Quantitation Report (Qedit)

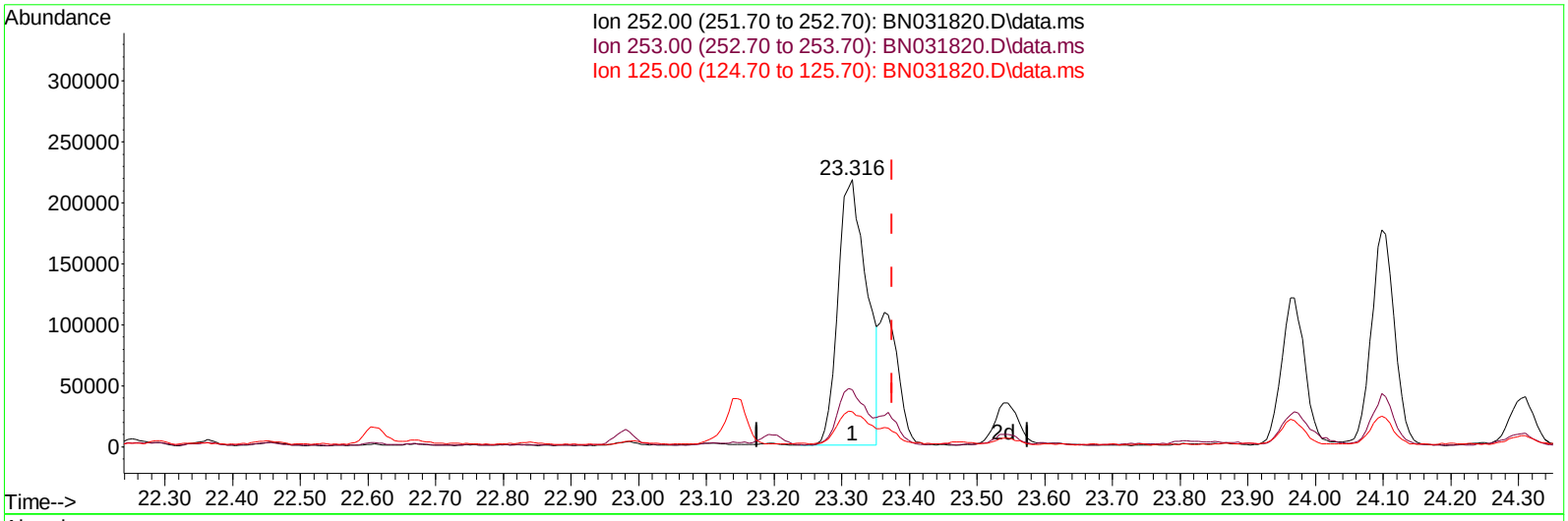
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031820.D
Acq On : 06 Jun 2024 15:55
Operator : MA/JU
Sample : P2634-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

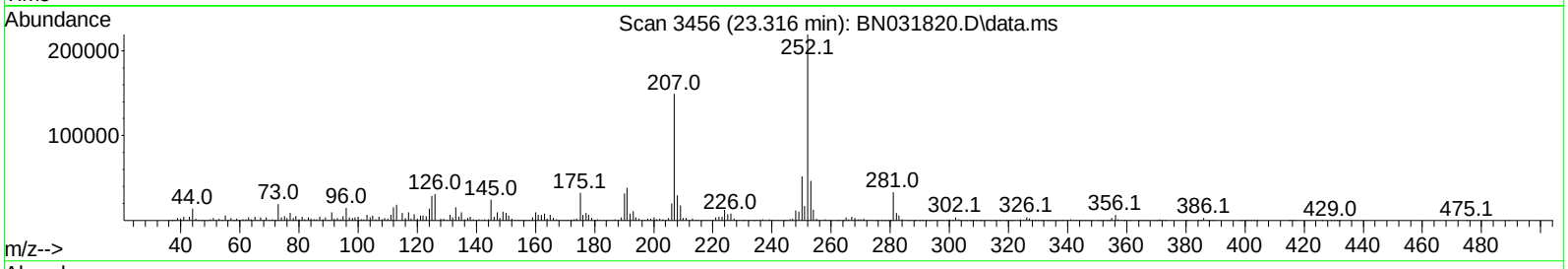
Quant Time: Jun 06 17:27:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

