

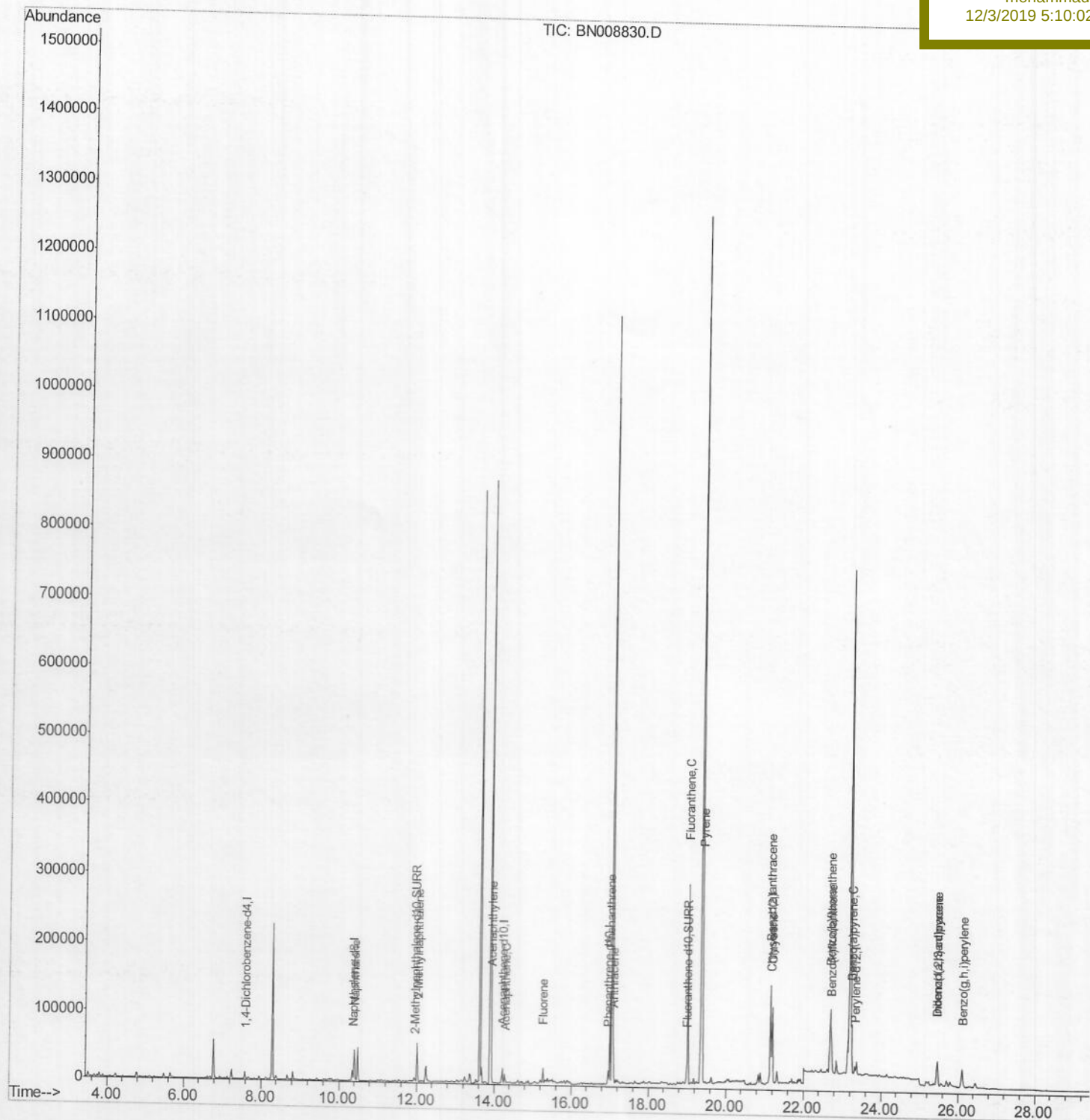
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
 Data File : BN008830.D
 Acq On : 03 Dec 2019 14:08
 Operator : JU
 Sample : K5854-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 03 15:01:31 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 :
 C0AD3

Manual Integrations
 APPROVED

mohammad
 12/3/2019 5:10:02 PM



Quantitation Report (Qedit)

