

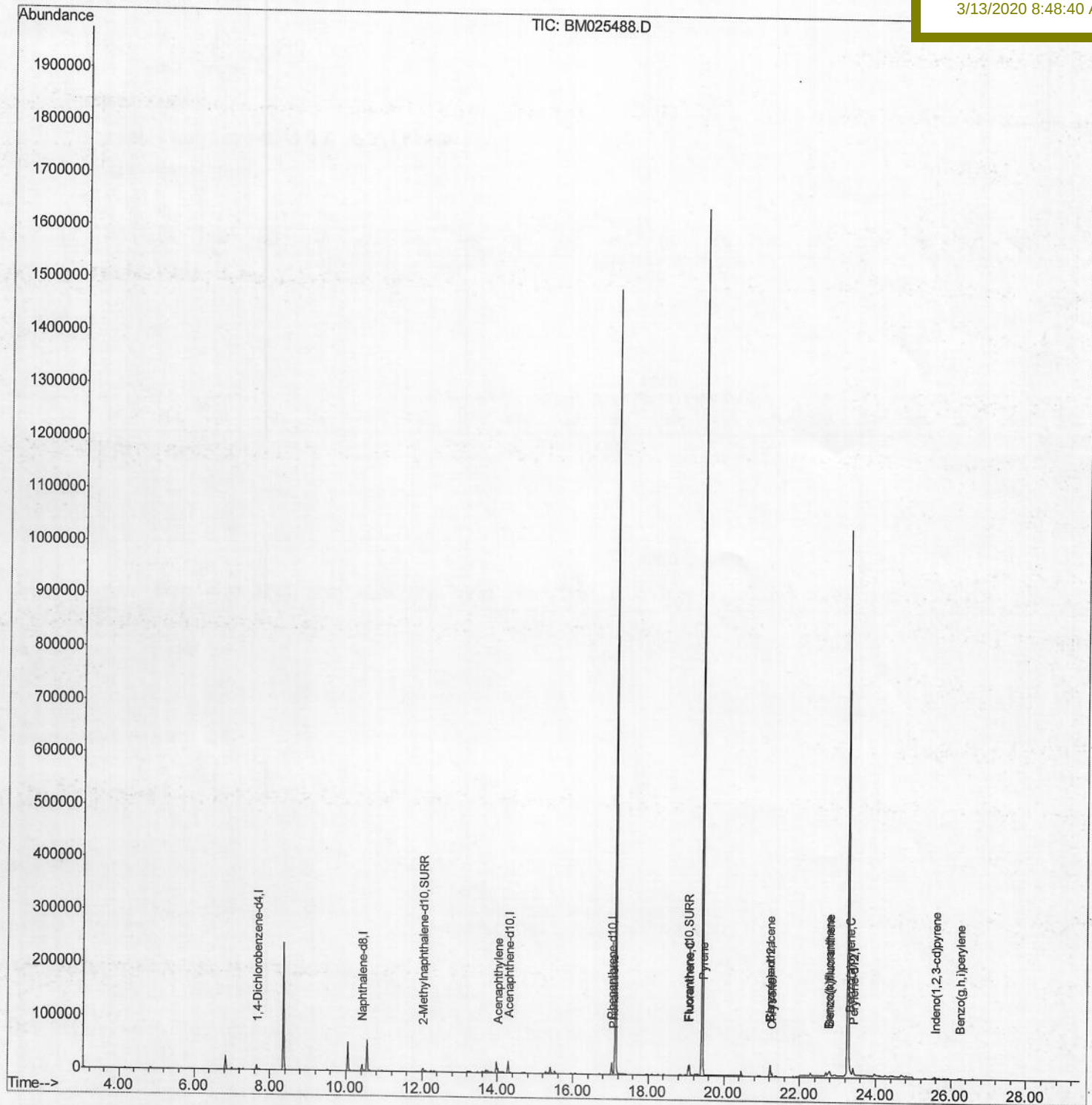
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025488.D
Acq On : 11 Mar 2020 13:14
Operator : CG/JU
Sample : L1677-11
Misc :
ALS Vial : 81 Sample Multiplier: 1

Quant Time: Mar 11 13:56:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0CC1

Manual Integrations
APPROVED

mohammad
3/13/2020 8:48:40 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\

Data File : BM025488.D

Acq On : 11 Mar 2020 13:14

Operator : CG/JU

Sample : L1677-11

Misc :

ALS Vial : 81 Sample Multiplier: 1

Quant Time: Mar 11 13:54:39 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 11 07:15:41 2020

