

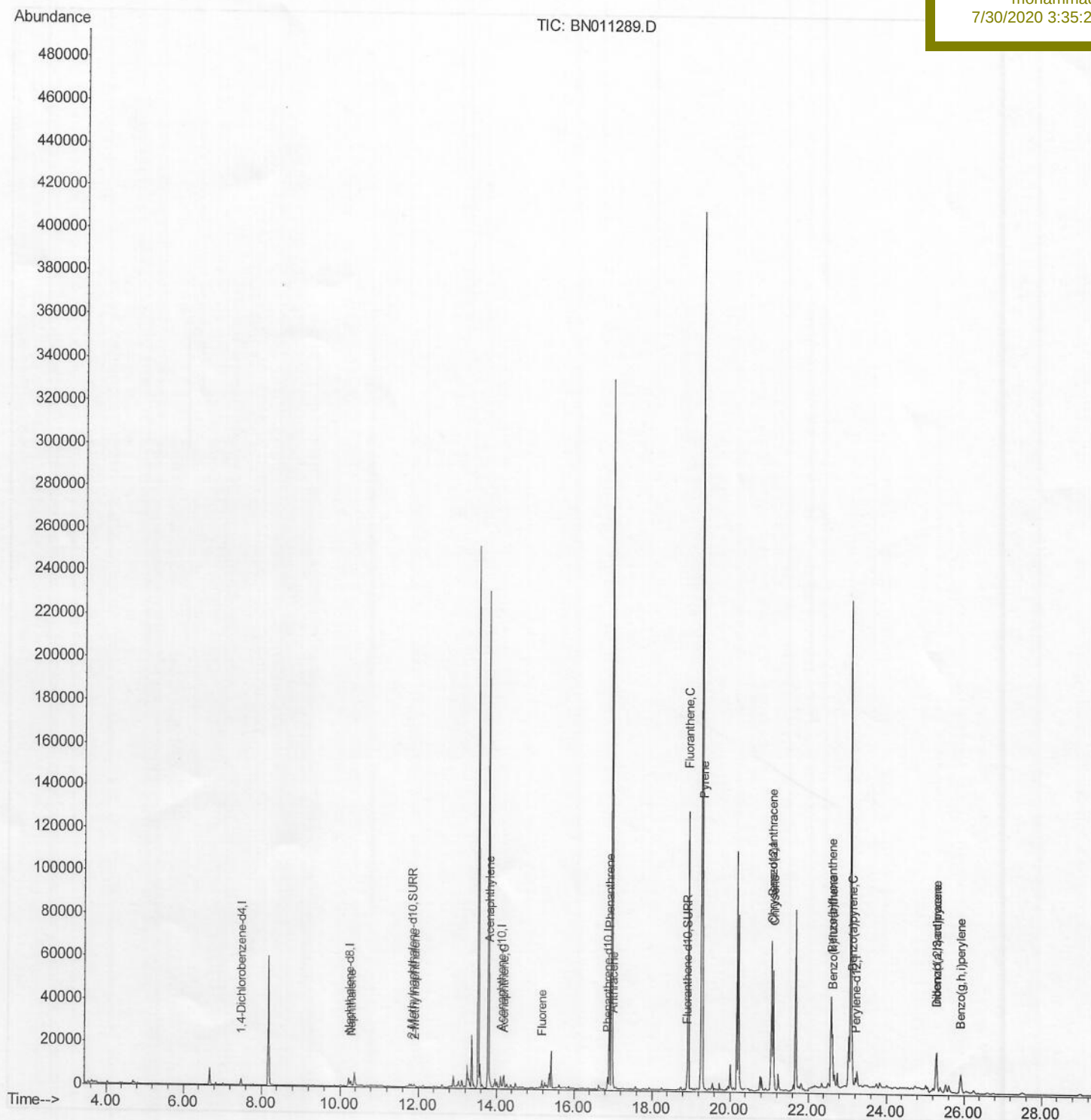
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072920\
Data File : BN011289.D
Acq On : 29 Jul 2020 10:21
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 11:28:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN072020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 11:20:12 2020
Response via : Initial Calibration

Instrument :
BNA_N
Client Sample Id :
C0AD0

Manual Integrations
APPROVED

mohammad
7/30/2020 3:35:23 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072920\

Data File : BN011289.D

Acq On : 29 Jul 2020 10:21

Operator : CG/JU

Sample : L3388-02

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 11:26:44 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN072020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 29 11:20:12 2020