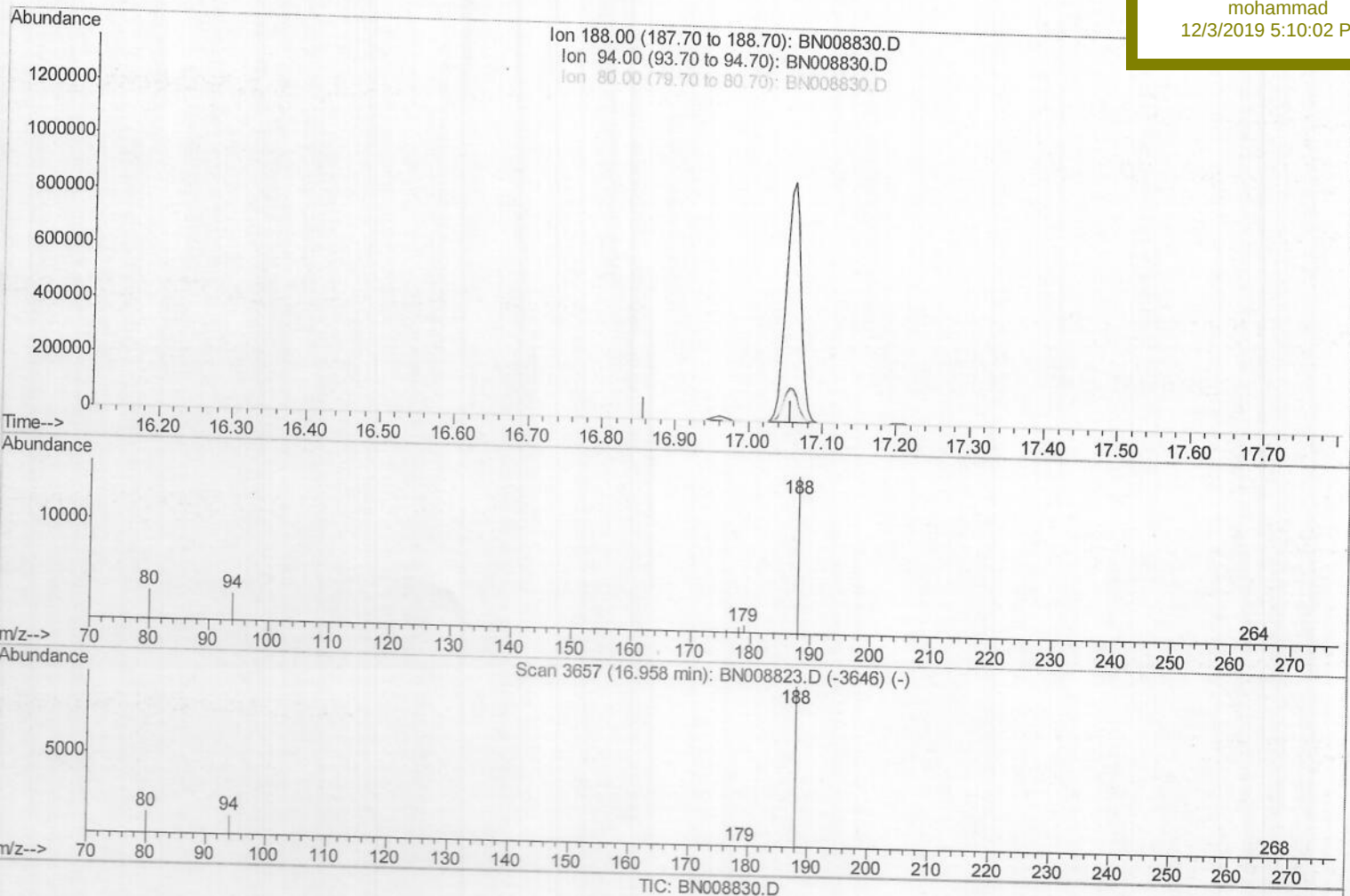
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
 Data File : BN008830.D
 Acq On : 03 Dec 2019 14:08
 Operator : JU
 Sample : K5854-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 03 14:59:05 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 :
 C0AD3

Manual Integrations
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(10) Phenanthrene-d10 (I)
 16.958min (-16.958) 0.00ng/ul
 response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	12.20	0.00#
80.00	14.40	0.00#
0.00	0.00	0.00

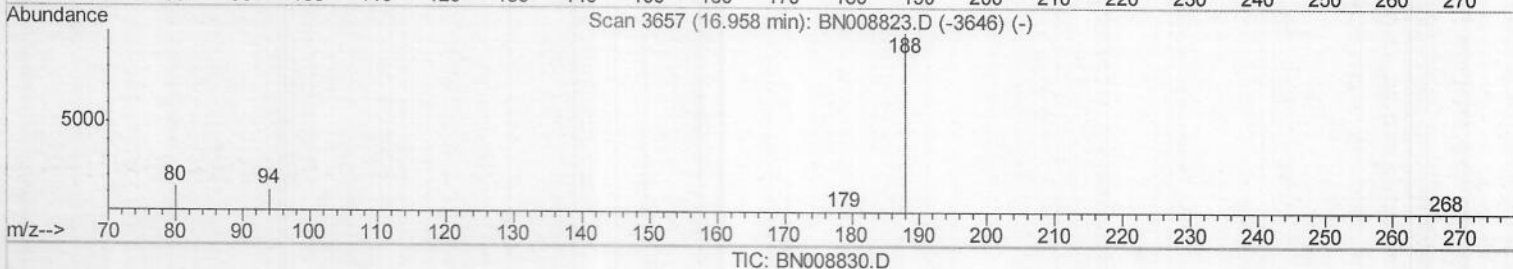
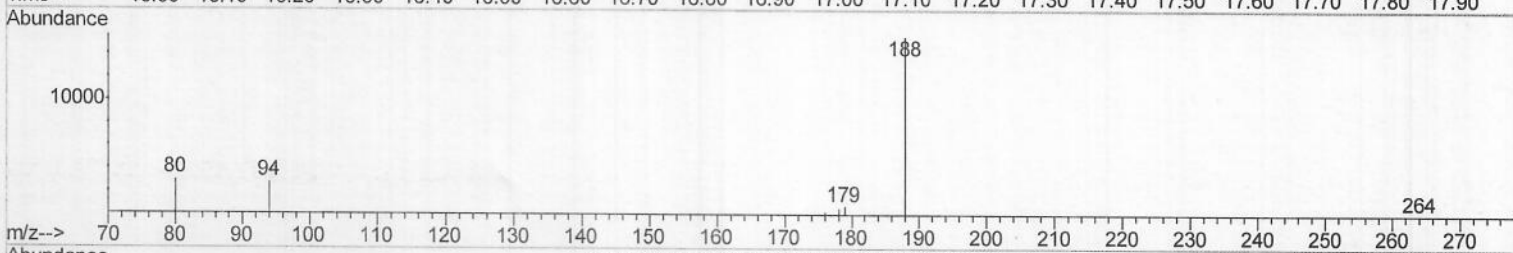
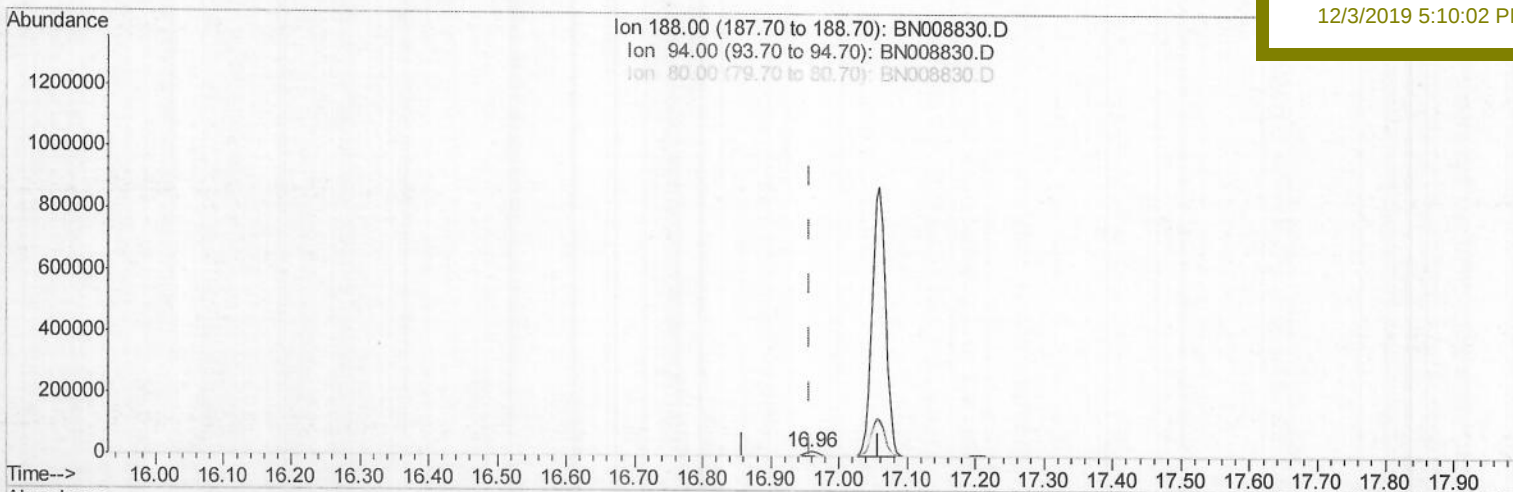
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
Data File : BN008830.D
Acq On : 03 Dec 2019 14:08
Operator : JU
Sample : K5854-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 03 14:59:05 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
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Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations
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(10) Phenanthrene-d10 (I)

