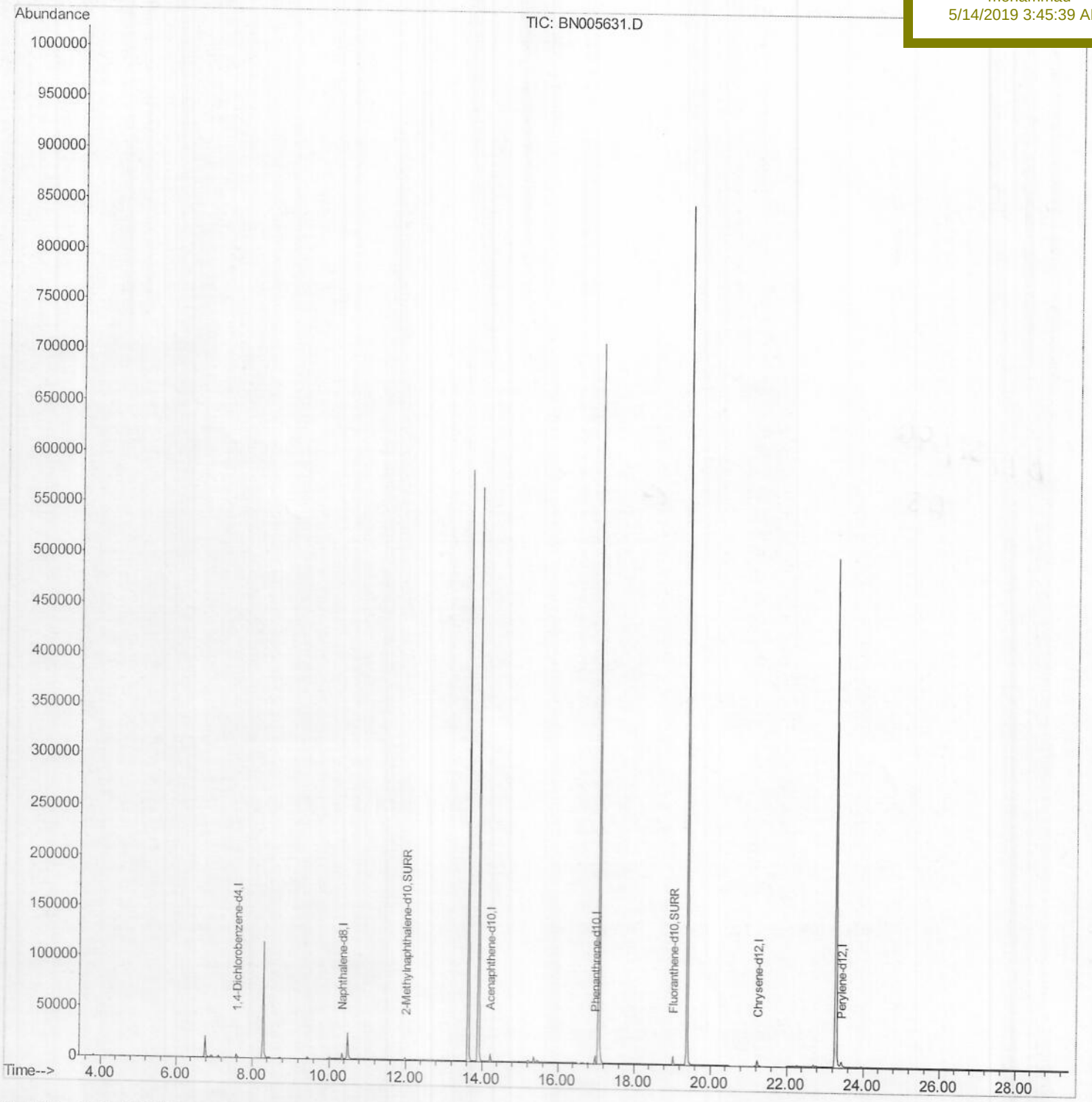
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005631.D
Acq On : 11 May 2019 17:49
Operator : JU/SJ
Sample : PB119393BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 12 00:55:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK93

