Quantitation Report (QT Reviewed)

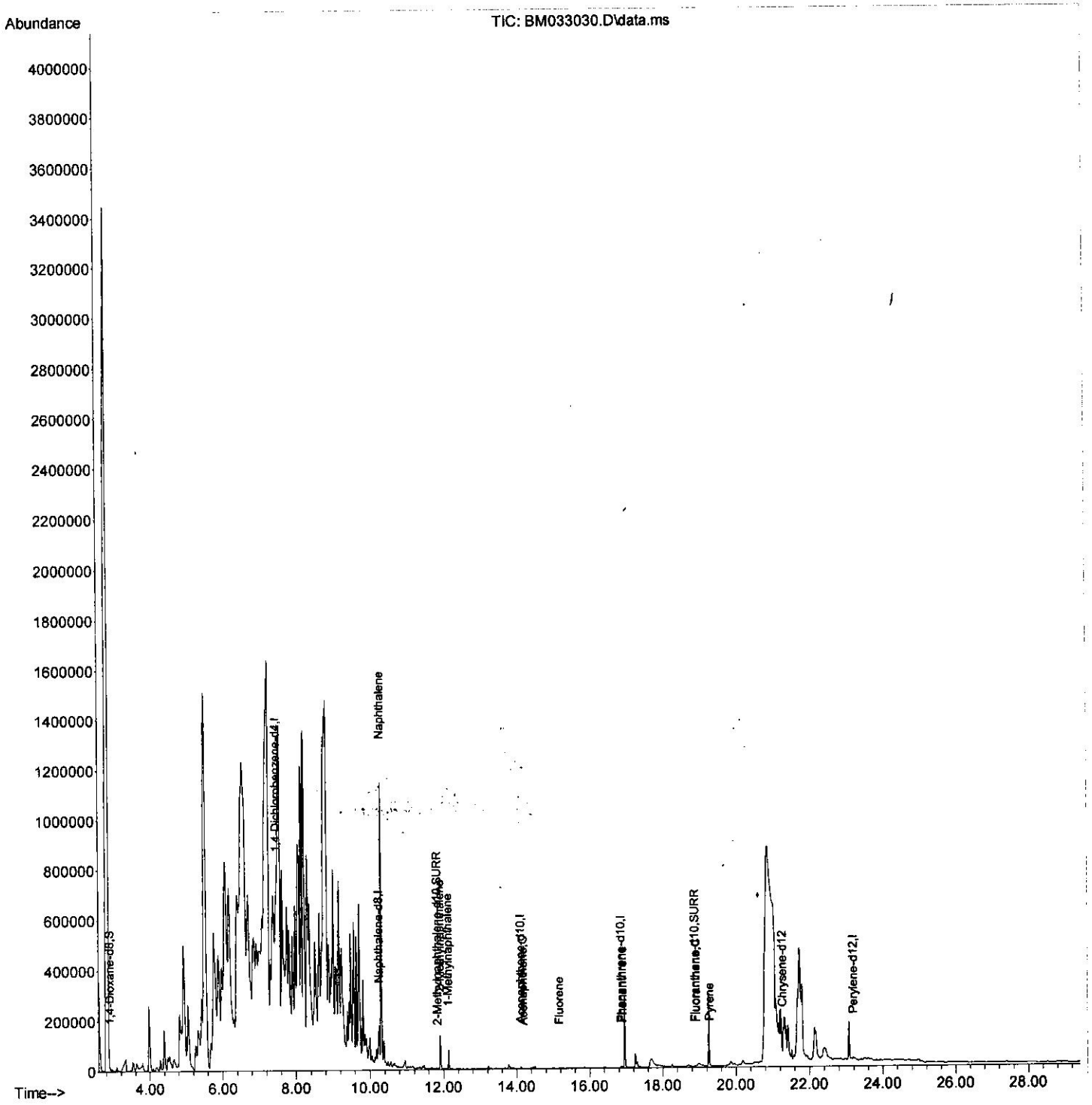
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033030.D
Acq On : 12 Nov 2021 17:03
Operator : CG/JU
Sample : M4615-09
Misc :
ALS Vial : 126 Sample Multiplier: 1

Quant Time: Nov 15 07:35:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 07:34:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V15

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



Quantitation Report (Qedit)

