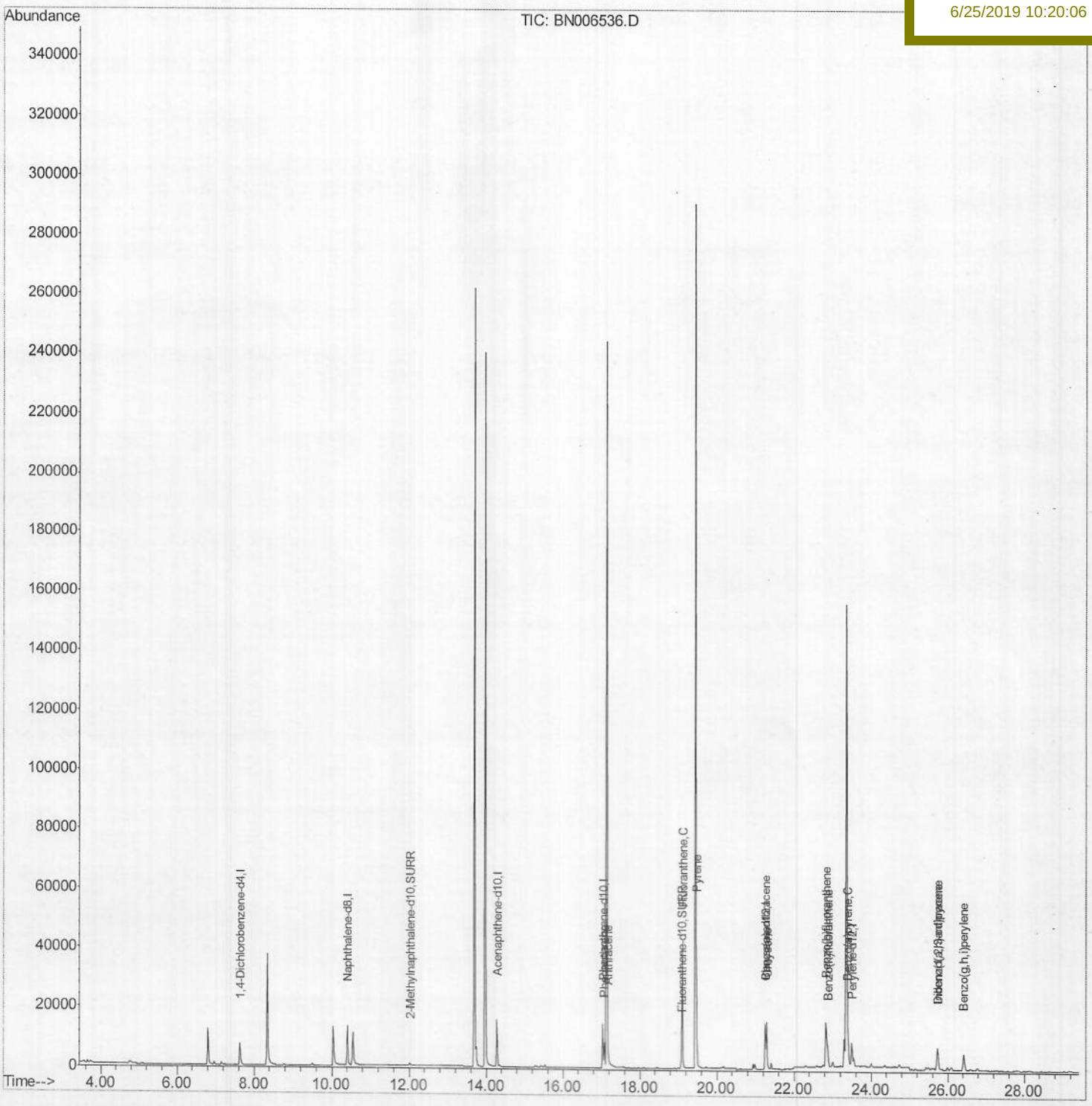
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006536.D
Acq On : 24 Jun 2019 18:11
Operator : HP/JU
Sample : K3360-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 25 11:18:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4202DL

