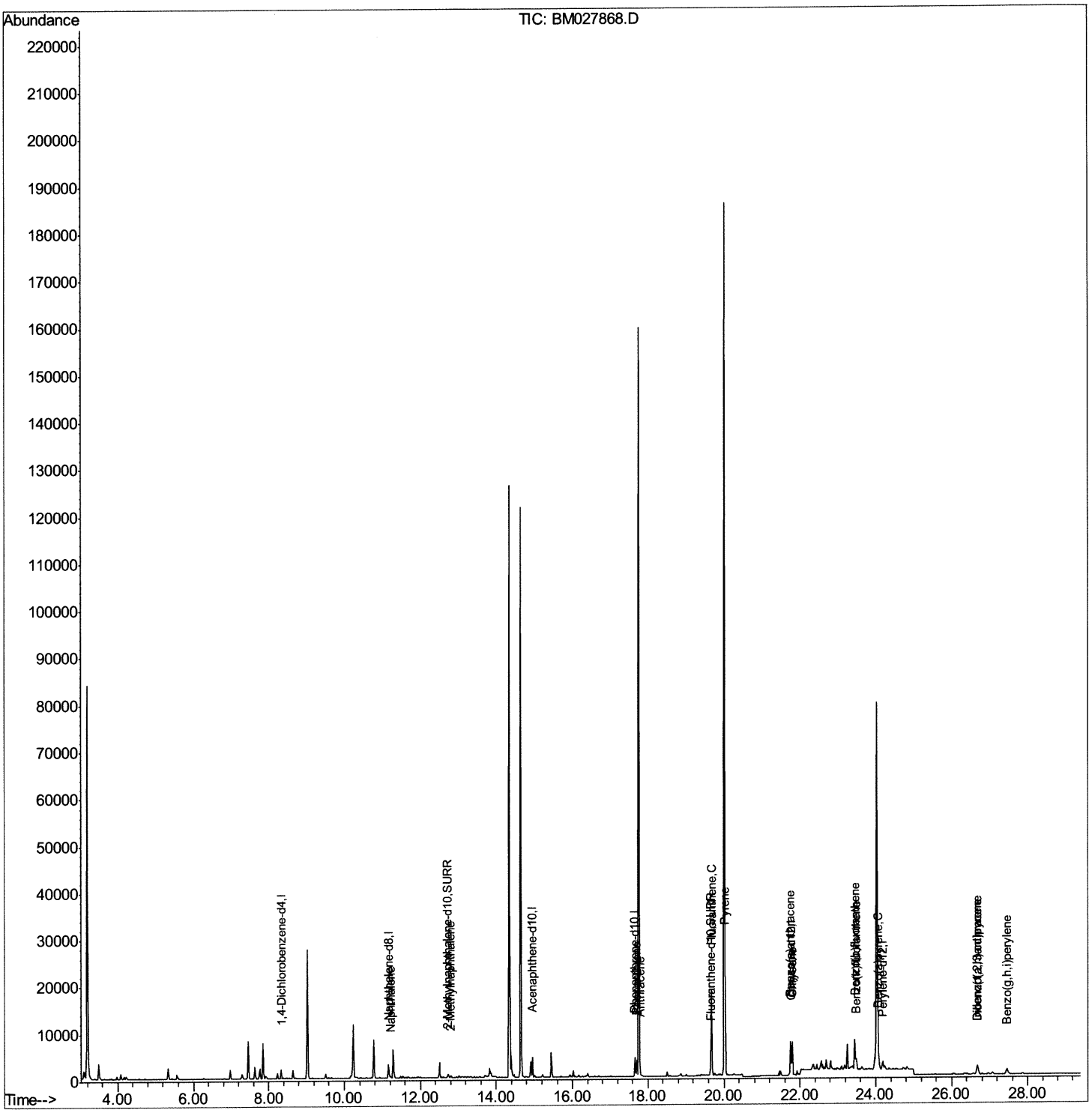
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027868.D
Acq On : 21 Nov 2020 00:39
Operator : JU/CG
Sample : L4710-23
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 21 03:19:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ0

