Quantitation Report (Qedit)

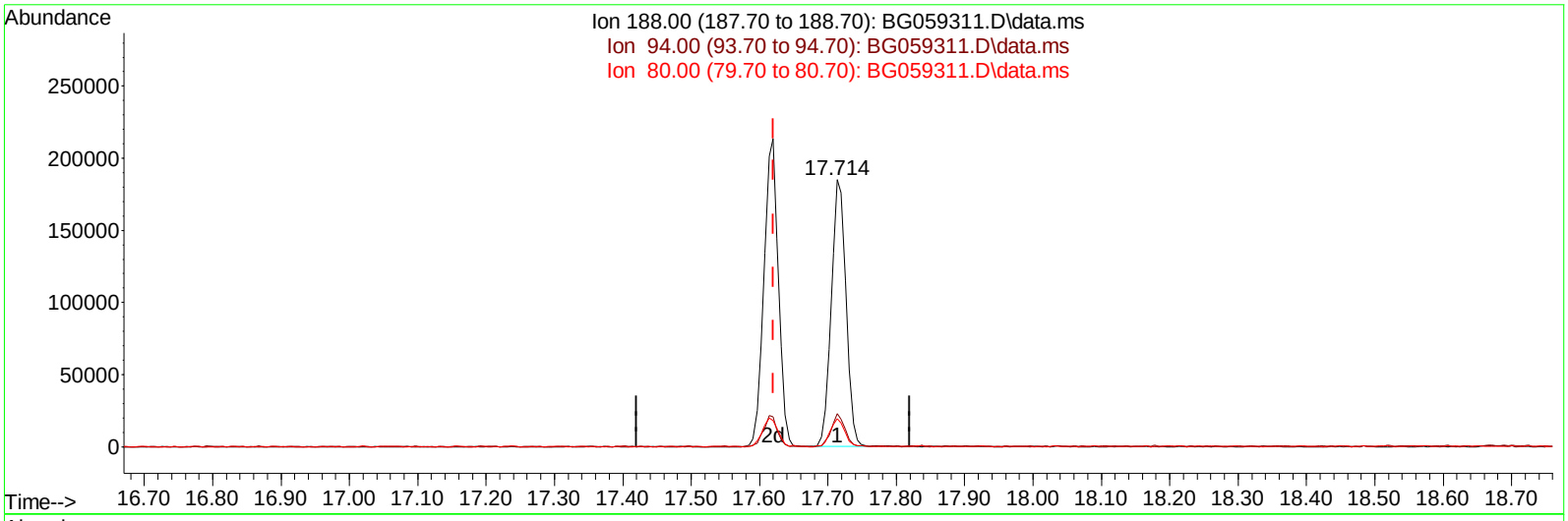
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

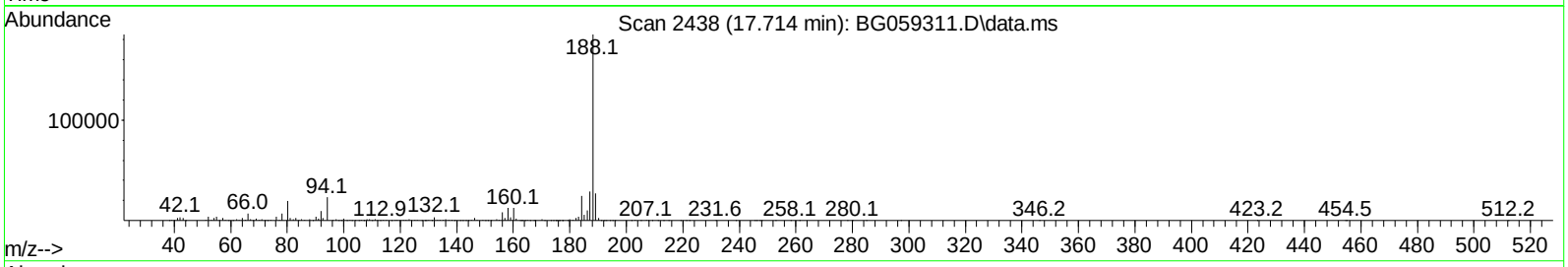
Quant Time: Oct 06 04:01:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

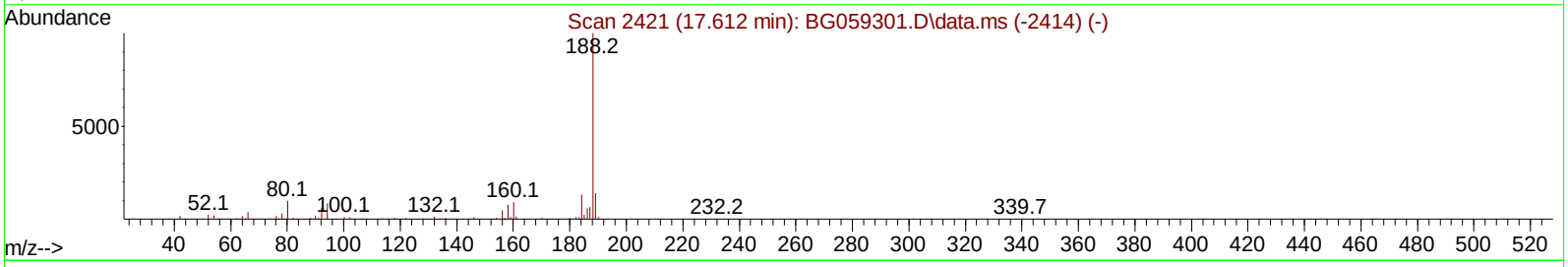
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(64) Phenanthrene-d10 (I)

17.714min (+ 0.093) 20.00 ng/ul

response 276617

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.20	12.48
80.00	11.80	10.55
0.00	0.00	0.00

Quantitation Report (Qedit)

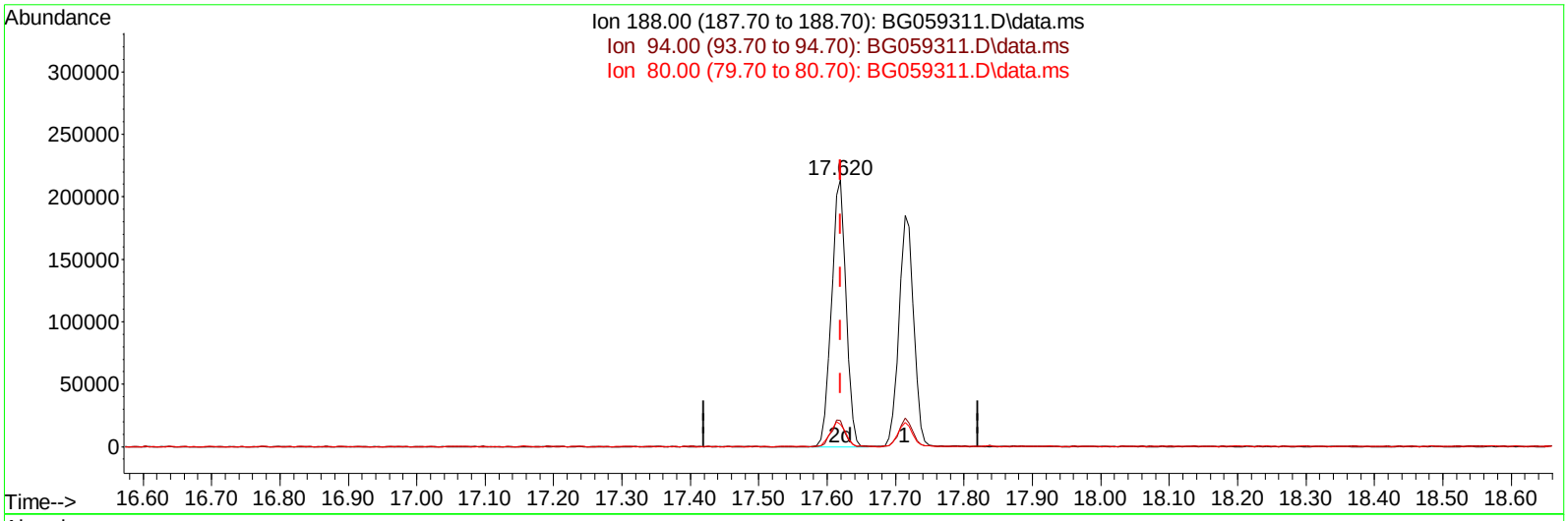
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

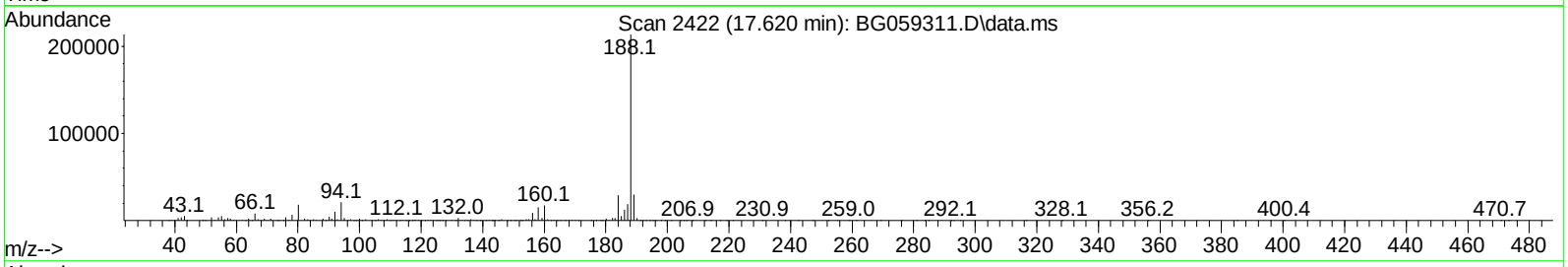
Quant Time: Oct 06 04:01:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