16.958min (+0.000) 0.40ng/ul m

response 21362

Ion	Exp%	Act%
188.00	100	100
94.00	12.20	17.74#
80.00	14.40	19.20#
0.00	0.00	0.00

JU
12/3/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
 Data File : BN008830.D
 Acq On : 03 Dec 2019 14:08
 Operator : JU
 Sample : K5854-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

C0AD3

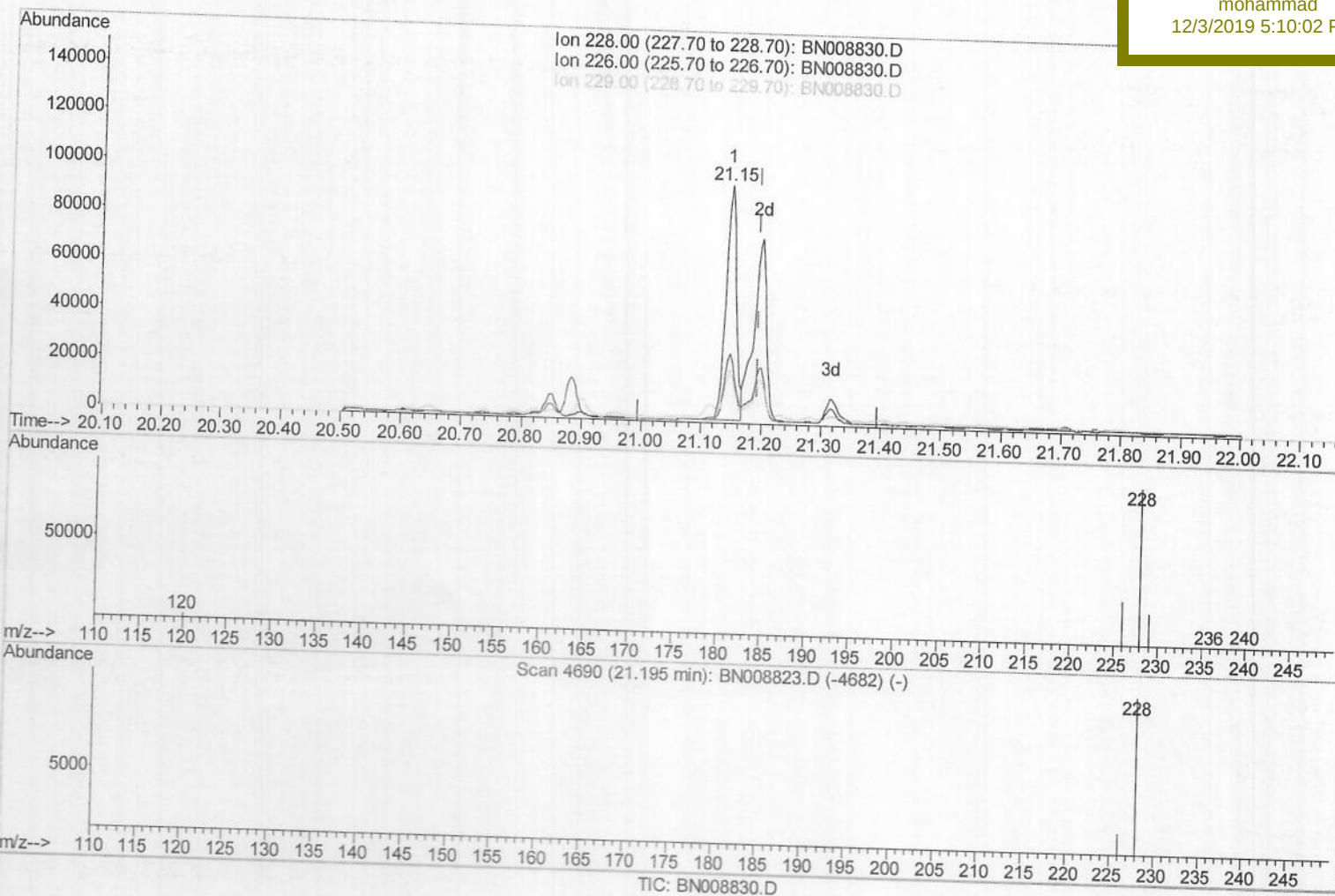
Manual Integrations

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Quant Time: Dec 03 14:59:57 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