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:56 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027868.D
Acq On : 21 Nov 2020 00:39
Operator : JU/CG
Sample : L4710-23
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 21 03:17:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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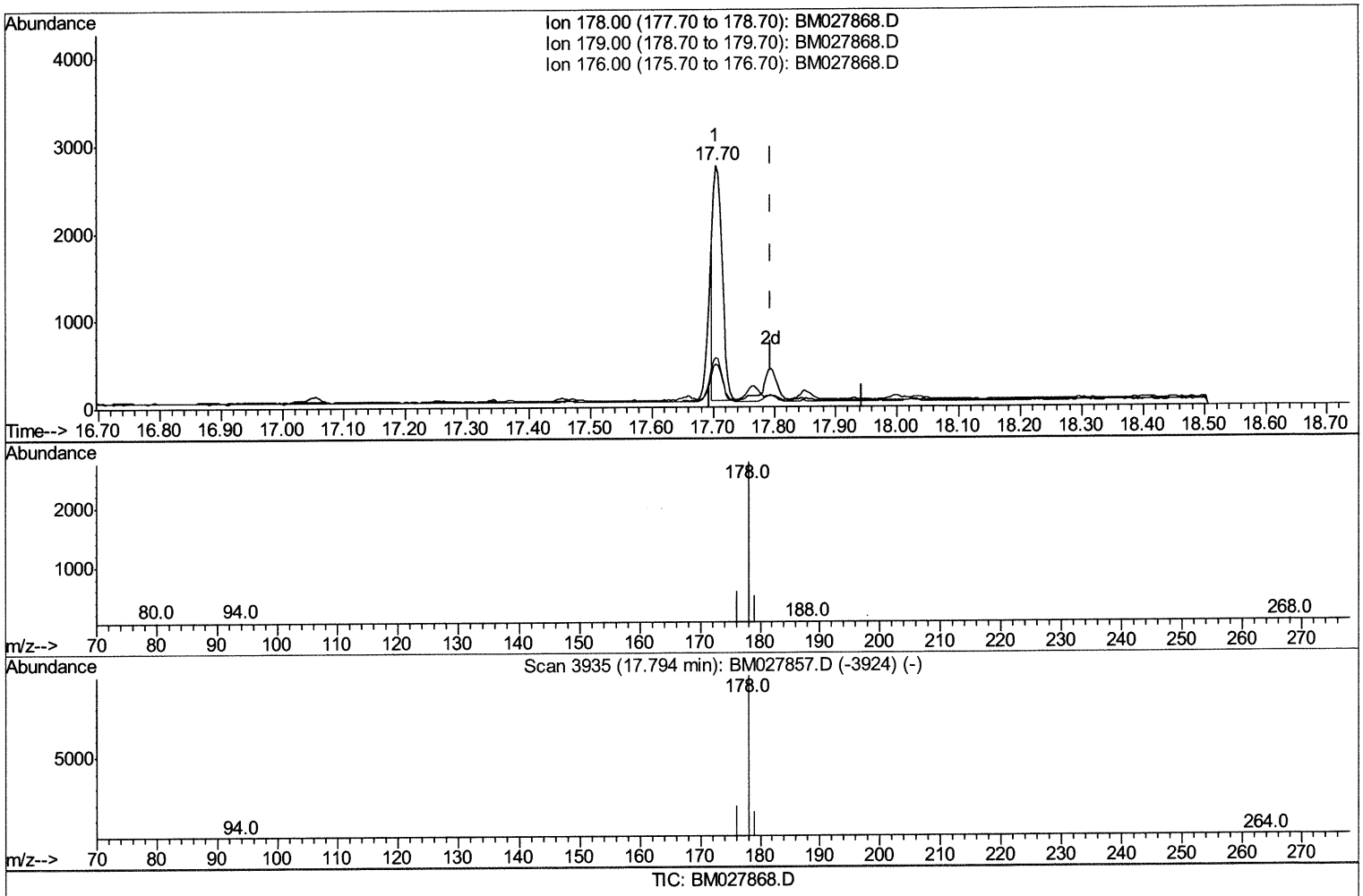
11/24/2020 8:57:56 AM



(13) Anthracene

17.704min (-0.090) 0.19ng/ul

response 2785

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	17.63
176.00	18.80	20.56
0.00	0.00	0.00

Quantitation Report (Qedit)

