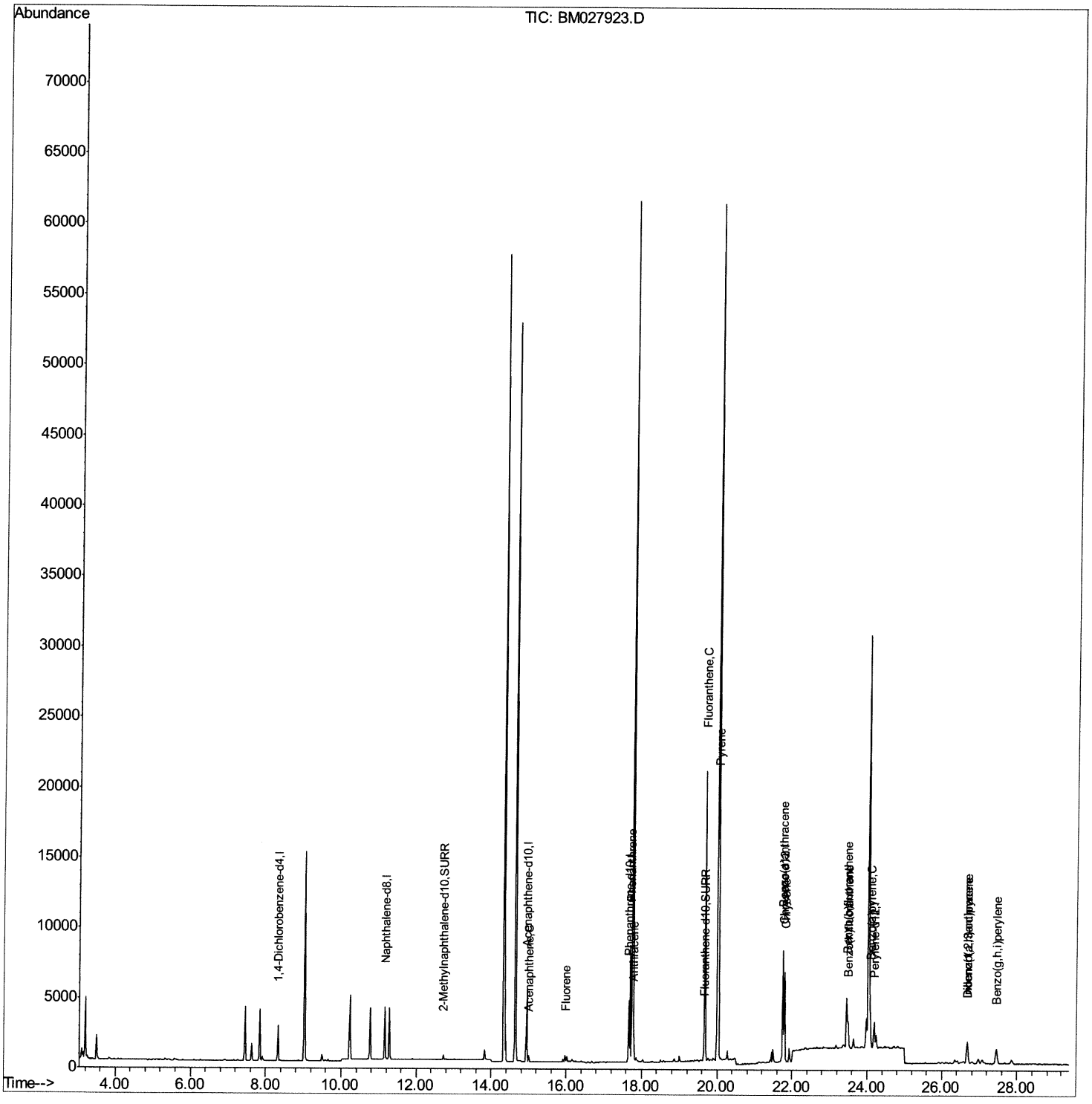
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027923.D
Acq On : 23 Nov 2020 21:02
Operator : JU/CG
Sample : L4711-17DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 24 01:10:03 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 : Tue Nov 24 00:42:23 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AW9DL

