Quantitation Report (Qedit)

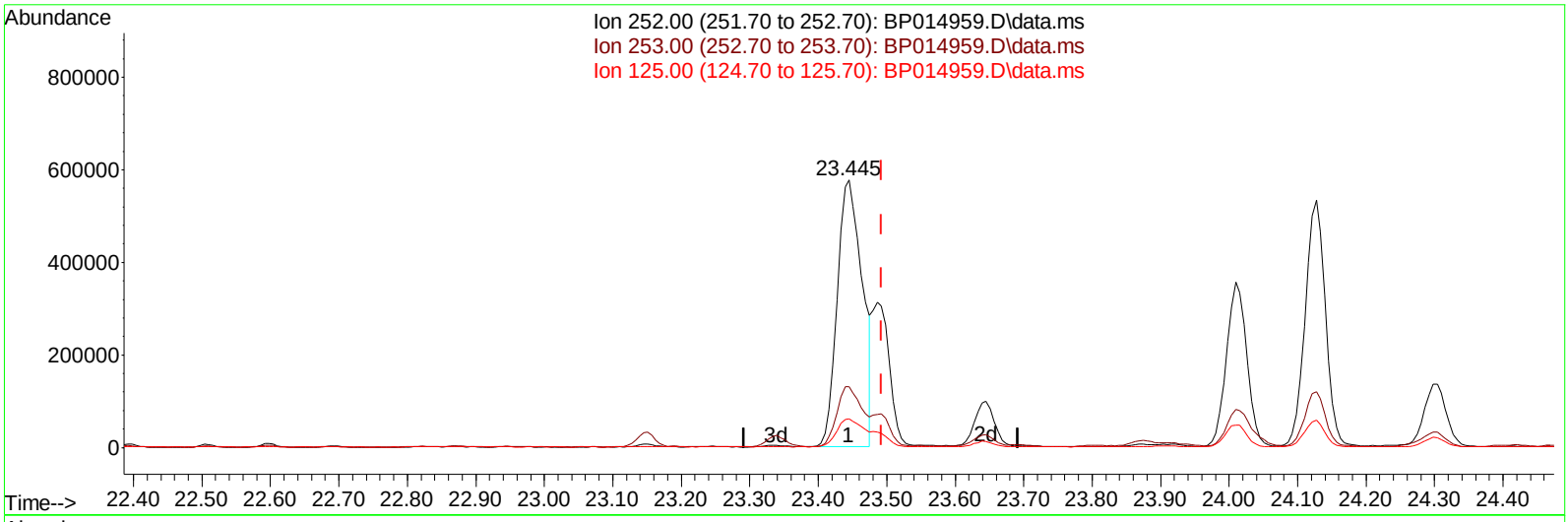
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014959.D
Acq On : 04 May 2023 18:54
Operator : CG/JU
Sample : 02447-08 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

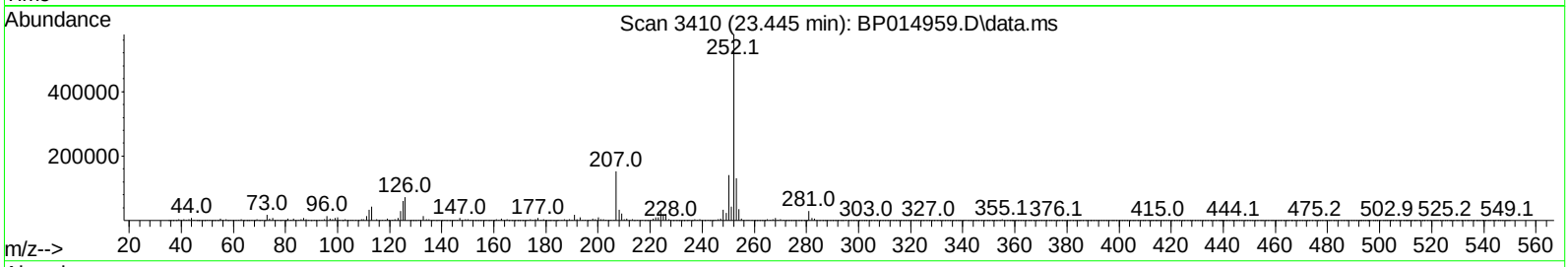
Quant Time: May 05 00:24:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 11:40:49 2023
Response via : Initial Calibration

