Quantitation Report (Qedit)

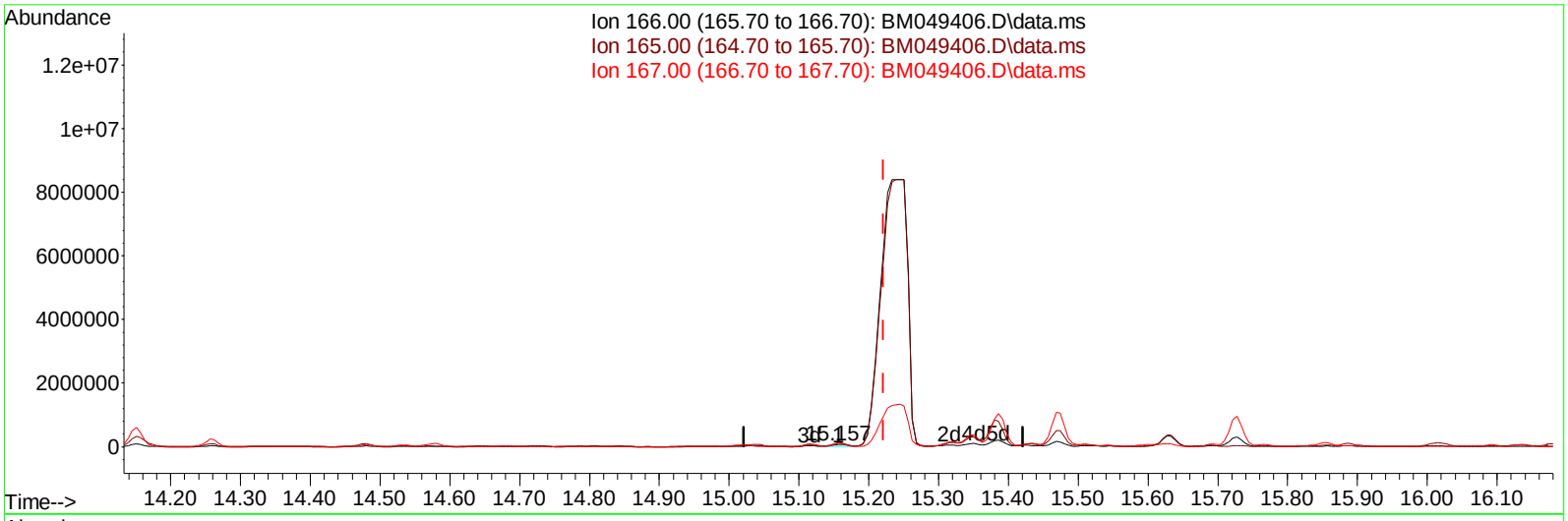
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
Sample : Q1139-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

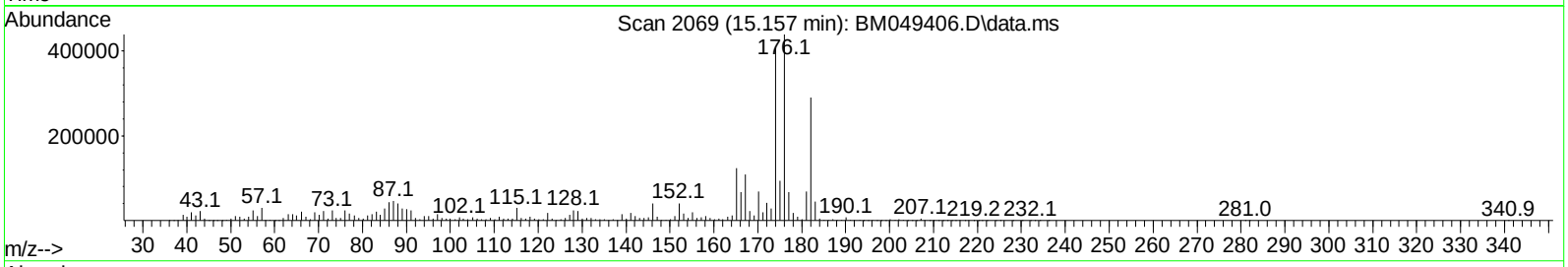
Quant Time: Jan 23 06:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

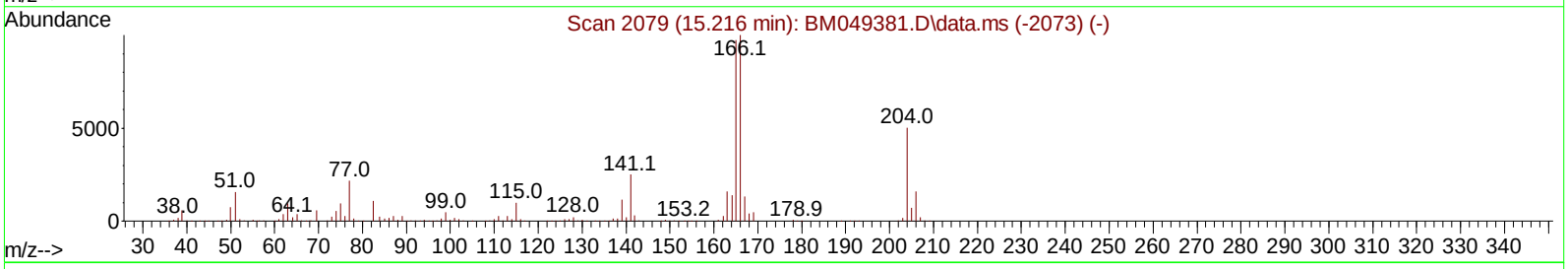
Instrument :
BNA_M
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BM049406.D\data.ms