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

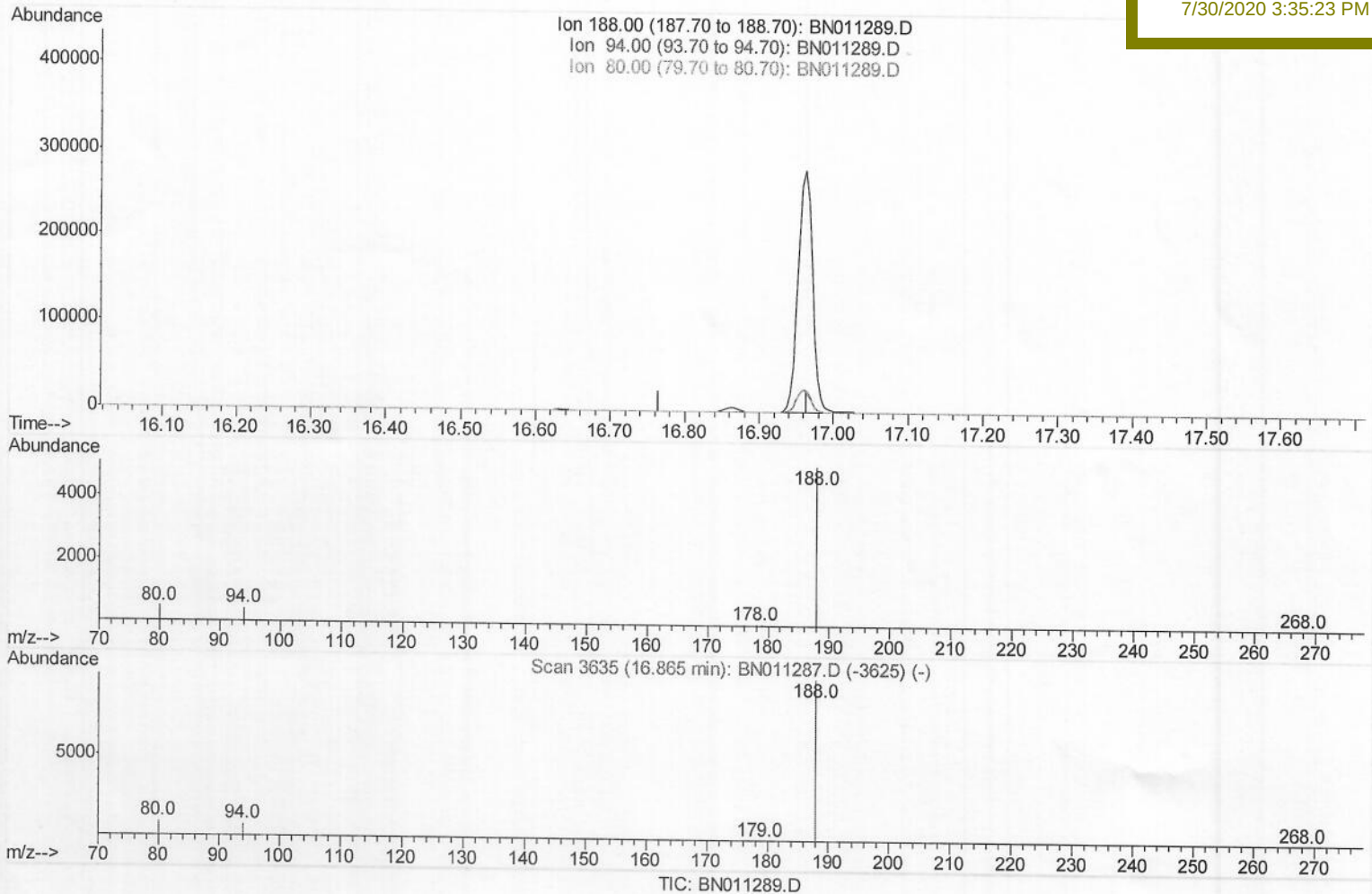
C0AD0

Manual Integrations

APPROVED

mohammad

7/30/2020 3:35:23 PM



(10) Phenanthrene-d10 (I)

16.865min (-16.865) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	8.70	0.00#
80.00	9.90	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072920\

Data File : BN011289.D

Acq On : 29 Jul 2020 10:21

Operator : CG/JU

Sample : L3388-02

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 11:26:44 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN072020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 29 11:20:12 2020