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:06 PM



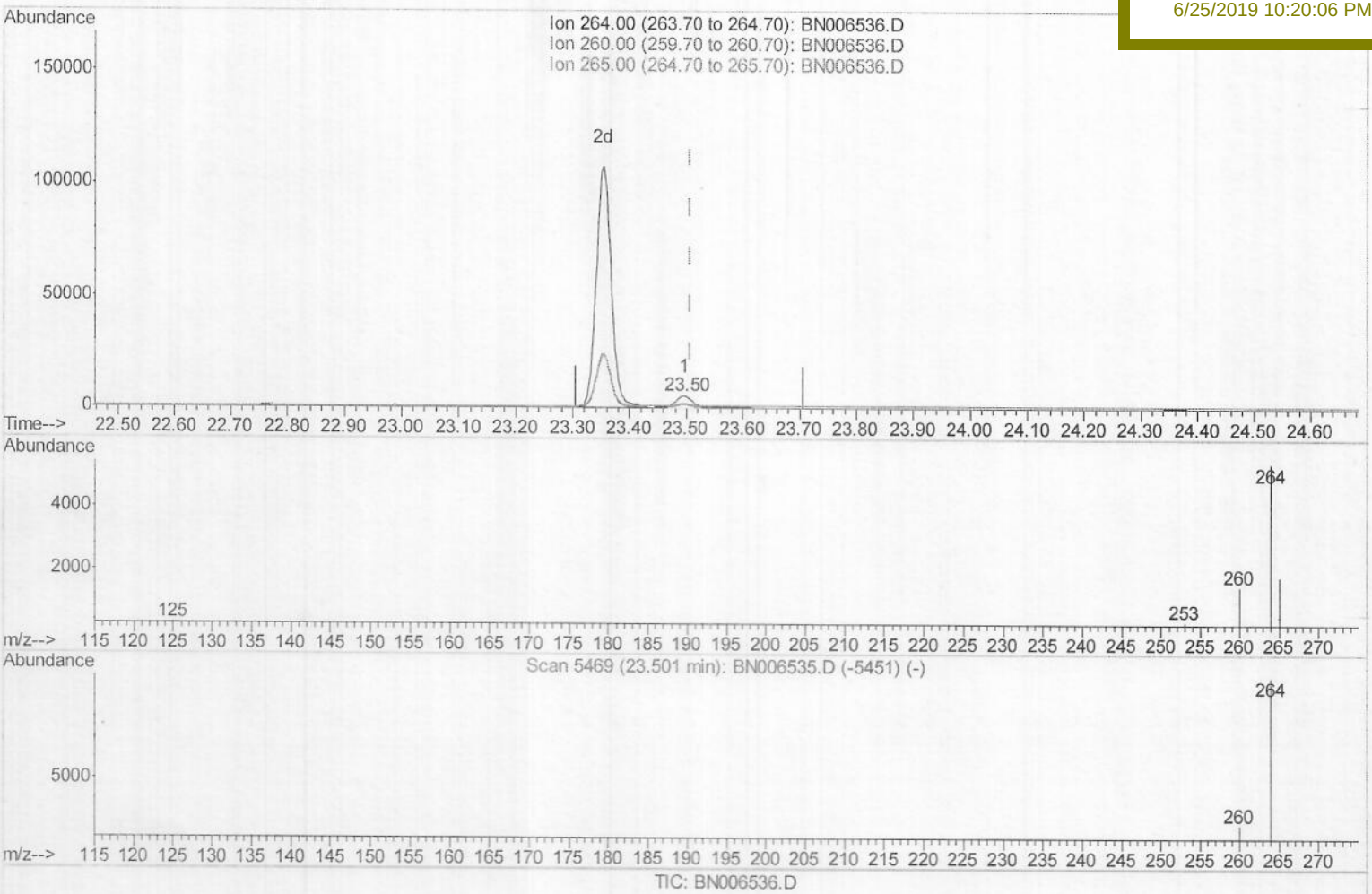
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006536.D
Acq On : 24 Jun 2019 18:11
Operator : HP/JU
Sample : K3360-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 25 00:44:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4202DL