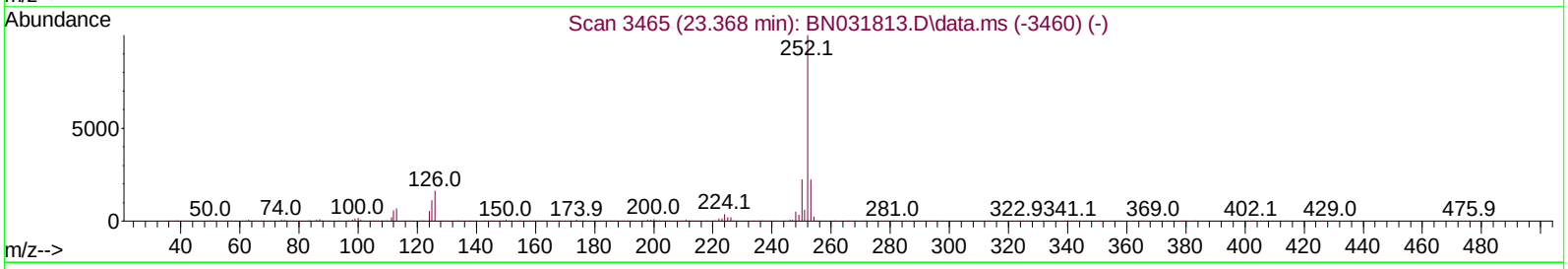
Instrument :
BNA_N
ClientSampleId :
BHBX0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024







TIC: BN031820.D\data.ms

(91) Benzo(k)fluoranthene

23.316min (-0.059) 7.67 ng/ul

response 646183

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	21.43
125.00	11.80	13.22
0.00	0.00	0.00

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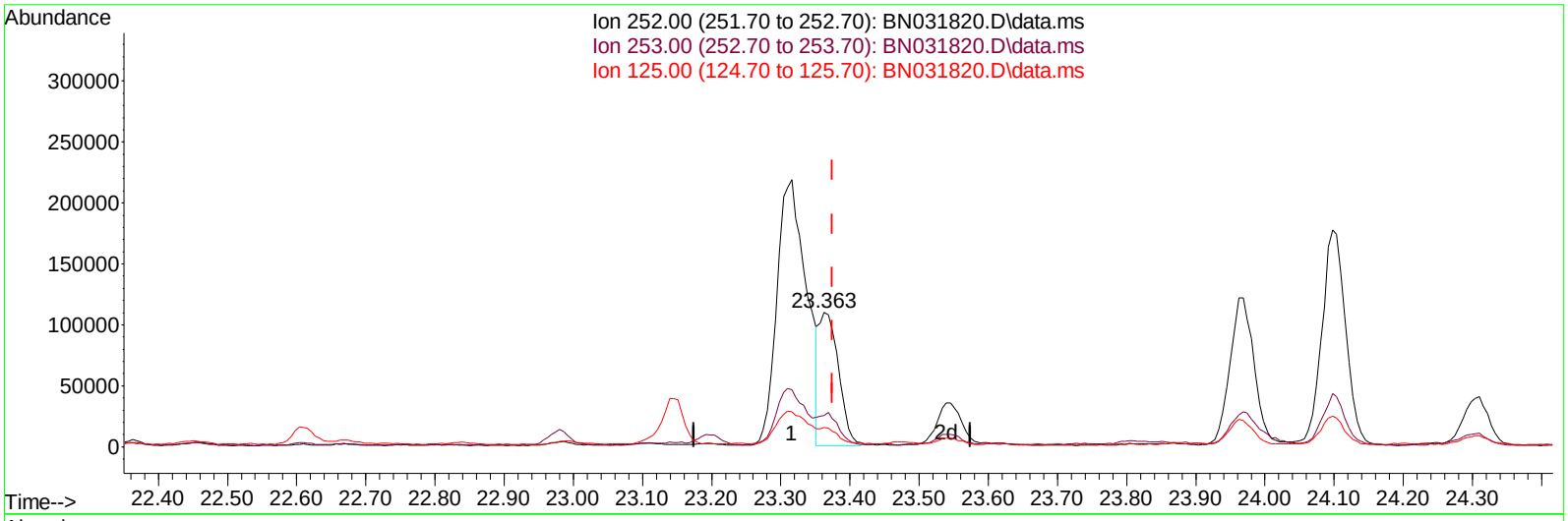

