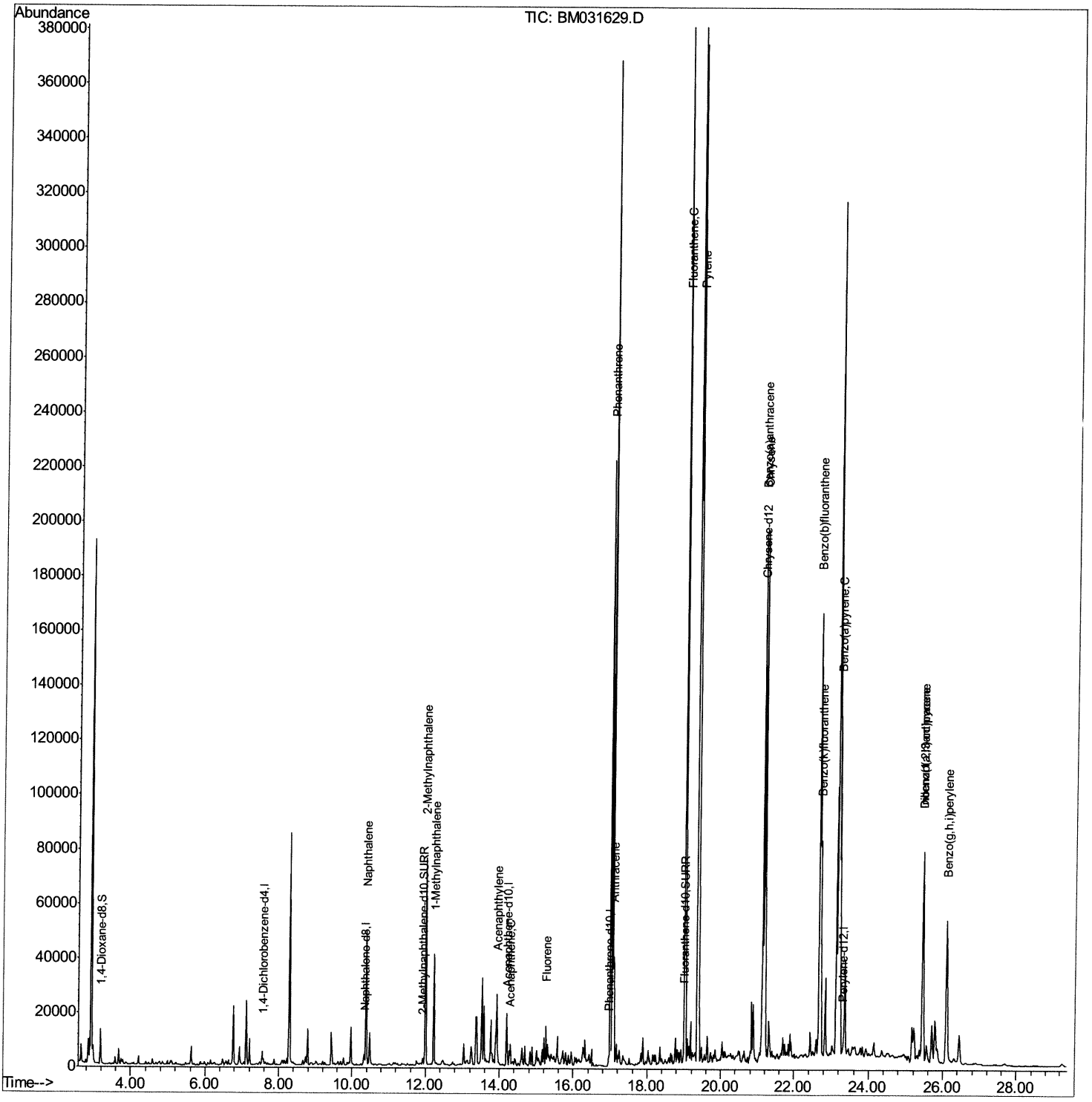
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031629.D
Acq On : 10 Aug 2021 07:31
Operator : CG/JU
Sample : M3169-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 10 09:18:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A8