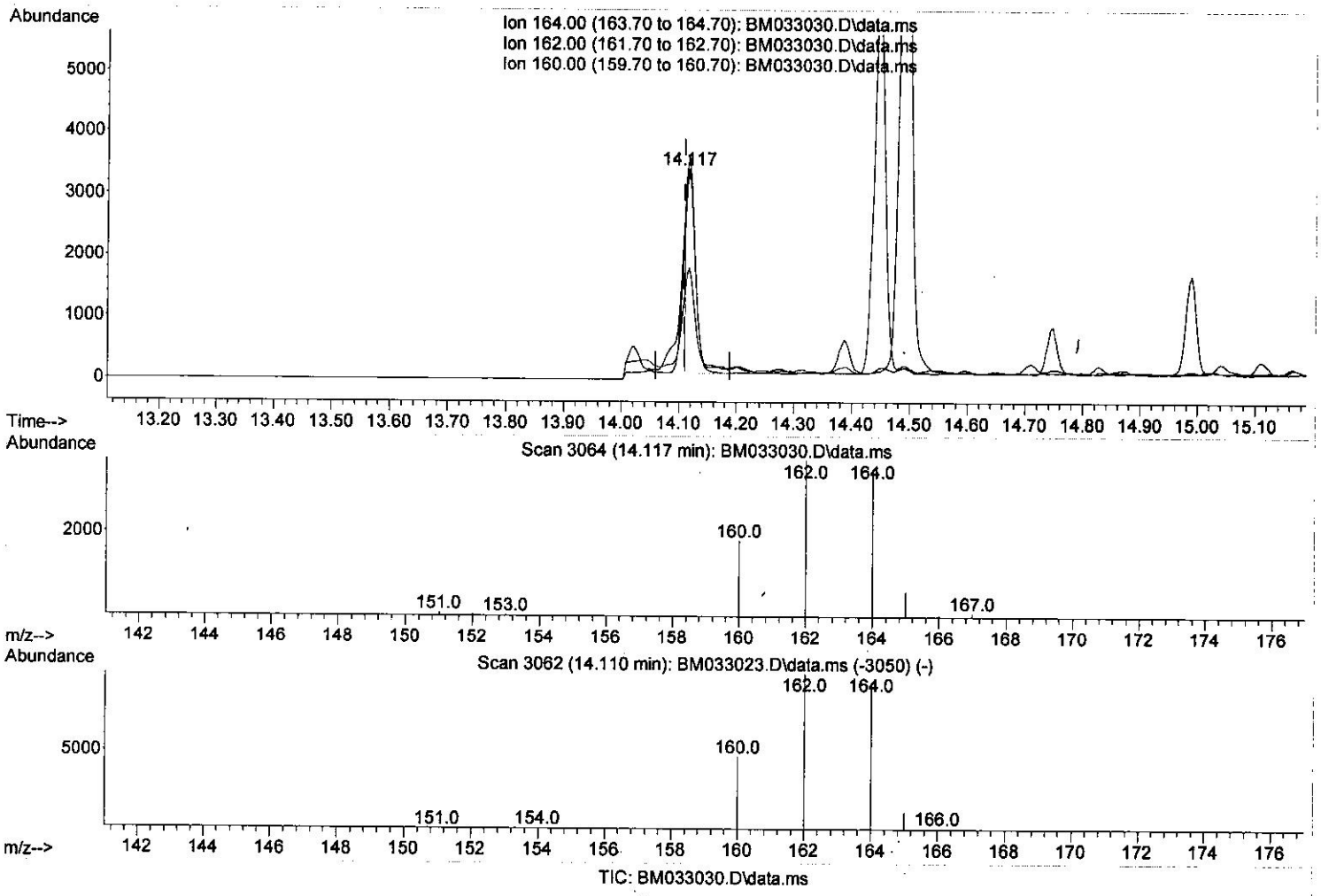
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033030.D
Acq On : 12 Nov 2021 17:03
Operator : CG/JU
Sample : M4615-09
Misc :
ALS Vial : 126 Sample Multiplier: 1

Quant Time: Nov 15 07:35:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 07:34:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V15

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



TIC: BM033030.D\data.ms

(9) Acenaphthene-d10 (I)

14.117min (+ 0.007) 0.40 ng/ul

response 3474

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	105.00	106.40
160.00	49.10	53.00
0.00	0.00	0.00

Quantitation Report (Qedit)

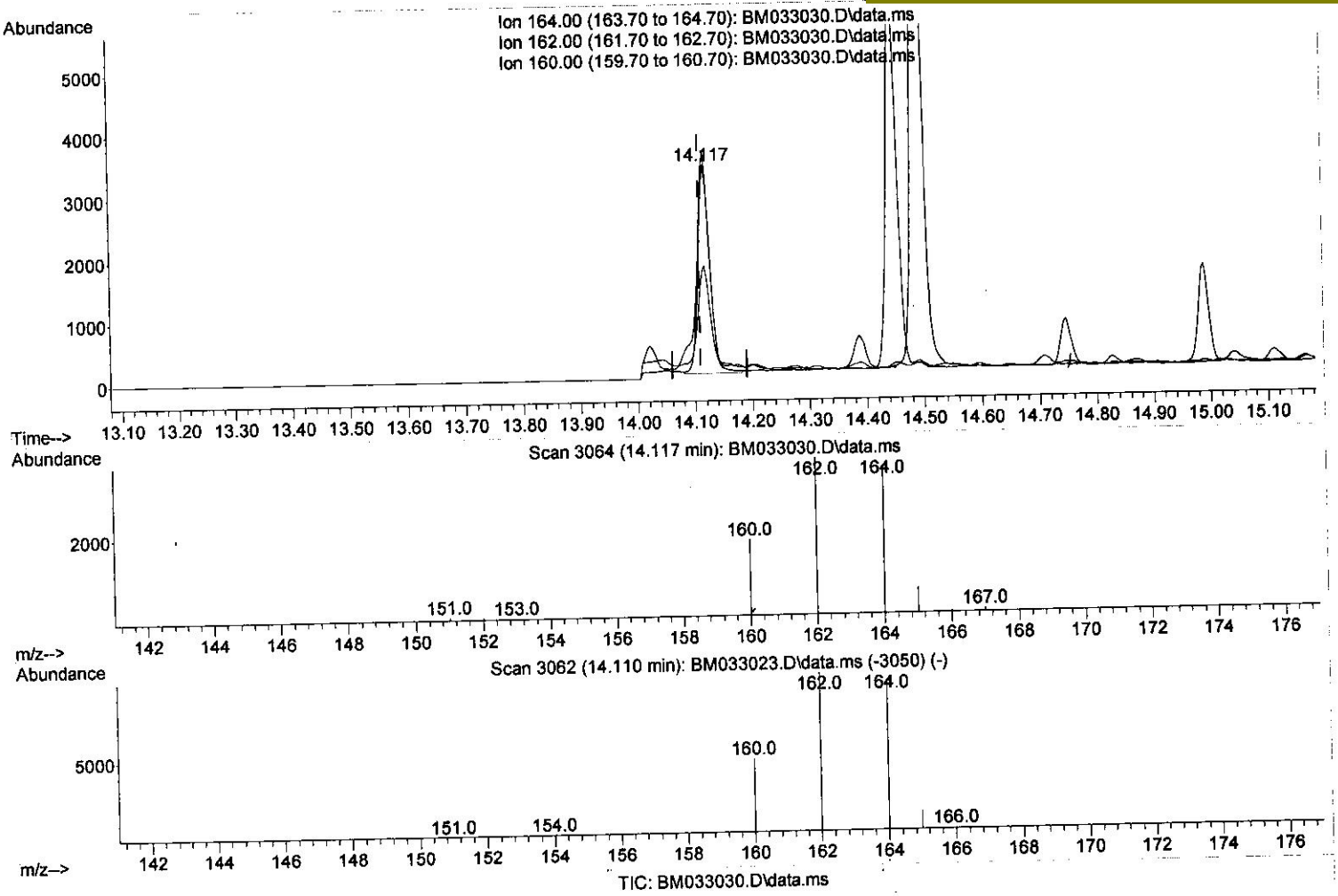
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033030.D
Acq On : 12 Nov 2021 17:03
Operator : CG/JU
Sample : M4615-09
Misc :
ALS Vial : 126 Sample Multiplier: 1

