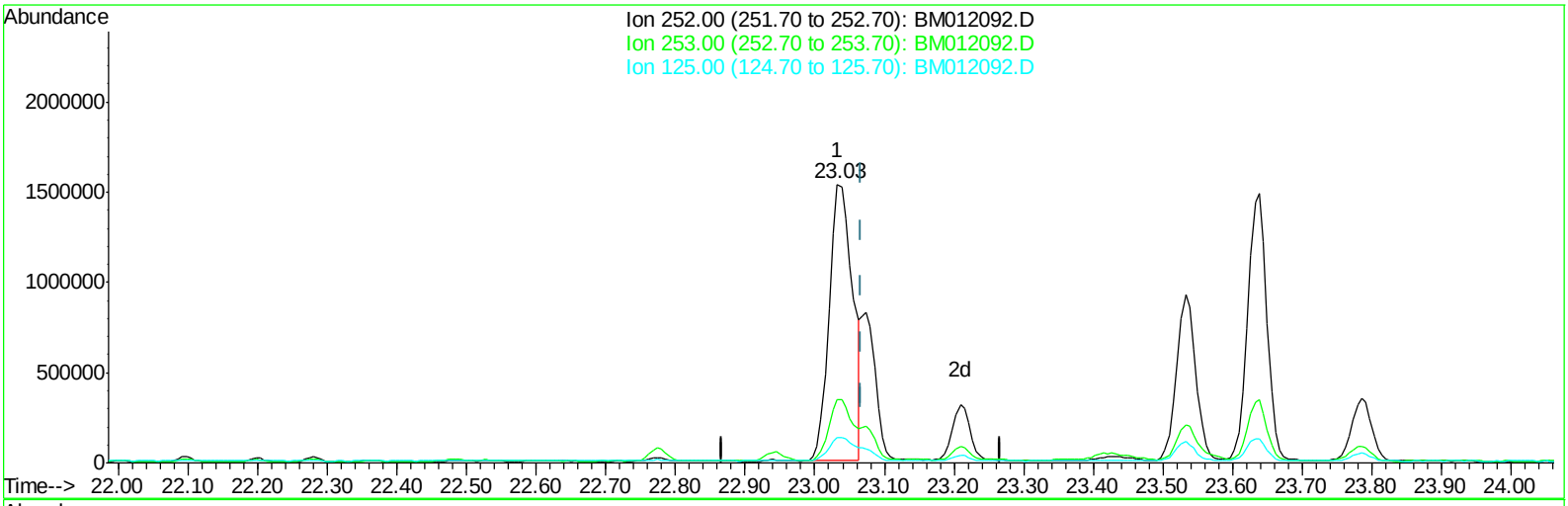
Quantitation Report (Qedit)

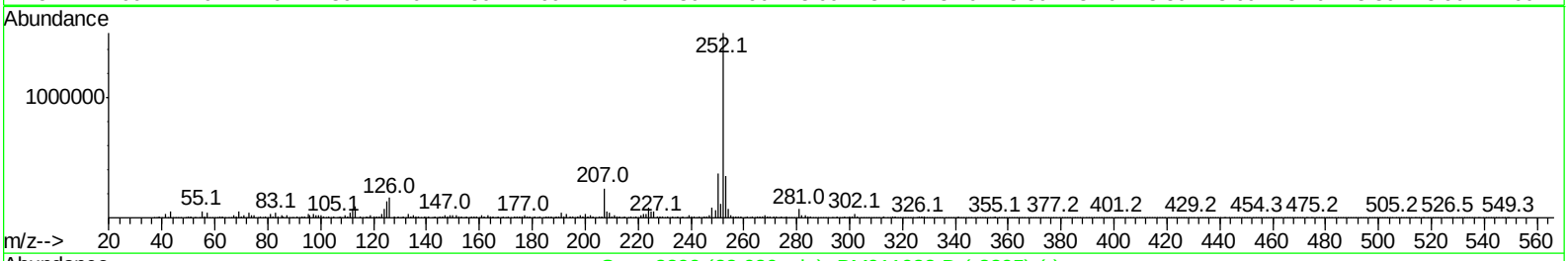
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012092.D
Acq On : 12 Oct 2017 05:27
Operator : SJ/JU
Sample : I5649-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

