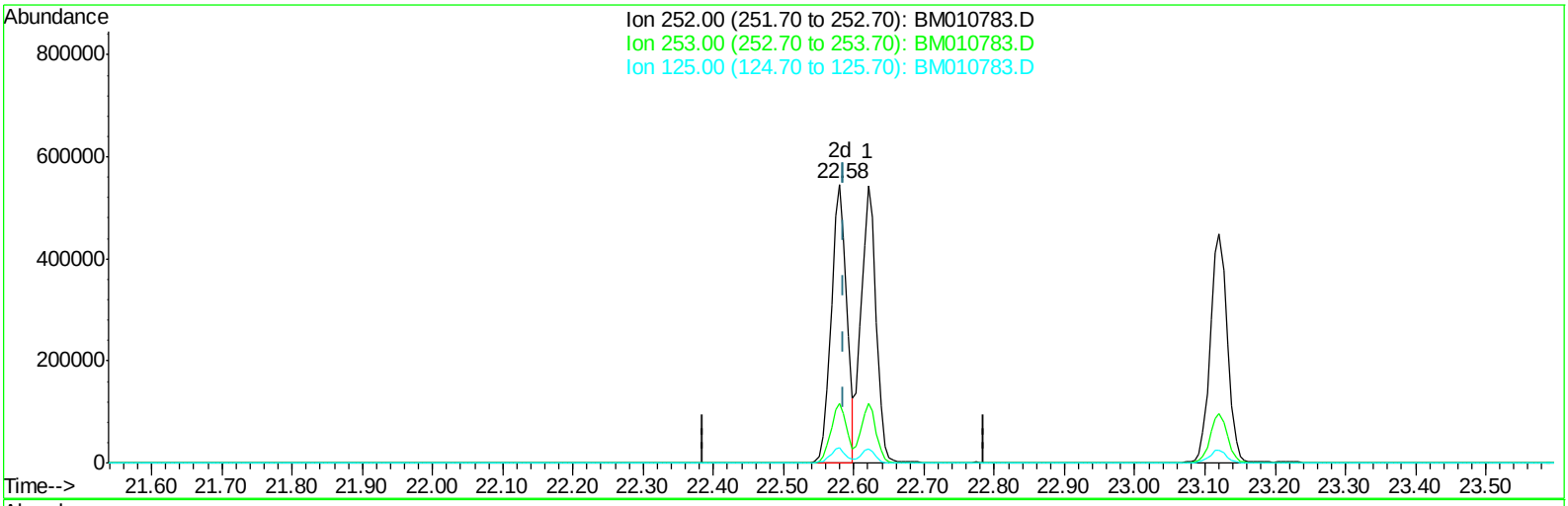

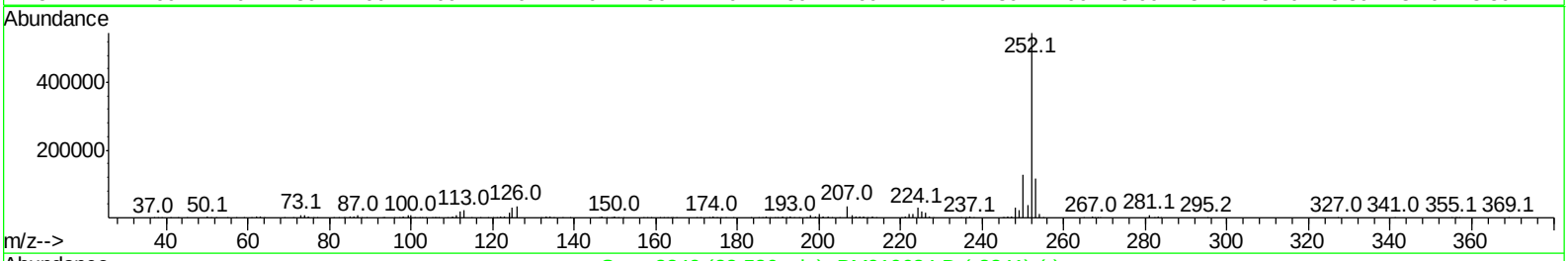

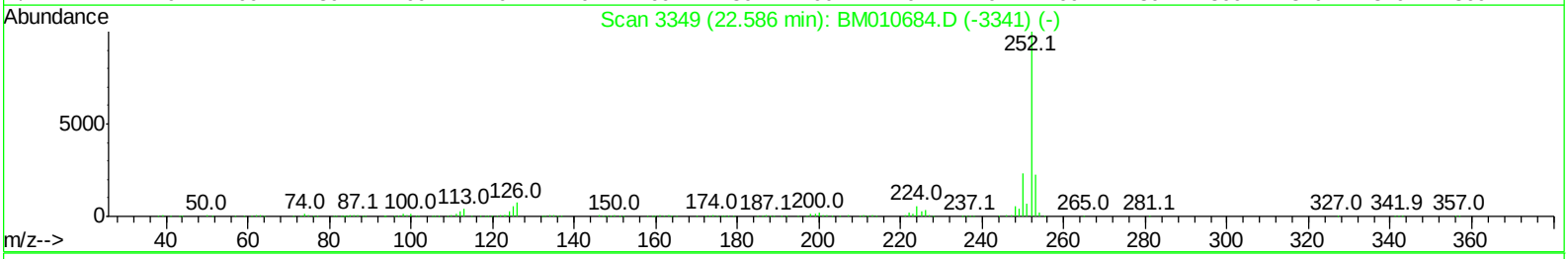

TIC: BM010783.D

(85) Benzo(b)fluoranthene

22.580min (-0.006) 20.76ng/ul m

response 835491

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	21.58
125.00	4.50	5.43#
0.00	0.00	0.00