Manual Integrations APPROVED
mohammad
11/25/2020 12:45:06 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027923.D
Acq On : 23 Nov 2020 21:02
Operator : JU/CG
Sample : L4711-17DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 24 00:45:54 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 : Tue Nov 24 00:42:23 2020
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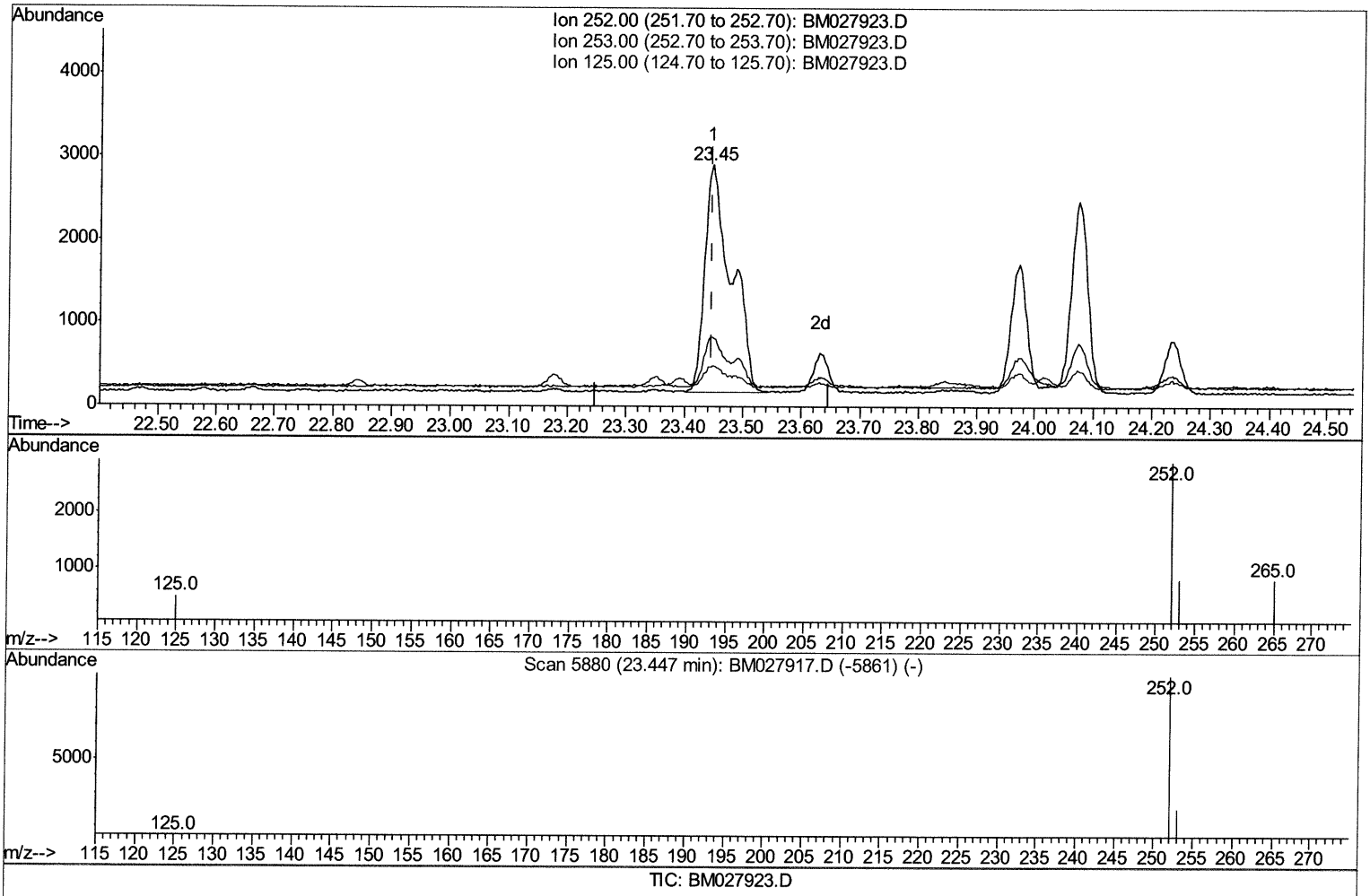
11/25/2020 12:45:06 PM