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:57 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031629.D
Acq On : 10 Aug 2021 07:31
Operator : CG/JU
Sample : M3169-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 10 09:15:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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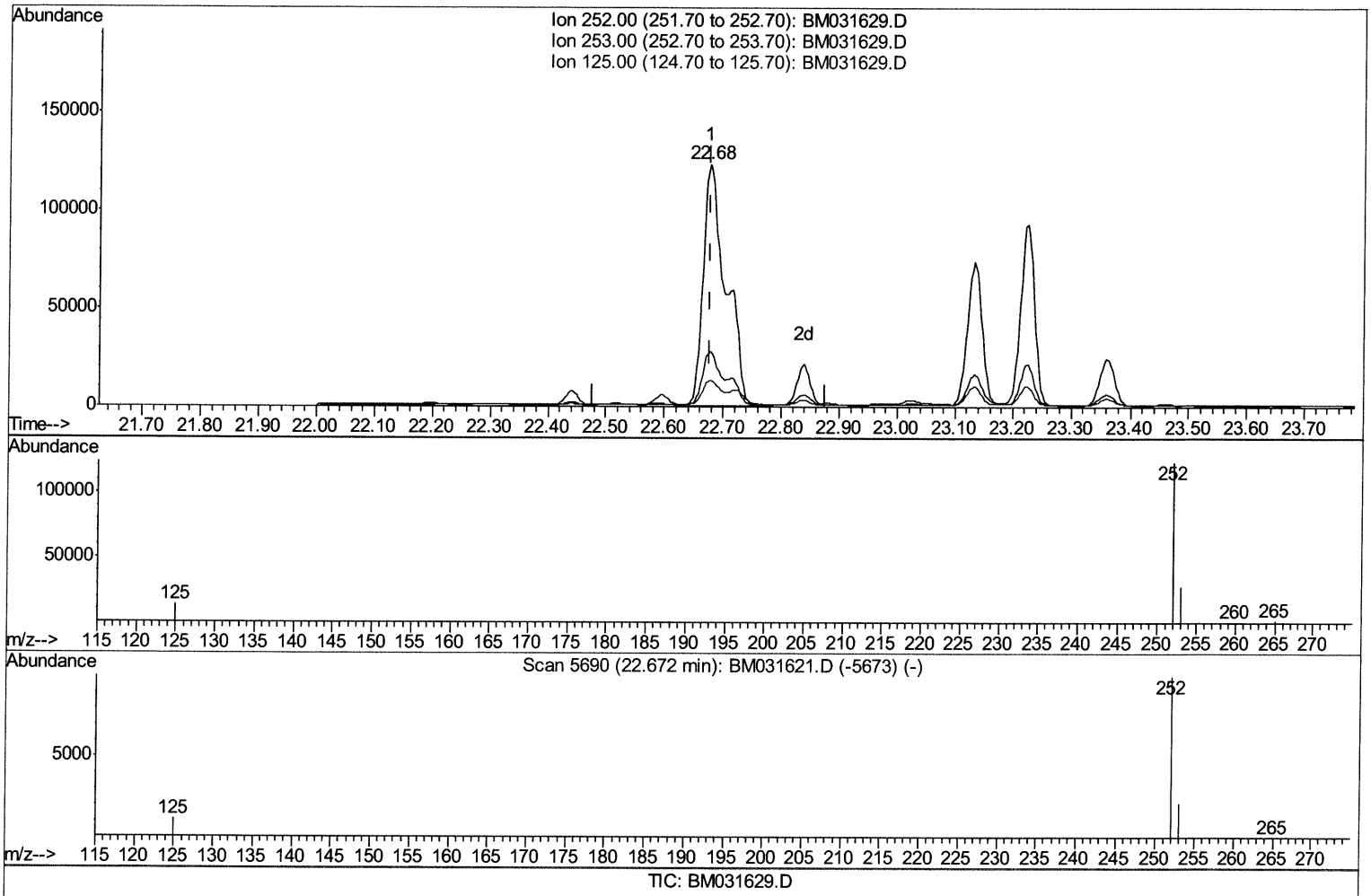
Manual Integrations APPROVED
mohammad
8/10/2021 4:36:57 PM