Quant Time: Nov 15 07:35:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 07:34:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V15

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



(9) Acenaphthene-d10 (I)

14.117min (+ 0.007) 0.40 ng/ul m JU 11/29/21

response 4890

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	105.00	106.40
160.00	49.10	53.00
0.00	0.00	0.00

Quantitation Report (Qedit)

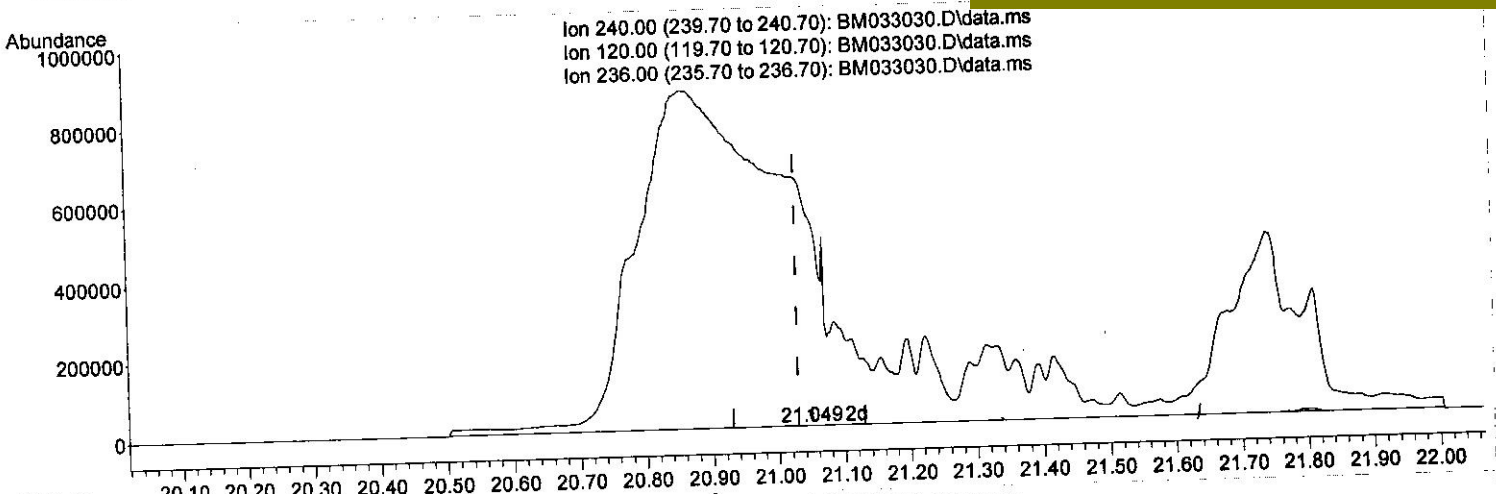
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033030.D
Acq On : 12 Nov 2021 17:03
Operator : CG/JU
Sample : M4615-09
Misc :
ALS Vial : 126 Sample Multiplier: 1