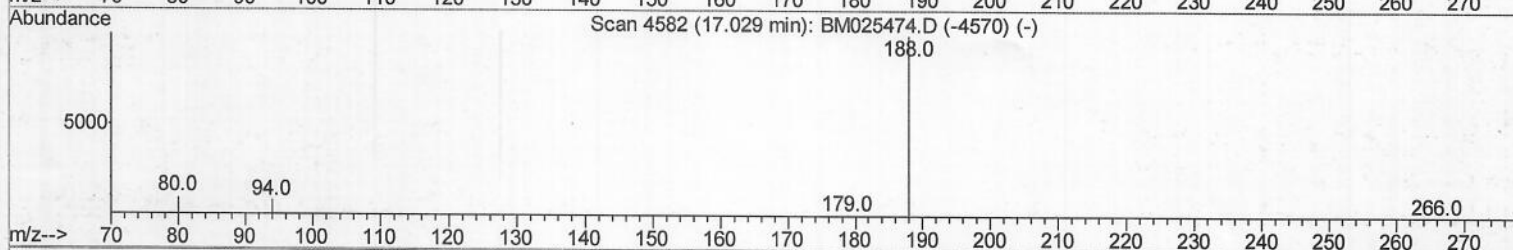
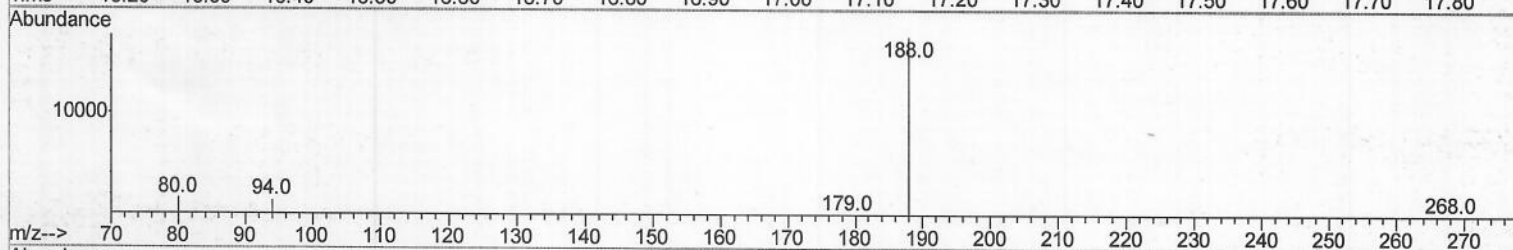
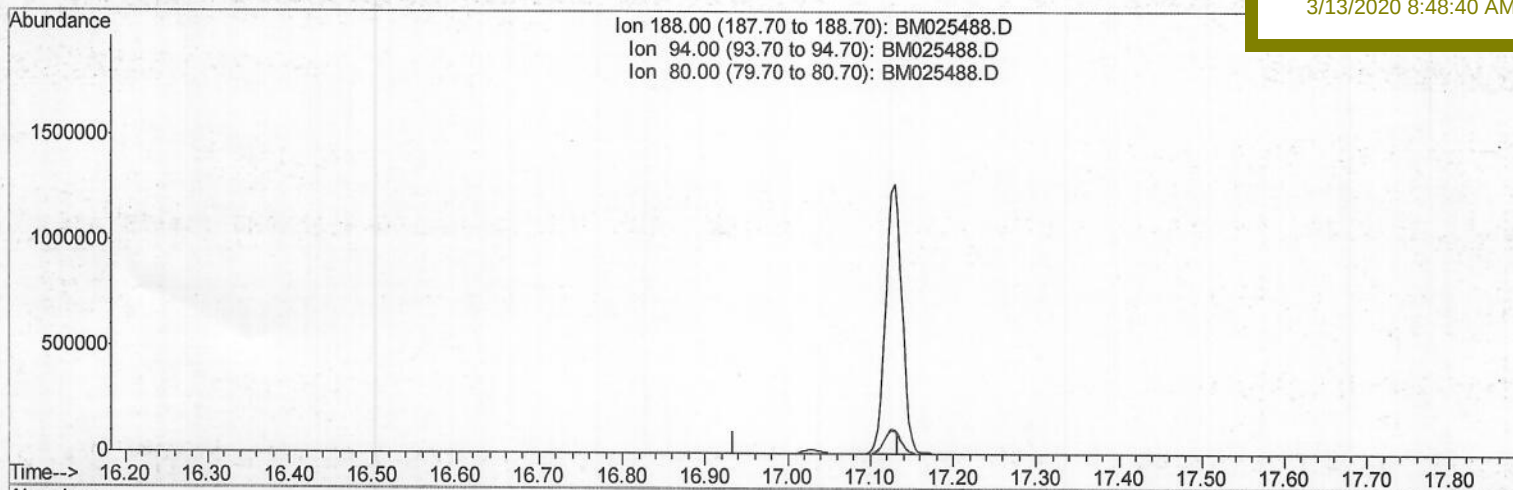
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

C0CC1

Manual Integrations
APPROVEDmohammad
3/13/2020 8:48:40 AM

TIC: BM025488.D

(10) Phenanthrene-d10 (I)

17.034min (-17.034) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	7.10	0.00#
80.00	8.70	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\

Data File : BM025488.D

Acq On : 11 Mar 2020 13:14

Operator : CG/JU

Sample : L1677-11

Misc :