(61) Fluorene

15.157min (-0.065) 0.92 ng/ul

response 79688

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	97.10	185.32#
167.00	13.40	161.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
Sample : Q1139-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 23 06:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
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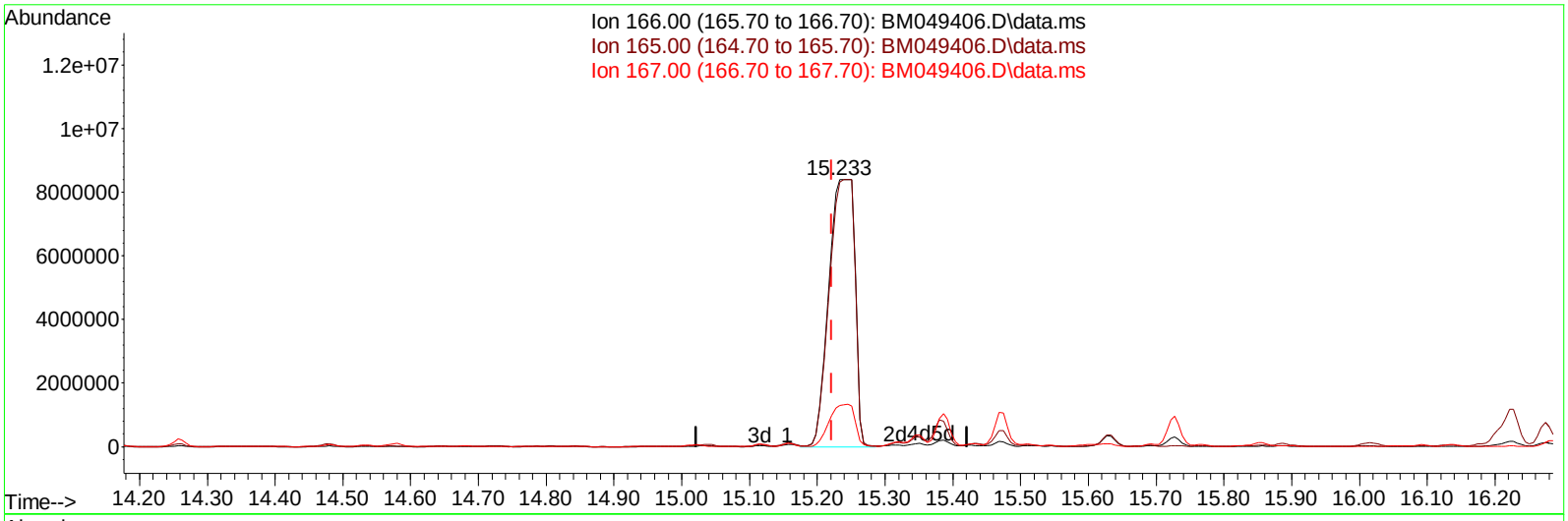
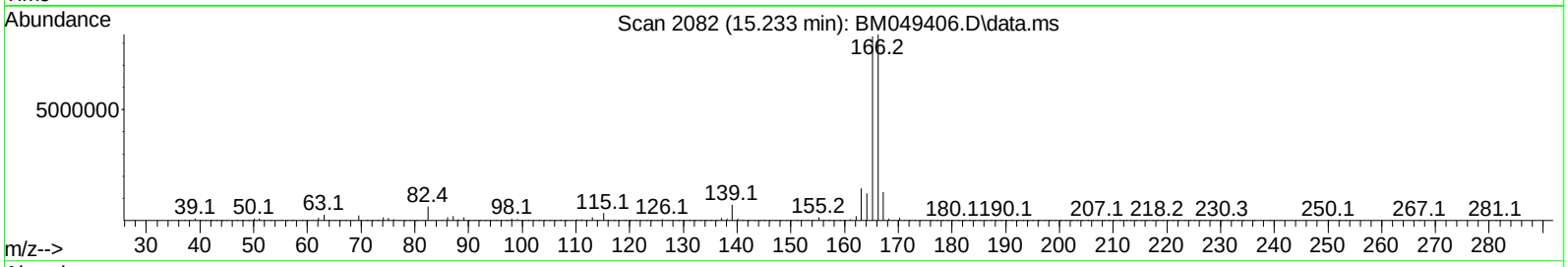
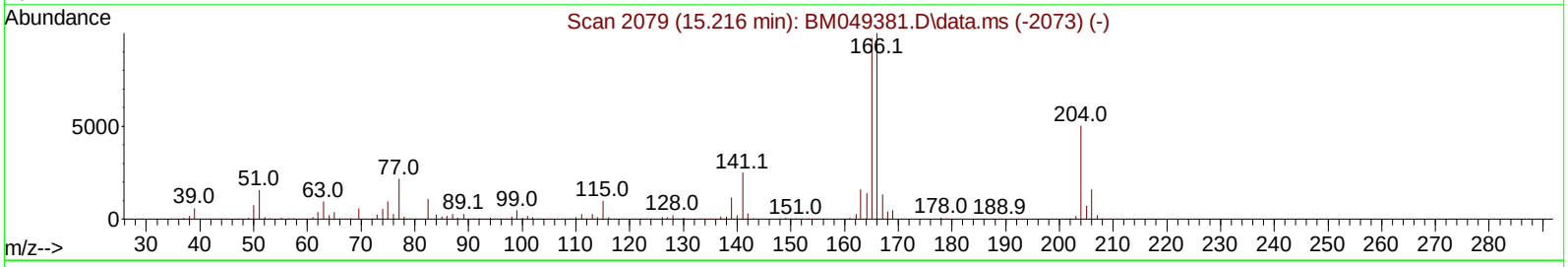
BNA_M
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BM049406.D\data.ms

(61) Fluorene

15.233min (+ 0.012) 258.94 ng/ul m

response 22386020

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	97.10	99.09
167.00	13.40	15.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
Sample : Q1139-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 23 06:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

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BNA_M
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
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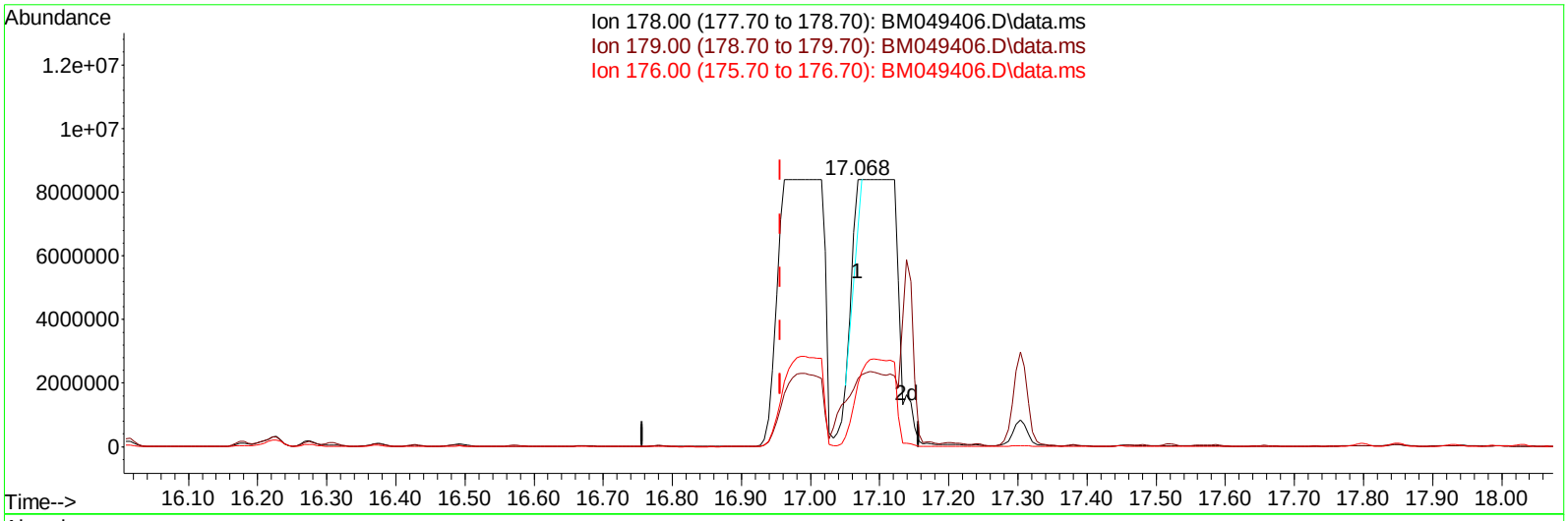
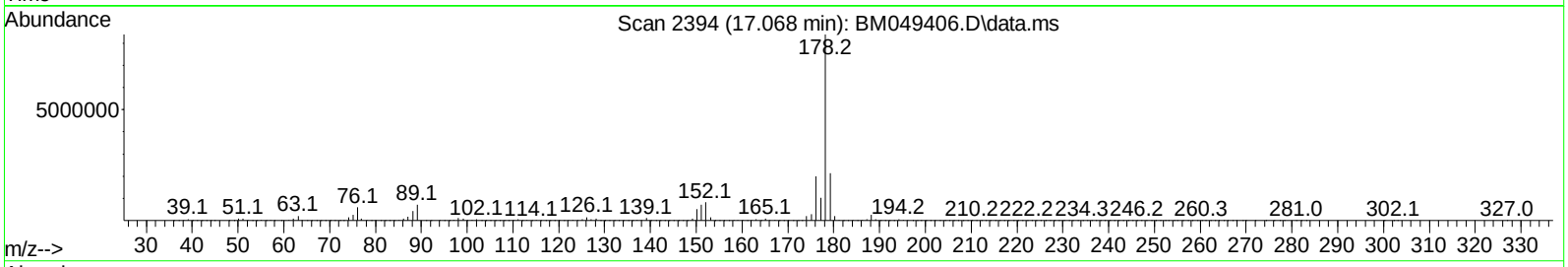
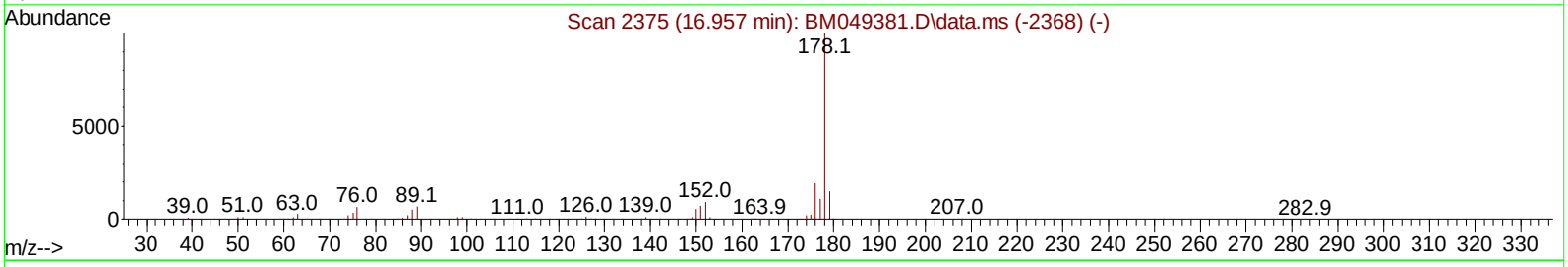






