Quantitation Report (Qedit)

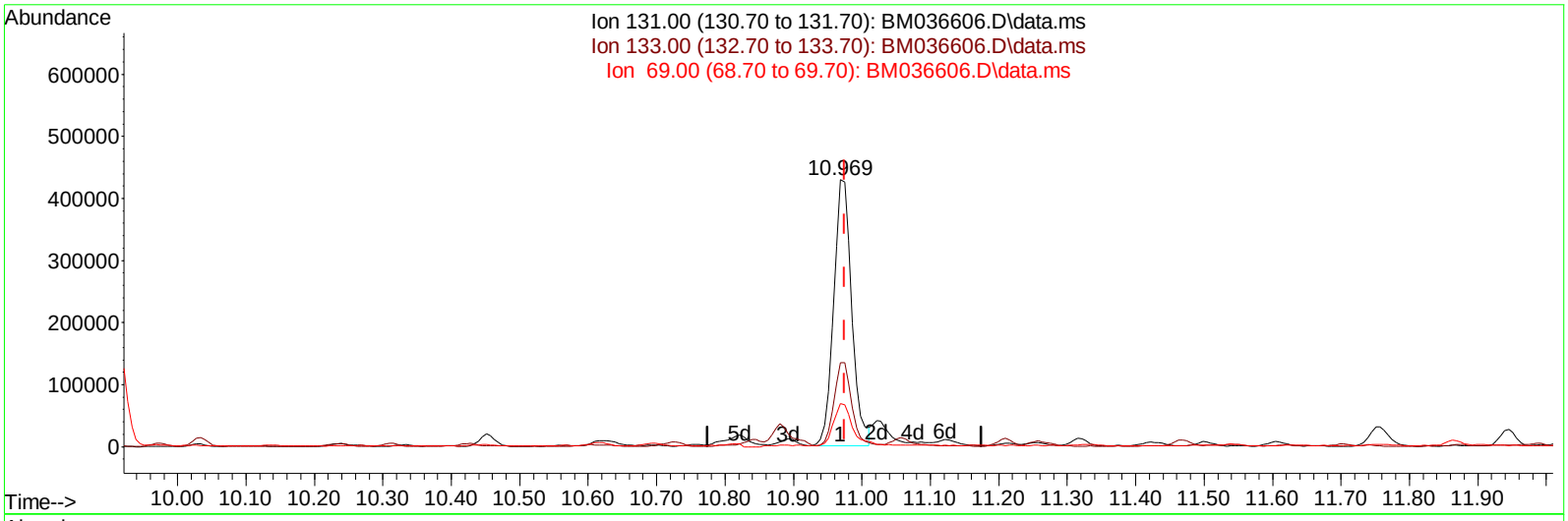
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036606.D
Acq On : 20 Sep 2022 07:24
Operator : CG/JU
Sample : N4604-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

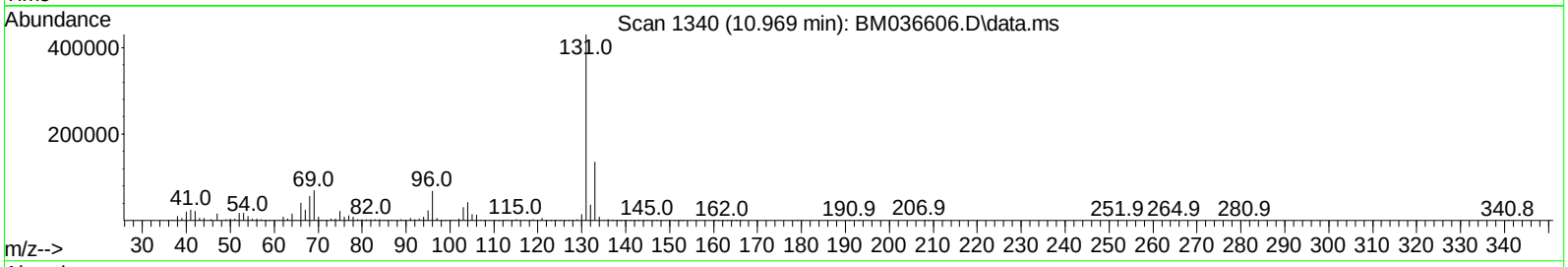
Quant Time: Sep 20 08:15:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

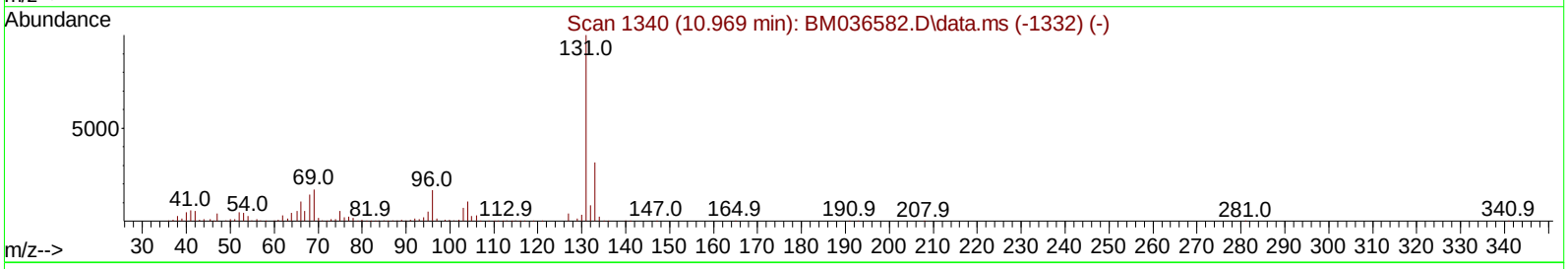
Instrument :
BNA_M
ClientSampleId :
A5778

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036606.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.969min (-0.006) 13.66 ng/ul

response 789258

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.10	31.42
69.00	16.30	16.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036606.D
Acq On : 20 Sep 2022 07:24
Operator : CG/JU
Sample : N4604-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 20 08:15:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
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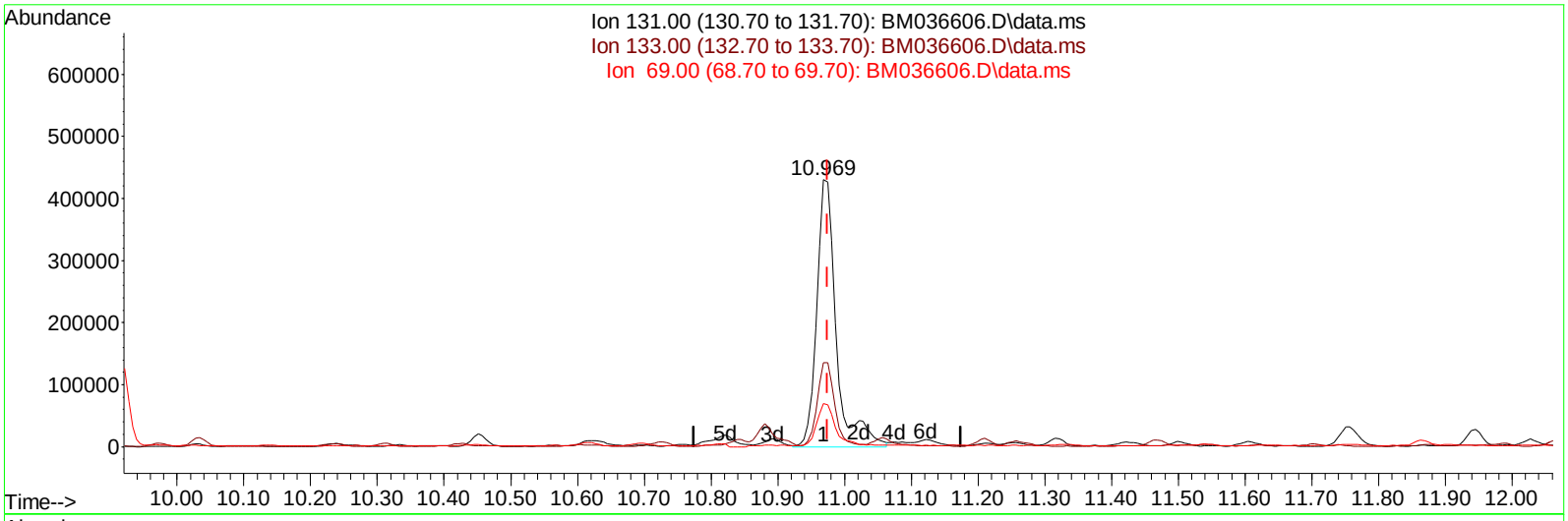
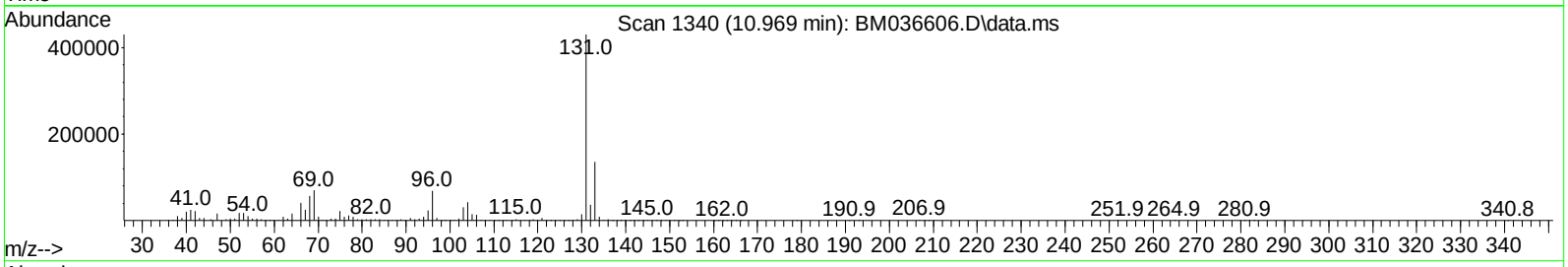
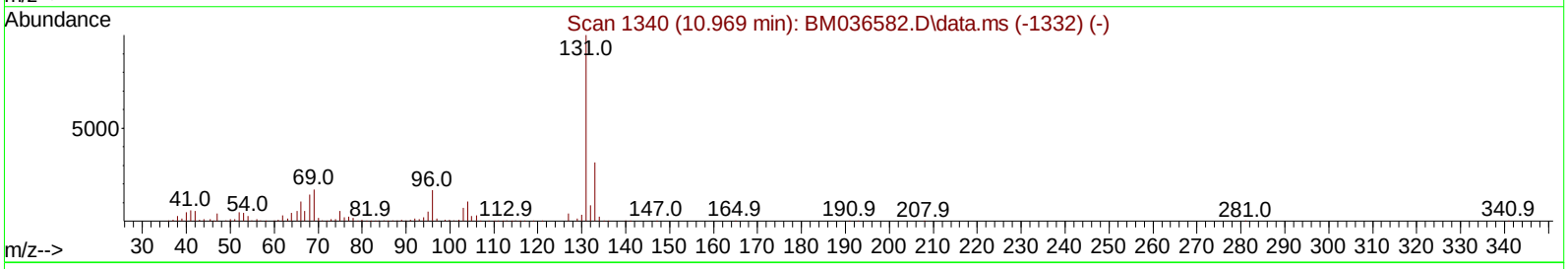
Instrument :
BNA_M
ClientSampleId :
A5778