TIC: BM031629.D

(24) Benzo(b)fluoranthene

22.677min (-0.000) 17.98ng/ul

response 328099

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.74
125.00	11.40	10.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
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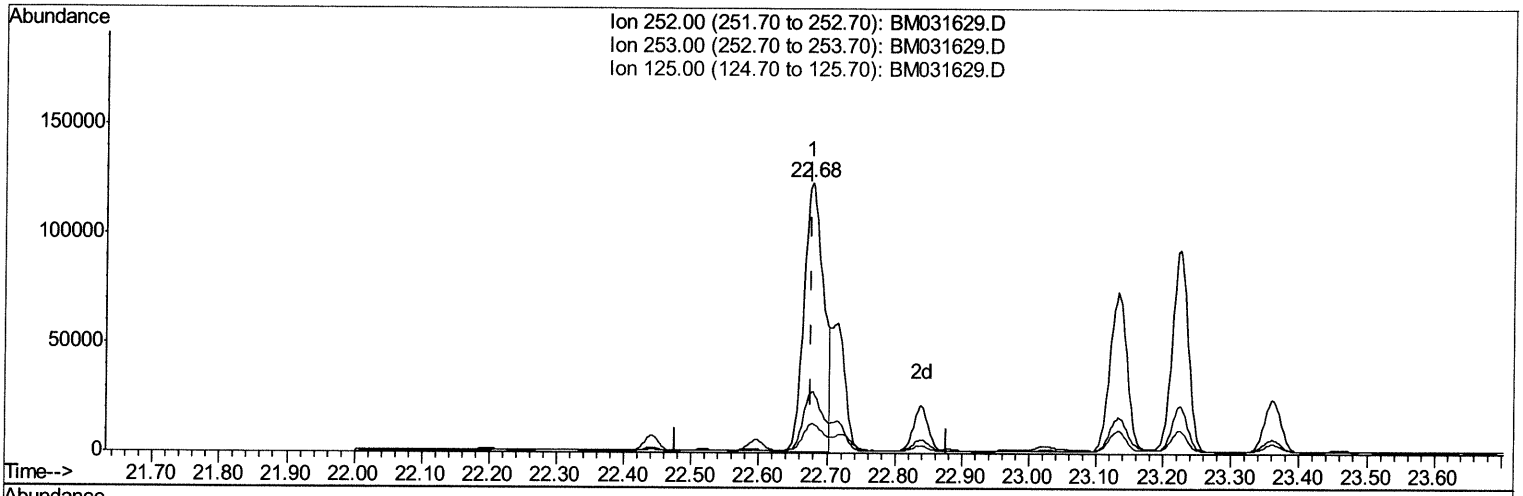
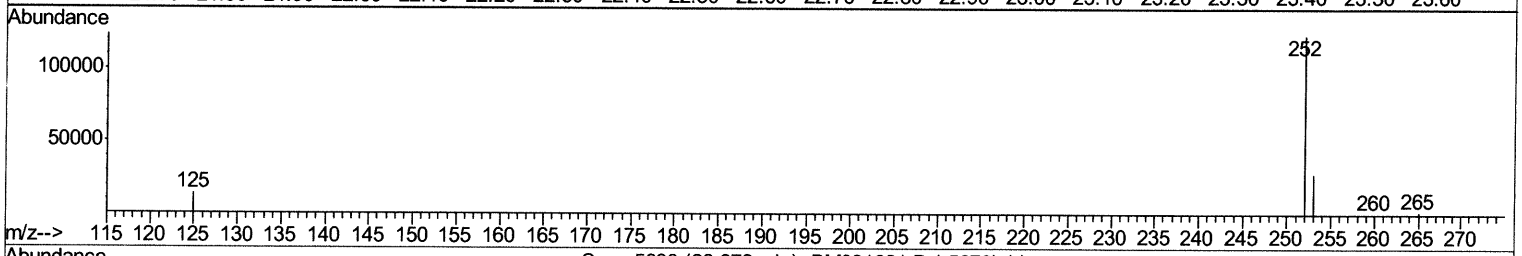
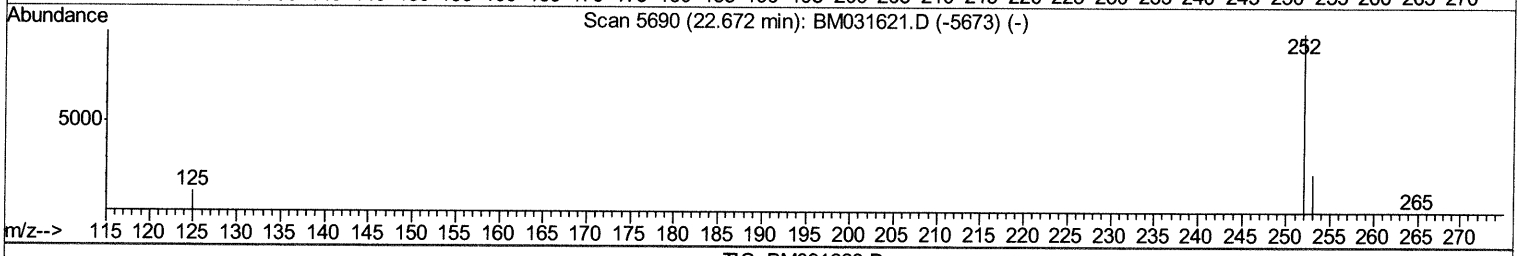
C00A8