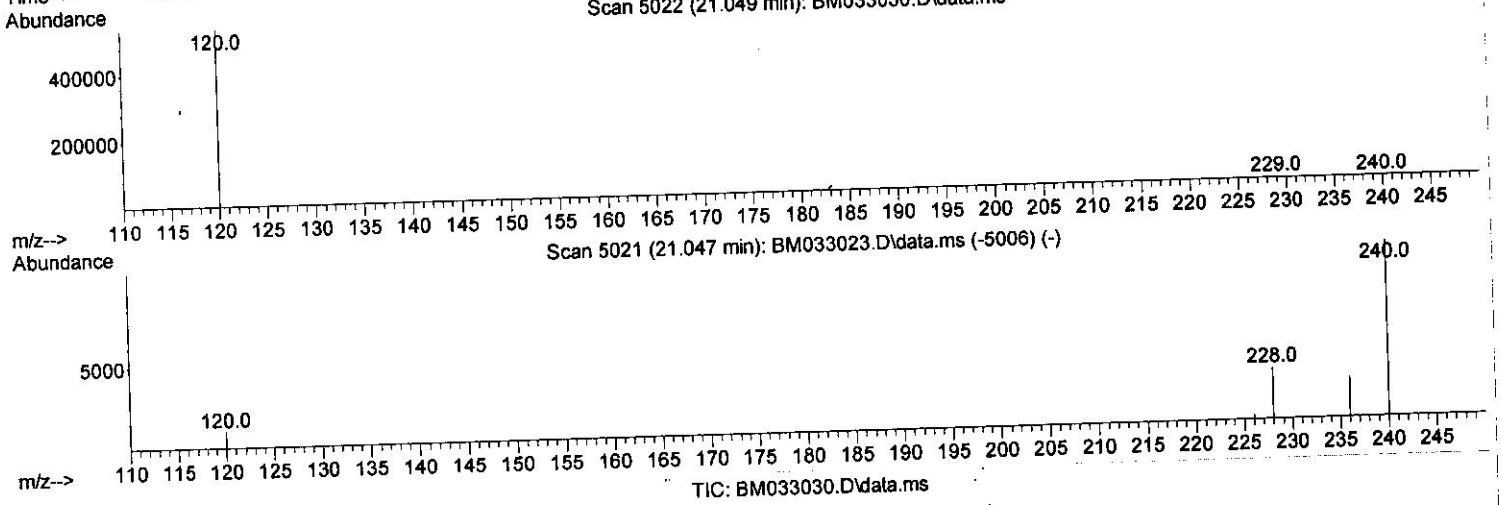
Quant Time: Nov 29 05:09:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 11:08:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V15

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021





(17) Chrysene-d12

21.049min (+ 0.019) 0.40 ng/ul

response 162

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.20	162217.63#
236.00	29.40	64.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

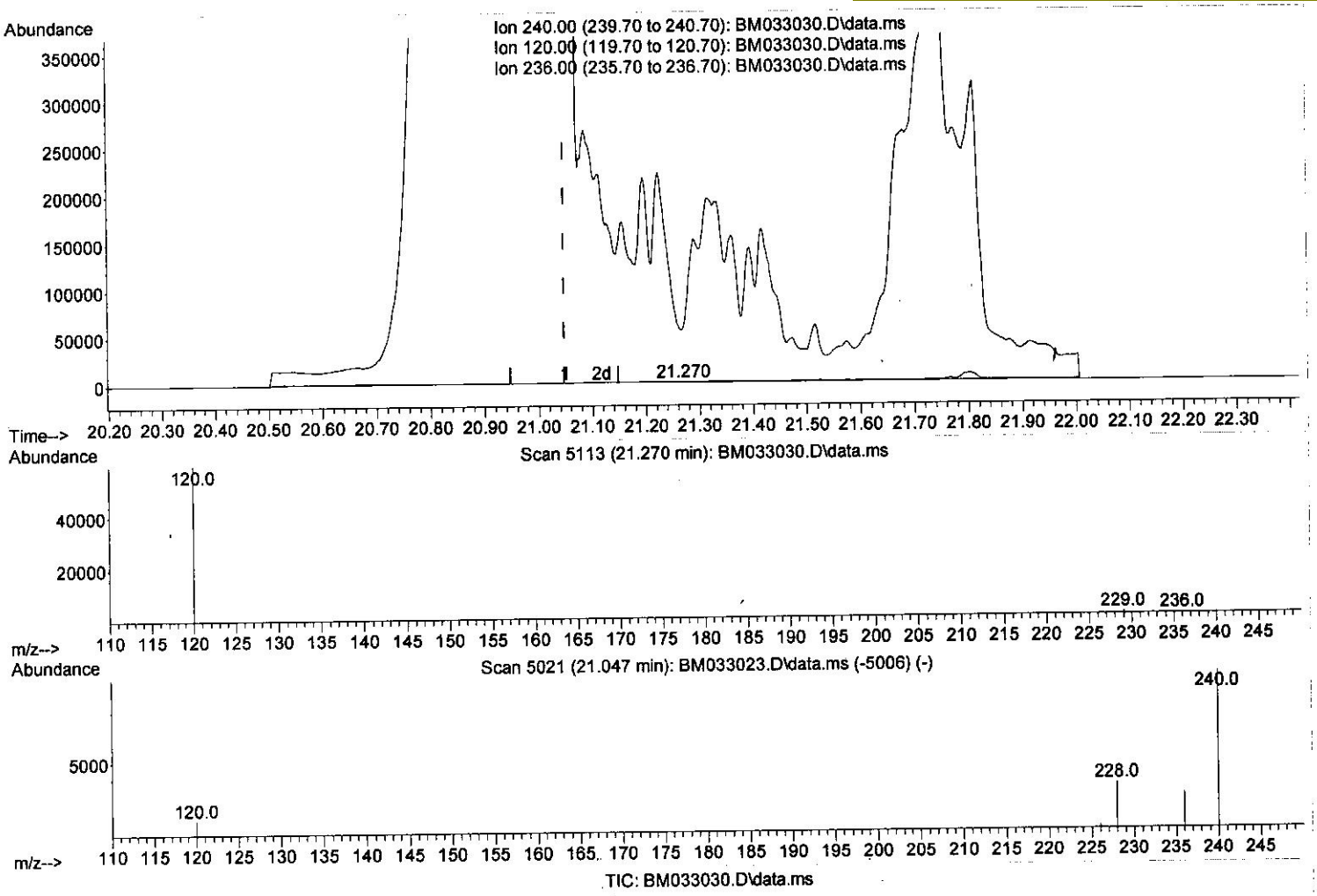
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033030.D
Acq On : 12 Nov 2021 17:03
Operator : CG/JU
Sample : M4615-09
Misc :
ALS Vial : 126 Sample Multiplier: 1