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036606.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.969min (-0.006) 15.06 ng/ul m

response 870141

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.10	31.42
69.00	16.30	16.16
0.00	0.00	0.00

Quantitation Report (Qedit)

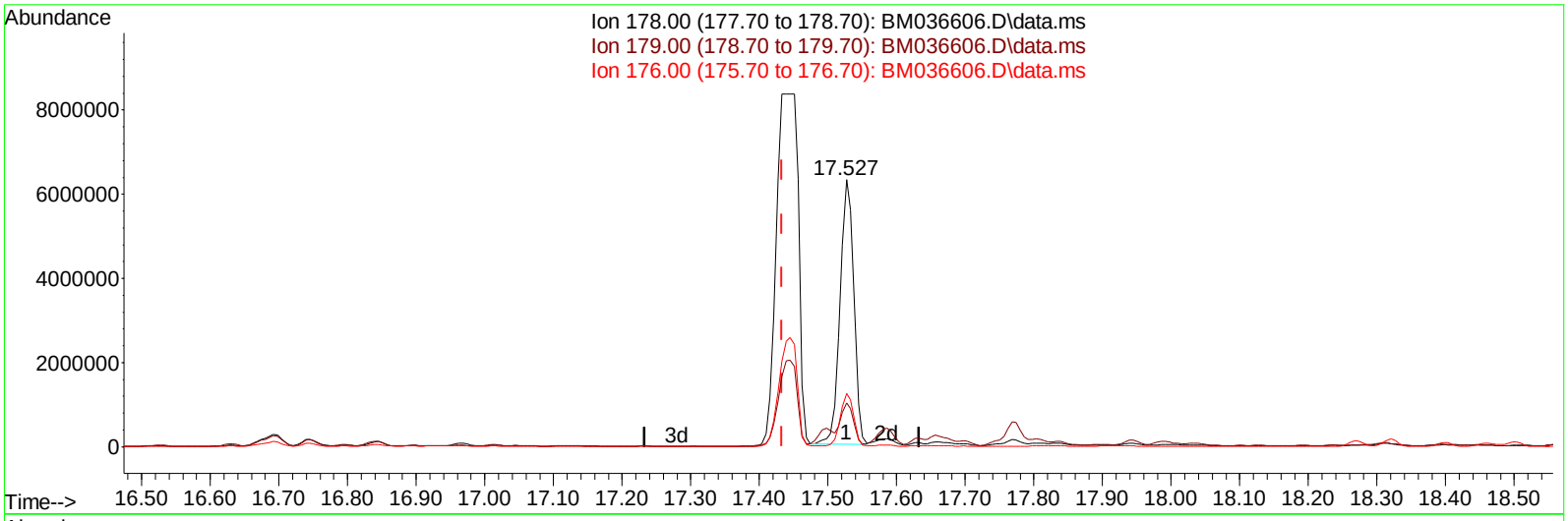
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036606.D
Acq On : 20 Sep 2022 07:24
Operator : CG/JU
Sample : N4604-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

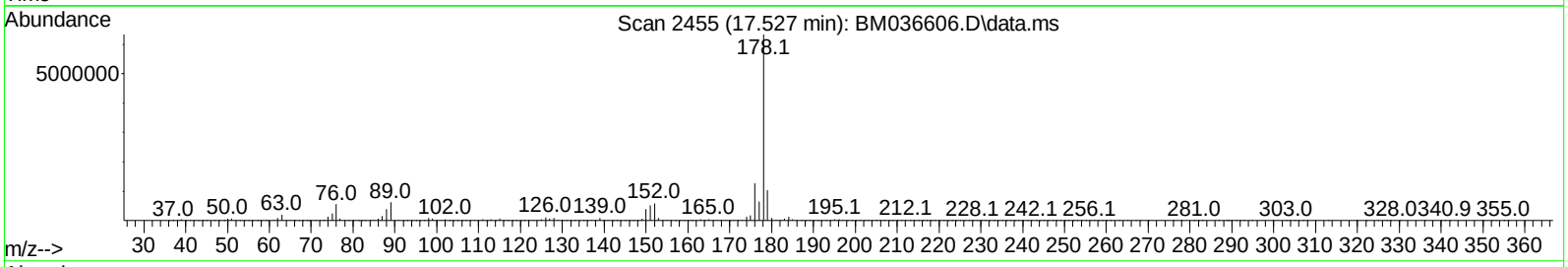
Quant Time: Sep 20 08:15:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

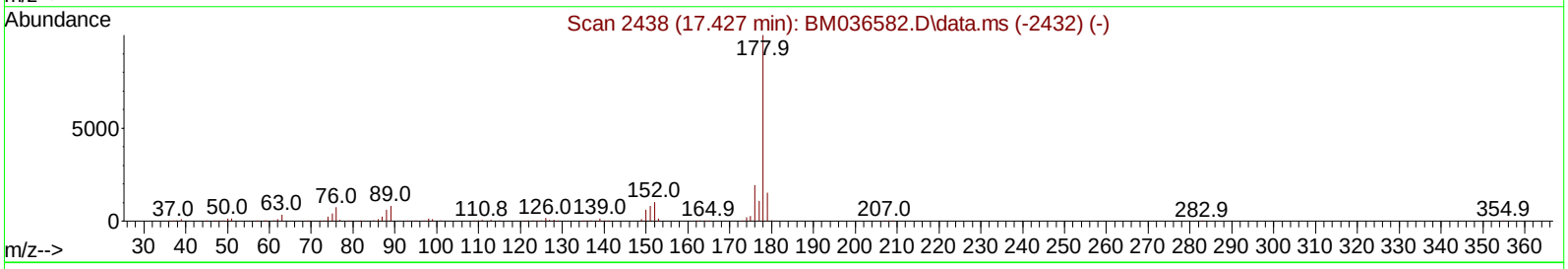
Instrument :
BNA_M
ClientSampleId :
A5778

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036606.D\data.ms

(72) Phenanthrene

17.527min (+ 0.094) 55.81 ng/ul

response 8739168

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	16.42
176.00	19.60	20.02
0.00	0.00	0.00

Quantitation Report (Qedit)