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

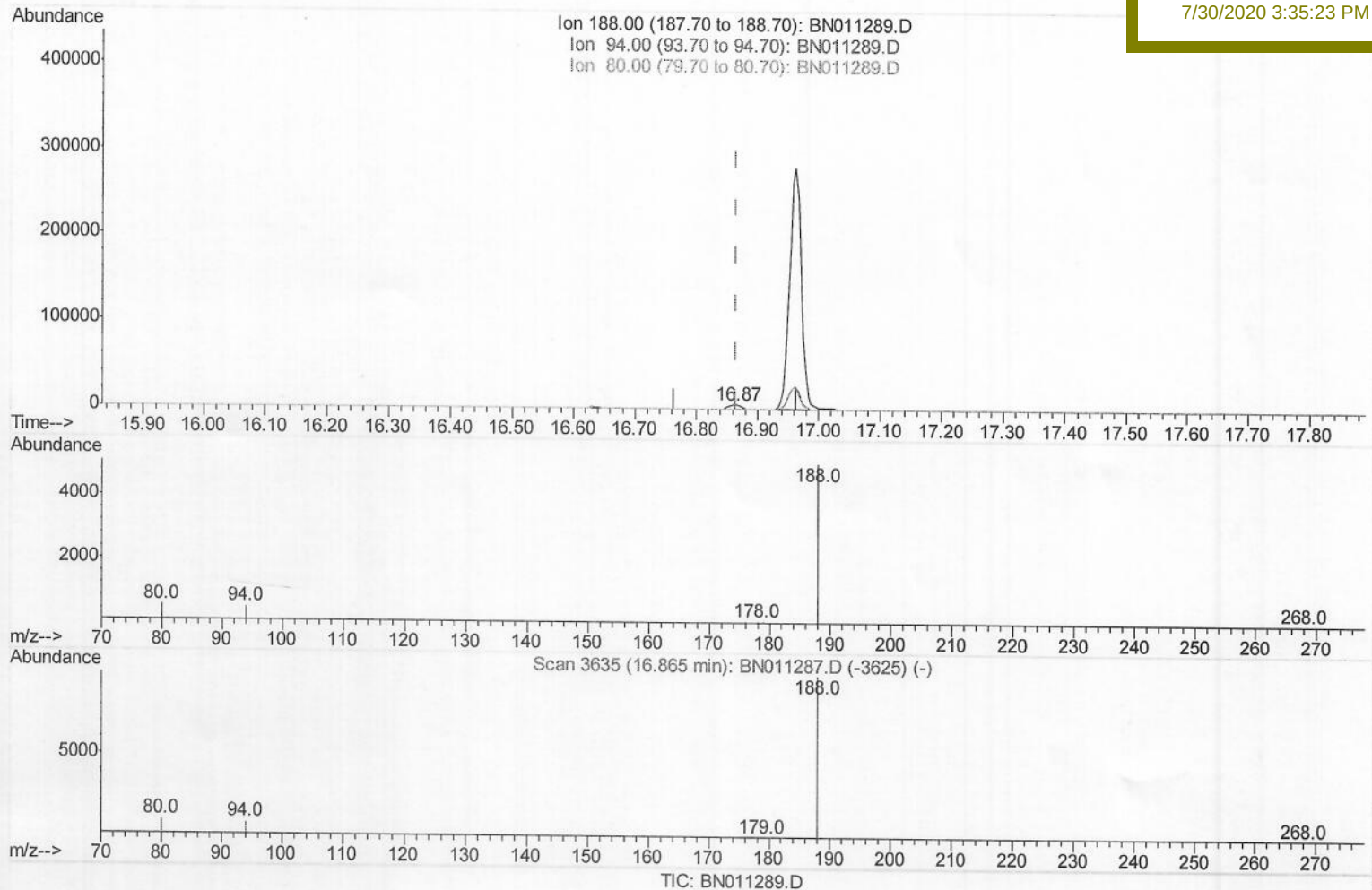
C0AD0

Manual Integrations

APPROVED

mohammad

7/30/2020 3:35:23 PM



(10) Phenanthrene-d10 (I)

16.865min (+0.000) 0.40ng/ul m

JU 07/30/20

response 7090

Ion	Exp%	Act%
188.00	100	100
94.00	8.70	9.41
80.00	9.90	10.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072920\

Data File : BN011289.D

Acq On : 29 Jul 2020 10:21

Operator : CG/JU

Sample : L3388-02

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 11:27:20 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN072020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 29 11:20:12 2020