(19) Chrysene

21.145min (-0.049) 1.91ng/ul

response 116405

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	29.17
229.00	19.50	22.12
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
Data File : BN008830.D
Acq On : 03 Dec 2019 14:08
Operator : JU
Sample : K5854-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

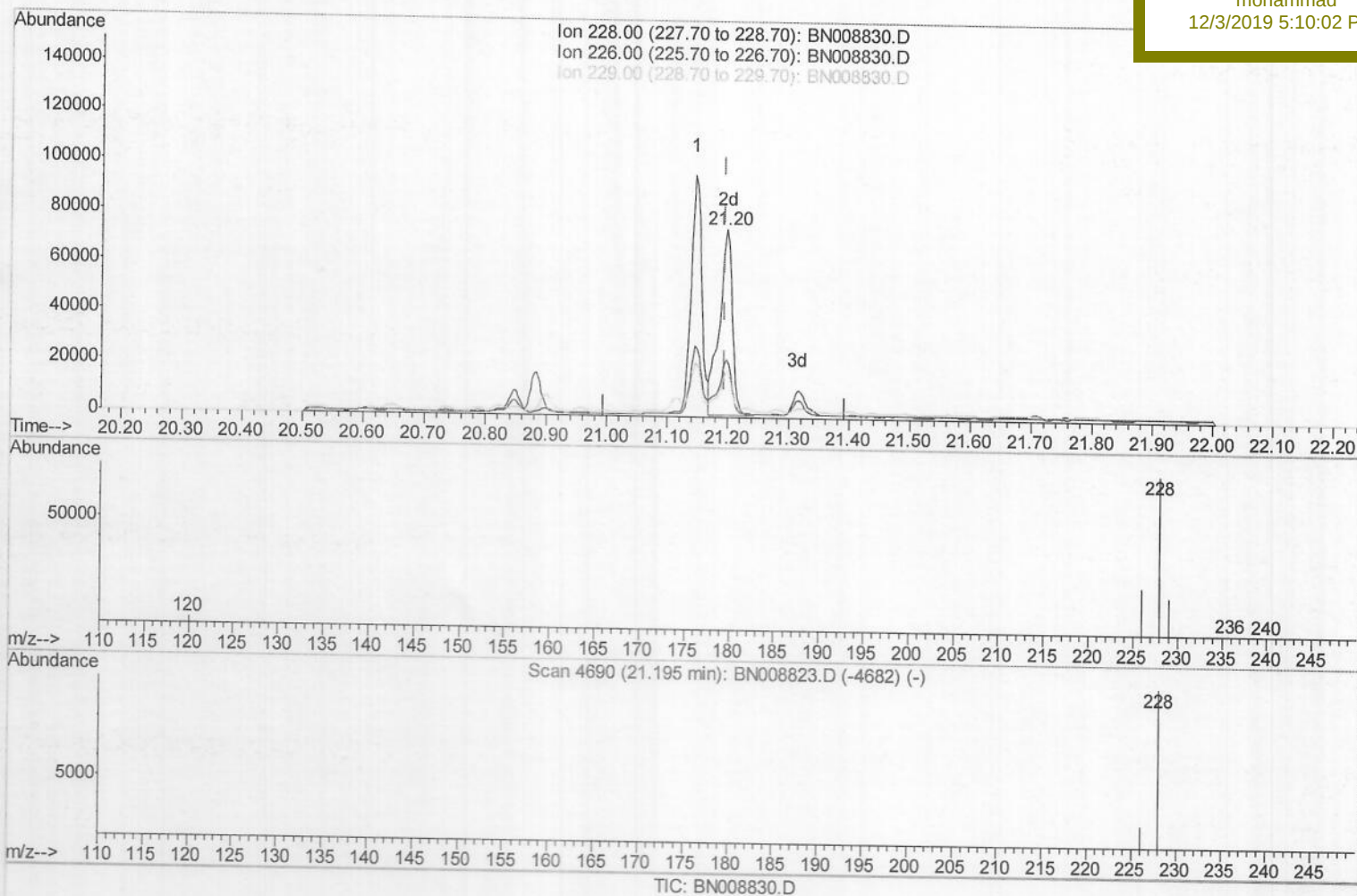
Quant Time: Dec 03 14:59:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 11:01:18 2019
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AD3

Manual Integrations
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(19) Chrysene

21.198min (+0.003) 1.83ng/ul m

response 111485

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	30.42
229.00	19.50	24.21#
0.00	0.00	0.00

