Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100520\

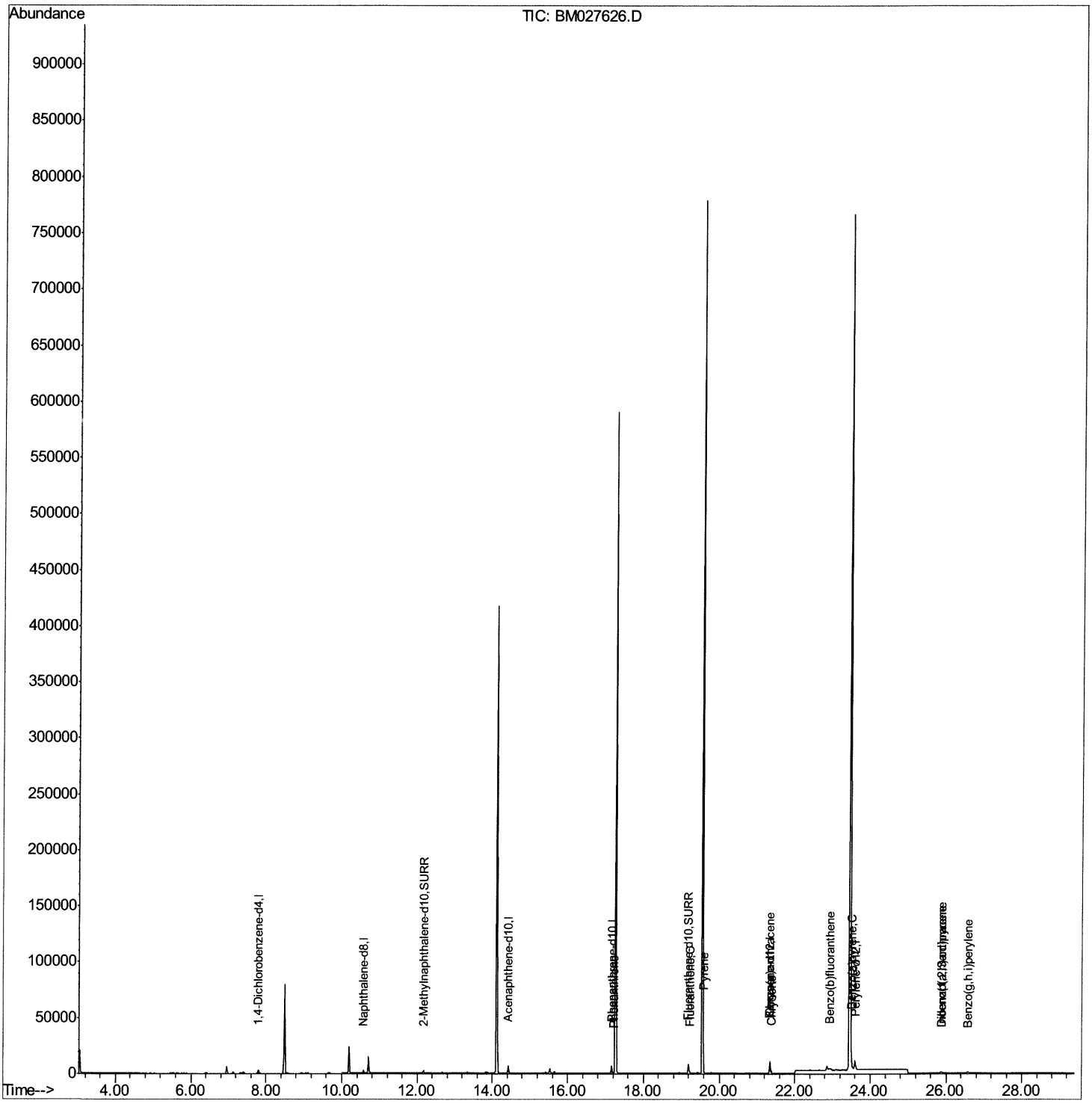
Quantitation Report (QT Reviewed)

Data File : BM027626.D
Acq On : 06 Oct 2020 03:38
Operator : JU/CG
Sample : L4184-23
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 04:48:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AQ5

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:41 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100520\