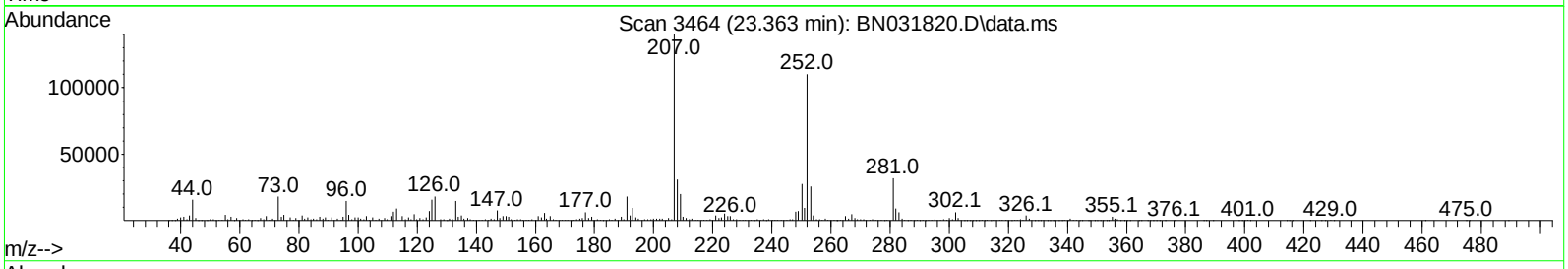

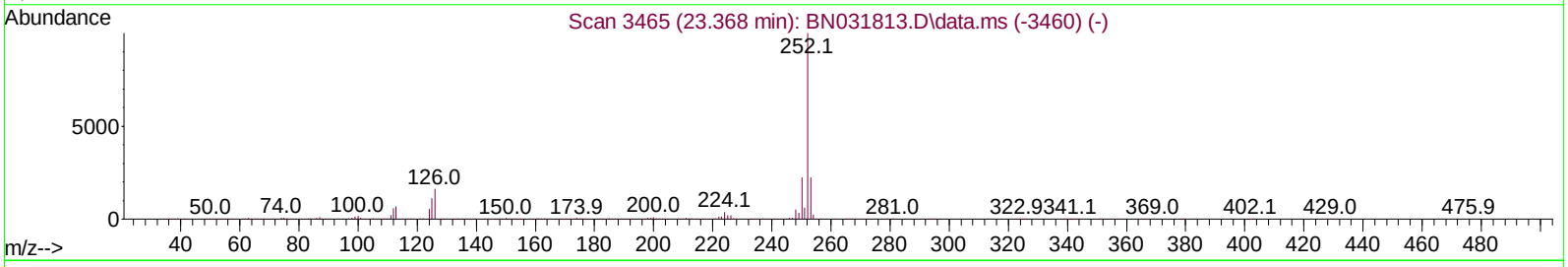

TIC: BN031820.D\data.ms

(91) Benzo(k)fluoranthene

23.363min (-0.012) 2.51 ng/ul m

response 211059

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.28
125.00	11.80	14.19#
0.00	0.00	0.00

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Acq On : 06 Jun 2024 15:55
Operator : MA/JU
Sample : P2634-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 06 17:29:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	406119	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.452	136	1689111	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164	1031762	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	2055335	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1580085	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1435974	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	46580	4.745	ng/uL	-0.01
4) Pyridine-d5	3.587	84	608263	22.012	ng/ul	-0.01
7) Phenol-d5	6.846	99	951296	27.324	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	522763	25.670	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	740891	27.890	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	755199	26.610	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	364482	28.222	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	387514	29.047	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	668174	26.828	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.599	131	904645	24.464	ng/ul	-0.01
46) Dimethylphthalate-d6	13.734	166	1875109	26.087	ng/ul	-0.01
49) Acenaphthylene-d8	14.010	160	2283418	27.628	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	353740	24.579	ng/ul	0.00
60) Fluorene-d10	15.310	176	1630159	26.804	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	231540	22.412	ng/ul	0.00
73) Anthracene-d10	17.163	188	2430899	27.626	ng/ul	0.00
81) Pyrene-d10	19.463	212	2823731	33.396	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1881601	27.441	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.104	178	549721	5.250	ng/ul	99
80) Fluoranthene	19.128	202	1305404	12.918	ng/ul	100
82) Pyrene	19.492	202	1243495	11.994	ng/ul	99
85) Benzo(a)anthracene	21.280	228	554954	5.247	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	74372	1.042	ng/ul	97
87) Chrysene	21.345	228	614917	6.225	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	646183	7.529	ng/ul	98
91) Benzo(k)fluoranthene	23.363	252	211059m	2.506	ng/ul	
93) Benzo(a)pyrene	24.098	252	419200	5.215	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	27.533	276	286025	3.088	ng/ul	97
95) Dibenzo(a,h)anthracene	27.580	278	76719	1.014	ng/ul#	89
96) Benzo(g,h,i)perylene	28.562	276	279447	3.795	ng/ul	98

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

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