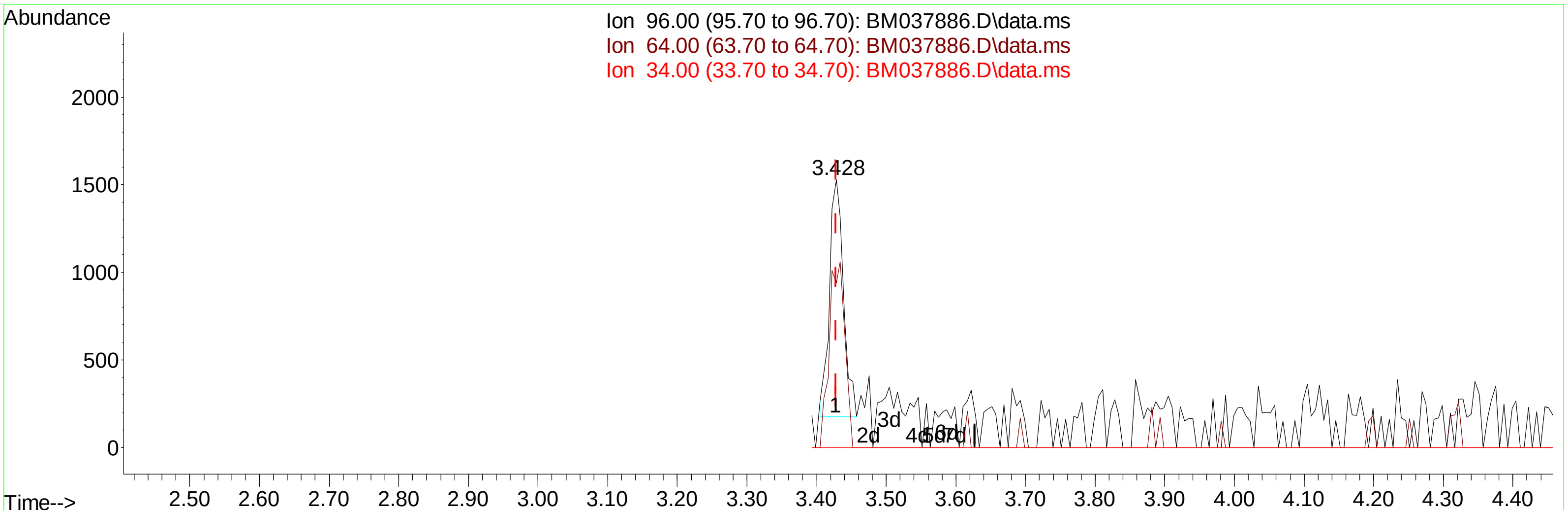
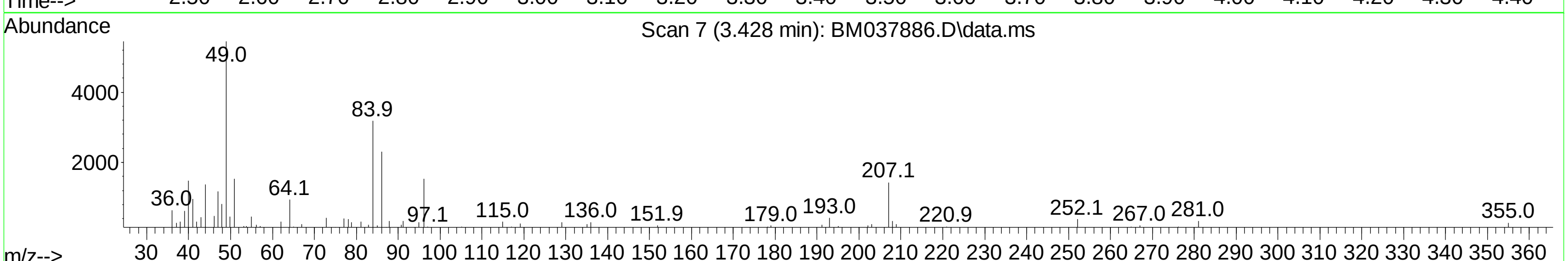
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On    : 08 Dec 2022  14:45
Operator  : CG/JU
Sample    : N5832-20 10X
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title  : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration
```

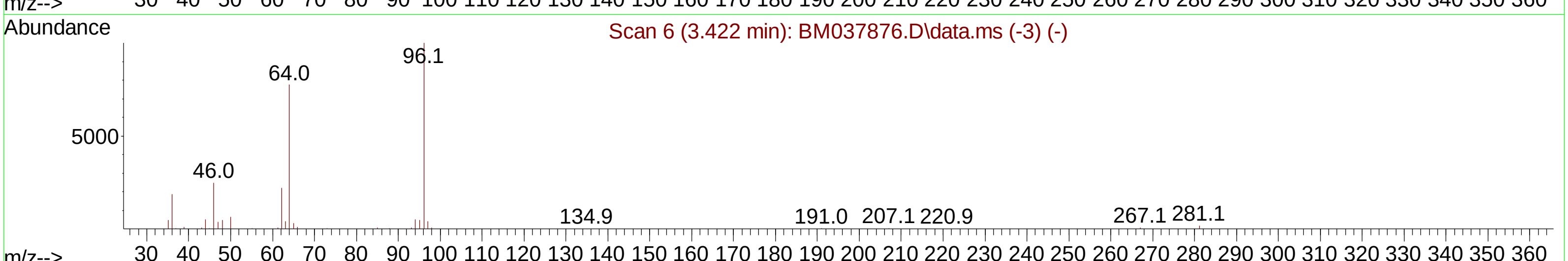
Instrument :
BNA_M
ClientSampleId :
DBXL5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037886.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.428min (+ 0.000) 0.27 ng/uL

response 1894

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	61.41
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXL5

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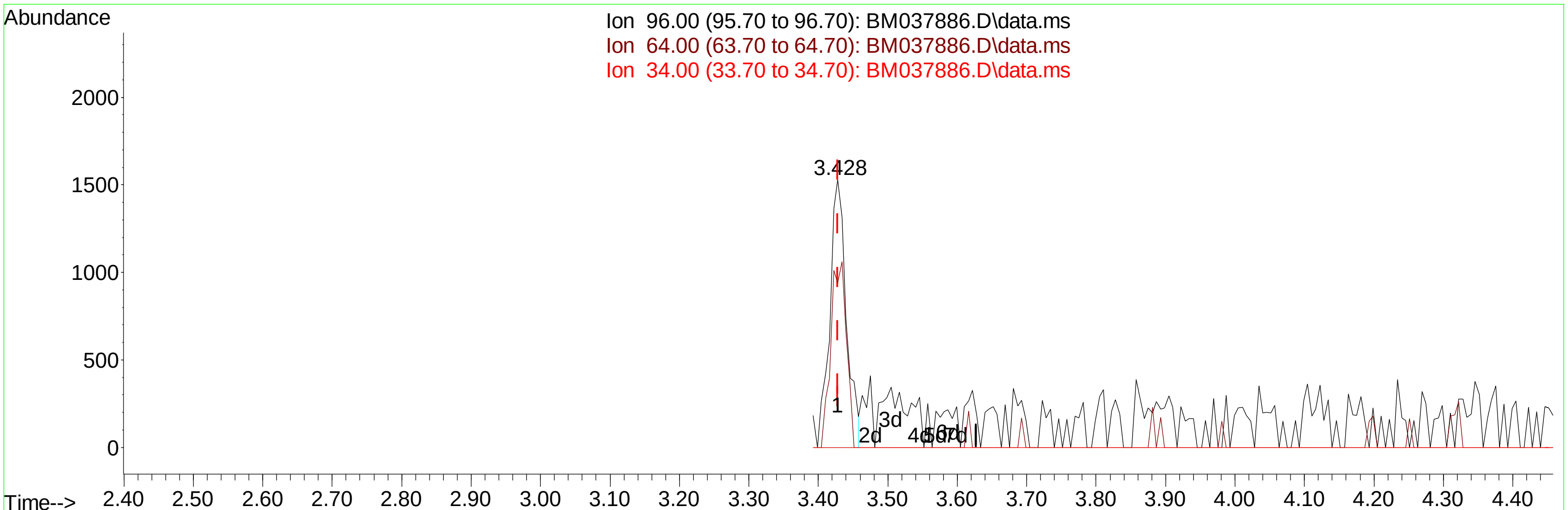

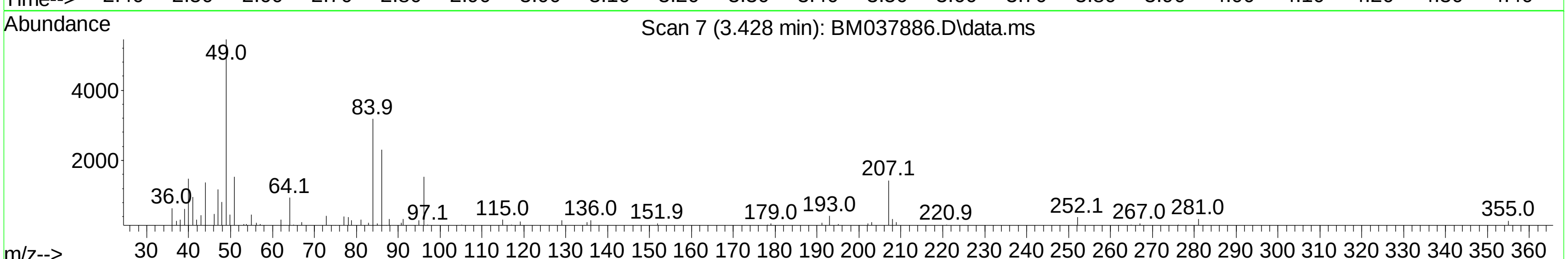

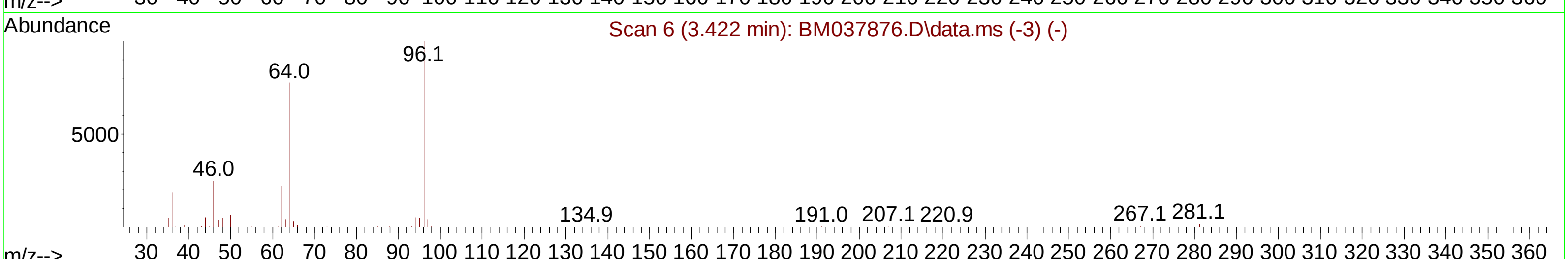

TIC: BM037886.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.428min (+ 0.000) 0.36 ng/uL m