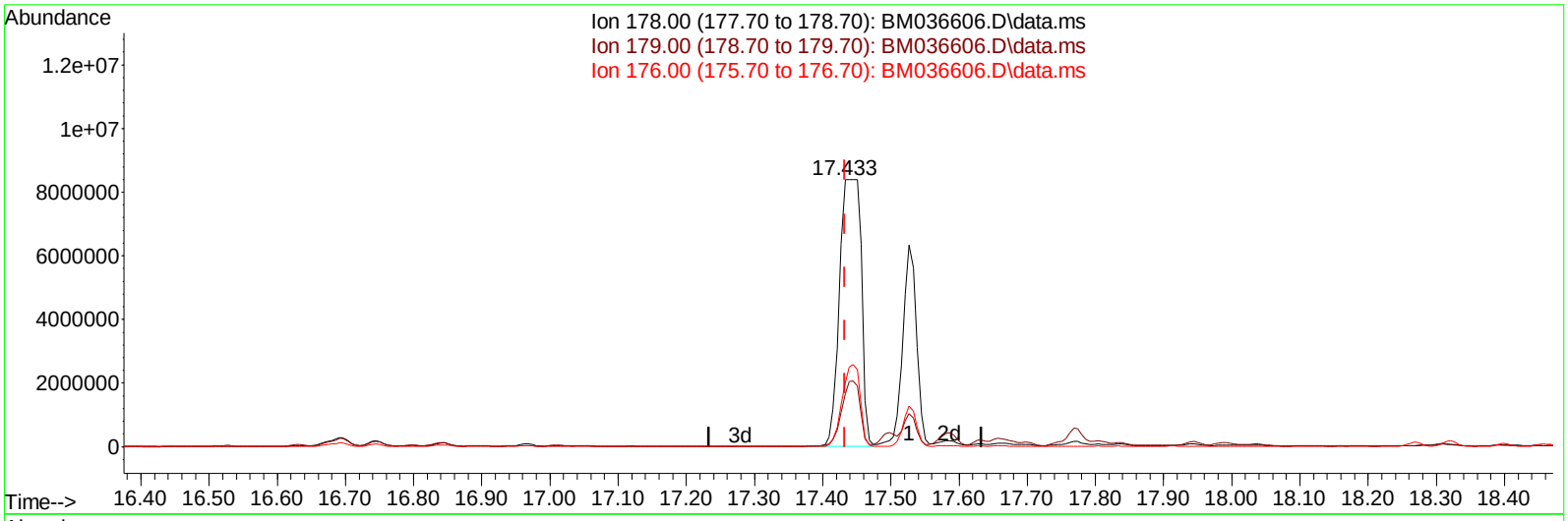
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036606.D
Acq On : 20 Sep 2022 07:24
Operator : CG/JU
Sample : N4604-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

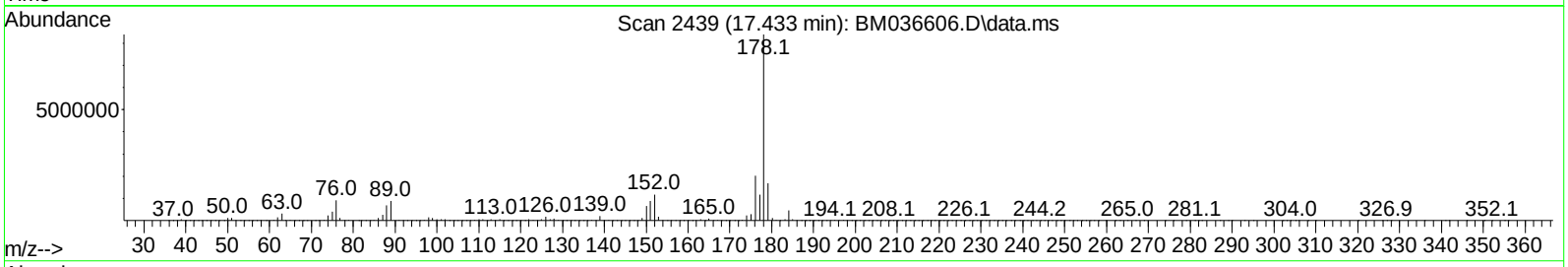
Quant Time: Sep 20 08:15:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

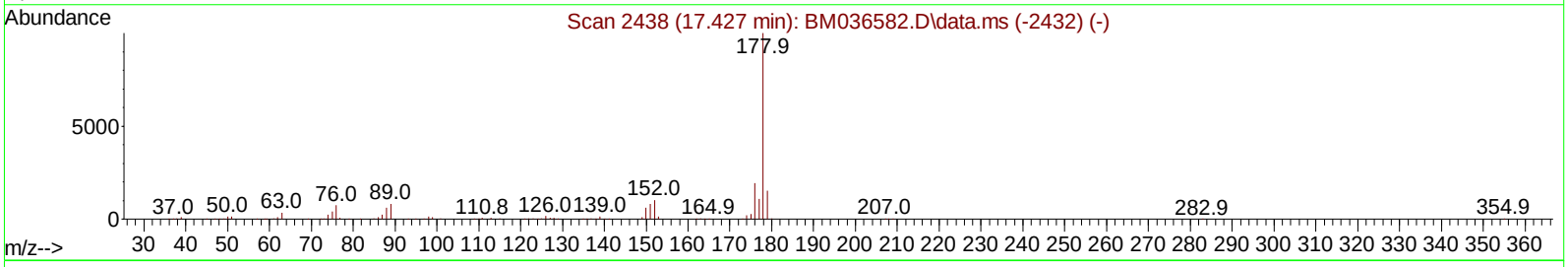
Instrument :
BNA_M
ClientSampleId :
A5778

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036606.D\data.ms

(72) Phenanthrene

17.433min (-0.000) 118.61 ng/ul m

response 18573178

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	19.92#
176.00	19.60	24.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

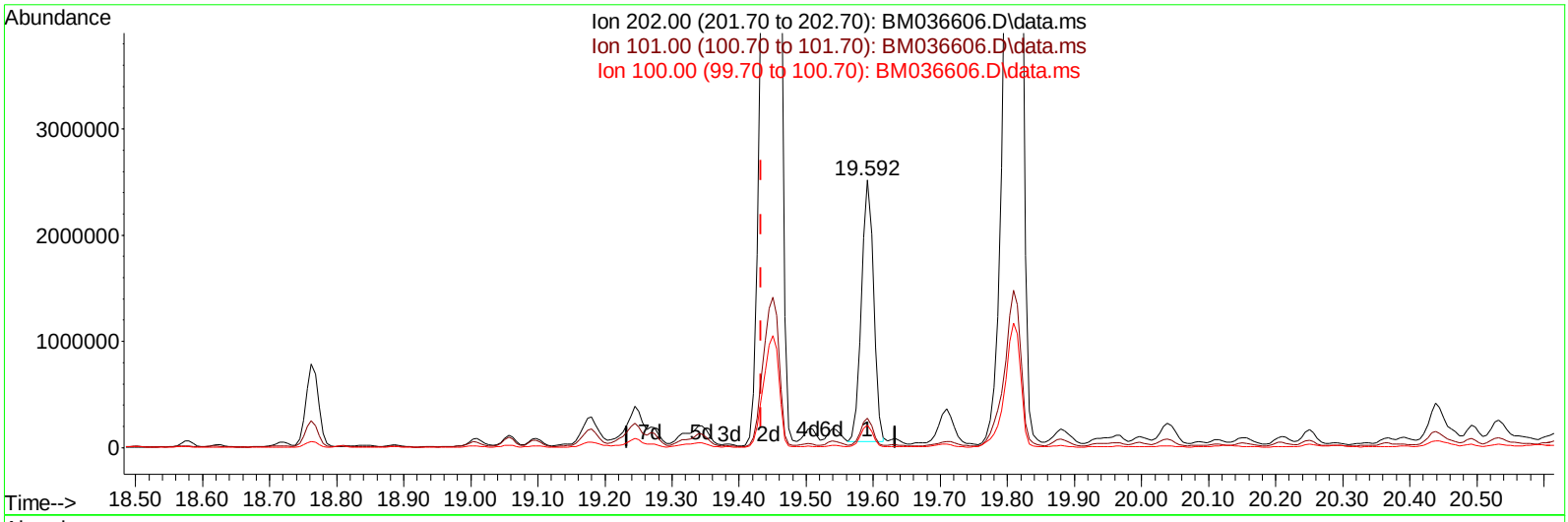
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036606.D
Acq On : 20 Sep 2022 07:24
Operator : CG/JU
Sample : N4604-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

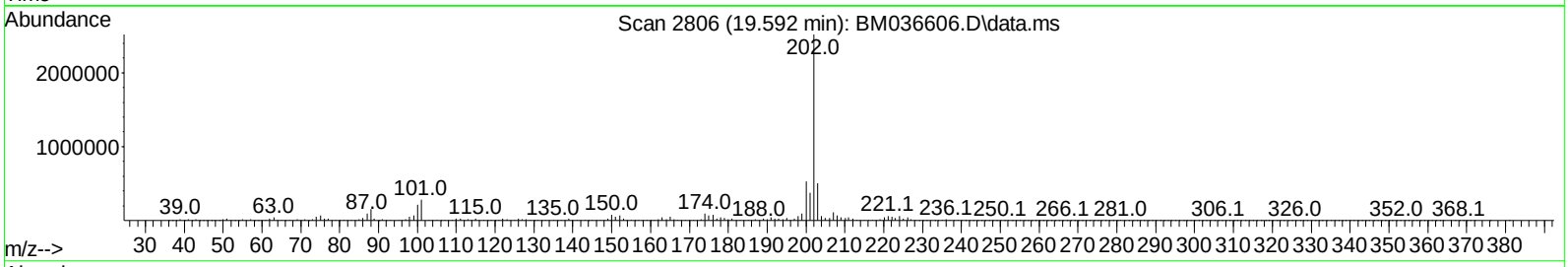
Quant Time: Sep 20 08:15:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

