Quantitation Report (Qedit)

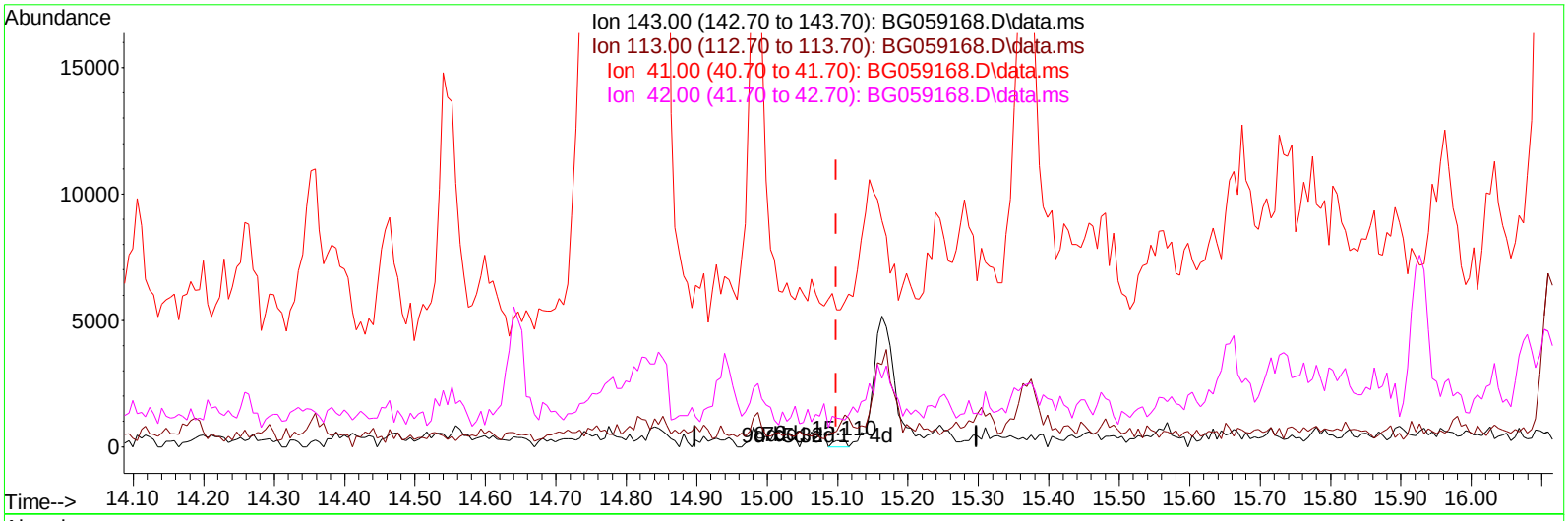
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059168.D
Acq On : 22 Sep 2023 18:00
Operator : MA/JU
Sample : 04429-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

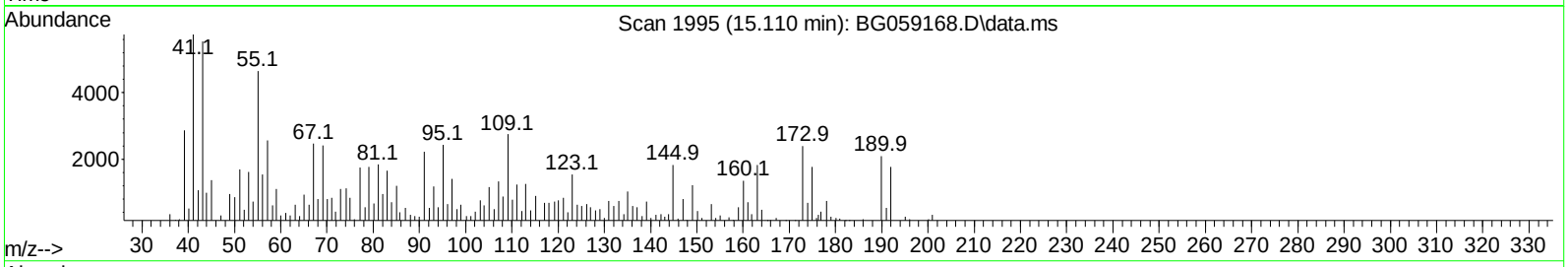
Quant Time: Sep 22 23:46:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

