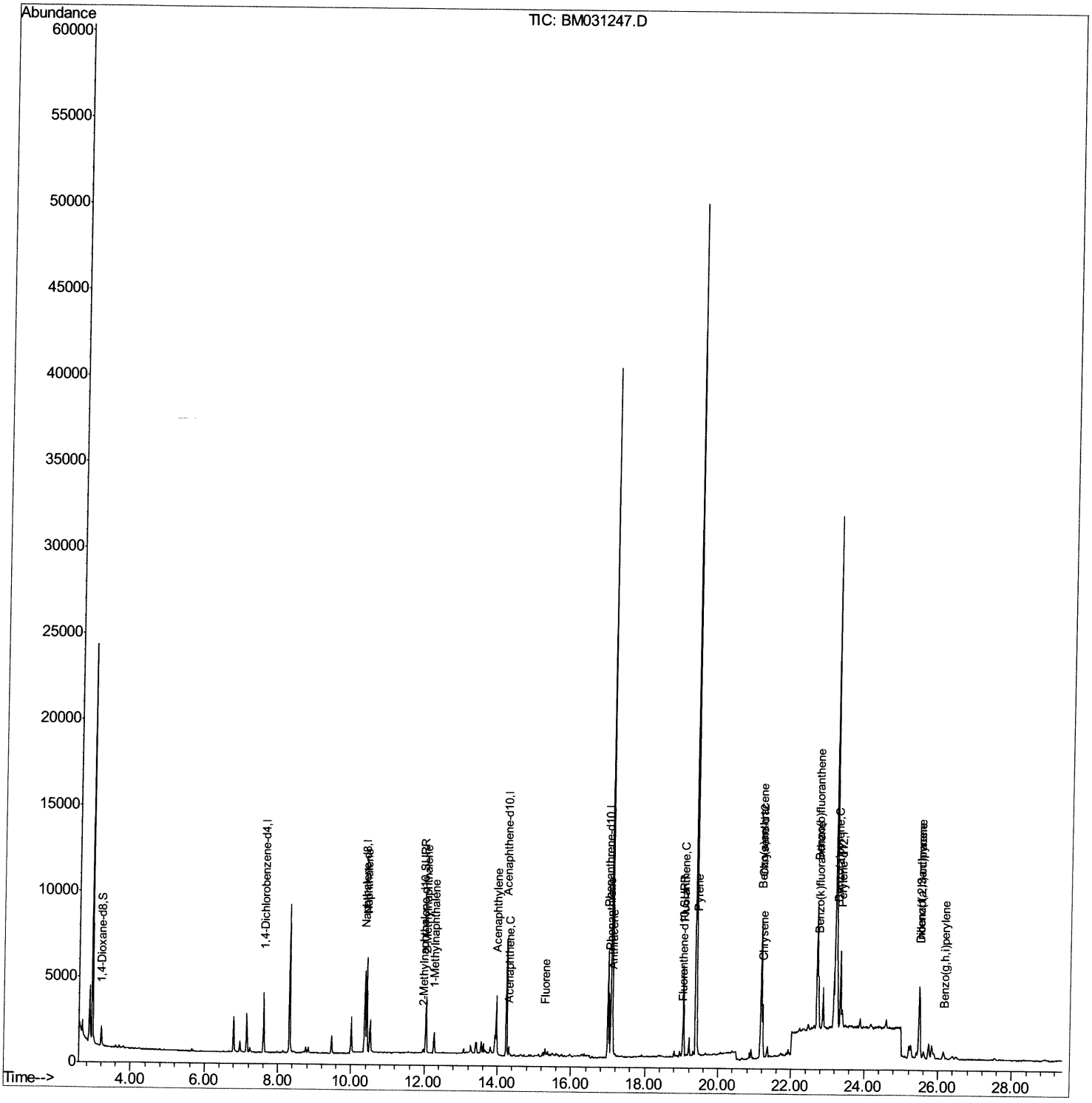
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031247.D
Acq On : 29 Jul 2021 14:11
Operator : CG/JU
Sample : M3082-02DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 15:04:55 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 : Thu Jul 29 13:28:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0002DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:01:58 PM