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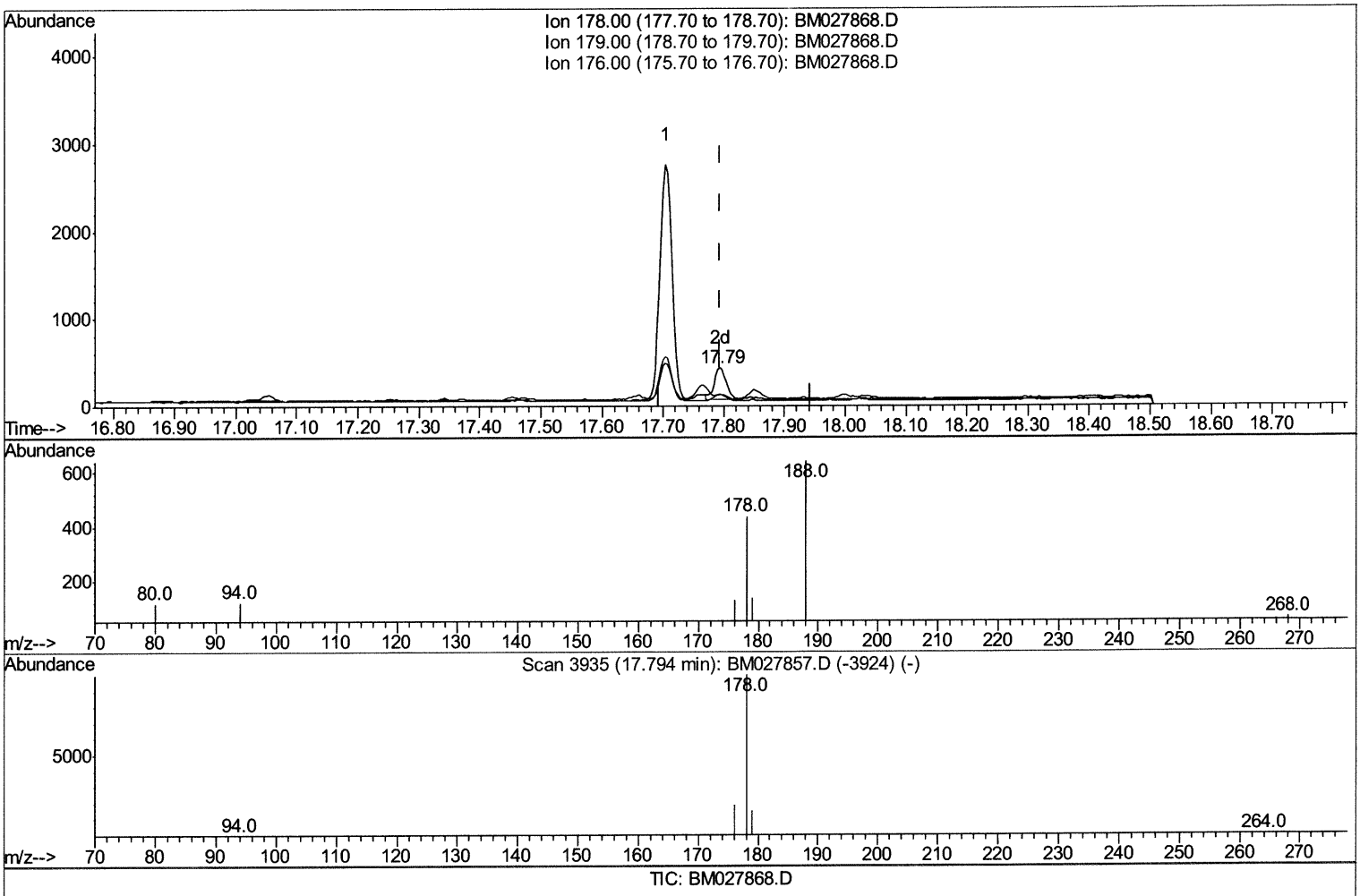
Manual Integrations APPROVED
mohammad
11/24/2020 8:57:56 AM



TIC: BM027868.D

(13) Anthracene

17.794min (-0.000) 0.03ng/ul m 11/27/20 JU

response 503

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	30.66#
176.00	18.80	29.29#
0.00	0.00	0.00