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

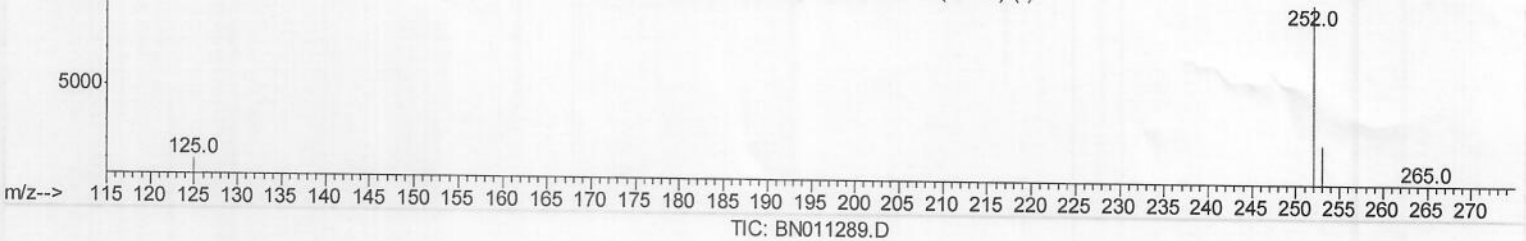
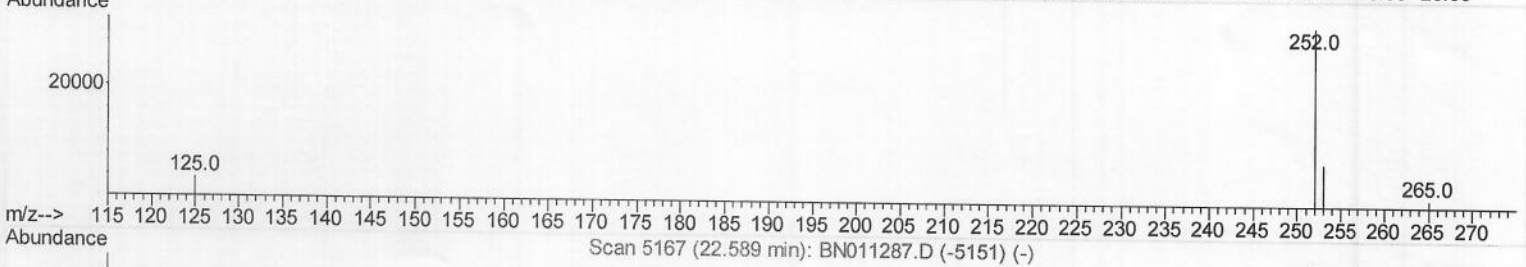
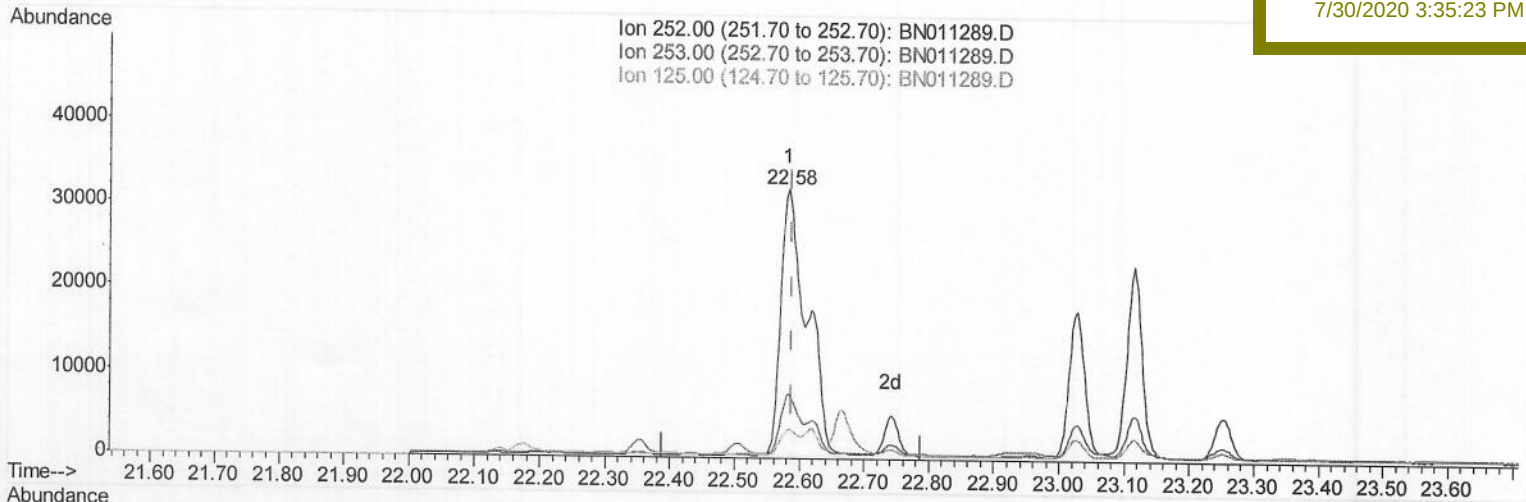
C0AD0

Manual Integrations

APPROVED

mohammad

7/30/2020 3:35:23 PM



(21) Benzo(b)fluoranthene

22.583min (-0.006) 4.32ng/ul

response 90373

Ion	Exp%	Act%
252.00	100	100
253.00	30.50	23.96
125.00	14.70	10.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072920\