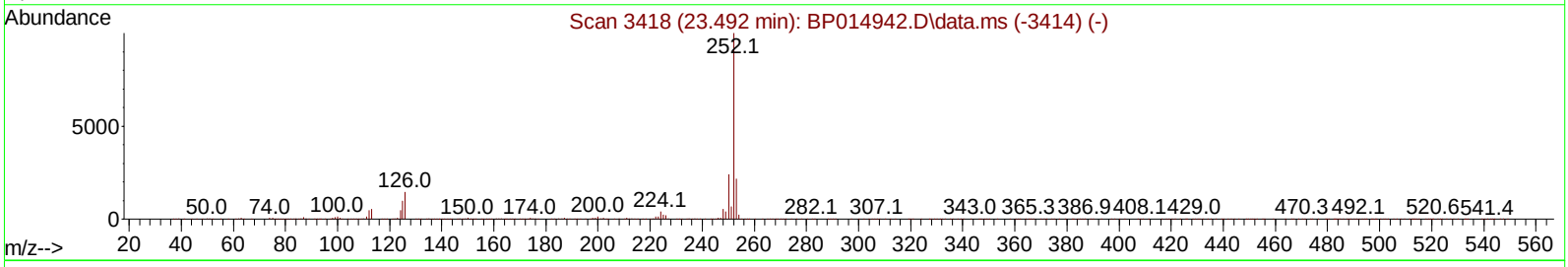
Instrument :
BNA_P
ClientSampleId :
EW913

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023







TIC: BP014959.D\data.ms

(91) Benzo(k)fluoranthene

23.445min (-0.047) 17.99 ng/ul

response 1465464

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.80
125.00	11.10	10.66
0.00	0.00	0.00

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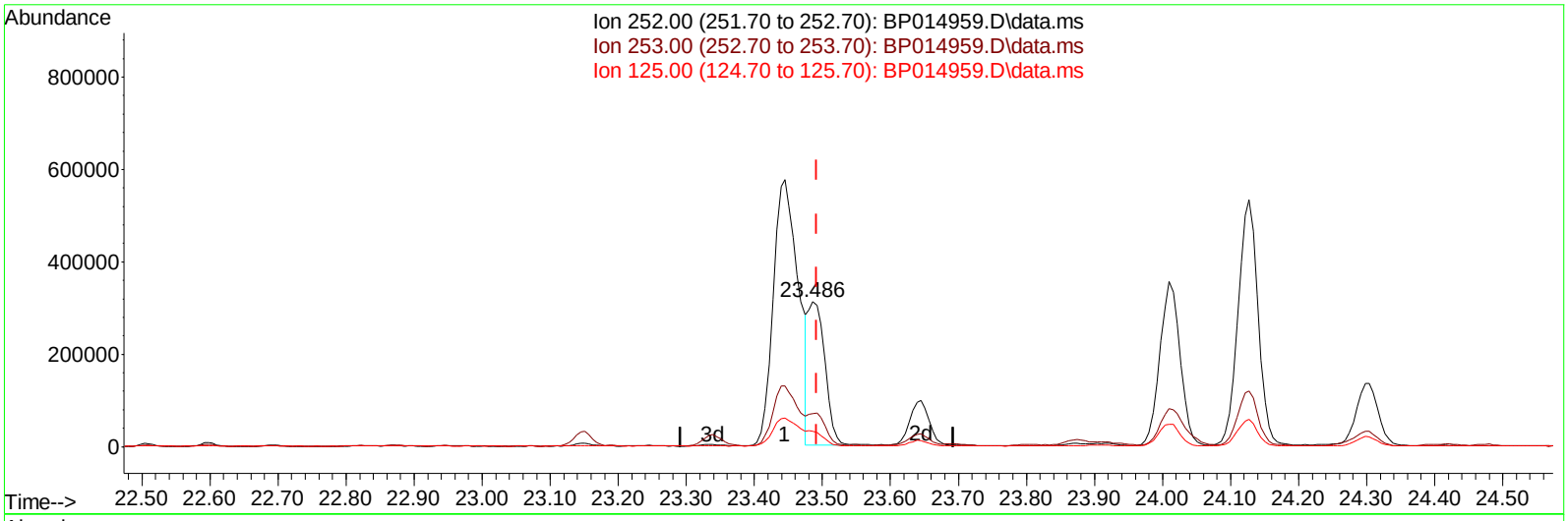