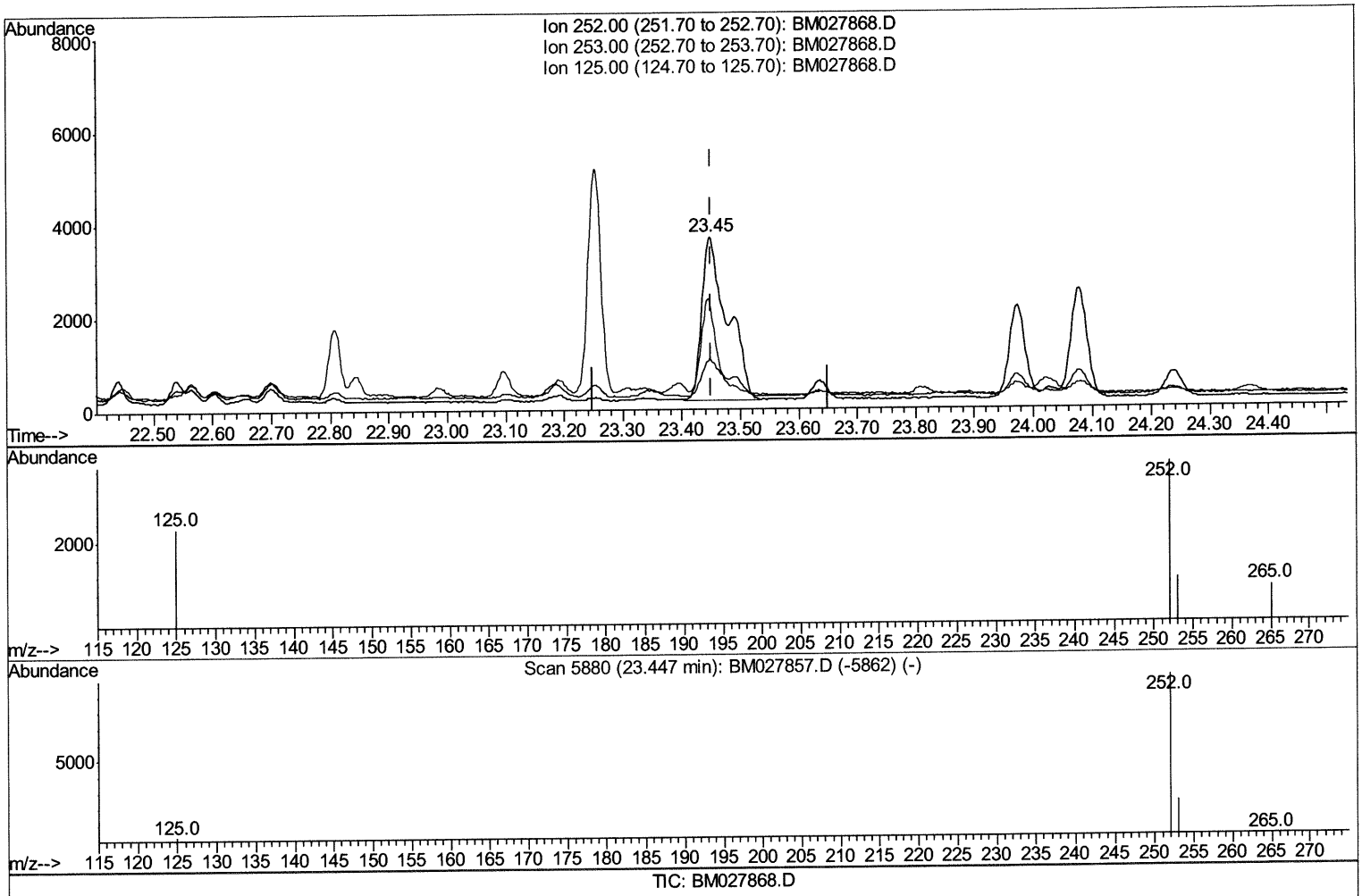
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027868.D
Acq On : 21 Nov 2020 00:39
Operator : JU/CG
Sample : L4710-23
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 21 03:17:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ0