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:39 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005631.D
Acq On : 11 May 2019 17:49
Operator : JU/SJ
Sample : PB119393BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 12 00:39:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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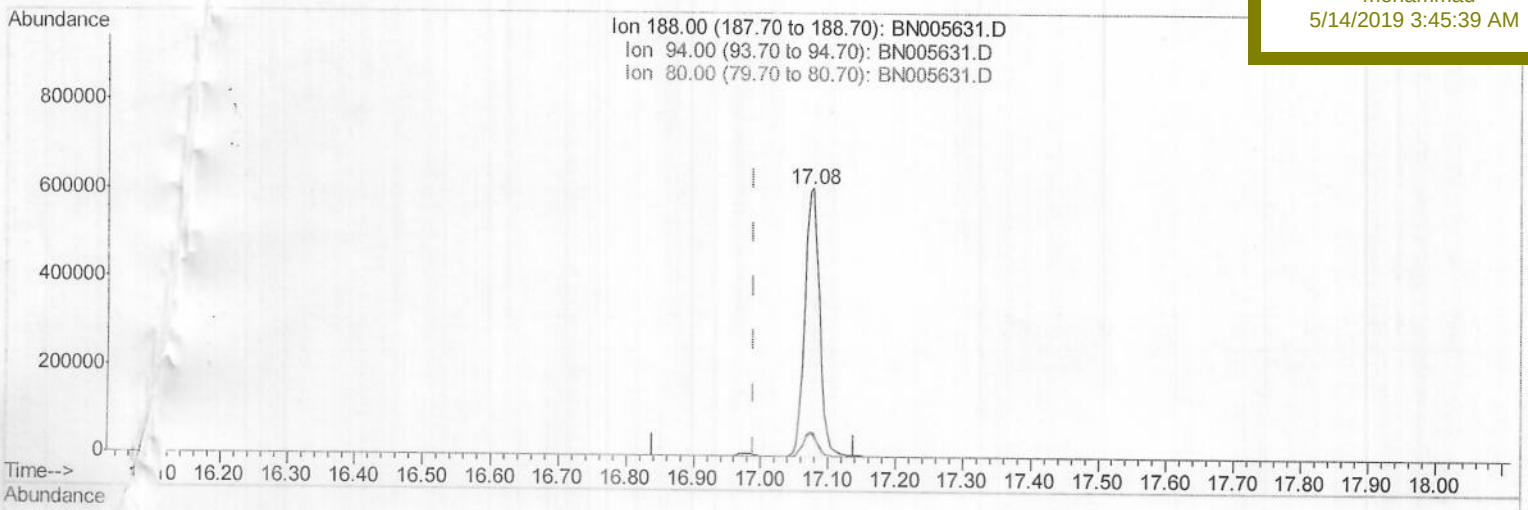
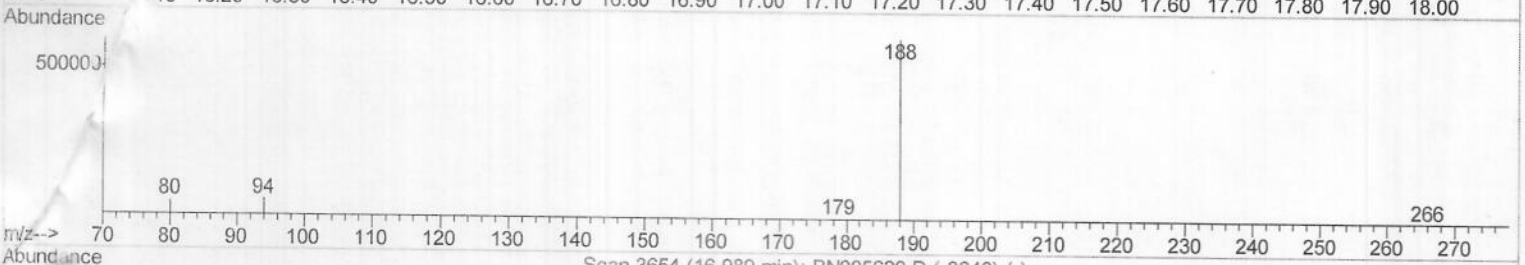
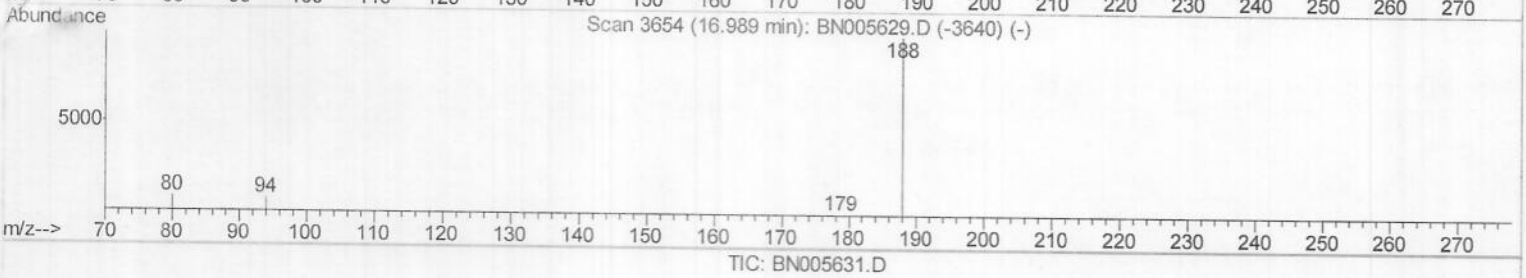
Manual Integrations APPROVED
mohammad
5/14/2019 3:45:39 AM







(10) Phenanthrene-d10 (I)

17.078min (+0.089) 0.40ng/ul

response 914637

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.67
80.00	9.80	7.85
0.00	0.00	0.00

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ClientSampleId :
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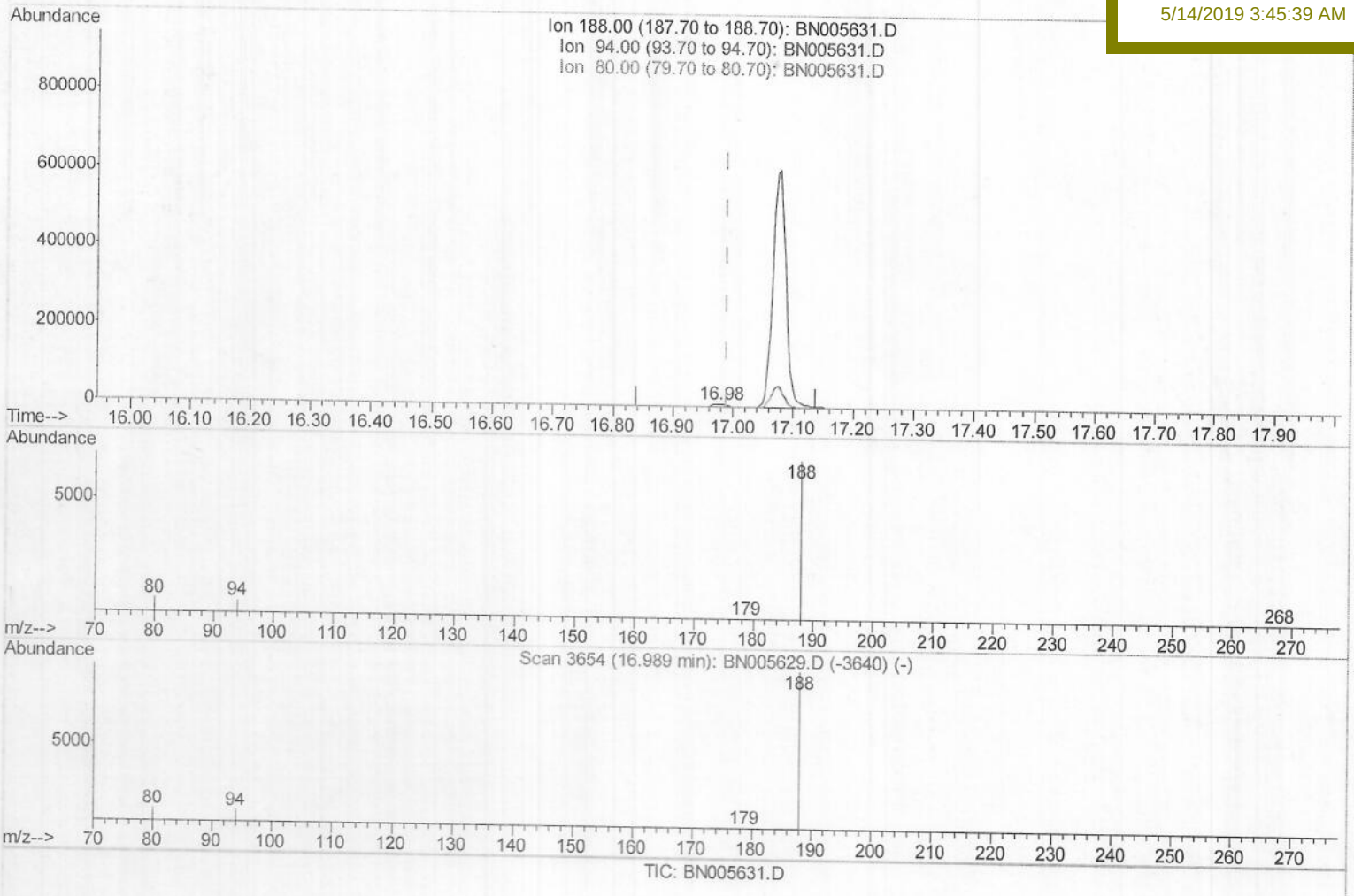
Manual Integrations APPROVED
mohammad
5/14/2019 3:45:39 AM



