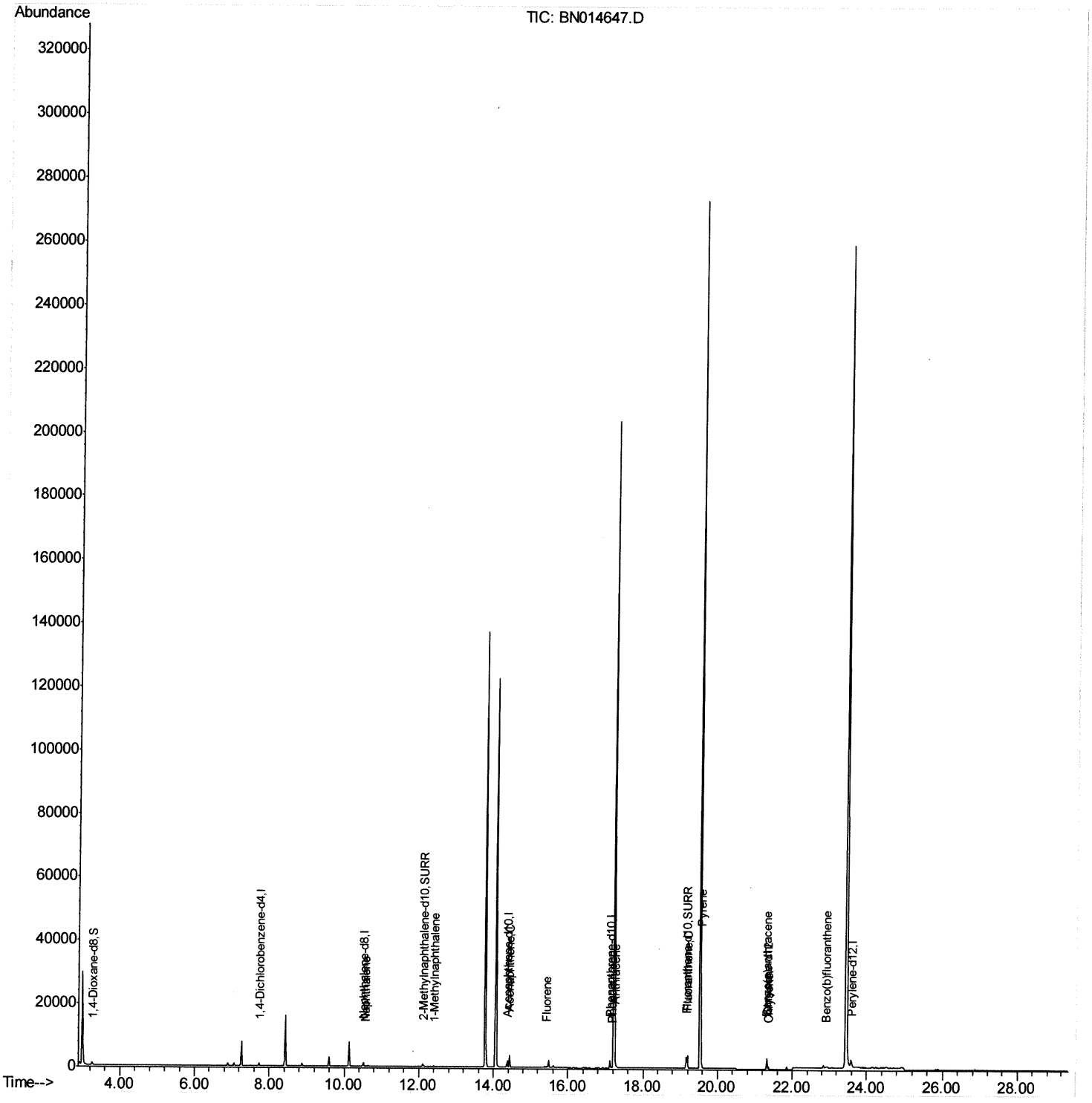
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051421\
Data File : BN014647.D
Acq On : 15 May 2021 13:55
Operator : CG/JU
Sample : M2397-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 16 04:57:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 15:50:11 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BG1Y5

