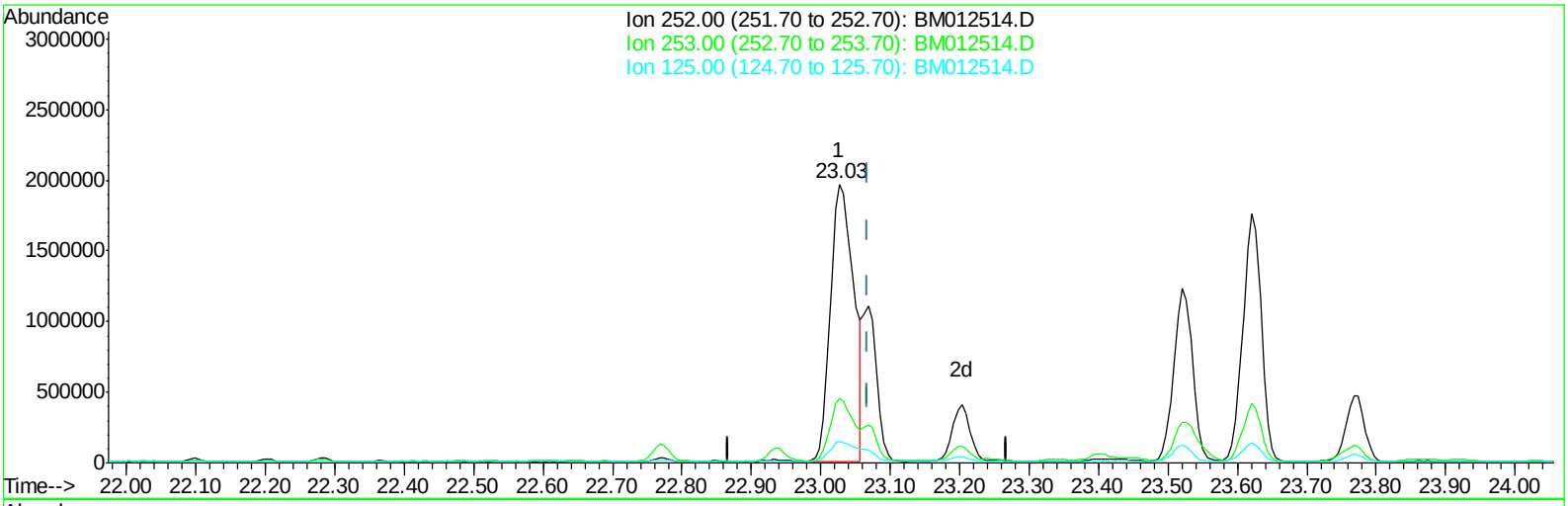
Quantitation Report (Qedit)

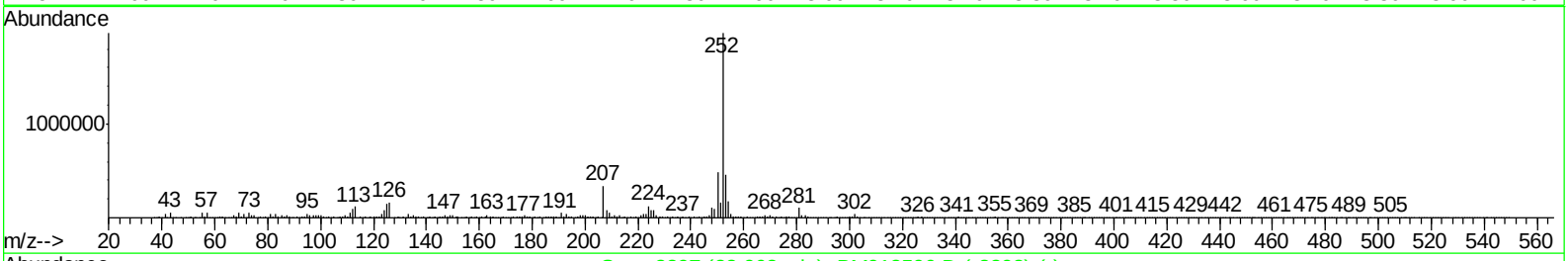
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012514.D
Acq On : 28 Oct 2017 08:27
Operator : SJ/JU
Sample : I5786-03 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