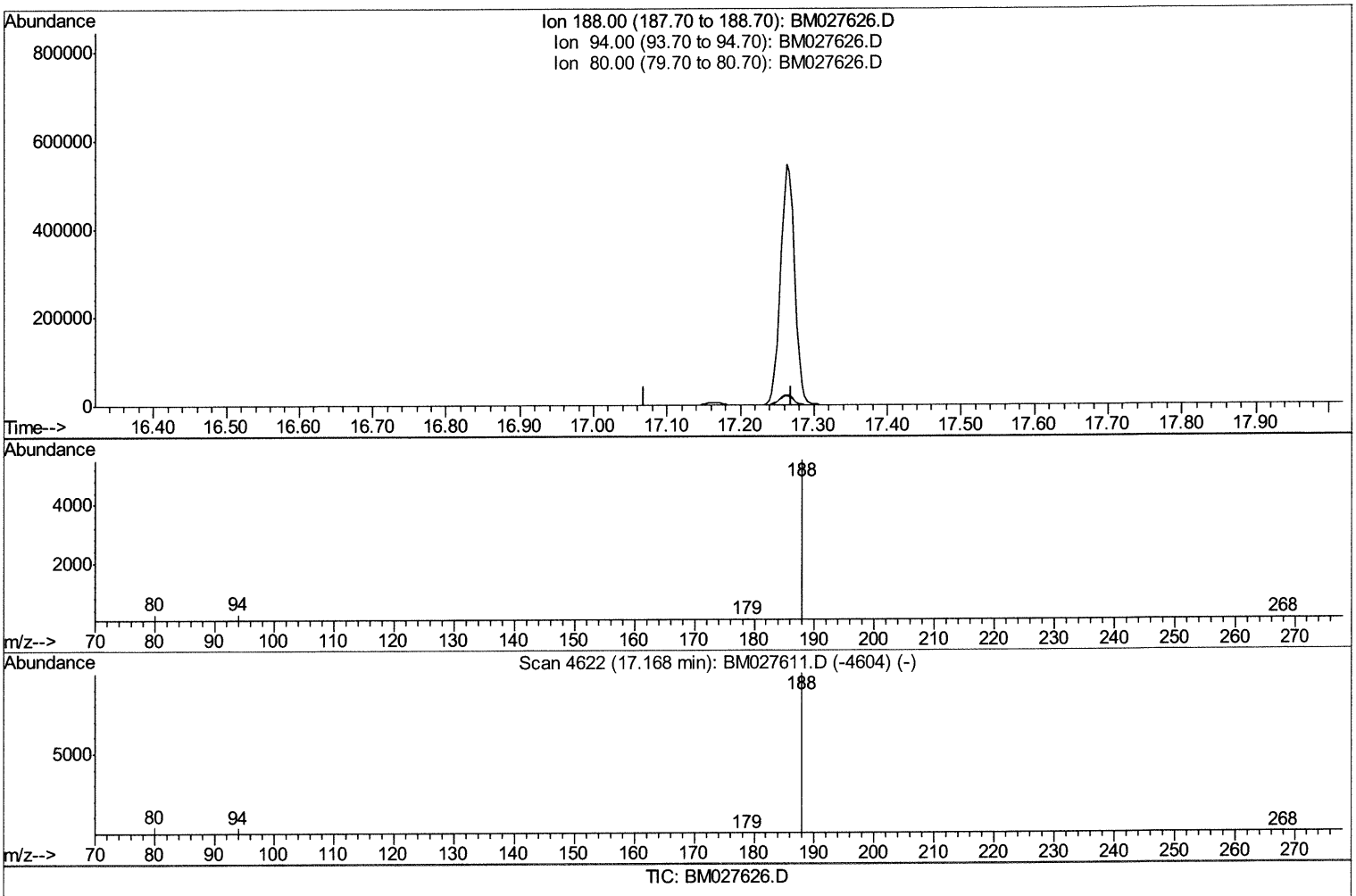
Quantitation Report (Qedit)

Data File : BM027626.D
Acq On : 06 Oct 2020 03:38
Operator : JU/CG
Sample : L4184-23
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 04:45:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AQ5

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:41 PM



TIC: BM027626.D

(10) Phenanthrene-d10 (I)

17.169min (-17.169) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	5.20	0.00#
80.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100520\

Quantitation Report (Qedit)