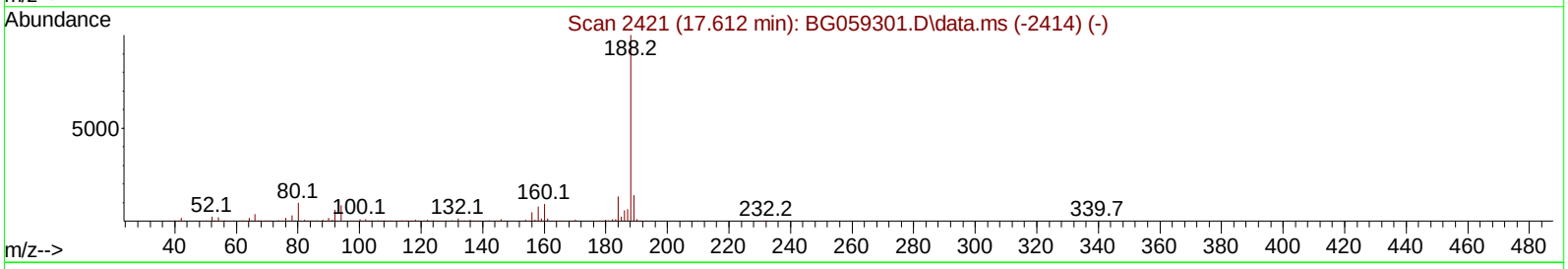
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(64) Phenanthrene-d10 (I)

17.620min (-0.000) 20.00 ng/ul m

response 315372

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.20	9.80
80.00	11.80	8.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

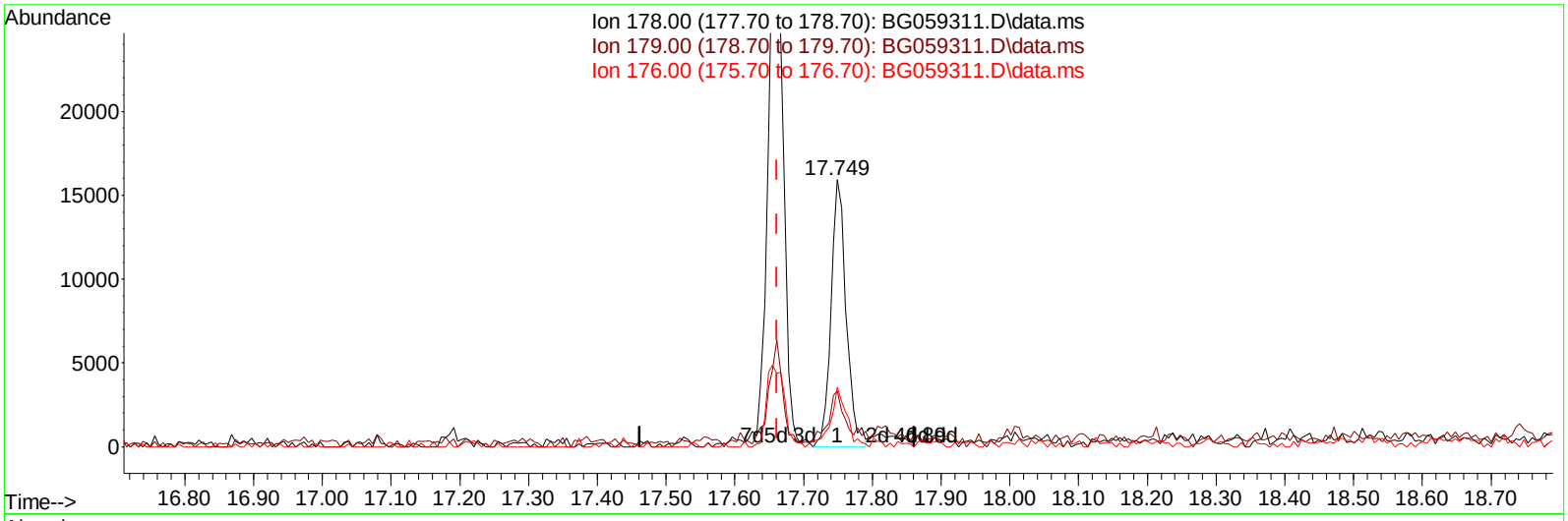
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

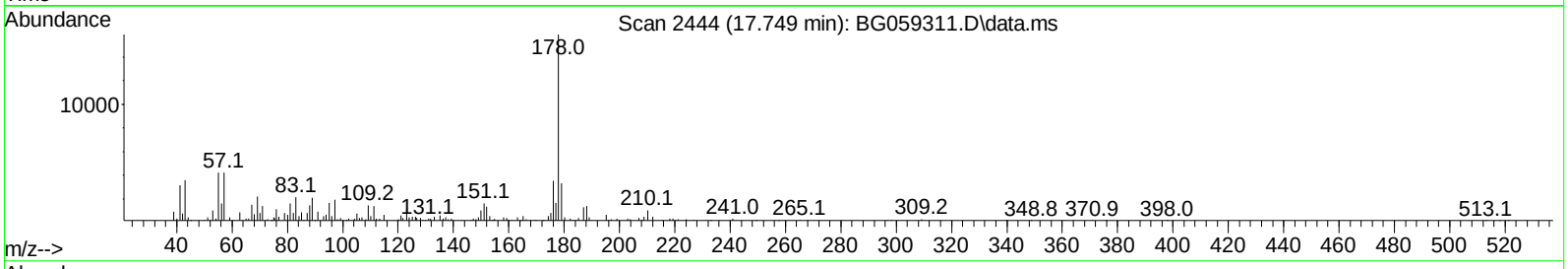
Quant Time: Oct 06 04:03:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

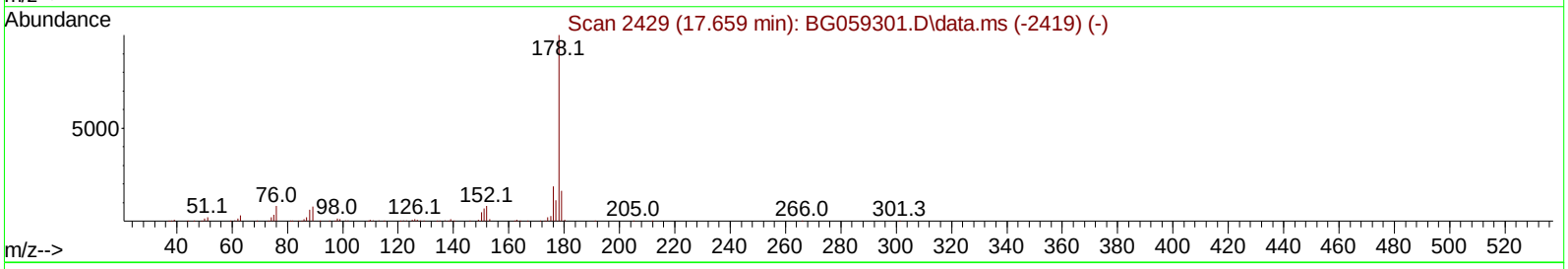
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(72) Phenanthrene

17.749min (+ 0.088) 1.41 ng/ul

response 24409

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.40	20.92#
176.00	18.20	22.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

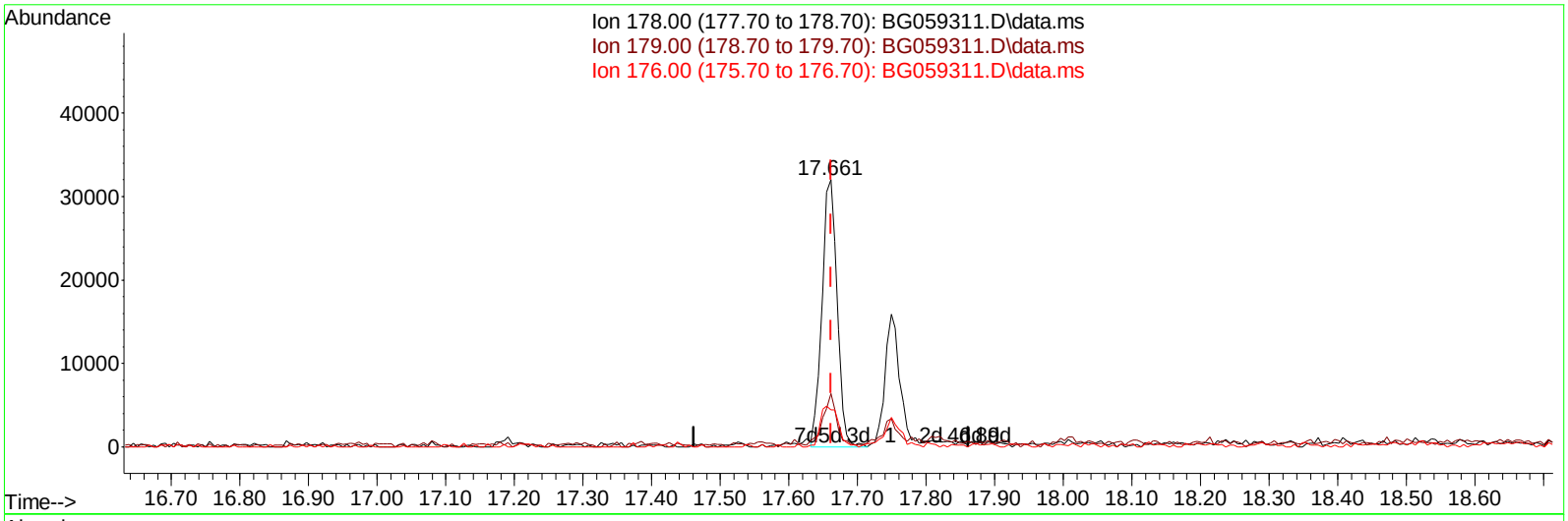
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