Data File : BN011289.D

Acq On : 29 Jul 2020 10:21

Operator : CG/JU

Sample : L3388-02

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 11:27:20 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN072020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 29 11:20:12 2020

Response via : Initial Calibration

Instrument :

BNA_N

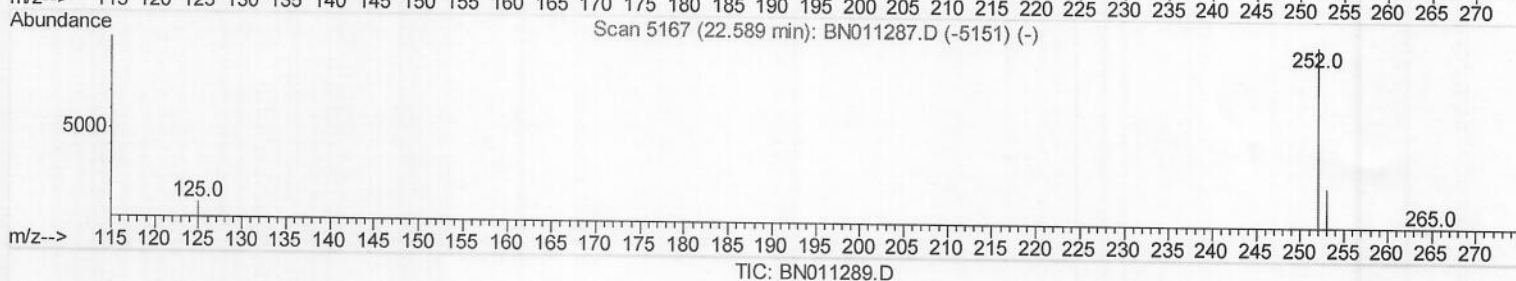
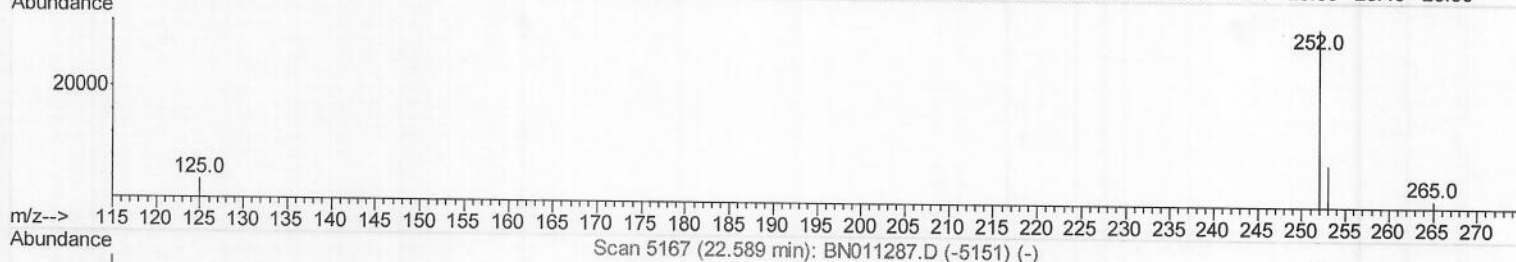
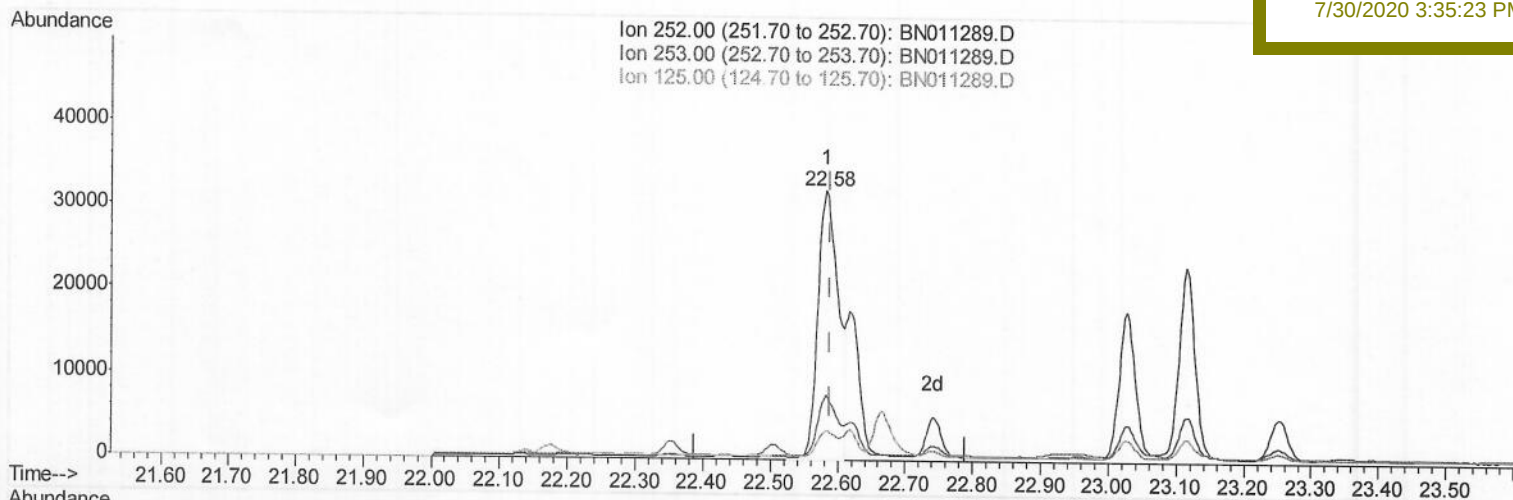
ClientSampleId :