(10) Phenanthrene-d10 (I)

16.976min (-0.013) 0.40ng/ul m JV 05/14/19

response 10176

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.24
80.00	9.80	9.22
0.00	0.00	0.00

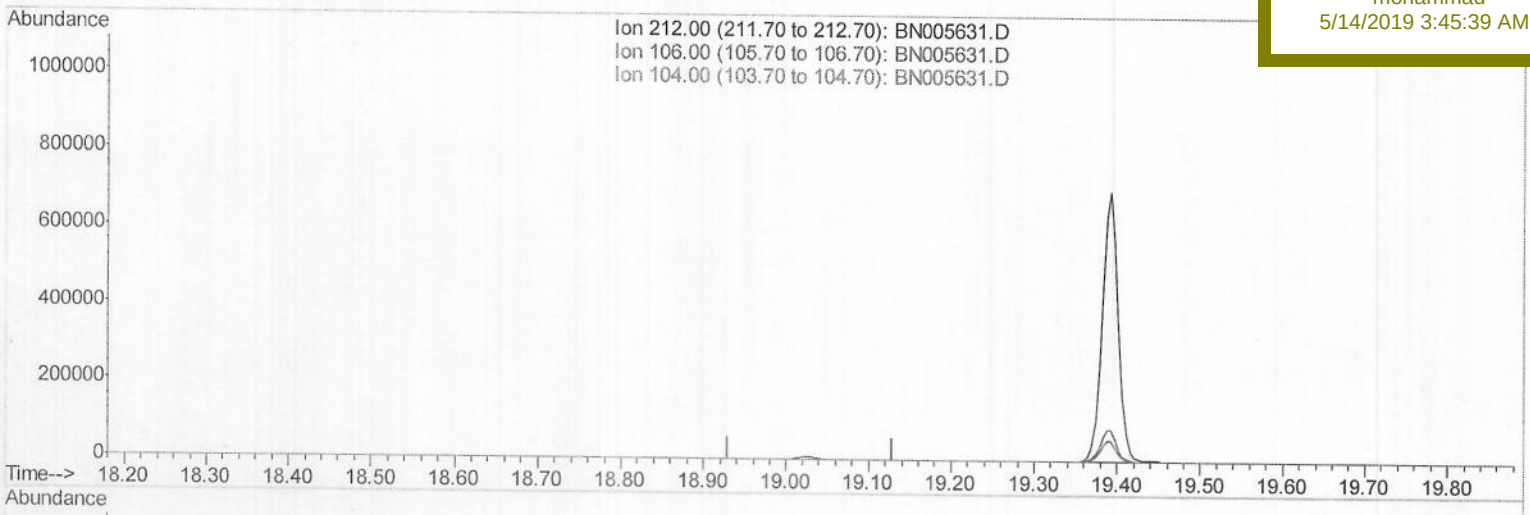
Quantitation Report (Qedit)

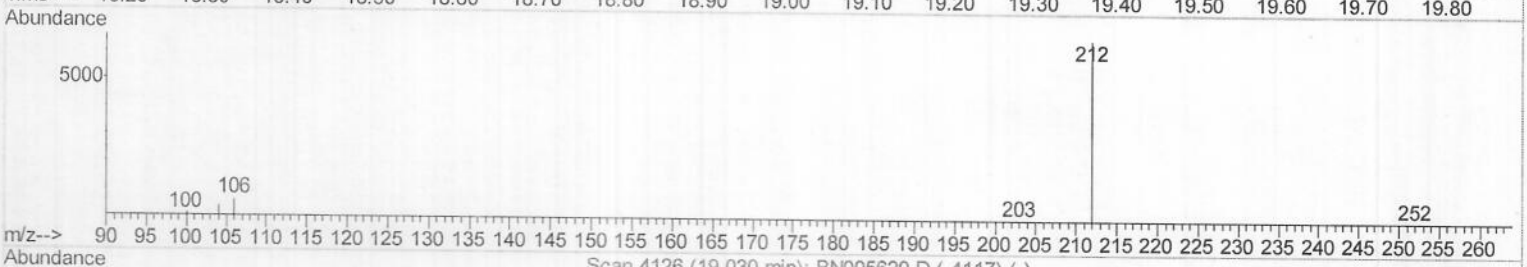
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005631.D
Acq On : 11 May 2019 17:49
Operator : JU/SJ
Sample : PB119393BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