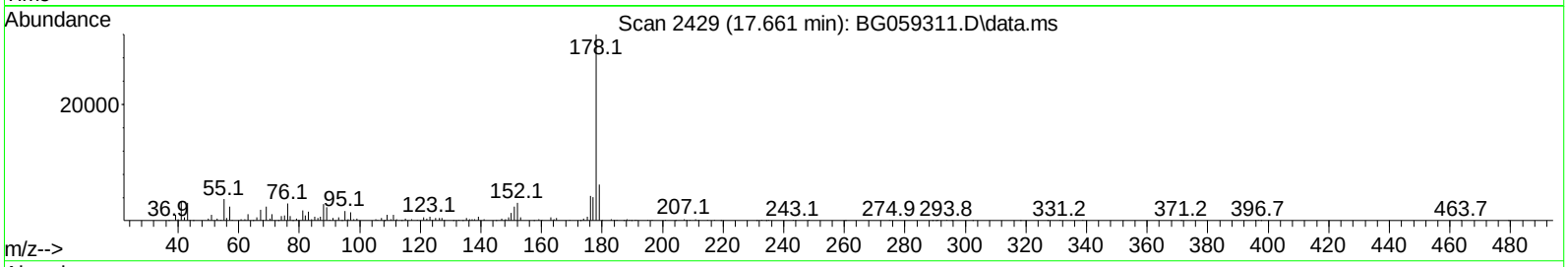
Quant Time: Oct 06 04:03:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

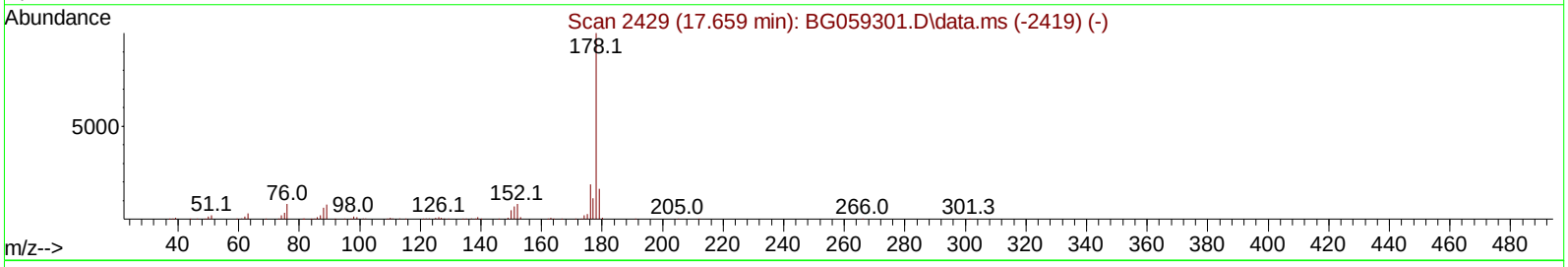
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(72) Phenanthrene

17.661min (-0.001) 2.84 ng/ul m

response 49110

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.40	19.85#
176.00	18.20	13.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

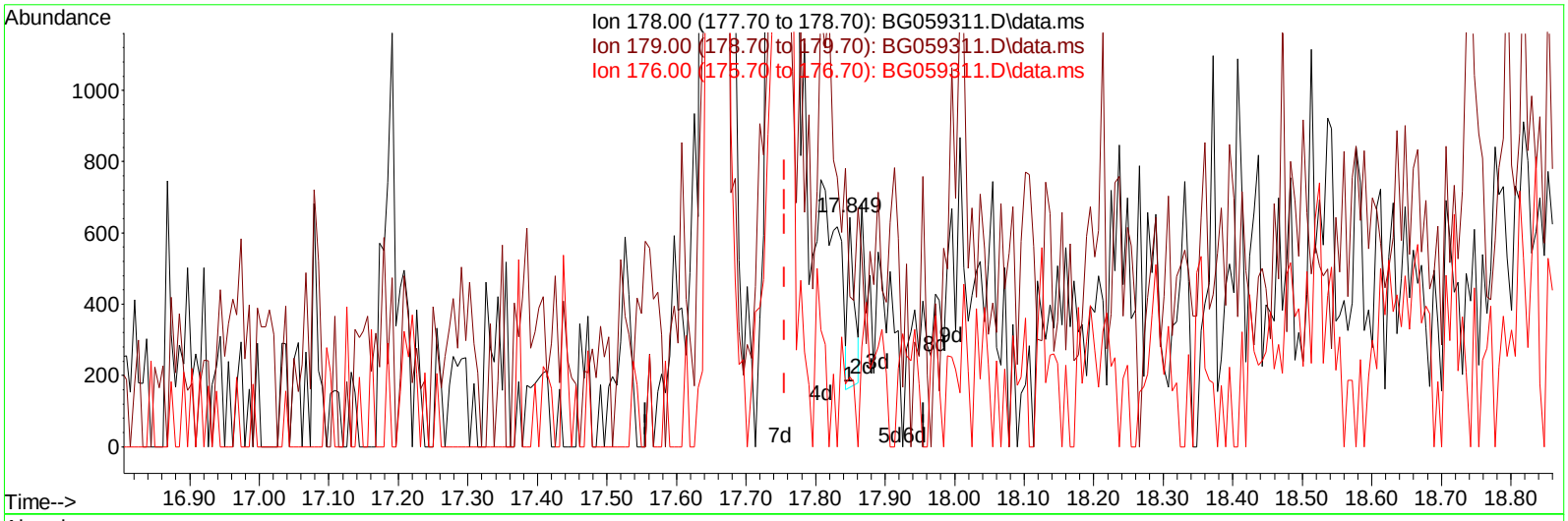
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

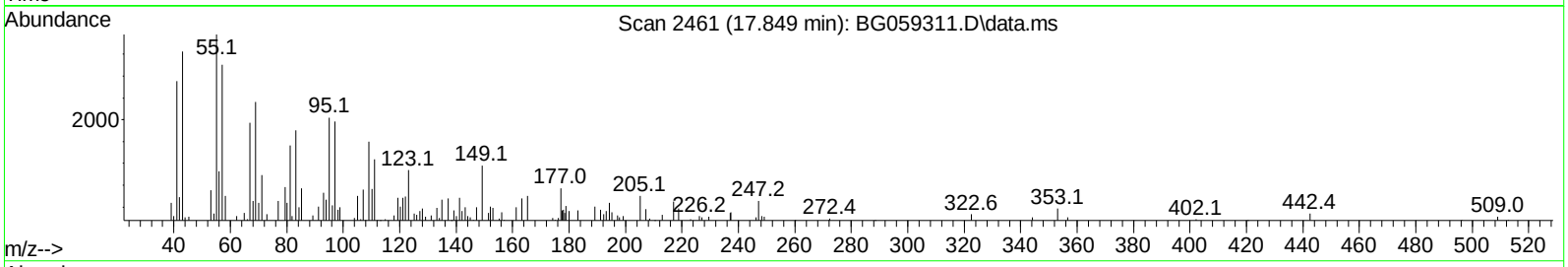
Quant Time: Oct 06 04:03:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

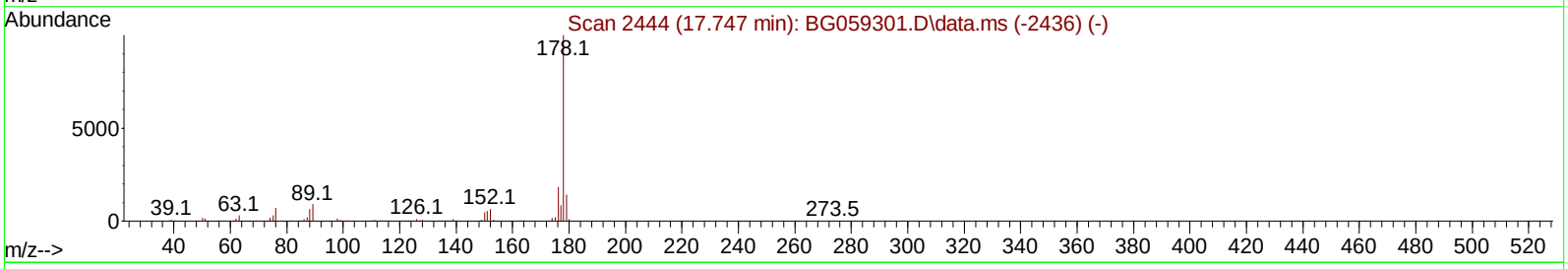
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(74) Anthracene

17.849min (+ 0.094) 0.02 ng/ul

response 302

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.00	65.37#
176.00	18.10	30.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

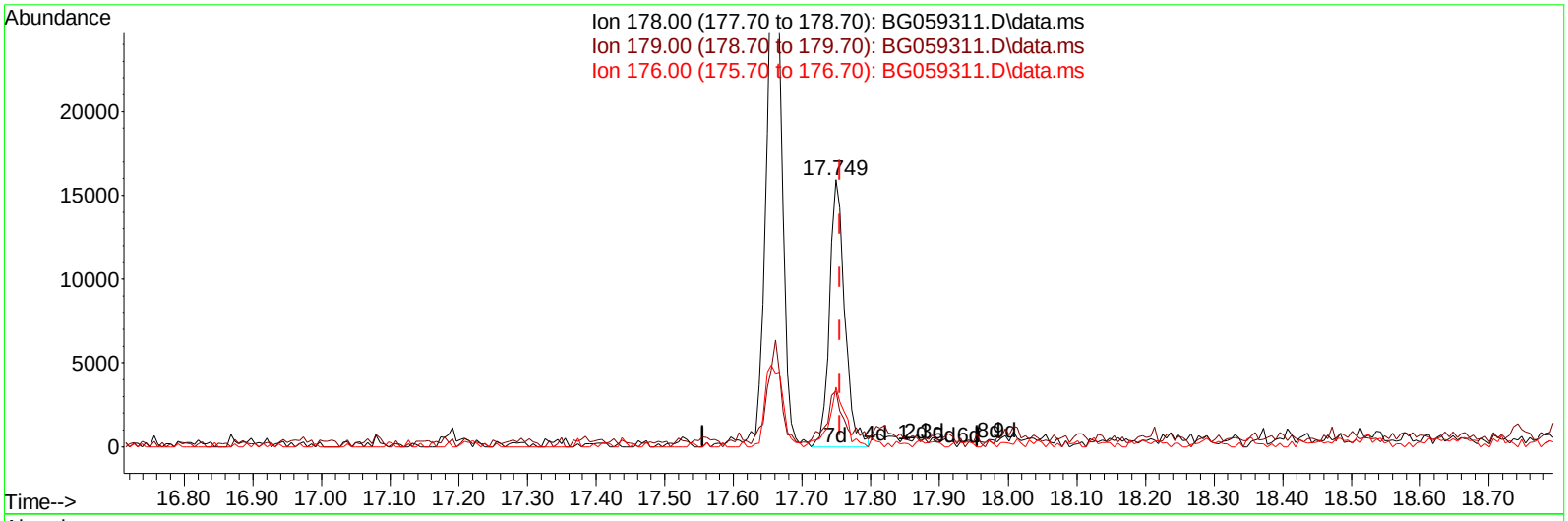
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