Quant Time: Nov 15 07:35:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 07:34:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V15

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



(17) Chrysene-d12

21.270min (+ 0.223) 0.40 ng/ul m

response 4735

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.20	6327.89#
236.00	29.40	109.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033030.D
Acq On : 12 Nov 2021 17:03
Operator : CG/JU
Sample : M4615-09
Misc :
ALS Vial : 126 Sample Multiplier: 1

Quant Time: Nov 15 07:35:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 07:34:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V15

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
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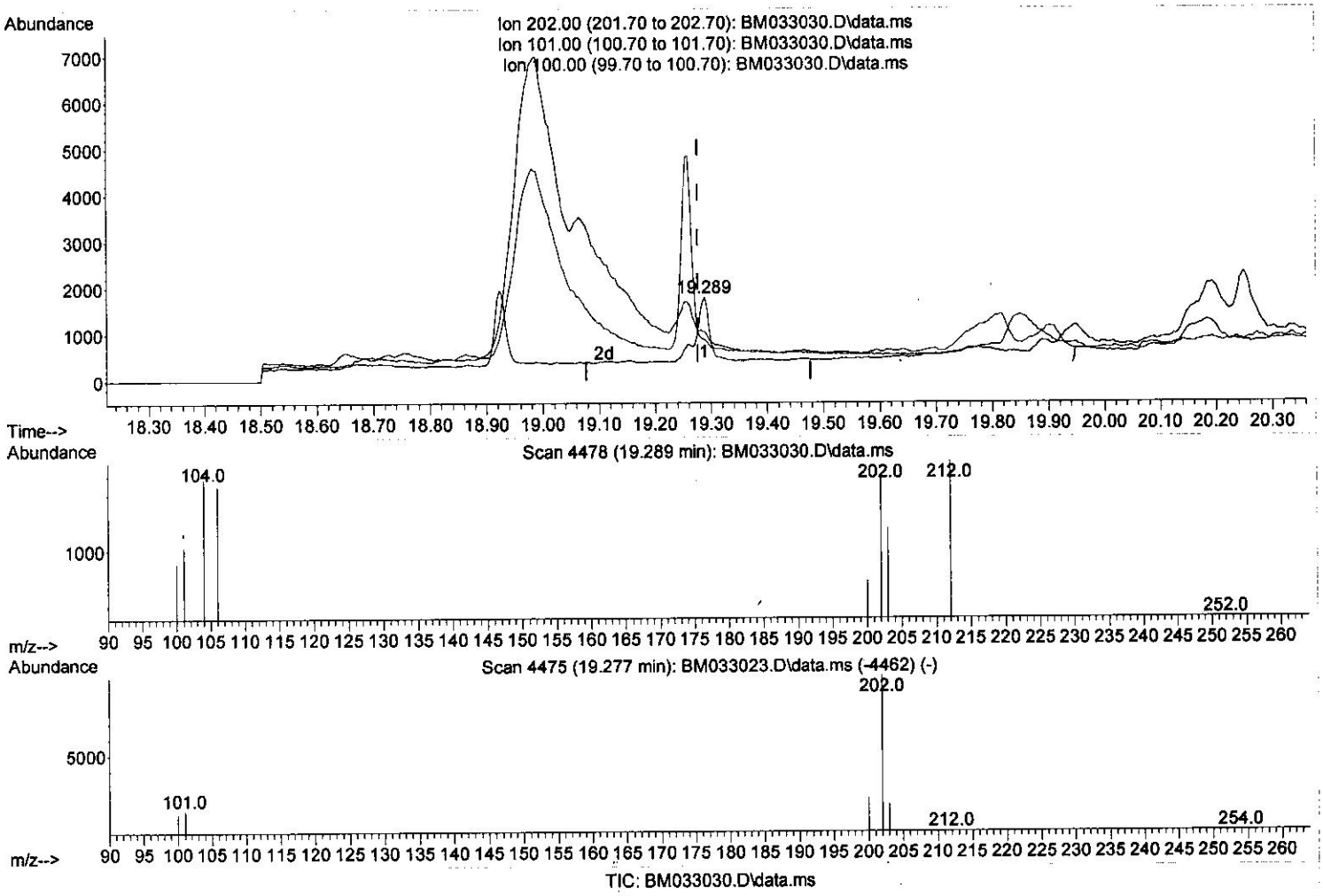


TIC: BM033030.D\data.ms

(20) Pyrene

19.289min (+ 0.011) 3.12 ng/ul

response 2463

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	58.32#
100.00	11.90	48.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

