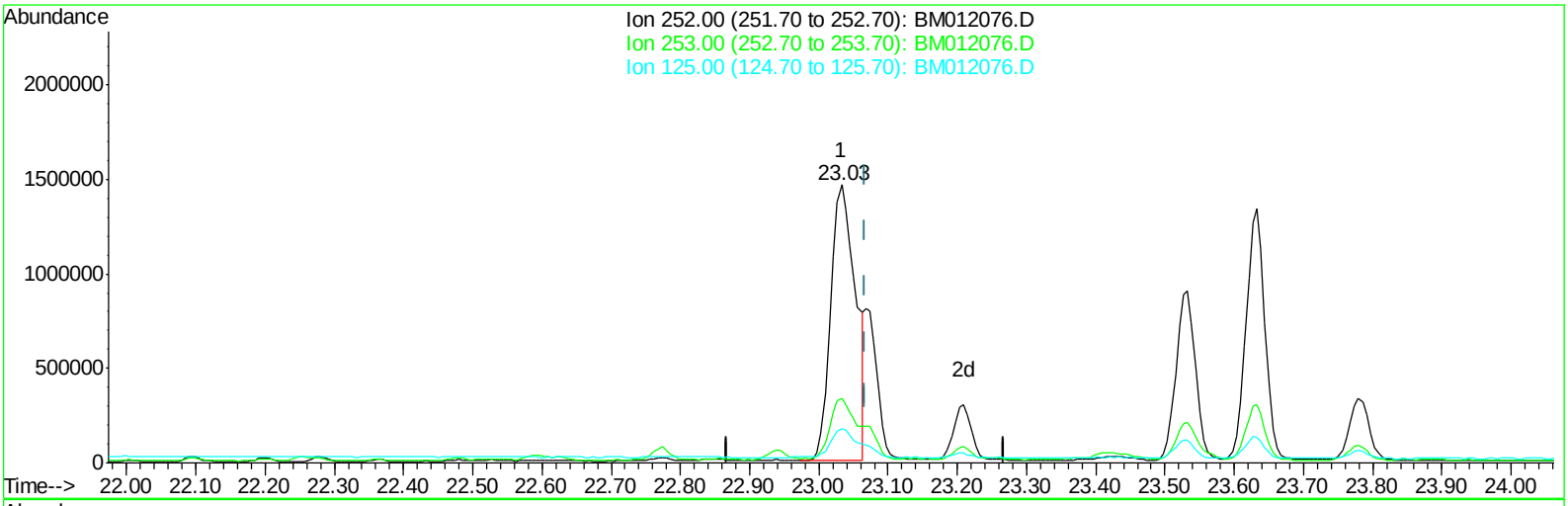
Quantitation Report (Qedit)

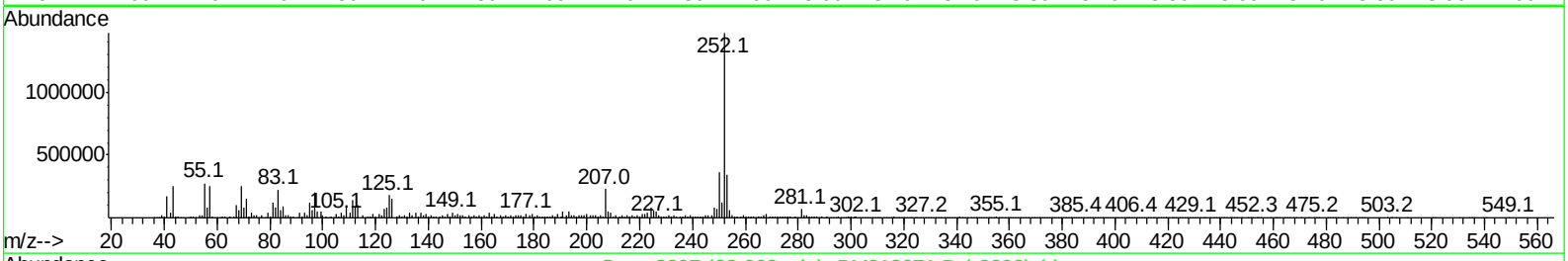
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012076.D
Acq On : 11 Oct 2017 19:07
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

