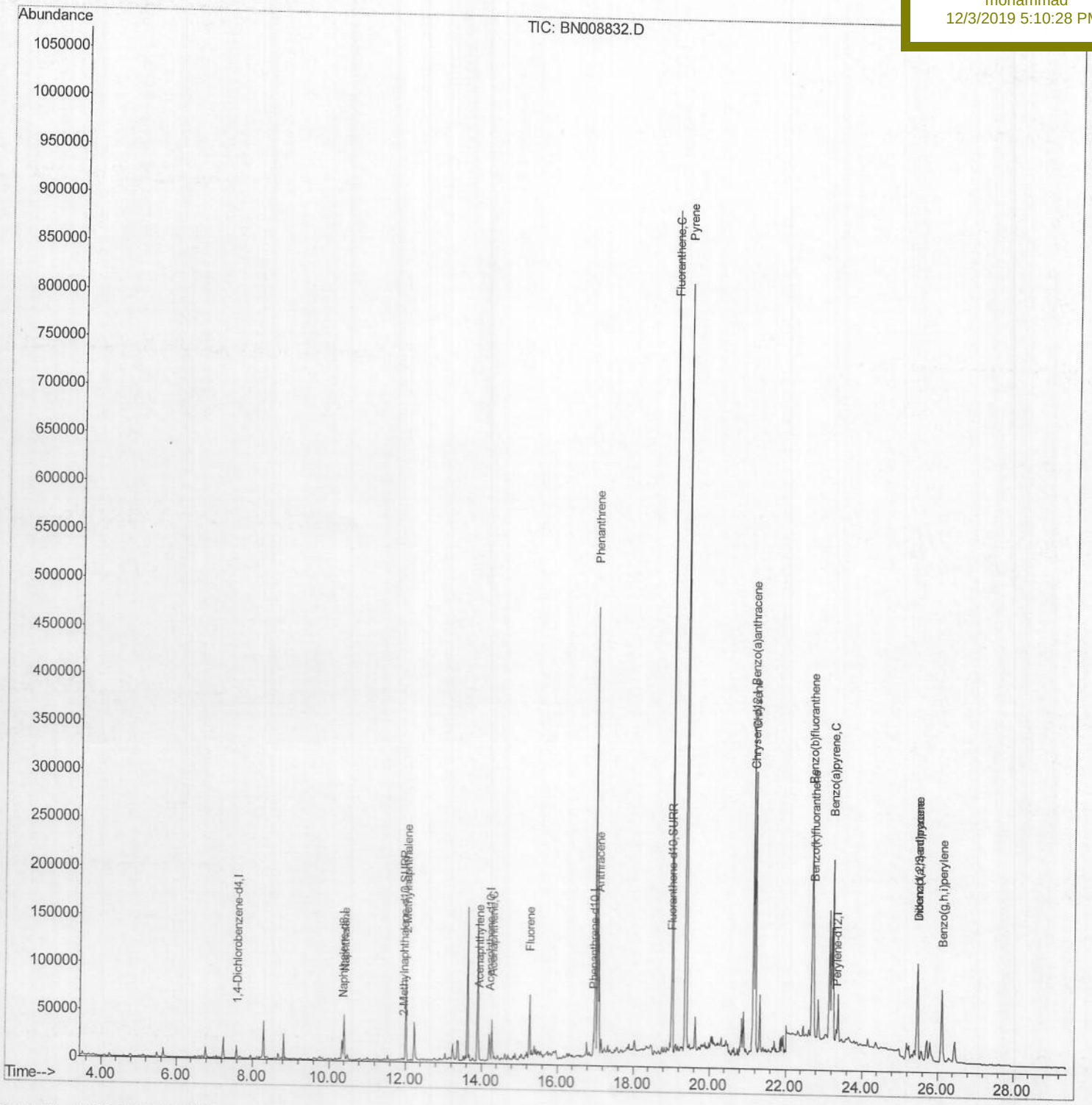
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
Data File : BN008832.D
Acq On : 03 Dec 2019 15:31
Operator : JU
Sample : K5854-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 03 16:04:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 11:01:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC3DL

