Quantitation Report (Qedit)

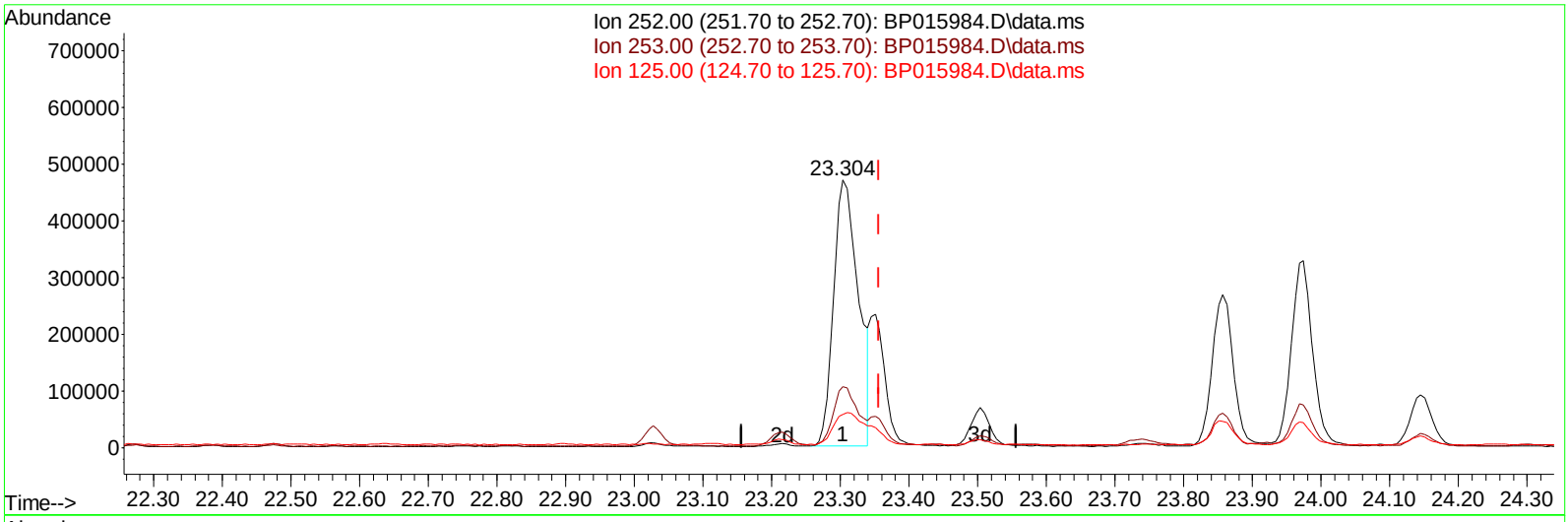
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015984.D
Acq On : 04 Jul 2023 19:40
Operator : MA/JU
Sample : 03245-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

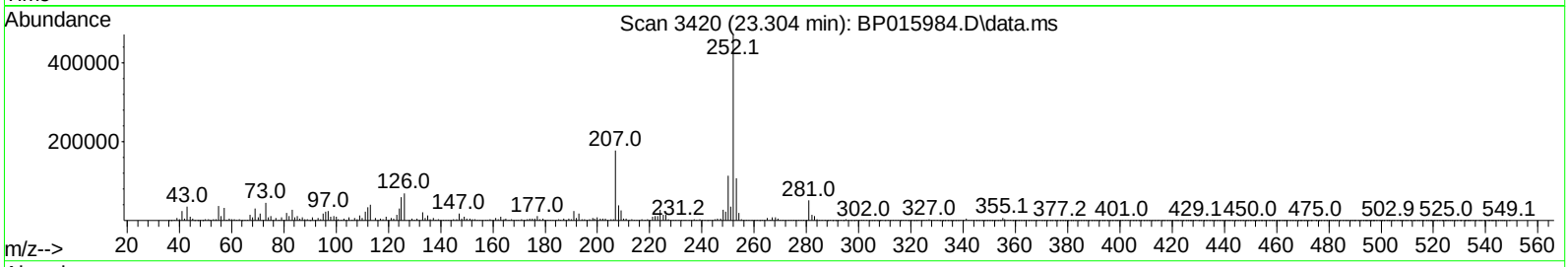
Quant Time: Jul 04 23:34:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