ALS Vial : 81 Sample Multiplier: 1

Quant Time: Mar 11 13:54:39 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 11 07:15:41 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampled :

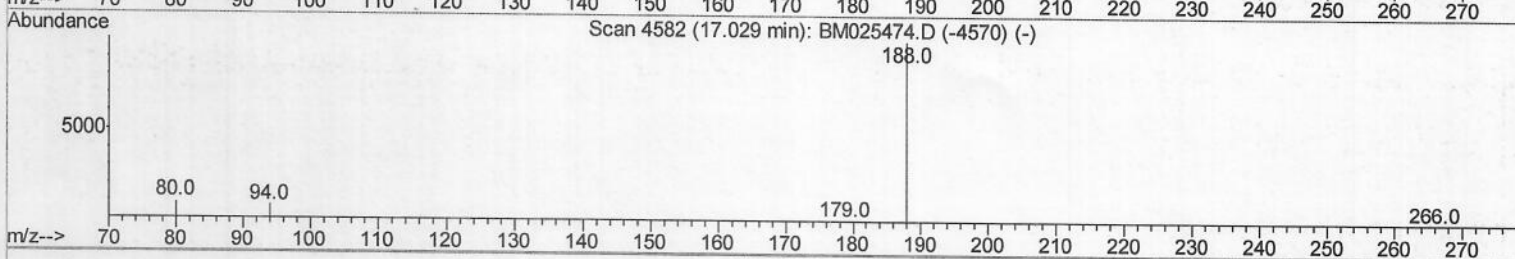
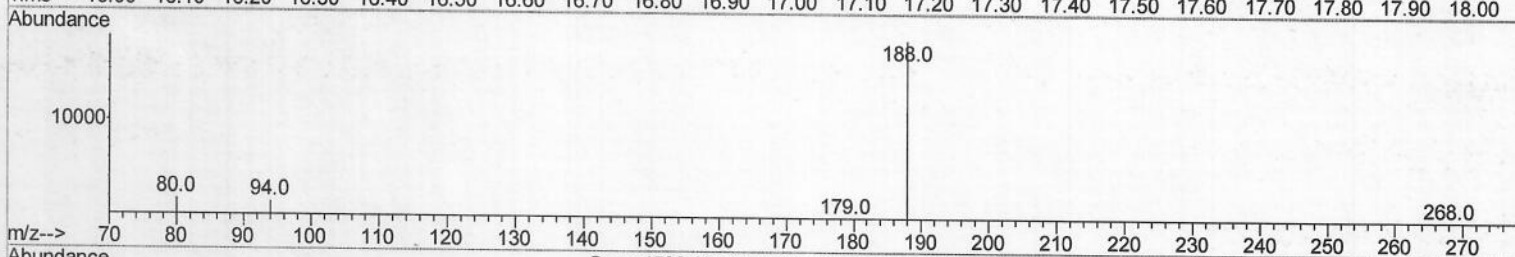
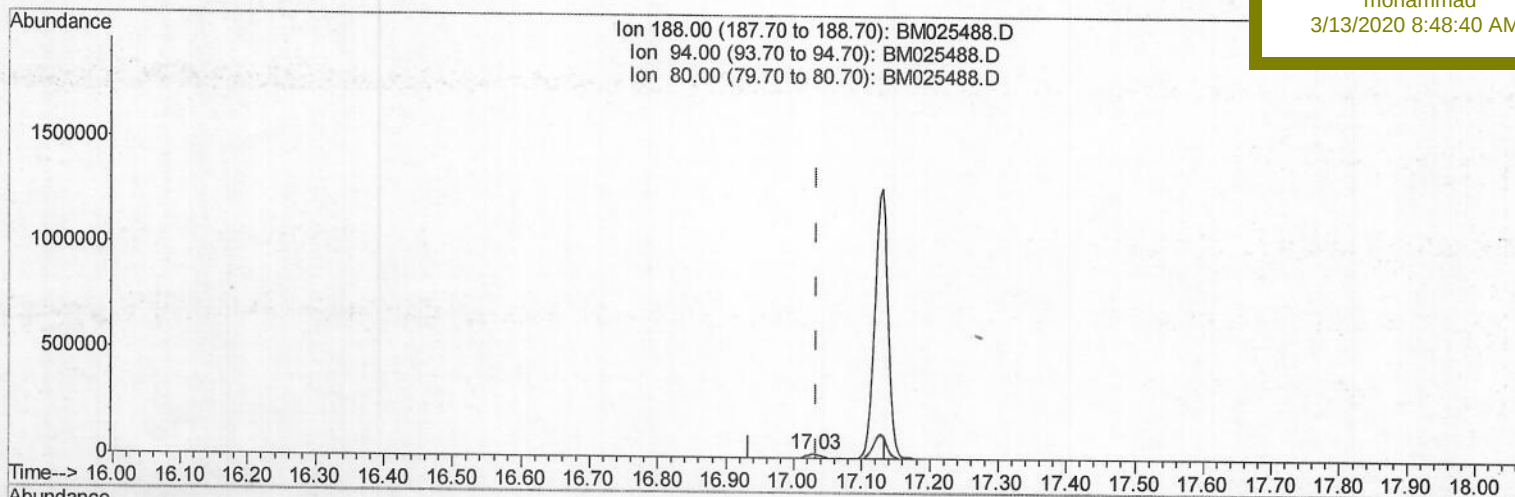
C0CC1