C0AD0

Manual Integrations
APPROVED

mohammad

7/30/2020 3:35:23 PM



(21) Benzo(b)fluoranthene

22.583min (-0.006) 3.19ng/ul m

JU 07/30/20

response 66688

Ion	Exp%	Act%
252.00	100	100
253.00	30.50	23.96
125.00	14.70	10.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072920\

Data File : BN011289.D

Acq On : 29 Jul 2020 10:21

Operator : CG/JU

Sample : L3388-02

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 11:27:20 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN072020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 29 11:20:12 2020

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

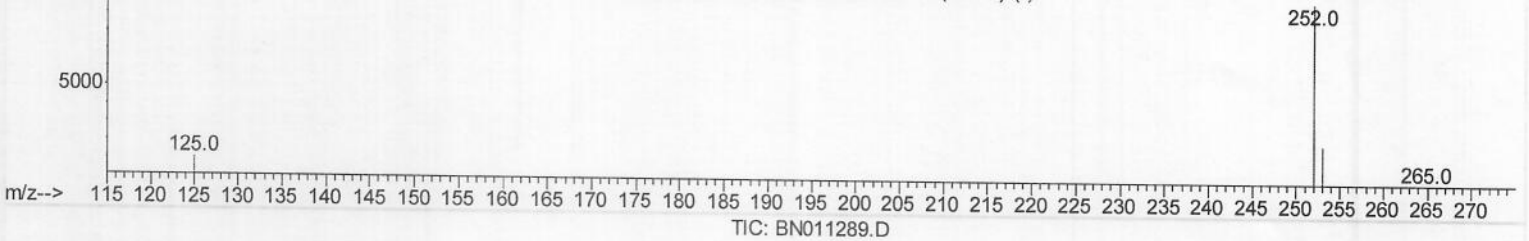
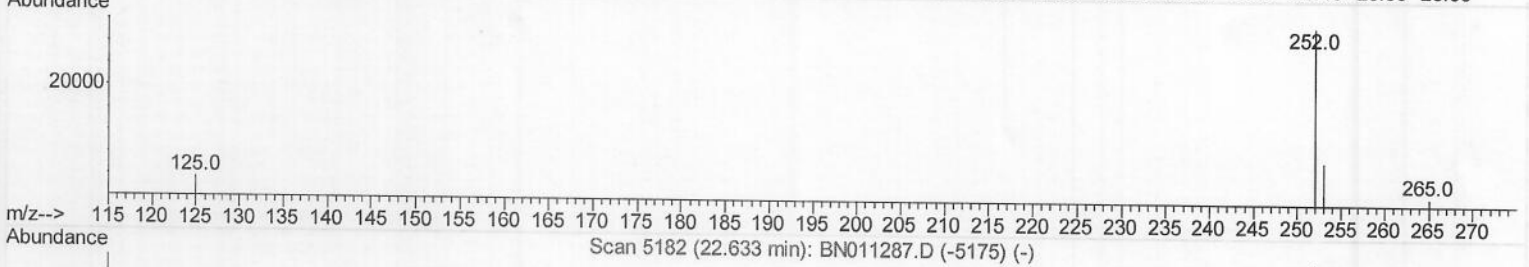
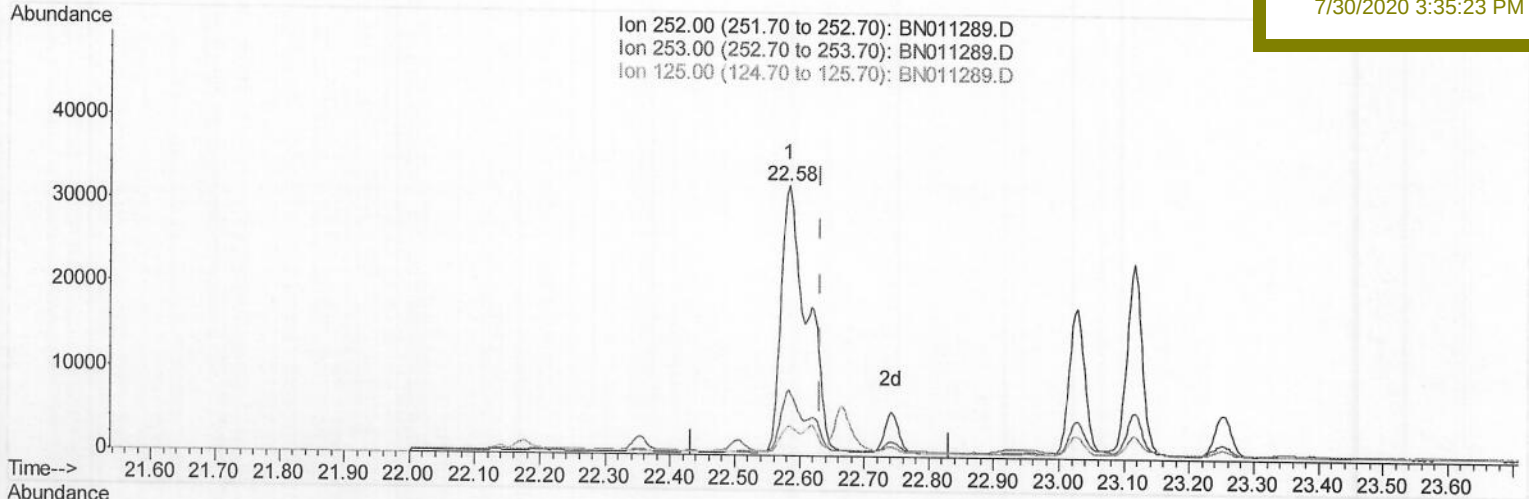
C0AD0