response 2540

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	61.41
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXL5

Manual IntegrationsAPPROVED

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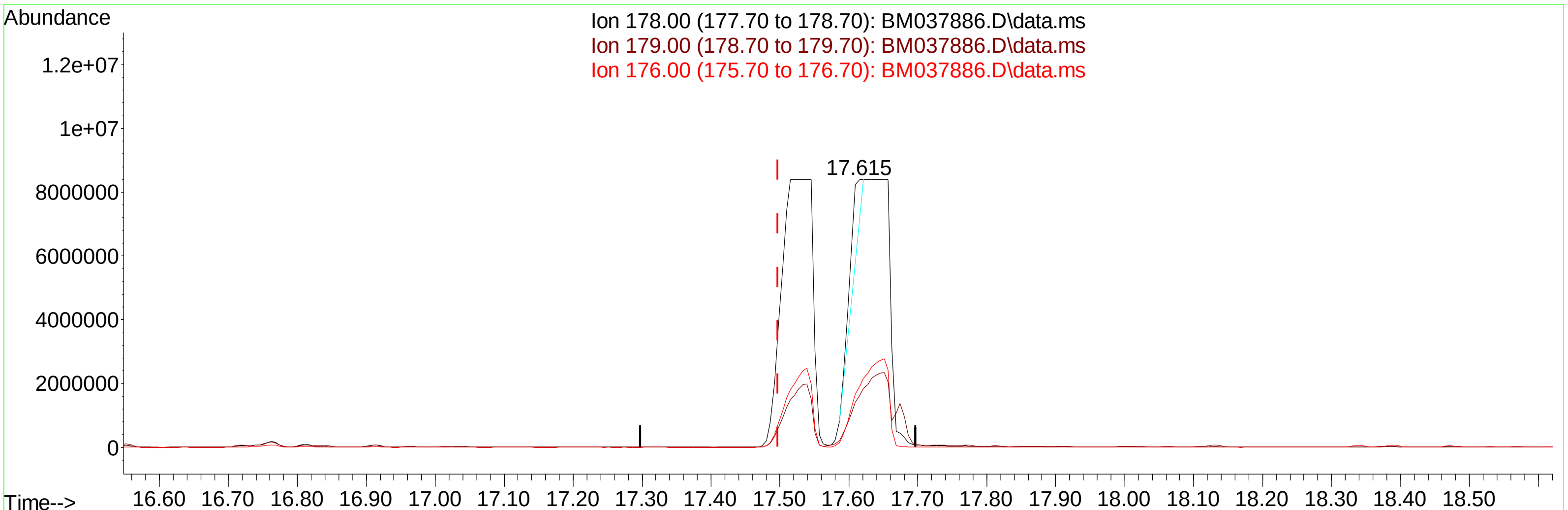
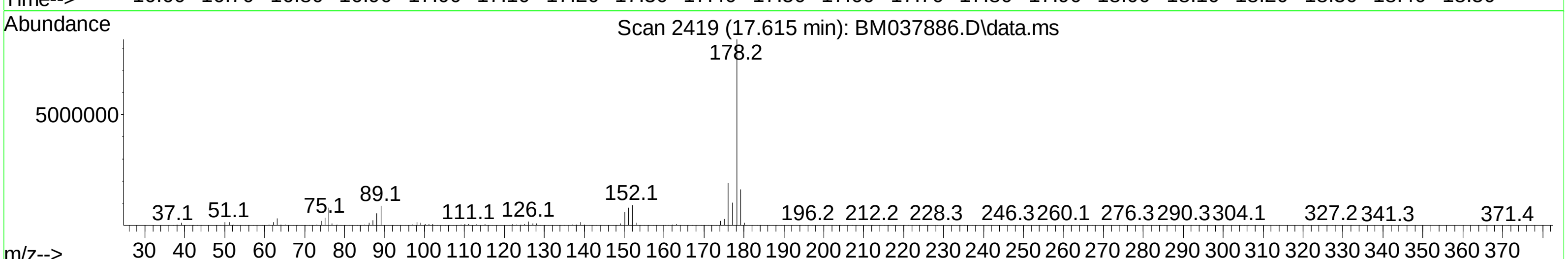
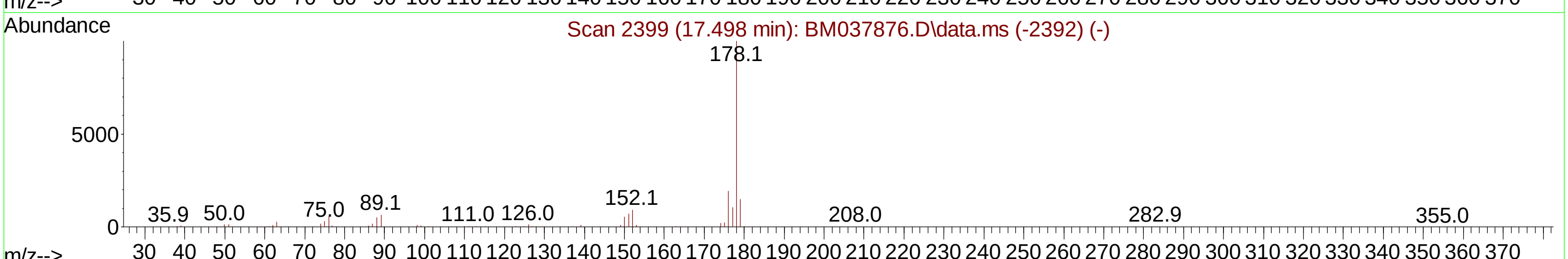






TIC: BM037886.D\data.ms

(72) Phenanthrene

17.615min (+ 0.118) 54.50 ng/ul

response 3856186

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	19.50#
176.00	19.20	22.77
0.00	0.00	0.00

Quantitation Report (Qedit)

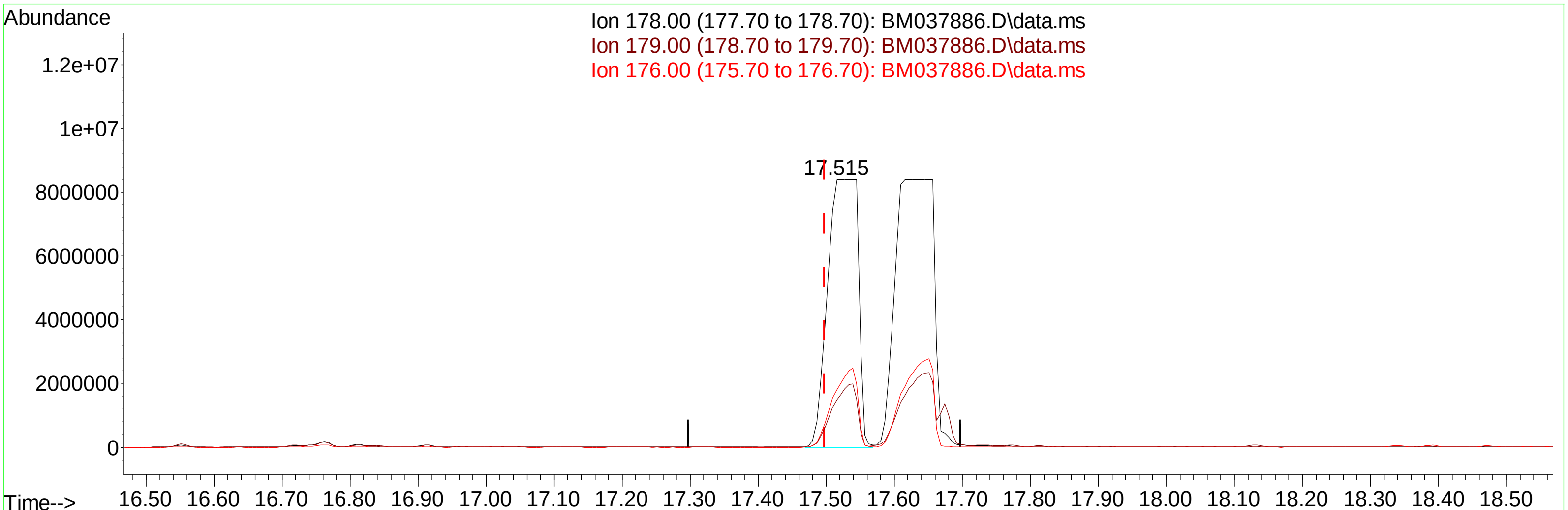
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

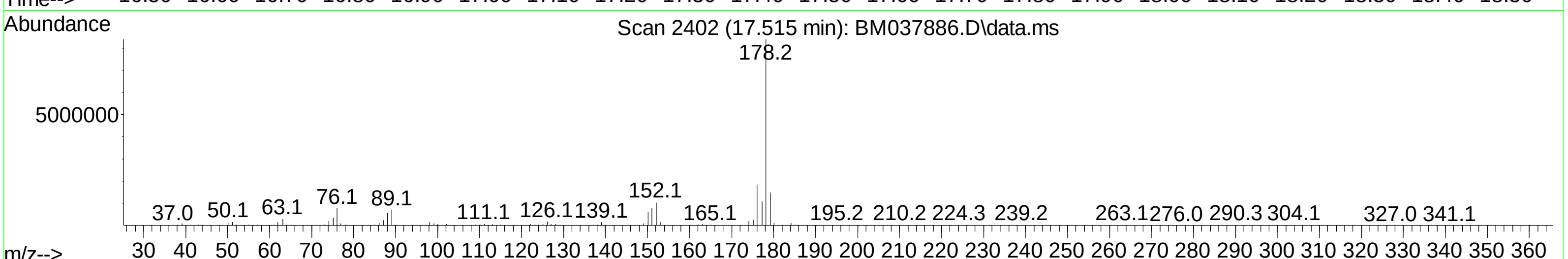
Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

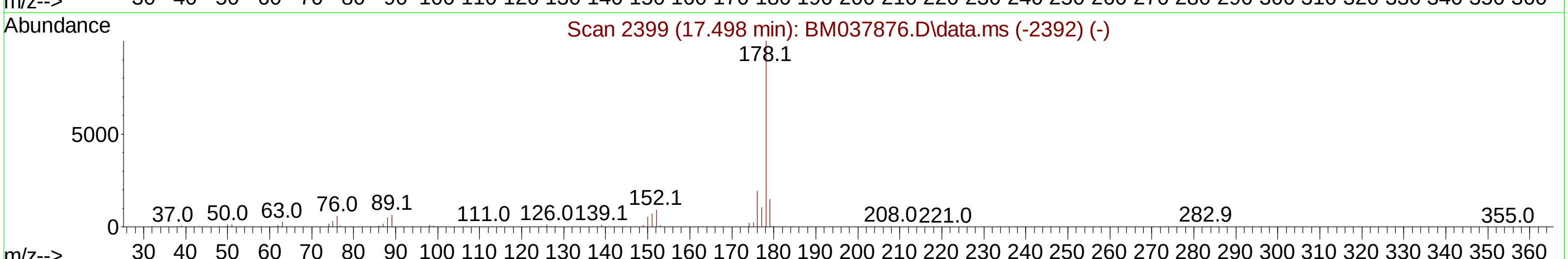
Instrument :
BNA_M
ClientSampleId :
DBXL5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037886.D\data.ms

(72) Phenanthrene

17.515min (+ 0.018) 368.81 ng/ul m