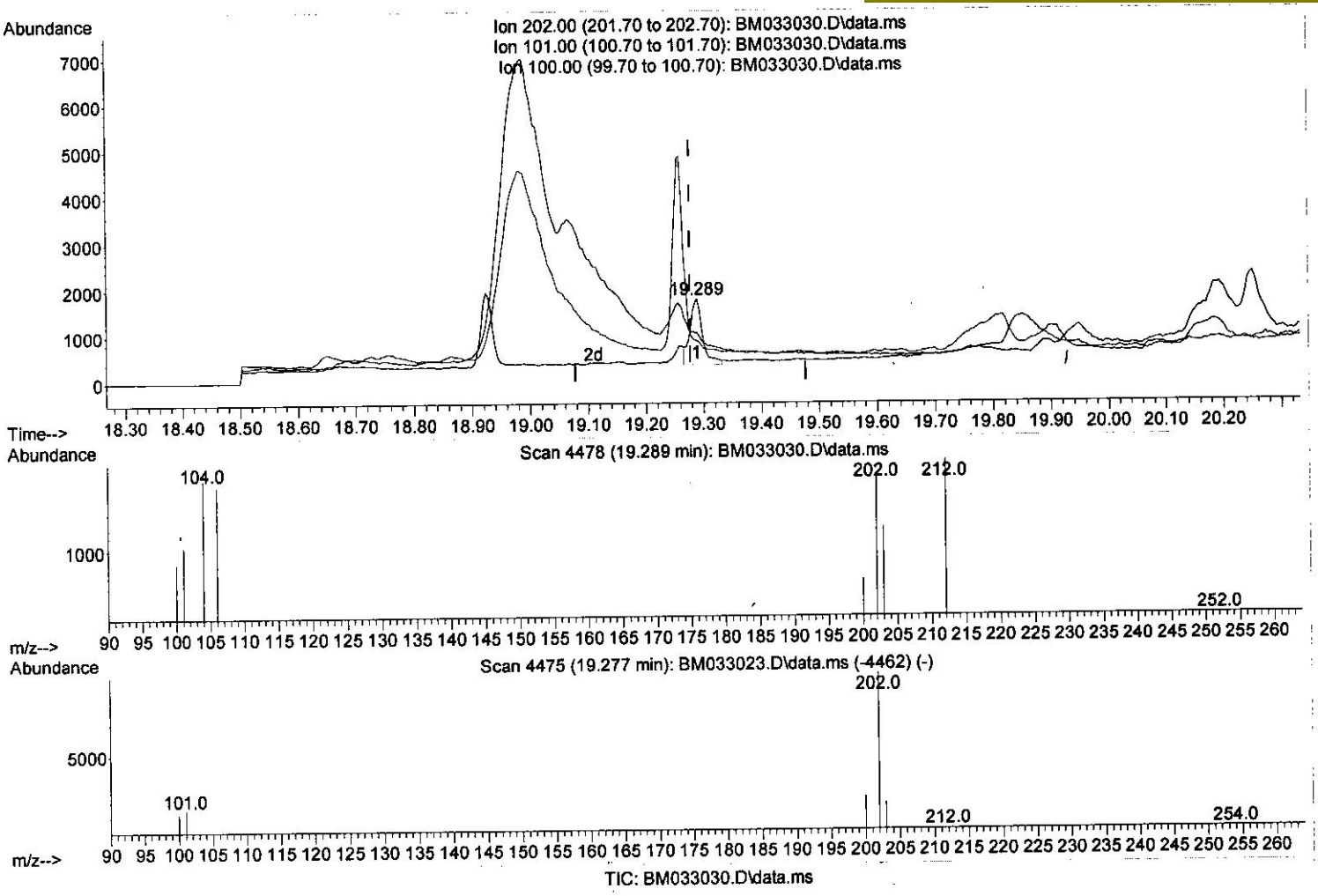
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033030.D
Acq On : 12 Nov 2021 17:03
Operator : CG/JU
Sample : M4615-09
Misc :
ALS Vial : 126 Sample Multiplier: 1

Quant Time: Nov 15 07:35:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 07:34:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V15

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



TIC: BM033030.D\data.ms

(20) Pyrene

19.289min (+ 0.011) 2.70 ng/ul m

response 2131

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	58.32#
100.00	11.90	48.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033030.D
Acq On : 12 Nov 2021 17:03
Operator : CG/JU
Sample : M4615-09
Misc :
ALS Vial : 126 Sample Multiplier: 1

Quant Time: Nov 15 07:35:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 07:34:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V15