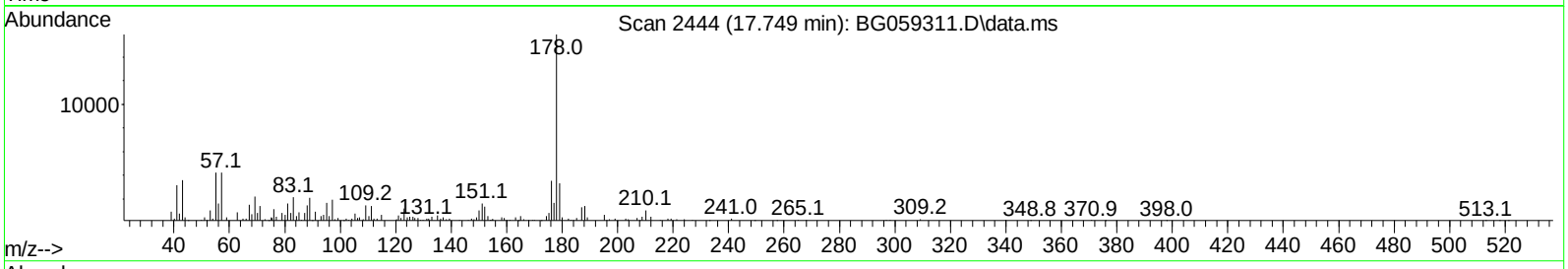
Quant Time: Oct 06 04:03:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

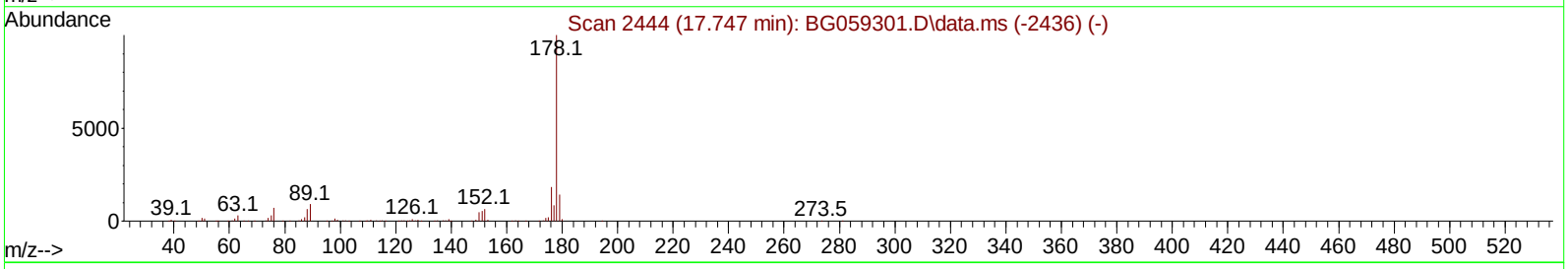
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(74) Anthracene

17.749min (-0.006) 1.38 ng/ul m

response 24600

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.00	20.92#
176.00	18.10	22.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

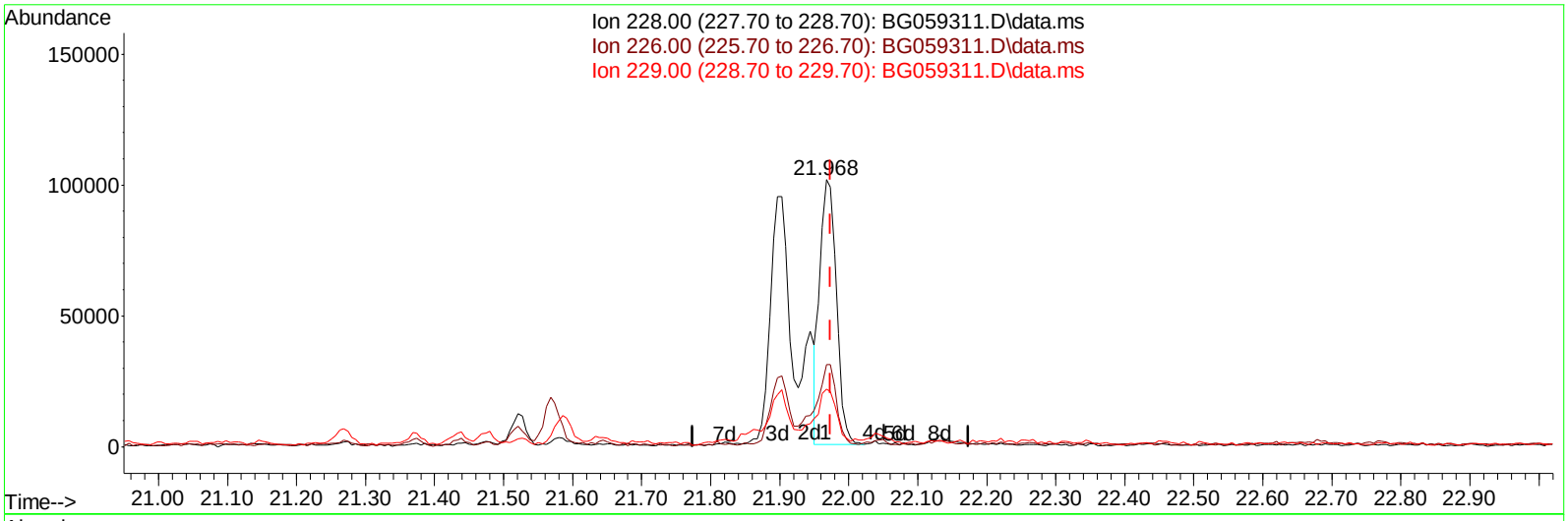
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

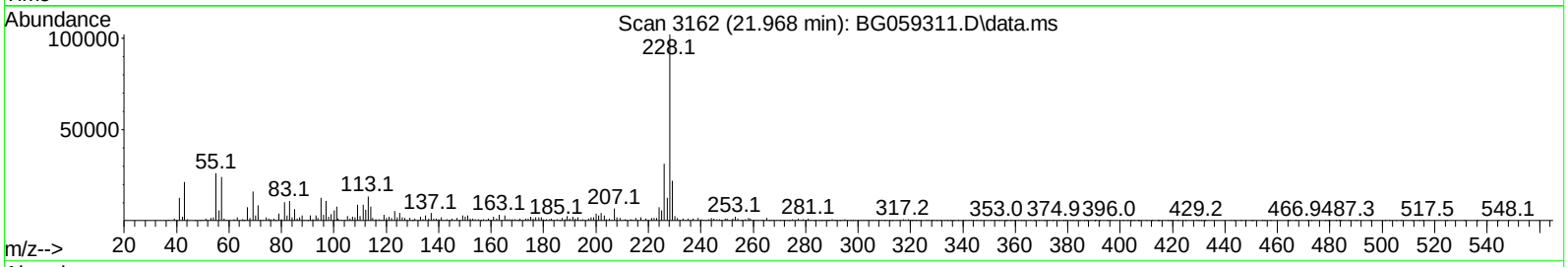
Quant Time: Oct 06 04:04:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

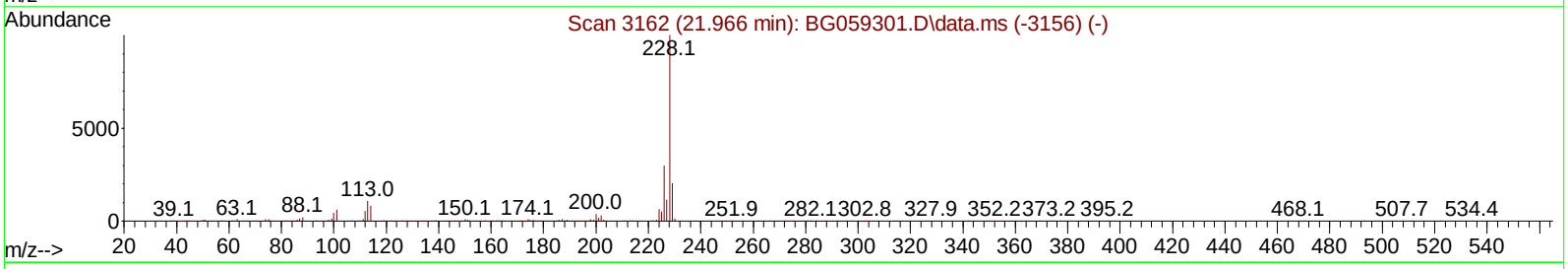
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(87) Chrysene

21.968min (-0.006) 9.73 ng/ul

response 167719

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.30	30.71
229.00	20.20	21.60
0.00	0.00	0.00

Quantitation Report (Qedit)

