Quantitation Report (Qedit)

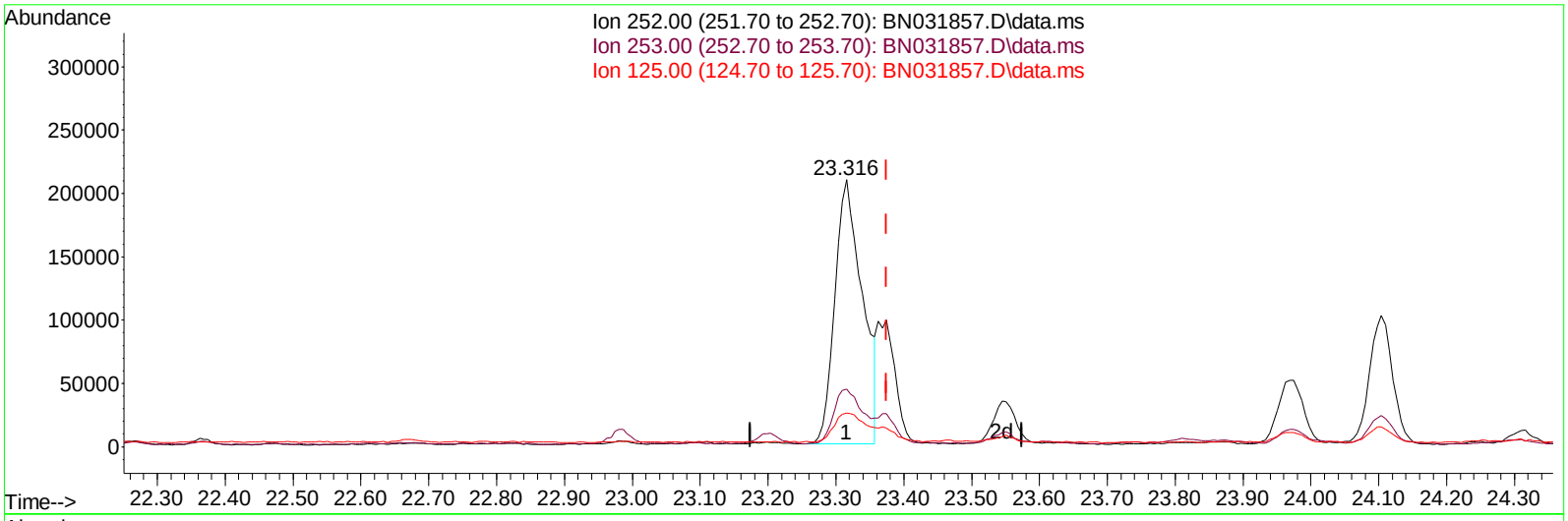
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031857.D
Acq On : 08 Jun 2024 13:53
Operator : MA/JU
Sample : P2647-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

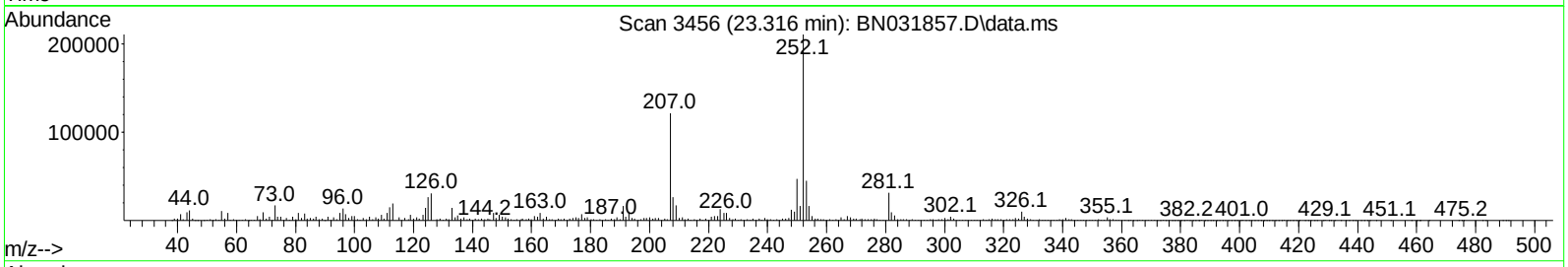
Quant Time: Jun 10 01:42:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