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:06 PM



TIC: BN006536.D

(20) Perylene-d12 (I)

23.497min (-0.010) 0.40ng/ul

response 11672

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.83
265.00	44.70	33.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

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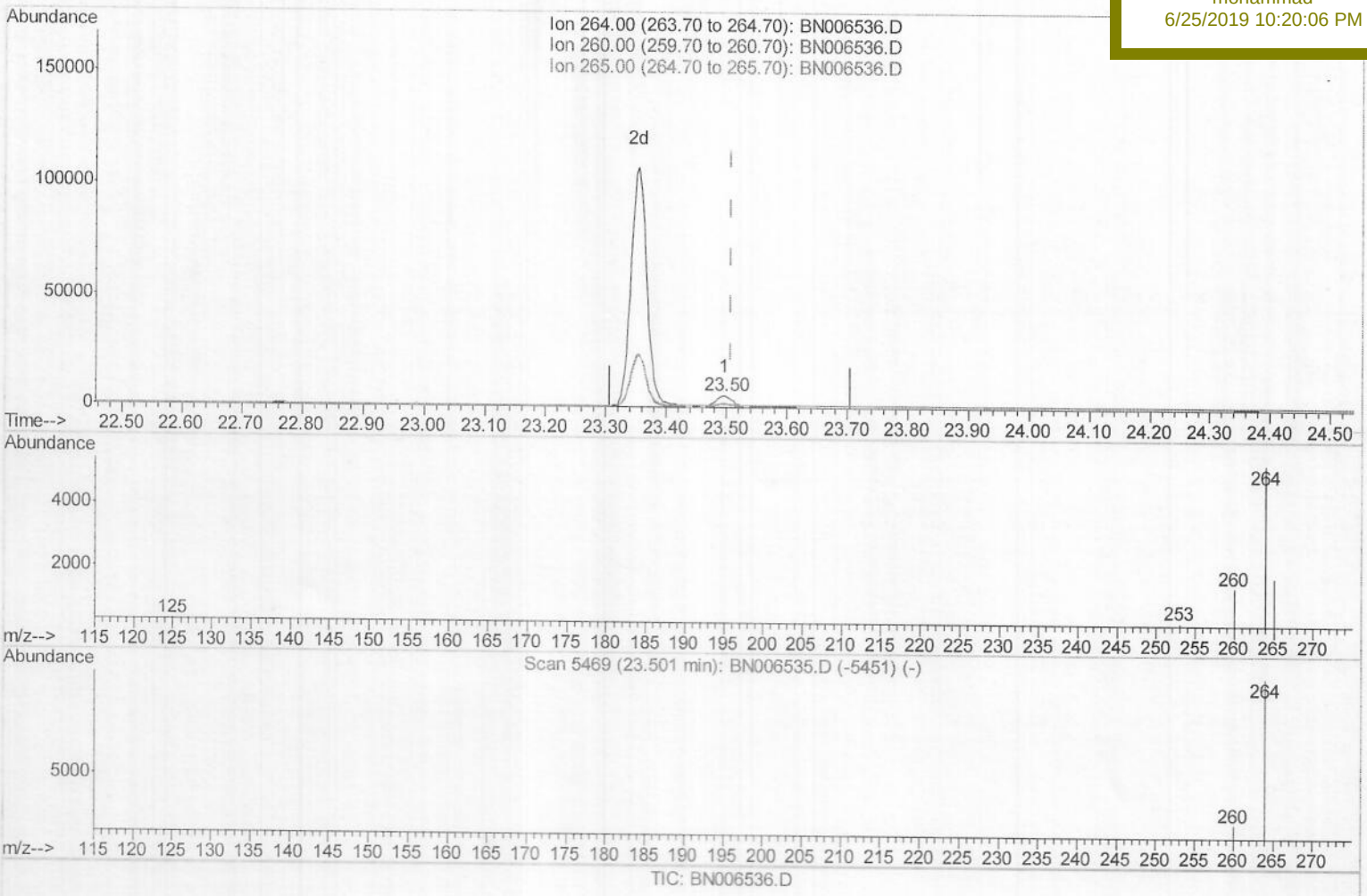
BNA_N
ClientSampleId :
A4202DL