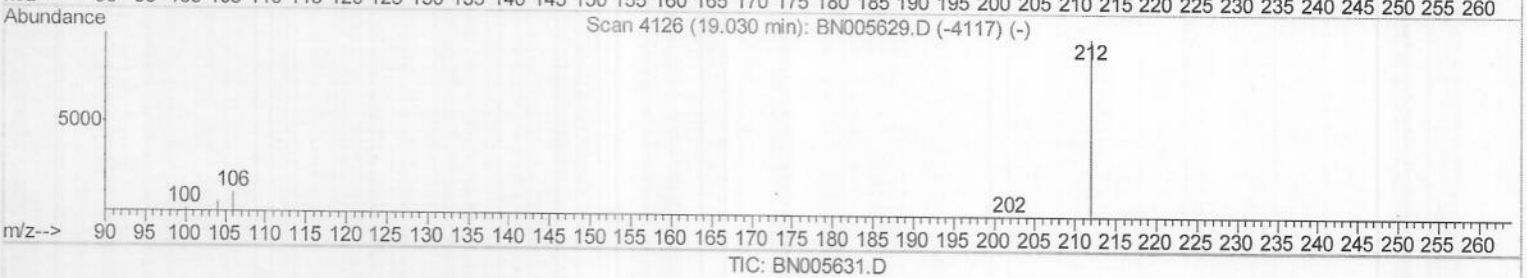
Quant Time: May 12 00:53:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK93

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:39 AM







TIC: BN005631.D

(14) Fluoranthene-d10 (SURR)

19.030min (-19.030) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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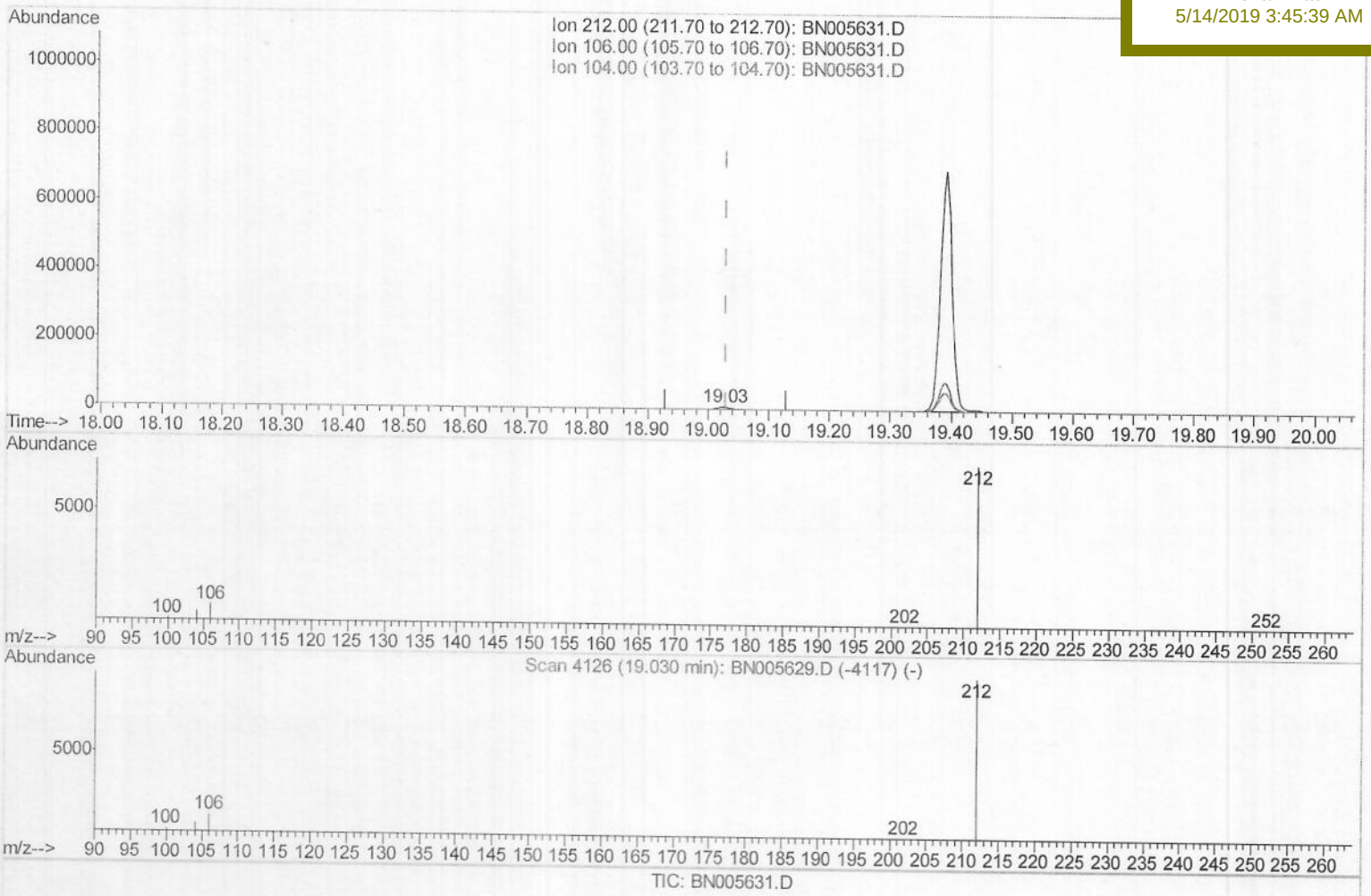
Acq On : 11 May 2019 17:49
Operator : JU/SJ
Sample : PB119393BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 12 00:53:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK93