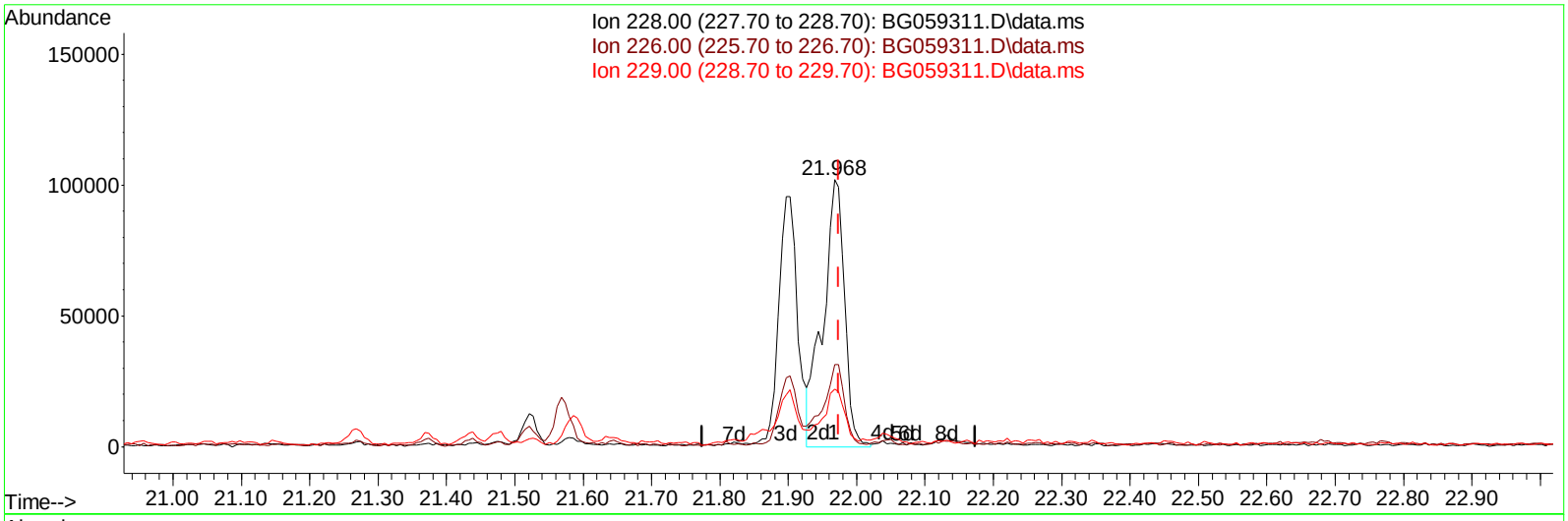
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

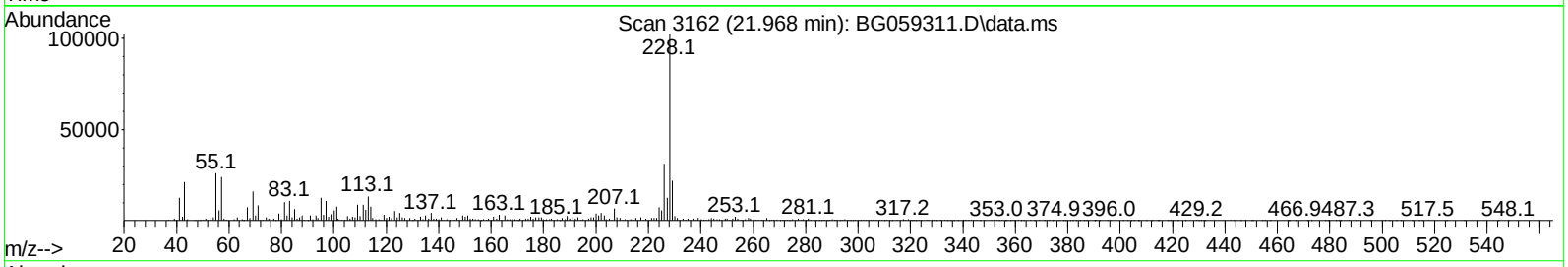
Quant Time: Oct 06 04:04:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

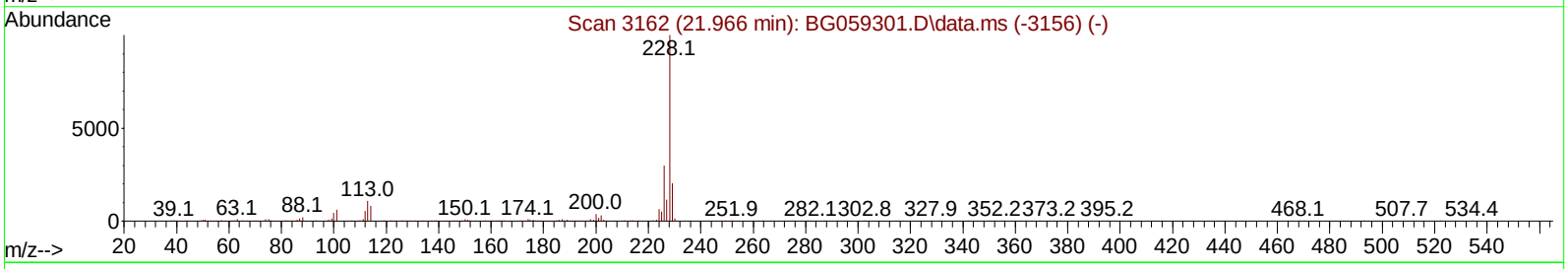
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(87) Chrysene

21.968min (-0.006) 12.99 ng/ul m

response 223811

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.30	30.71
229.00	20.20	21.60
0.00	0.00	0.00

Quantitation Report (Qedit)

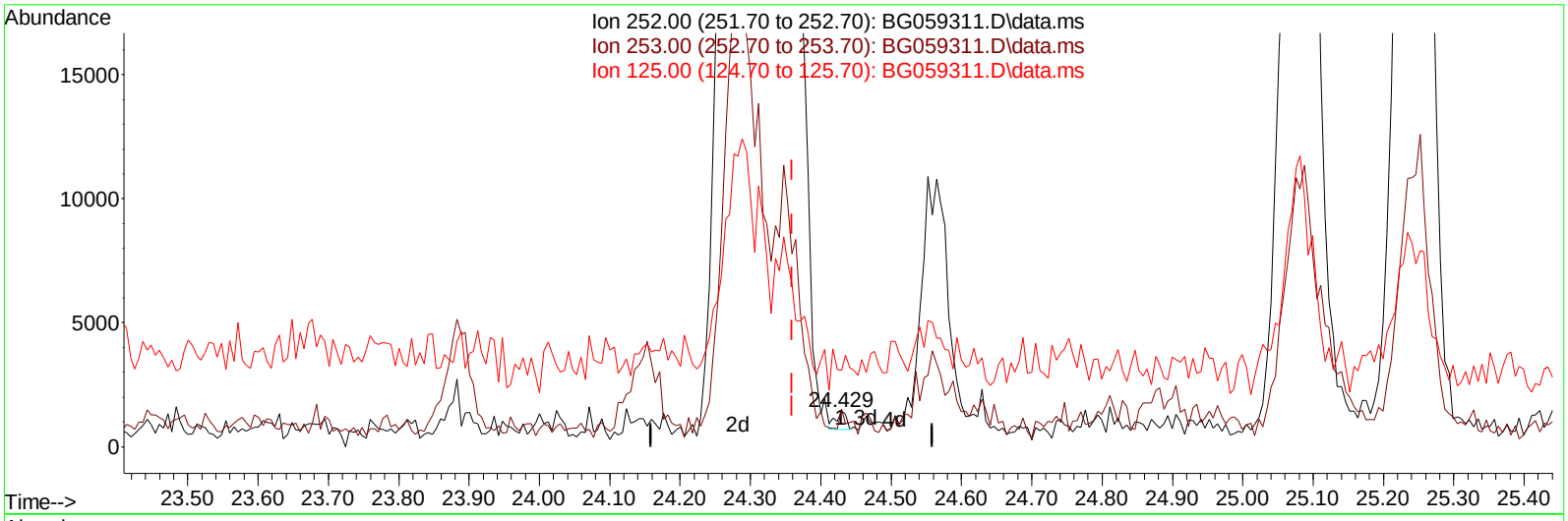
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

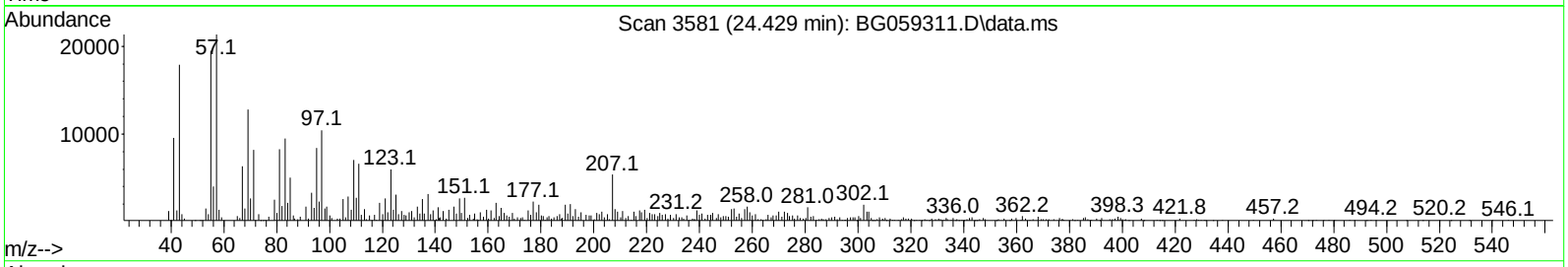
Quant Time: Oct 06 04:04:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

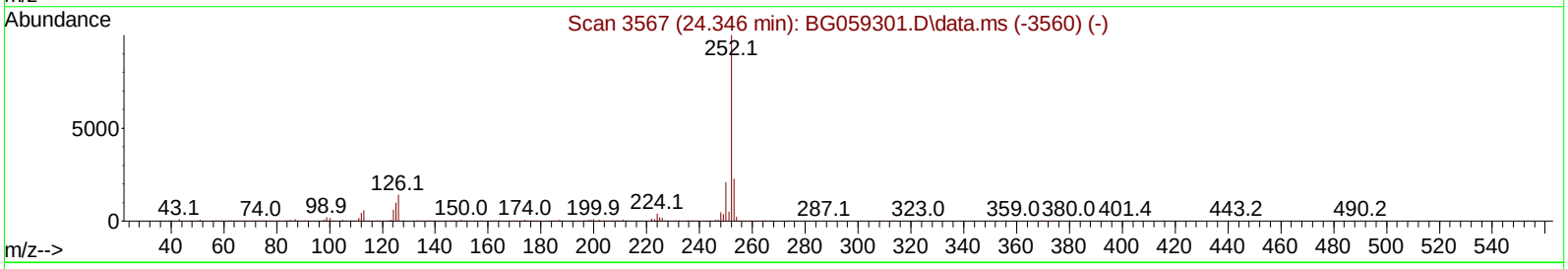
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(91) Benzo(k)fluoranthene

24.429min (+ 0.070) 0.04 ng/ul

response 768

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	105.31#
125.00	10.10	216.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