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
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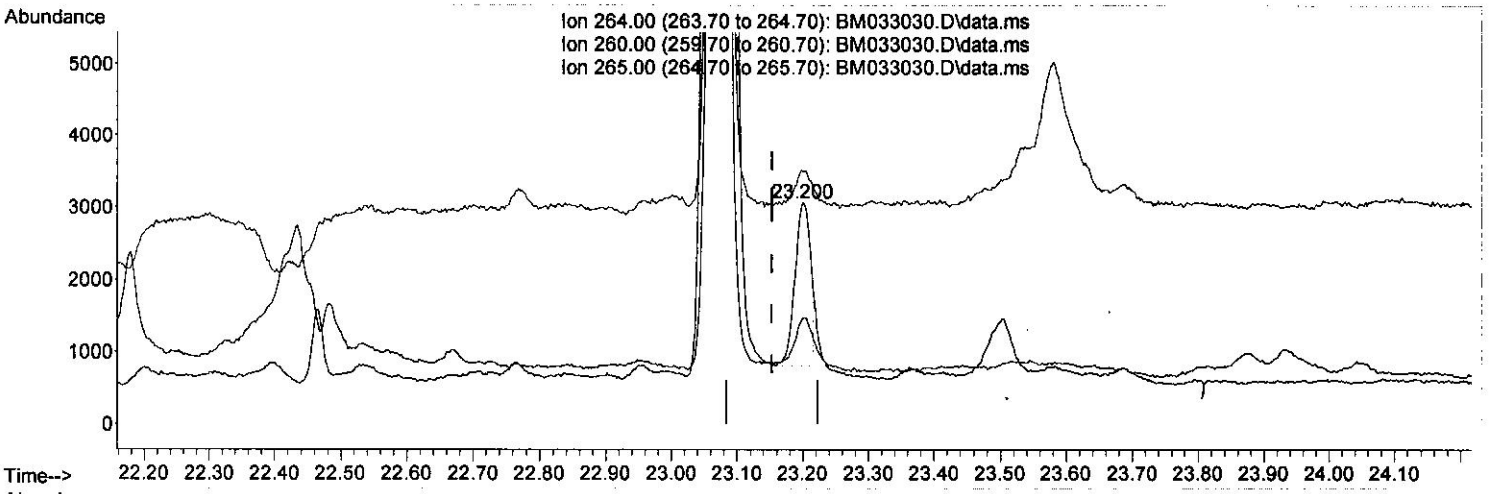
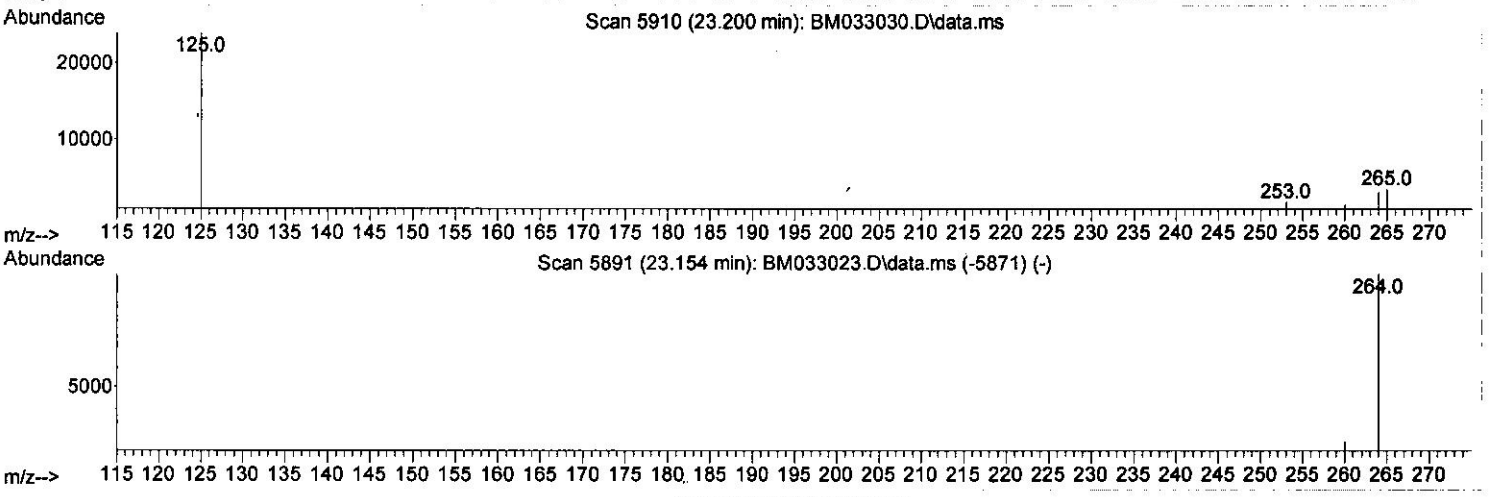




TIC: BM033030.D\data.ms

(23) Perylene-d12 (I)

23.200min (+ 0.046) 0.40 ng/ul

response 3763

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.30	47.99#
265.00	97.90	114.16
0.00	0.00	0.00

Quantitation Report (Qedit)

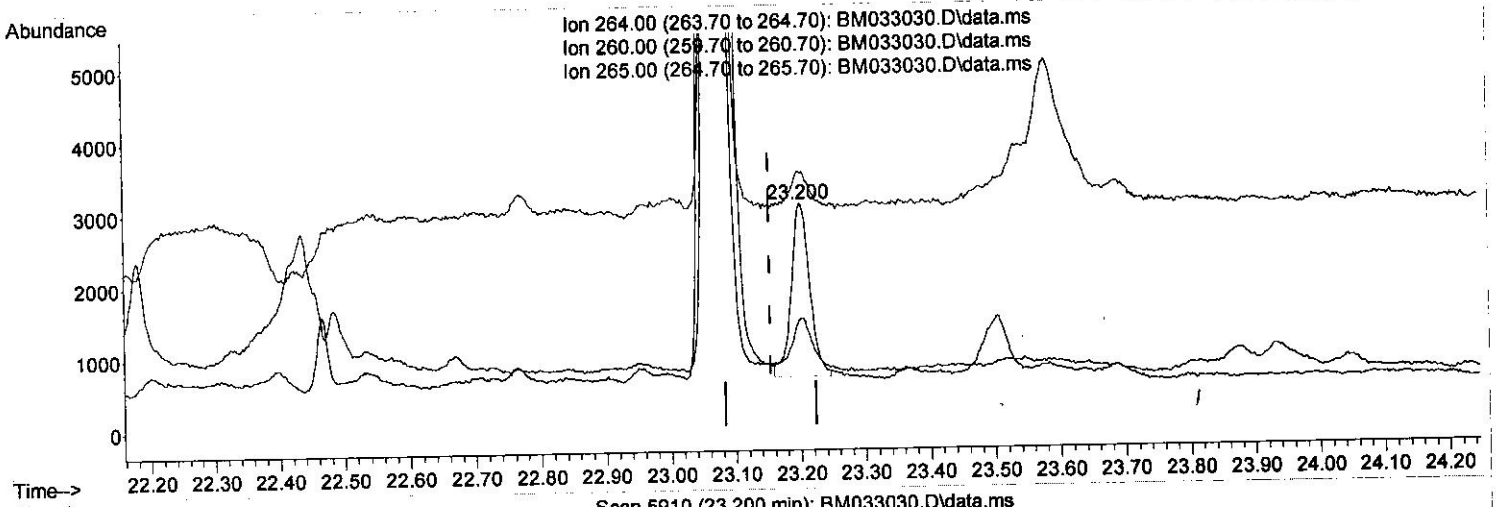
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033030.D
Acq On : 12 Nov 2021 17:03
Operator : CG/JU
Sample : M4615-09
Misc :
ALS Vial : 126 Sample Multiplier: 1