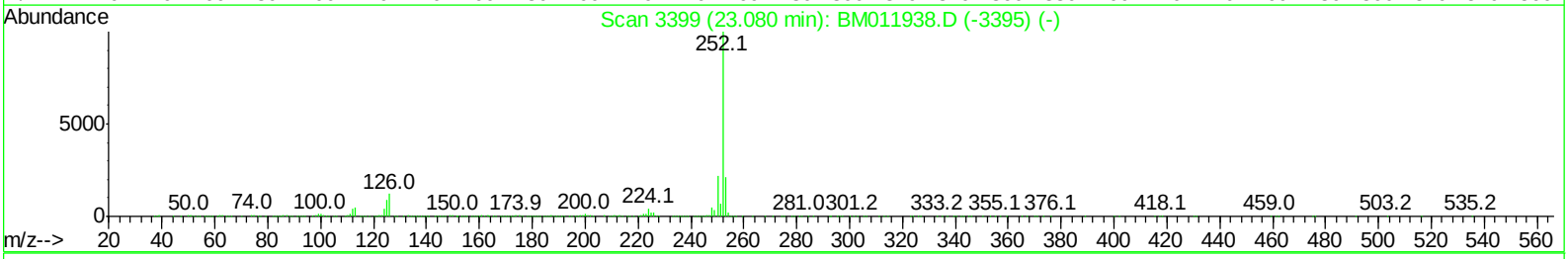
Quant Time: Oct 12 06:44:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-42(7-9)-100217

Manual Integrations APPROVED
Sohil
10/13/2017 12:09:38 PM







TIC: BM012092.D

(86) Benzo(k)fluoranthene

23.033min (-0.035) 36.08ng/ul

response 3550781

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.92
125.00	4.30	9.01#
0.00	0.00	0.00

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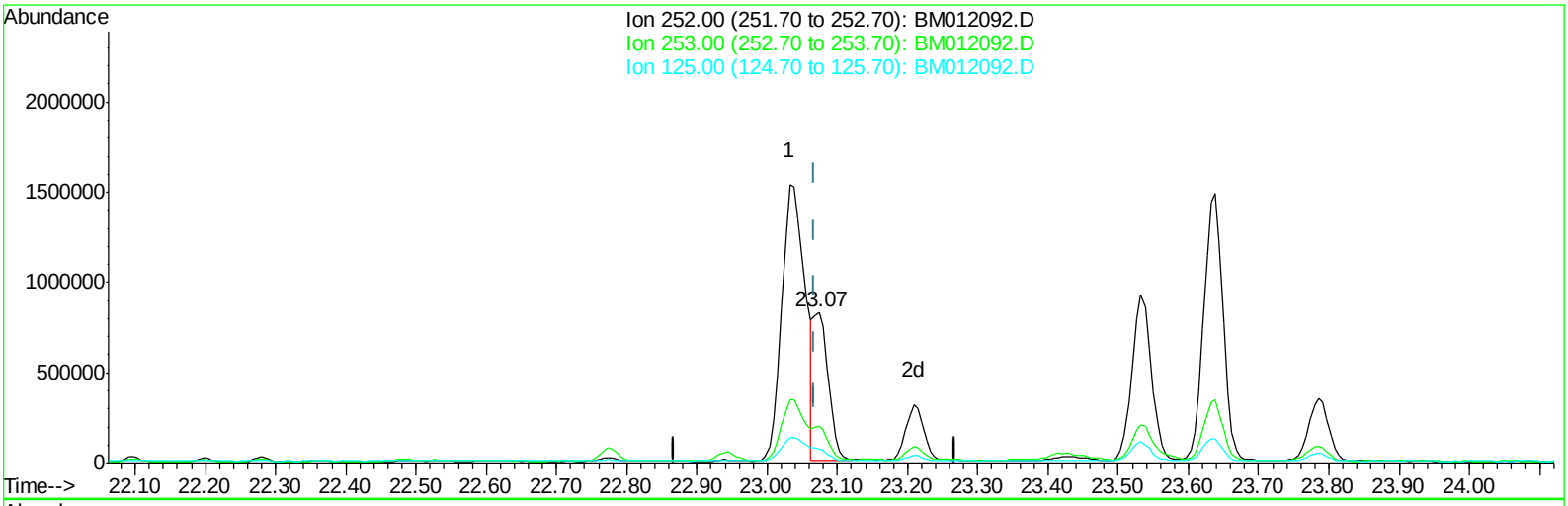