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:39 AM



(14) Fluoranthene-d10 (SURR)

19.025min (-0.005) 0.32ng/ul m > JU 05/14/19

response 10231

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

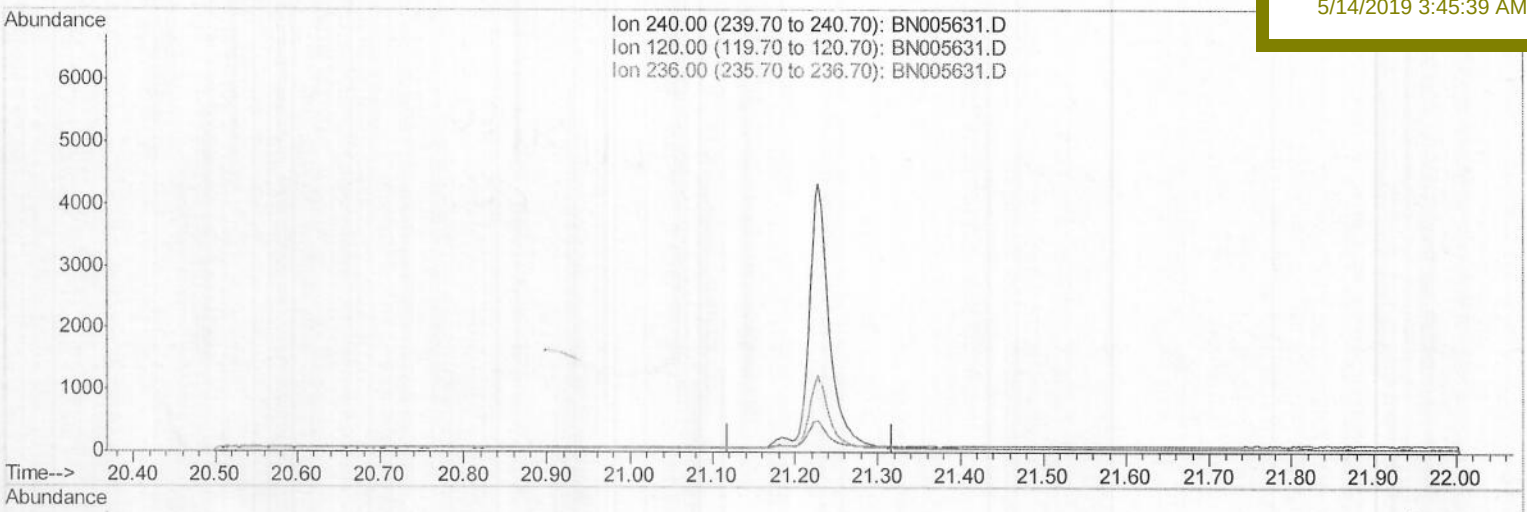
Quantitation Report (Qedit)

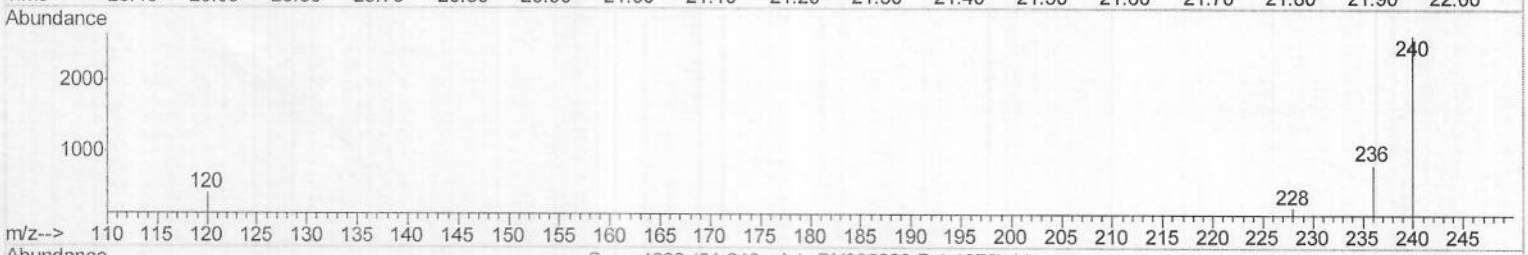
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005631.D
Acq On : 11 May 2019 17:49
Operator : JU/SJ
Sample : PB119393BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

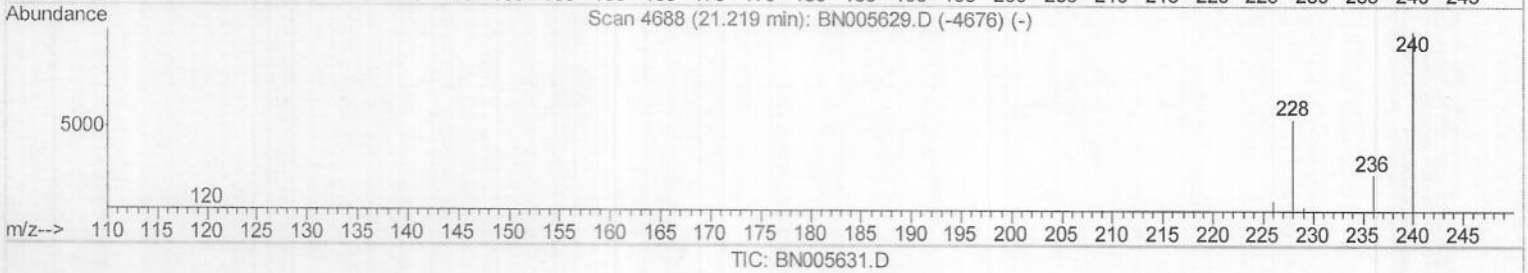
Quant Time: May 12 00:53:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK93

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:39 AM







TIC: BN005631.D

(16) Chrysene-d12 (I)

21.219min (-21.219) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	11.90	0.00#
236.00	28.00	0.00#
0.00	0.00	0.00