Manual Integrations APPROVED
mohammad
12/3/2019 5:10:28 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
Data File : BN008832.D
Acq On : 03 Dec 2019 15:31
Operator : JU
Sample : K5854-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 03 16:01:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 11:01:18 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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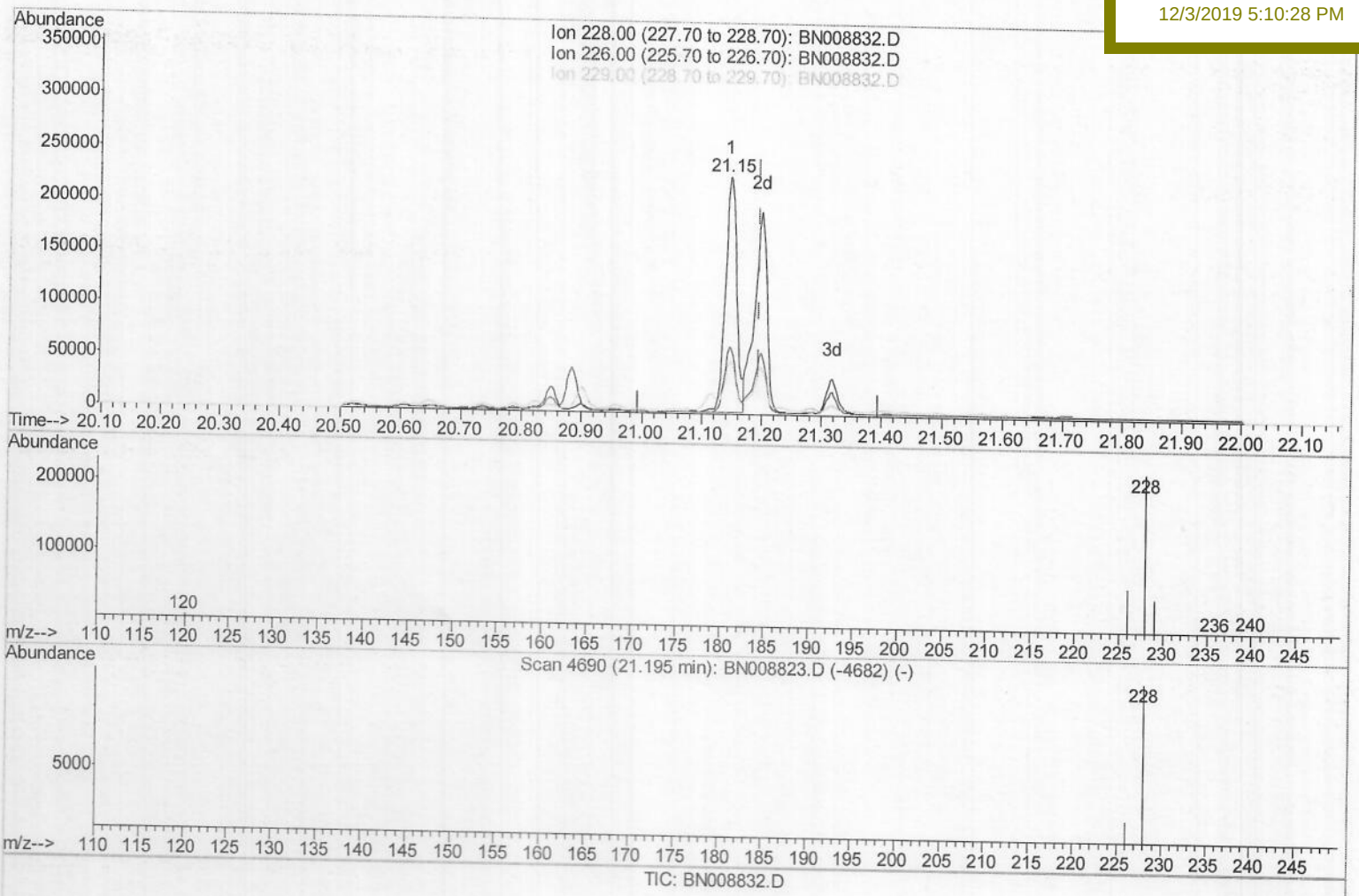
Manual Integrations APPROVED
mohammad
12/3/2019 5:10:28 PM