response 26094485

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	17.74
176.00	19.20	21.63
0.00	0.00	0.00

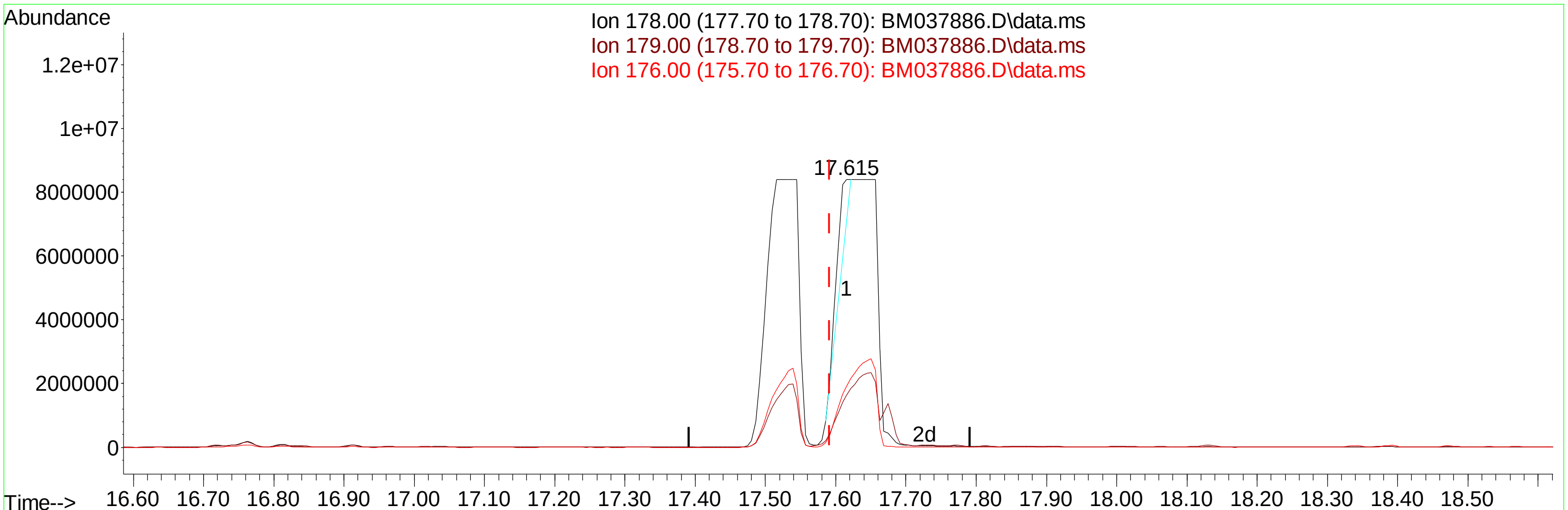
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

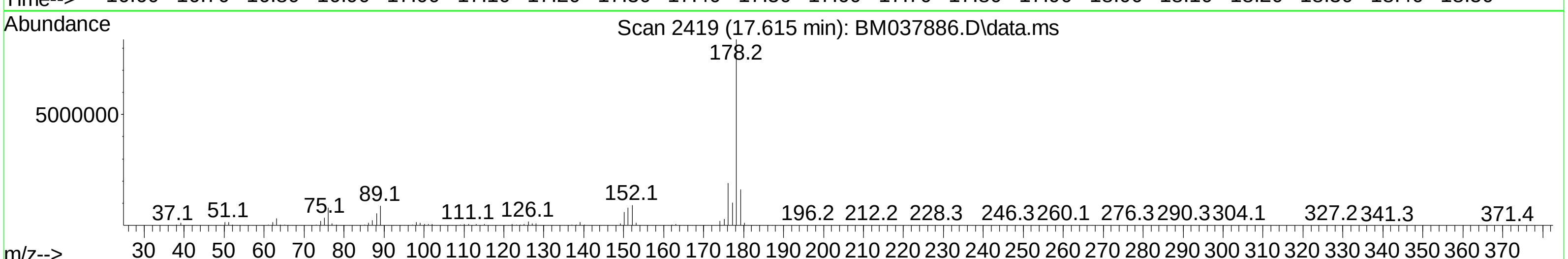
Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

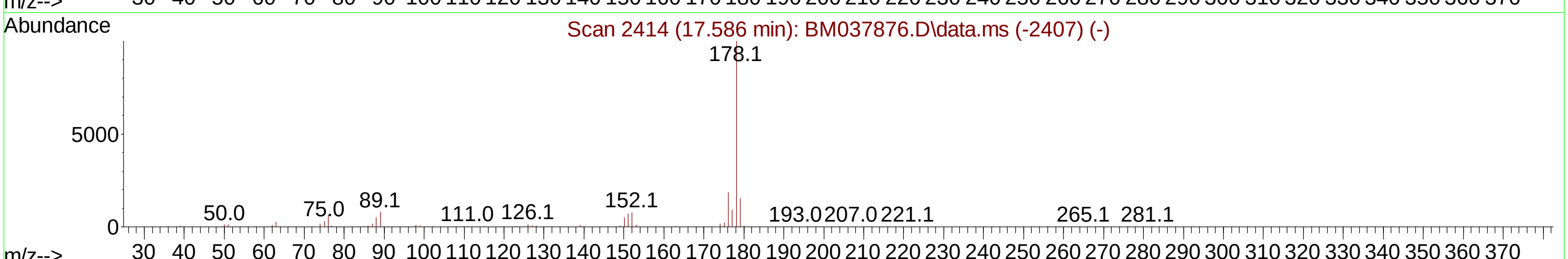
Instrument :
BNA_M
ClientSampleId :
DBXL5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037886.D\data.ms

(74) Anthracene

17.615min (+ 0.024) 53.63 ng/ul

response 3856186

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.80	19.50#
176.00	18.80	22.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

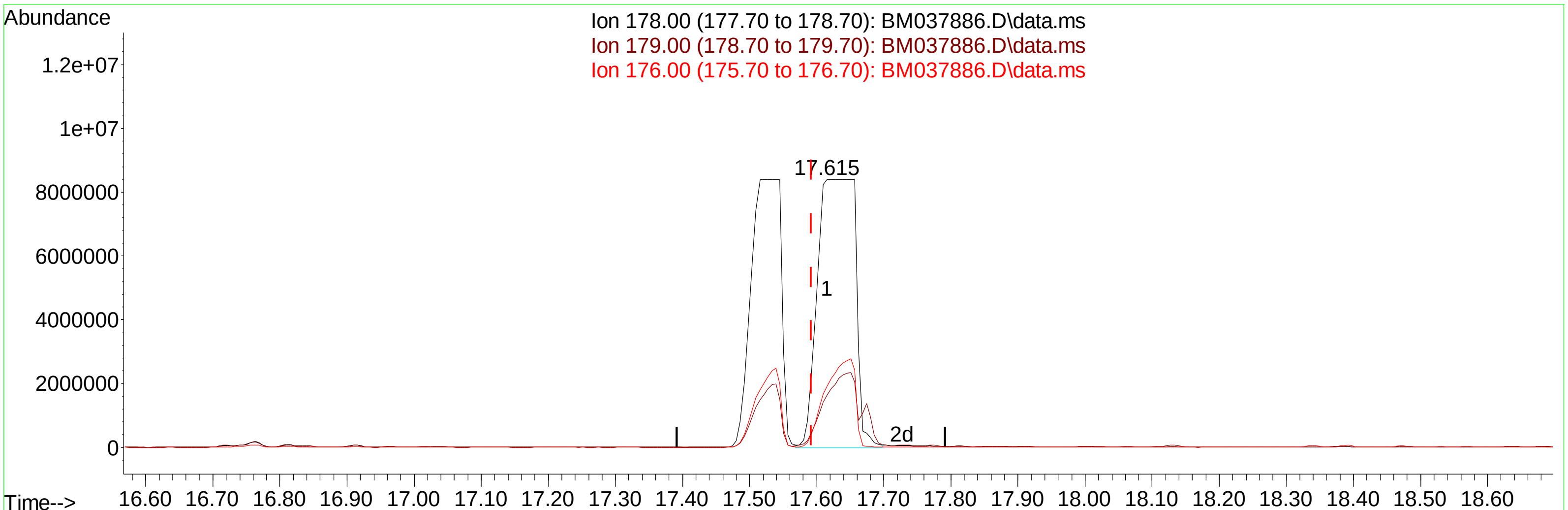
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

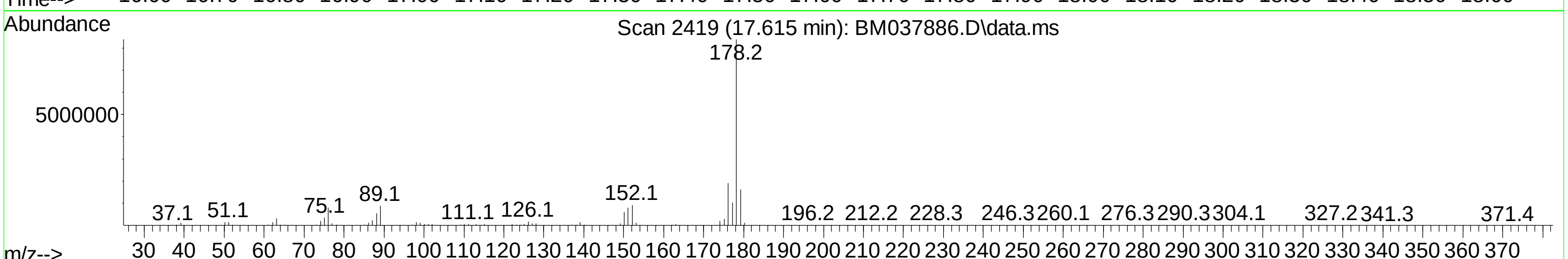
Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

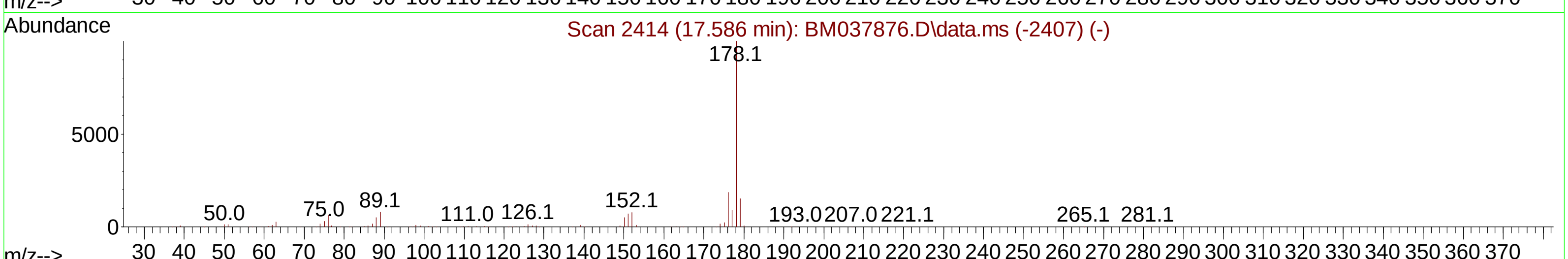
Instrument :
BNA_M
ClientSampleId :