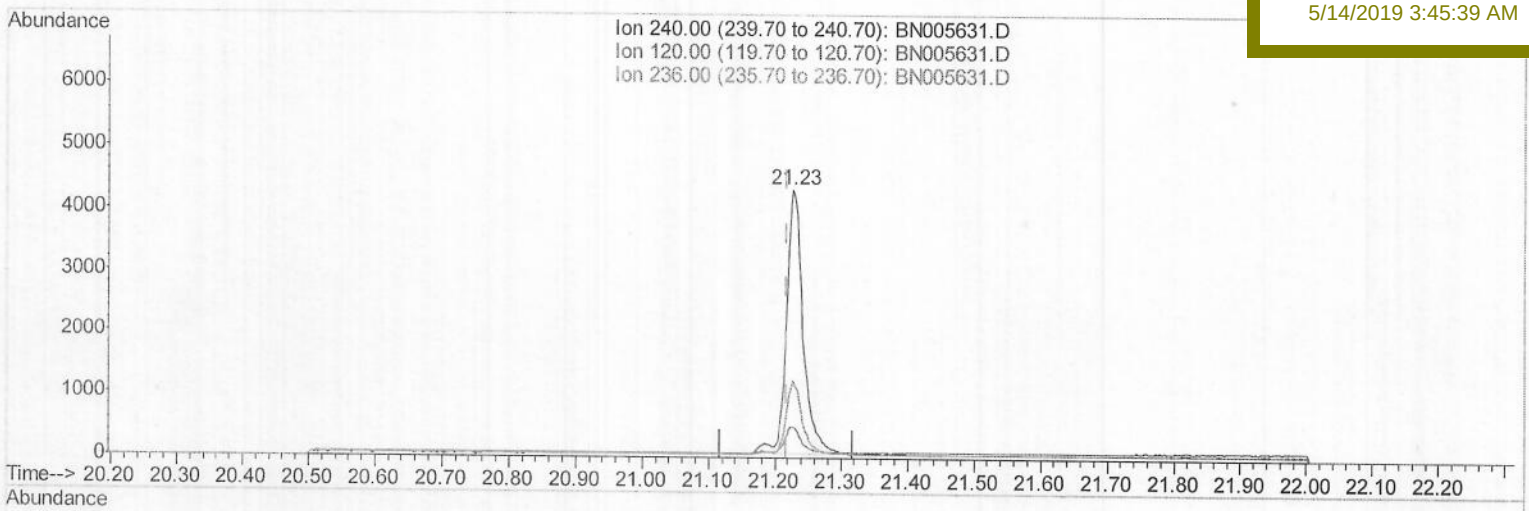
Quantitation Report (Qedit)

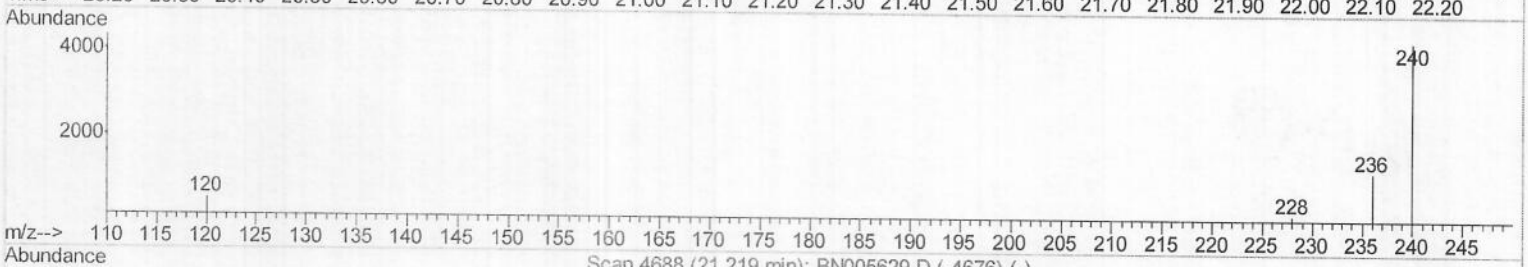
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005631.D
Acq On : 11 May 2019 17:49
Operator : JU/SJ
Sample : PB119393BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

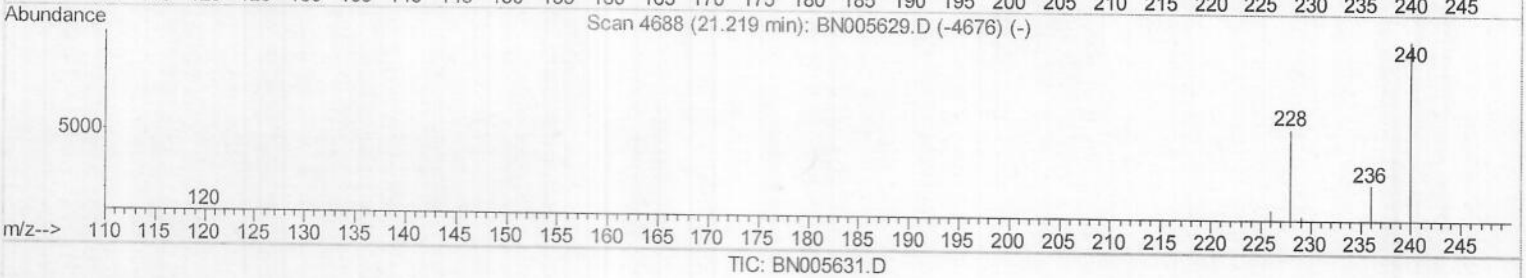
Quant Time: May 12 00:53:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK93

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:39 AM







TIC: BN005631.D

(16) Chrysene-d12 (I)