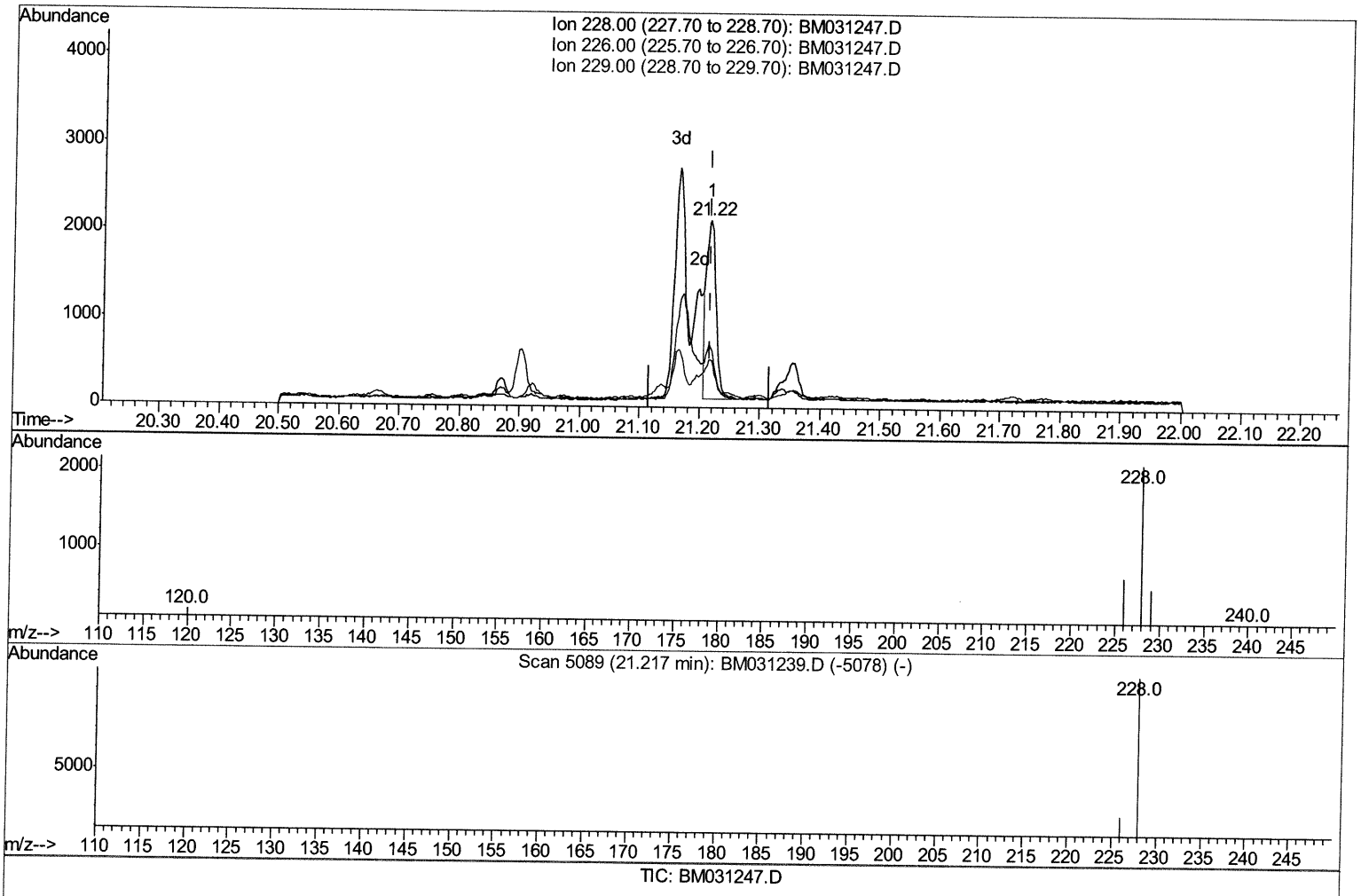
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031247.D
Acq On : 29 Jul 2021 14:11
Operator : CG/JU
Sample : M3082-02DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 14:45:06 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 : Thu Jul 29 13:28:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0002DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:01:58 PM