Manual Integrations

APPROVED

mohammad

7/30/2020 3:35:23 PM



(22) Benzo(k)fluoranthene

22.583min (-0.050) 3.76ng/ul

response 90373

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	23.96
125.00	15.50	10.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072920\

Data File : BN011289.D

Acq On : 29 Jul 2020 10:21

Operator : CG/JU

Sample : L3388-02

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 11:27:20 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN072020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 29 11:20:12 2020

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

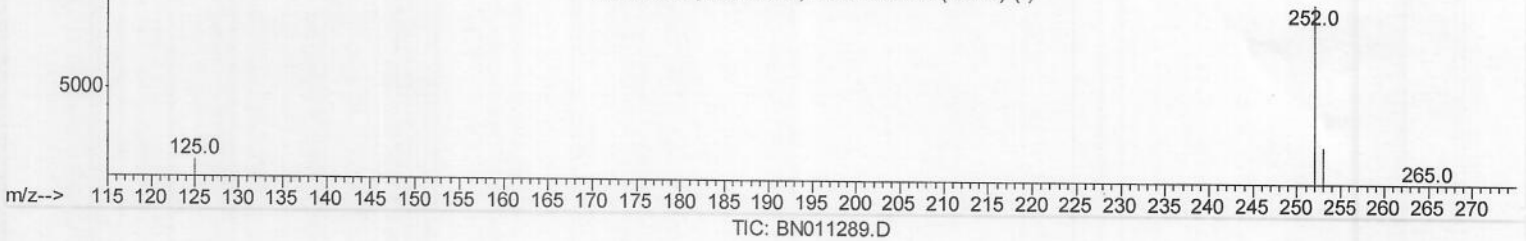
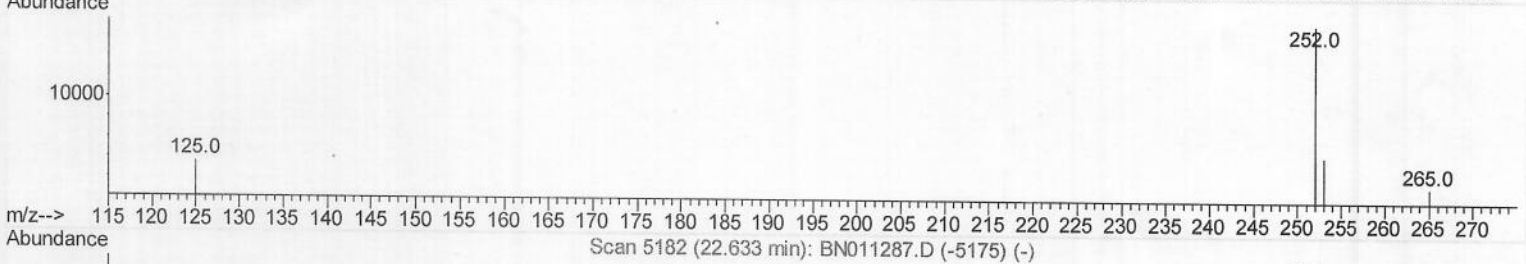
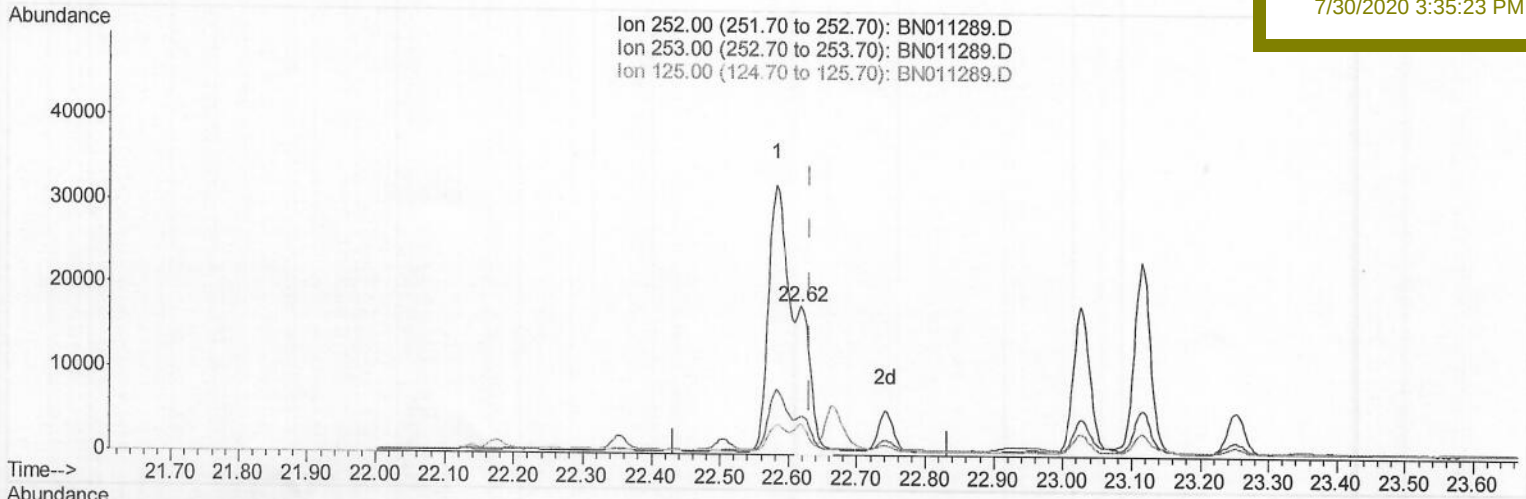
C0AD0

Manual Integrations

APPROVED

mohammad

7/30/2020 3:35:23 PM



(22) Benzo(k)fluoranthene

22.618min (-0.015) 1.07ng/ul m JU 07/30/20

response 25761

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	25.89
125.00	15.50	20.62#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072920\
 Data File : BN011289.D
 Acq On : 29 Jul 2020 10:21
 Operator : CG/JU
 Sample : L3388-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 11:28:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN072020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 11:20:12 2020
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0

Manual Integrations
 APPROVED

mohammad