> JU
12/3/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\

Data File : BN008830.D

Acq On : 03 Dec 2019 14:08

Operator : JU

Sample : K5854-17

Misc : -

ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

C0AD3

Quant Time: Dec 03 14:59:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M

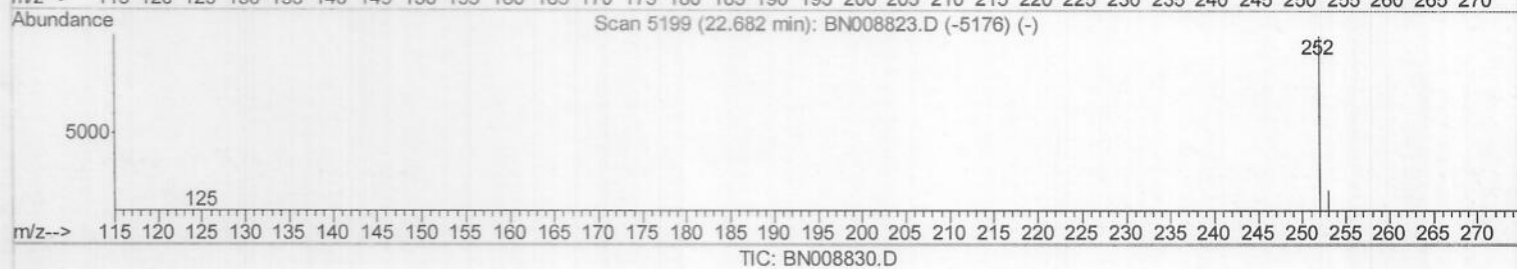
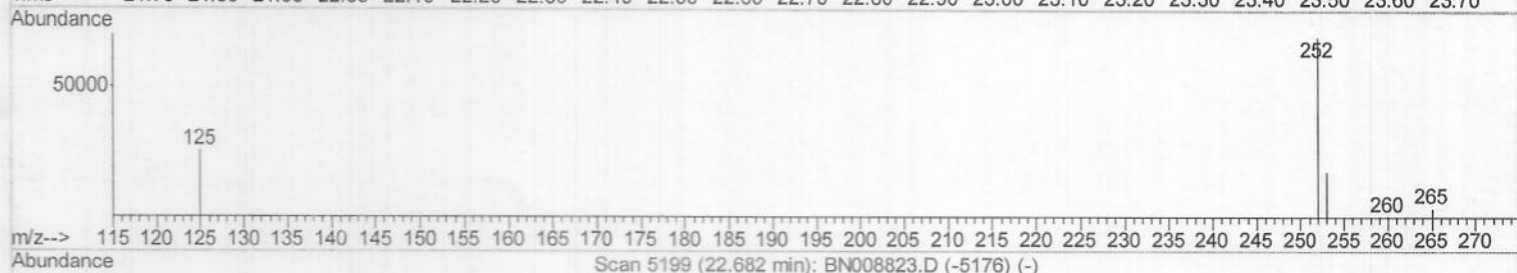
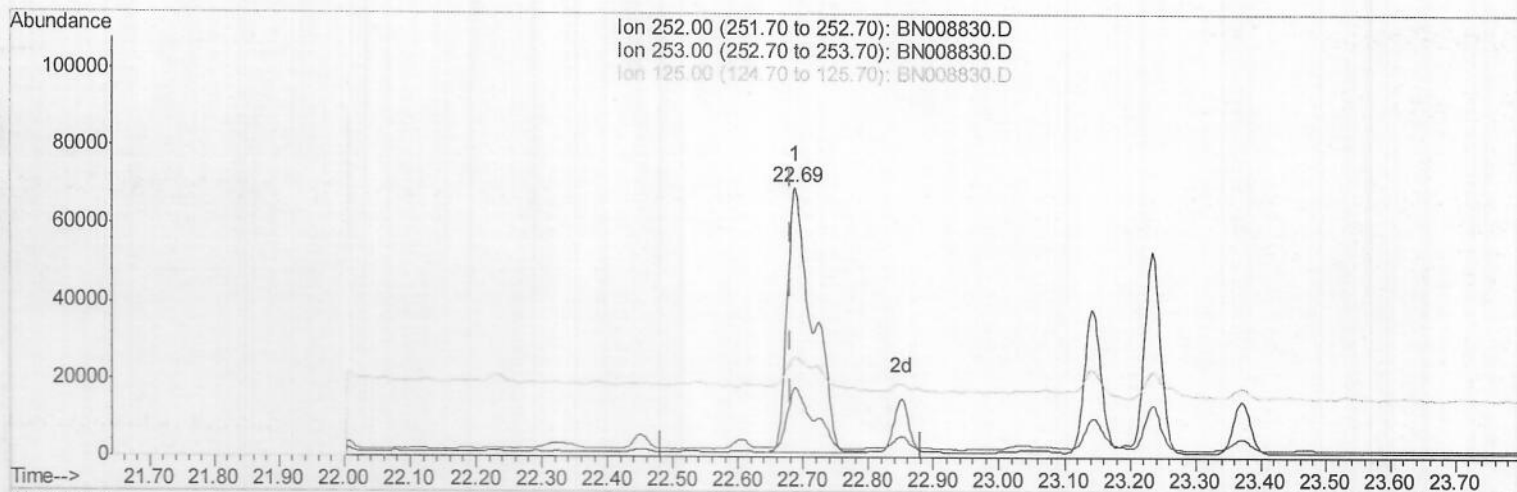
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 03 11:01:18 2019

Response via : Initial Calibration

Manual Integrations
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(21) Benzo(b)fluoranthene

22.688min (+0.006) 3.27ng/ui

response 186386

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	25.83
125.00	15.80	37.43#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\

Data File : BN008830.D

Acq On : 03 Dec 2019 14:08

Operator : JU

Sample : K5854-17

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 03 14:59:57 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