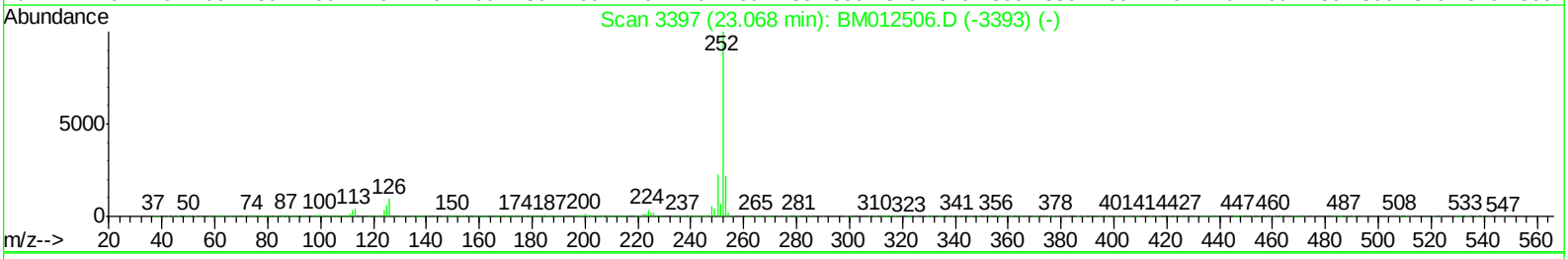
Quant Time: Oct 30 06:59:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917MSD

Manual Integrations APPROVED
Sohil
10/30/2017 6:31:07 PM







TIC: BM012514.D

(86) Benzo(k)fluoranthene

23.027min (-0.041) 25.56ng/ul

response 4630881

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.02
125.00	4.30	7.61#
0.00	0.00	0.00

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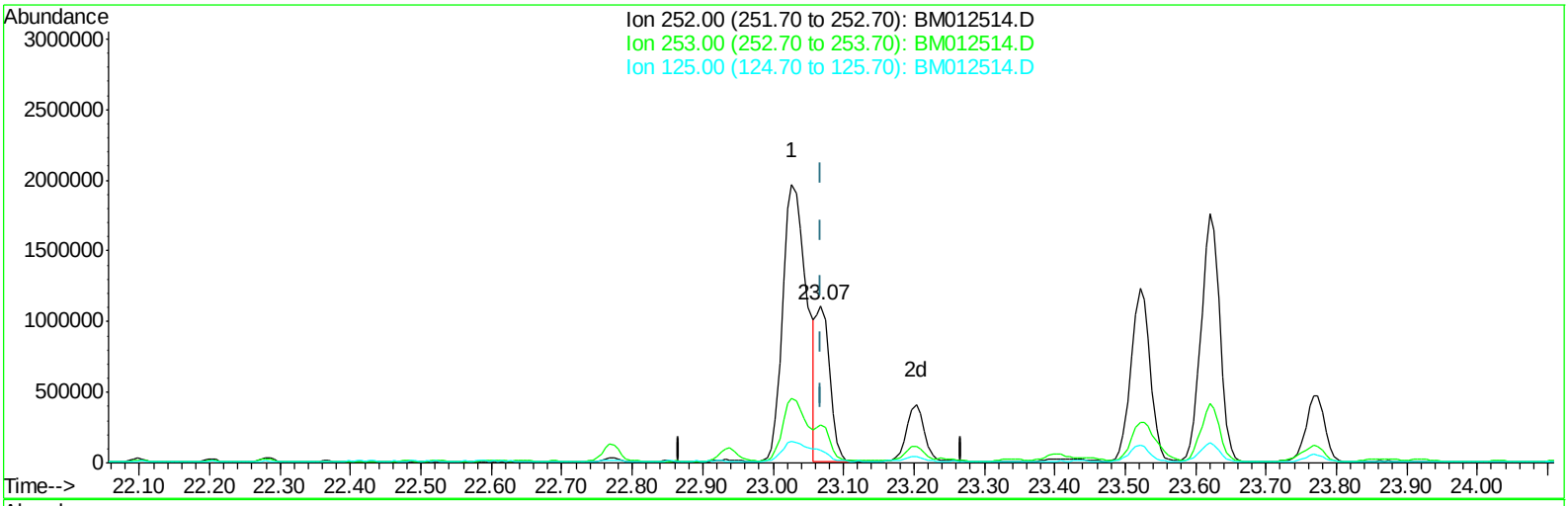