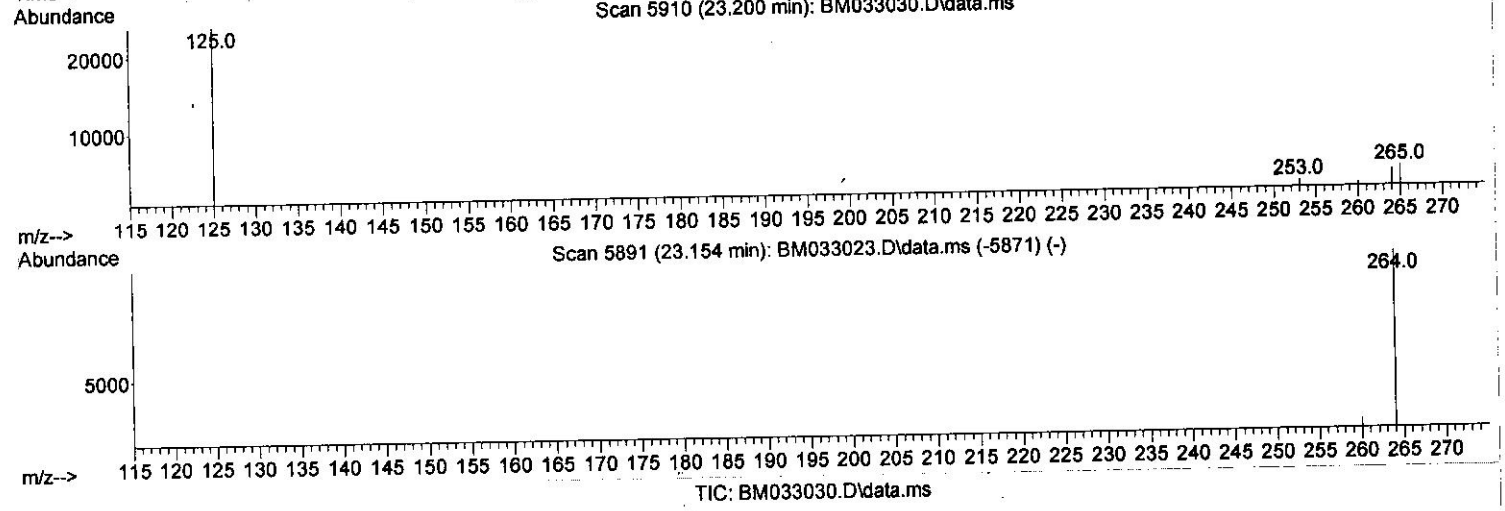
Quant Time: Nov 15 07:35:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 07:34:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0V15

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021





TIC: BM033030.D\data.ms

(23) Perylene-d12 (I)

23.200min (+ 0.046) 0.40 ng/ul m

response 4814

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.30	47.99#
265.00	97.90	114.16
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM033030.D
Acq On : 12 Nov 2021 17:03
Operator : CG/JU
Sample : M4615-09
Misc :
ALS Vial : 126 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0V15

Manual IntegrationsAPPROVED

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QLast Update : Mon Nov 15 07:34:35 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.473	152	33543	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.252	136	7399	0.400	ng/ul	# 0.03
9) Acenaphthene-d10	14.117	164	4890m	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.862	188	7749	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.270	240	4735m	0.400	ng/ul	0.22
23) Perylene-d12	23.200	264	4814m	0.400	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.898	96	3866	0.090	ng/ul	0.04
6) 2-Methylnaphthalene-d10	11.835	152	2584	0.246	ng/ul	0.01
18) Fluoranthene-d10	18.892	212	3427	0.239	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.306	128	1418528	66.024	ng/ul	98
7) 2-Methylnaphthalene	11.907	142	90895	6.107	ng/ul	98
8) 1-Methylnaphthalene	12.132	142	50090	3.437	ng/ul	100
11) Acenaphthene	14.182	153	373	0.020	ng/ul#	85
12) Fluorene	15.167	166	599	0.027	ng/ul#	79
15) Phenanthrene	16.900	178	5923	0.230	ng/ul#	89
19) Fluoranthene	18.923	202	2406	0.108	ng/ul#	1
20) Pyrene	19.289	202	2131m	0.092	ng/ul	

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