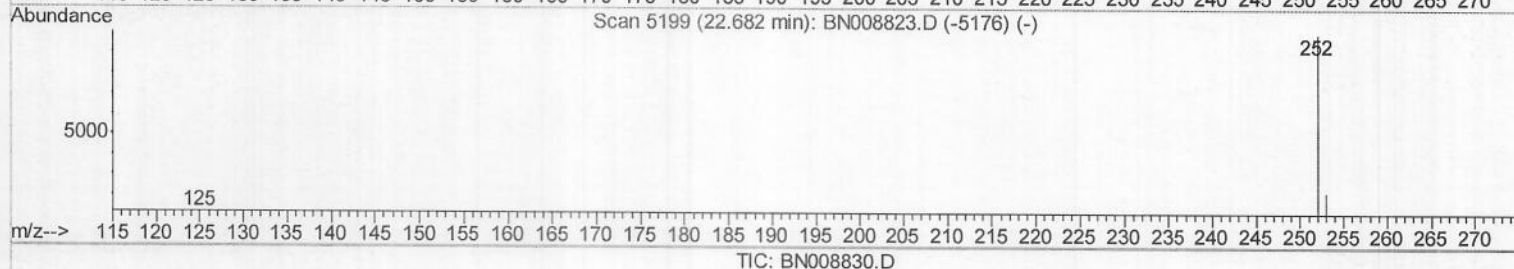
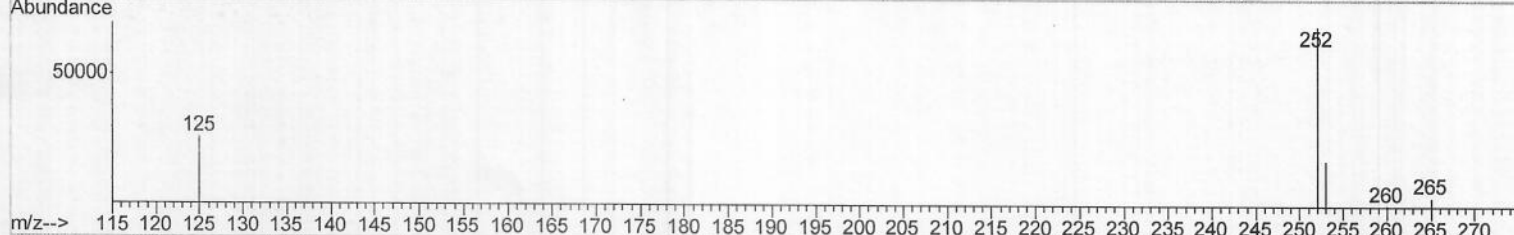
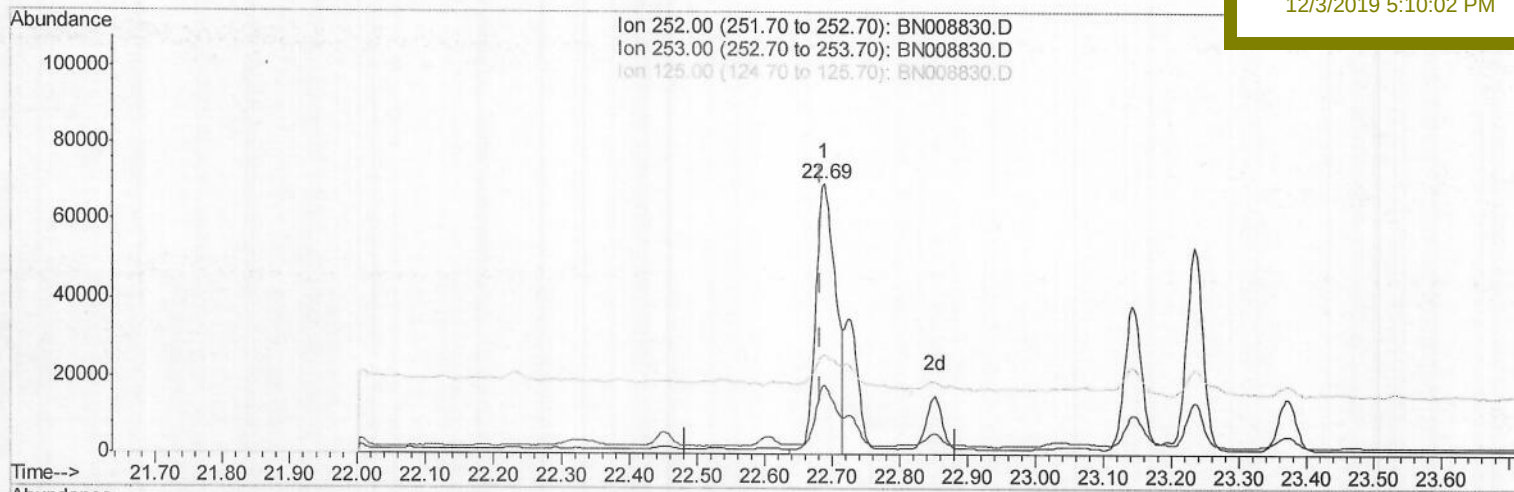
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AD3

Manual Integrations
APPROVEDmohammad
12/3/2019 5:10:02 PM

(21) Benzo(b)fluoranthene

22.688min (+0.006) 2.54ng/ul m

response 144720

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	25.83
125.00	15.80	37.43#
0.00	0.00	0.00

JU
12/3/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
 Data File : BN008830.D
 Acq On : 03 Dec 2019 14:08
 Operator : JU
 Sample : K5854-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_N

Client Sampled :

