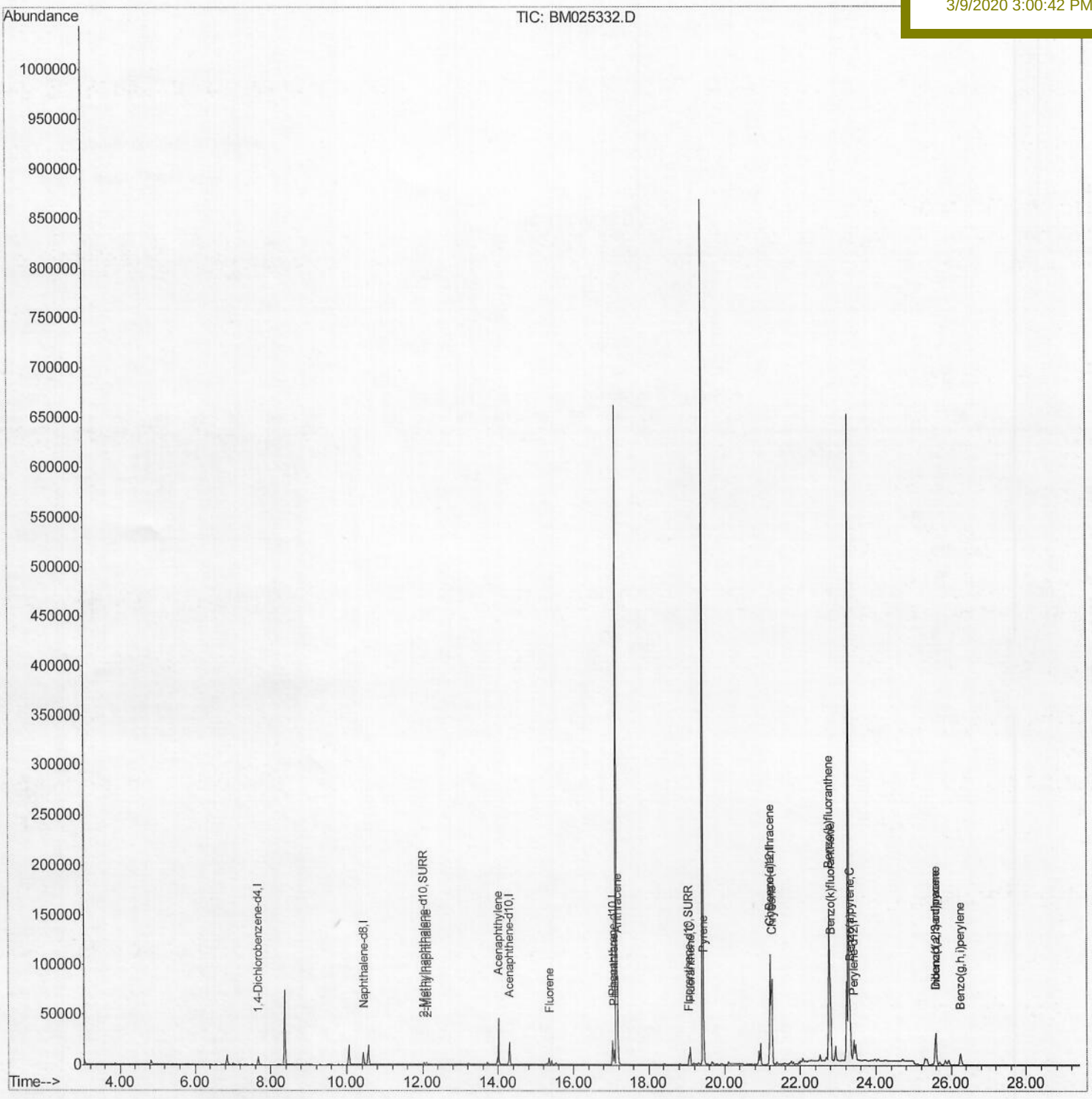
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025332.D
Acq On : 07 Mar 2020 03:54
Operator : CG/JU
Sample : L1612-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 07 05:53:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 00:01:42 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDM0