Manual Integrations APPROVED
mohammad
5/17/2021 11:20:46 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051421\
Data File : BN014647.D
Acq On : 15 May 2021 13:55
Operator : CG/JU
Sample : M2397-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 16 01:59:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 15:50:11 2021
Response via : Initial Calibration

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Manual Integrations APPROVED
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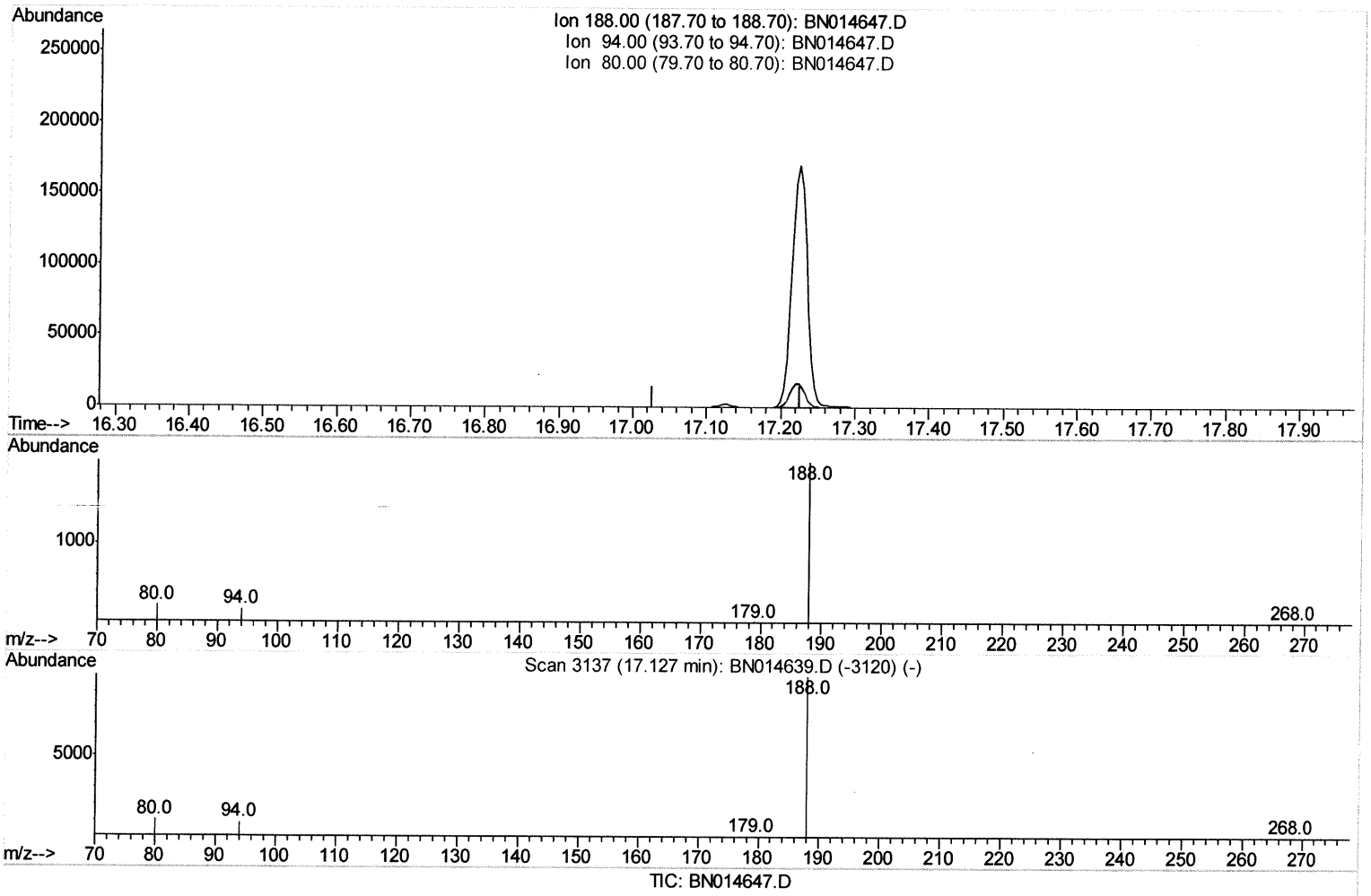