TIC: BM049406.D\data.ms

(72) Phenanthrene

17.068min (+ 0.112) 27.74 ng/ul

response 3037201

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	25.61#
176.00	19.30	23.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

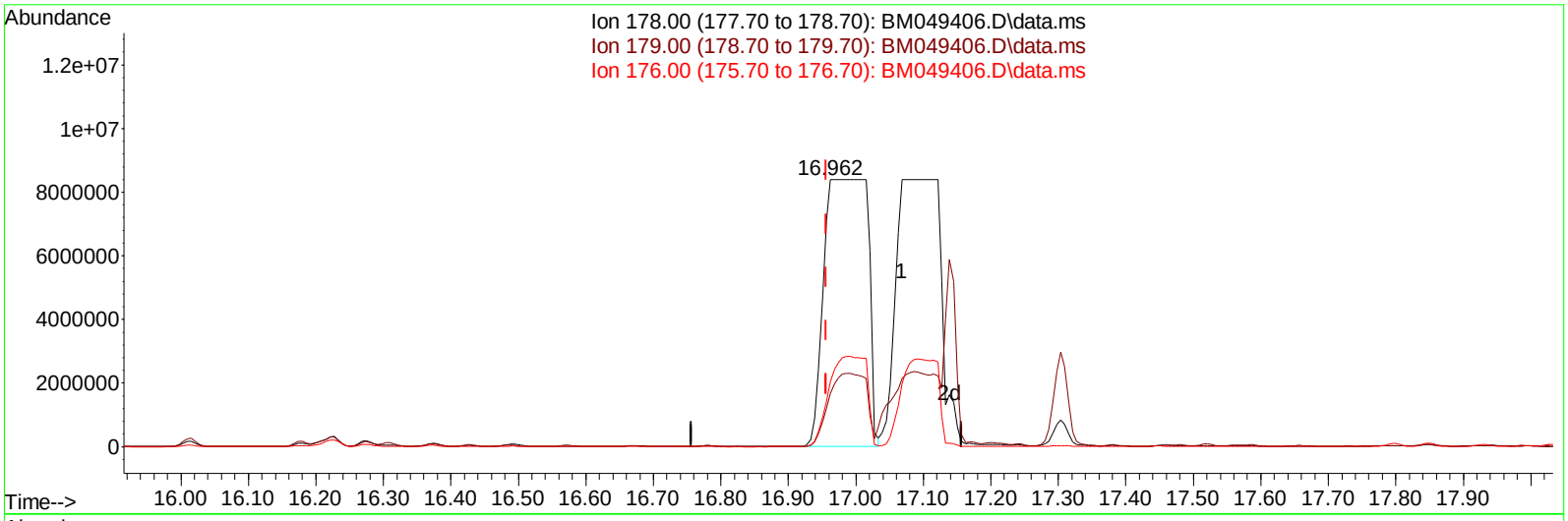
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
Sample : Q1139-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

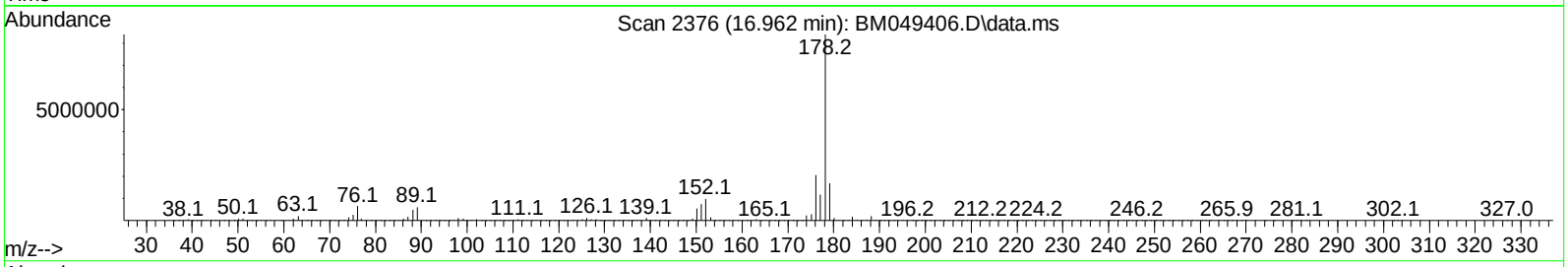
Quant Time: Jan 23 06:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

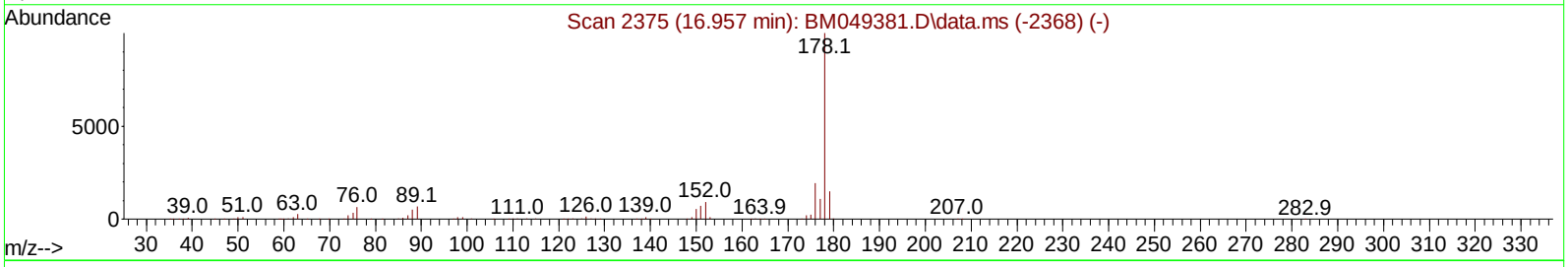
Instrument :
BNA_M
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BM049406.D\data.ms