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:57 PM







TIC: BM031629.D

(24) Benzo(b)fluoranthene

22.677min (-0.000) 13.48ng/ul m

response 245960

JU 8/12/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.74
125.00	11.40	10.89
0.00	0.00	0.00

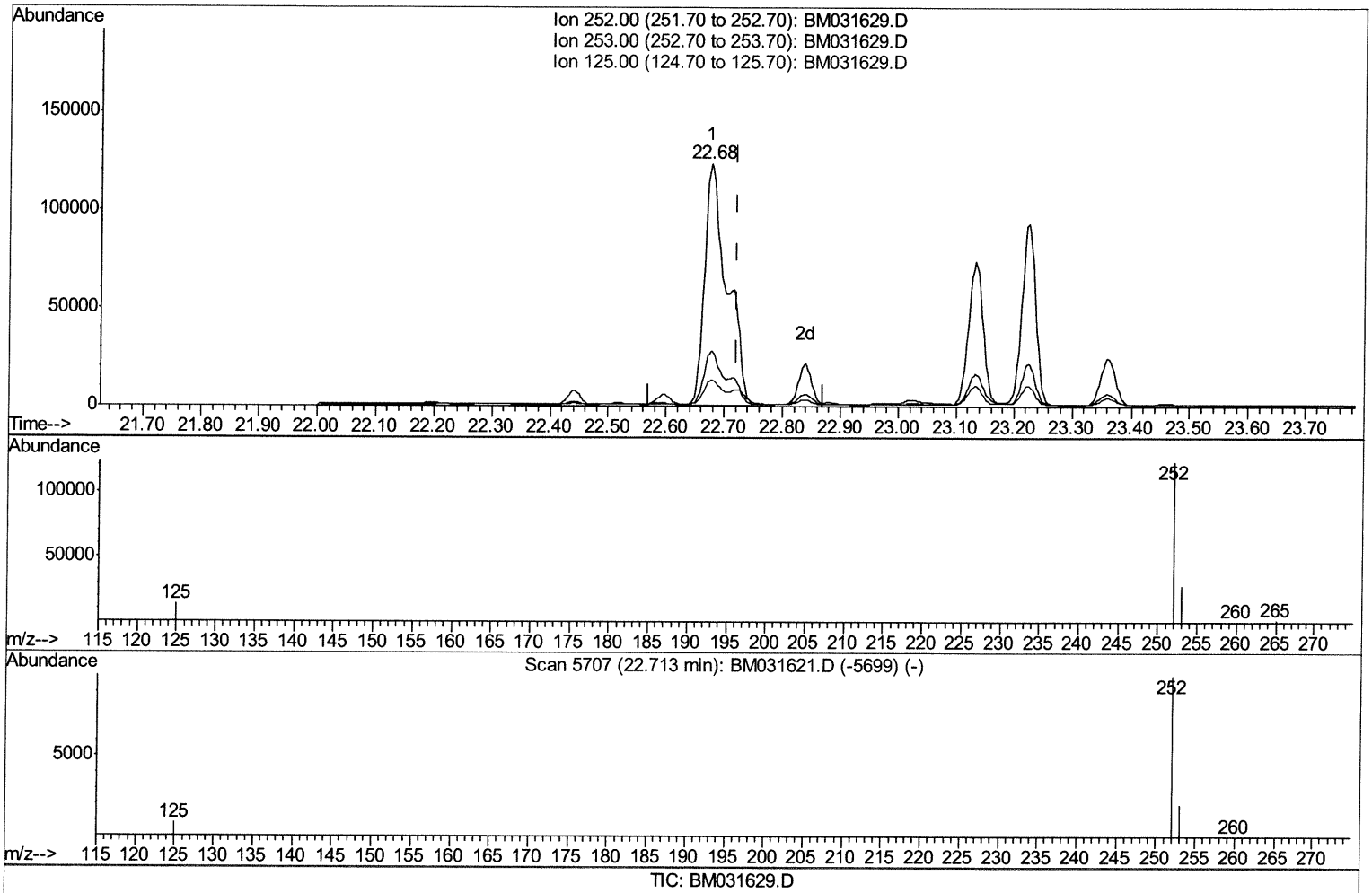
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031629.D
Acq On : 10 Aug 2021 07:31
Operator : CG/JU
Sample : M3169-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 10 09:17:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A8