21.227min (+0.009) 0.40ng/ul m JU 05/14/19

response 7193

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	11.24
236.00	28.00	28.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005631.D
Acq On : 11 May 2019 17:49
Operator : JU/SJ
Sample : PB119393BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 12 00:53:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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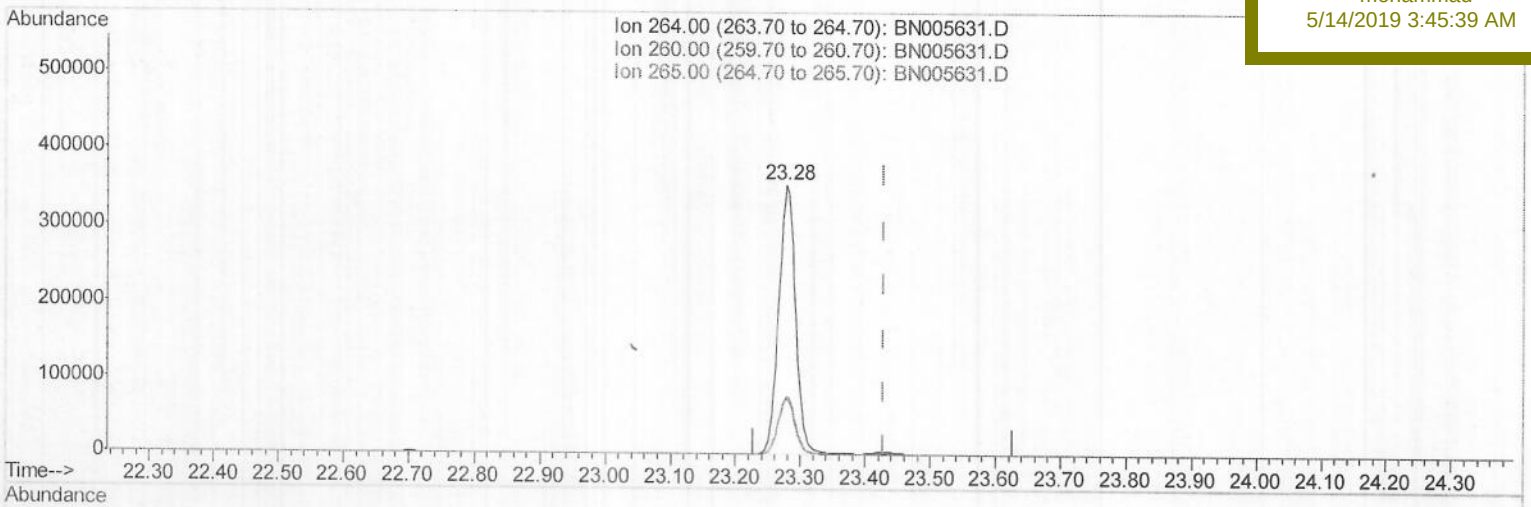
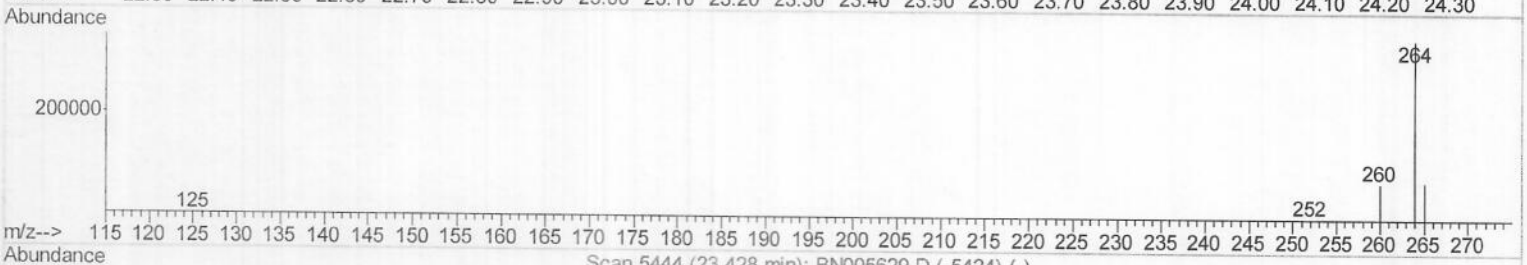
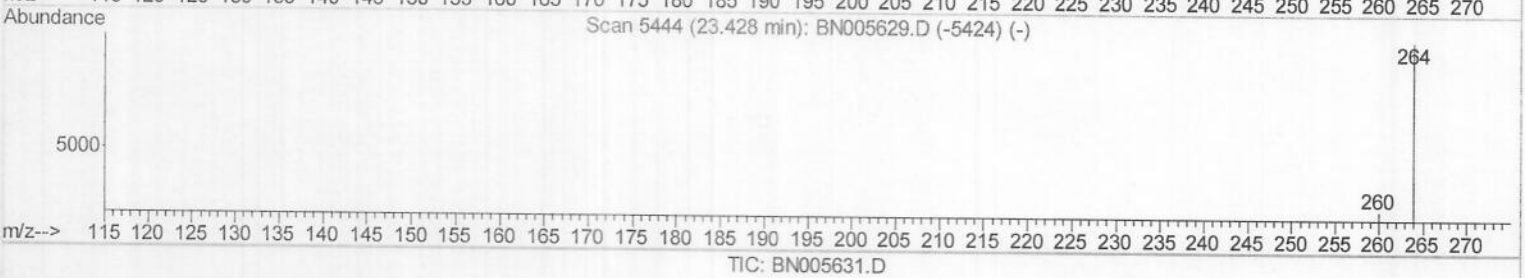
Instrument :
BNA_N
ClientSampleId :
SBLK93

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:39 AM







TIC: BN005631.D

(20) Perylene-d12 (I)