(72) Phenanthrene

16.962min (+ 0.006) 342.05 ng/ul m

response 37448658

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	19.95#
176.00	19.30	24.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

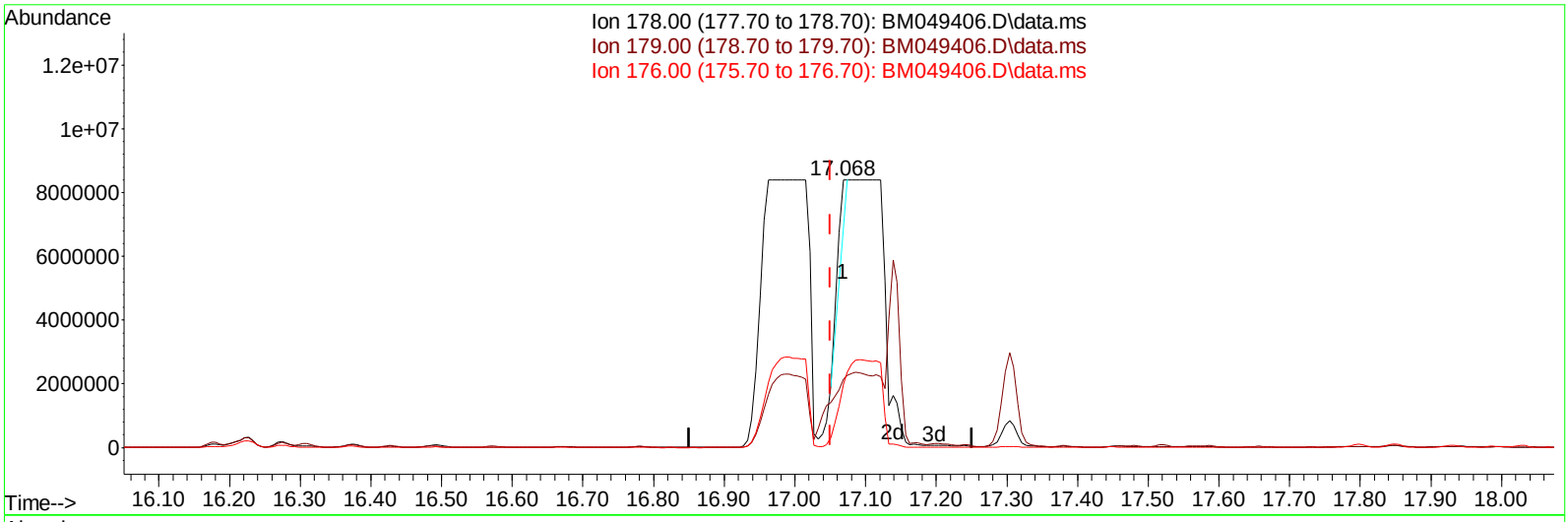
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
Sample : Q1139-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

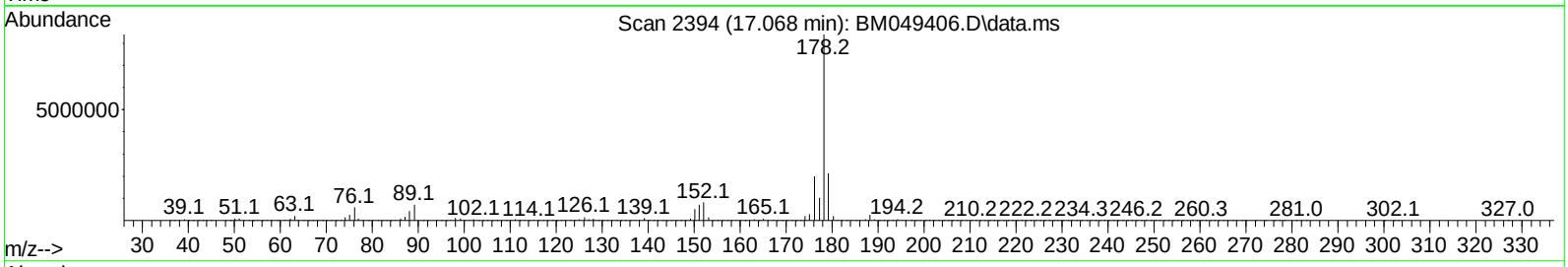
Quant Time: Jan 23 06:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

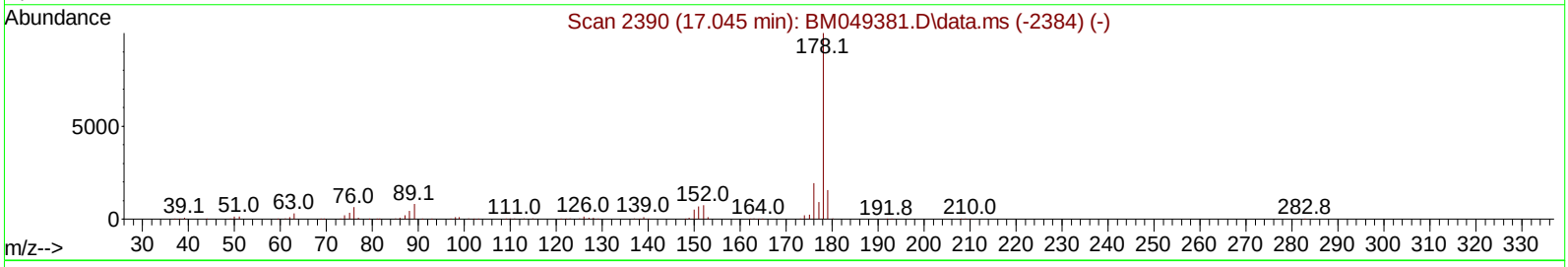
Instrument :
BNA_M
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BM049406.D\data.ms

(74) Anthracene

17.068min (+ 0.018) 27.64 ng/ul

response 3037201

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	25.61#
176.00	18.90	23.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

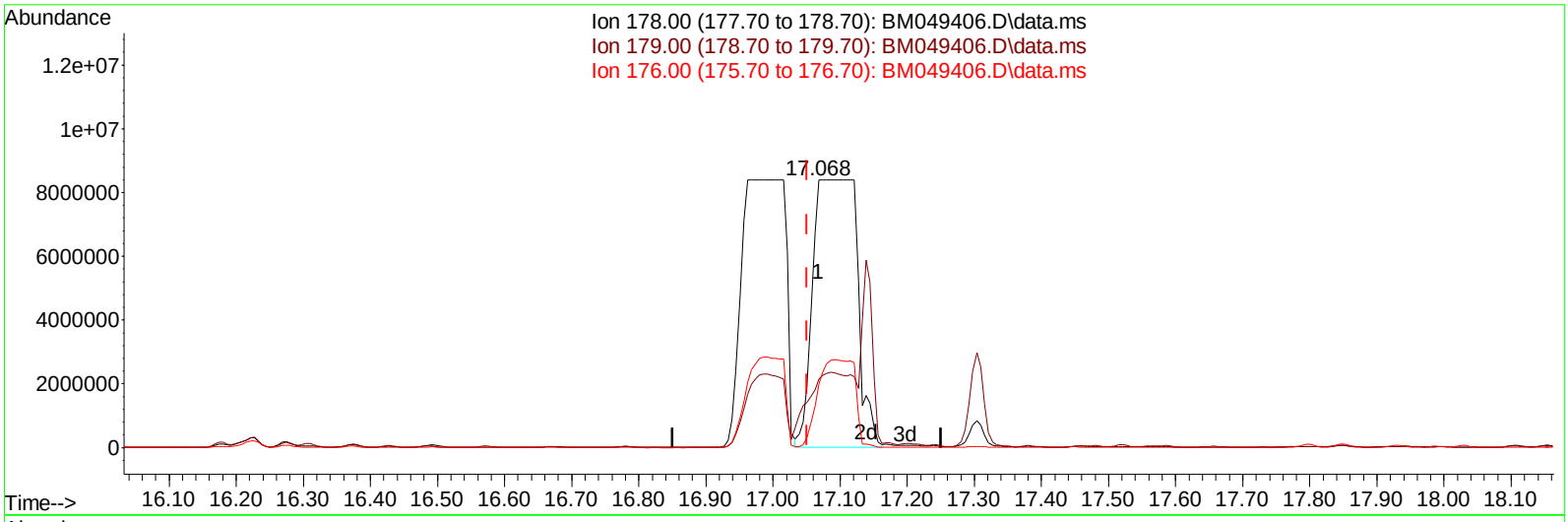
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
Sample : Q1139-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