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:57 PM



TIC: BM031629.D

(25) Benzo(k)fluoranthene

22.677min (-0.044) 17.41ng/ul

response 328099

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.74
125.00	11.00	10.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031629.D
Acq On : 10 Aug 2021 07:31
Operator : CG/JU
Sample : M3169-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 10 09:17:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Tue Aug 10 08:05:02 2021
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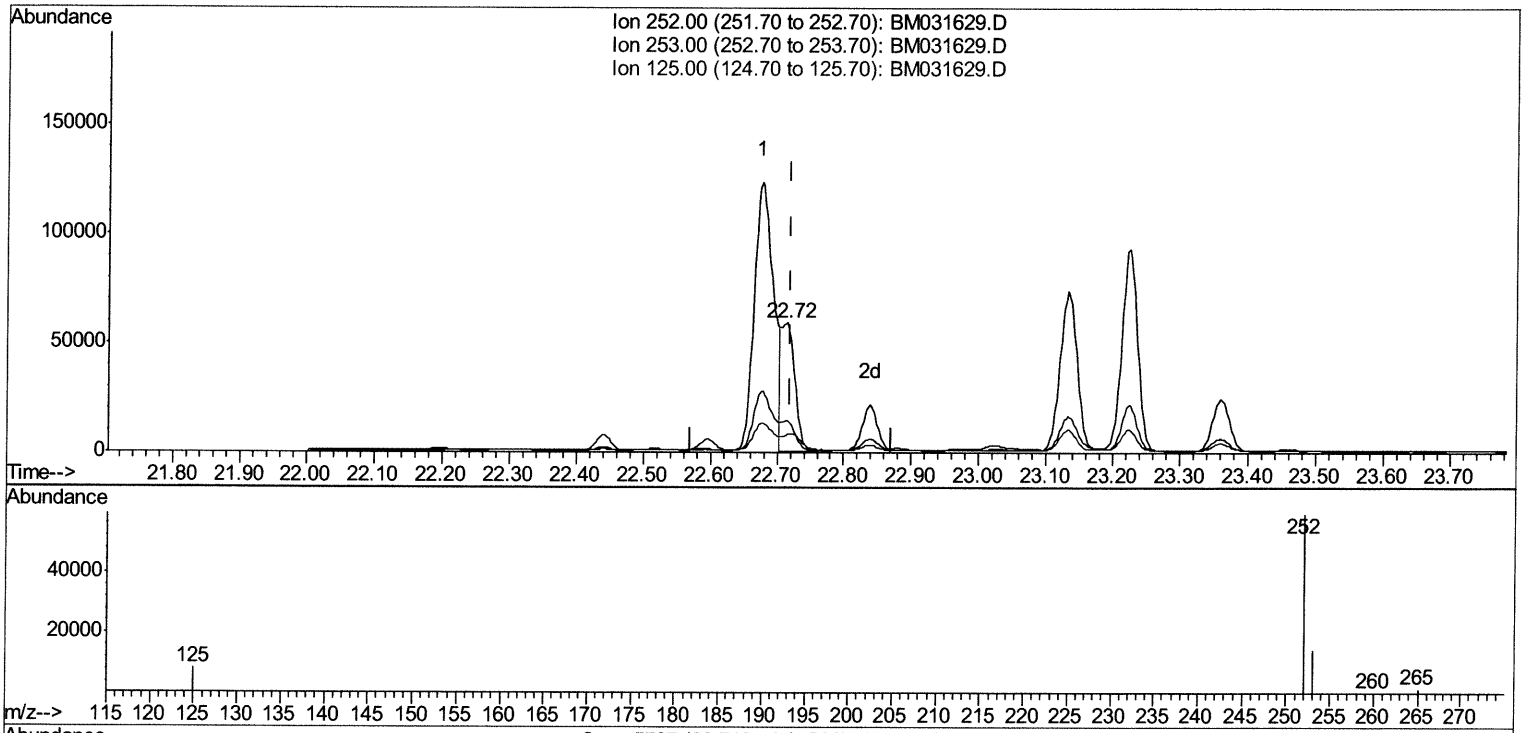
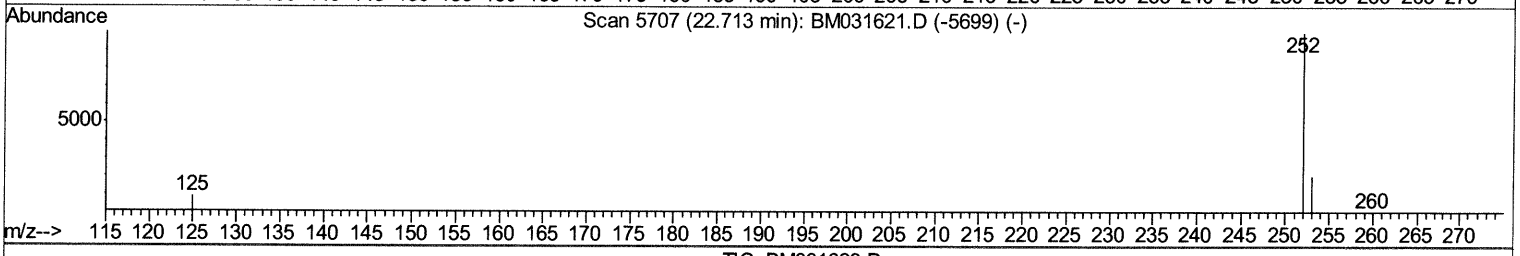
Instrument :
BNA_M
ClientSampleId :
C00A8