C0AD3

Manual Integrations

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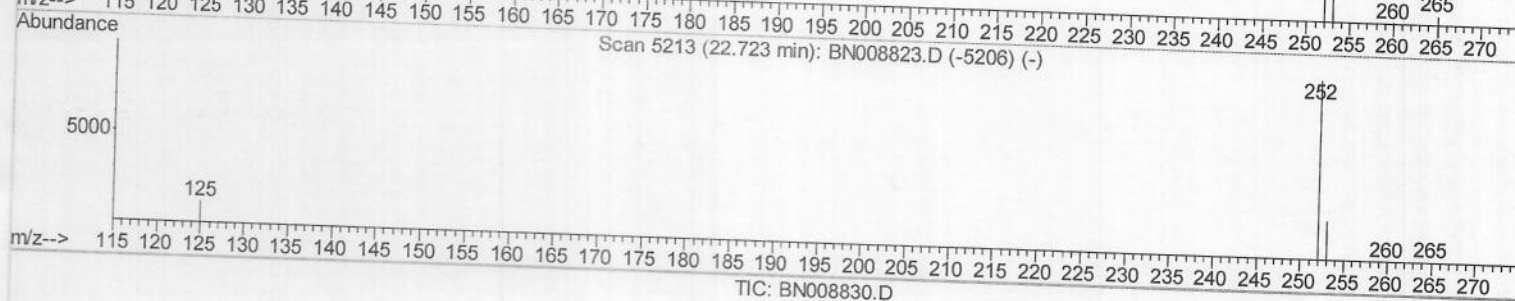
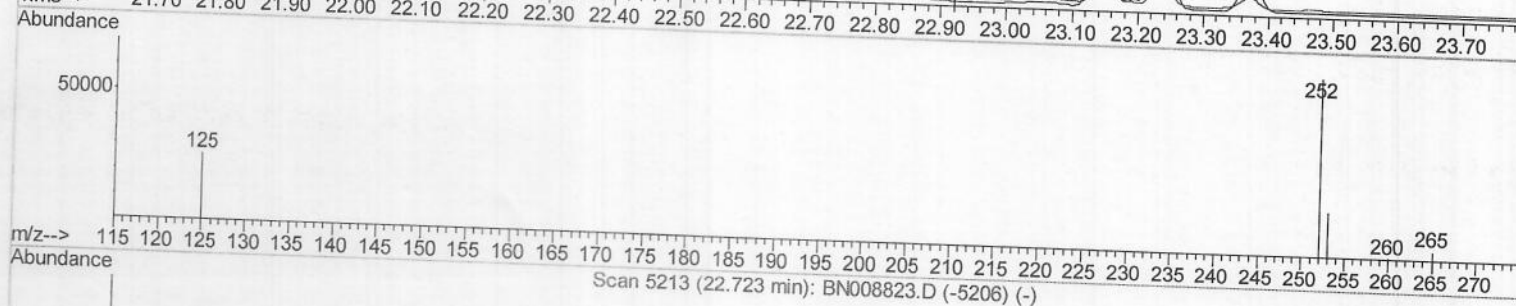
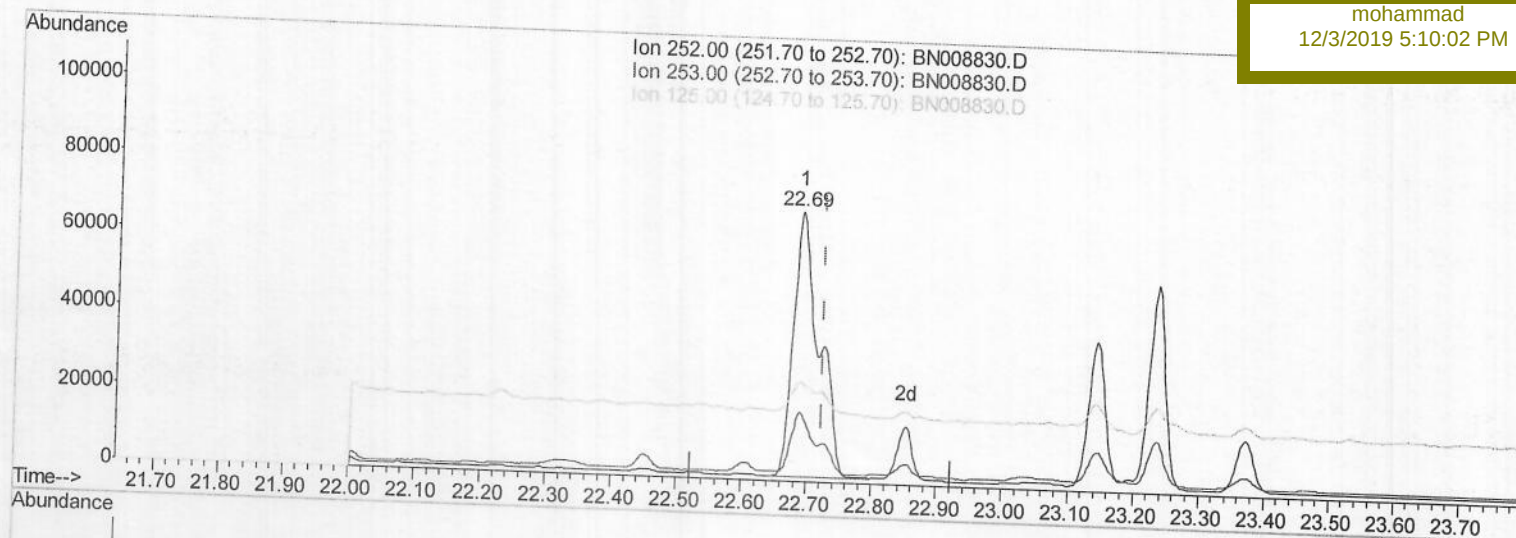
Quant Time: Dec 03 14:59:57 2019

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



(22) Benzo(k)fluoranthene

22.688min (-0.035) 3.30ng/ul

response 186386

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	25.83
125.00	17.20	37.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
 Data File : BN008830.D
 Acq On : 03 Dec 2019 14:08
 Operator : JU
 Sample : K5854-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_N

Client Sampled :