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:06 PM



TIC: BN006536.D

(20) Perylene-d12 (I)

23.497min (-0.010) 0.40ng/ul m > JU 06/26/19

response 9074

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.83
265.00	44.70	33.78#
0.00	0.00	0.00

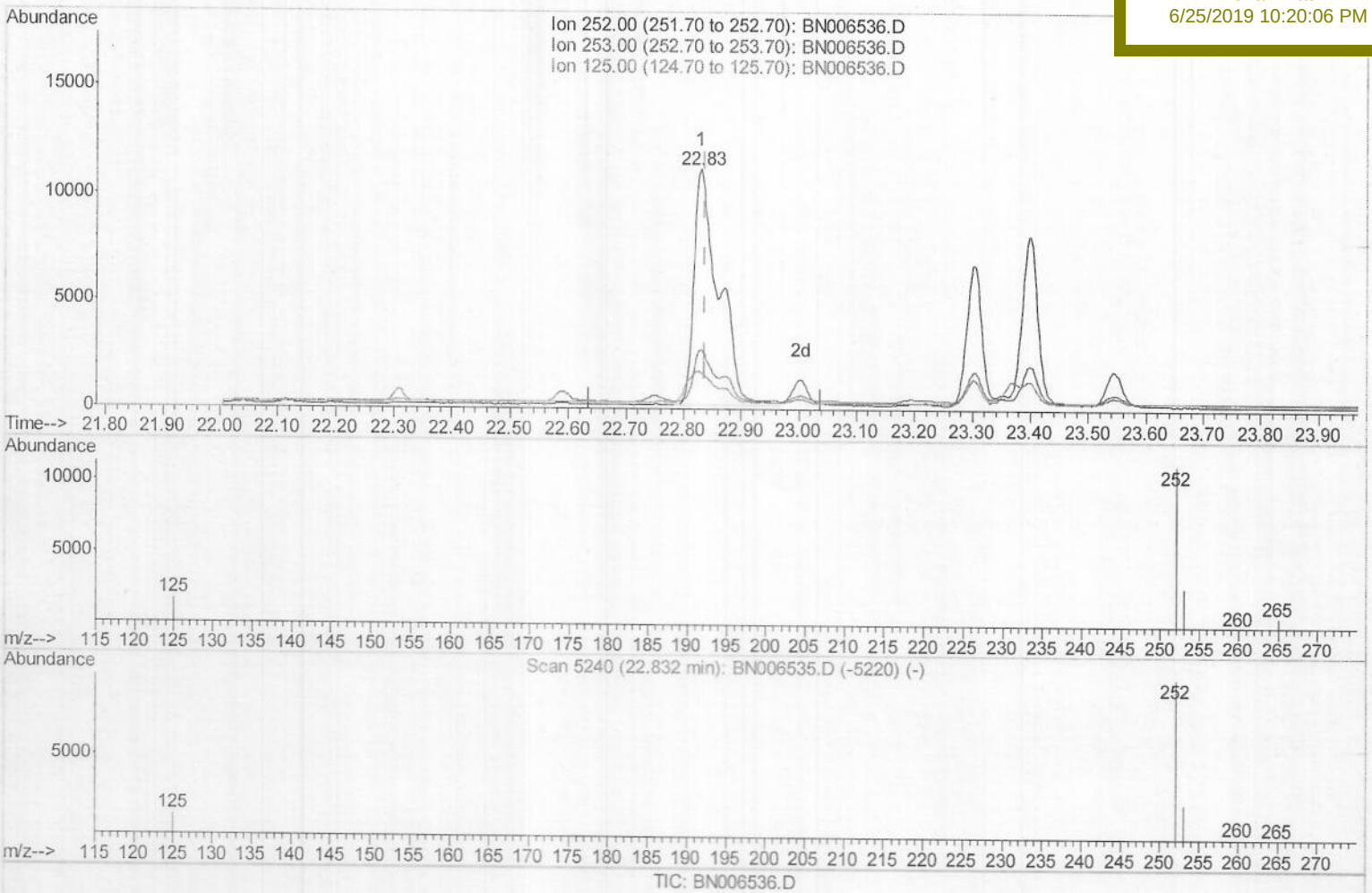
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006536.D
Acq On : 24 Jun 2019 18:11
Operator : HP/JU
Sample : K3360-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 25 01:55:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4202DL