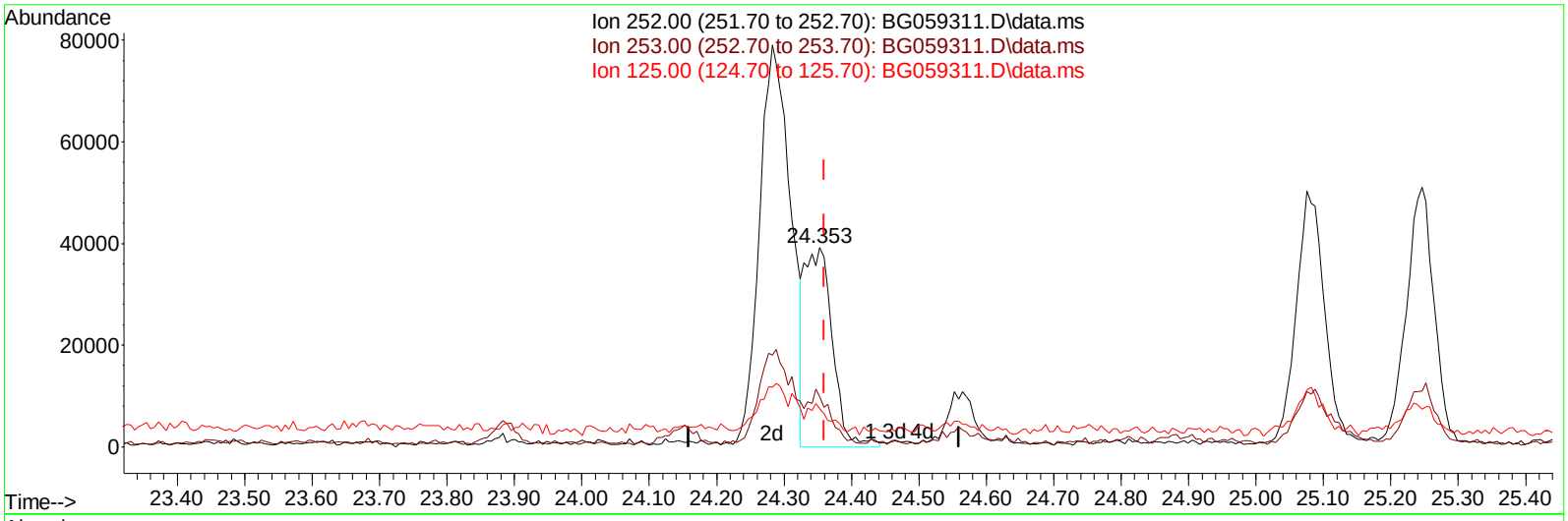
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

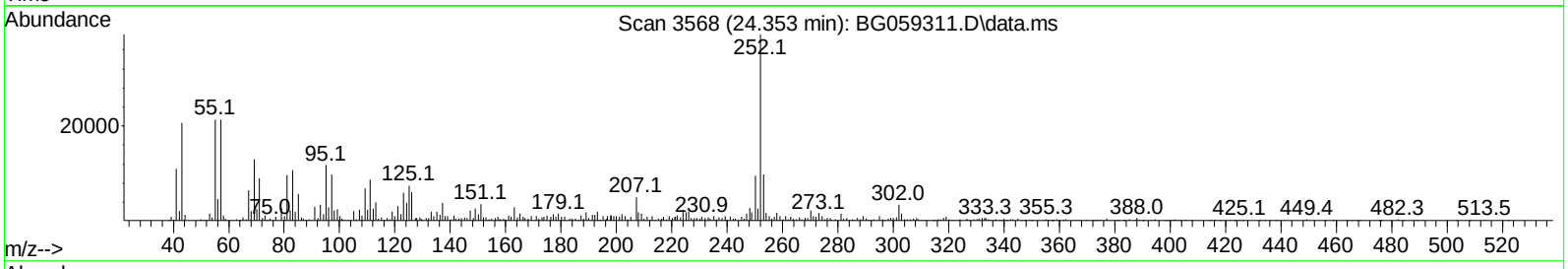
Quant Time: Oct 06 04:04:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

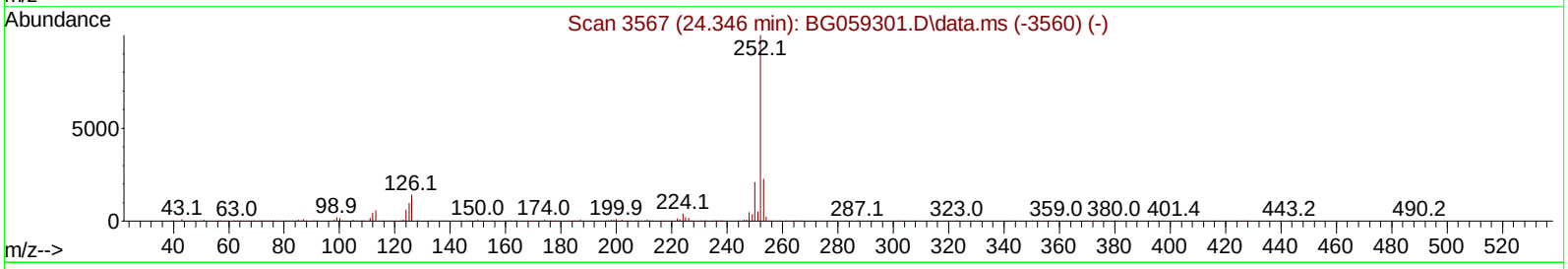
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(91) Benzo(k)fluoranthene

24.353min (-0.006) 6.05 ng/ul m

response 112033

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	25.18
125.00	10.10	19.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

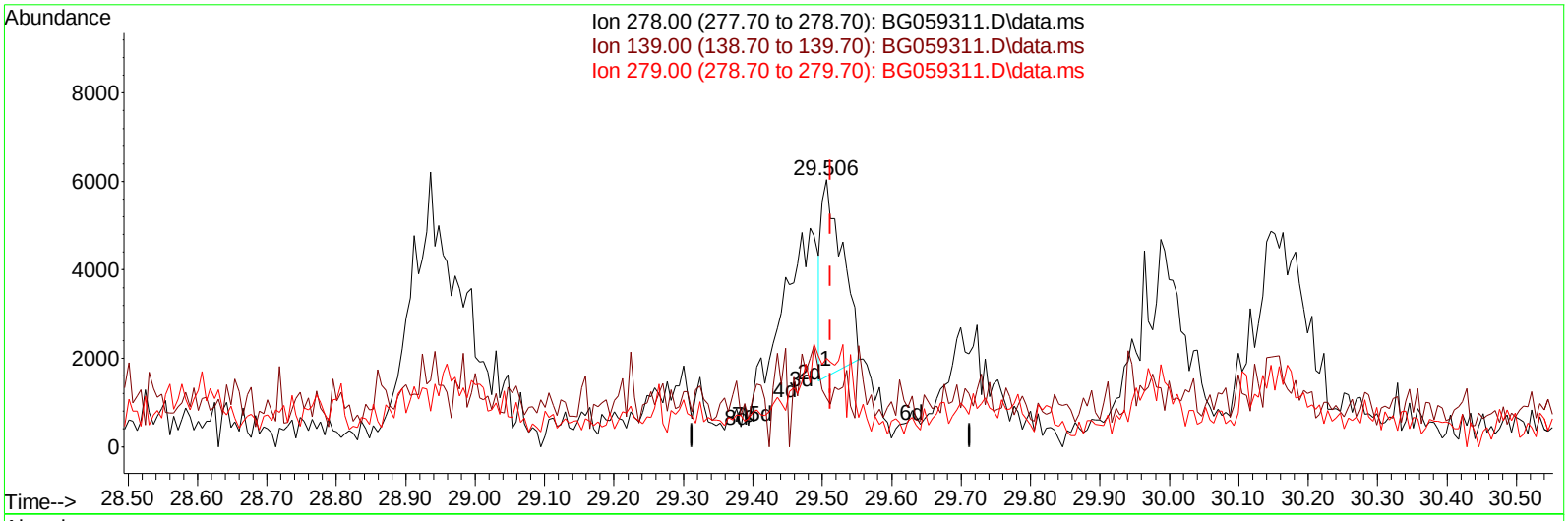
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

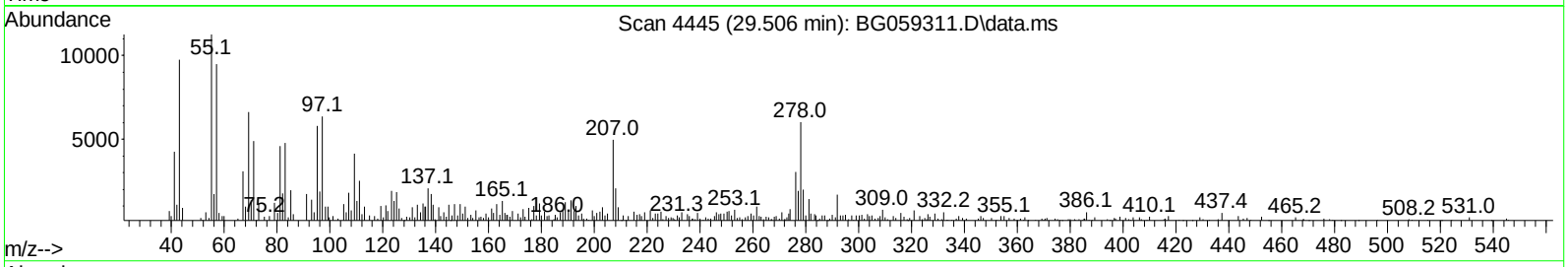
Quant Time: Oct 06 04:04:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