TIC: BN014647.D

(13) Phenanthrene-d10 (I)

17.127min (-17.127) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.10	0.00#
80.00	12.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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mohammad
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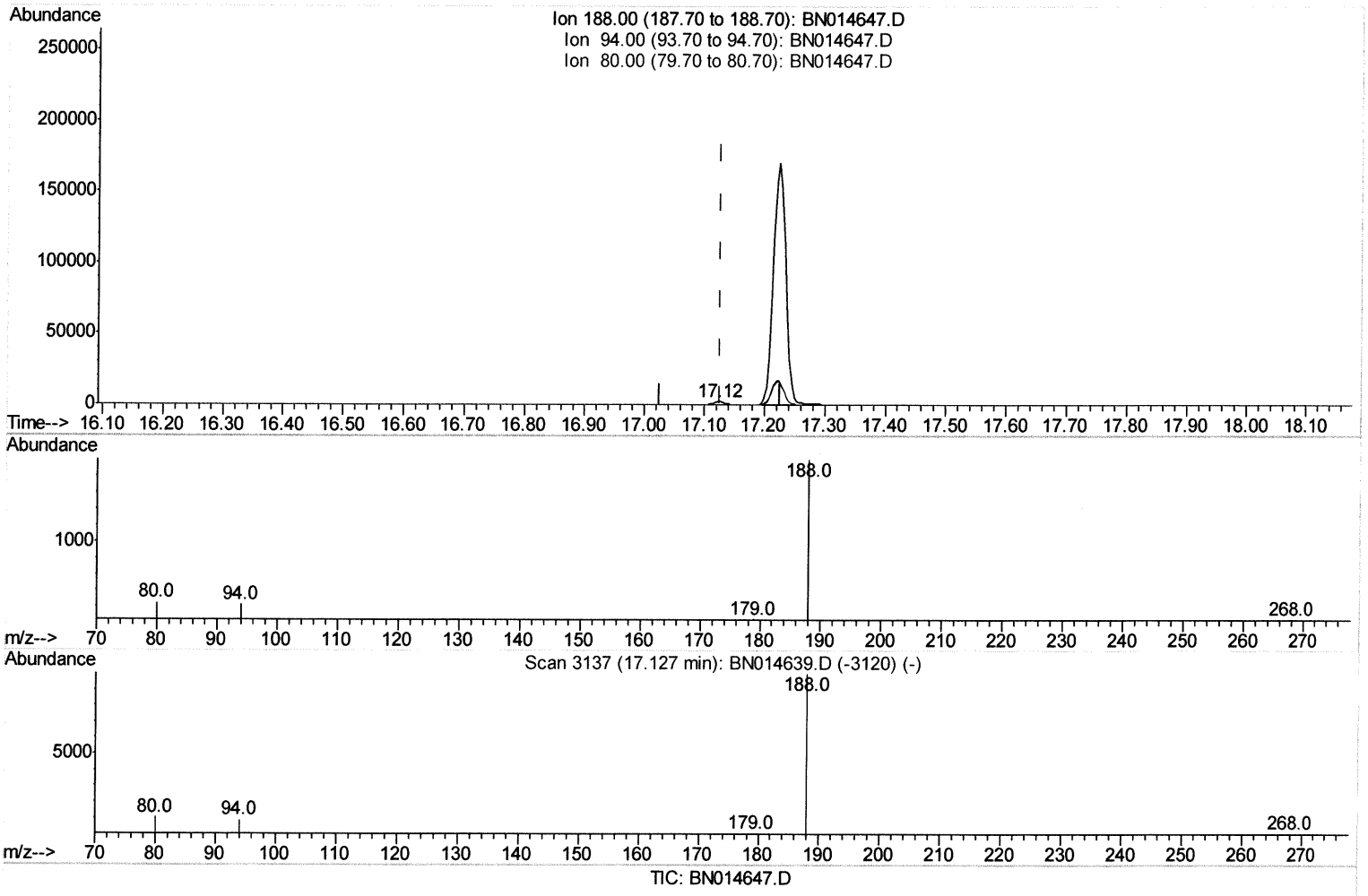