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:57 PM





TIC: BM031629.D

(25) Benzo(k)fluoranthene

22.716min (-0.005) 4.38ng/ul m

JU 8/12/21

response 82473

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.45
125.00	11.00	13.77#
0.00	0.00	0.00

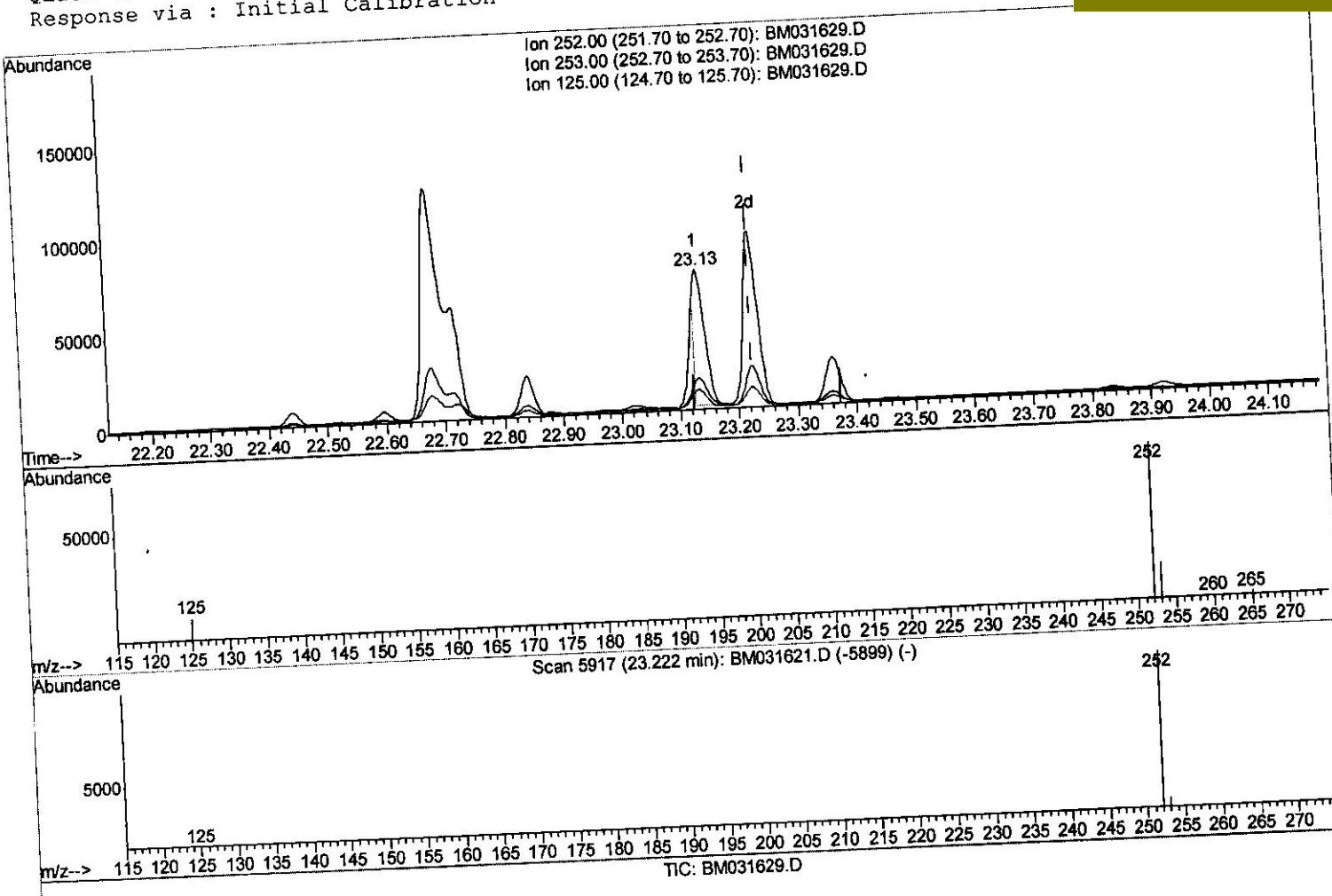
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031629.D
Acq On : 10 Aug 2021 07:31
Operator : CG/JU
Sample : M3169-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 10 09:17:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A8

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:57 PM



(26) Benzo(a)pyrene (C)