TIC: BM031247.D

(22) Chrysene

21.217min (-0.000) 0.10ng/ul

response 2393

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	32.30
229.00	20.20	25.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
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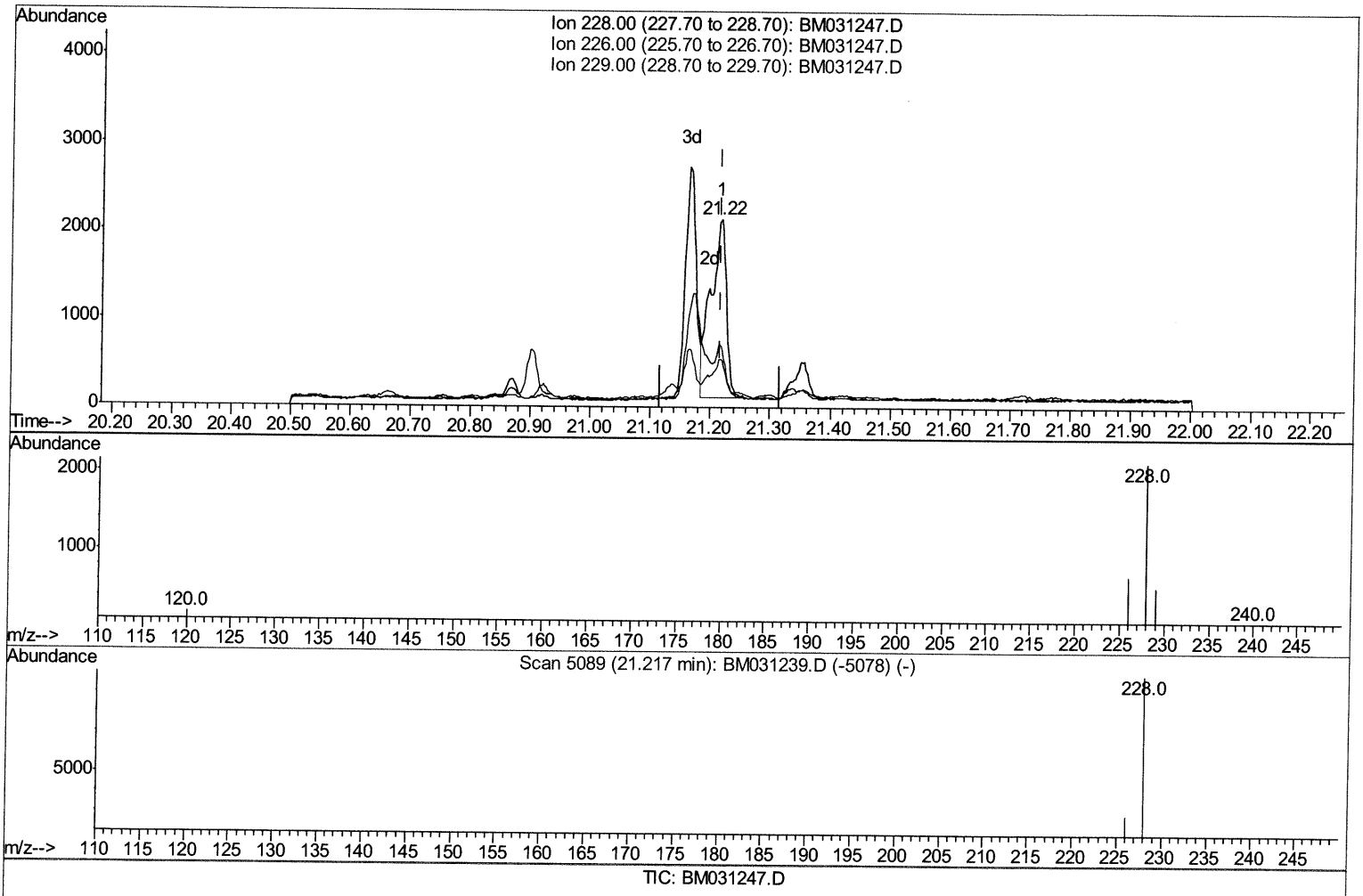
BNA_M
ClientSampleId :
C0002DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:01:58 PM