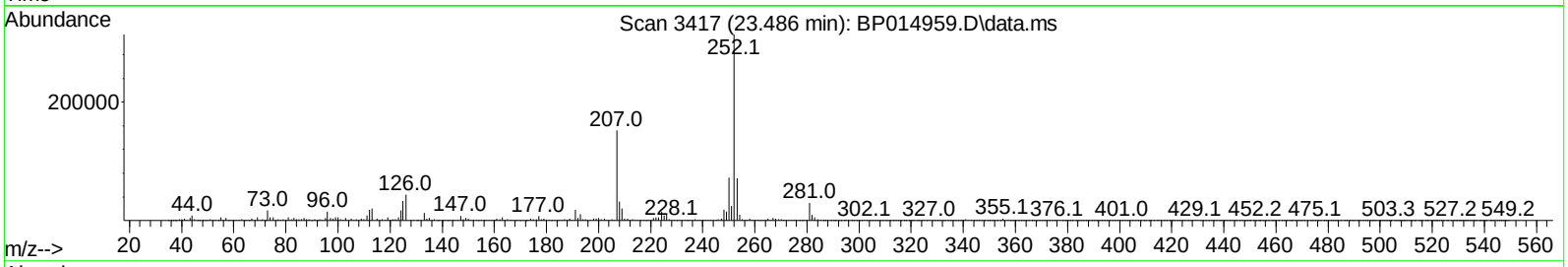

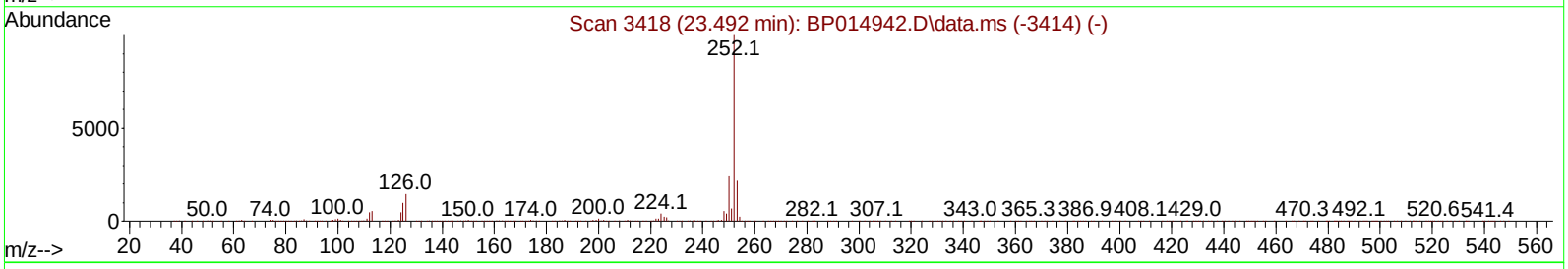

TIC: BP014959.D\data.ms

(91) Benzo(k)fluoranthene

23.486min (-0.006) 6.62 ng/ul m

response 538938

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.72
125.00	11.10	10.50
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : 02447-08 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 05 00:25:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 11:40:49 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	323430	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	1254122	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	638380	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1064866	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	982102	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1238360	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	1180	0.136	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.311	99	17502	0.624	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	14901	0.860	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	16108	0.781	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	12844	0.594	ng/ul	0.00
21) Nitrobenzene-d5	9.346	128	7623	0.855	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	6272	0.685	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	11043	0.614	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	4723	0.182	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	48231	1.068	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	54545	1.007	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	165	0.021	ng/ul	0.01
60) Fluorene-d10	15.798	176	38543	0.992	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	788	0.131	ng/ul	0.00
73) Anthracene-d10	17.663	188	55313	1.156	ng/ul	0.00
81) Pyrene-d10	19.880	212	61424	0.927	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	69770	1.156	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.869	153	55928	1.316	ng/ul	99
61) Fluorene	15.857	166	61187	1.352	ng/ul	100
72) Phenanthrene	17.604	178	1168874	19.869	ng/ul	100
74) Anthracene	17.698	178	293511	5.011	ng/ul	98
77) Carbazole	17.957	167	73774	1.498	ng/ul	98
80) Fluoranthene	19.557	202	2242279	27.587	ng/ul	98
82) Pyrene	19.910	202	2027669	23.547	ng/ul	98
85) Benzo(a)anthracene	21.627	228	1136694	17.340	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	56026	1.722	ng/ul#	97
87) Chrysene	21.680	228	1066083	16.152	ng/ul	98
90) Benzo(b)fluoranthene	23.445	252	1465464	18.311	ng/ul	98
91) Benzo(k)fluoranthene	23.486	252	538938m	6.617	ng/ul	
93) Benzo(a)pyrene	24.127	252	1083033	15.430	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.992	276	747991	8.736	ng/ul	96
95) Dibenzo(a,h)anthracene	27.004	278	192961	2.750	ng/ul#	82
96) Benzo(g,h,i)perylene	27.851	276	682499	9.366	ng/ul	96

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

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