TIC: BN008832.D

(19) Chrysene

21.145min (-0.050) 4.54ng/ul

response 299099

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	28.40
229.00	19.50	21.89
0.00	0.00	0.00

Quantitation Report (Qedit)

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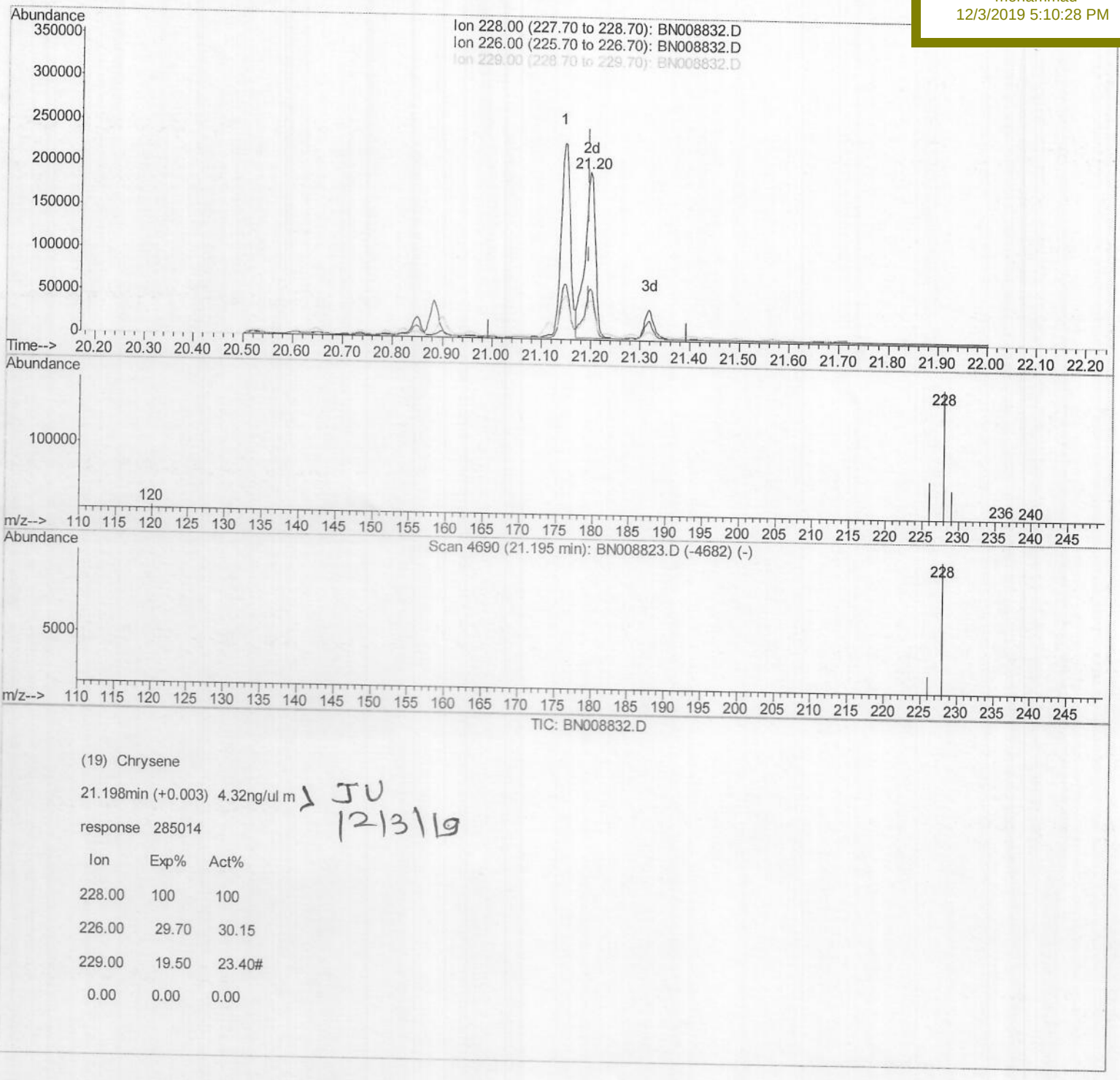
ClientSampleId :
C0AC3DL