Manual Integrations

APPROVED

mohammad

3/13/2020 8:48:40 AM



(10) Phenanthrene-d10 (I)

17.029min (-0.005) 0.40ng/ul m *500 03/16/20*

response 25302

Ion	Exp%	Act%
188.00	100	100
94.00	7.10	8.09
80.00	8.70	9.48
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\

Data File : BM025488.D

Acq On : 11 Mar 2020 13:14

Operator : CG/JU

Sample : L1677-11

Misc :

ALS Vial : 81 Sample Multiplier: 1

Quant Time: Mar 11 13:55:17 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 11 07:15:41 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

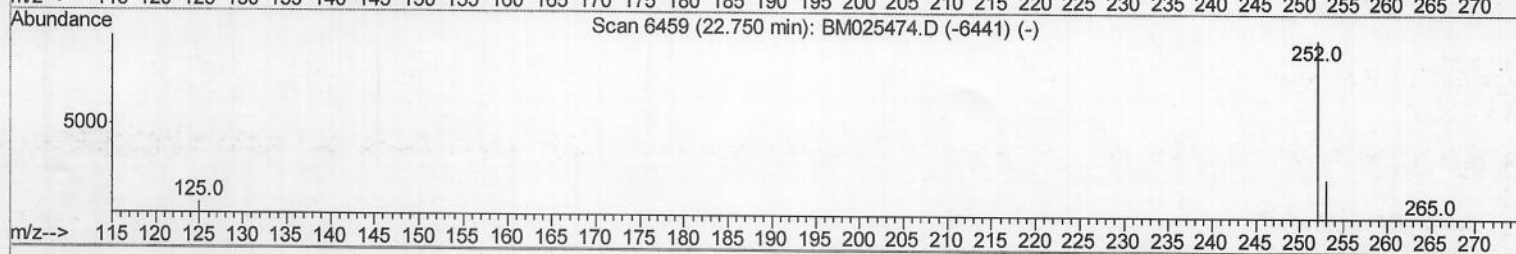
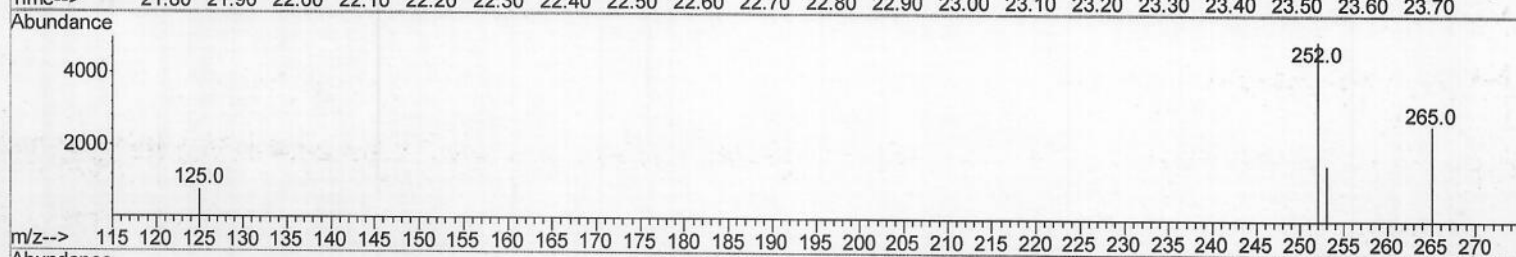
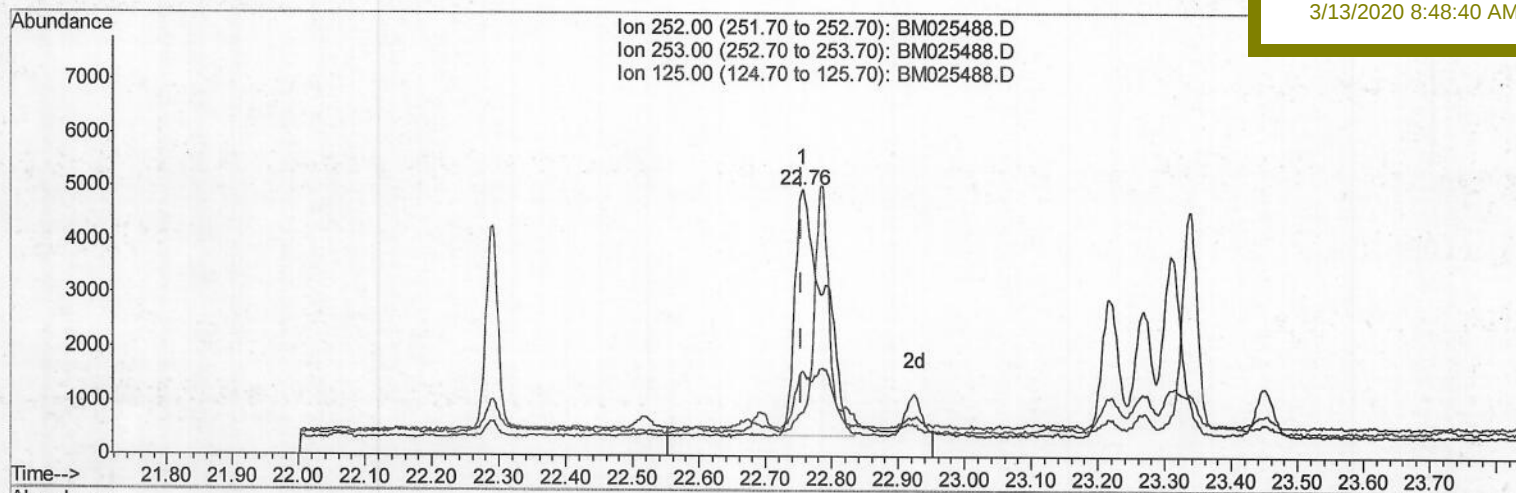
C0CC1