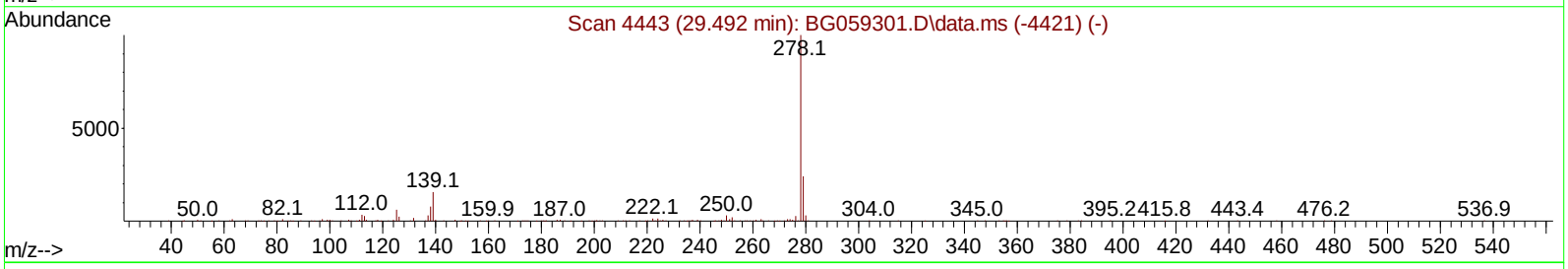
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(95) Dibenzo(a,h)anthracene

29.506min (-0.006) 0.58 ng/ul

response 9223

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.10	18.22#
279.00	23.20	33.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

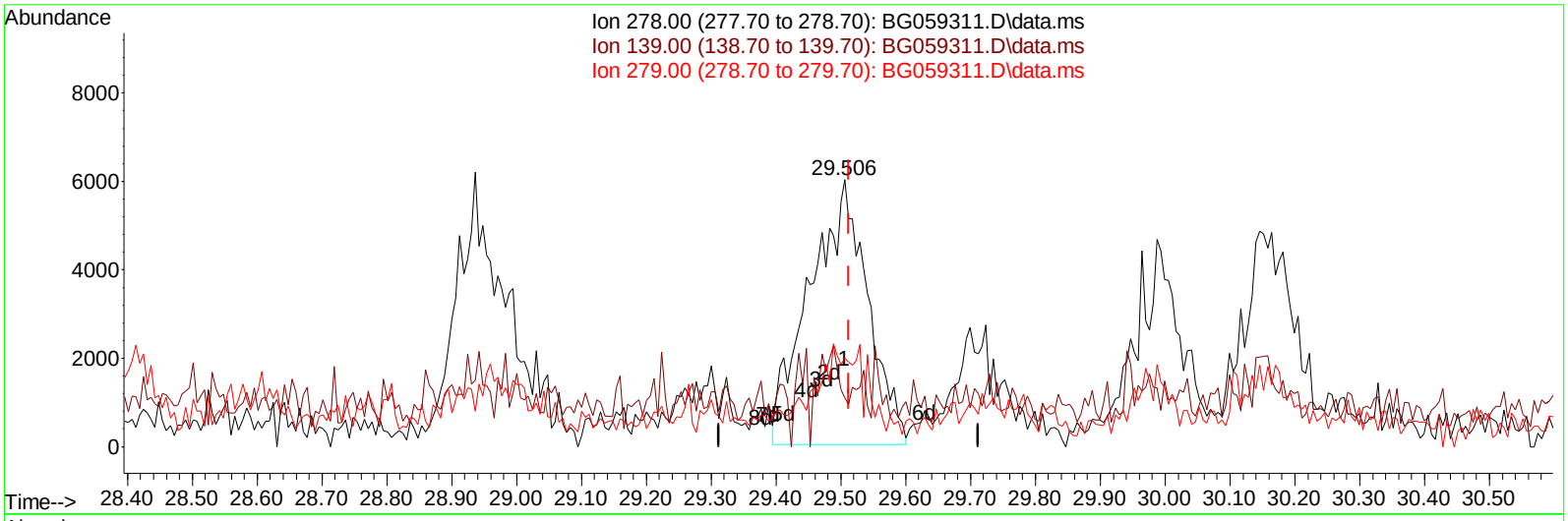
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

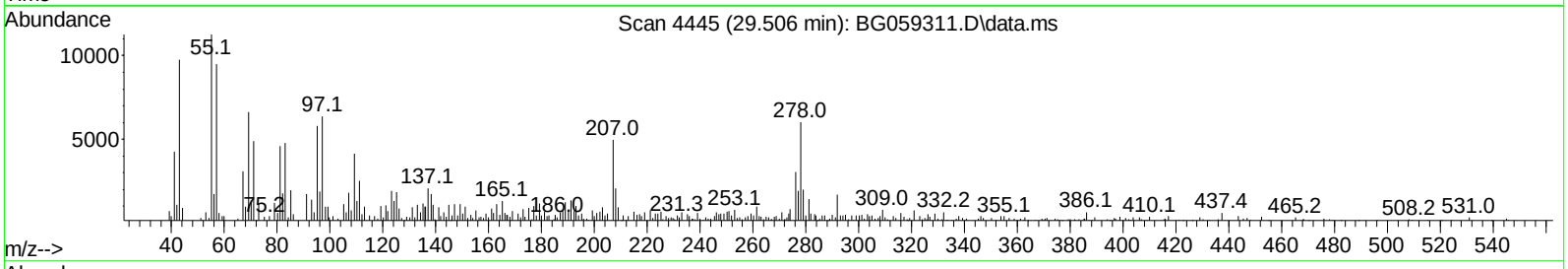
Quant Time: Oct 06 04:04:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

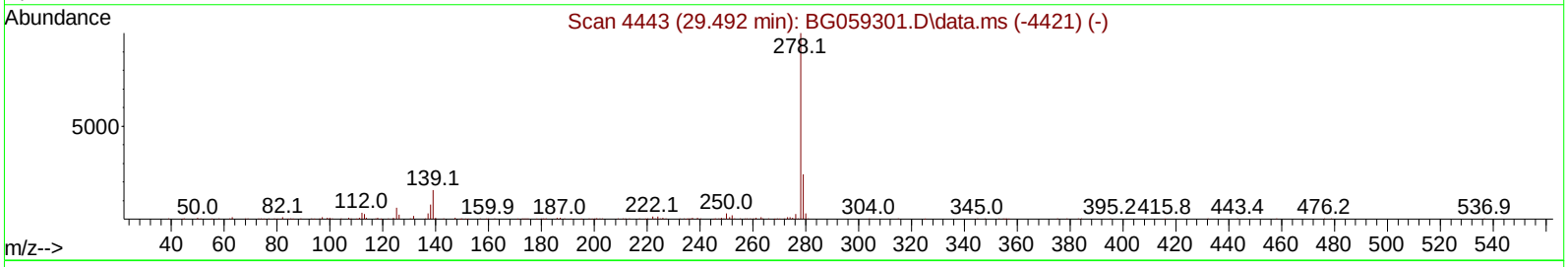
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(95) Dibenzo(a,h)anthracene

29.506min (-0.006) 2.33 ng/ul m

response 37090

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.10	18.22#
279.00	23.20	33.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

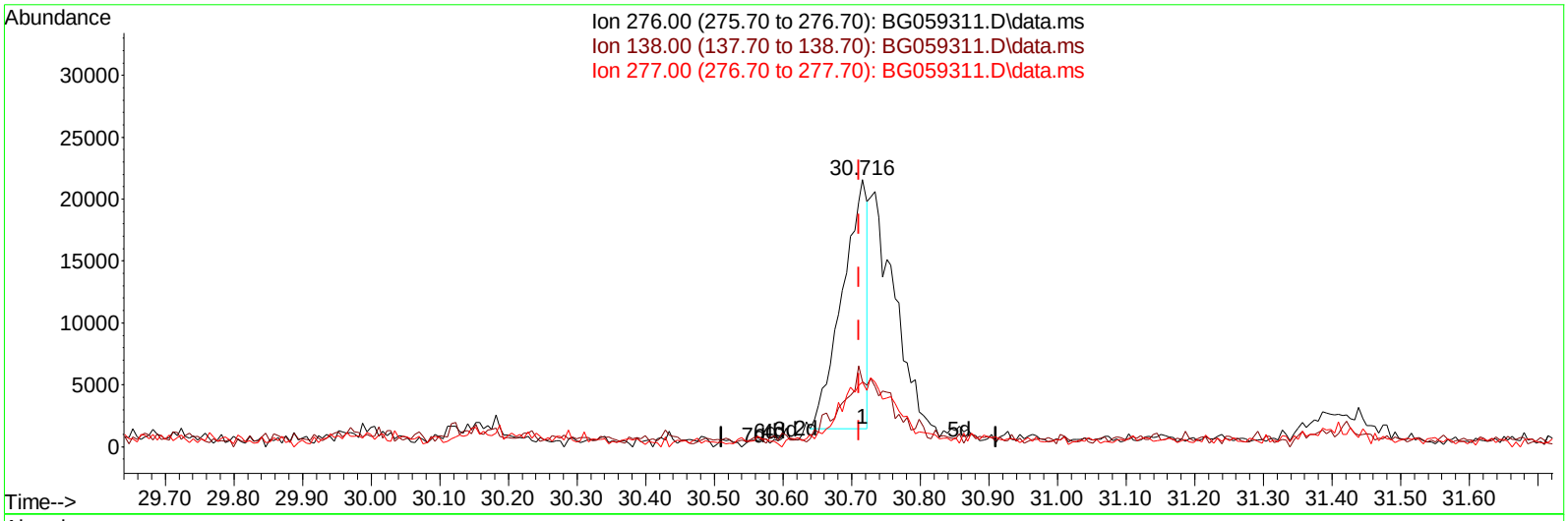
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

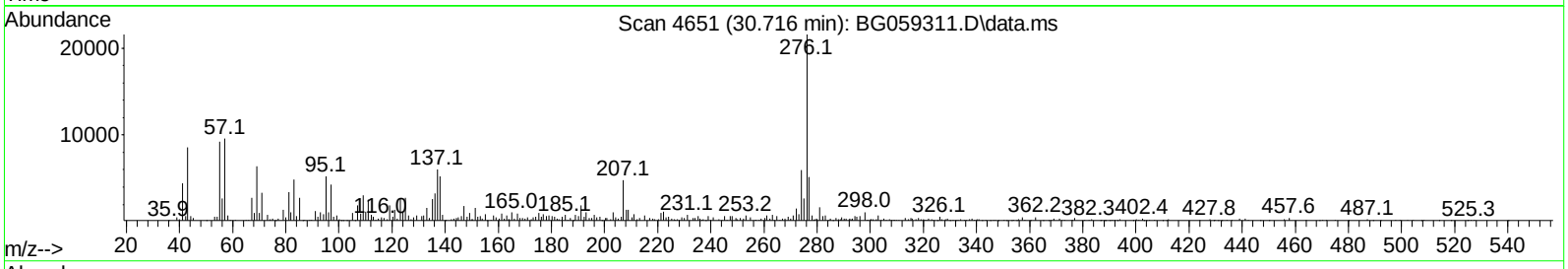
Quant Time: Oct 06 04:04:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