Manual Integrations APPROVED
mohammad
12/3/2019 5:10:28 PM



(19) Chrysene

21.198min (+0.003) 4.32ng/ul m

response 285014

JU 12/3/19

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	30.15
229.00	19.50	23.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
Data File : BN008832.D
Acq On : 03 Dec 2019 15:31
Operator : JU
Sample : K5854-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 03 16:01:54 2019
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Instrument :
BNA_N
ClientSampleId :
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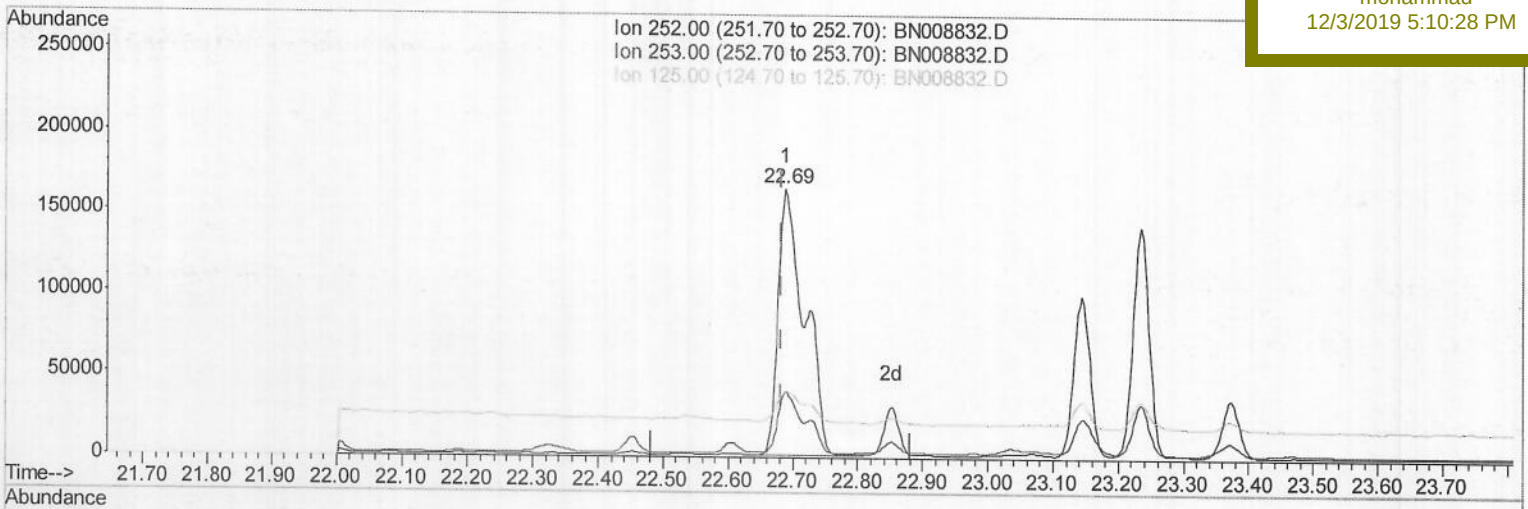
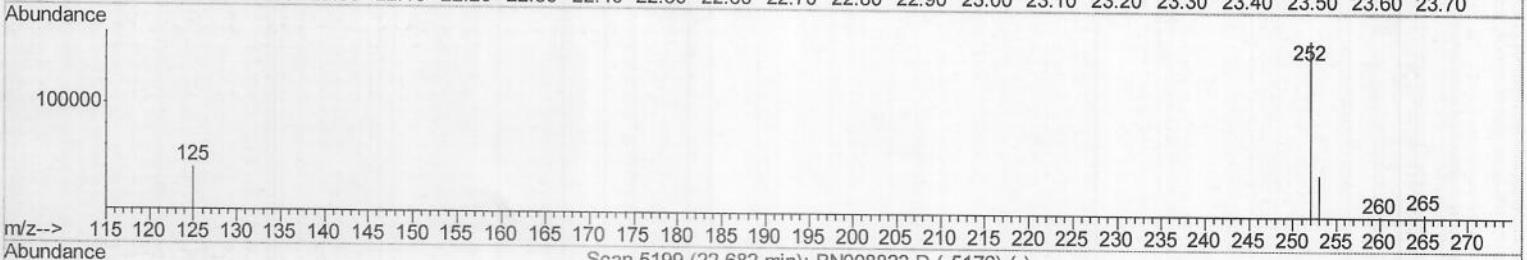
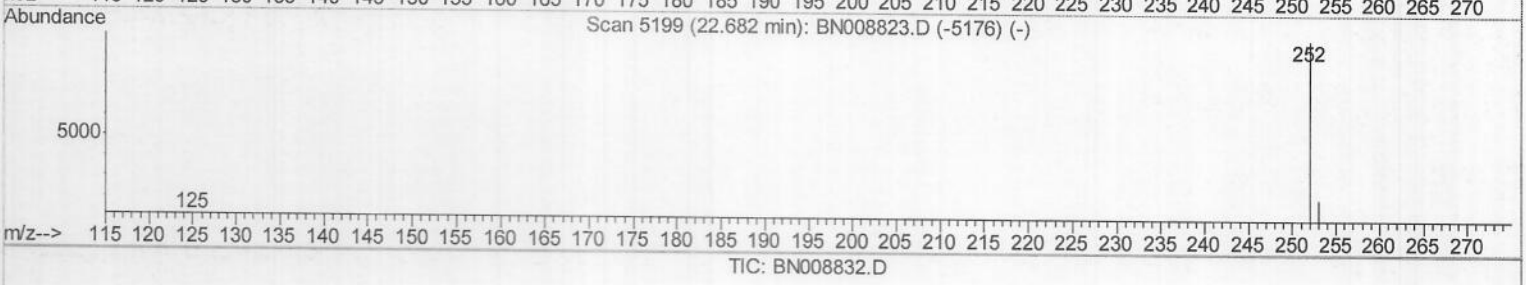
Manual Integrations APPROVED
mohammad
12/3/2019 5:10:28 PM