TIC: BM027923.D

(21) Benzo(b)fluoranthene

23.448min (+0.000) 0.82ng/ul

response 8657

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	28.63
125.00	14.20	17.04
0.00	0.00	0.00

Quantitation Report (Qedit)

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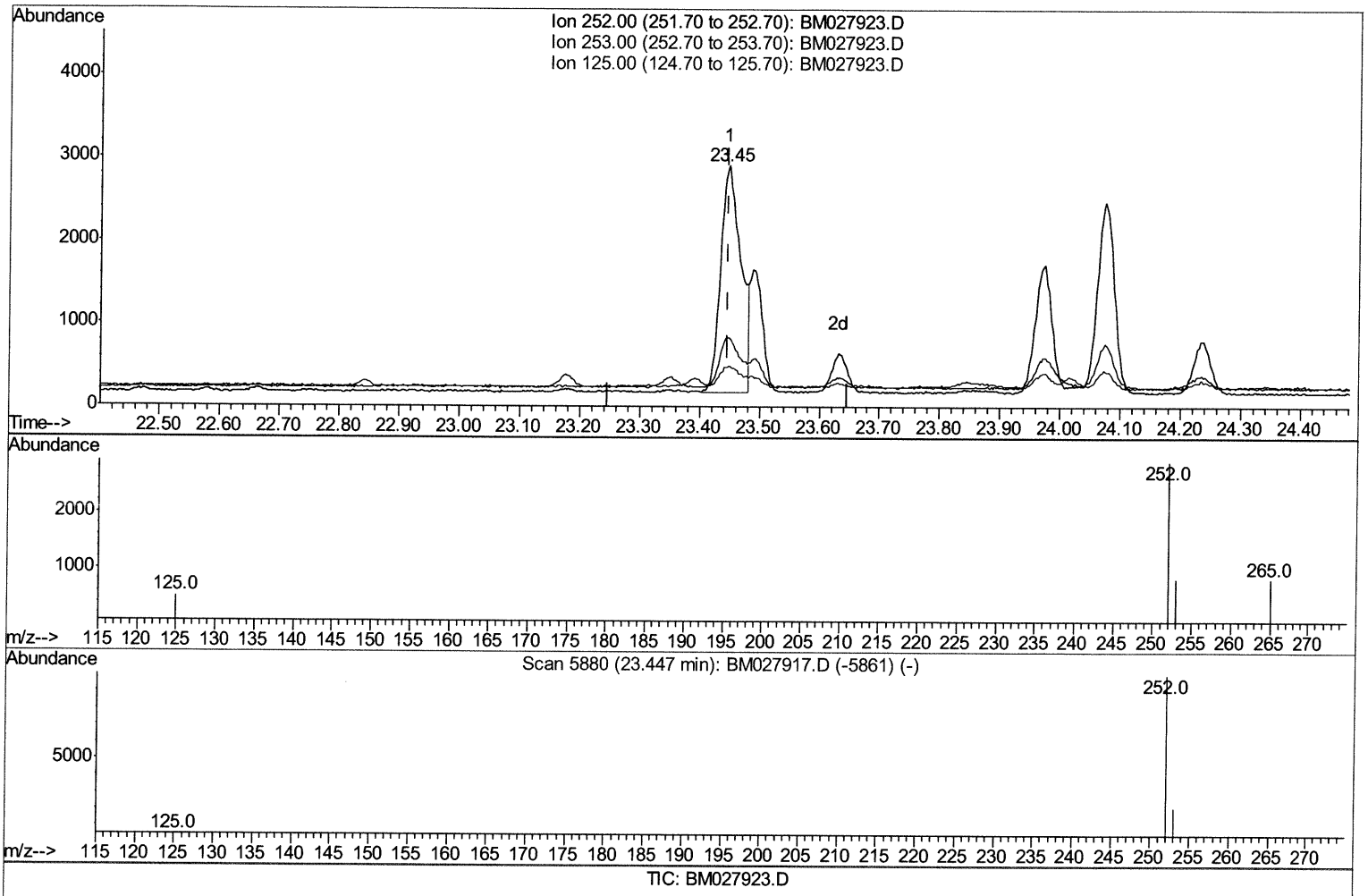
Manual Integrations APPROVED
mohammad
11/25/2020 12:45:06 PM