TIC: BM031247.D

(22) Chrysene

21.217min (-0.000) 0.16ng/ul m 08/02/21 JU

response 3741

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	32.30
229.00	20.20	25.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031247.D
Acq On : 29 Jul 2021 14:11
Operator : CG/JU
Sample : M3082-02DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 14:45:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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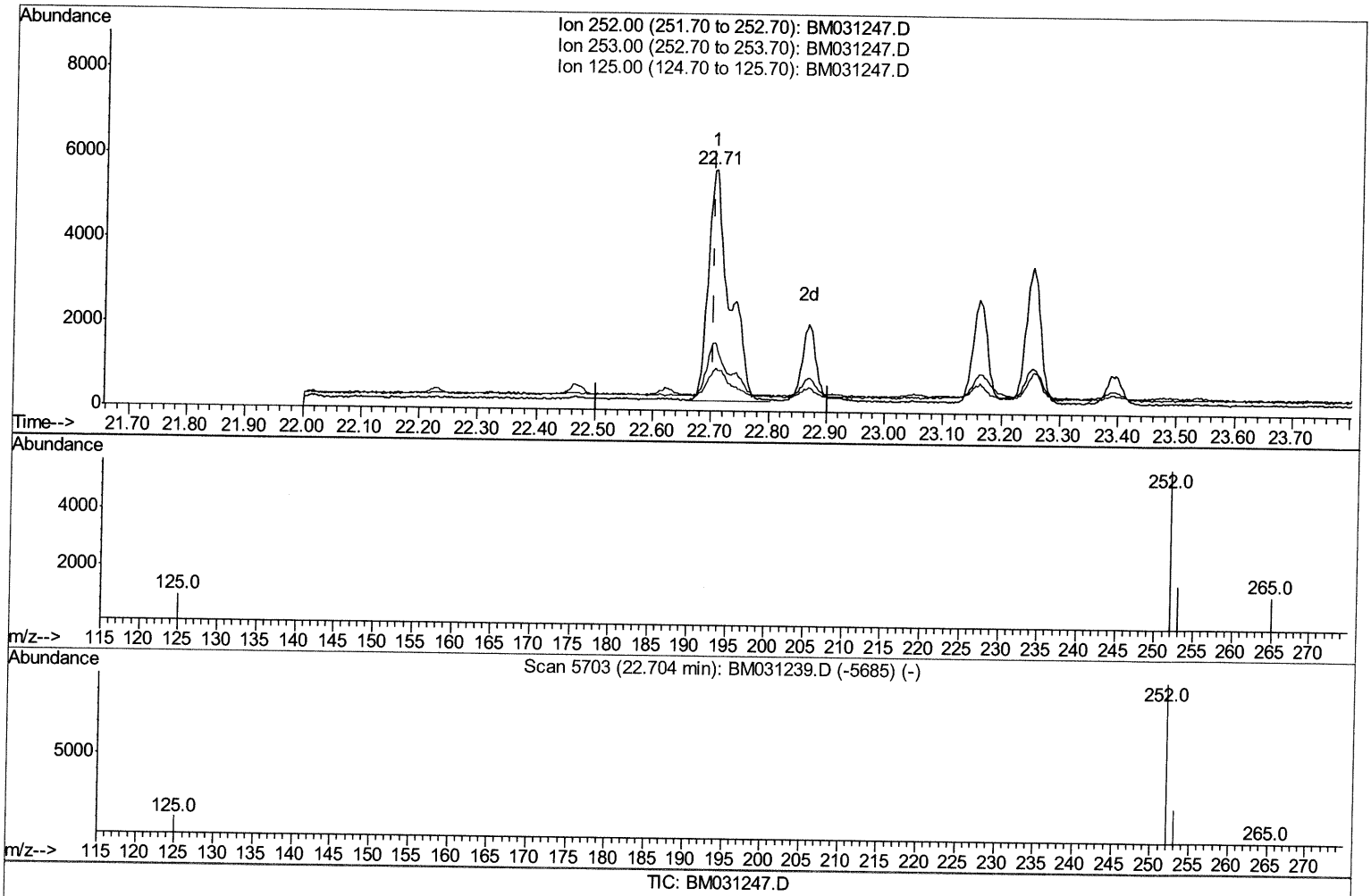
QLast Update : Thu Jul 29 13:28:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0002DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:01:58 PM



TIC: BM031247.D

(24) Benzo(b)fluoranthene

22.706min (+0.002) 0.56ng/ul

response 13922

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.31
125.00	11.40	17.06
0.00	0.00	0.00