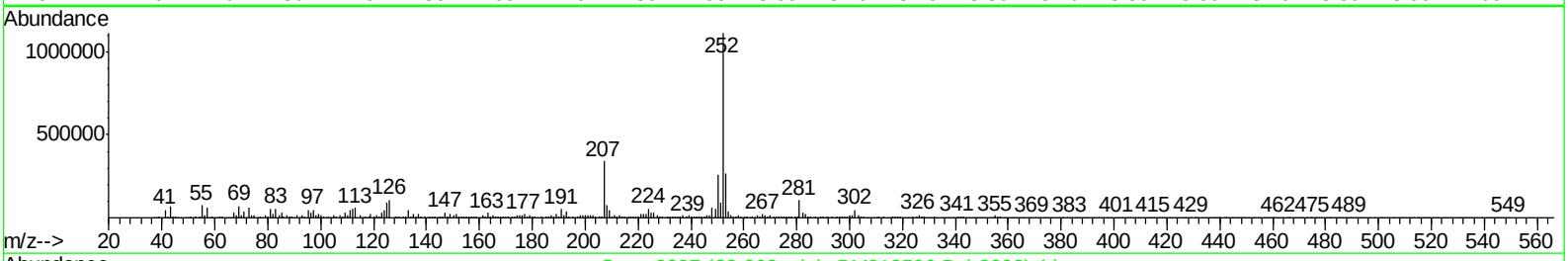

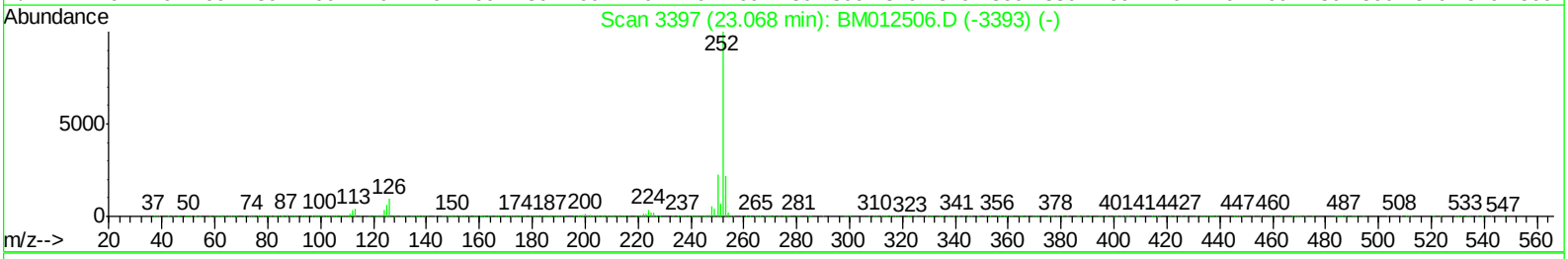

TIC: BM012514.D

(86) Benzo(k)fluoranthene

23.068min (+0.000) 8.43ng/ul m

response 1527477

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.16
125.00	4.30	7.99#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Quant Time: Oct 30 07:00:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	550351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1960691	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1093190	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2398340	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2752186	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3114335	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	11988	1.11	ng/uL	0.00
5) Phenol-d5	7.04	99	200601	4.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	123633	4.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	158866	4.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	162707	4.14	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	74199	6.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	77771	6.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	152905	4.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	50079	1.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	431937	4.52	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	553371	4.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	47307	3.33	ng/ul	0.00
57) Fluorene-d10	15.49	176	374829	4.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	30586	2.64	ng/ul	0.00
70) Anthracene-d10	17.34	188	574185	5.02	ng/ul	0.00
76) Pyrene-d10	19.63	212	629712	4.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	721226	4.87	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.06	94	275300	5.75	ng/ul#	81
10) 2-Chlorophenol	7.44	128	176062	5.00	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.67	70	114568	3.40	ng/ul#	66
33) 4-Chloro-3-methylphenol	11.95	107	161042	4.38	ng/ul	97
47) Acenaphthylene	14.22	152	325026	3.01	ng/ul	98
49) Acenaphthene	14.56	153	377898	5.12	ng/ul	98
52) 4-Nitrophenol	14.71	109	52784	3.66	ng/ul	81
54) 2,4-Dinitrotoluene	14.86	165	98411	4.38	ng/ul#	82
68) Pentachlorophenol	16.90	266	76921	4.43	ng/ul	99
69) Phenanthrene	17.29	178	1914102	14.76	ng/ul	99
71) Anthracene	17.37	178	578565	4.32	ng/ul	99
72) Carbazole	17.64	167	212339	1.91	ng/ul	99
74) Fluoranthene	19.30	202	4748728	32.31	ng/ul#	94
77) Pyrene	19.66	202	5125669	32.75	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	3021023	18.33	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.33	149	6408901	68.31	ng/ul	98
82) Chrysene	21.45	228	2734804	18.66	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	4630881	24.05	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	1527477m	8.43	ng/ul	
88) Benzo(a)pyrene	23.62	252	3246251	17.69	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	2724476	12.61	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.06	278	719347	3.93	ng/ul#	85
91) Benzo(g,h,i)perylene	26.79	276	2163904	12.36	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

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