C0AD3

Manual Integrations

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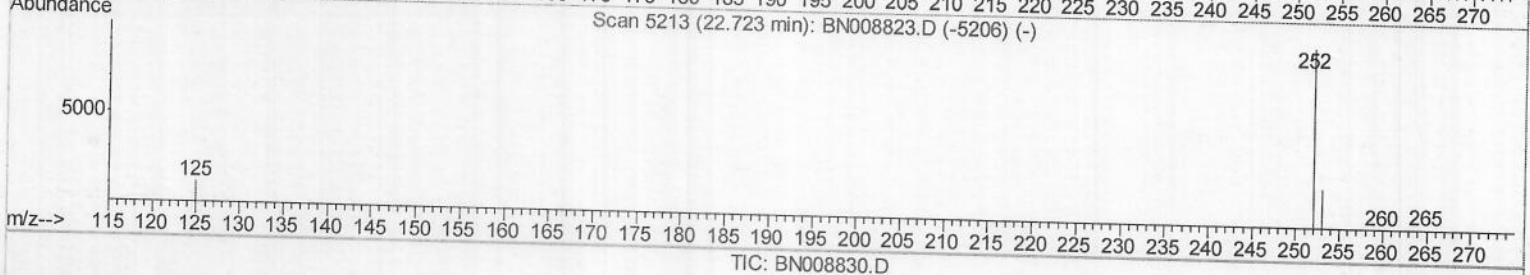
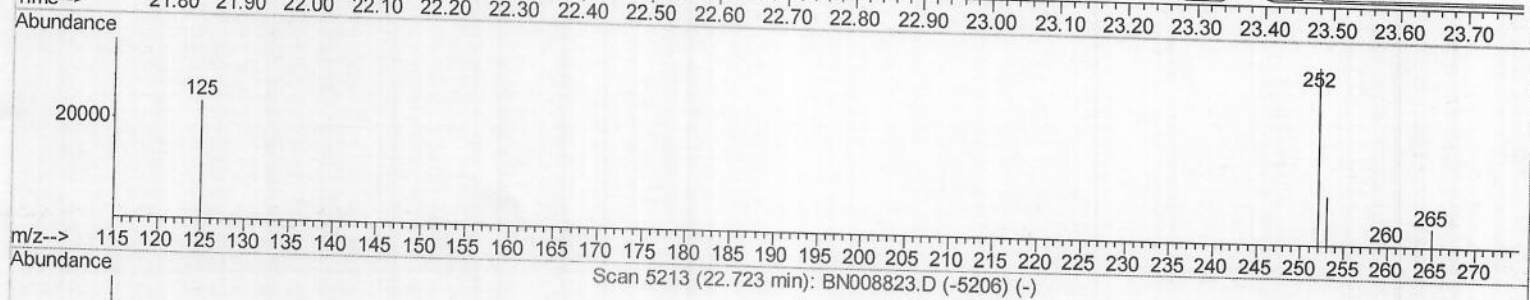
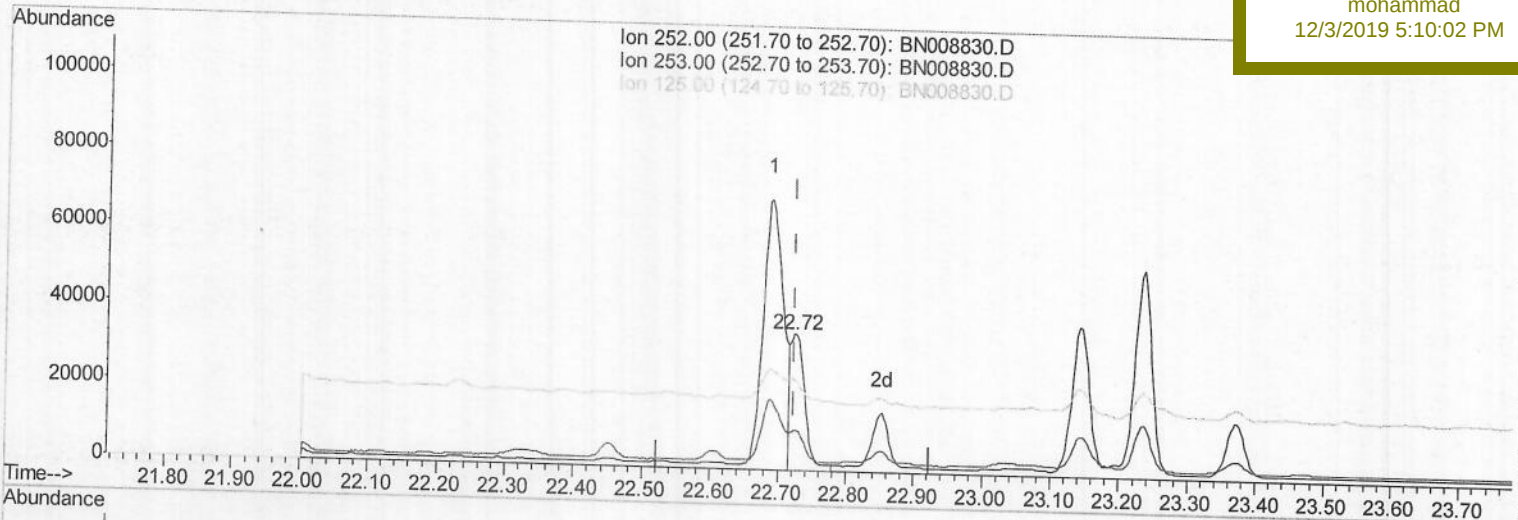
Quant Time: Dec 03 14:59:57 2019

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



(22) Benzo(k)fluoranthene

22.723min (+0.000) 0.94ng/ul m

response 53034

JU
12/3/19

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	28.67
125.00	17.20	66.62#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120319\
 Data File : BN008830.D
 Acq On : 03 Dec 2019 14:08
 Operator : JU
 Sample : K5854-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 C0AD3

Manual Integrations
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 12/3/2019 5:10:02 PM

Quant Time: Dec 03 15:01:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4171	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	17298	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	10674	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	21362m	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	15425	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	13831	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	7455	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	17534	0.27	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.40	128	57199	1.097	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	40358	1.108	ng/ul	100
7) Acenaphthylene	13.93	152	14913	0.253	ng/ul#	93
8) Acenaphthene	14.27	153	8627	0.197	ng/ul	98
9) Fluorene	15.27	166	11994	0.233	ng/ul#	93
12) Phenanthrene	17.00	178	133066	1.847	ng/ul	99
13) Anthracene	17.09	178	41447	0.609	ng/ul	97
15) Fluoranthene	19.02	202	231936	2.620	ng/ul	100
17) Pyrene	19.39	202	225124	3.638	ng/ul	97
18) Benzo(a)anthracene	21.15	228	116405	1.877	ng/ul	95
19) Chrysene	21.20	228	111485m	1.830	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	144720m	2.537	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	53034m	0.938	ng/ul	
23) Benzo(a)pyrene	23.24	252	90530	1.691	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.46	276	53083	0.848	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.46	278	13362	0.264	ng/ul#	1
26) Benzo(g,h,i)perylene	26.11	276	49308	0.941	ng/ul#	90

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

JU
 12/3/19