Manual Integrations

APPROVED

mohammad

3/13/2020 8:48:40 AM



TIC: BM025488.D

(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.20ng/ul

response 13798

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	31.91
125.00	8.80	16.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\

Data File : BM025488.D

Acq On : 11 Mar 2020 13:14

Operator : CG/JU

Sample : L1677-11

Misc :

ALS Vial : 81 Sample Multiplier: 1

Quant Time: Mar 11 13:55:17 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 11 07:15:41 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

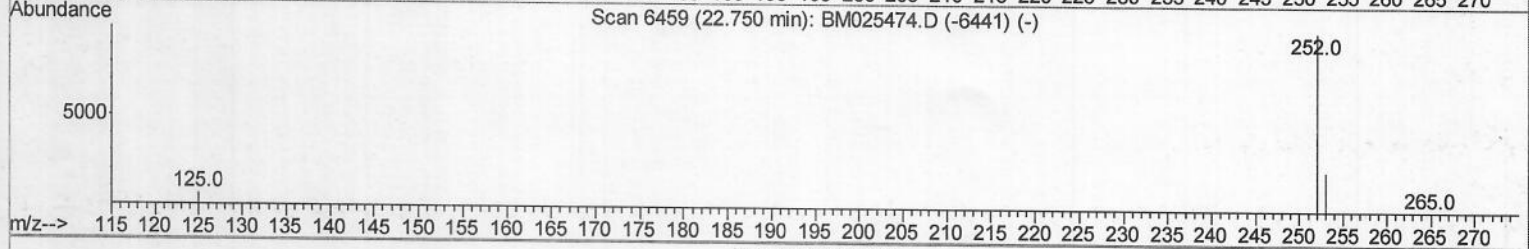
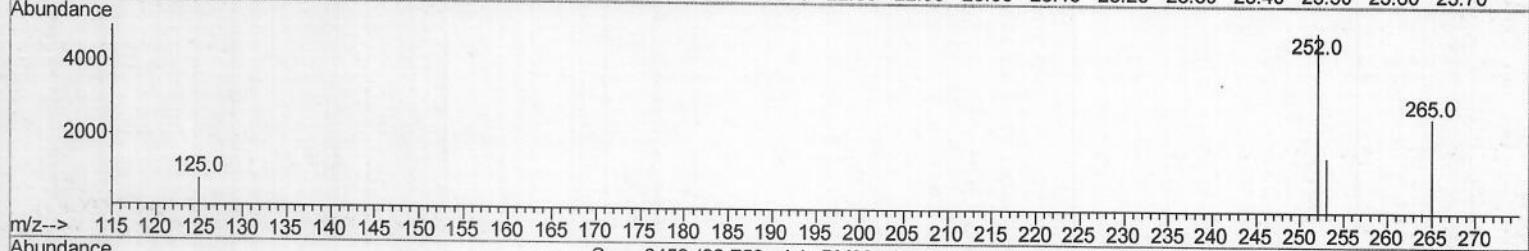
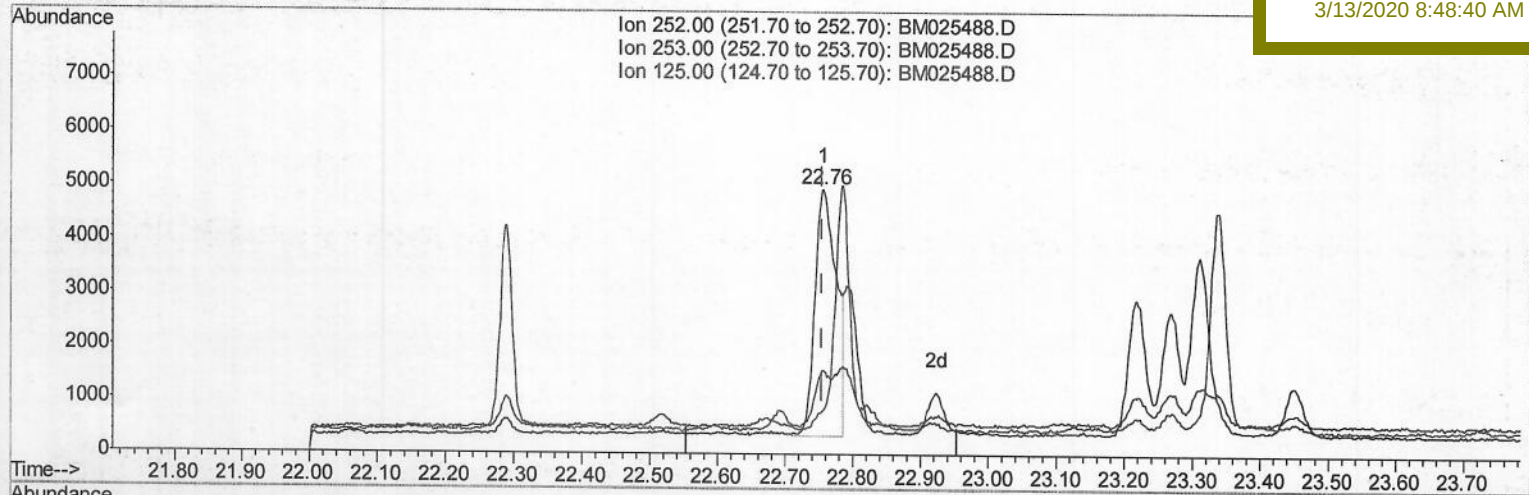
C0CC1