TIC: BM027923.D

(21) Benzo(b)fluoranthene

23.448min (+0.000) 0.62ng/ul m 11/25/20 JU

response 6534

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	28.63
125.00	14.20	17.04
0.00	0.00	0.00

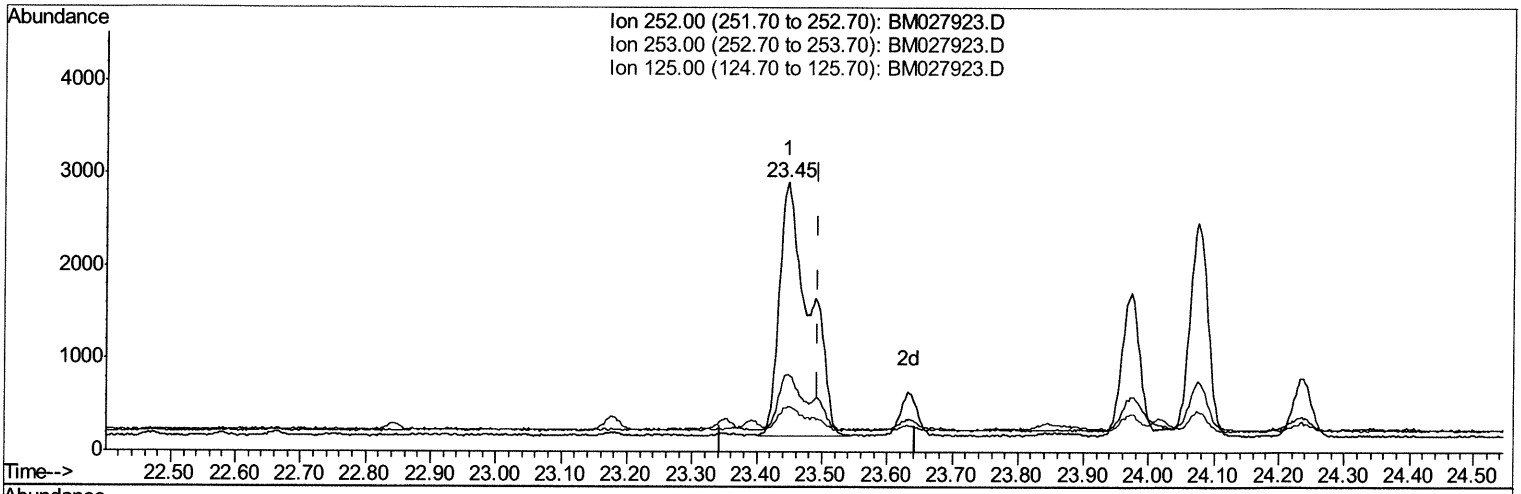
Quantitation Report (Qedit)

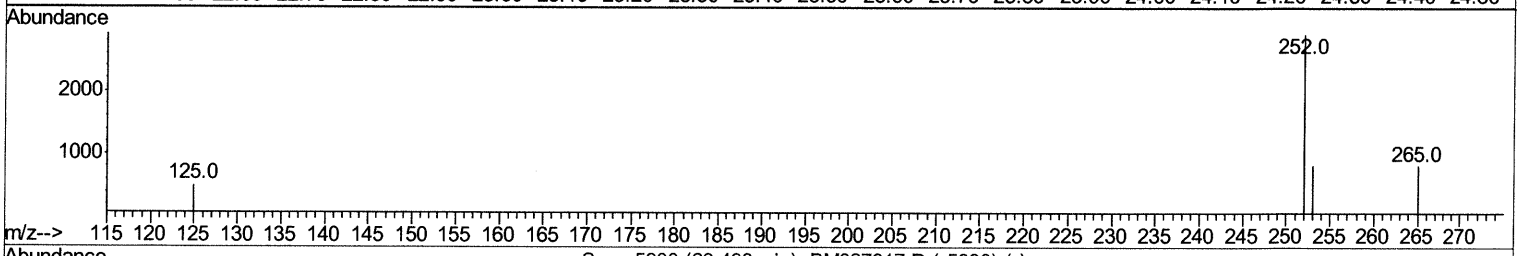
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027923.D
Acq On : 23 Nov 2020 21:02
Operator : JU/CG
Sample : L4711-17DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