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:06 PM



TIC: BN006536.D

(21) Benzo(b)fluoranthene

22.830min (-0.007) 0.88ng/ul

response 33156

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	24.68
125.00	20.50	15.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
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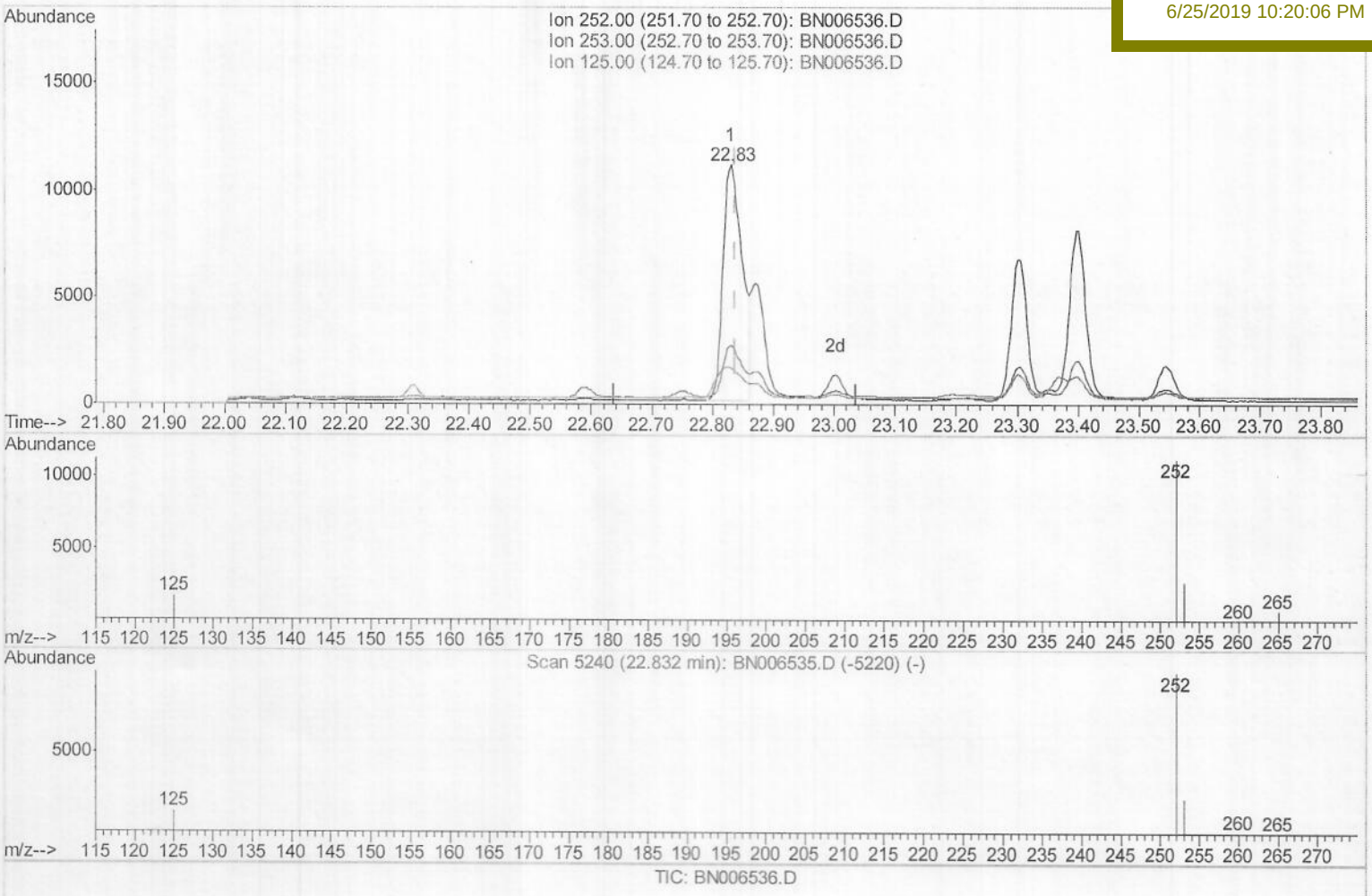
BNA_N
ClientSampleId :
A4202DL