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:56 AM



TIC: BM027868.D

(21) Benzo(b)fluoranthene

23.448min (-0.002) 1.06ng/ul

response 10639

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	29.19
125.00	14.20	61.87#
0.00	0.00	0.00

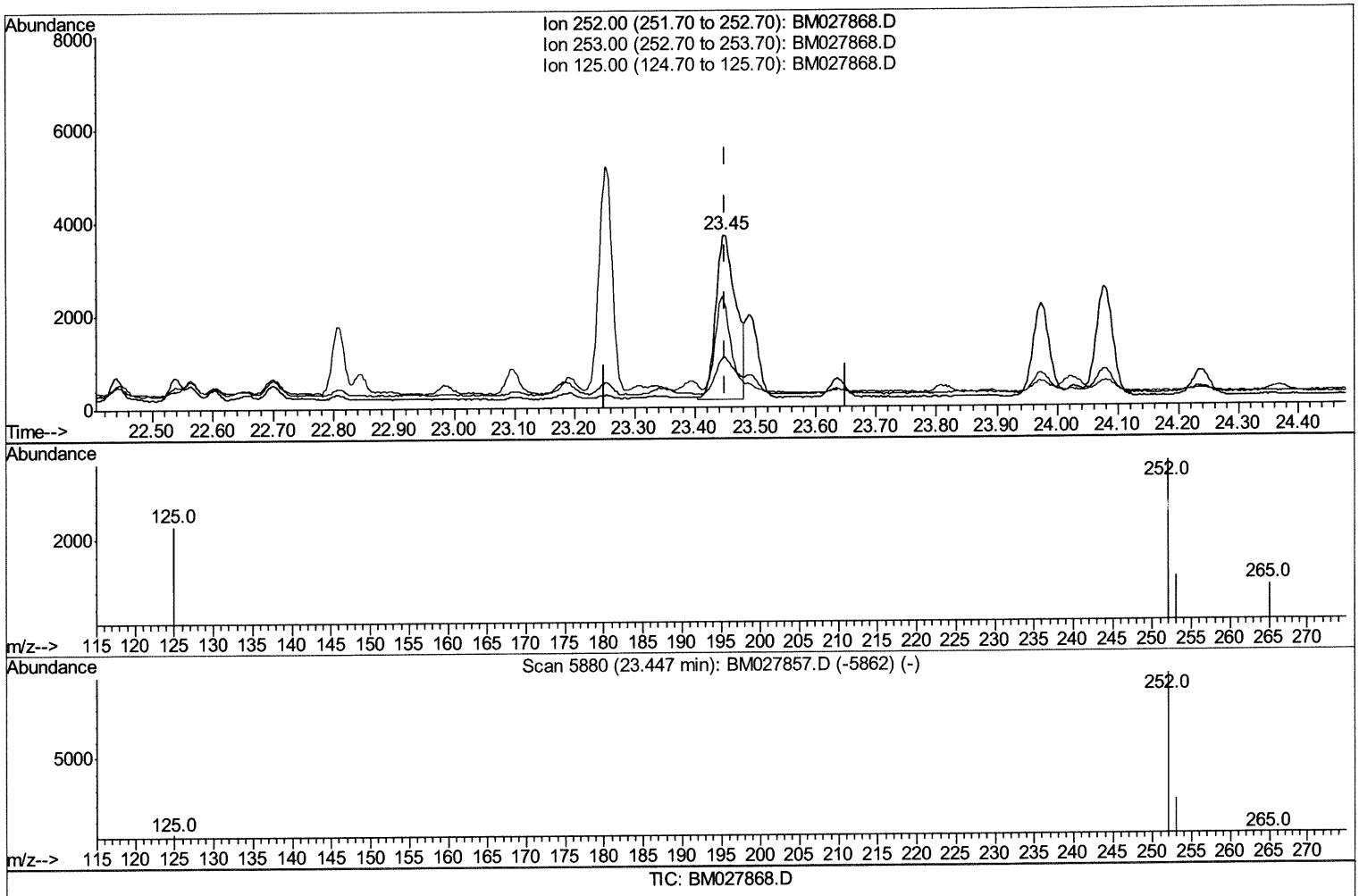
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027868.D
Acq On : 21 Nov 2020 00:39
Operator : JU/CG
Sample : L4710-23
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 21 03:17:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ0