Manual Integrations APPROVED
mohammad
3/9/2020 3:00:42 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025332.D
Acq On : 07 Mar 2020 03:54
Operator : CG/JU
Sample : L1612-18
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Quant Time: Mar 07 05:51:03 2020
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ClientSampleId :
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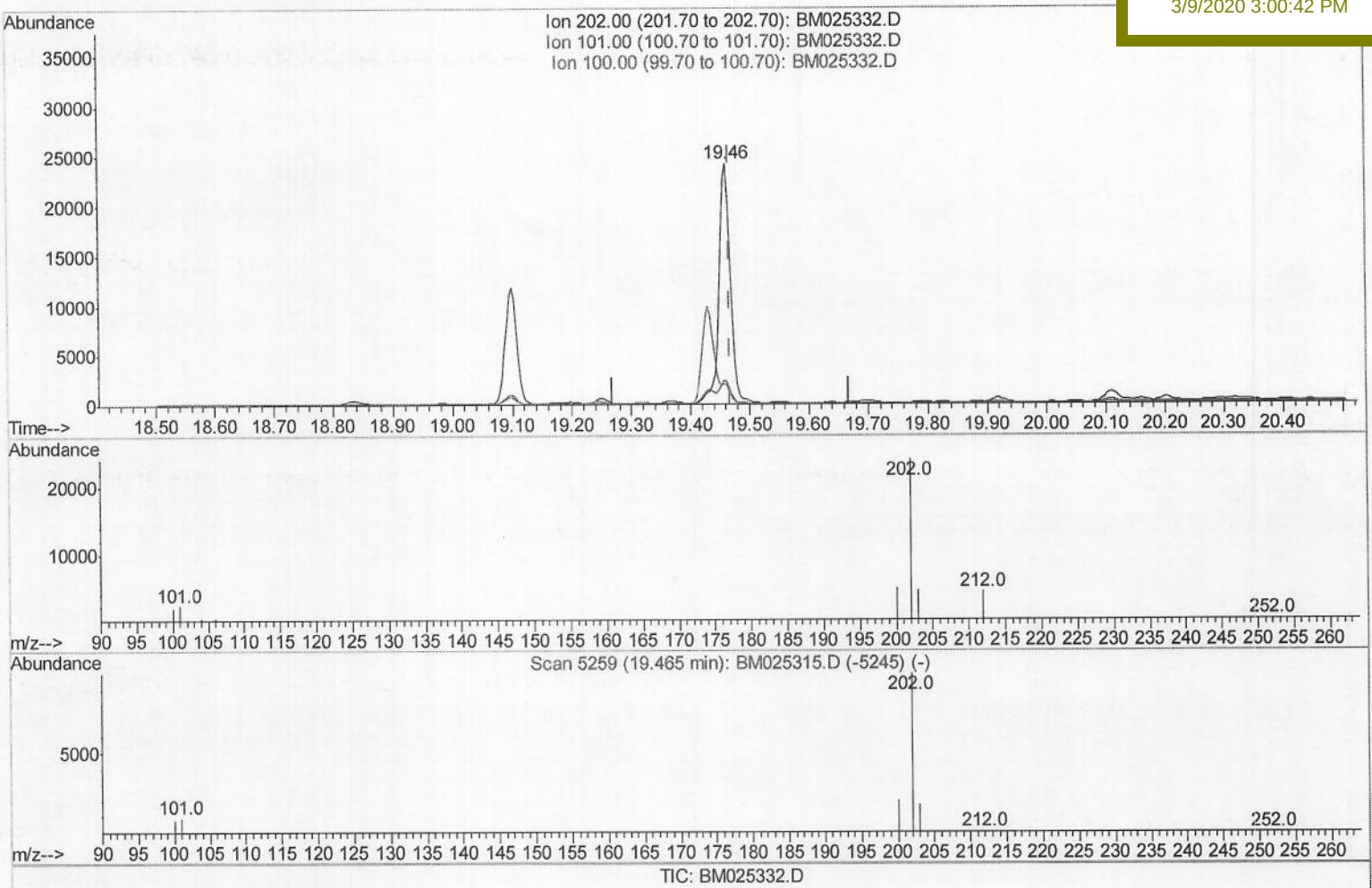
Manual Integrations APPROVED
mohammad
3/9/2020 3:00:42 PM



TIC: BM025332.D

(17) Pyrene

19.461min (-0.007) 0.30ng/ul

response 32512

Ion	Exp%	Act%
202.00	100	100
101.00	10.90	9.65
100.00	9.10	8.01
0.00	0.00	0.00

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BNA_M
ClientSampleId :
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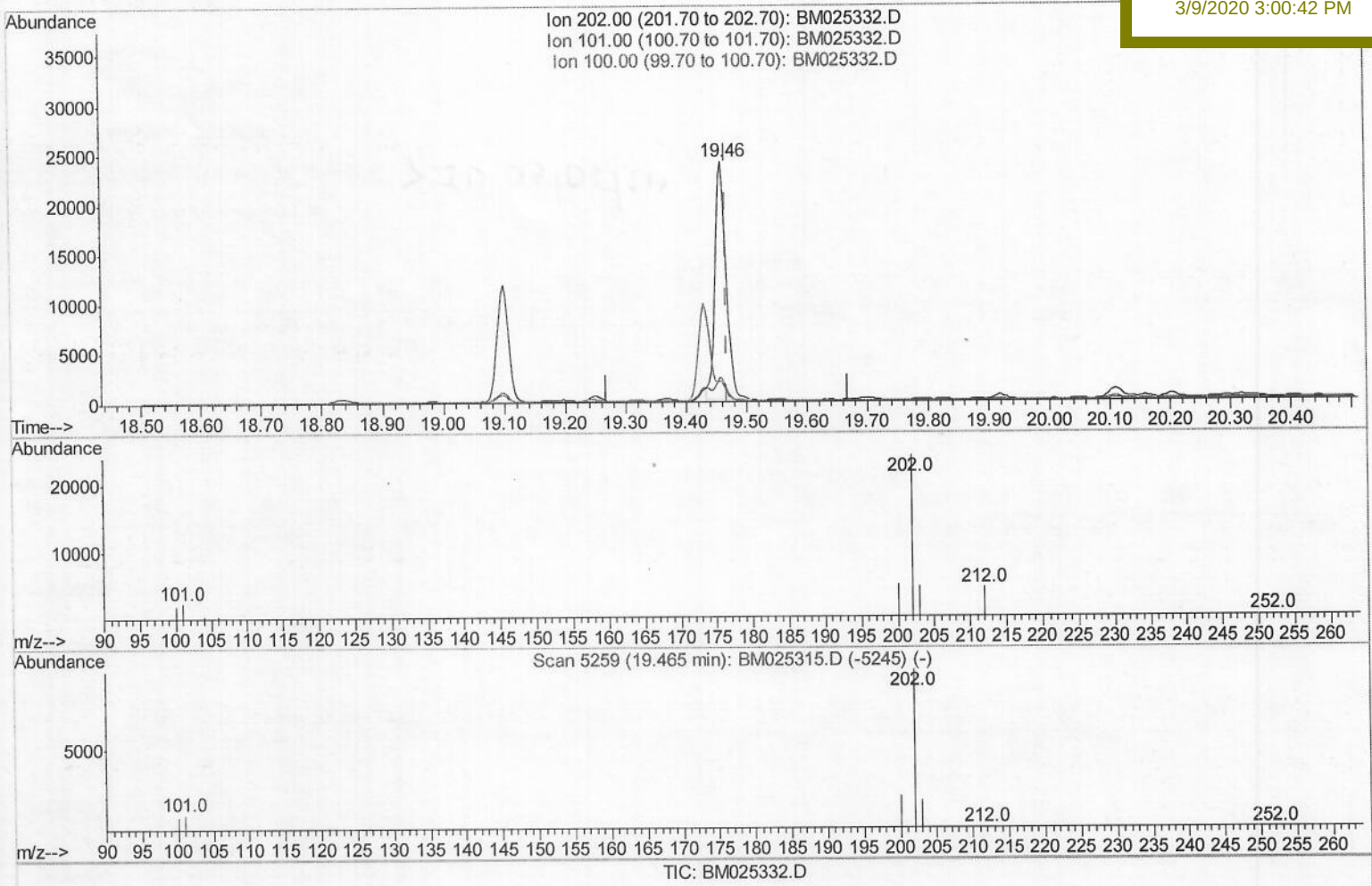
Manual Integrations APPROVED
mohammad
3/9/2020 3:00:42 PM