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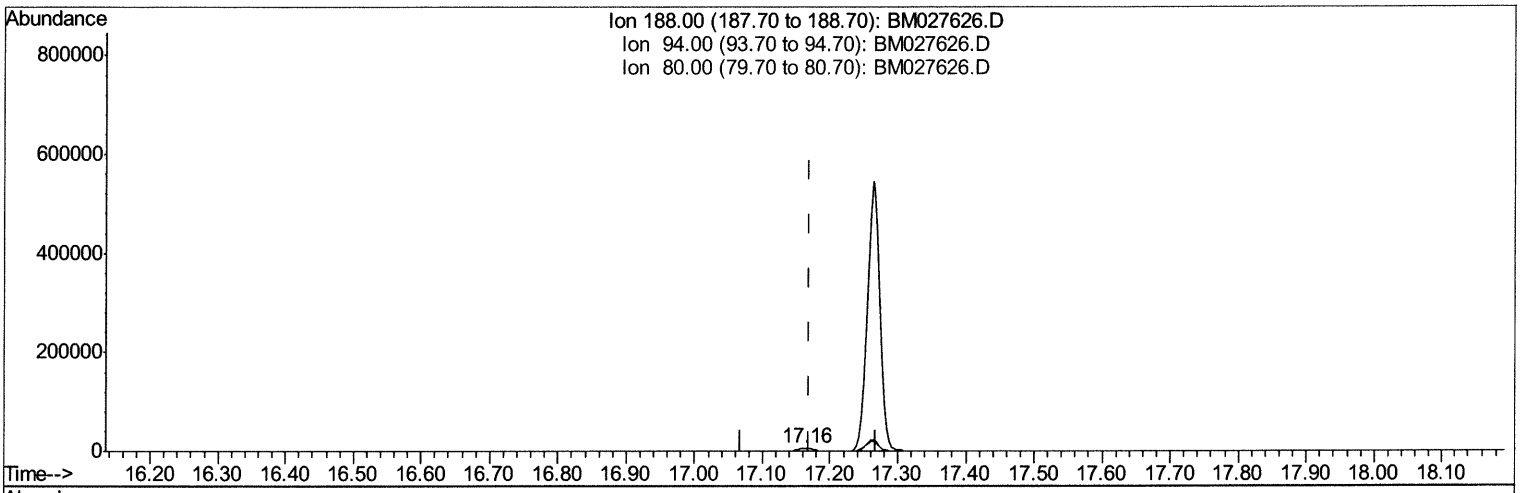
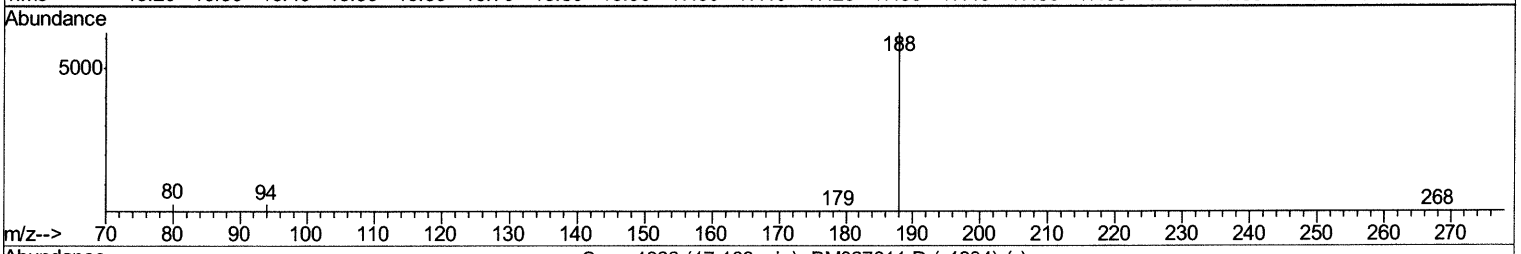
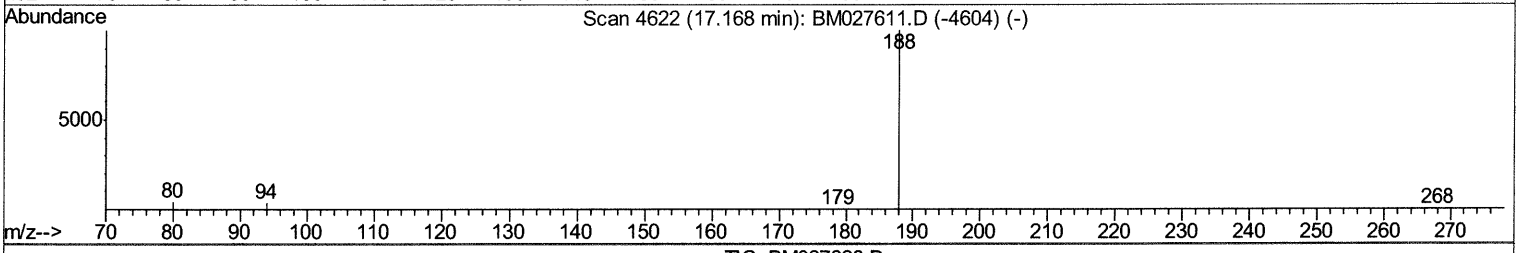
Manual Integrations APPROVED
mohammad
10/6/2020 3:24:41 PM