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:56 AM



TIC: BM027868.D

(21) Benzo(b)fluoranthene

23.448min (-0.002) 0.80ng/ul m 11/27/20 JU

response 8018

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	29.19
125.00	14.20	61.87#
0.00	0.00	0.00

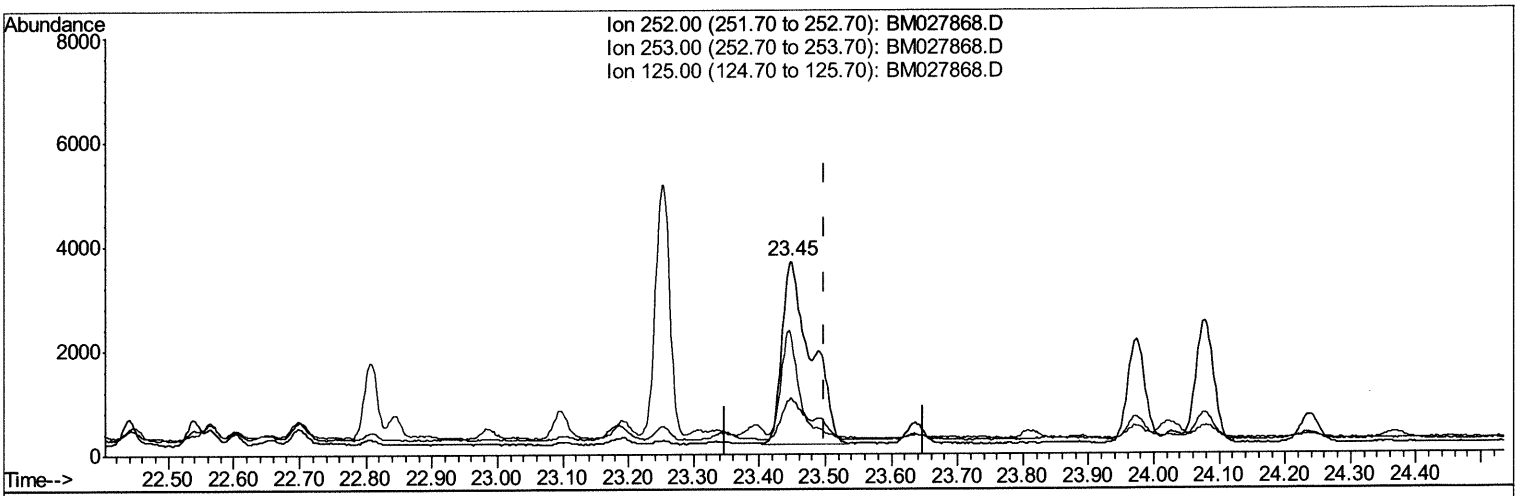
Quantitation Report (Qedit)

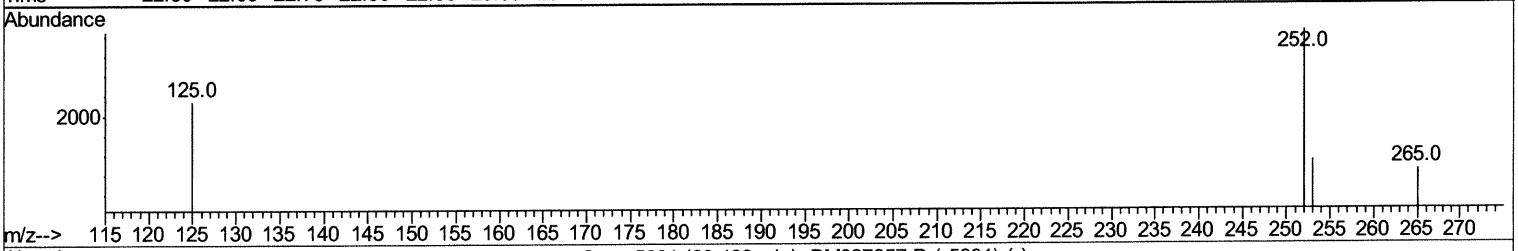
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027868.D
Acq On : 21 Nov 2020 00:39
Operator : JU/CG
Sample : L4710-23
Misc :
ALS Vial : 22 Sample Multiplier: 1