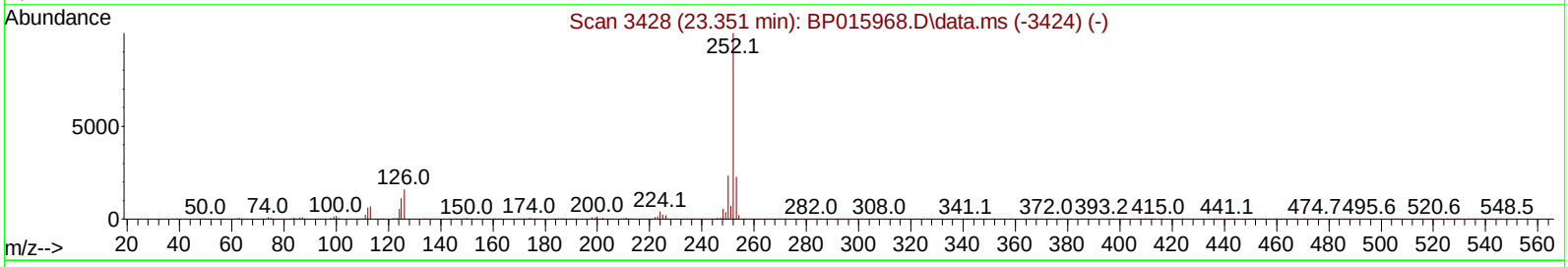
Instrument :
BNA_P
ClientSampleId :
DCGH4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023







TIC: BP015984.D\data.ms

(91) Benzo(k)fluoranthene

23.304min (-0.053) 8.53 ng/ul

response 1182280

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	22.82
125.00	9.10	12.51#
0.00	0.00	0.00

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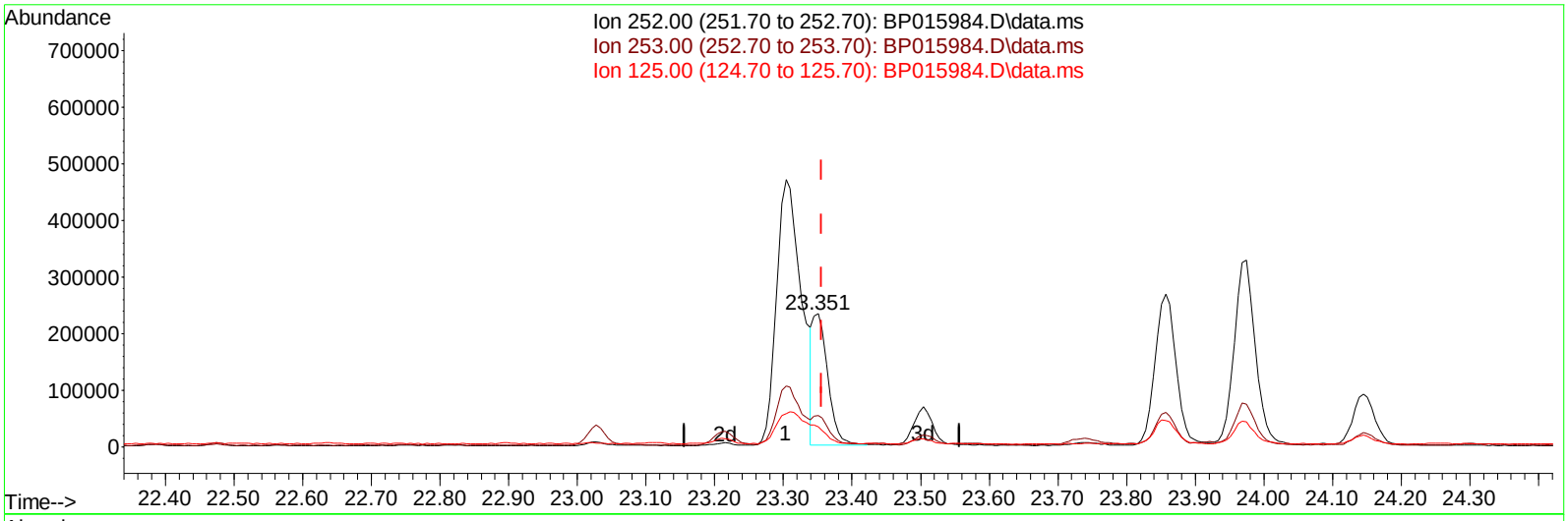