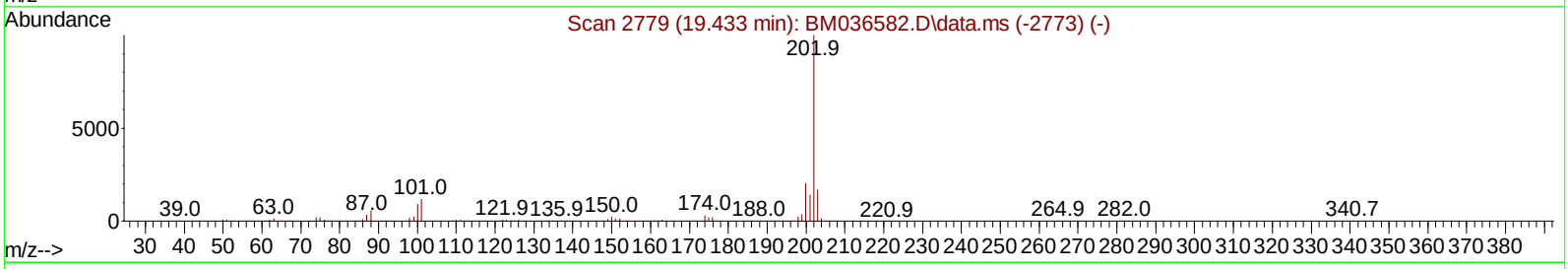
Instrument :
BNA_M
ClientSampleId :
A5778

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036606.D\data.ms

(80) Fluoranthene

19.592min (+ 0.159) 28.12 ng/ul

response 3097232

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	11.10
100.00	9.30	8.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036606.D
Acq On : 20 Sep 2022 07:24
Operator : CG/JU
Sample : N4604-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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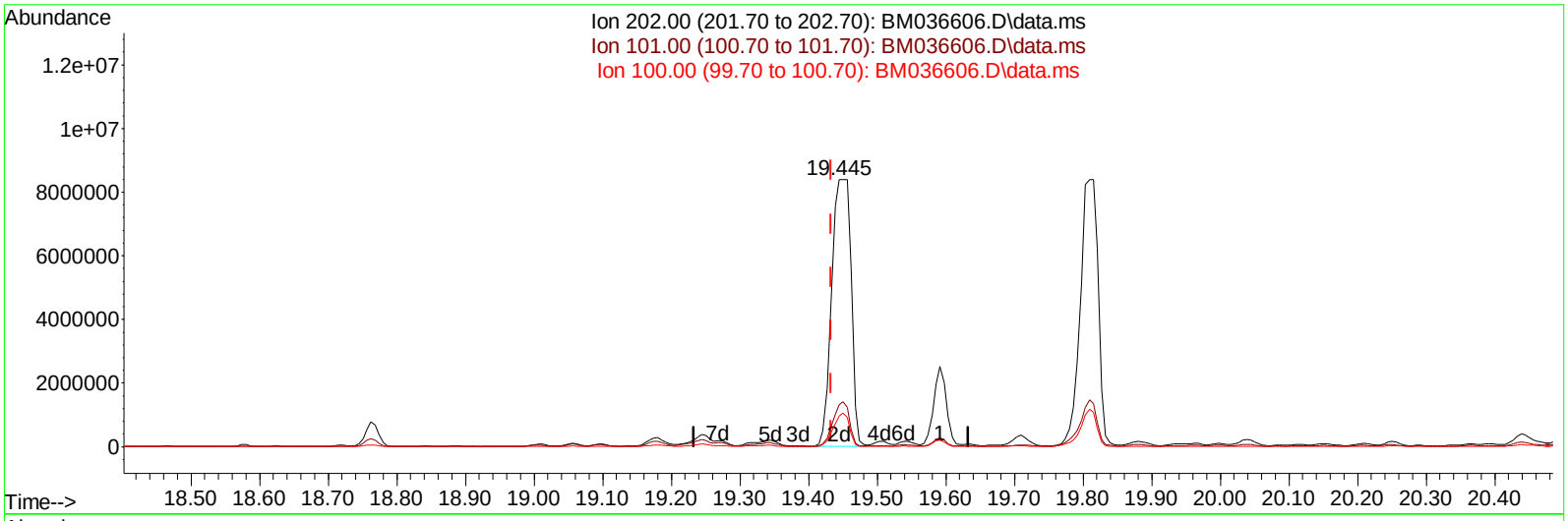
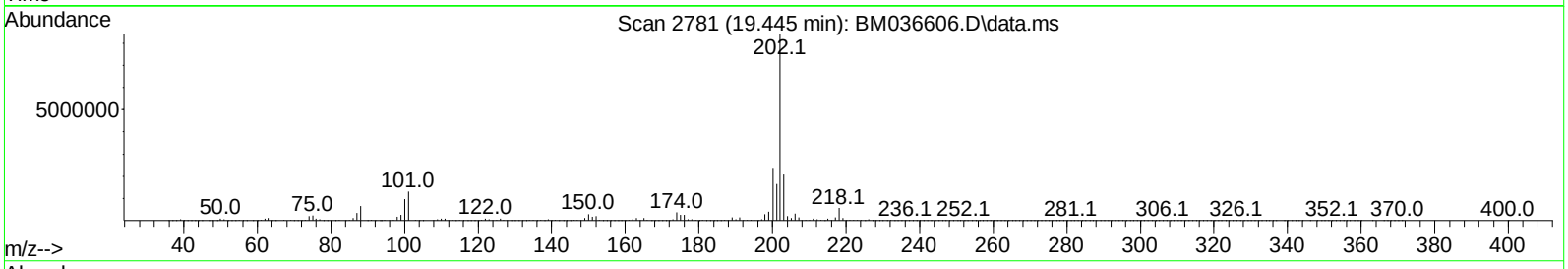
Response via : Initial Calibration

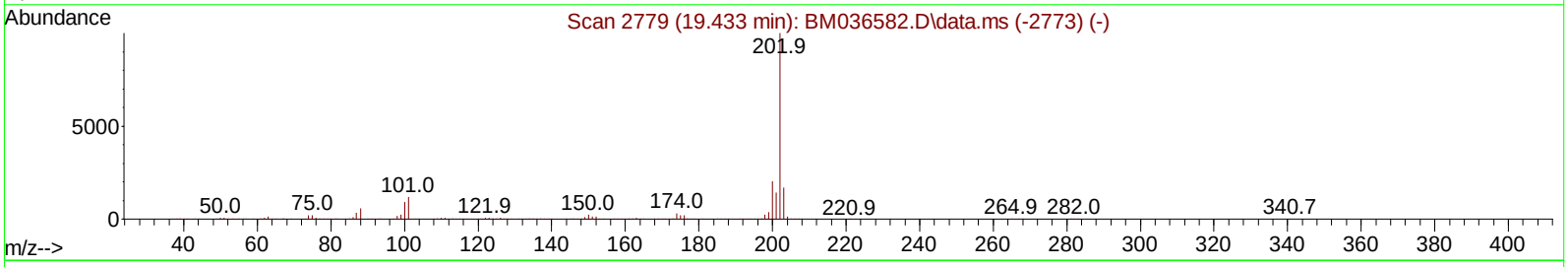
Instrument :
BNA_M
ClientSampleId :
A5778