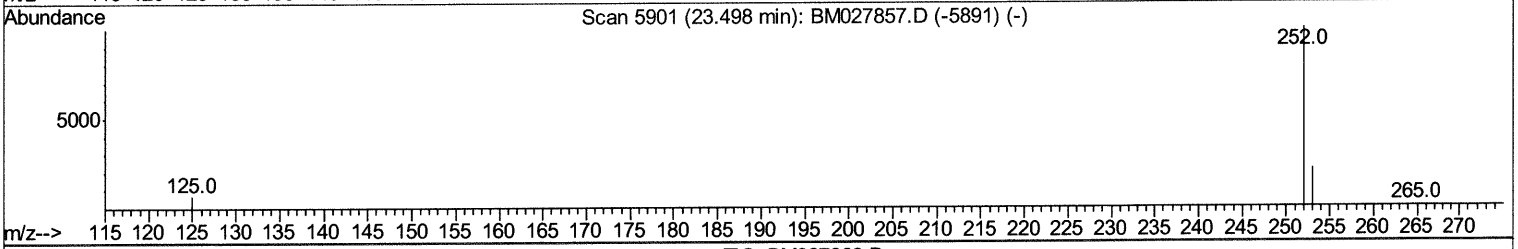
Quant Time: Nov 21 03:17:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ0

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:56 AM







TIC: BM027868.D

(22) Benzo(k)fluoranthene

23.448min (-0.051) 1.08ng/ul

response 10639

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	29.19
125.00	14.70	61.87#
0.00	0.00	0.00

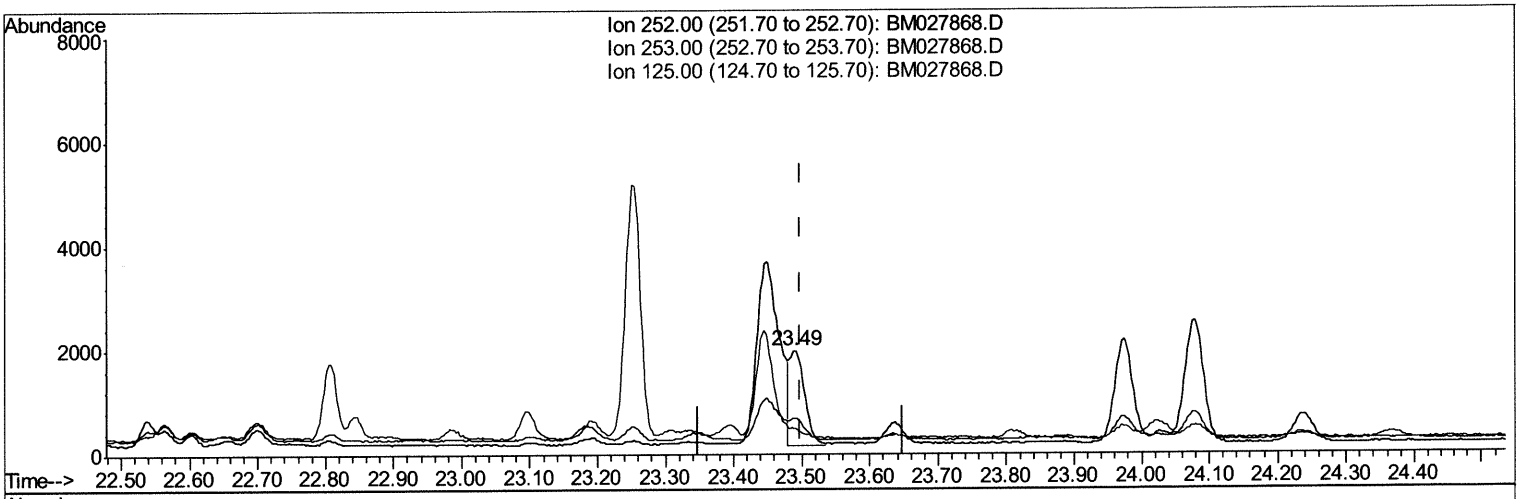
Quantitation Report (Qedit)