DBXL5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037886.D\data.ms

(74) Anthracene

17.615min (+ 0.024) 460.83 ng/ul m

response 33135038

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.80	19.50#
176.00	18.80	22.77#
0.00	0.00	0.00

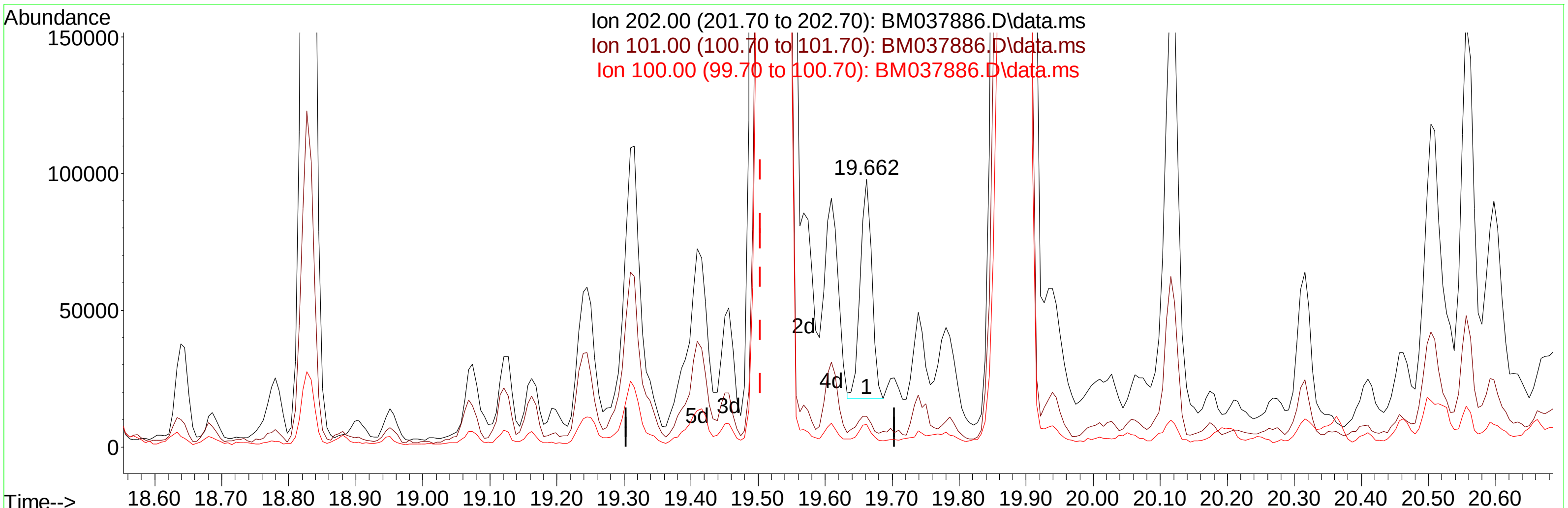
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

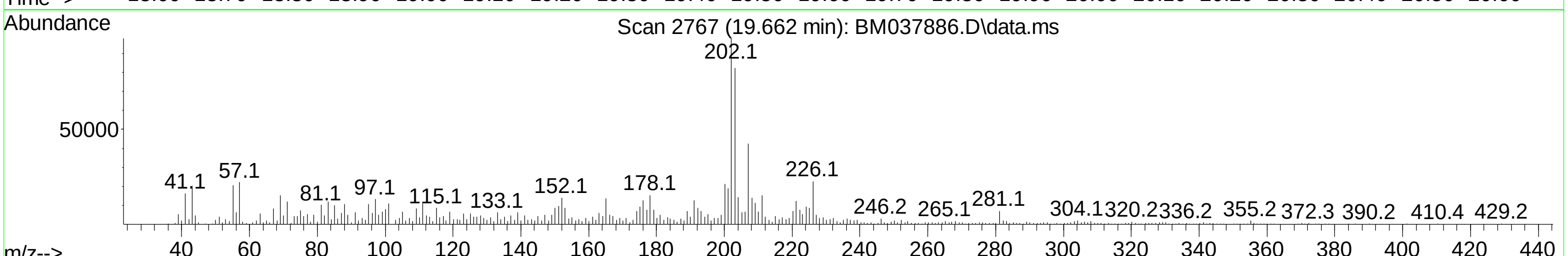
Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

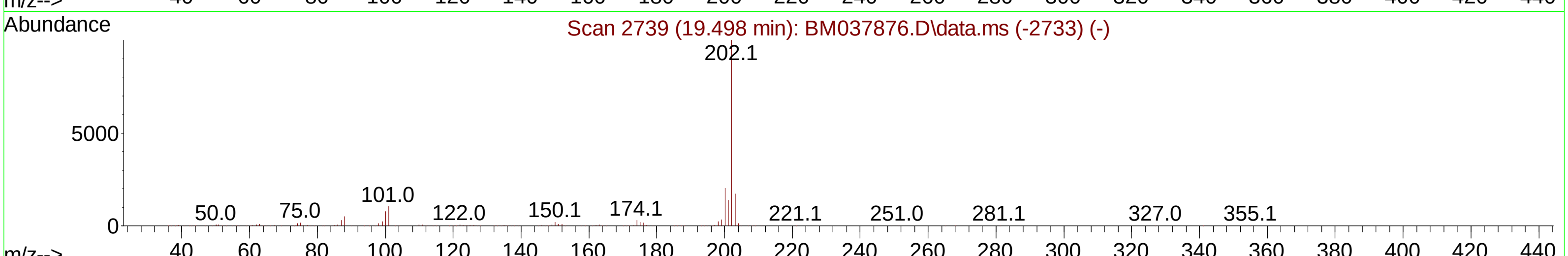
Instrument :
BNA_M
ClientSampleId :
DBXL5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037886.D\data.ms

(80) Fluoranthene

19.662min (+ 0.159) 1.62 ng/ul

response 95966

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.80	11.50
100.00	8.30	8.32
0.00	0.00	0.00

Quantitation Report (Qedit)

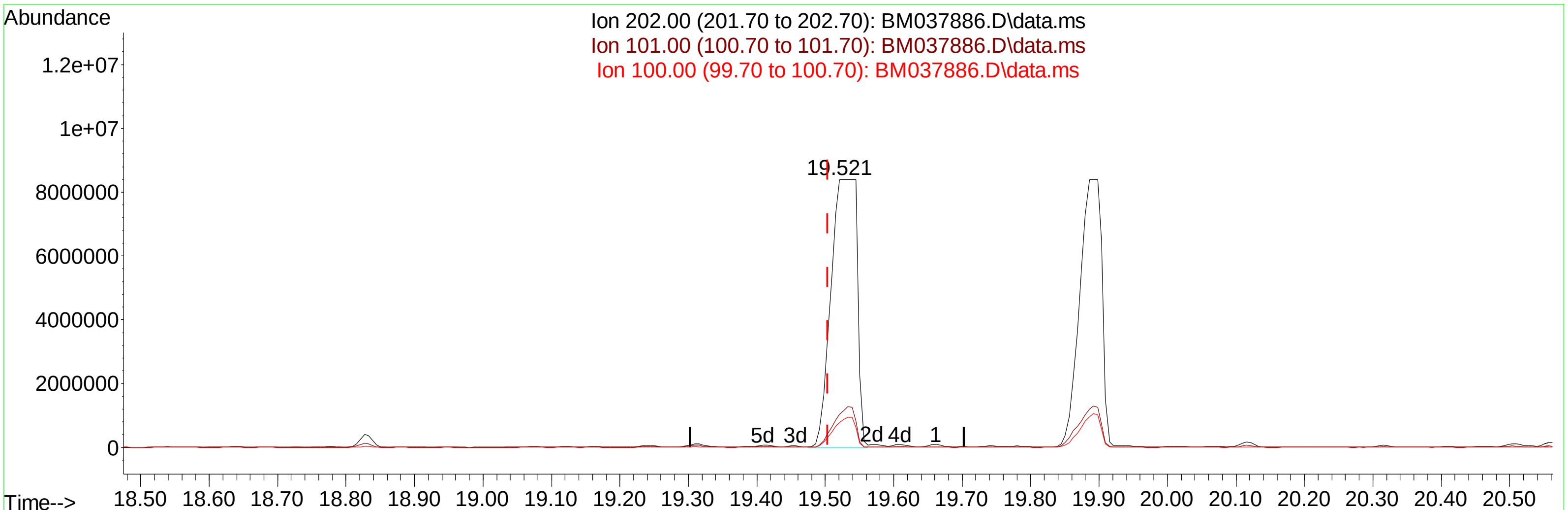
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

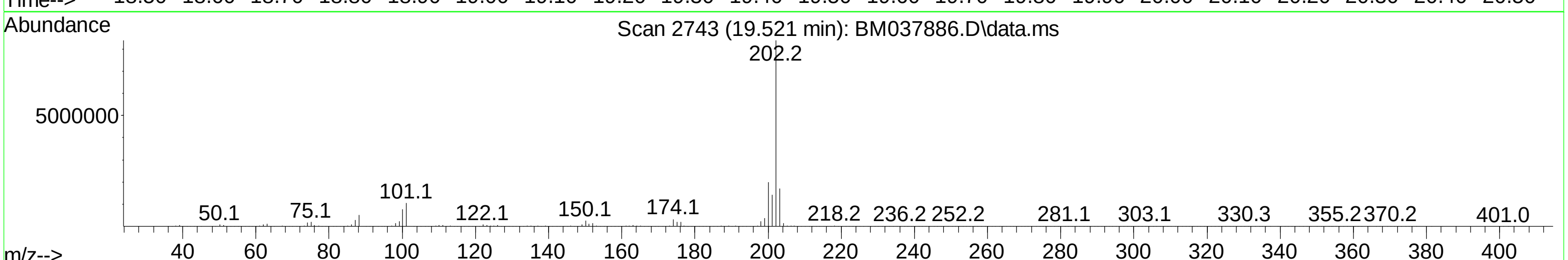
Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