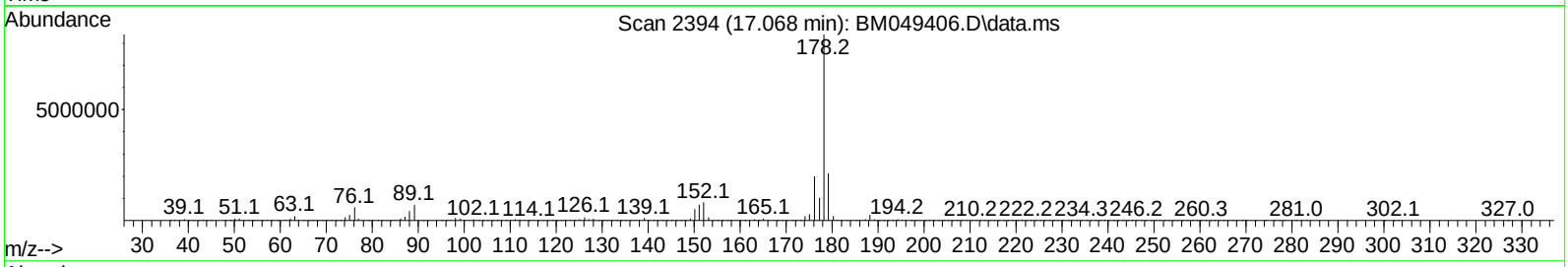
Quant Time: Jan 23 06:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

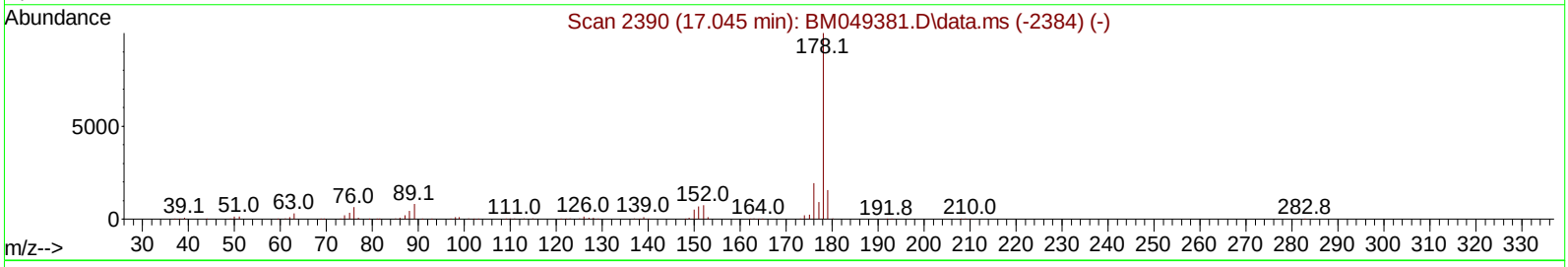
Instrument :
BNA_M
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BM049406.D\data.ms

(74) Anthracene

17.068min (+ 0.018) 347.38 ng/ul m

response 38174276

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	25.61#
176.00	18.90	23.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

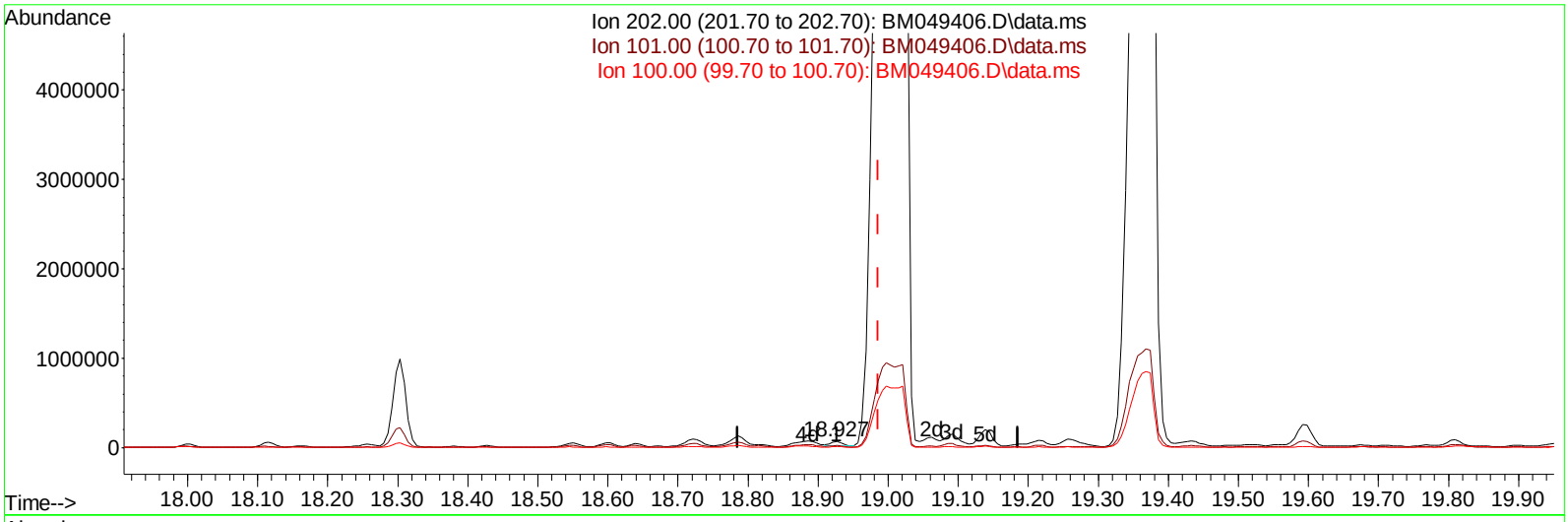
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
Sample : Q1139-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