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036606.D\data.ms

(80) Fluoranthene

19.445min (+ 0.012) 149.94 ng/ul m

response 16514660

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	15.59#
100.00	9.30	11.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036606.D
Acq On : 20 Sep 2022 07:24
Operator : CG/JU
Sample : N4604-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
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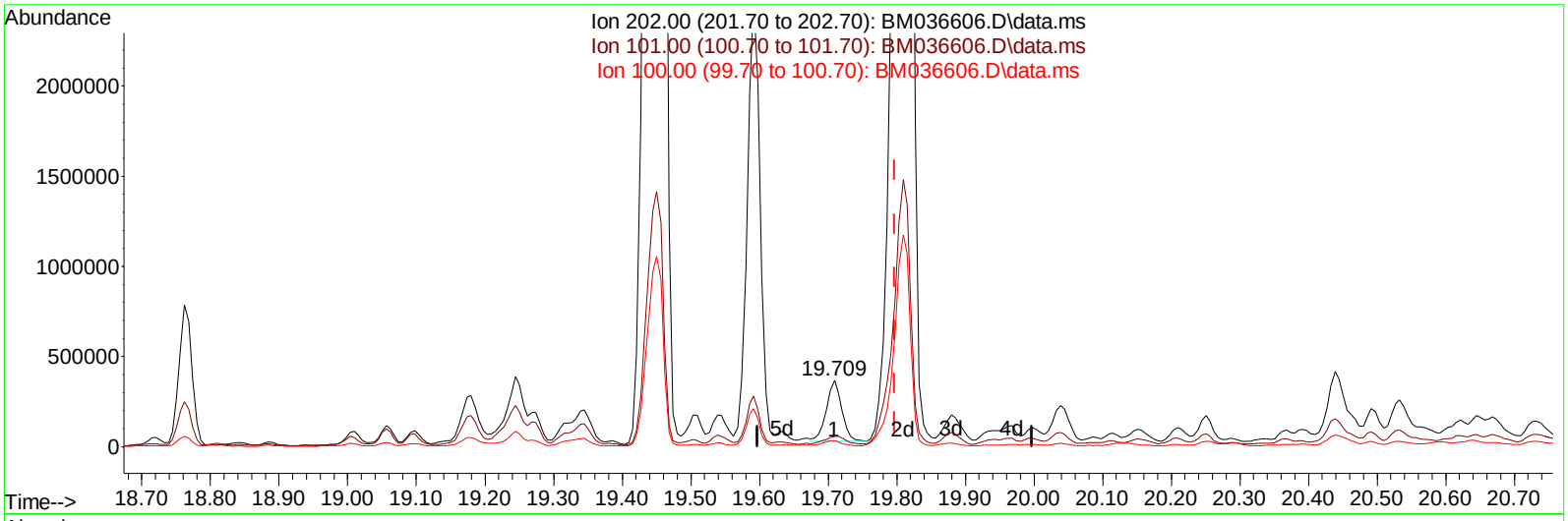
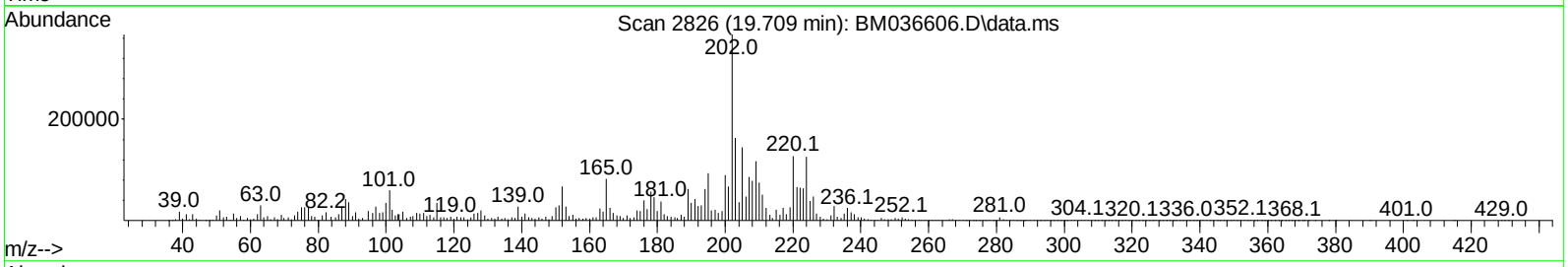
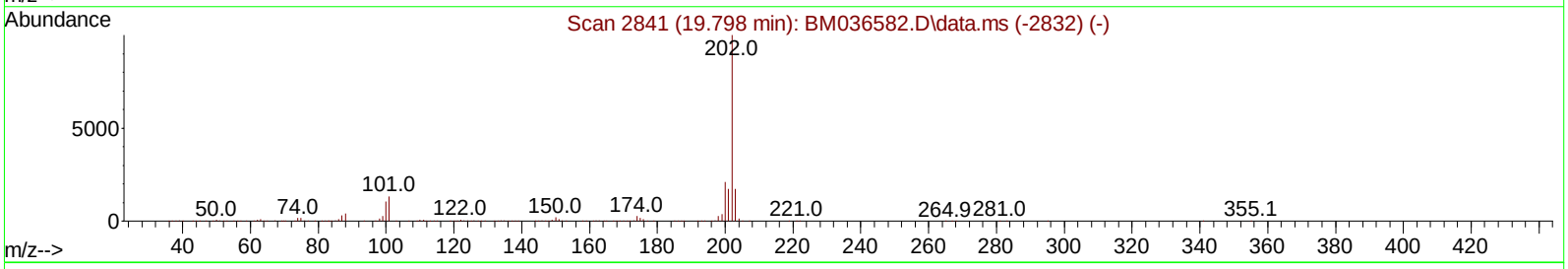
Instrument :
BNA_M
ClientSampleId :
A5778

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036606.D\data.ms

(82) Pyrene

19.709min (-0.088) 4.53 ng/ul

response 527995

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.60	16.15
100.00	10.90	9.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036606.D
Acq On : 20 Sep 2022 07:24
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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BNA_M
ClientSampleId :
A5778

Manual IntegrationsAPPROVED

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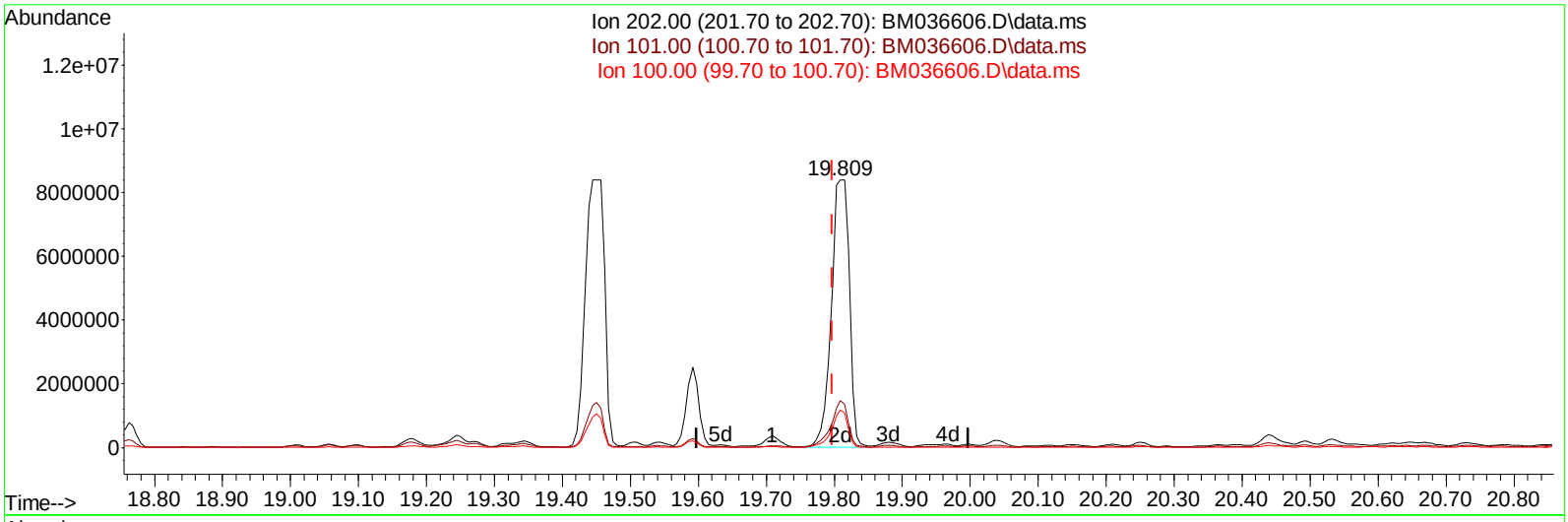