TIC: BM027626.D

(10) Phenanthrene-d10 (I)

17.162min (-0.007) 0.40ng/ul m 10/07/20 JU

response 8708

Ion	Exp%	Act%
188.00	100	100
94.00	5.20	4.76
80.00	6.20	4.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100520\

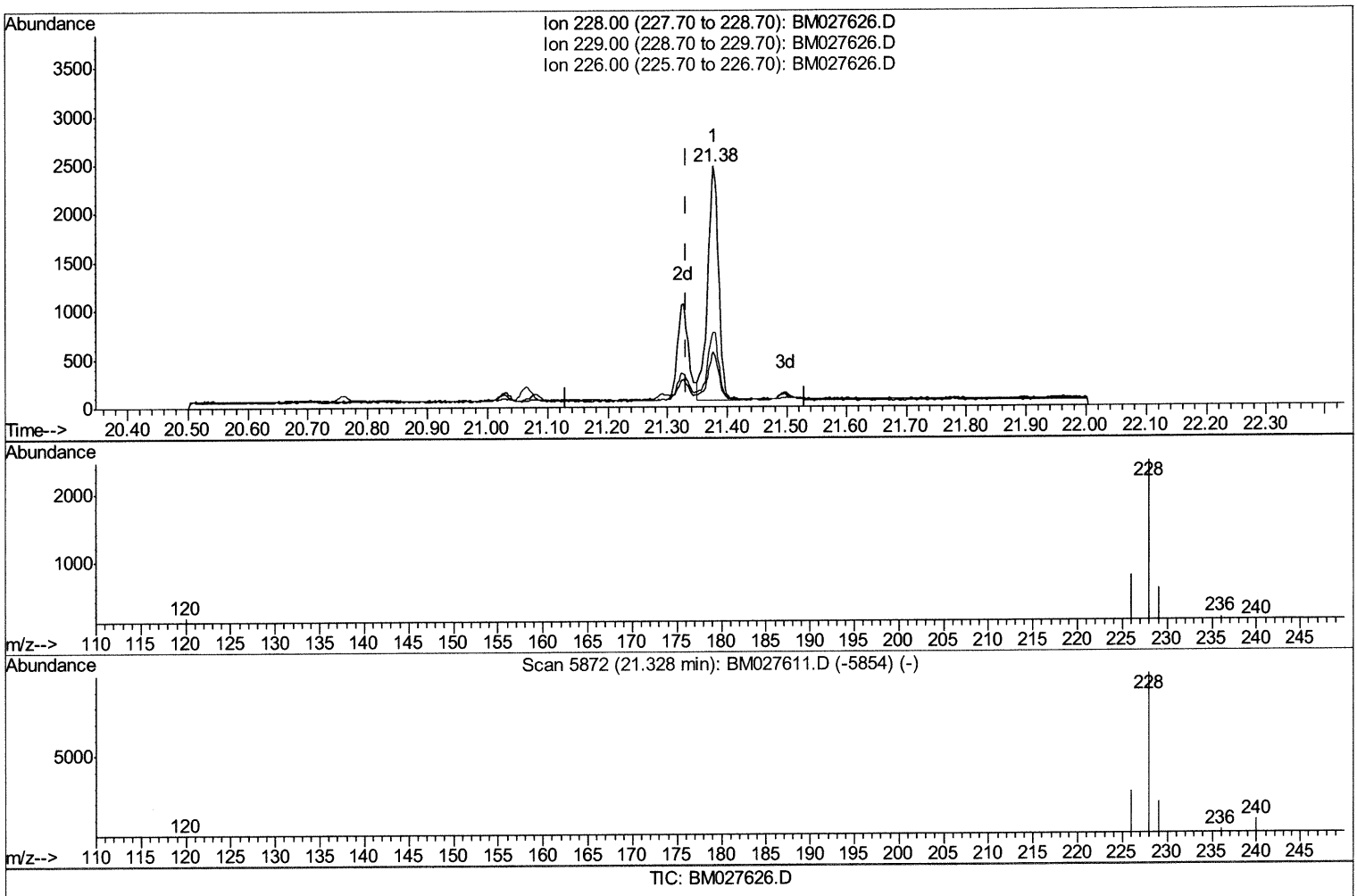
Quantitation Report (Qedit)