23.132min (-0.092) 5.55ng/ul

response 88721

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.04
125.00	16.20	14.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031629.D
Acq On : 10 Aug 2021 07:31
Operator : CG/JU
Sample : M3169-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 10 09:17:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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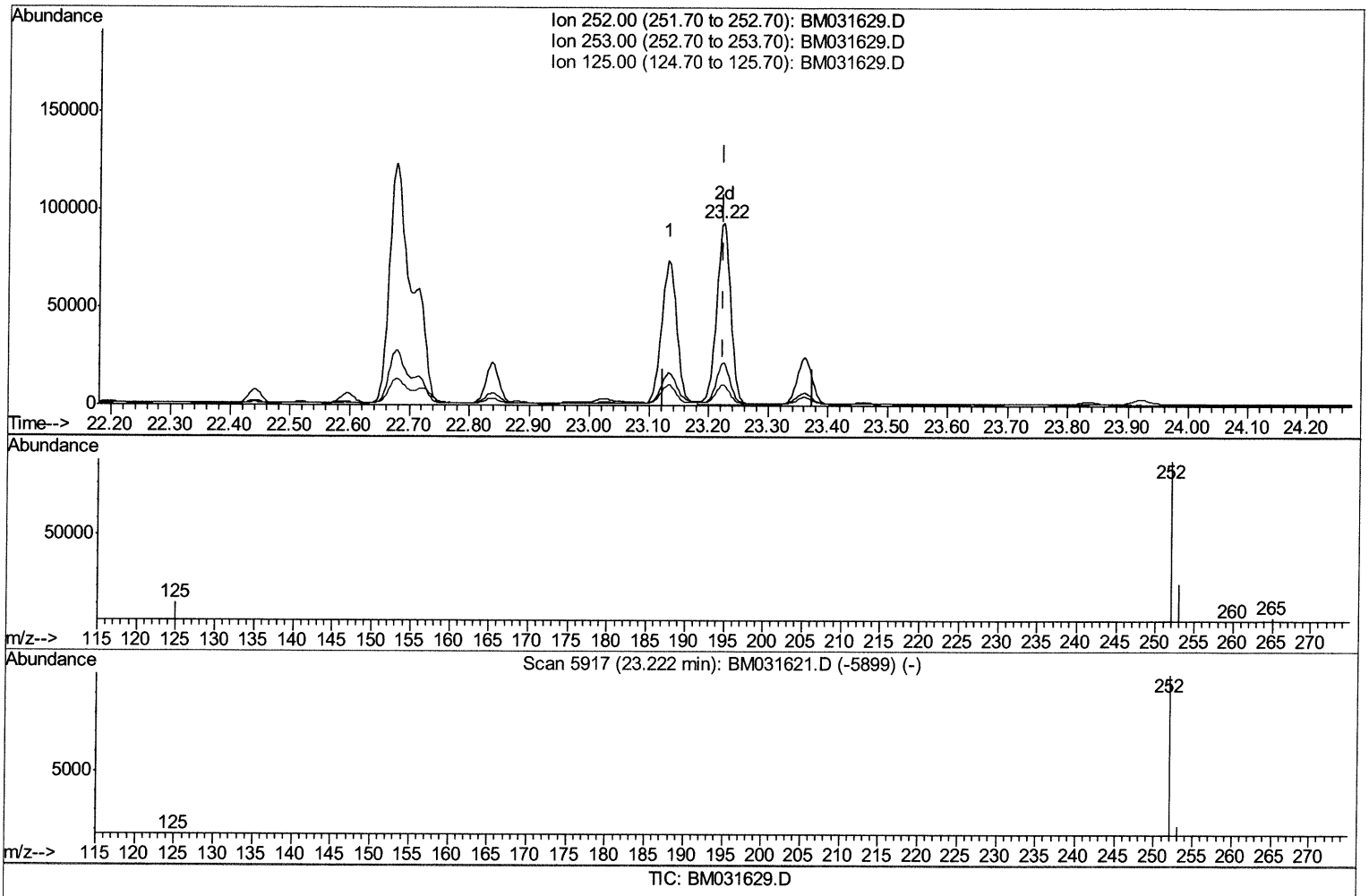
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A8

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:57 PM



TIC: BM031629.D

(26) Benzo(a)pyrene (C)

23.224min (-0.000) 9.62ng/ul m JU 8/12/21

response 153754

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.46
125.00	16.20	11.36#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031629.D
Acq On : 10 Aug 2021 07:31
Operator : CG/JU
Sample : M3169-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00A8

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:57 PM

Quant Time: Aug 10 09:18:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Tue Aug 10 08:05:02 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1219	0.40	ng/ul	0.00