TIC: BN014647.D

(13) Phenanthrene-d10 (I)

17.123min (-0.004) 0.40ng/ul m JU 5/17/21

response 2723

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	11.32
80.00	12.50	12.32
0.00	0.00	0.00

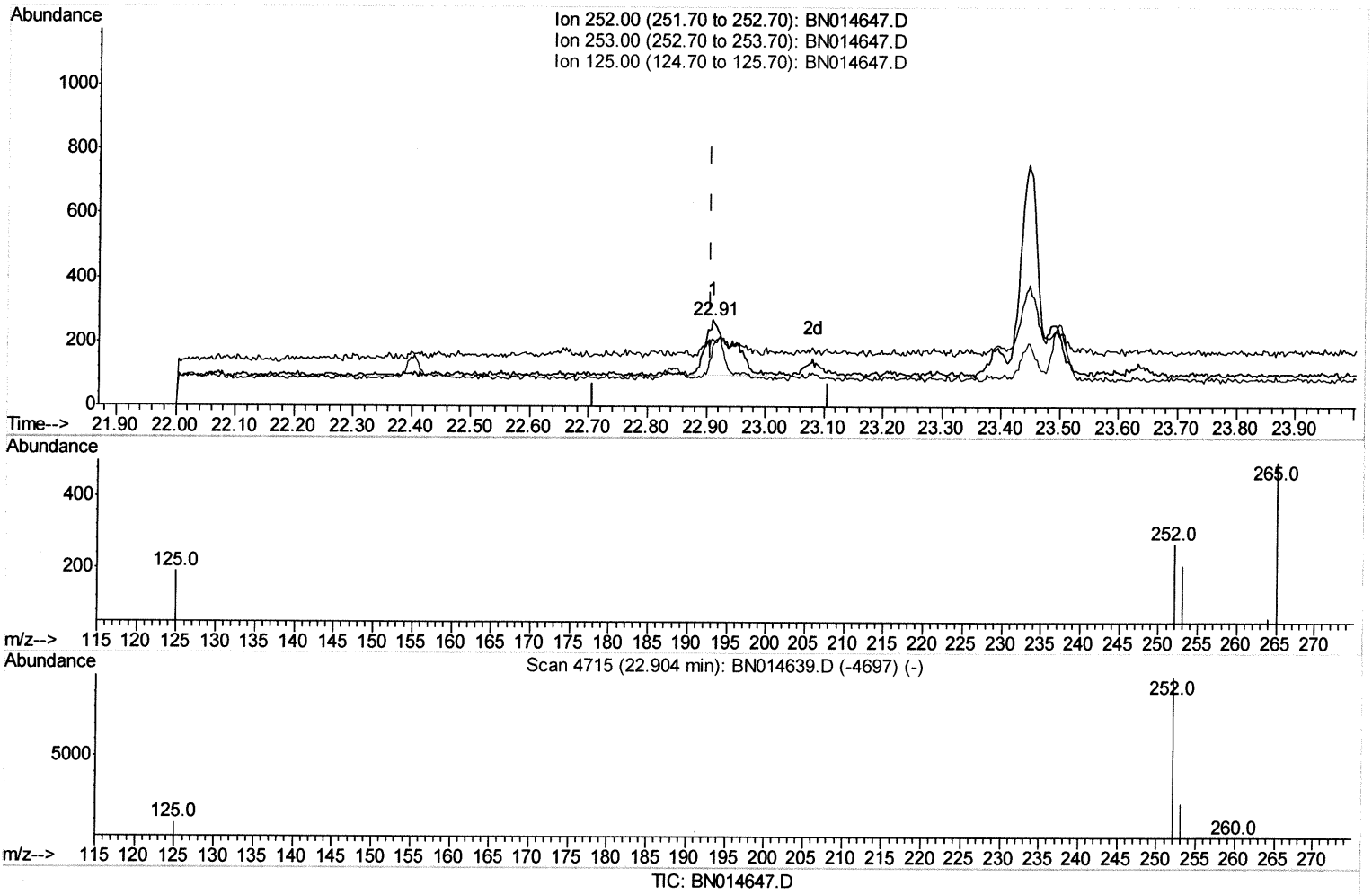
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051421\
Data File : BN014647.D
Acq On : 15 May 2021 13:55
Operator : CG/JU
Sample : M2397-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 16 02:07:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 15:50:11 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BG1Y5