Data File : BM027626.D
Acq On : 06 Oct 2020 03:38
Operator : JU/CG
Sample : L4184-23
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 04:46:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AQ5

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:41 PM



TIC: BM027626.D

(18) Benzo(a)anthracene

21.377min (+0.046) 0.08ng/ul

response 3100

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.68
226.00	27.30	31.07
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100520\

Quantitation Report (Qedit)

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Acq On : 06 Oct 2020 03:38
Operator : JU/CG
Sample : L4184-23
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 04:46:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
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BNA_M
ClientSampleId :
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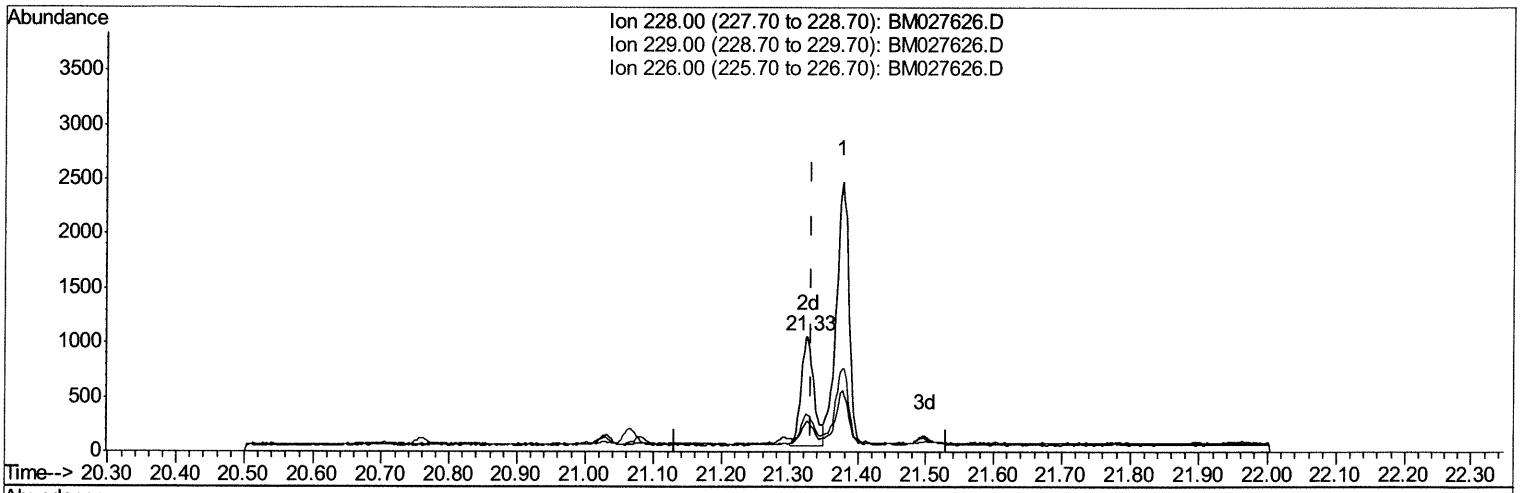
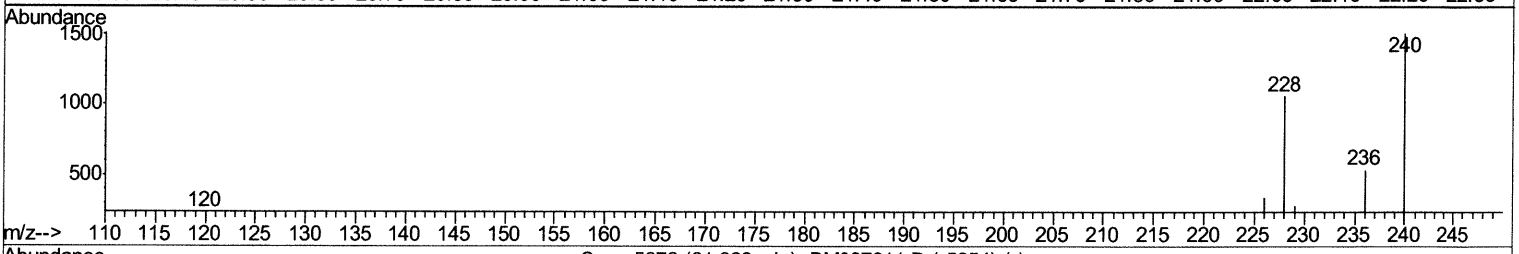
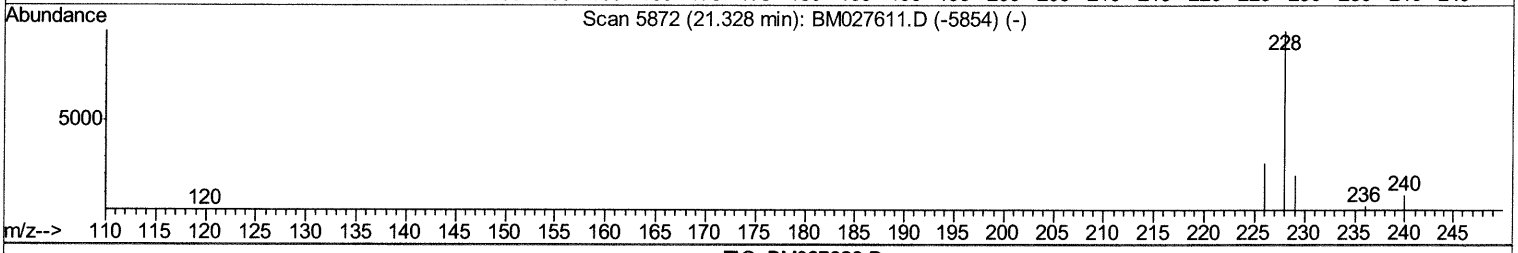
Manual Integrations APPROVED
mohammad
10/6/2020 3:24:41 PM