Manual Integrations

APPROVED

mohammad

3/13/2020 8:48:40 AM



TIC: BM025488.D

(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.15ng/ul m > 50 03/16/20

response 10264

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	31.91
125.00	8.80	16.54
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\

Data File : BM025488.D

Acq On : 11 Mar 2020 13:14

Operator : CG/JU

Sample : L1677-11

Misc :

ALS Vial : 81 Sample Multiplier: 1

Quant Time: Mar 11 13:55:17 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 11 07:15:41 2020

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

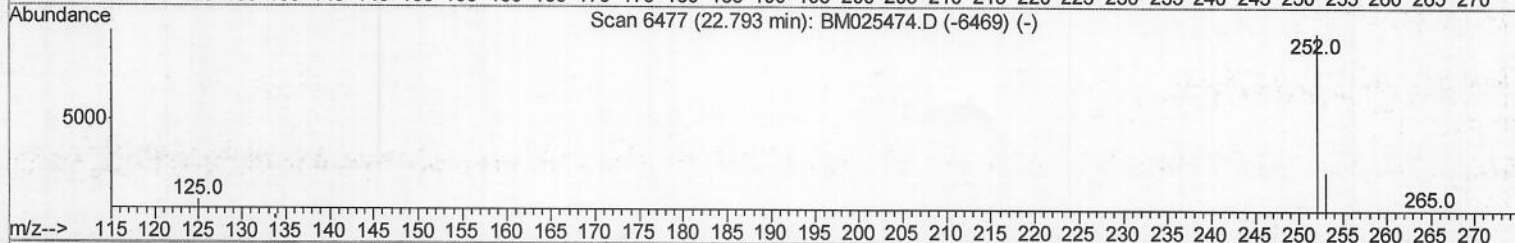
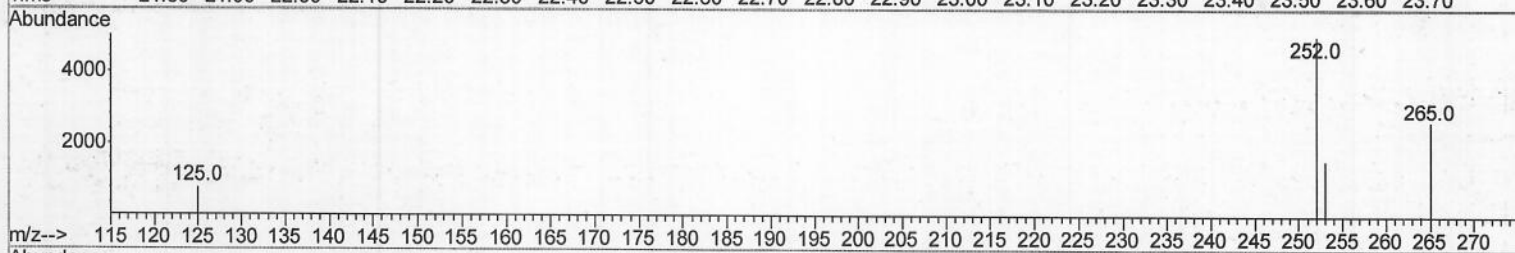
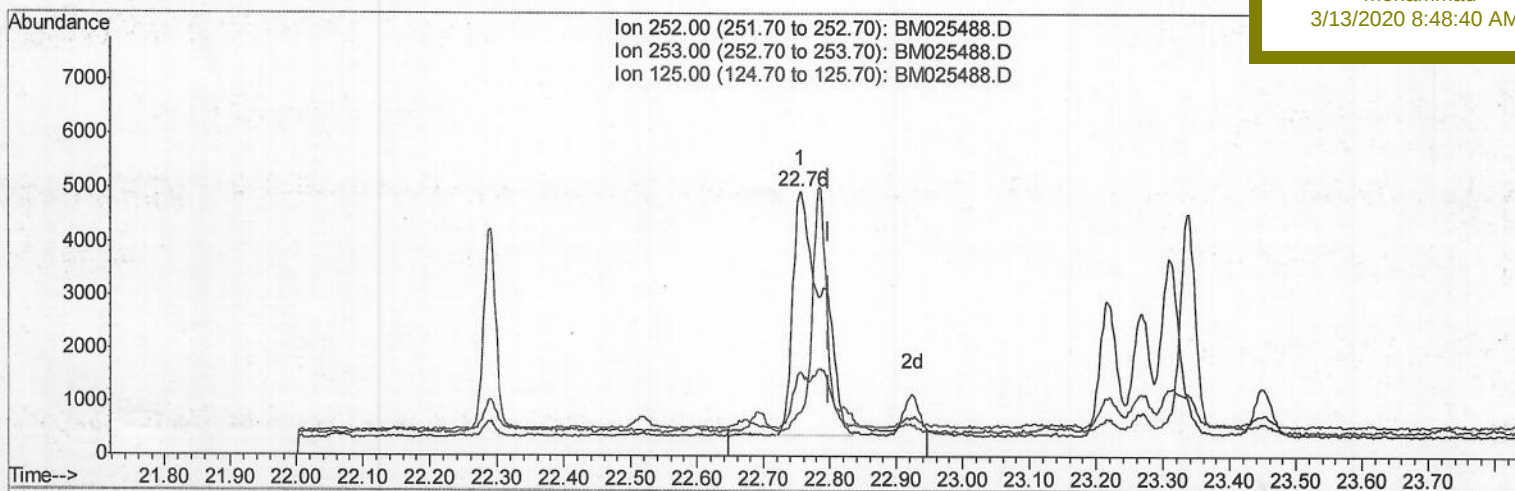
C0CC1

Manual Integrations

APPROVED

mohammad

3/13/2020 8:48:40 AM



TIC: BM025488.D

(22) Benzo(k)fluoranthene

22.757min (-0.041) 0.19ng/ul

response 13798

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	31.91#
125.00	8.90	16.54#
0.00	0.00	0.00