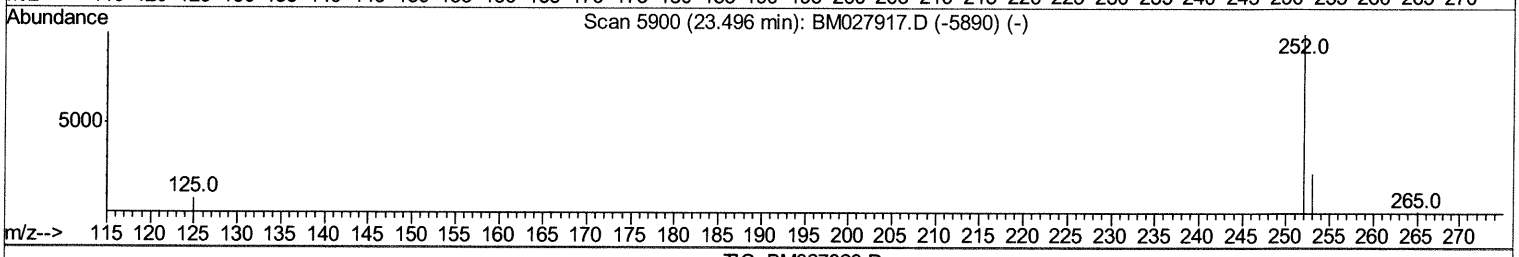
Quant Time: Nov 24 00:45:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 00:42:23 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AW9DL