Manual Integrations APPROVED
mohammad
5/17/2021 11:20:46 AM



(24) Benzo(b)fluoranthene

22.911min (+0.003) 0.04ng/ul

response 561

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	77.78#
125.00	9.70	70.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051421\
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Operator : CG/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 16 02:07:06 2021
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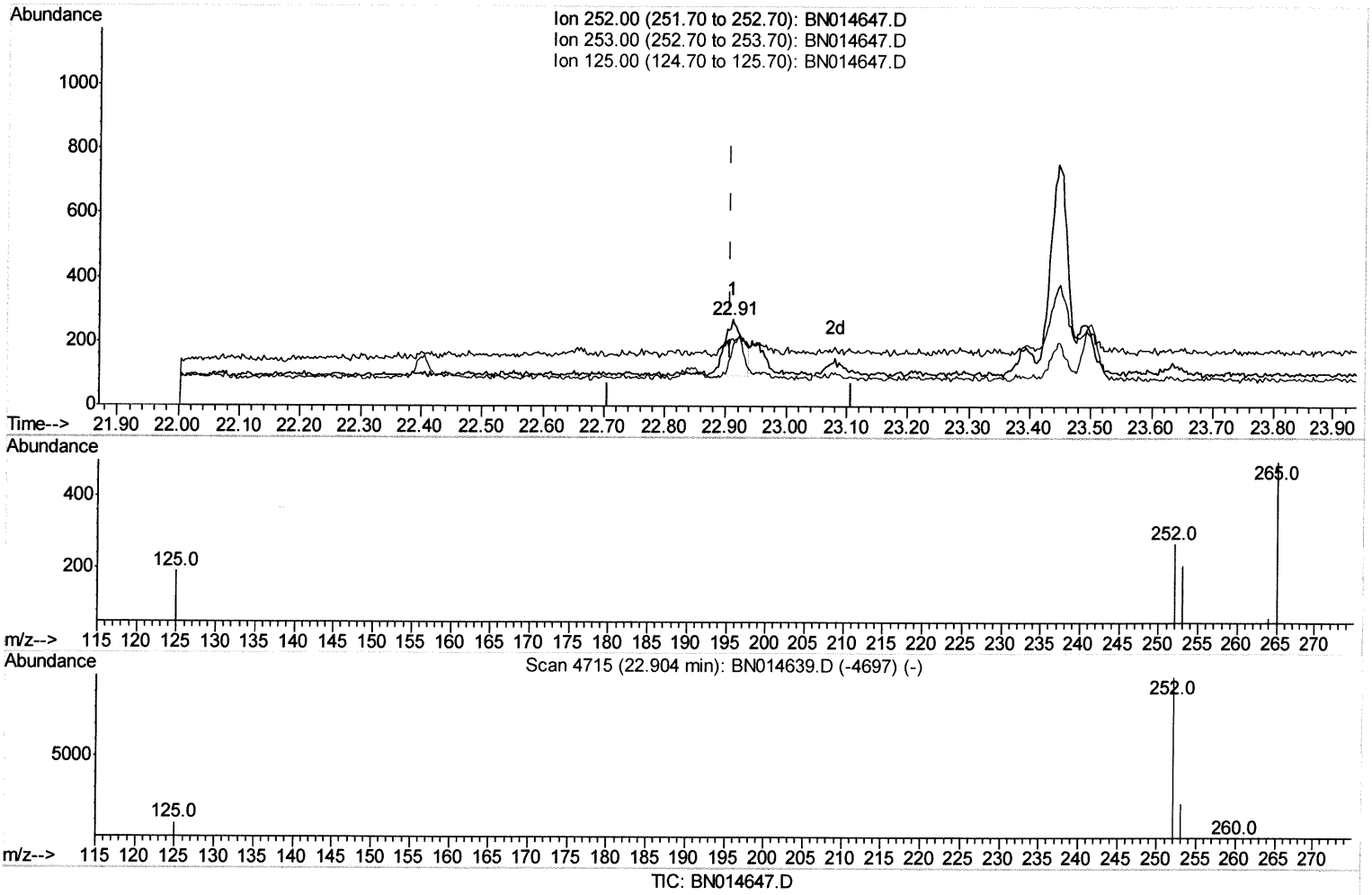
BNA_N
ClientSampleId :
BG1Y5