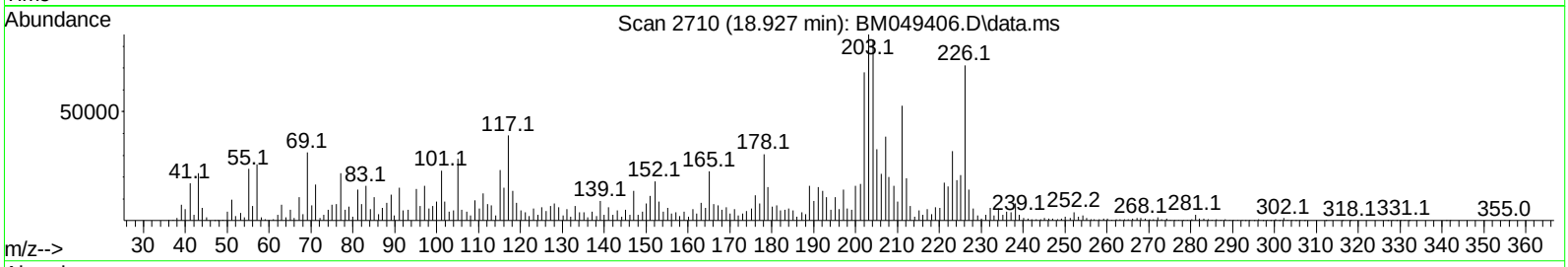
Quant Time: Jan 23 07:00:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

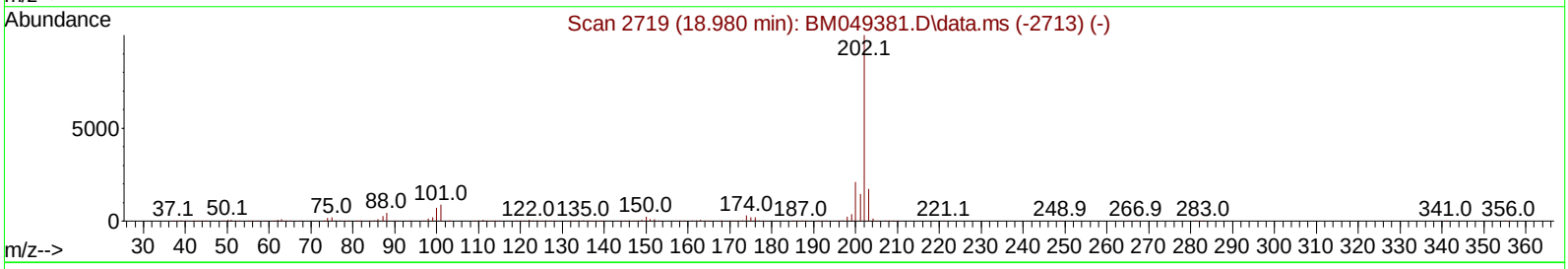
Instrument :
BNA_M
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BM049406.D\data.ms

(80) Fluoranthene

18.927min (-0.059) 0.59 ng/ul

response 64816

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	8.70	33.89#
100.00	6.30	13.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
Sample : Q1139-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 23 07:00:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

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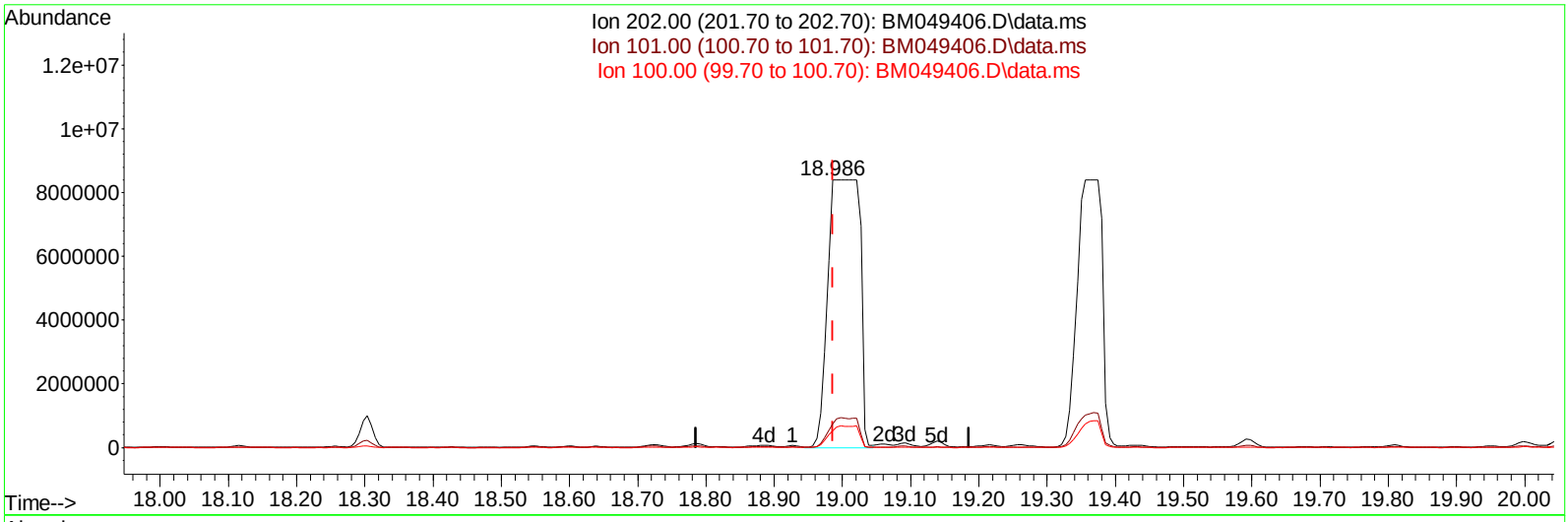

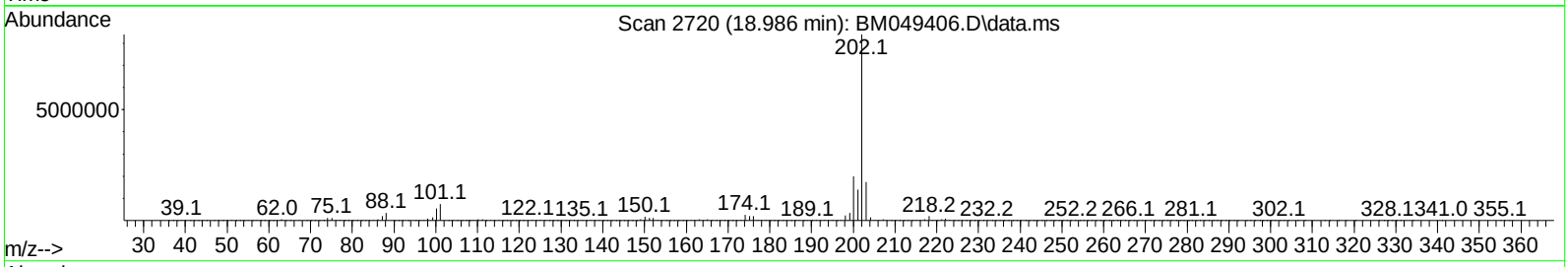

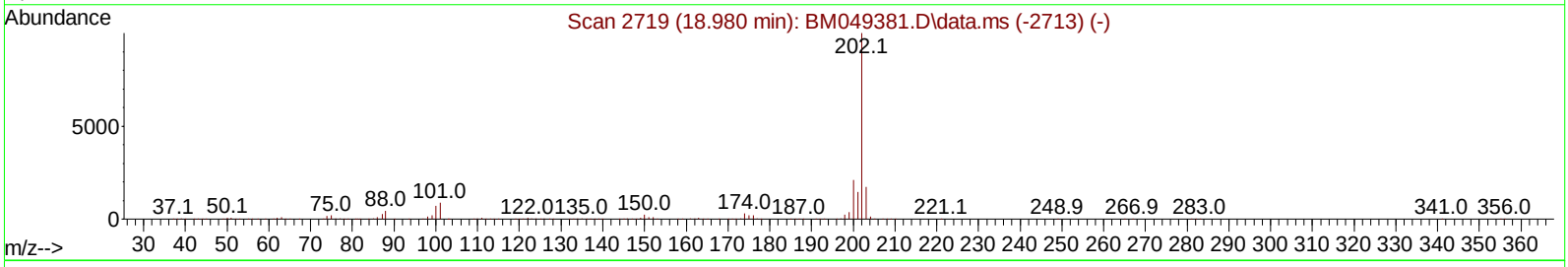

TIC: BM049406.D\data.ms

(80) Fluoranthene

18.986min (-0.000) 244.88 ng/ul m

response 27054416

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	8.70	8.85
100.00	6.30	6.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
Sample : Q1139-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 23 07:00:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