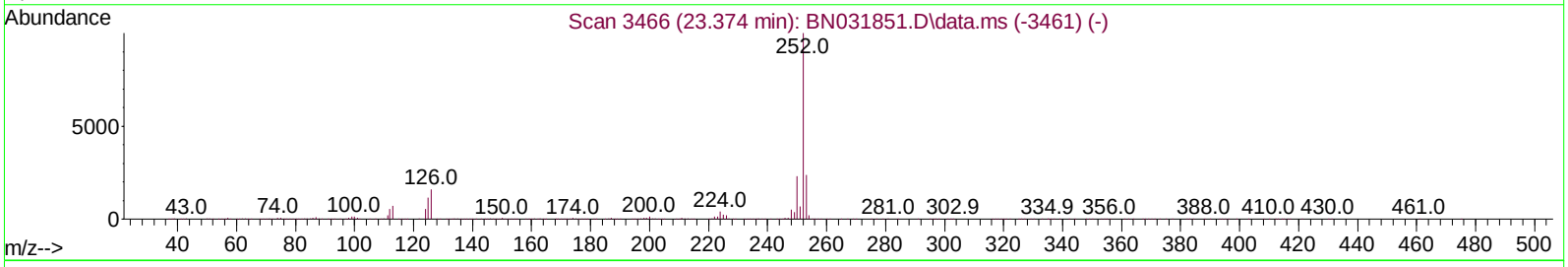
Instrument :
BNA_N
ClientSampleId :
BHBS4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024







TIC: BN031857.D\data.ms

(91) Benzo(k)fluoranthene

23.316min (-0.059) 6.77 ng/ul

response 587756

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	21.54
125.00	11.80	12.67
0.00	0.00	0.00

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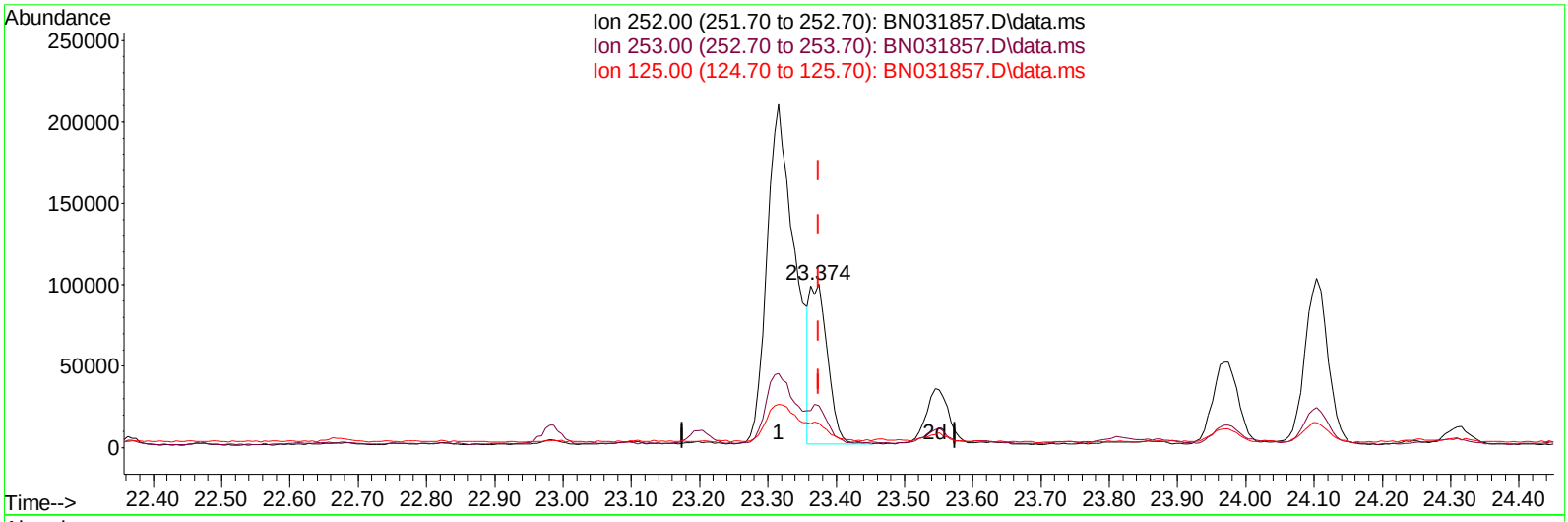