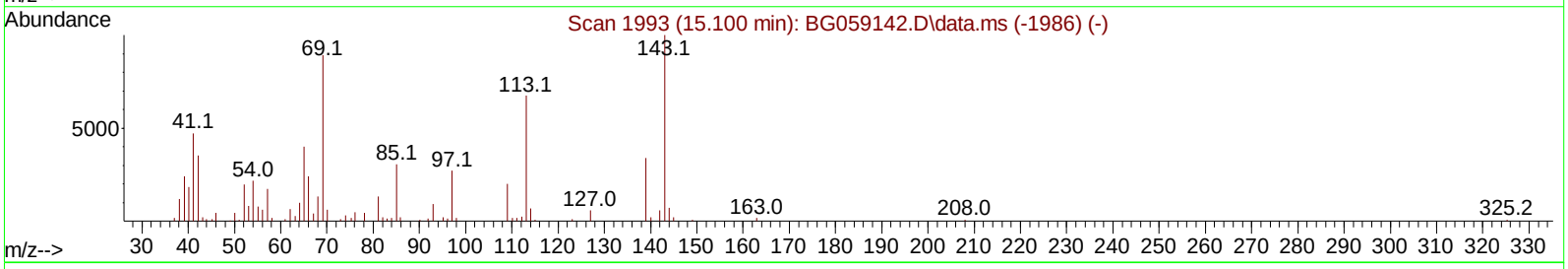
Instrument :
BNA_G
ClientSampleId :
BBKJ2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023







TIC: BG059168.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.110min (+ 0.012) 0.24 ng/ul

response 317

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.10	482.63#
41.00	52.00	2219.69#
42.00	40.70	407.72#

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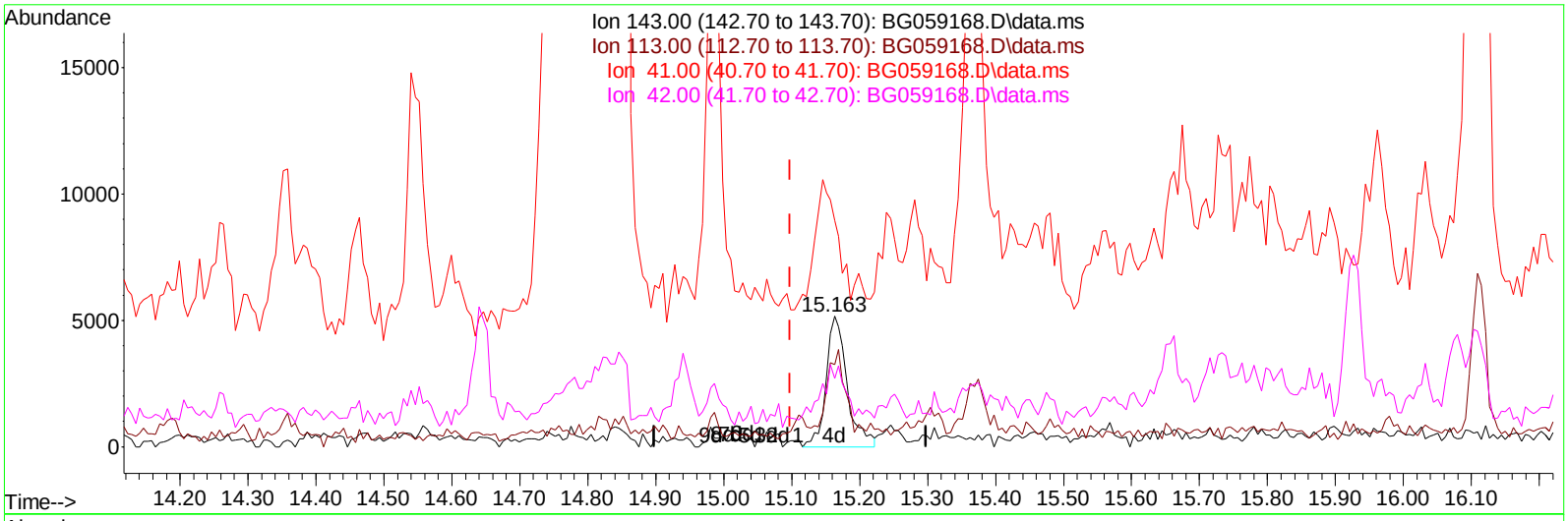