23.279min (-0.149) 0.40ng/ul

response 644692

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.57
265.00	31.70	21.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : JU/SJ
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ClientSampleId :
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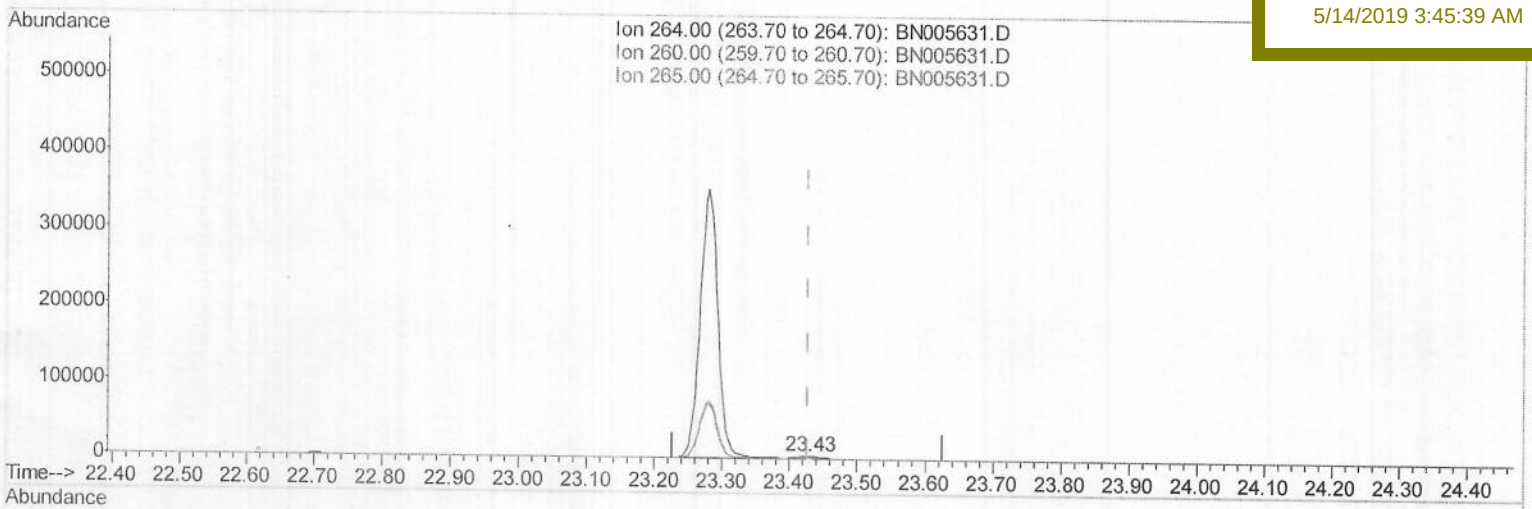
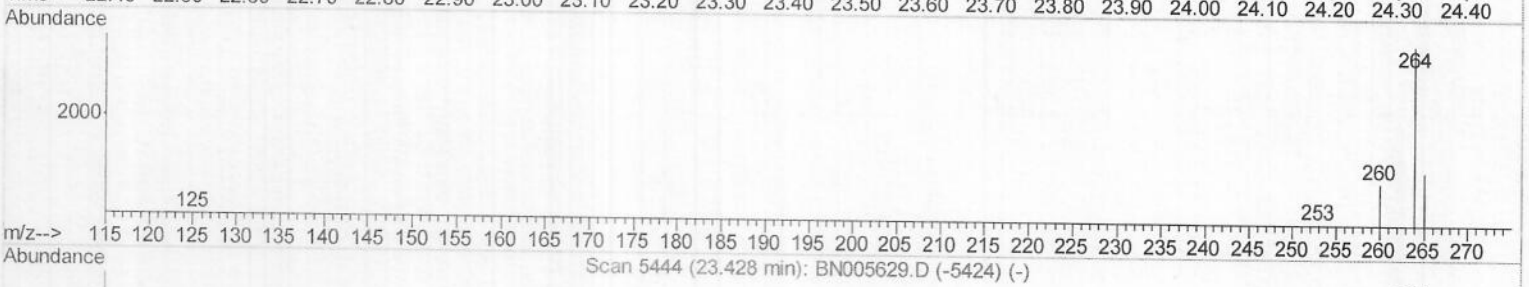
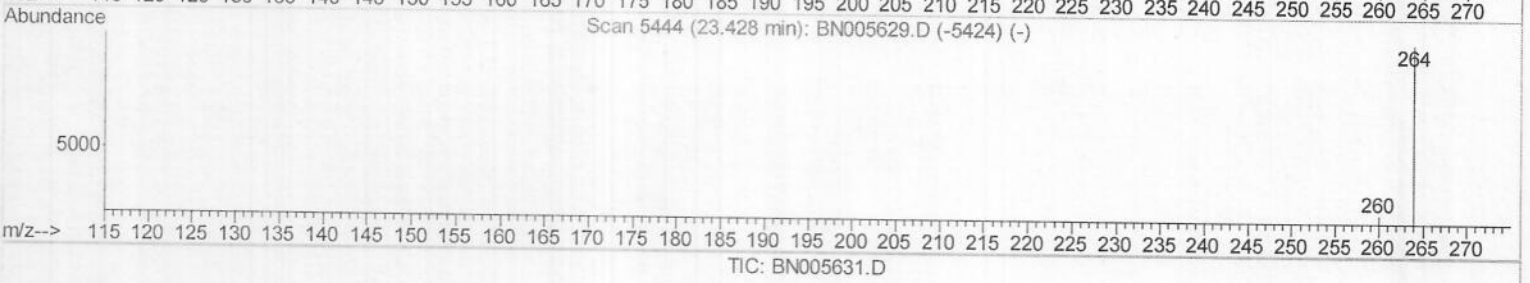
Manual Integrations APPROVED
mohammad
5/14/2019 3:45:39 AM







(20) Perylene-d12 (I)

23.428min (-0.000) 0.40ng/ul m > JU 05/14/19

response 5554

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	26.11
265.00	31.70	32.30
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
mohammad
5/14/2019 3:45:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1889	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	7452	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	4581	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	10176m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	7193m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5554m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4067	0.35	ng/ul	0.02
14) Fluoranthene-d10	19.03	212	10231m	0.32	ng/ul	0.00

JV 05/14/19

Target Compounds	Qvalue

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