TIC: BM027626.D

(18) Benzo(a)anthracene

21.326min (-0.005) 0.03ng/ul m 10/07/20 JU

response 1302

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	26.15#
226.00	27.30	32.27
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100520\

Quantitation Report (Qedit)

Data File : BM027626.D
Acq On : 06 Oct 2020 03:38
Operator : JU/CG
Sample : L4184-23
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 04:46:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
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Instrument :
BNA_M
ClientSampleId :
C0AQ5

Manual Integrations APPROVED
mohammad
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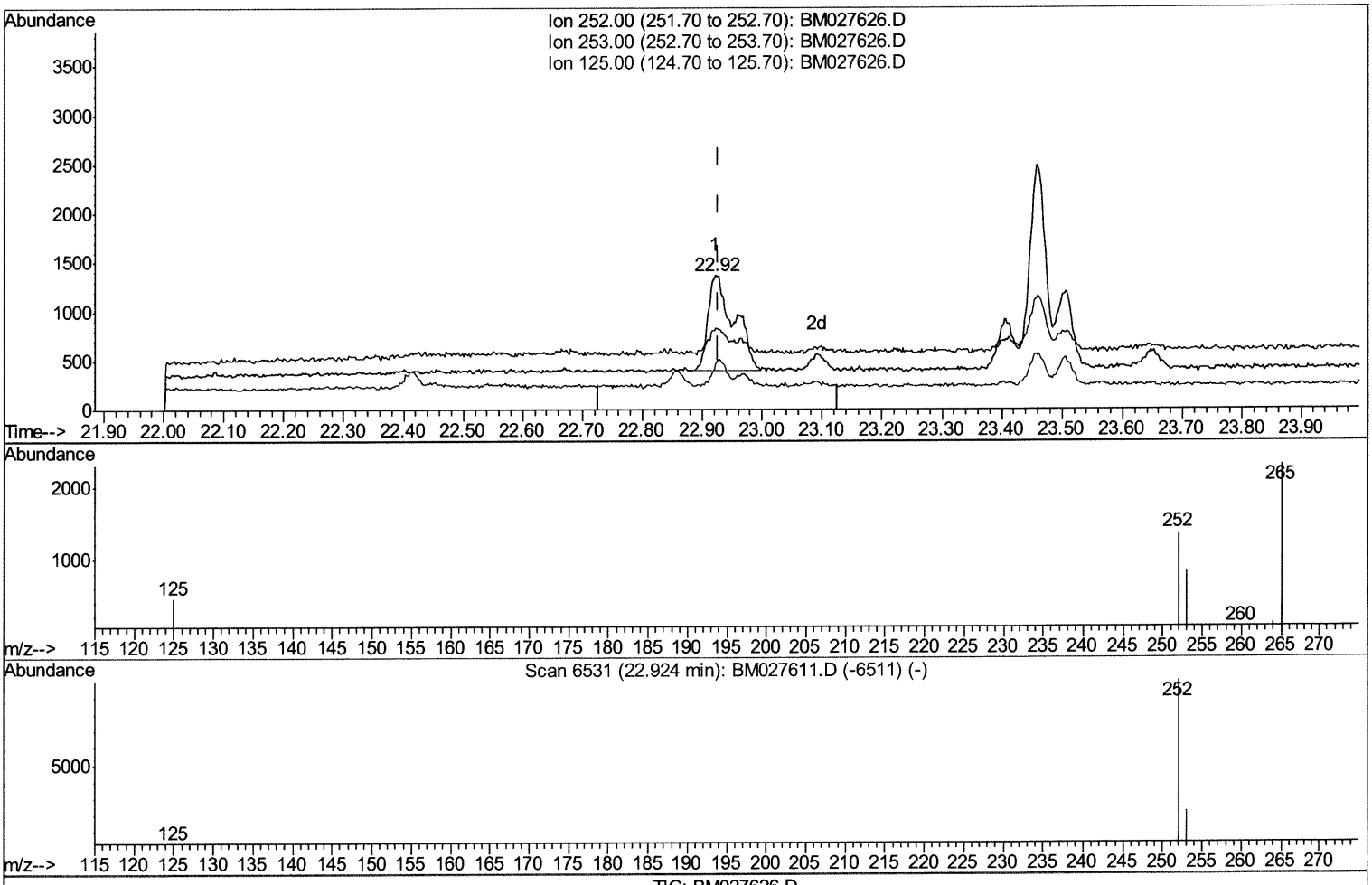