4) Naphthalene-d8	10.34	136	4449	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.21	164	3248	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	4923	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	3924	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	4049	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	7814	5.77	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	3081	0.41	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	5972	0.46	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	65803	4.965	ng/ul	97
7) 2-Methylnaphthalene	12.00	142	52378	5.785	ng/ul	99
8) 1-Methylnaphthalene	12.23	142	26456	2.957	ng/ul	100
10) Acenaphthylene	13.93	152	28907	2.090	ng/ul	99
11) Acenaphthene	14.27	153	4626	0.397	ng/ul	98
12) Fluorene	15.27	166	7281	0.543	ng/ul#	88
15) Phenanthrene	17.00	178	232584	14.878	ng/ul	97
16) Anthracene	17.09	178	43063	2.942	ng/ul	98
19) Fluoranthene	19.02	202	345134	20.598	ng/ul#	96
20) Pyrene	19.39	202	303185	17.840	ng/ul	97
21) Benzo(a)anthracene	21.14	228	156506	9.877	ng/ul	95
22) Chrysene	21.19	228	191160	11.660	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	245960m	13.482	ng/ul	
25) Benzo(k)fluoranthene	22.72	252	82473m	4.376	ng/ul	
26) Benzo(a)pyrene	23.22	252	153754m	9.624	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.45	276	117776	5.703	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.45	278	29575	1.777	ng/ul#	92
29) Benzo(g,h,i)perylene	26.10	276	103502	5.875	ng/ul	98

JU 8/12/21

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