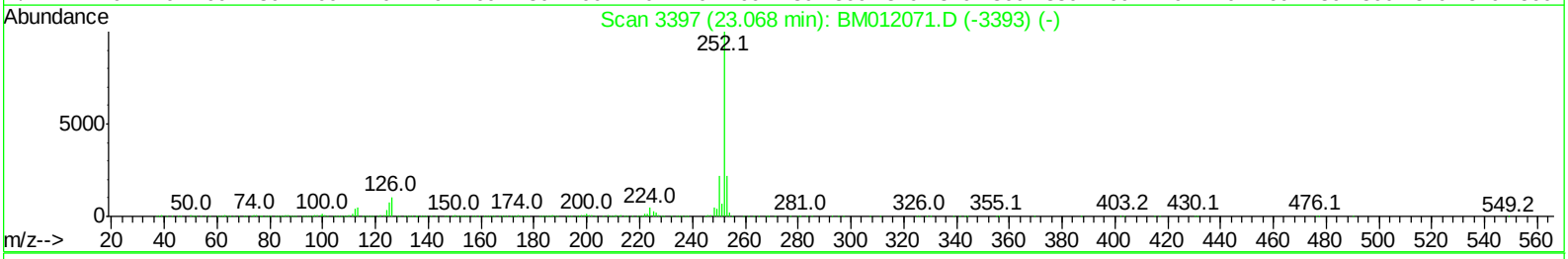
Quant Time: Oct 12 01:22:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 01:21:53 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-43(5-7)-092617

Manual Integrations APPROVED
Sohil
10/13/2017 12:09:16 PM







TIC: BM012076.D

(86) Benzo(k)fluoranthene

23.033min (-0.035) 43.60ng/ul

response 3594994

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.09
125.00	4.30	12.13#
0.00	0.00	0.00

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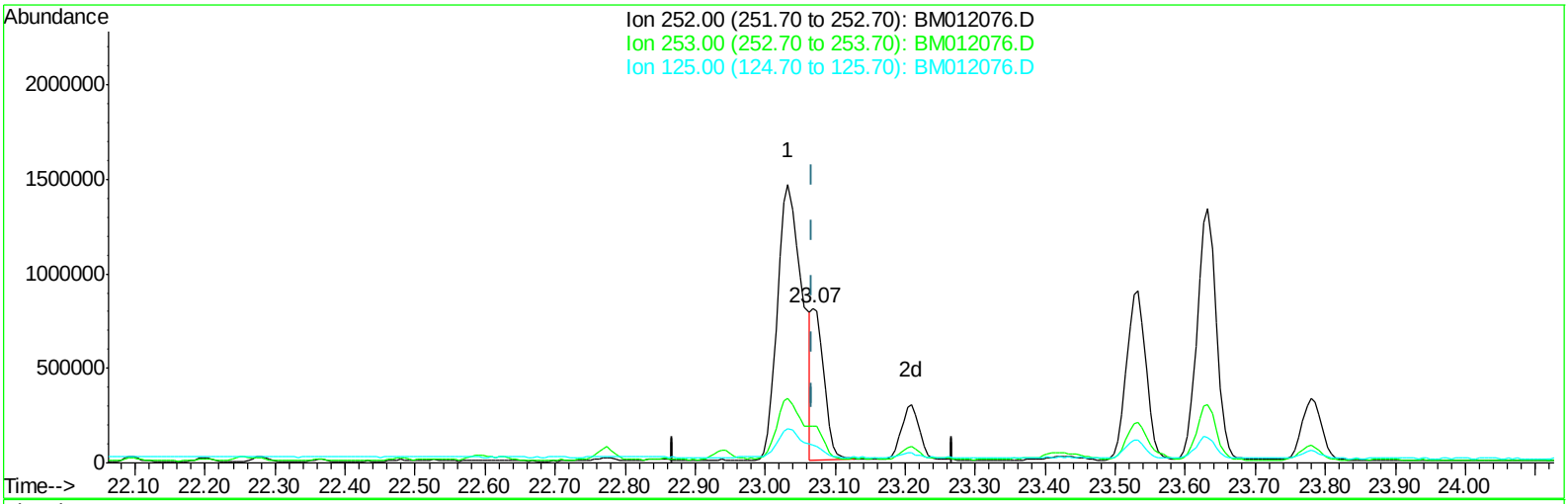