TIC: BM027626.D

(21) Benzo(b)fluoranthene

22.922min (-0.005) 0.07ng/ul

response 2935

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	60.69#
125.00	5.30	33.89#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100520\

Quantitation Report (Qedit)

Data File : BM027626.D
Acq On : 06 Oct 2020 03:38
Operator : JU/CG
Sample : L4184-23
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 06 04:46:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
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BNA_M
ClientSampleId :
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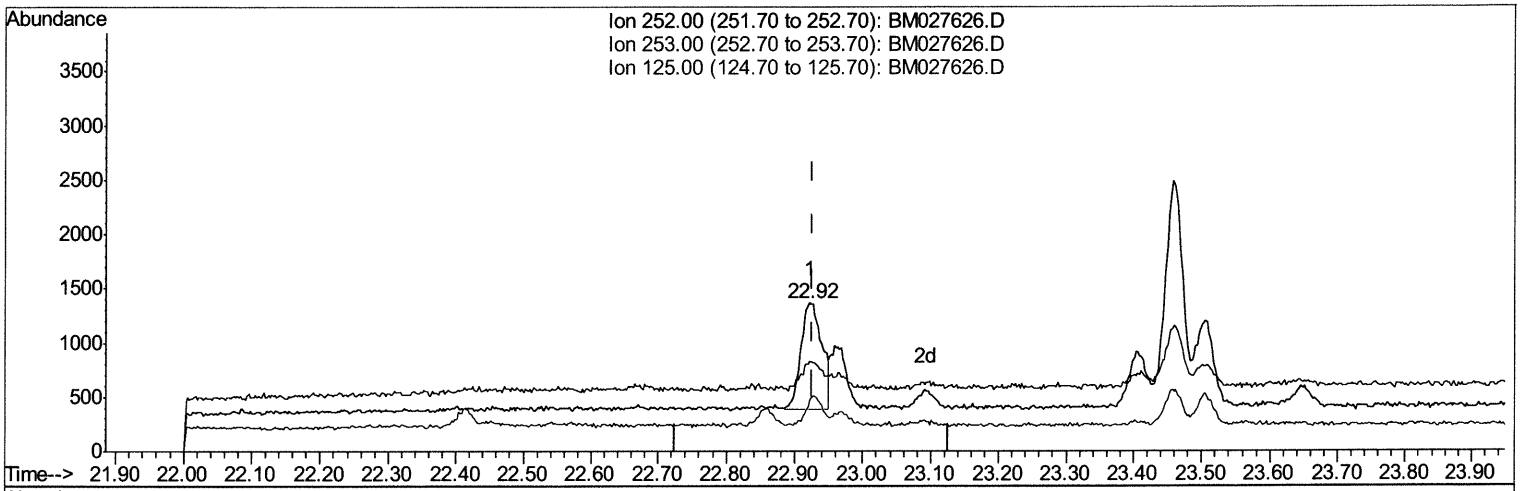
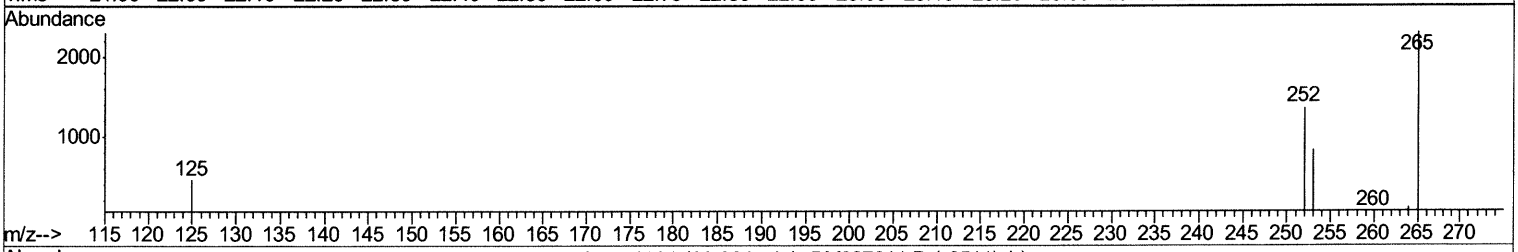
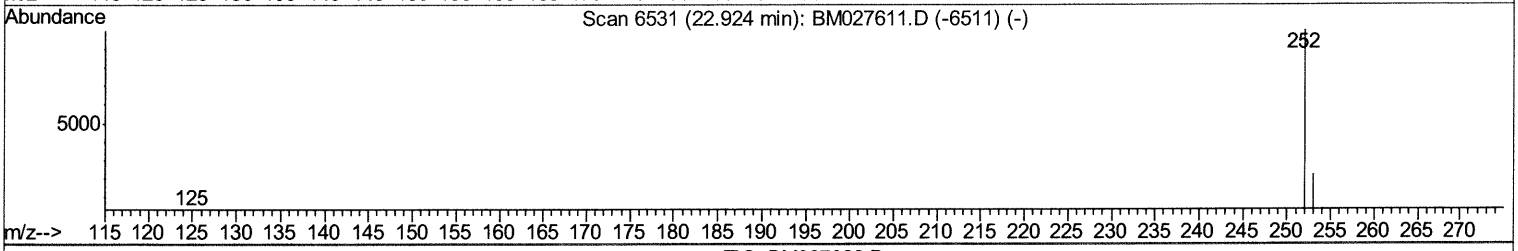
Manual Integrations APPROVED
mohammad
10/6/2020 3:24:41 PM







TIC: BM027626.D

(21) Benzo(b)fluoranthene

22.922min (-0.005) 0.05ng/ul m 10/07/20 JU

response 2069

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	60.69#
125.00	5.30	33.89#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100520\

Quantitation Report (QT Reviewed)

Data File : BM027626.D
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Misc :
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QLast Update : Tue Oct 06 01:23:11 2020
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Instrument : BNA_M
ClientSampleId : C0AQ5

Manual Integrations APPROVED
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10/6/2020 3:24:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1612	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	3310	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	3584	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.16	188	8708m >	0.40	ng/ul >	0.00 10/07/20 JU
16) Chrysene-d12	21.34	240	9870	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	10853	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.16	152	2986	0.50	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	9610	0.40	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.21	178	1142	0.042	ng/ul#	90
15) Fluoranthene	19.22	202	2122	0.066	ng/ul	91
17) Pyrene	19.58	202	1894	0.042	ng/ul#	90
18) Benzo(a)anthracene	21.33	228	1302m >	0.034	ng/ul >	10/07/20 JU
19) Chrysene	21.38	228	3100	0.077	ng/ul	97
21) Benzo(b)fluoranthene	22.92	252	2069m >	0.047	ng/ul >	10/07/20 JU
23) Benzo(a)pyrene	23.51	252	1361	0.035	ng/ul#	13
24) Indeno(1,2,3-cd)pyrene	25.87	276	1477	0.029	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.89	278	1458	0.035	ng/ul#	50
26) Benzo(g,h,i)perylene	26.57	276	2453	0.058	ng/ul#	86

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