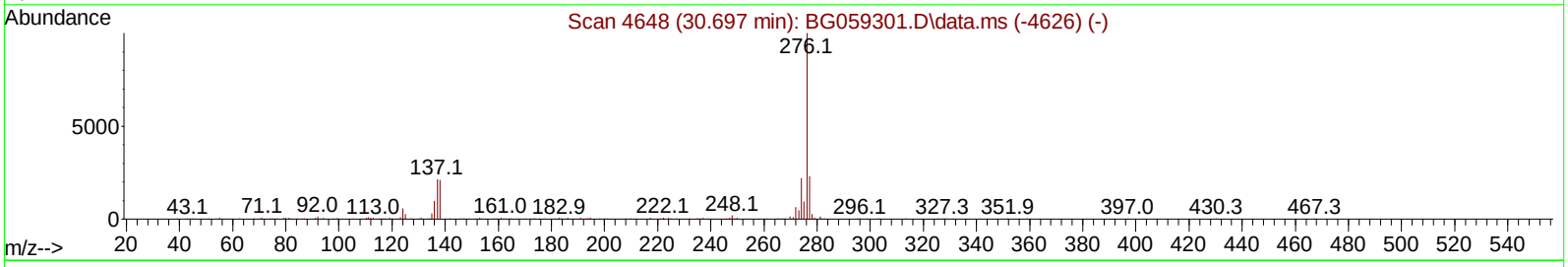
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(96) Benzo(g,h,i)perylene

30.716min (+ 0.005) 3.18 ng/ul

response 50723

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	24.40
277.00	25.00	24.10
0.00	0.00	0.00

Quantitation Report (Qedit)

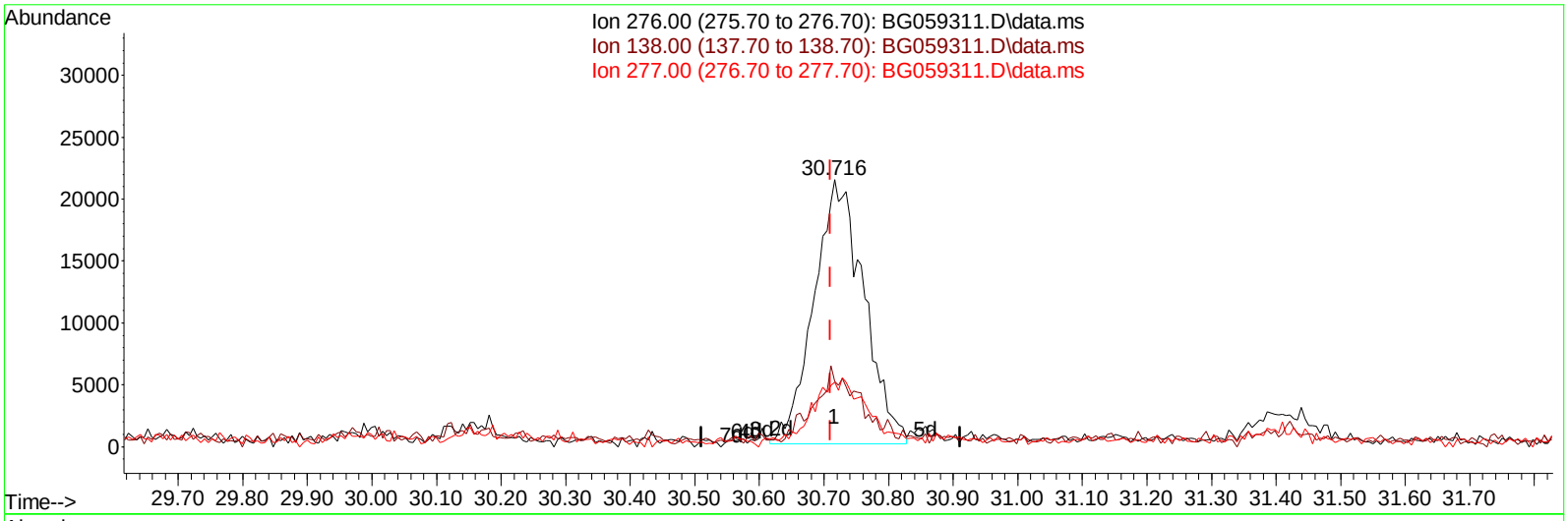
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

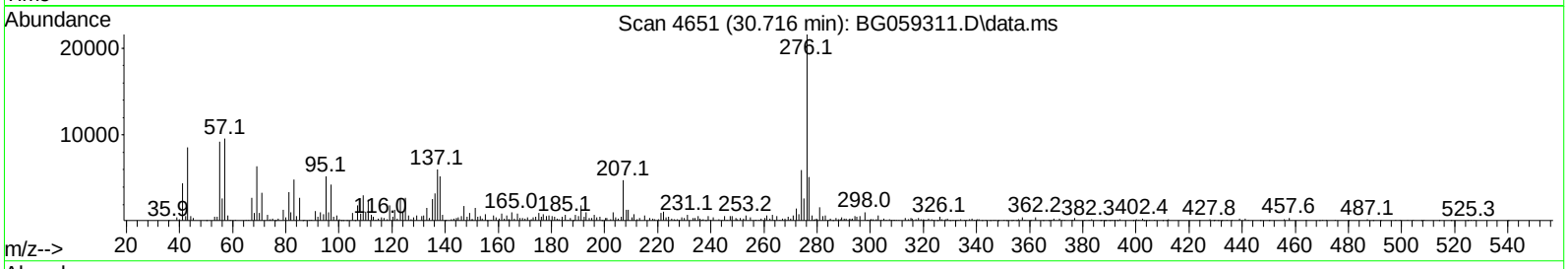
Quant Time: Oct 06 04:04:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

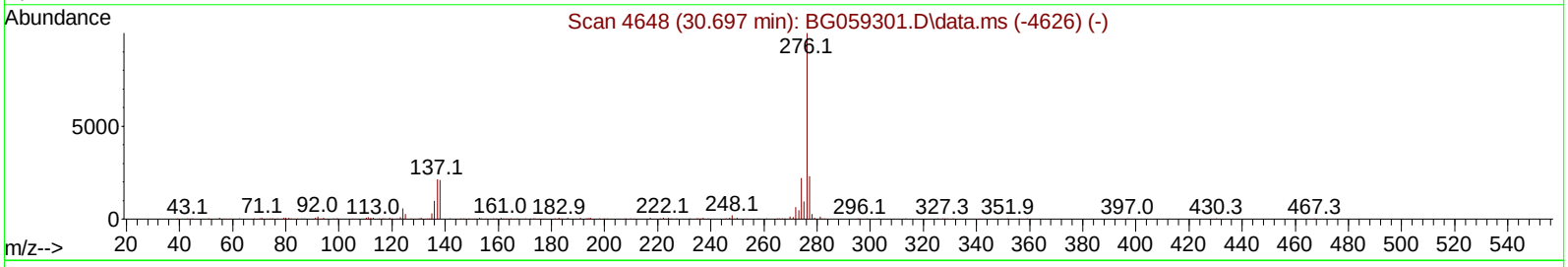
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023







TIC: BG059311.D\data.ms

(96) Benzo(g,h,i)perylene

30.716min (+ 0.005) 7.13 ng/ul m

response 113649

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	24.40
277.00	25.00	24.10
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 06 04:06:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	53360	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	244740	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.870	164	148681	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.620	188	315372m	20.000	ng/ul	0.00
79) Chrysene-d12	21.921	240	259225	20.000	ng/ul	0.00
88) Perylene-d12	25.416	264	298232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	3174	2.245	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.361	99	85044	15.922	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.555	67	55100	16.149	ng/ul	0.00
11) 2-Chlorophenol-d4	7.755	132	52374	14.587	ng/ul	0.00
15) 4-Methylphenol-d8	8.930	113	69445	16.820	ng/ul	0.00
21) Nitrobenzene-d5	9.429	128	36509	21.140	ng/ul	0.00
24) 2-Nitrophenol-d4	10.146	143	19800	11.679	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.681	165	29470	8.461	ng/ul	0.00
31) 4-Chloroaniline-d4	11.221	131	44464	7.891	ng/ul	0.00
46) Dimethylphthalate-d6	14.259	166	213071	19.821	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	267926	19.857	ng/ul	0.00
54) 4-Nitrophenol-d4	15.064	143	227	0.121	ng/ul	0.00
60) Fluorene-d10	15.857	176	208348	20.364	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.957	200	129	0.080	ng/ul	0.00
73) Anthracene-d10	17.714	188	275716	19.187	ng/ul	0.00
81) Pyrene-d10	19.993	212	320907	22.106	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.170	264	303432	21.172	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.661	178	49110m	2.838	ng/ul	
74) Anthracene	17.749	178	24600m	1.377	ng/ul	
80) Fluoranthene	19.653	202	294431	16.464	ng/ul#	96
82) Pyrene	20.023	202	392916	20.743	ng/ul	99
85) Benzo(a)anthracene	21.897	228	182369	9.994	ng/ul	98
87) Chrysene	21.968	228	223811m	12.986	ng/ul	
90) Benzo(b)fluoranthene	24.282	252	250798	13.730	ng/ul#	96
91) Benzo(k)fluoranthene	24.353	252	112033m	6.053	ng/ul	
93) Benzo(a)pyrene	25.246	252	142621	8.231	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.441	276	104969	5.351	ng/ul	98
95) Dibenzo(a,h)anthracene	29.506	278	37090m	2.325	ng/ul	
96) Benzo(g,h,i)perylene	30.716	276	113649m	7.126	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 06 04:06:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023