Manual Integrations APPROVED
mohammad
5/17/2021 11:20:46 AM



(24) Benzo(b)fluoranthene

22.911min (+0.003) 0.03ng/ul m JY 5/17/21

response 388

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	77.78#
125.00	9.70	70.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 15 May 2021 13:55
Operator : CG/JU
Sample : M2397-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 16 02:10:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 15:50:11 2021
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BNA_N
ClientSampleId :
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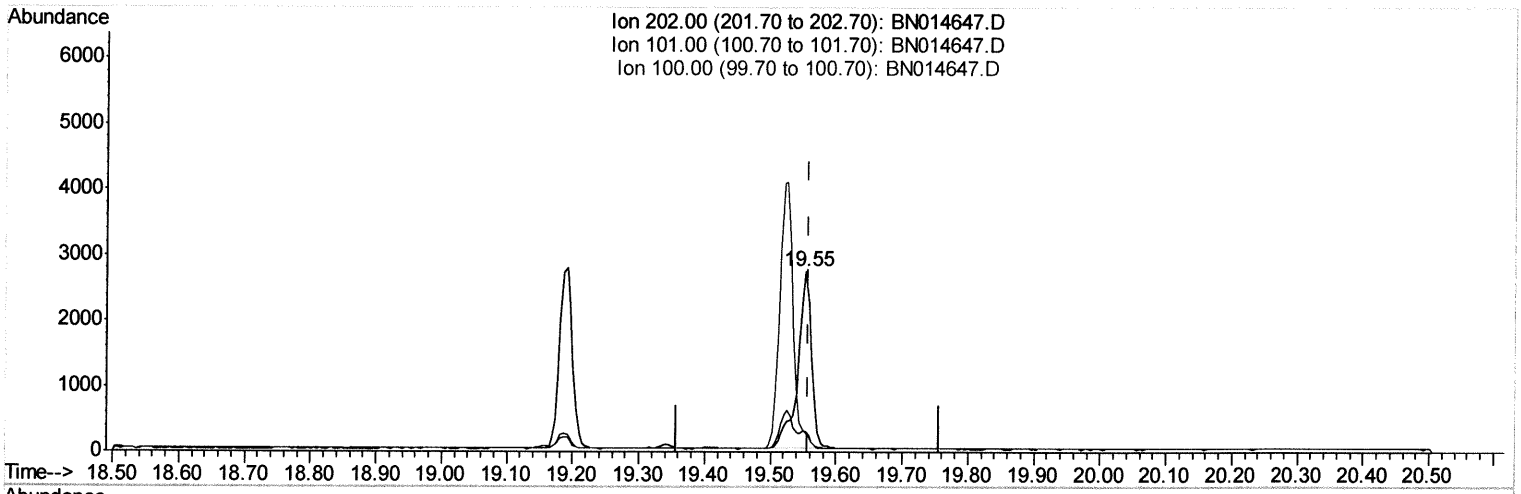
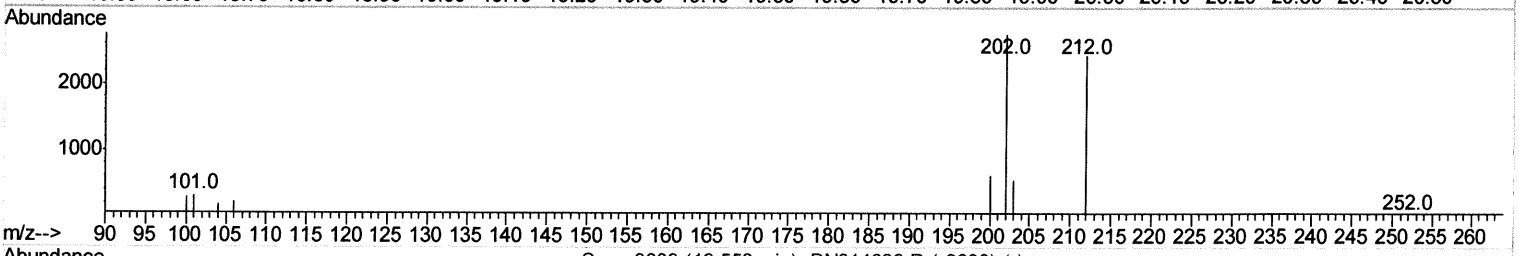
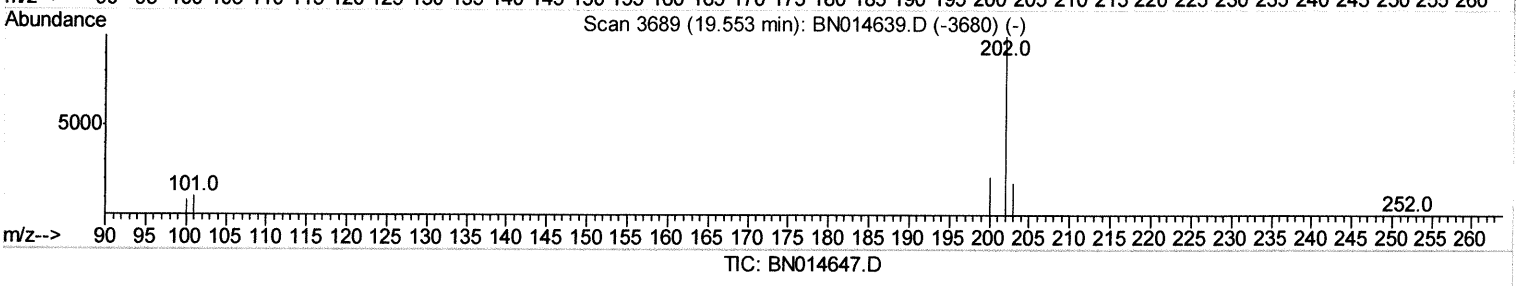
Manual Integrations APPROVED
mohammad
5/17/2021 11:20:46 AM