TIC: BM025332.D

(17) Pyrene

19.461min (-0.007) 0.29ng/ul m JSU 03/11/20

response 31253

Ion	Exp%	Act%
202.00	100	100
101.00	10.90	9.65
100.00	9.10	8.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
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BNA_M
ClientSampleId :
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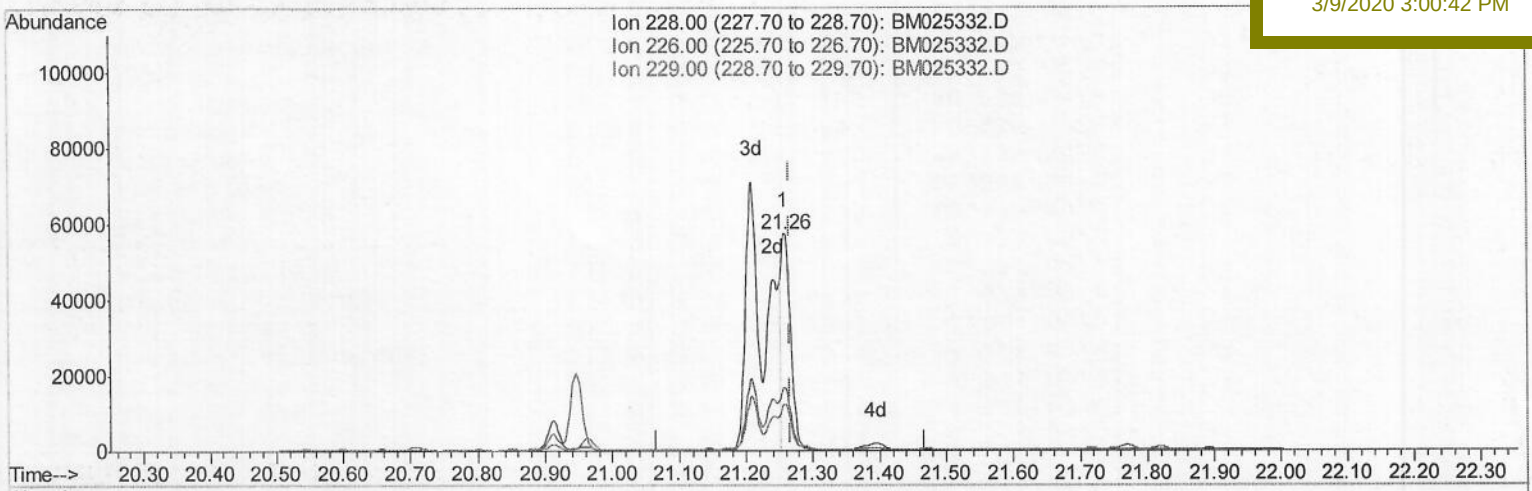
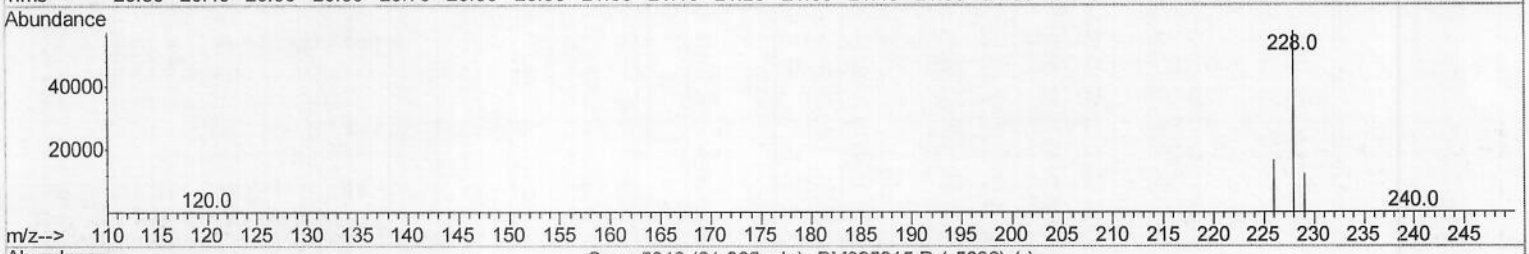
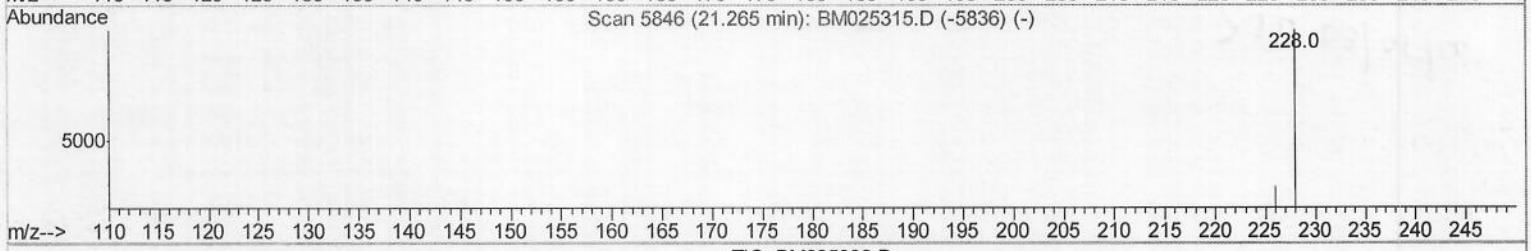
Manual Integrations APPROVED
mohammad
3/9/2020 3:00:42 PM