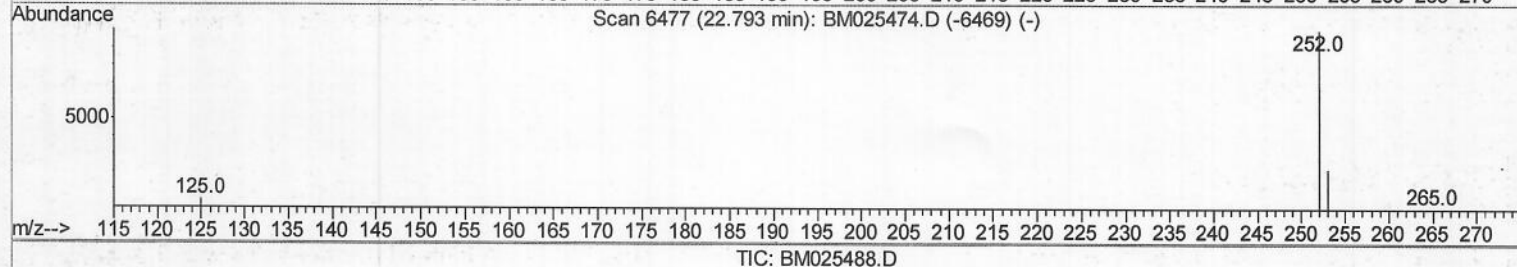
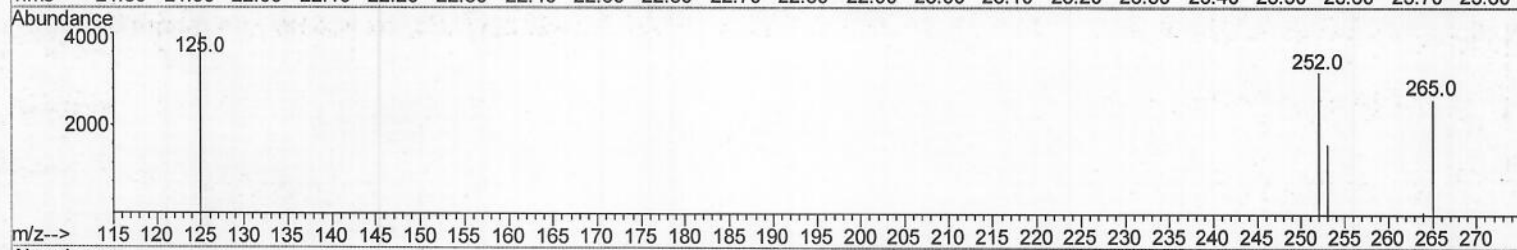
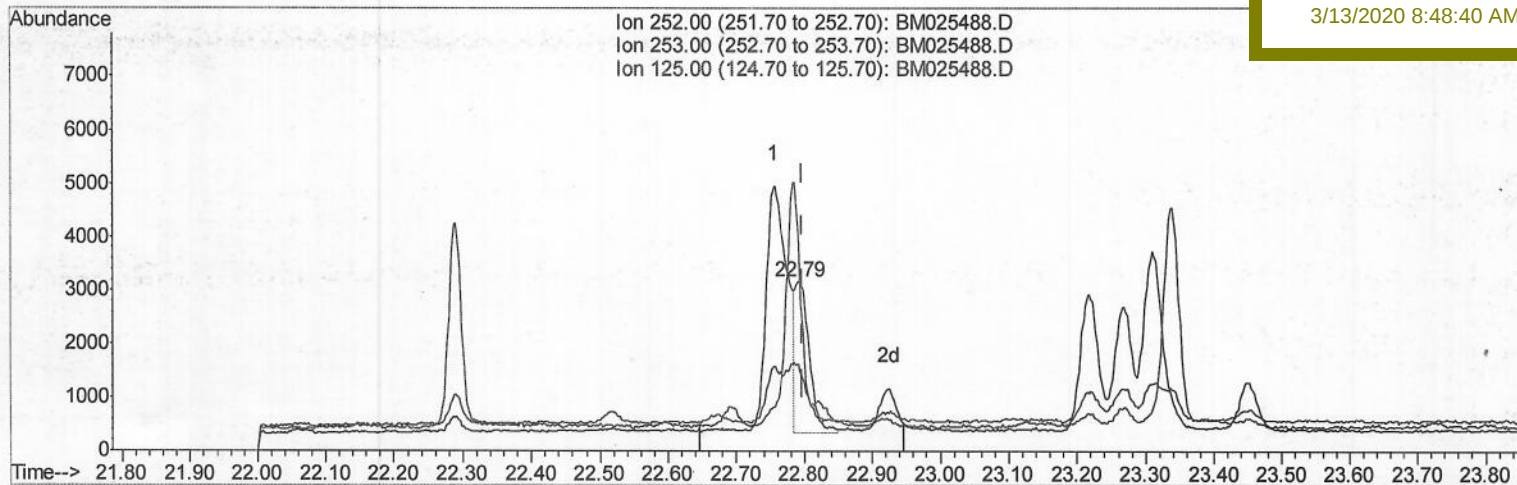
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025488.D
Acq On : 11 Mar 2020 13:14
Operator : CG/JU
Sample : L1677-11
Misc :
ALS Vial : 81 Sample Multiplier: 1

Quant Time: Mar 11 13:55:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleID :
C0CC1

Manual Integrations
APPROVED

mohammad
3/13/2020 8:48:40 AM



(22) Benzo(k)fluoranthene

22.791min (-0.007) 0.06ng/ul m>Ju 03/16/20

response 4238

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	51.48#
125.00	8.90	126.63#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025488.D
 Acq On : 11 Mar 2020 13:14
 Operator : CG/JU
 Sample : L1677-11
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CC1

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:48:40 AM

Quant Time: Mar 11 13:56:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 07:15:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3561	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15987	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11784	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	25302m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	17934	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	17228	0.40	ng/ul	0.00

JU 03/16/20

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	8502	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	20454	0.29	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	14.01	152	1001	0.021	ng/ul#	76
12) Phenanthrene	17.07	178	4581	0.057	ng/ul#	95
15) Fluoranthene	19.09	202	16730	0.192	ng/ul	97
17) Pyrene	19.45	202	16044	0.199	ng/ul#	96
18) Benzo(a)anthracene	21.20	228	6758	0.105	ng/ul	95
19) Chrysene	21.26	228	7186	0.100	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	10264m	0.150	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	4238m	0.059	ng/ul	
23) Benzo(a)pyrene	23.31	252	6340	0.112	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.57	276	4345	0.057	ng/ul#	87
26) Benzo(g,h,i)perylene	26.23	276	4134	0.062	ng/ul#	89

JU 03/16/20

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