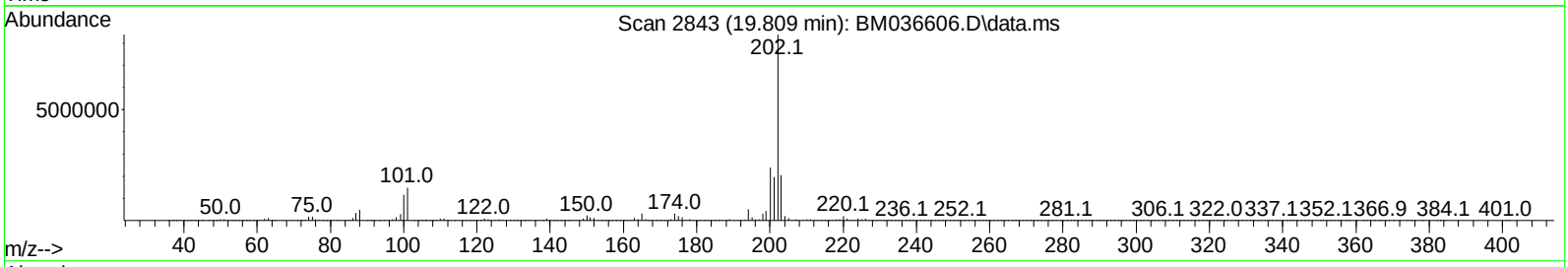

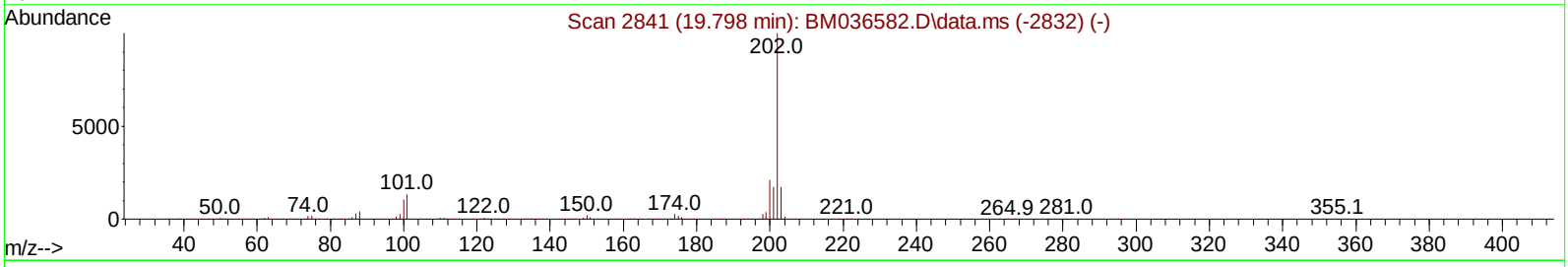

TIC: BM036606.D\data.ms

(82) Pyrene

19.809min (+ 0.012) 131.89 ng/ul m

response 15376461

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.60	17.65#
100.00	10.90	14.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
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Acq On : 20 Sep 2022 07:24
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Misc :
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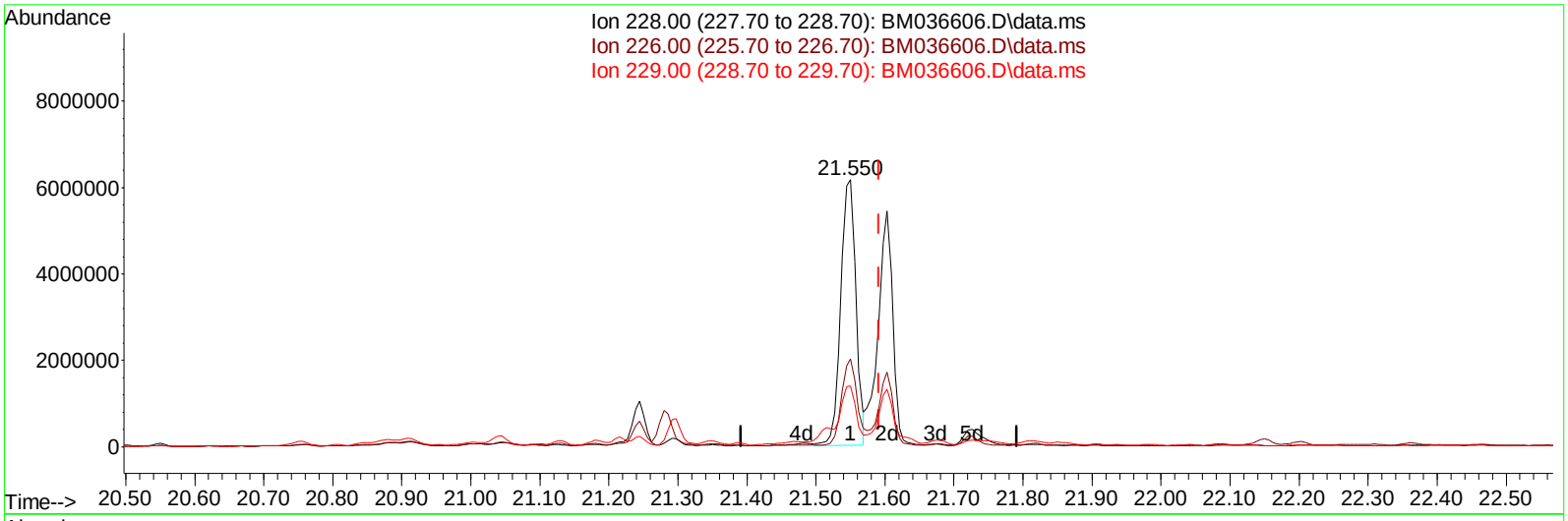

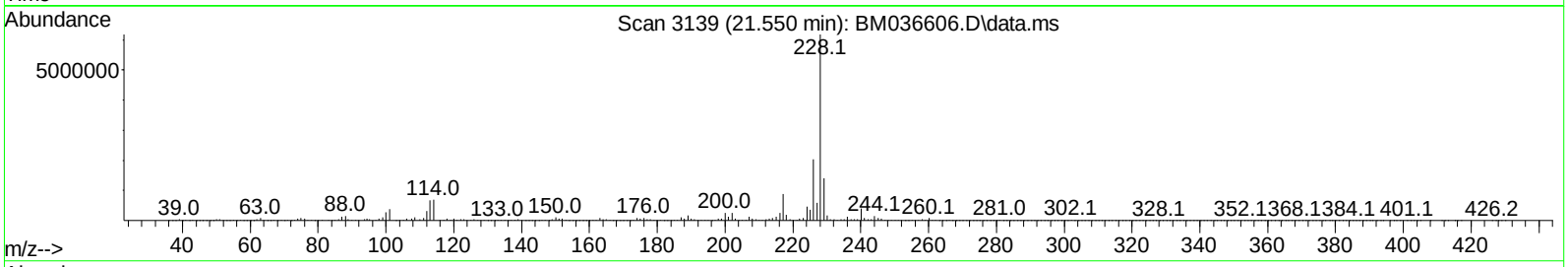

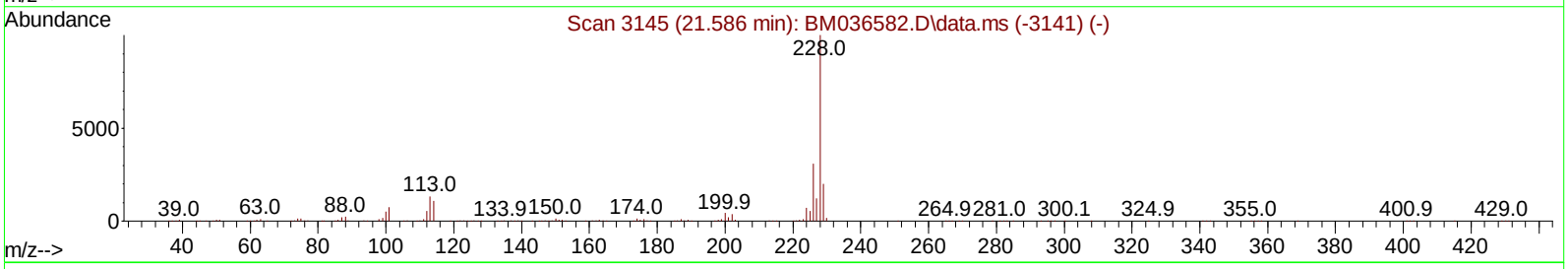

TIC: BM036606.D\data.ms

(87) Chrysene

21.550min (-0.041) 86.35 ng/ul

response 9382102

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	32.84
229.00	19.50	22.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
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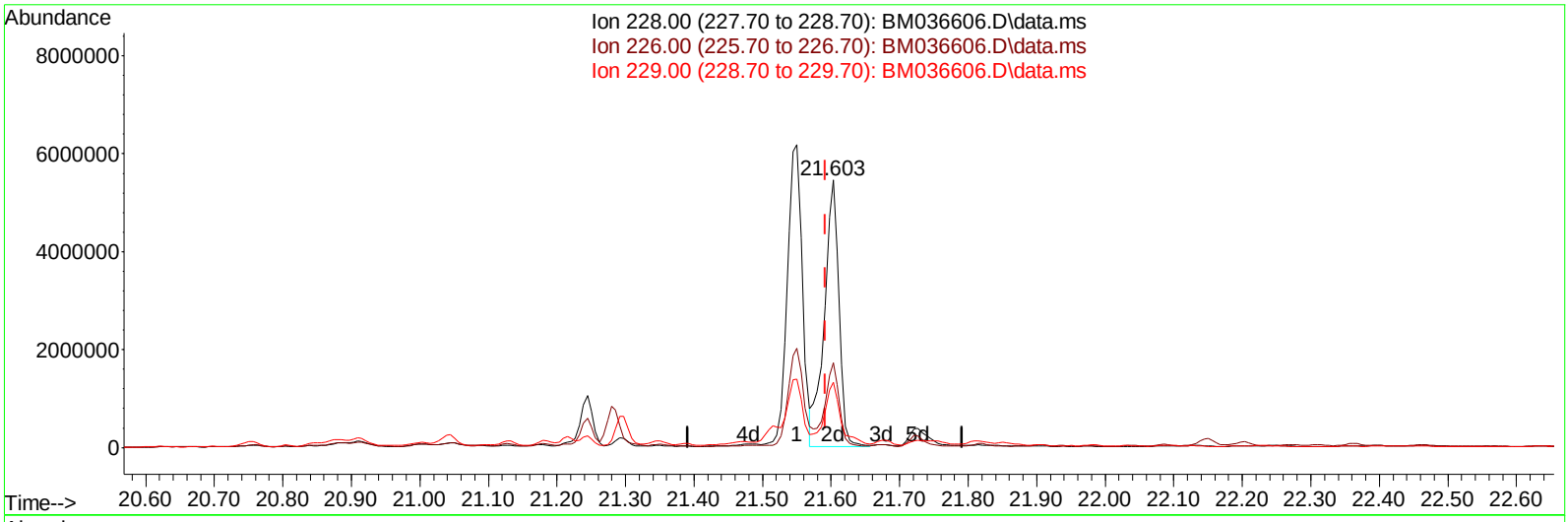