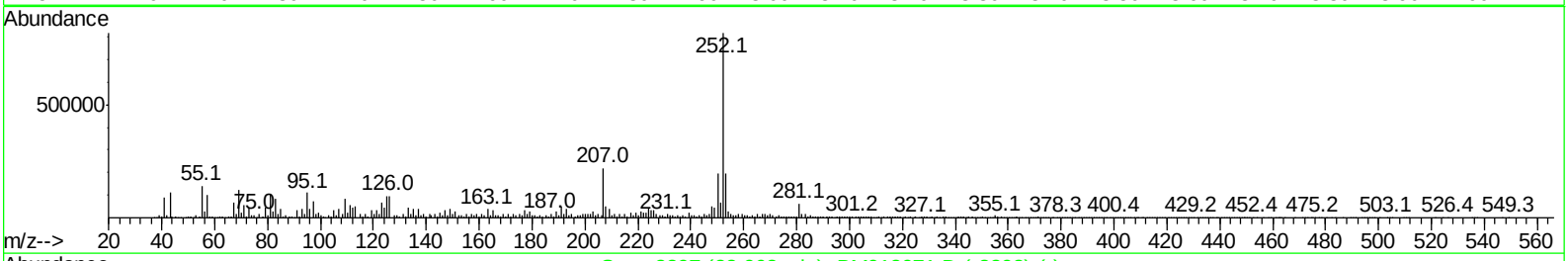

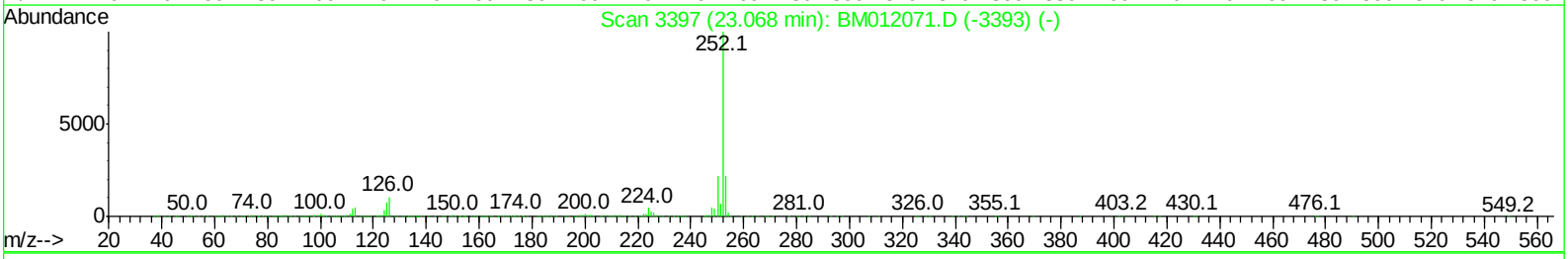

TIC: BM012076.D

(86) Benzo(k)fluoranthene

23.068min (+0.000) 12.37ng/ul m

response 1019676

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.17
125.00	4.30	11.41#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Quant Time: Oct 12 02:15:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 01:21:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	287681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1237264	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	756494	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1636815	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1403702	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1358883	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	25216	4.15	ng/uL	0.00
5) Phenol-d5	7.00	99	645377	26.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	623057	42.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	480280	24.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	486371	22.73	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	270488	30.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	277306	27.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	506192	25.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	287350	13.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1606008	24.50	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1989953	25.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	187766	16.39	ng/ul	0.00
57) Fluorene-d10	15.48	176	1385943	23.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	135145	12.27	ng/ul	0.00
70) Anthracene-d10	17.33	188	2076189	25.74	ng/ul	0.00
76) Pyrene-d10	19.63	212	2039070	32.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1635937	25.03	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.69	128	1201176	19.353	ng/ul#	95
34) 2-Methylnaphthalene	12.30	142	185436	3.918	ng/ul	96
44) Dimethylphthalate	13.94	163	700996	11.114	ng/ul	100
47) Acenaphthylene	14.21	152	133408	1.786	ng/ul#	96
49) Acenaphthene	14.55	153	178997	3.463	ng/ul	99
53) Dibenzofuran	14.89	168	178616	2.381	ng/ul	96
58) Fluorene	15.53	166	296509	4.733	ng/ul	98
69) Phenanthrene	17.27	178	3475369	38.600	ng/ul	99
71) Anthracene	17.36	178	845560	9.230	ng/ul	98
74) Fluoranthene	19.29	202	5700253	51.889	ng/ul#	90
77) Pyrene	19.66	202	5537282	71.144	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	2796301	34.773	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.31	149	1149797	25.350	ng/ul	99
82) Chrysene	21.45	228	2745110	35.928	ng/ul	97
85) Benzo(b)fluoranthene	23.03	252	3594994	43.524	ng/ul#	95
86) Benzo(k)fluoranthene	23.07	252	1019676m	12.365	ng/ul	
88) Benzo(a)pyrene	23.63	252	2509223	31.616	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.10	276	1814690	21.367	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.10	278	505045	7.237	ng/ul#	83
91) Benzo(g,h,i)perylene	26.83	276	1704198	24.257	ng/ul#	92

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

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