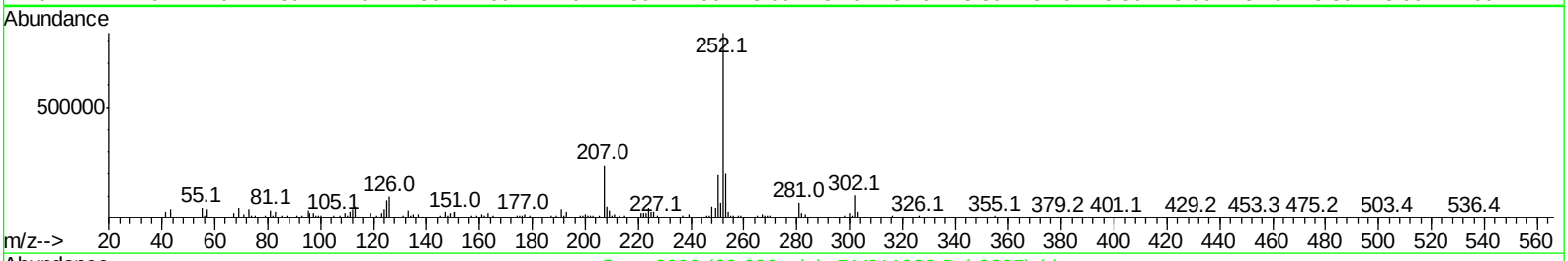

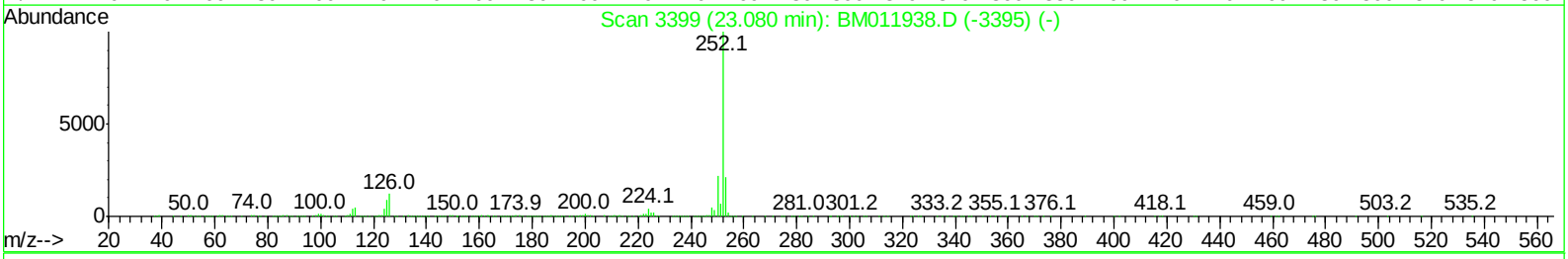

TIC: BM012092.D

(86) Benzo(k)fluoranthene

23.074min (+0.006) 12.25ng/ul m

response 1206105

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.16
125.00	4.30	9.53#
0.00	0.00	0.00

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Quant Time: Oct 12 06:57:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	284885	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1122352	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	623969	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1339291	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1485918	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1621921	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	24688	4.10	ng/uL	0.00
5) Phenol-d5	7.00	99	419816	17.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	347541	23.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	453853	23.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	404110	19.07	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	225091	28.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	245303	27.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	424013	23.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	405260	20.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1407908	26.03	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1815484	28.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	61716	6.53	ng/ul	0.01
57) Fluorene-d10	15.48	176	1237434	25.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	45090	5.00	ng/ul	0.00
70) Anthracene-d10	17.33	188	1922417	29.13	ng/ul	0.00
76) Pyrene-d10	19.63	212	2145508	32.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2306282	29.56	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.94	163	293277	5.637	ng/ul	99
49) Acenaphthene	14.56	153	133853	3.139	ng/ul	98
58) Fluorene	15.54	166	167676	3.245	ng/ul	100
69) Phenanthrene	17.28	178	2640391	35.841	ng/ul	99
71) Anthracene	17.37	178	616066	8.219	ng/ul	98
72) Carbazole	17.64	167	81946	1.262	ng/ul#	94
74) Fluoranthene	19.29	202	4800496	53.407	ng/ul#	90
77) Pyrene	19.66	202	4554413	55.278	ng/ul#	89
80) Benzo(a)anthracene	21.40	228	3148400	36.986	ng/ul	97
82) Chrysene	21.45	228	2929601	36.221	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	3550781	36.017	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	1206105m	12.254	ng/ul	
88) Benzo(a)pyrene	23.64	252	2813122	29.696	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.11	276	1709834	16.867	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.10	278	478921	5.750	ng/ul#	84
91) Benzo(g,h,i)perylene	26.84	276	1434105	17.102	ng/ul#	91

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

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