 7/30/2020 3:35:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1423	0.40	ng/ul	0.00
2) Naphthalene-d8	10.22	136	4807	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	2890	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	7090m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	6046	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	4846	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.82	152	1708	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	4684	0.15	ng/ul	0.00

Target Compounds						
3) Naphthalene	10.27	128	2904	0.202	ng/ul	Ovalue 99
5) 2-Methylnaphthalene	11.90	142	731	0.078	ng/ul	99
7) Acenaphthylene	13.82	152	1216	0.087	ng/ul#	89
8) Acenaphthene	14.17	153	2238	0.203	ng/ul	99
9) Fluorene	15.17	166	2001	0.160	ng/ul#	99
12) Phenanthrene	16.90	178	52963	2.266	ng/ul	98
13) Anthracene	17.00	178	10352	0.538	ng/ul	98
15) Fluoranthene	18.93	202	114256	4.376	ng/ul	99
17) Pyrene	19.30	202	93794	2.906	ng/ul	100
18) Benzo(a)anthracene	21.06	228	57139	2.673	ng/ul	98
19) Chrysene	21.11	228	54075	1.902	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	66688m	3.187	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	25761m	1.073	ng/ul	
23) Benzo(a)pyrene	23.12	252	37638	2.138	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.28	276	26480	1.277	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.29	278	7597	0.486	ng/ul	94
26) Benzo(a,h,i)perylene	25.91	276	17940	0.870	ng/ul	98

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