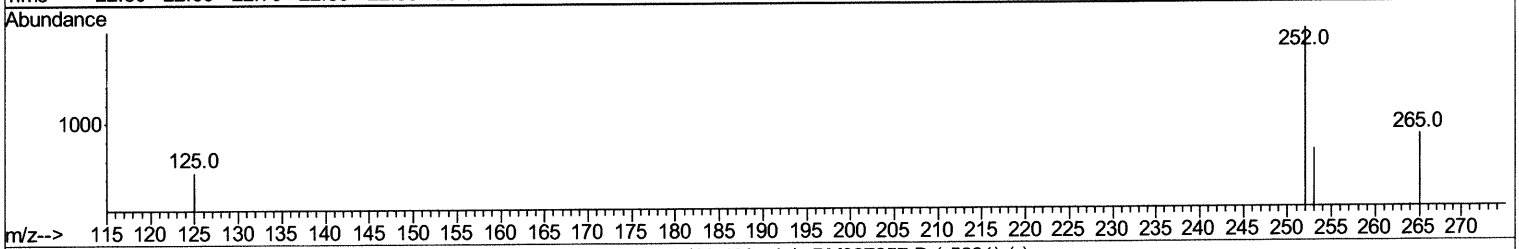
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM112020\
Data File : BM027868.D
Acq On : 21 Nov 2020 00:39
Operator : JU/CG
Sample : L4710-23
Misc :
ALS Vial : 22 Sample Multiplier: 1

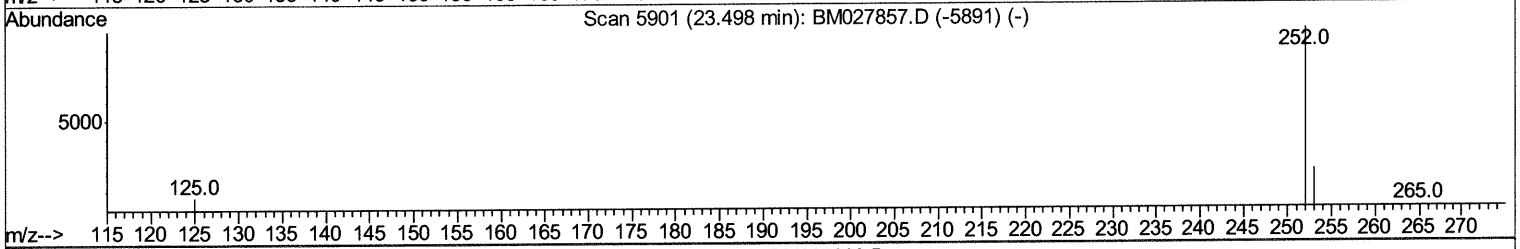
Quant Time: Nov 21 03:17:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ0

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:56 AM







TIC: BM027868.D

(22) Benzo(k)fluoranthene

23.489min (-0.010) 0.29ng/ul m 11/27/20 JU

response 2857

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	34.52
125.00	14.70	24.36#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM027868.D
Acq On : 21 Nov 2020 00:39
Operator : JU/CG
Sample : L4710-23
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ0

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:56 AM

Quant Time: Nov 21 03:19:55 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	922	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3800	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2372	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4810	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	3217	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2392	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	938	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2138	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	311	0.027	ng/ul#	56
5) 2-Methylnaphthalene	12.81	142	232	0.030	ng/ul	96
12) Phenanthrene	17.70	178	3699	0.243	ng/ul	99
13) Anthracene	17.79	178	503m >	0.034	ng/ul >	11/27/20 JU
15) Fluoranthene	19.68	202	15107	0.897	ng/ul	98
17) Pyrene	20.04	202	13095	0.802	ng/ul	97
18) Benzo(a)anthracene	21.75	228	5881	0.453	ng/ul	97
19) Chrysene	21.80	228	7361	0.582	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	8018m ?	0.798	ng/ul ?	
22) Benzo(k)fluoranthene	23.49	252	2857m ?	0.290	ng/ul ?	11/27/20 JU
23) Benzo(a)pyrene	24.08	252	4596	0.523	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	26.68	276	3107	0.326	ng/ul#	92
25) Dibenzo(a,h)anthracene	26.68	278	806	0.102	ng/ul#	1
26) Benzo(g,h,i)perylene	27.45	276	2739	0.343	ng/ul	94

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