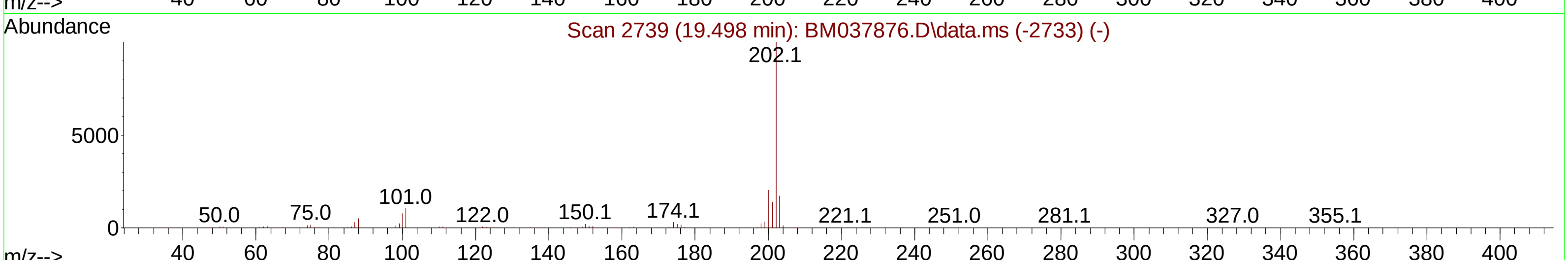
Instrument :
BNA_M
ClientSampleId :
DBXL5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037886.D\data.ms

(80) Fluoranthene

19.521min (+ 0.018) 374.49 ng/ul m

response 22241382

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.80	12.46
100.00	8.30	9.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
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Instrument :
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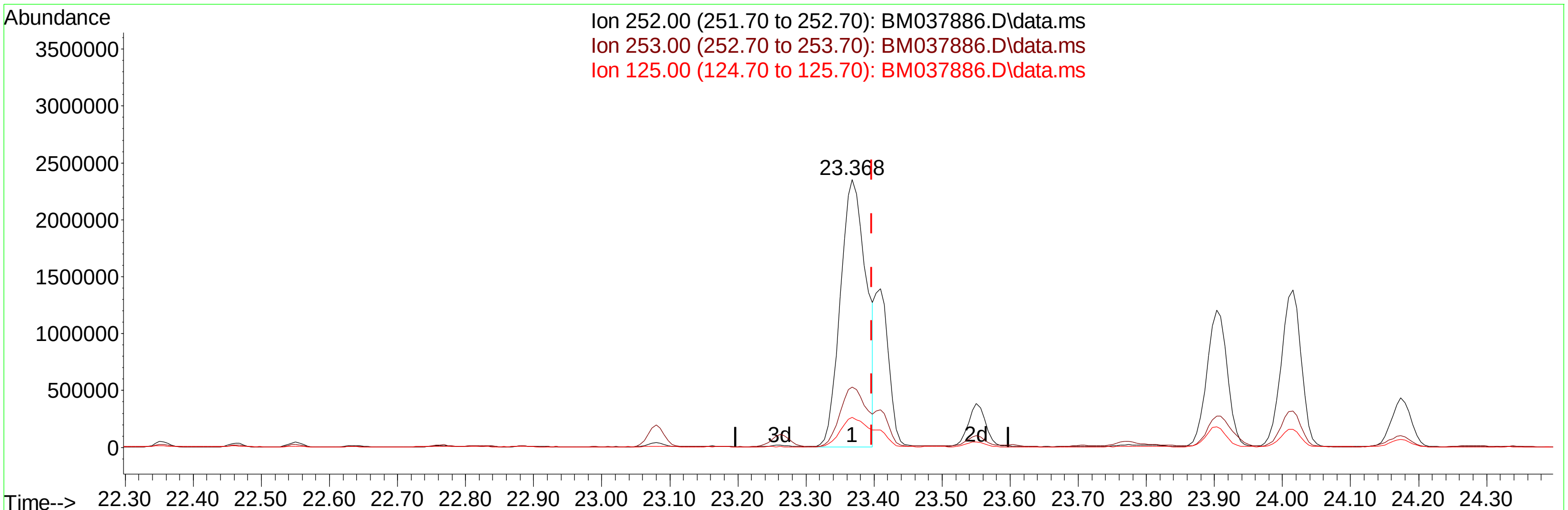
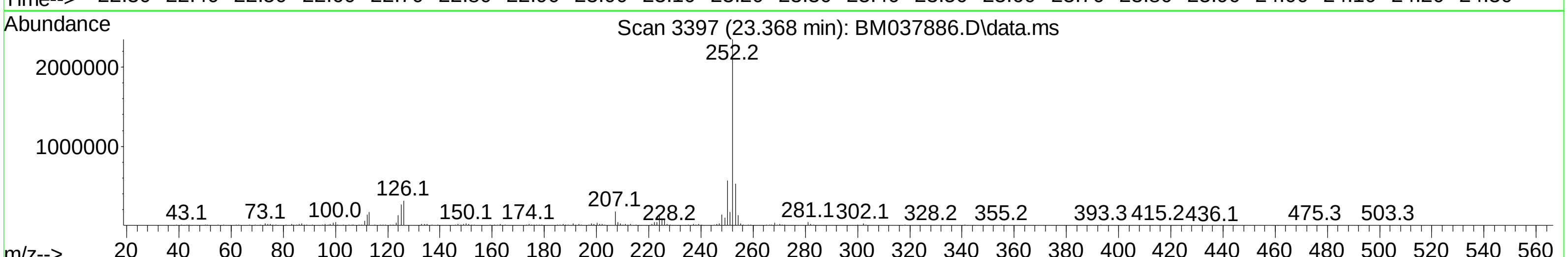
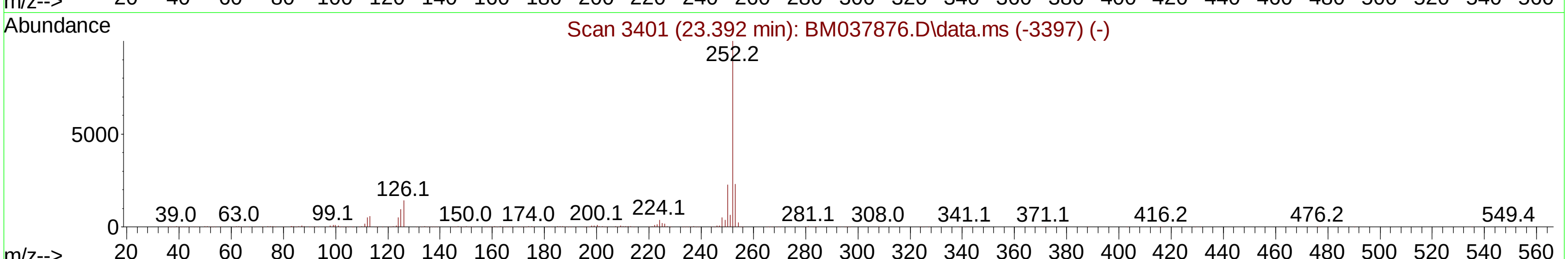






TIC: BM037886.D\data.ms

(91) Benzo(k)fluoranthene

23.368min (-0.029) 99.08 ng/ul

response 6210760

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.51
125.00	10.10	11.13
0.00	0.00	0.00

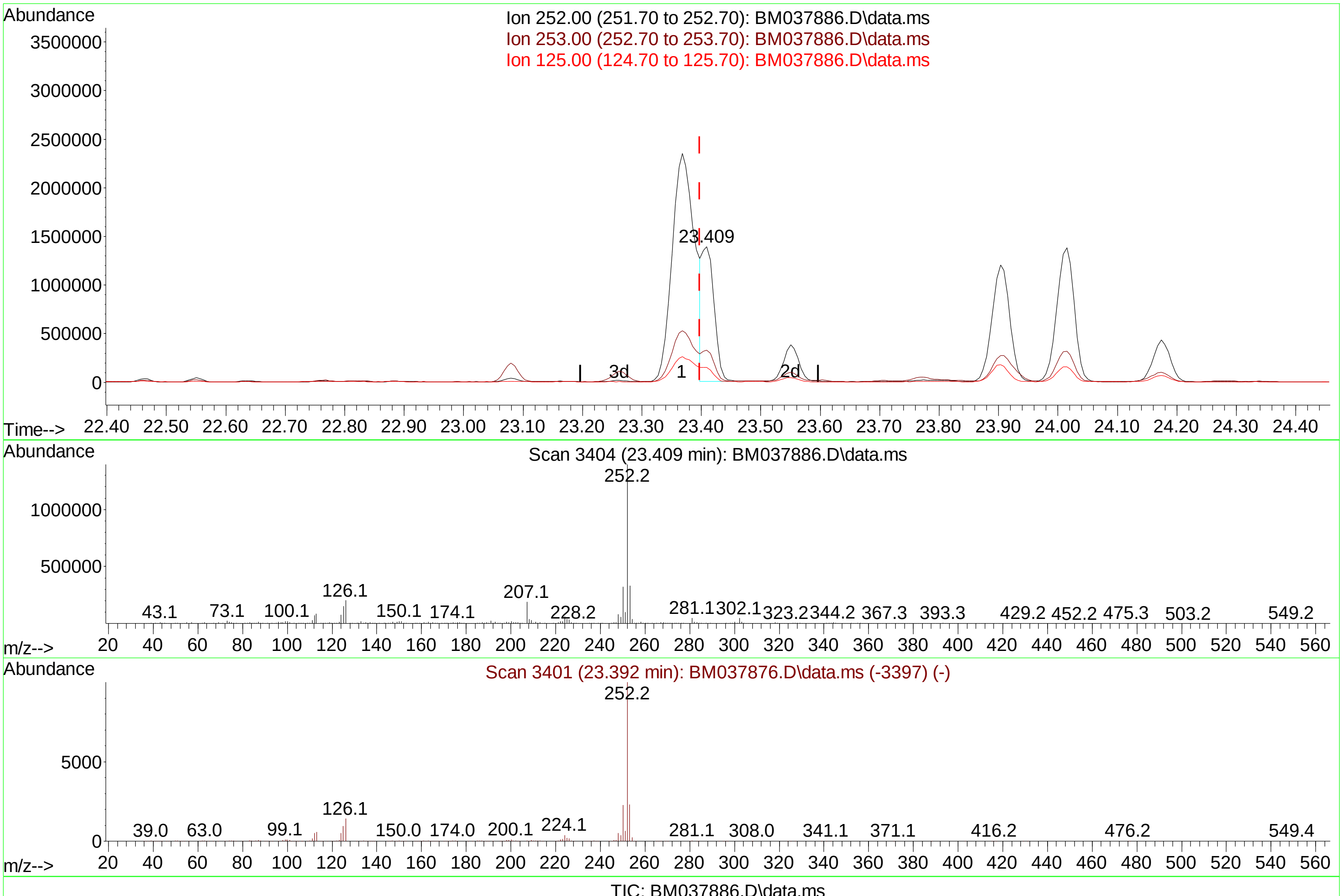
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXL5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