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:06 PM



TIC: BN006536.D

(21) Benzo(b)fluoranthene

22.830min (-0.007) 0.63ng/ul m > JU 06|26|19

response 23847

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	24.68
125.00	20.50	15.17
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : HP/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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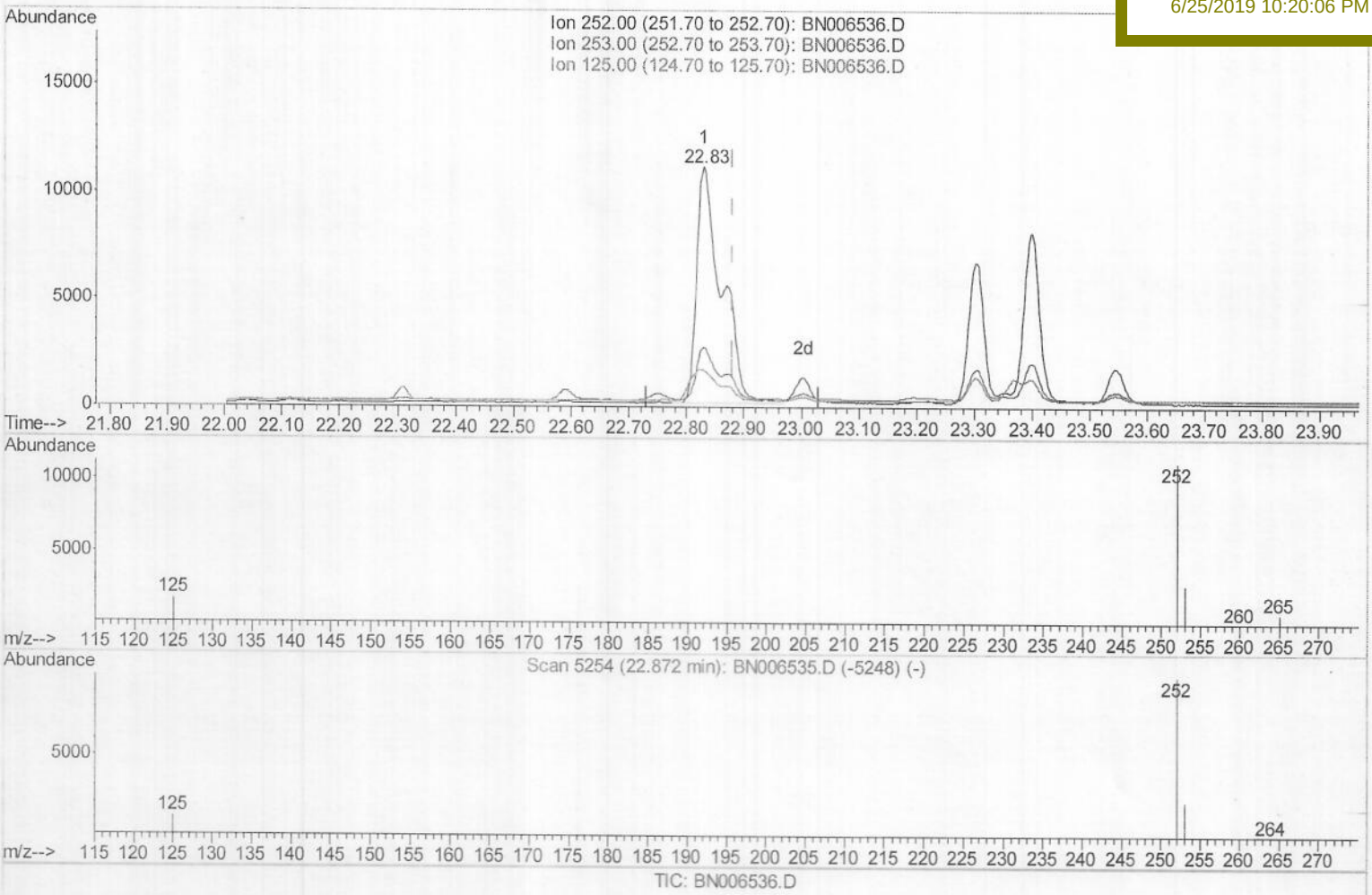
BNA_N
ClientSampleId :
A4202DL