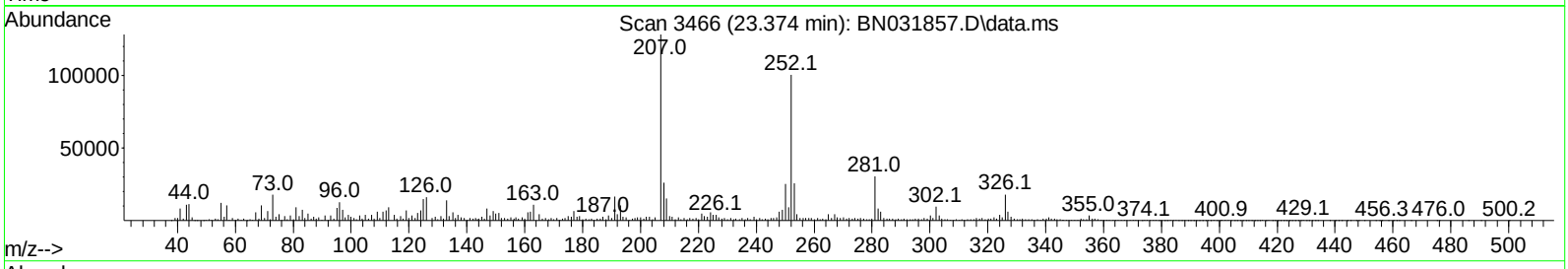

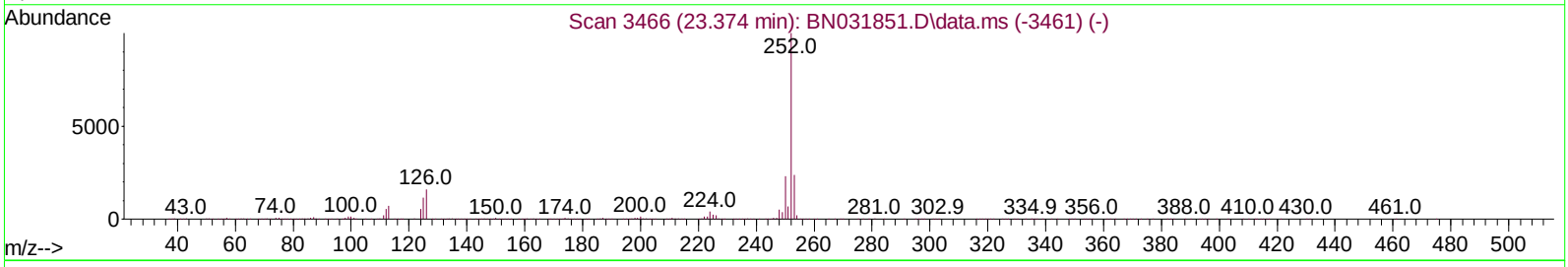

TIC: BN031857.D\data.ms

(91) Benzo(k)fluoranthene

23.374min (-0.000) 2.07 ng/ul m

response 179684

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	25.87
125.00	11.80	14.90#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BN031857.D
Acq On : 08 Jun 2024 13:53
Operator : MA/JU
Sample : P2647-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 10 03:14:15 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
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	409514	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.452	136	1735120	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164	1055378	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	2089617	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1264935	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1479794	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	35246	3.561	ng/uL	-0.01
4) Pyridine-d5	3.593	84	240701	8.638	ng/ul	0.00
7) Phenol-d5	6.846	99	746097	21.252	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	427879	20.837	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	633477	23.648	ng/ul	-0.01
15) 4-Methylphenol-d8	8.381	113	521749	18.232	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	323860	24.411	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	338608	24.708	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	586776	22.935	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	453691	11.943	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166	1676104	22.797	ng/ul	-0.02
49) Acenaphthylene-d8	14.010	160	2047333	24.217	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	301551	20.484	ng/ul	0.00
60) Fluorene-d10	15.310	176	1497052	24.064	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	127513	12.140	ng/ul	0.00
73) Anthracene-d10	17.163	188	2233718	24.968	ng/ul	0.00
81) Pyrene-d10	19.463	212	1895775	28.007	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1219838	17.263	ng/ul	0.00
Target Compounds						Qvalue
37) 1-Methylnaphthalene	12.346	142	64160	1.042	ng/ul	98
72) Phenanthrene	17.110	178	929577	8.733	ng/ul	100
74) Anthracene	17.198	178	168122	1.559	ng/ul	98
80) Fluoranthene	19.128	202	1151571	14.235	ng/ul	99
82) Pyrene	19.492	202	855725	10.310	ng/ul	99
85) Benzo(a)anthracene	21.286	228	457727	5.406	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	129684	2.269	ng/ul#	97
87) Chrysene	21.345	228	500942	6.334	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	587756	6.645	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	179684m	2.070	ng/ul	
93) Benzo(a)pyrene	24.104	252	244351	2.950	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	27.551	276	204793	2.145	ng/ul	98

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

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