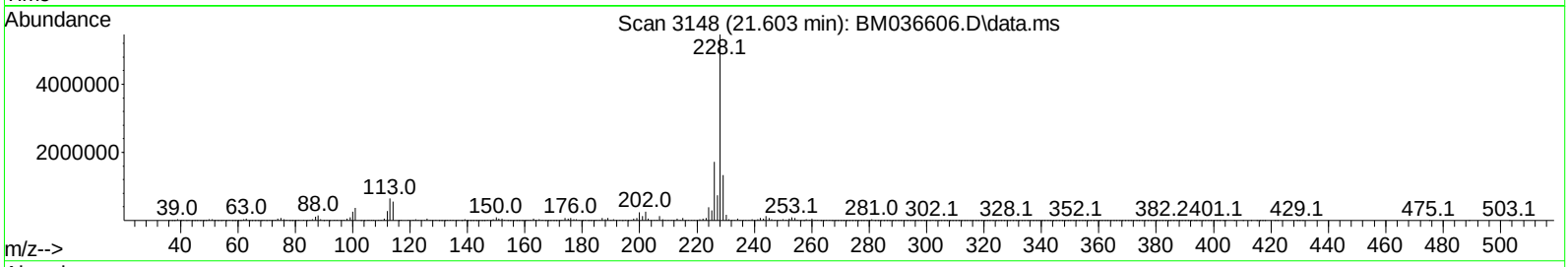

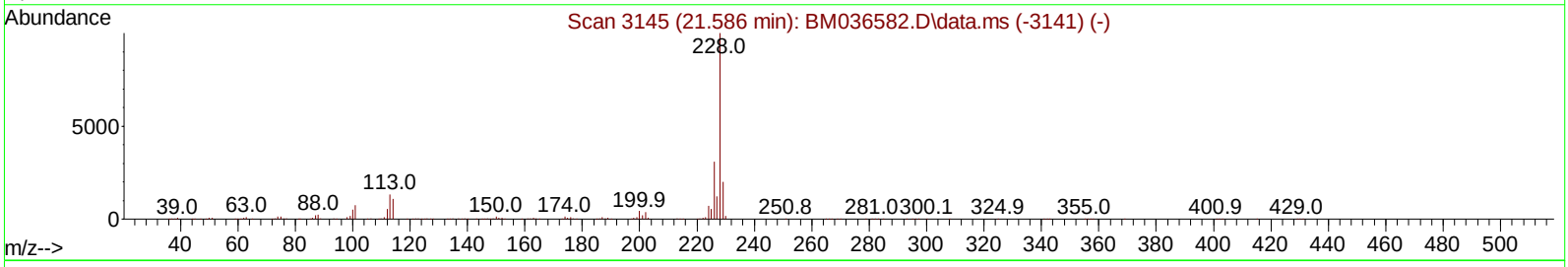

TIC: BM036606.D\data.ms

(87) Chrysene

21.603min (+ 0.012) 74.94 ng/ul m

response 8142922

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	31.65
229.00	19.50	24.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036606.D
Acq On : 20 Sep 2022 07:24
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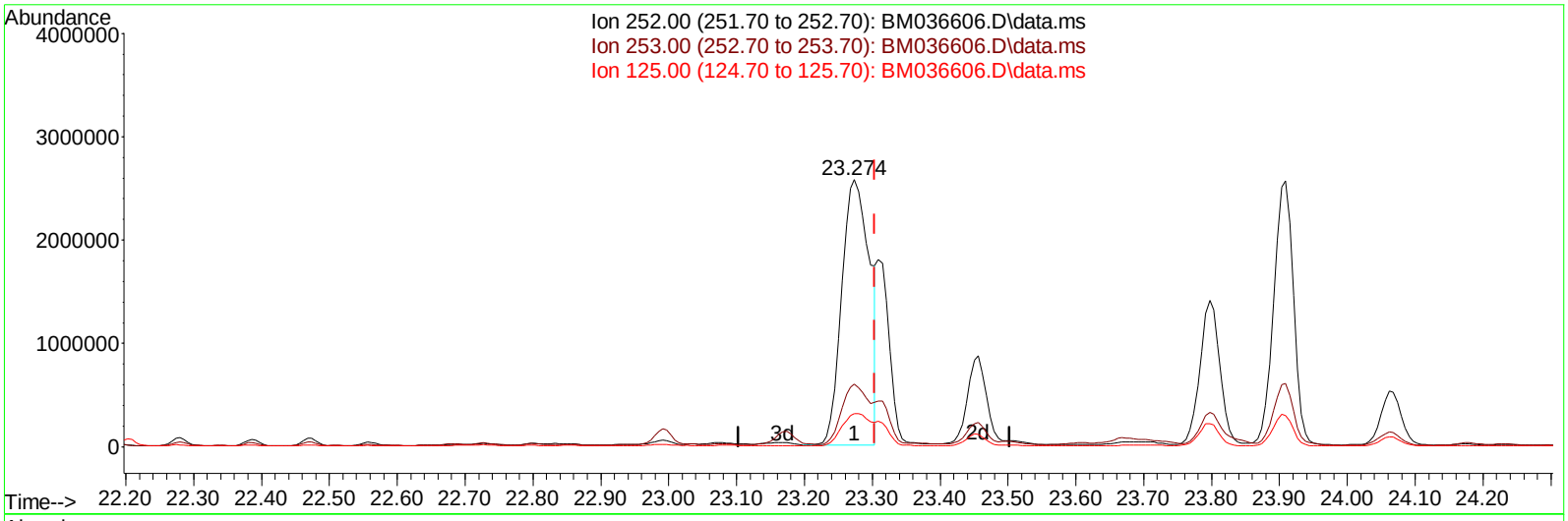
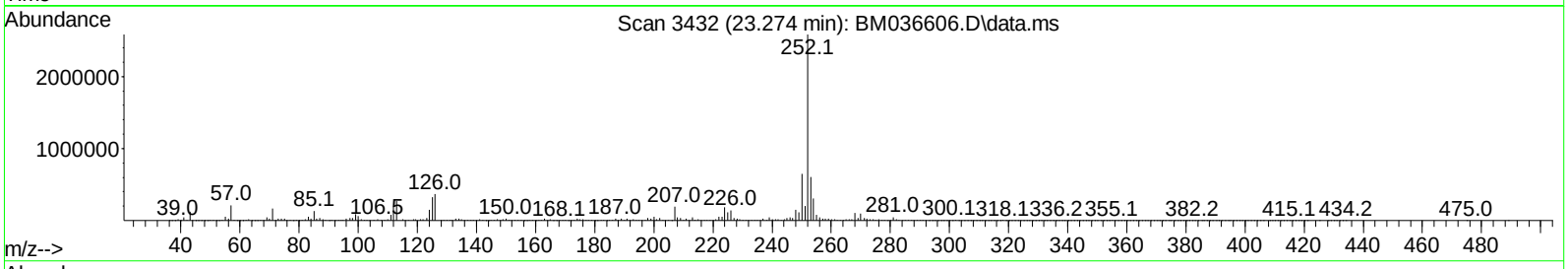
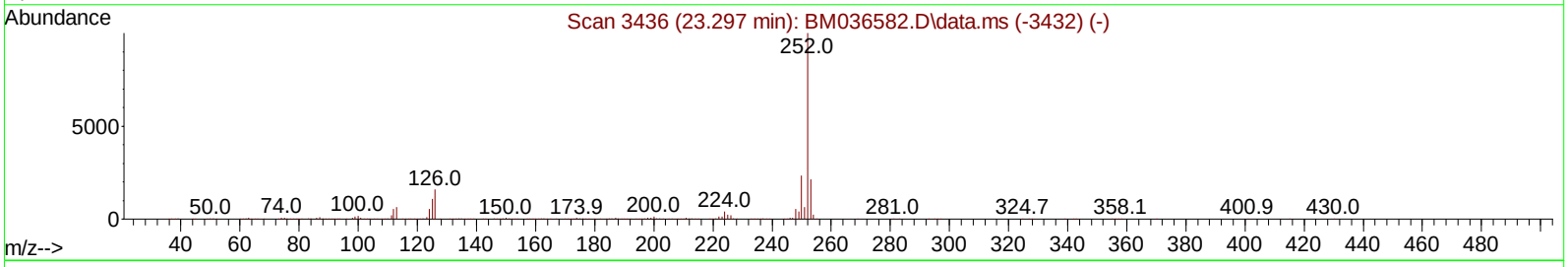