(91) Benzo(k)fluoranthene

23.409min (+ 0.012) 30.73 ng/ul m

response 1926528

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.78
125.00	10.10	10.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	316509	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	1298063	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	750471	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	1295617	20.000	ng/ul	0.01
79) Chrysene-d12	21.639	240	837741	20.000	ng/ul	0.01
88) Perylene-d12	24.121	264	1043291	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	2540m	0.364	ng/uL	0.00
4) Pyridine-d5	3.887	84	16352	0.791	ng/ul	0.02
7) Phenol-d5	7.240	99	52063	2.024	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	29240	1.867	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	42837	2.030	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	42940	2.139	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	21247	2.067	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	22665	2.104	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	42165	2.061	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	36603	1.296	ng/ul	0.00
46) Dimethylphthalate-d6	14.127	166	134635	2.516	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	149373	2.284	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	16811	1.844	ng/ul	0.01
60) Fluorene-d10	15.710	176	118962	2.496	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	6552	0.946	ng/ul	0.02
73) Anthracene-d10	17.580	188	134055	2.217	ng/ul	0.02
81) Pyrene-d10	19.845	212	131424	2.612	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	126662	2.431	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.963	128	1558742	22.252	ng/ul	100
36) 2-Methylnaphthalene	12.557	142	1473653	32.435	ng/ul	96
37) 1-Methylnaphthalene	12.775	142	1006739	21.670	ng/ul	99
50) Acenaphthylene	14.445	152	448184	6.233	ng/ul#	95
52) Acenaphthene	14.792	153	8214100	165.163	ng/ul	100
61) Fluorene	15.780	166	12880473	232.609	ng/ul	100
72) Phenanthrene	17.515	178	26094485m	368.808	ng/ul	
74) Anthracene	17.615	178	33135038m	460.826	ng/ul	
80) Fluoranthene	19.521	202	22241382m	374.491	ng/ul	
82) Pyrene	19.886	202	18864308	305.196	ng/ul	96
85) Benzo(a)anthracene	21.621	228	6056334	107.382	ng/ul	98
87) Chrysene	21.680	228	6925402	130.873	ng/ul	98
90) Benzo(b)fluoranthene	23.368	252	6210760	96.023	ng/ul	98
91) Benzo(k)fluoranthene	23.409	252	1926528m	30.734	ng/ul	
93) Benzo(a)pyrene	24.015	252	2812548	49.449	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.721	276	1432266	19.552	ng/ul	97
95) Dibenzo(a,h)anthracene	26.727	278	398716	6.457	ng/ul#	94
96) Benzo(g,h,i)perylene	27.527	276	1006662	17.212	ng/ul	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
Acq On : 08 Dec 2022 14:45
Operator : CG/JU
Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXL5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022