TIC: BN014647.D

(20) Pyrene

19.554min (-0.004) 0.42ng/ul

response 4009

Ion	Exp%	Act%
202.00	100	100
101.00	10.60	11.46
100.00	9.30	10.80
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : M2397-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

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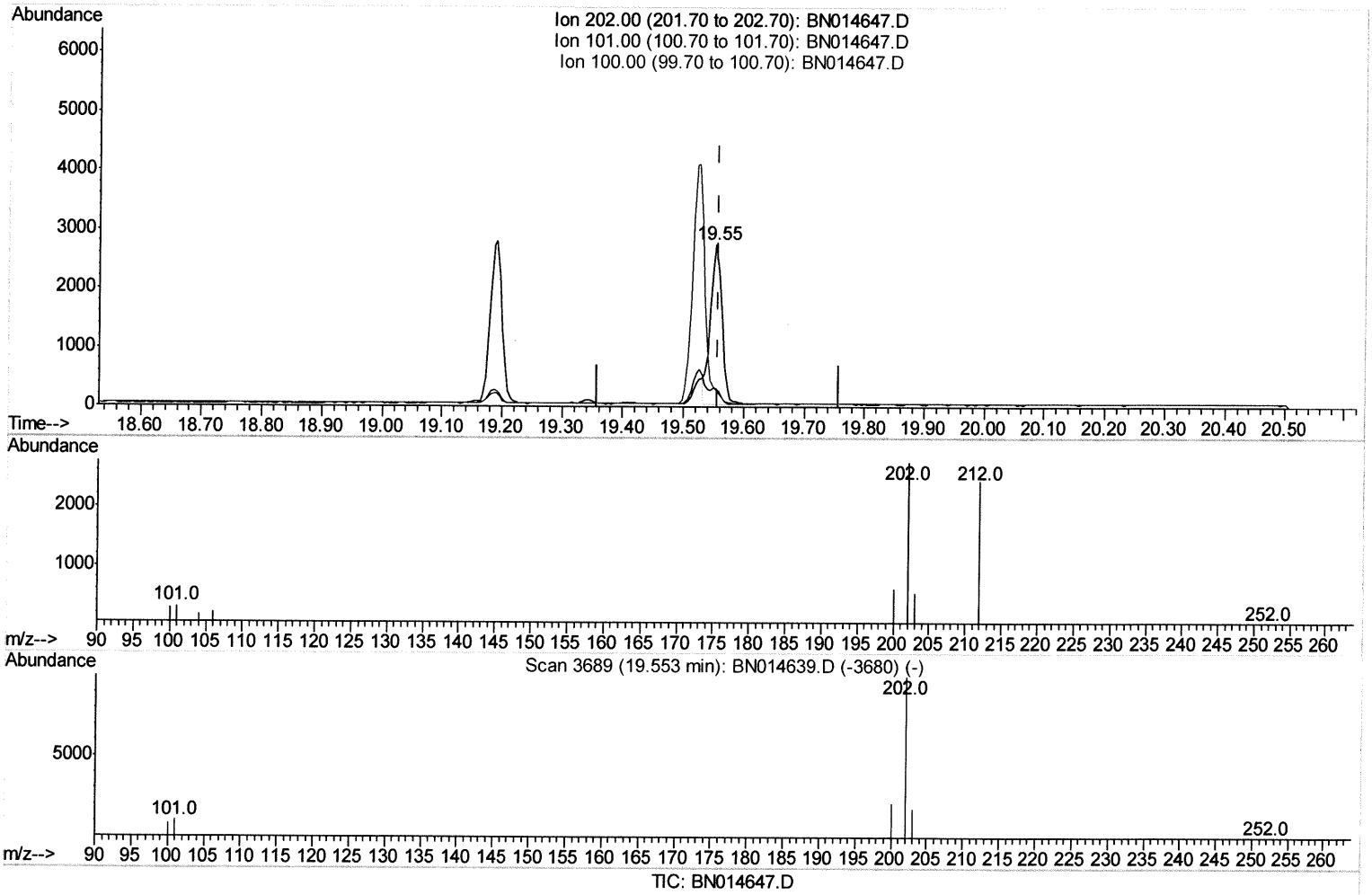
Instrument :
BNA_N
ClientSampleId :
BG1Y5

Manual Integrations APPROVED
mohammad
5/17/2021 11:20:46 AM



TIC: BN014647.D

(20) Pyrene

19.554min (-0.004) 0.37ng/ul m

response 3562

JG 5/17/21

Ion	Exp%	Act%
202.00	100	100
101.00	10.60	11.46
100.00	9.30	10.80
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	434	0.40	ng/ul	0.00
4) Naphthalene-d8	10.51	136	1522	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1178	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.12	188	2723m	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	3039	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	3176	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	698	1.57	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.11	152	1014	0.39	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	3837	0.50	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.56	128	109	0.025	ng/ul#	25
8) 1-Methylnaphthalene	12.40	142	113	0.037	ng/ul	97
11) Acenaphthene	14.44	153	2166	0.534	ng/ul	98
12) Fluorene	15.43	166	293	0.059	ng/ul#	93
15) Phenanthrene	17.17	178	384	0.045	ng/ul#	74
16) Anthracene	17.26	178	165	0.025	ng/ul#	52
19) Fluoranthene	19.19	202	3802	0.403	ng/ul	99
20) Pyrene	19.55	202	3562m	0.373	ng/ul	
21) Benzo(a)anthracene	21.31	228	582	0.061	ng/ul#	82
22) Chrysene	21.36	228	640	0.058	ng/ul#	85
24) Benzo(b)fluoranthene	22.91	252	388m	0.028	ng/ul	

JU 5/17/21

JU 5/17/21

JU 5/17/21

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