TIC: BM025332.D

(19) Chrysene

21.258min (-0.010) 0.51ng/ul

response 58862

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	29.16
229.00	21.10	21.25
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 18 Sample Multiplier: 1

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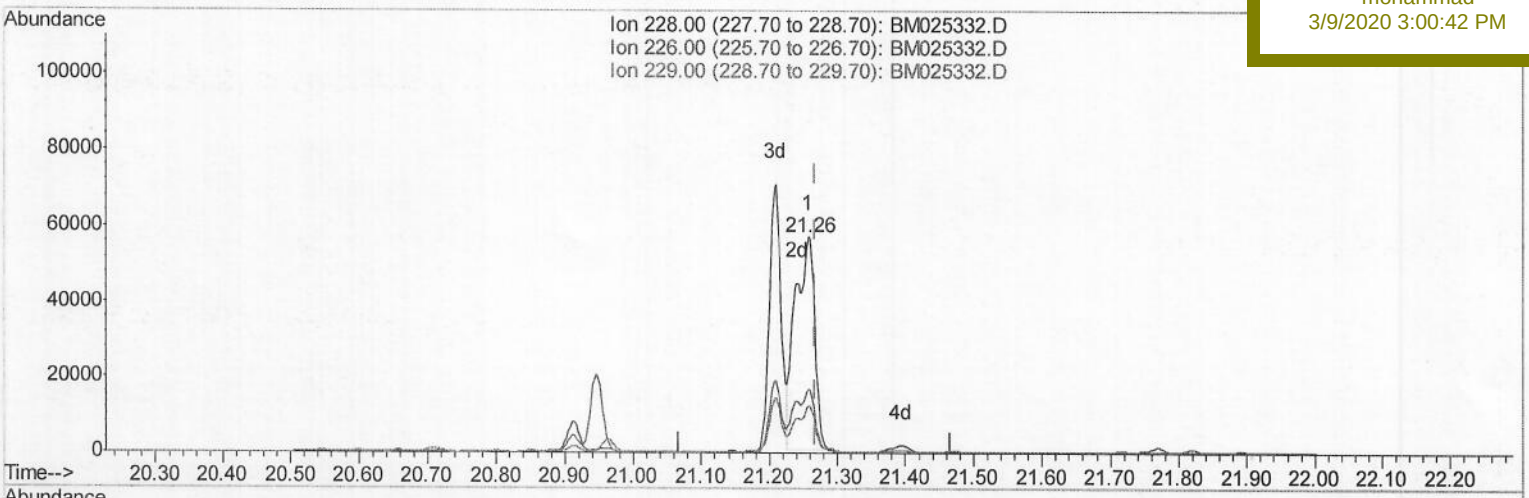
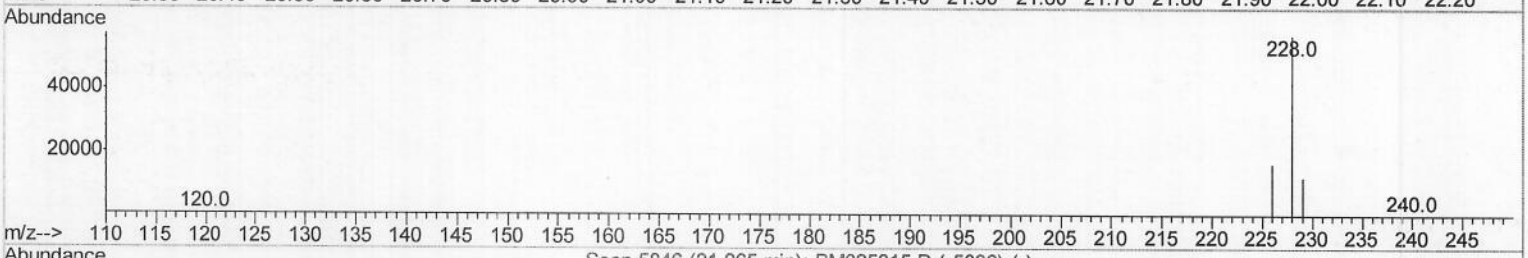
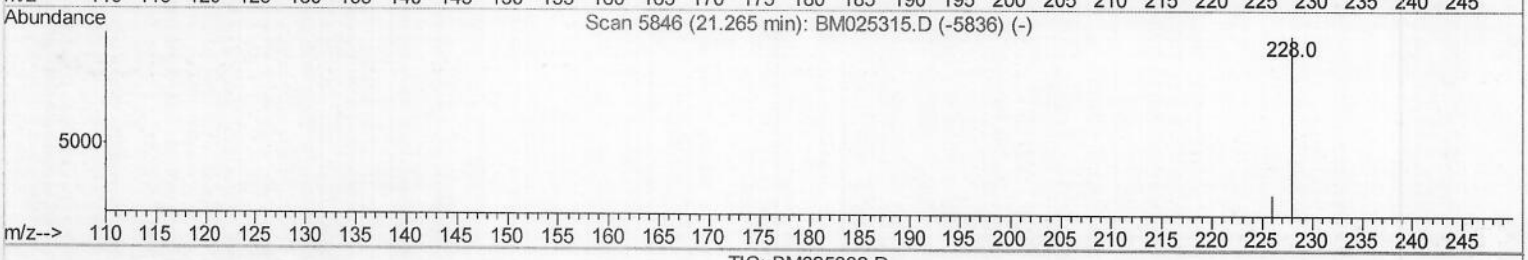
Instrument :
BNA_M
ClientSampleId :
DBDM0