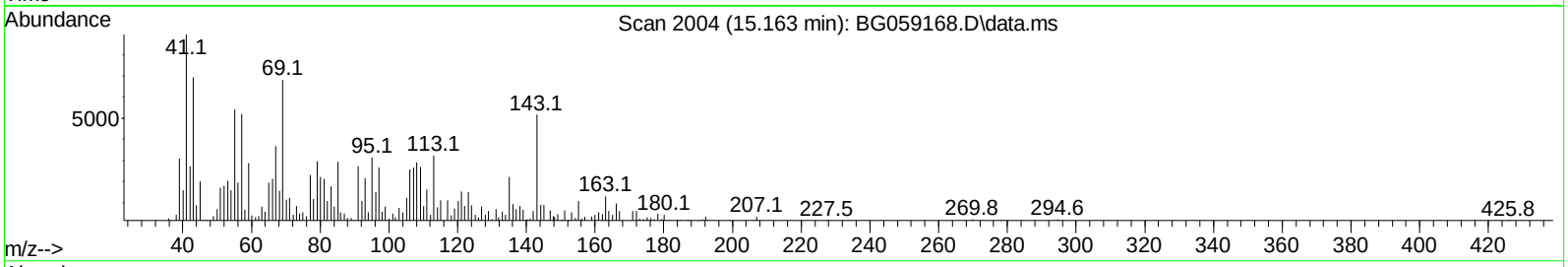

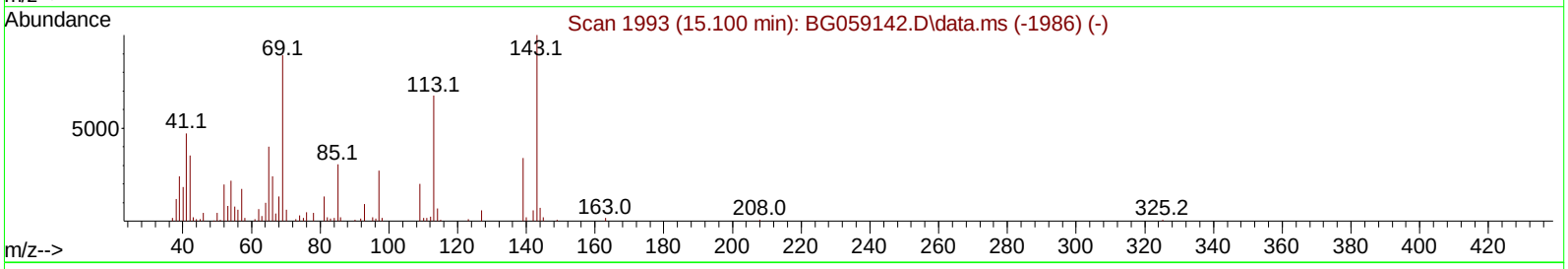

TIC: BG059168.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.163min (+ 0.065) 8.56 ng/ul m

response 11104

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.10	62.79
41.00	52.00	173.45#
42.00	40.70	52.57#

Quantitation Report (QT Reviewed)

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Quant Time: Sep 23 00:51:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	30509	20.000	ng/ul	0.01
20) Naphthalene-d8	11.156	136	152985	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.940	164	92431	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.689	188	179132	20.000	ng/ul	0.01
79) Chrysene-d12	22.014	240	147715	20.000	ng/ul	0.02
88) Perylene-d12	25.580	264	173009	20.000	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.624	96	4763	6.111	ng/uL	0.01
4) Pyridine-d5	4.058	84	37422	16.365	ng/ul	0.01
7) Phenol-d5	7.437	99	37927	12.643	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.631	67	90720	49.279	ng/ul	0.01
11) 2-Chlorophenol-d4	7.830	132	91804	41.469	ng/ul	0.02
15) 4-Methylphenol-d8	9.011	113	65823	27.550	ng/ul	0.03
21) Nitrobenzene-d5	9.511	128	61136	51.788	ng/ul	0.02
24) 2-Nitrophenol-d4	10.233	143	63903	53.585	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.774	165	116353	51.392	ng/ul	0.04
31) 4-Chloroaniline-d4	11.303	131	77111	21.822	ng/ul	0.02
46) Dimethylphthalate-d6	14.335	166	373772	52.580	ng/ul	0.01
49) Acenaphthylene-d8	14.646	160	454125	52.466	ng/ul	0.02
54) 4-Nitrophenol-d4	15.163	143	11104m	8.562	ng/ul	0.07
60) Fluorene-d10	15.927	176	330565	50.802	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.033	200	48333	47.459	ng/ul	0.01
73) Anthracene-d10	17.789	188	441161	54.126	ng/ul	0.01
81) Pyrene-d10	20.063	212	498898	57.784	ng/ul	0.02
92) Benzo(a)pyrene-d12	25.328	264	442993	52.438	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.659	88	9637	10.934	ng/uL#	75
10) Bis(2-Chloroethyl)ether	7.725	93	29168	11.782	ng/ul	98
42) 2,4,5-Trichlorophenol	13.447	196	2575	1.345	ng/ul#	85
43) 1,1'-Biphenyl	13.776	154	7621	1.033	ng/ul#	82
47) Dimethylphthalate	14.382	163	21961	3.025	ng/ul#	92
59) Diethylphthalate	15.727	149	61725	8.627	ng/ul	99

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

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