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:06 PM



TIC: BN006536.D

(22) Benzo(k)fluoranthene

22.830min (-0.051) 0.90ng/ul

response 33202

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	24.68
125.00	17.90	15.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006536.D
Acq On : 24 Jun 2019 18:11
Operator : HP/JU
Sample : K3360-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 25 01:55:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
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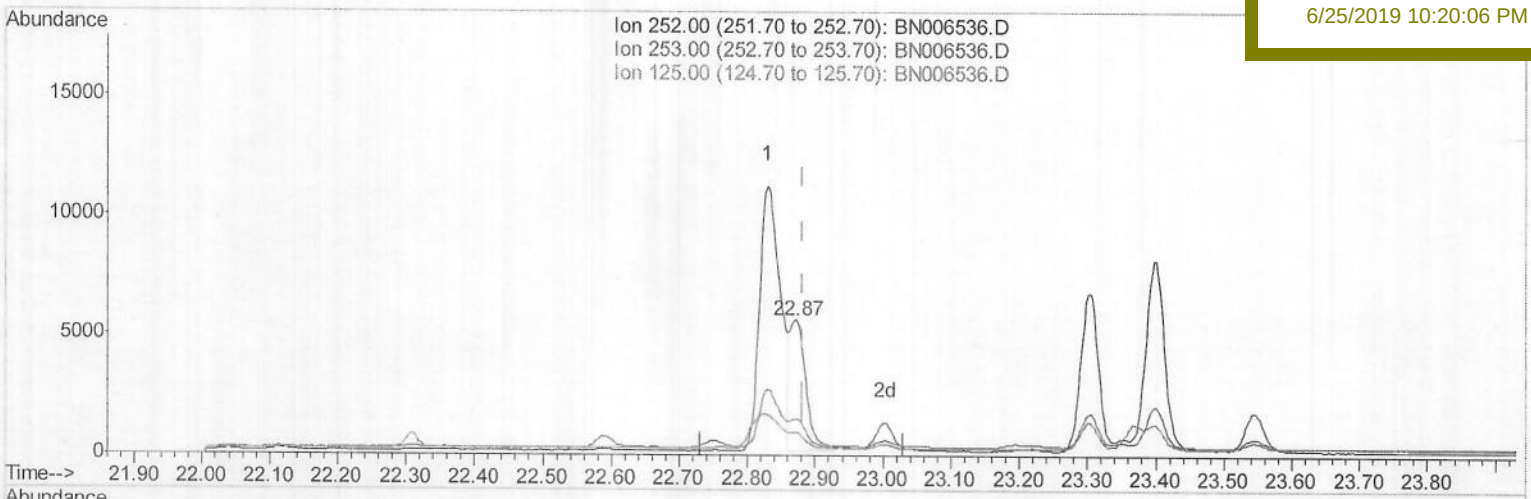
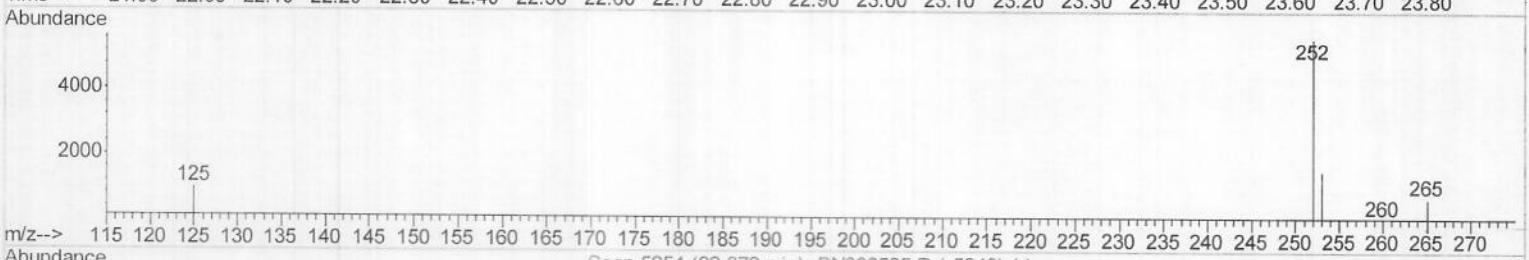
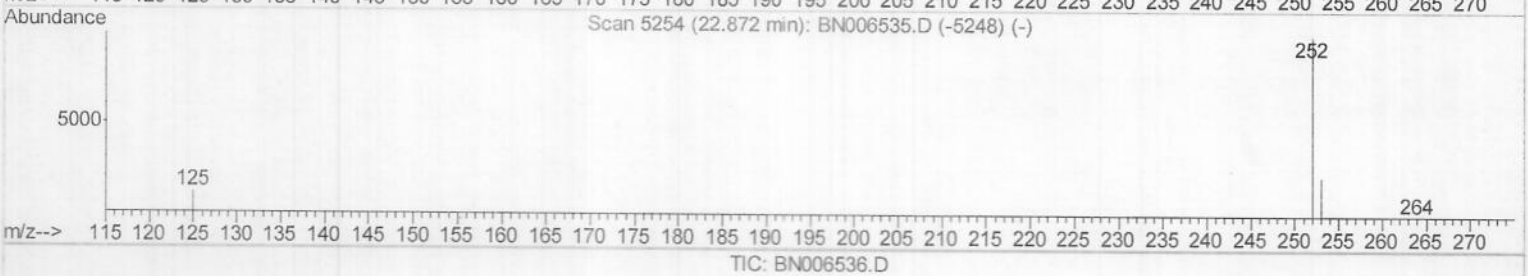
Instrument :
BNA_N
ClientSampleId :
A4202DL

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:06 PM







(22) Benzo(k)fluoranthene

22.871min (-0.010) 0.24ng/ul m > JU 06/26/19

response 8960

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	27.37
125.00	17.90	16.80
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
mohammad
6/25/2019 10:20:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4811	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	18219	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9004	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	16933	0.40	ng/ul	-0.01
16) Chrysene-d12	21.26	240	9213	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	9074m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1726	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2988	0.07	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.08	178	9104	0.167	ng/ul	98
13) Anthracene	17.17	178	1358	0.026	ng/ul#	79
15) Fluoranthene	19.11	202	34920	0.582	ng/ul	99
17) Pyrene	19.48	202	31392	0.647	ng/ul	98
18) Benzo(a)anthracene	21.25	228	11783	0.289	ng/ul	99
19) Chrysene	21.30	228	17741	0.464	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	23847m	0.630	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	8960m	0.243	ng/ul	
23) Benzo(a)pyrene	23.40	252	14975	0.425	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.73	276	12110	0.317	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	2743	0.090	ng/ul#	85
26) Benzo(g,h,i)perylene	26.41	276	10735	0.336	ng/ul	98

JU 06/26/19

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