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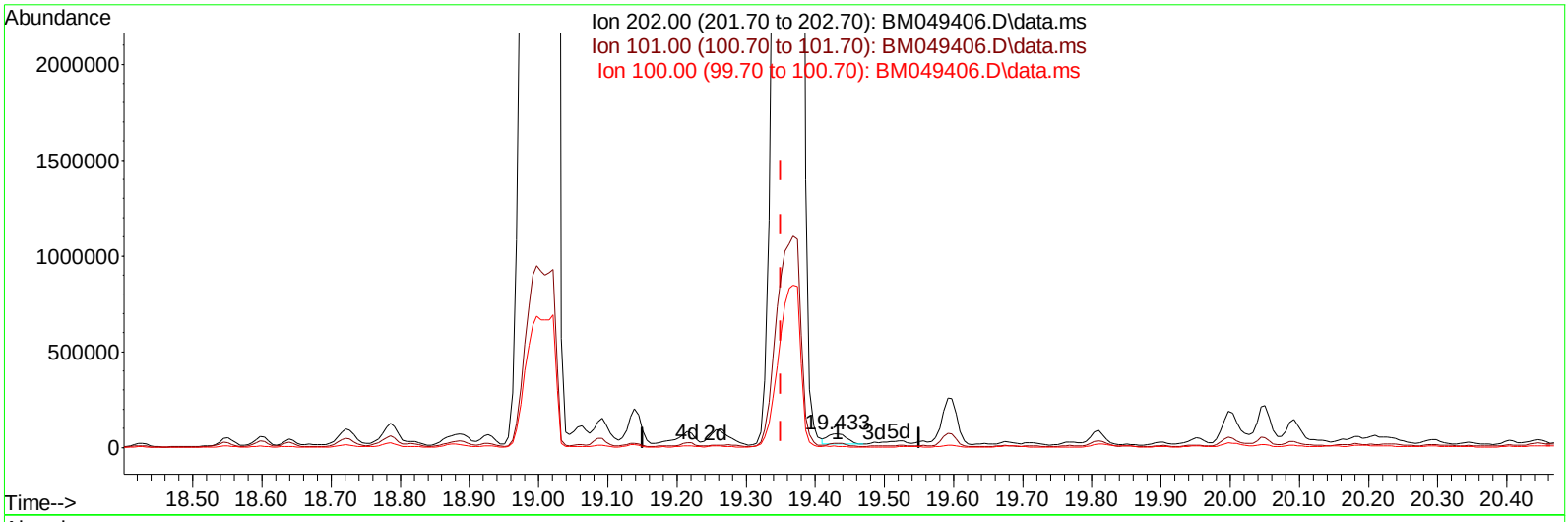