(21) Benzo(b)fluoranthene

22.688min (+0.006) 7.02ng/ul

response 461415

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	24.59
125.00	15.80	24.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
Data File : BN008832.D
Acq On : 03 Dec 2019 15:31
Operator : JU
Sample : K5854-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 03 16:01:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
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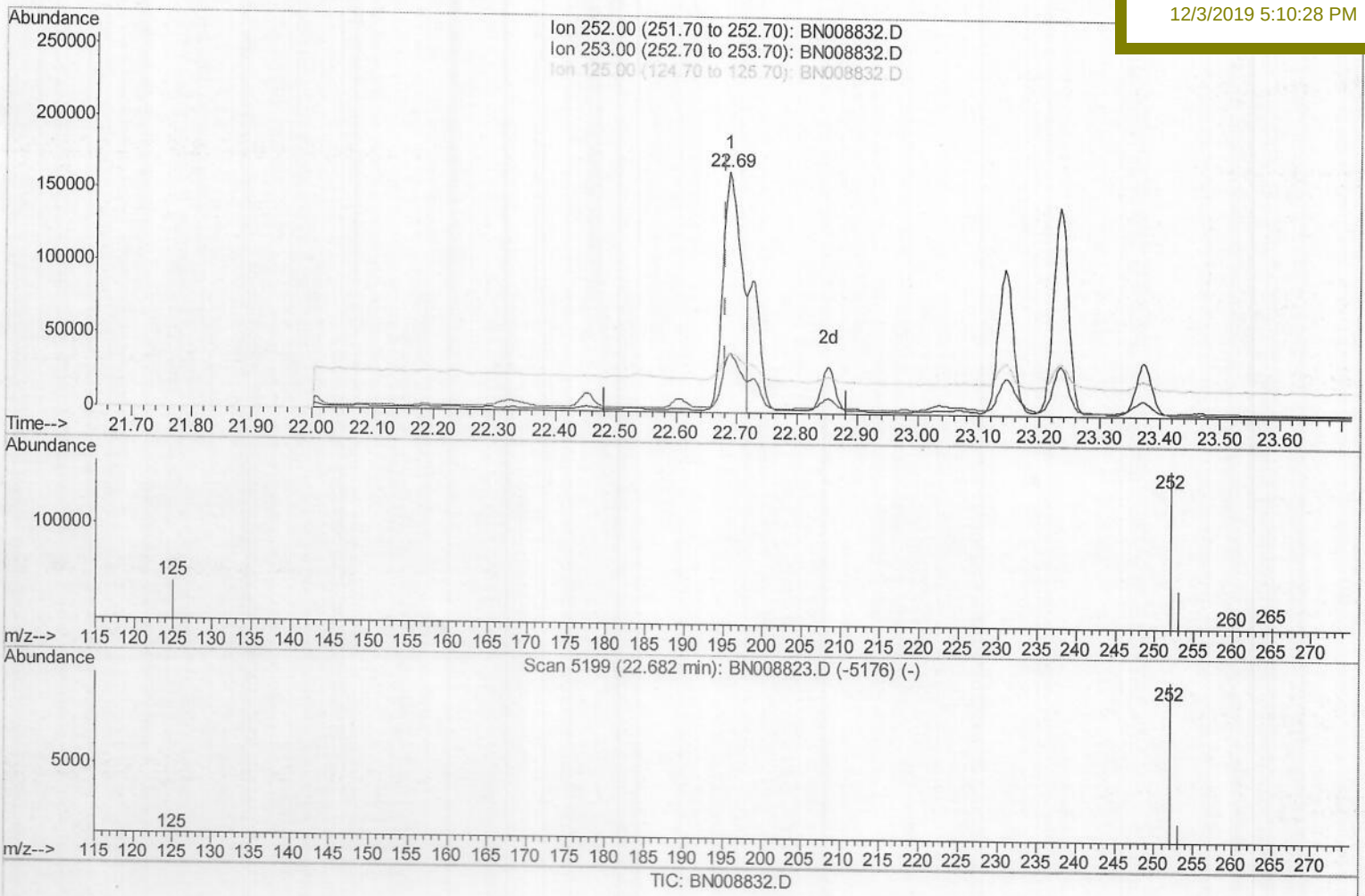
BNA_N
ClientSampleId :
C0AC3DL