Manual Integrations APPROVED
mohammad
3/9/2020 3:00:42 PM







TIC: BM025332.D

(19) Chrysene

21.258min (-0.010) 0.98ng/ul m SU 03/11/20

response 112800

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	29.16
229.00	21.10	21.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025332.D
Acq On : 07 Mar 2020 03:54
Operator : CG/JU
Sample : L1612-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 07 05:51:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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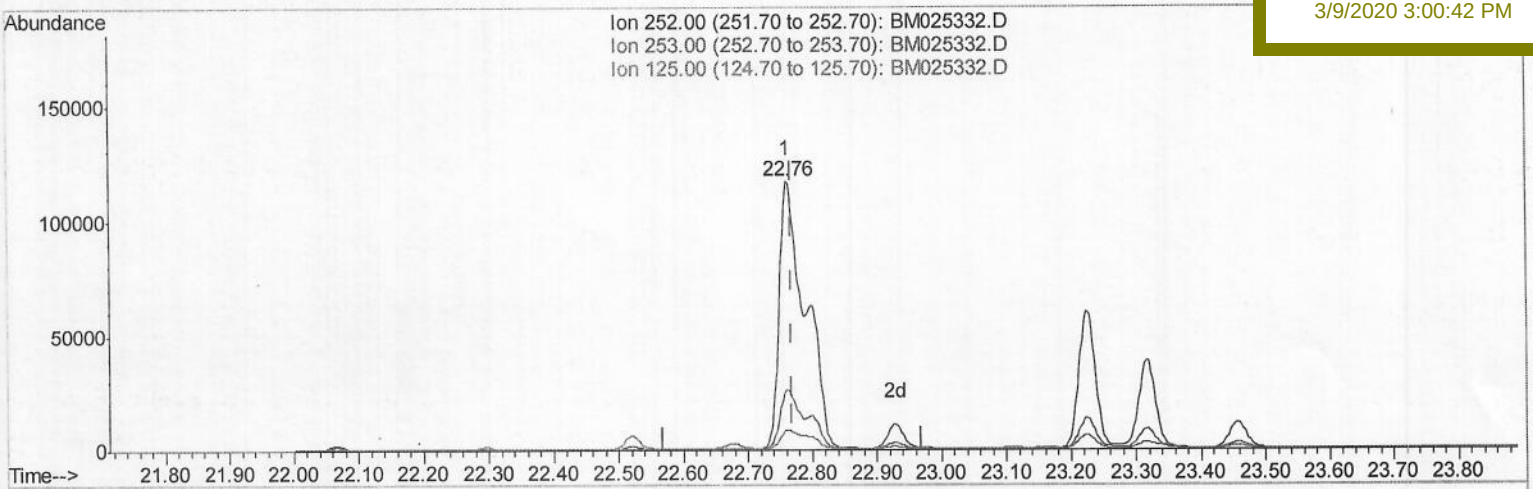
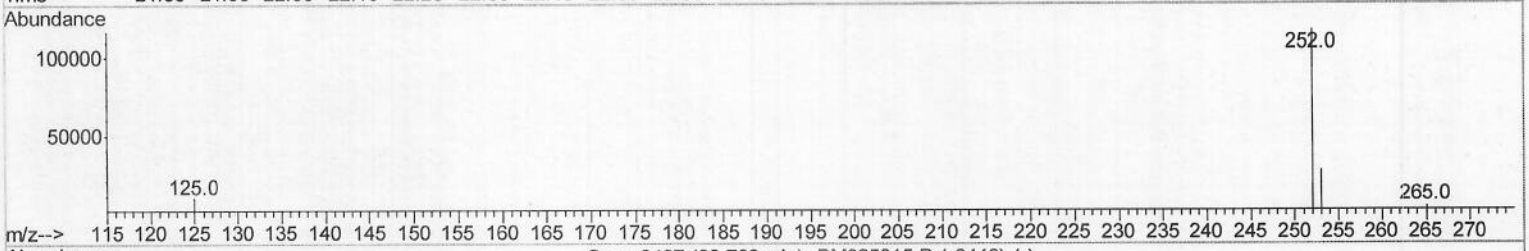
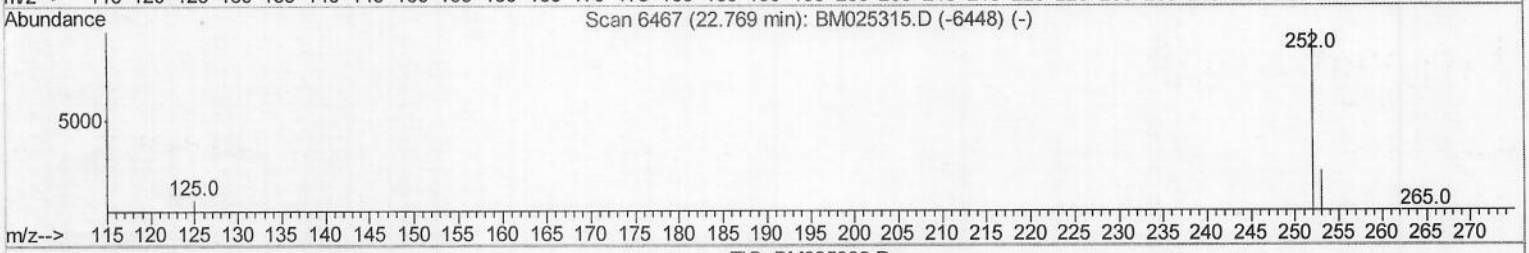
Instrument :
BNA_M
ClientSampleId :
DBDM0