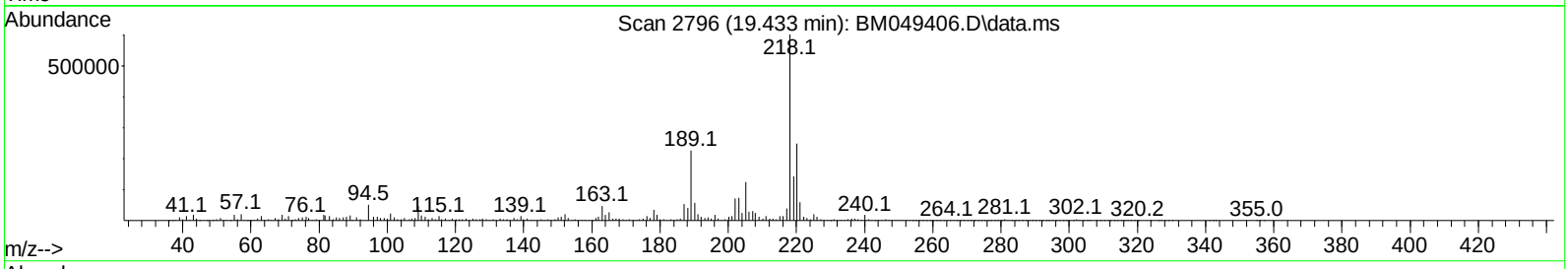

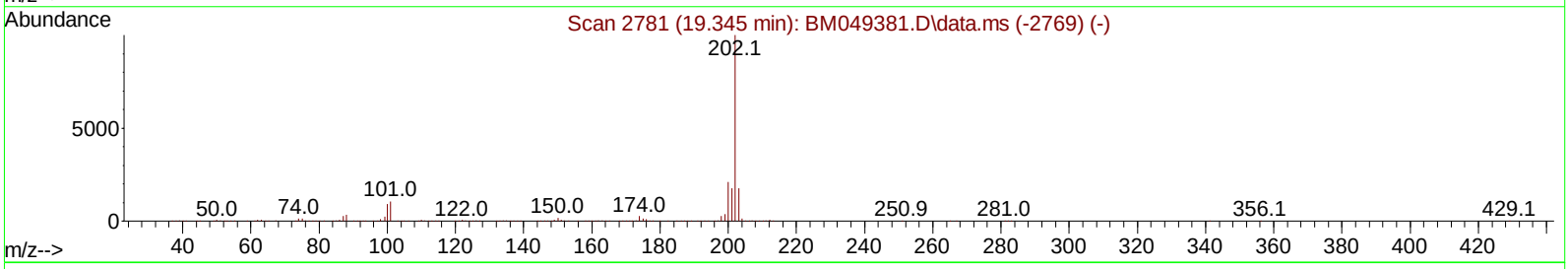

TIC: BM049406.D\data.ms

(82) Pyrene

19.433min (+ 0.082) 0.92 ng/ul

response 108066

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.80	31.47#
100.00	8.30	9.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
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ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 23 07:00:27 2025
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Instrument :
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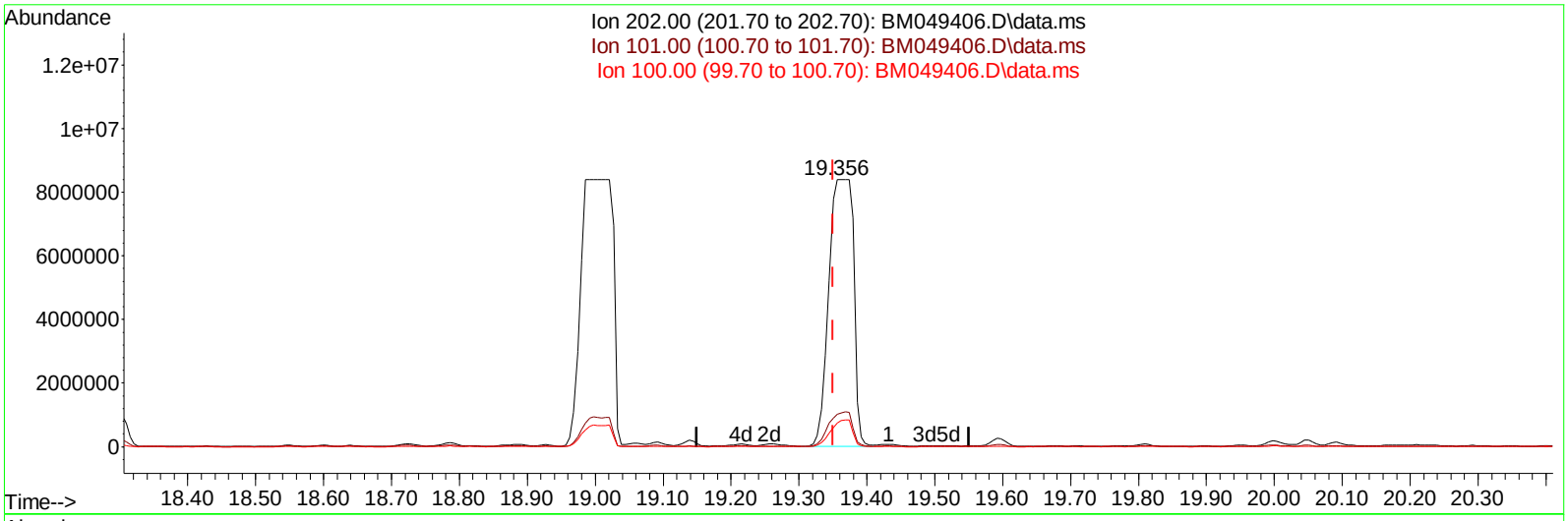
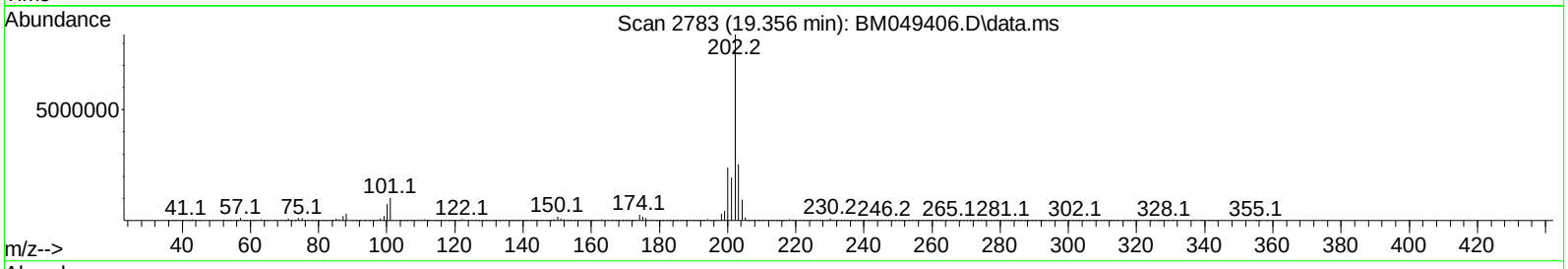
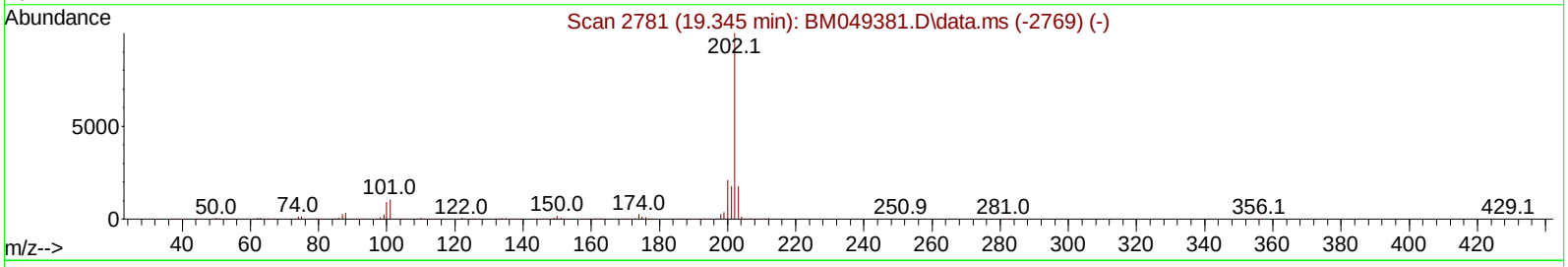
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BM049406.D\data.ms

(82) Pyrene

19.356min (+ 0.006) 180.46 ng/ul m

response 21222651

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.80	12.22#
100.00	8.30	8.92
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
Sample : Q1139-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 23 07:00:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	487369	20.000	ng/ul	0.00
20) Naphthalene-d8	10.280	136	1848745	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	1197229	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.927	188	1969336	20.000	ng/ul	0.01
79) Chrysene-d12	21.150	240	1579837	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	1686314	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	27407	2.327	ng/uL	0.00
4) Pyridine-d5	3.510	84	231568	6.175	ng/ul	0.00
7) Phenol-d5	6.716	99	560902	13.710	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	345788	12.693	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	447794	14.308	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	434054	13.682	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	203569	14.440	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	235240	14.926	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	464292	14.437	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	319448	7.549	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	1276488	14.325	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	1305246	12.831	ng/ul	0.00
54) 4-Nitrophenol-d4	14.427	143	183140	12.411	ng/ul	0.04
60) Fluorene-d10	15.163	176	970911	12.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.321	200	47922	3.818	ng/ul	0.03
73) Anthracene-d10	17.039	188	1165170	11.969	ng/ul	0.02
81) Pyrene-d10	19.327	212	1098903	11.429	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	613557	6.778	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.333	128	7292639	74.328	ng/ul	99
36) 2-Methylnaphthalene	11.957	142	5669967	80.759	ng/ul	99
37) 1-Methylnaphthalene	12.180	142	4089851	58.546	ng/ul	99
50) Acenaphthylene	13.880	152	1005884	9.645	ng/ul#	92
52) Acenaphthene	14.245	153	15248115	204.641	ng/ul	98
61) Fluorene	15.233	166	22386020m	258.943	ng/ul	
71) Pentachlorophenol	16.604	266	1646750	95.442	ng/ul	97
72) Phenanthrene	16.962	178	37448658m	342.050	ng/ul	
74) Anthracene	17.068	178	38174276m	347.379	ng/ul	
80) Fluoranthene	18.986	202	27054416m	244.879	ng/ul	
82) Pyrene	19.356	202	21222651m	180.459	ng/ul	
85) Benzo(a)anthracene	21.133	228	11004648	99.954	ng/ul	95
87) Chrysene	21.192	228	10736525	106.820	ng/ul	95
90) Benzo(b)fluoranthene	23.068	252	8810643	78.060	ng/ul	98
91) Benzo(k)fluoranthene	23.115	252	3375283	29.992	ng/ul	97
93) Benzo(a)pyrene	23.797	252	1710038	16.773	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.003	276	1039347	8.887	ng/ul	99
95) Dibenzo(a,h)anthracene	27.038	278	474913	4.986	ng/ul	96
96) Benzo(g,h,i)perylene	27.956	276	91563	1.049	ng/ul#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049406.D
Acq On : 23 Jan 2025 06:27
Operator : RC/JU
Sample : Q1139-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jan 23 07:00:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCZH6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025