Manual Integrations APPROVED
mohammad
12/3/2019 5:10:28 PM



TIC: BN008832.D

(21) Benzo(b)fluoranthene

22.688min (+0.006) 5.39ng/ul m

response 354038

JU 12/3/19

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	24.59
125.00	15.80	24.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
Data File : BN008832.D
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Operator : JU
Sample : K5854-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 03 16:01:54 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 11:01:18 2019
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Instrument :
BNA_N
ClientSampleId :
C0AC3DL

Manual Integrations APPROVED
mohammad
12/3/2019 5:10:28 PM

(22) Benzo(k)fluoranthene

22.688min (-0.035) 7.08ng/ul

response 461415

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	24.59
125.00	17.20	24.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
Data File : BN008832.D
Acq On : 03 Dec 2019 15:31
Operator : JU
Sample : K5854-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 03 16:01:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
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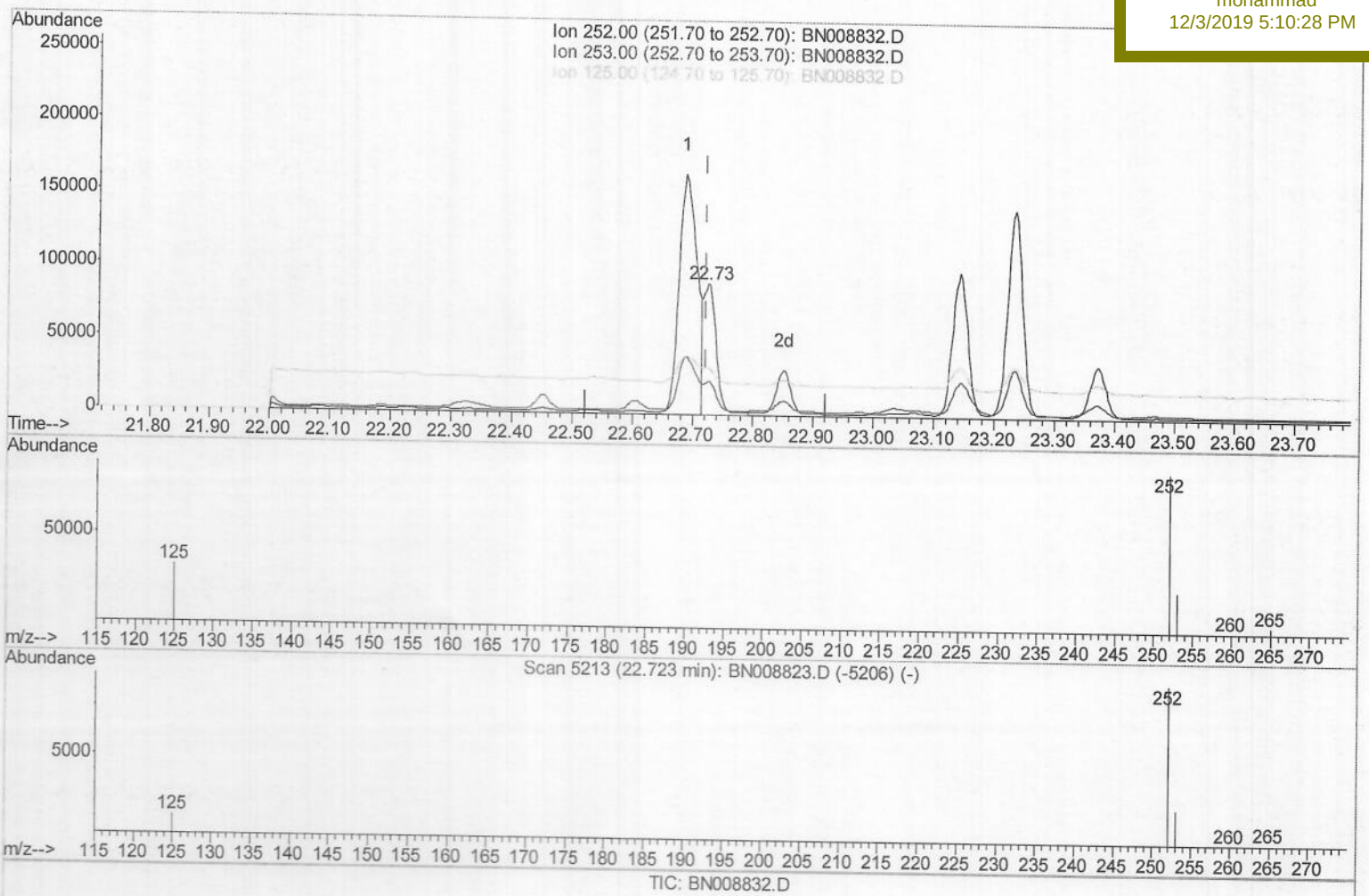
BNA_N
ClientSampleId :
C0AC3DL

Manual Integrations APPROVED
mohammad
12/3/2019 5:10:28 PM



TIC: BN008832.D

(22) Benzo(k)fluoranthene

22.726min (+0.003) 2.10ng/ul m

response 136679

> JU 12/3/19

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	26.07
125.00	17.20	36.18#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
mohammad
12/3/2019 5:10:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	5488	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	22292	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	13399	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	24939	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	16697	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	15939	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	1337	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3052	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	61228	0.911	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	62413	1.330	ng/ul	100
7) Acenaphthylene	13.93	152	7036	0.095	ng/ul#	70
8) Acenaphthene	14.27	153	25411	0.462	ng/ul	100
9) Fluorene	15.27	166	40164	0.622	ng/ul#	95
12) Phenanthrene	17.00	178	476324	5.663	ng/ul	99
13) Anthracene	17.09	178	130320	1.640	ng/ul	97
15) Fluoranthene	19.02	202	719758	6.966	ng/ul	100
17) Pyrene	19.39	202	670711	10.013	ng/ul	99
18) Benzo(a)anthracene	21.15	228	299099	4.454	ng/ul	96
19) Chrysene	21.20	228	285014m	4.322	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	354038m	5.387	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	136679m	2.097	ng/ul	
23) Benzo(a)pyrene	23.23	252	243351	3.945	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.46	276	146618	2.032	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.47	278	36973	0.634	ng/ul#	60
26) Benzo(g,h,i)perylene	26.11	276	143072	2.370	ng/ul	99

JU 12/3/19

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