Manual Integrations APPROVED
mohammad
3/9/2020 3:00:42 PM







TIC: BM025332.D

(21) Benzo(b)fluoranthene

22.762min (-0.007) 3.25ng/ul

response 331271

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	22.45
125.00	14.30	7.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025332.D
Acq On : 07 Mar 2020 03:54
Operator : CG/JU
Sample : L1612-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 07 05:51:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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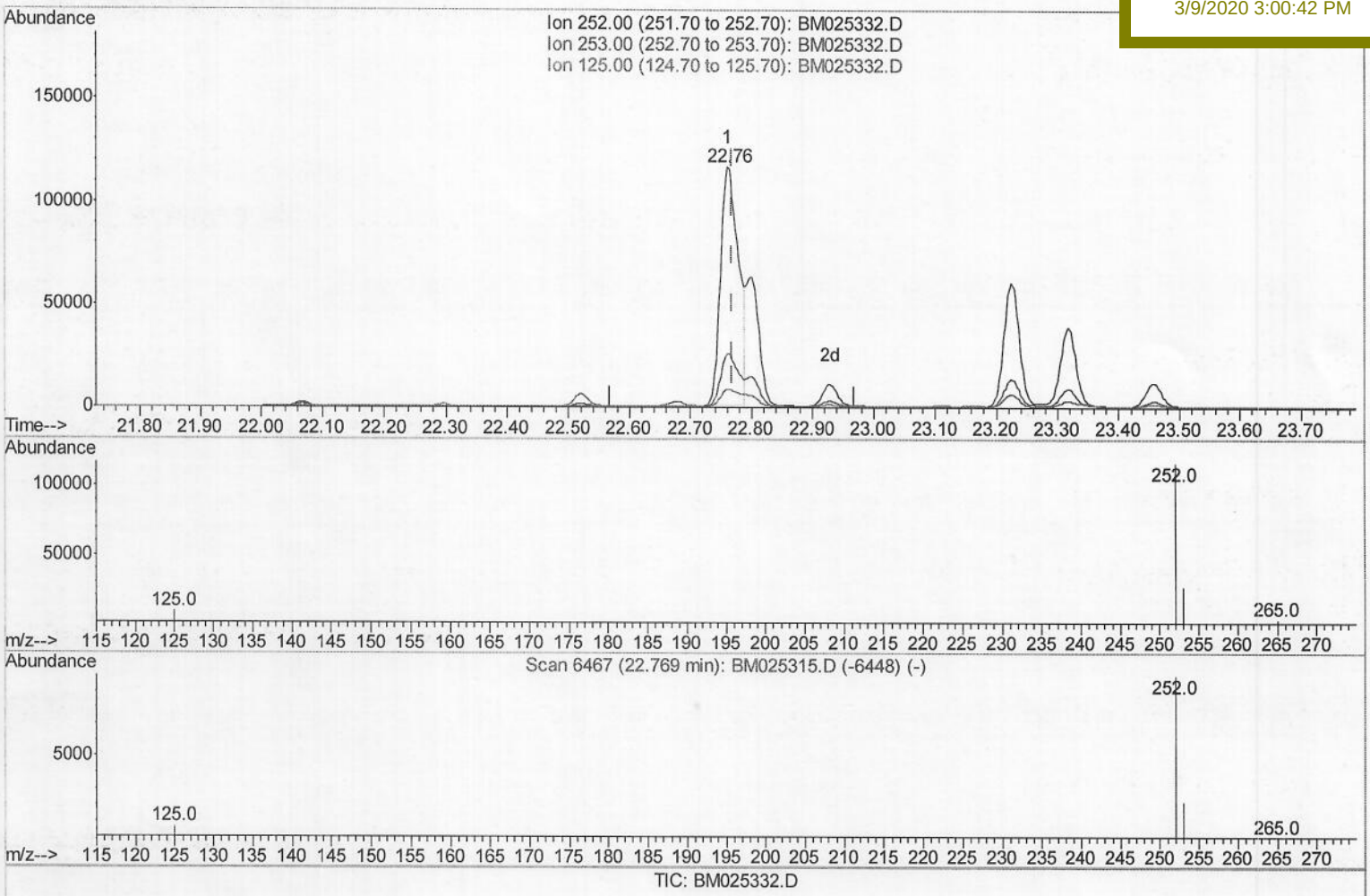
Instrument :
BNA_M
ClientSampleId :
DBDM0

Manual Integrations APPROVED
mohammad
3/9/2020 3:00:42 PM



TIC: BM025332.D

(21) Benzo(b)fluoranthene

22.762min (-0.007) 2.29ng/ul m > DV 03/11/20

response 233624

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	22.45
125.00	14.30	7.44
0.00	0.00	0.00