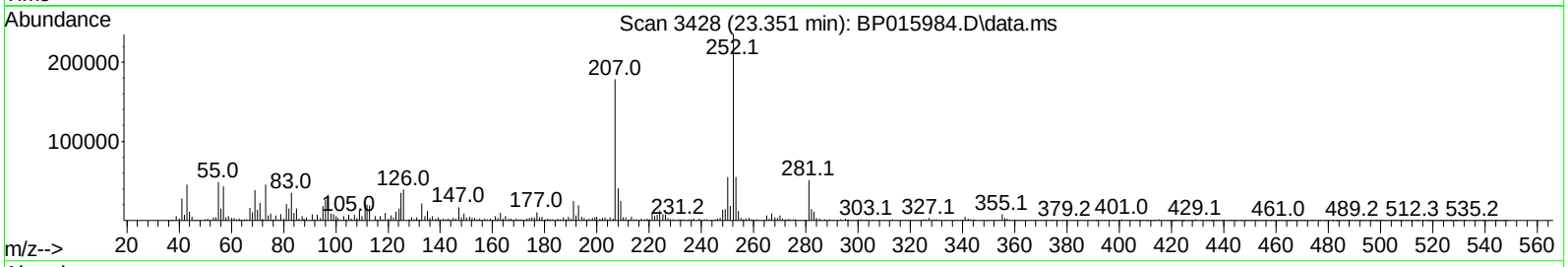

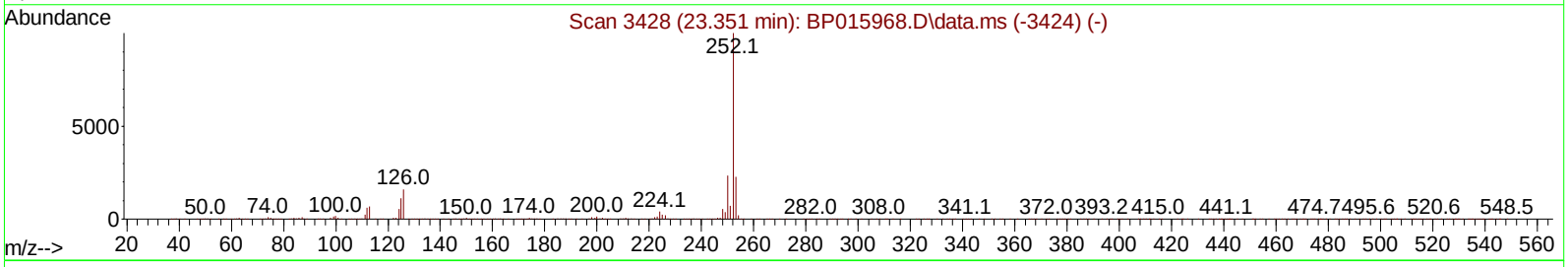

TIC: BP015984.D\data.ms

(91) Benzo(k)fluoranthene

23.351min (-0.006) 2.52 ng/ul m

response 349346

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	23.54
125.00	9.10	14.88#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	554723	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	2406222	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	1393195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	2576658	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1788821	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	2134103	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	28680	1.860	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	546690	11.518	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	392938	13.382	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	458771	12.805	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	393900	10.505	ng/ul	0.01
21) Nitrobenzene-d5	9.234	128	225058	12.239	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	243006	11.322	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	401412	10.495	ng/ul	0.03
31) 4-Chloroaniline-d4	11.063	131	249995	5.088	ng/ul	0.04
46) Dimethylphthalate-d6	14.104	166	1344099	12.482	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1502756	12.414	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	107259	7.548	ng/ul	0.05
60) Fluorene-d10	15.692	176	1071403	12.084	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	95286	6.013	ng/ul	0.01
73) Anthracene-d10	17.557	188	1333641	11.331	ng/ul	0.00
81) Pyrene-d10	19.780	212	1454863	12.455	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.916	264	1369654	12.723	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.498	178	801230	5.724	ng/ul	98
74) Anthracene	17.598	178	159672	1.135	ng/ul	98
80) Fluoranthene	19.457	202	1645862	11.338	ng/ul#	95
82) Pyrene	19.810	202	1295926	8.751	ng/ul#	90
85) Benzo(a)anthracene	21.527	228	722197	5.739	ng/ul	97
87) Chrysene	21.580	228	761121	6.375	ng/ul	98
90) Benzo(b)fluoranthene	23.304	252	1182280	8.622	ng/ul#	96
91) Benzo(k)fluoranthene	23.351	252	349346m	2.521	ng/ul	
93) Benzo(a)pyrene	23.974	252	700984	5.850	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.786	276	589400	3.624	ng/ul	97
95) Dibenzo(a,h)anthracene	26.780	278	162074	1.213	ng/ul#	75
96) Benzo(g,h,i)perylene	27.621	276	531893	3.975	ng/ul#	95

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

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