Manual Integrations APPROVED
mohammad
11/25/2020 12:45:06 PM







TIC: BM027923.D

(22) Benzo(k)fluoranthene

23.448min (-0.046) 0.84ng/ul

response 8657

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	28.63
125.00	14.70	17.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
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Acq On : 23 Nov 2020 21:02
Operator : JU/CG
Sample : L4711-17DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 24 00:45:54 2020
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QLast Update : Tue Nov 24 00:42:23 2020
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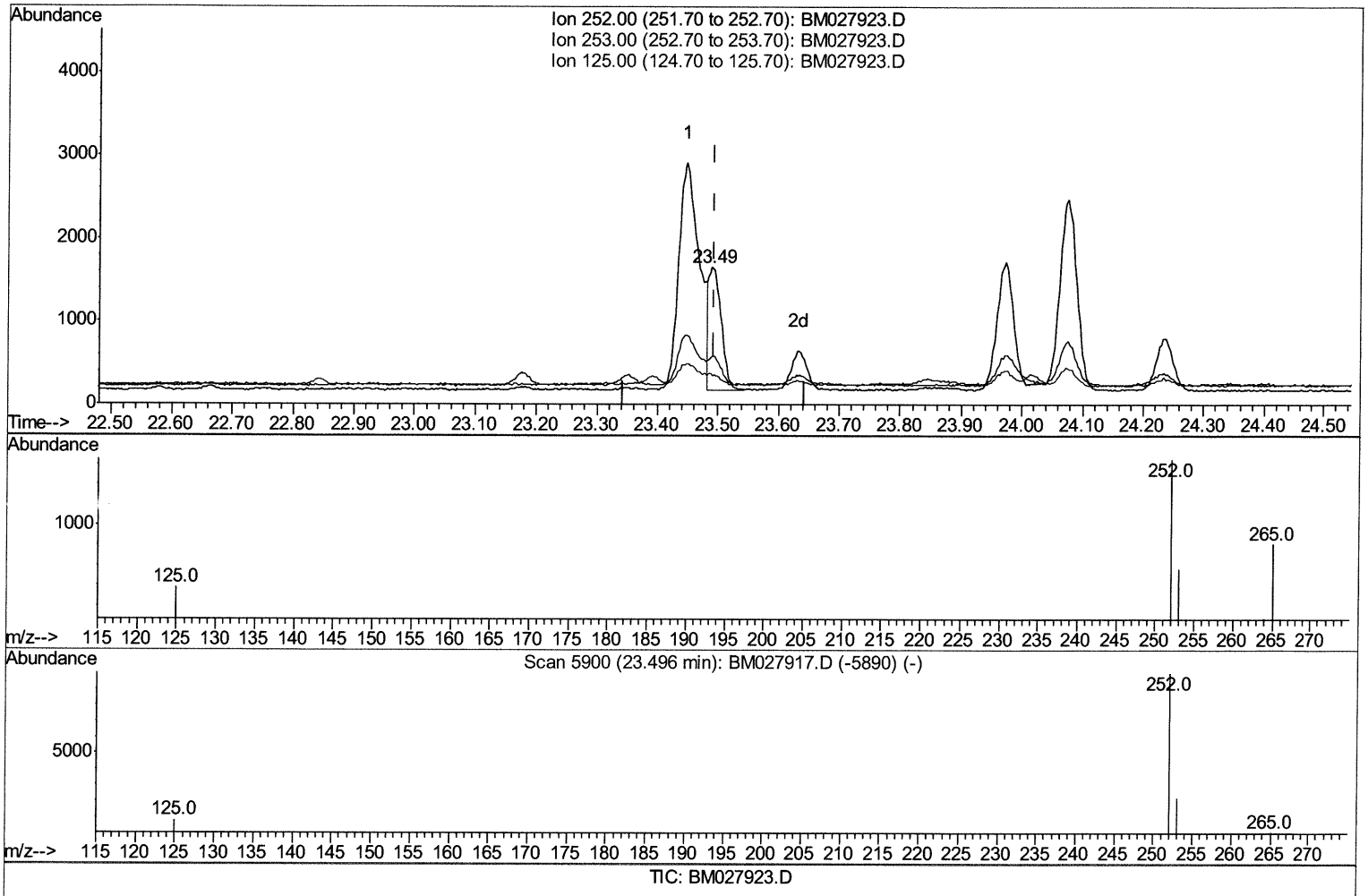
Instrument :
BNA_M
ClientSampleId :
C0AW9DL

Manual Integrations APPROVED
mohammad
11/25/2020 12:45:06 PM



(22) Benzo(k)fluoranthene

23.489min (-0.005) 0.20ng/ul m 11/25/20 JU

response 2107

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	34.42
125.00	14.70	22.85#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027923.D
Acq On : 23 Nov 2020 21:02
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Sample : L4711-17DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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Manual Integrations APPROVED
mohammad
11/25/2020 12:45:06 PM

Quant Time: Nov 24 01:10:03 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1237	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4913	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2810	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5085	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2941	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2500	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	425	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	700	0.05	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	15.00	153	250	0.024	ng/ul#	93
9) Fluorene	15.98	166	292	0.024	ng/ul#	88
12) Phenanthrene	17.70	178	8496	0.529	ng/ul	98
13) Anthracene	17.79	178	2217	0.143	ng/ul	94
15) Fluoranthene	19.68	202	17389	0.976	ng/ul	98
17) Pyrene	20.03	202	14469	0.969	ng/ul	97
18) Benzo(a)anthracene	21.75	228	6303	0.531	ng/ul	98
19) Chrysene	21.80	228	6141	0.531	ng/ul	97
21) Benzo(b)fluoranthene	23.45	252	6534m	0.622	ng/ul	11/25/20 JU
22) Benzo(k)fluoranthene	23.49	252	2107m	0.205	ng/ul	
23) Benzo(a)pyrene	24.08	252	4482	0.488	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.67	276	2703	0.272	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.68	278	722	0.087	ng/ul#	40
26) Benzo(g,h,i)perylene	27.45	276	2528	0.303	ng/ul	95

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