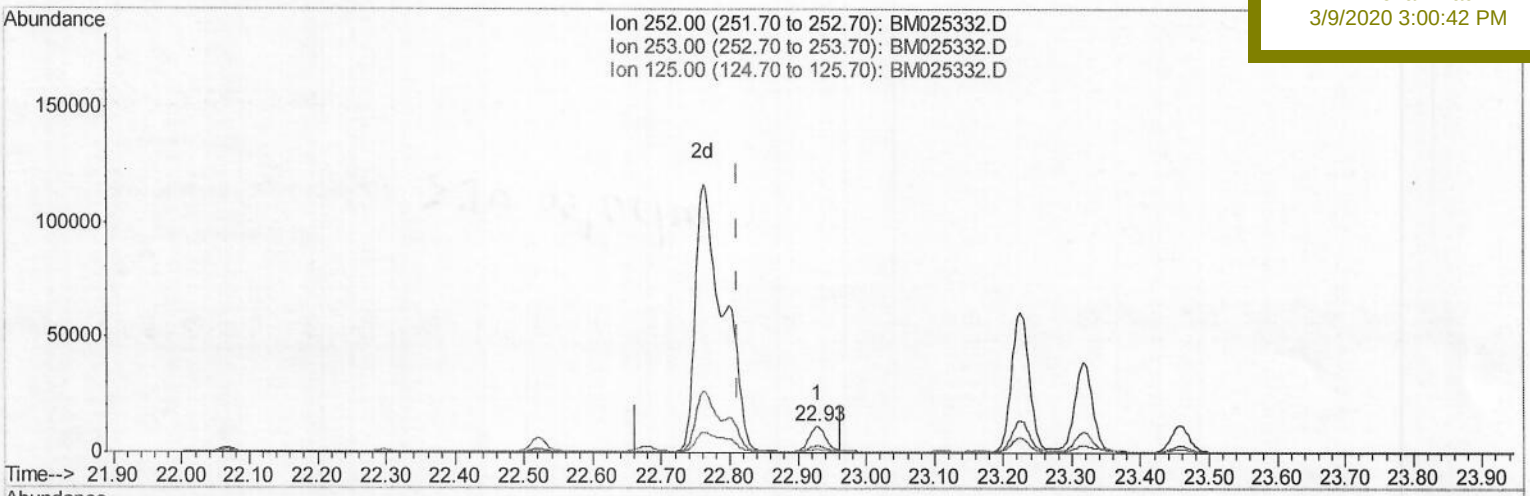
Quantitation Report (Qedit)

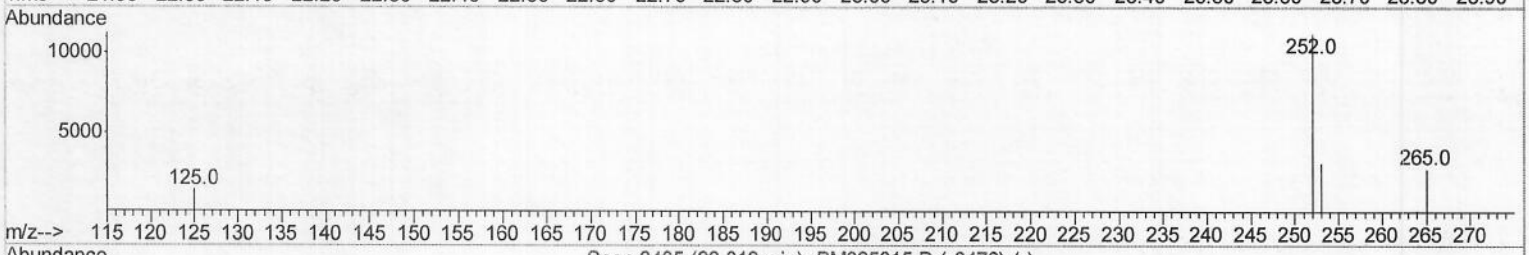
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025332.D
Acq On : 07 Mar 2020 03:54
Operator : CG/JU
Sample : L1612-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

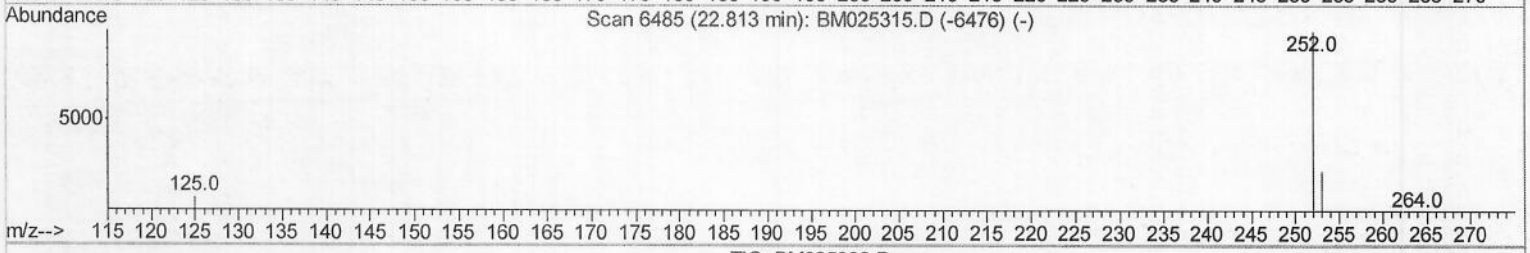
Quant Time: Mar 07 05:51:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 00:01:42 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDM0