TIC: BM036606.D\data.ms

(91) Benzo(k)fluoranthene

23.274min (-0.029) 67.35 ng/ul

response 7339618

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.57
125.00	10.30	12.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

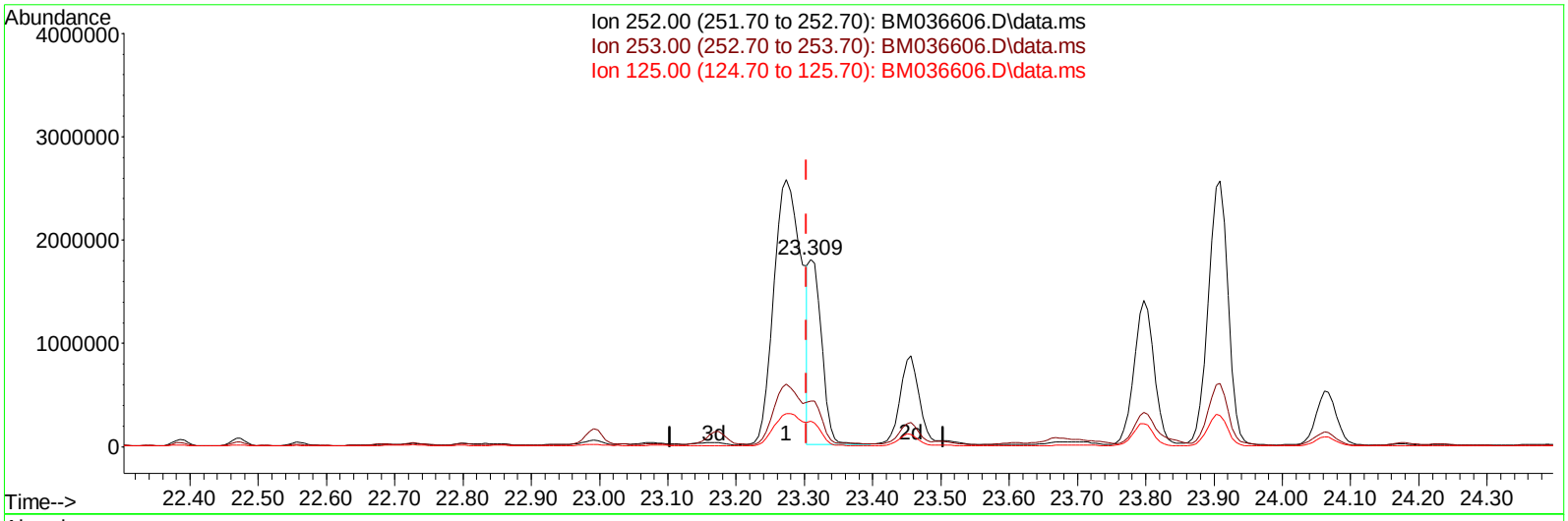
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036606.D
Acq On : 20 Sep 2022 07:24
Operator : CG/JU
Sample : N4604-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

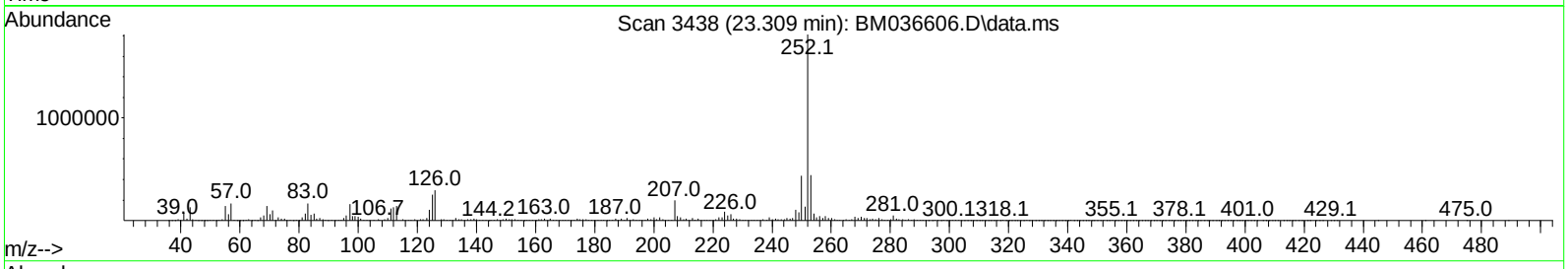
Quant Time: Sep 20 08:15:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

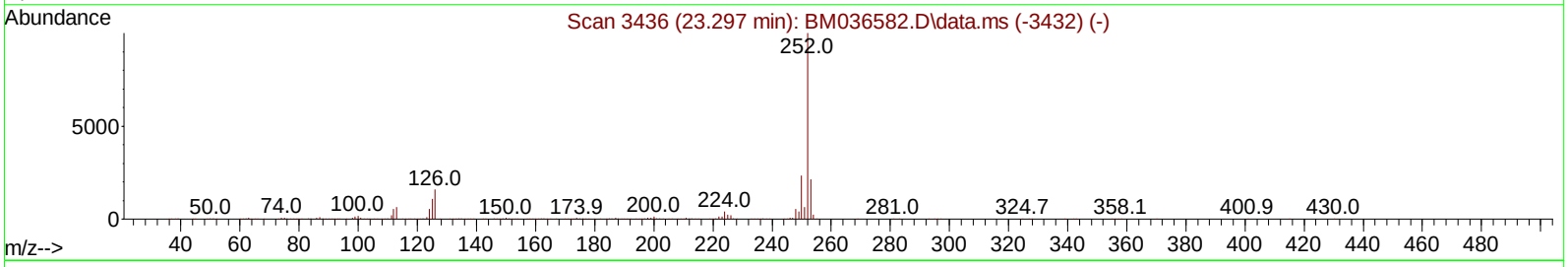
Instrument :
BNA_M
ClientSampleId :
A5778

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036606.D\data.ms

(91) Benzo(k)fluoranthene

23.309min (+ 0.006) 21.30 ng/ul m

response 2321333

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	24.52
125.00	10.30	13.81#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	563254	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	2474074	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1485904	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	2842943	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	1827017	20.000	ng/ul	0.00
88) Perylene-d12	24.009	264	1719862	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	50939	3.390	ng/uL	0.00
4) Pyridine-d5	3.822	84	206276	4.707	ng/ul	0.00
7) Phenol-d5	7.175	99	1186571	23.573	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	696512	22.786	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	948468	26.173	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	876203	23.559	ng/ul	0.00
21) Nitrobenzene-d5	9.192	128	500873	29.910	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	527694	35.181	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	933065	26.842	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	870141m	15.056	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2739020	27.331	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	3392741	28.541	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	475511	24.463	ng/ul	0.01
60) Fluorene-d10	15.639	176	2421428	26.962	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	215338	19.145	ng/ul	0.01
73) Anthracene-d10	17.492	188	3532371	27.175	ng/ul	0.00
81) Pyrene-d10	19.774	212	3498100	38.919	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.856	264	2397564	28.534	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.886	128	1496670	11.105	ng/ul	99
36) 2-Methylnaphthalene	12.492	142	2376095	26.460	ng/ul	100
37) 1-Methylnaphthalene	12.710	142	2407881	26.673	ng/ul	100
50) Acenaphthylene	14.374	152	4721637	34.741	ng/ul	97
52) Acenaphthene	14.715	153	1081172	11.369	ng/ul	99
61) Fluorene	15.698	166	4695585	43.171	ng/ul	100
72) Phenanthrene	17.433	178	18573178m	118.609	ng/ul	
74) Anthracene	17.527	178	8707748	54.708	ng/ul	97
80) Fluoranthene	19.445	202	16514660m	149.940	ng/ul	
82) Pyrene	19.809	202	15376461m	131.887	ng/ul	
85) Benzo(a)anthracene	21.550	228	9394047	82.064	ng/ul	91
87) Chrysene	21.603	228	8142922m	74.942	ng/ul	
90) Benzo(b)fluoranthene	23.274	252	7339618	67.297	ng/ul	97
91) Benzo(k)fluoranthene	23.309	252	2321333m	21.301	ng/ul	
93) Benzo(a)pyrene	23.909	252	5154705	53.764	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.568	276	2631112	23.500	ng/ul	98
95) Dibenzo(a,h)anthracene	26.573	278	871274	8.581	ng/ul#	87
96) Benzo(g,h,i)perylene	27.356	276	1924132	19.823	ng/ul	99

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

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