Manual Integrations APPROVED
mohammad
3/9/2020 3:00:42 PM







TIC: BM025332.D

(22) Benzo(k)fluoranthene

22.929min (+0.116) 0.15ng/ul

response 16029

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	28.07
125.00	13.40	12.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025332.D
Acq On : 07 Mar 2020 03:54
Operator : CG/JU
Sample : L1612-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 07 05:51:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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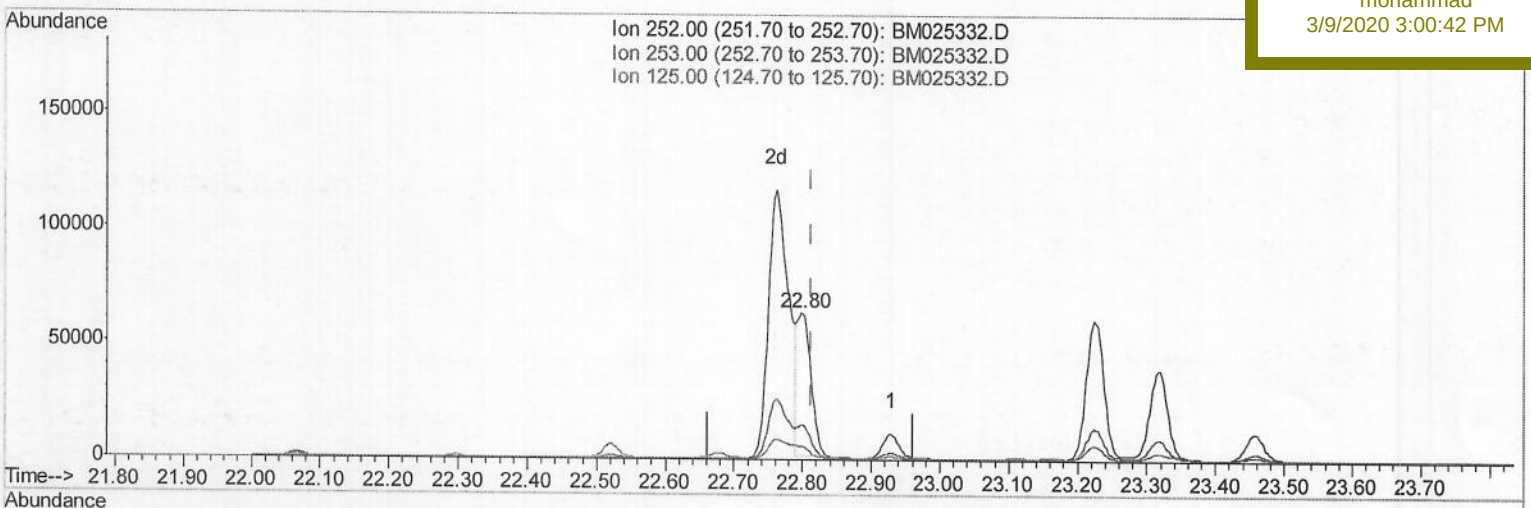
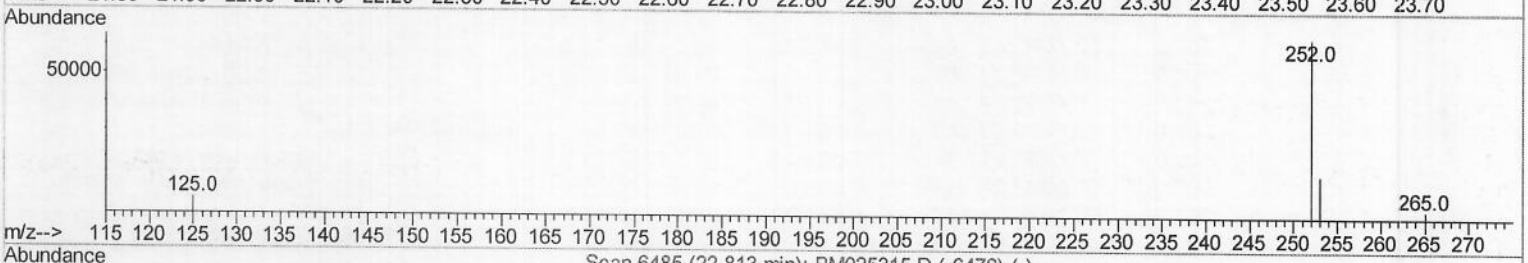
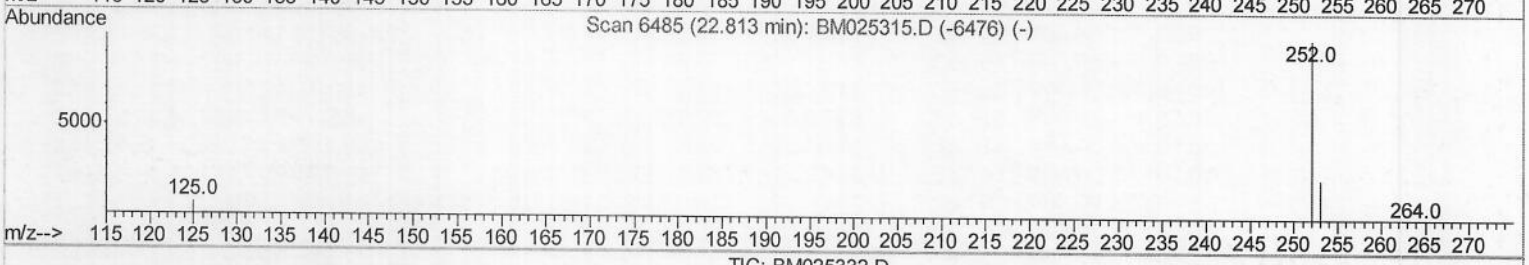
Instrument :
BNA_M
ClientSampleId :
DBDM0

Manual Integrations APPROVED
mohammad
3/9/2020 3:00:42 PM







TIC: BM025332.D

(22) Benzo(k)fluoranthene

22.800min (-0.012) 0.86ng/ul m JU 03/11/20

response 91623

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	23.60
125.00	13.40	8.92#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM025332.D
Acq On : 07 Mar 2020 03:54
Operator : CG/JU
Sample : L1612-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
3/9/2020 3:00:42 PM

Quant Time: Mar 07 05:53:36 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	16759	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12215	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	29226	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	28360	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	25464	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3277	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	10063	0.11	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.11	142	1643	0.045	ng/ul	96
7) Acenaphthylene	14.01	152	2657	0.046	ng/ul	99
9) Fluorene	15.35	166	4283	0.077	ng/ul	96
12) Phenanthrene	17.08	178	14761	0.157	ng/ul	97
13) Anthracene	17.17	178	86089	1.029	ng/ul	95
15) Fluoranthene	19.10	202	15281	0.130	ng/ul	97
17) Pyrene	19.46	202	31253m	0.291	ng/ul	
18) Benzo(a)anthracene	21.21	228	87188	0.836	ng/ul	100
19) Chrysene	21.26	228	112800m	0.985	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	233624m	2.293	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	91623m	0.858	ng/ul	
23) Benzo(a)pyrene	23.32	252	68791	0.804	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.58	276	47666	0.447	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	13787	0.156	ng/ul	96
26) Benzo(g,h,i)perylene	26.25	276	23290	0.257	ng/ul#	92

SV 03/11/20

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