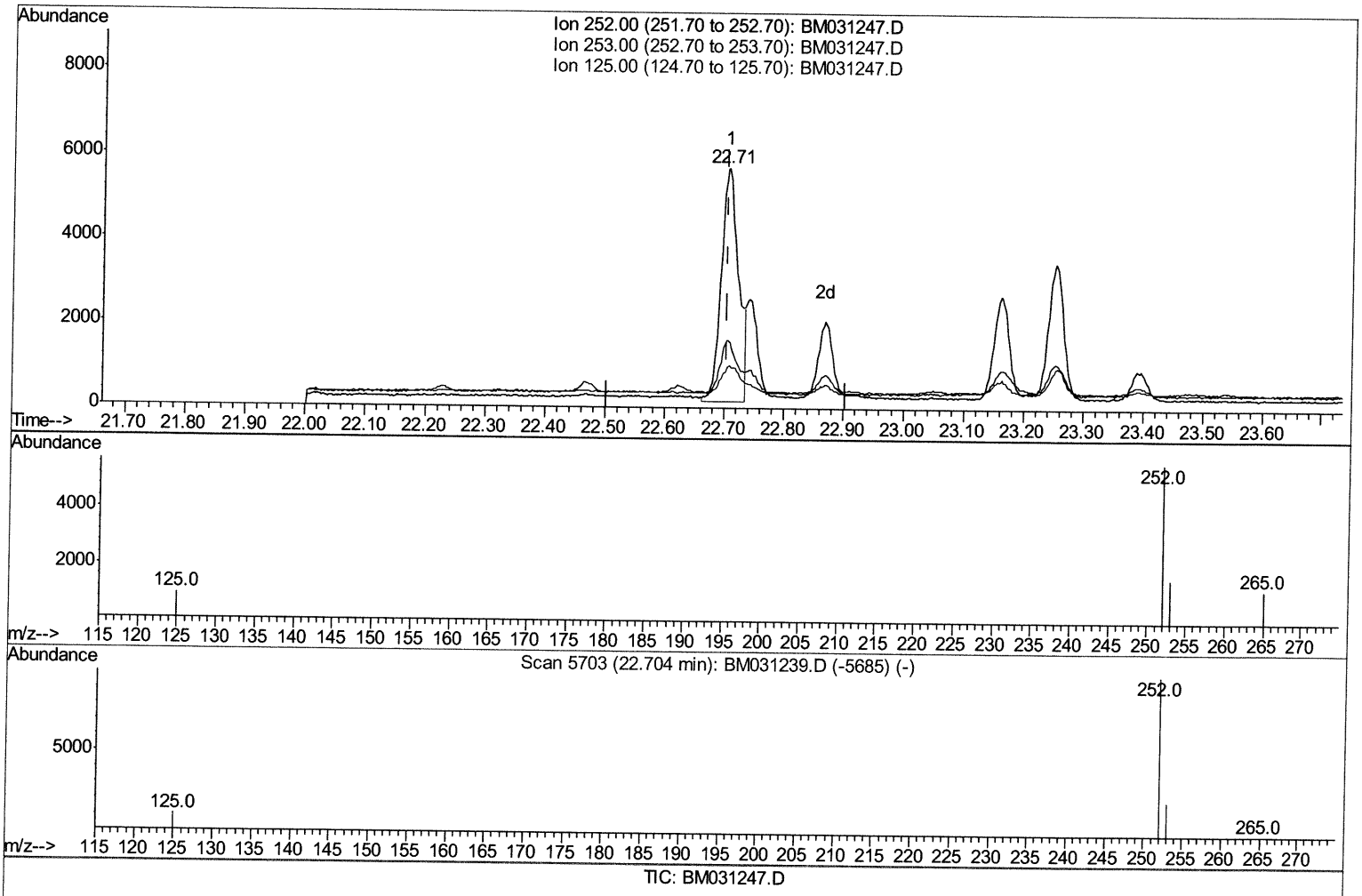
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031247.D
Acq On : 29 Jul 2021 14:11
Operator : CG/JU
Sample : M3082-02DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 14:45:06 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 : Thu Jul 29 13:28:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0002DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:01:58 PM



TIC: BM031247.D

(24) Benzo(b)fluoranthene

22.706min (+0.002) 0.46ng/ul m 08/02/21 JU

response 11263

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.31
125.00	11.40	17.06
0.00	0.00	0.00

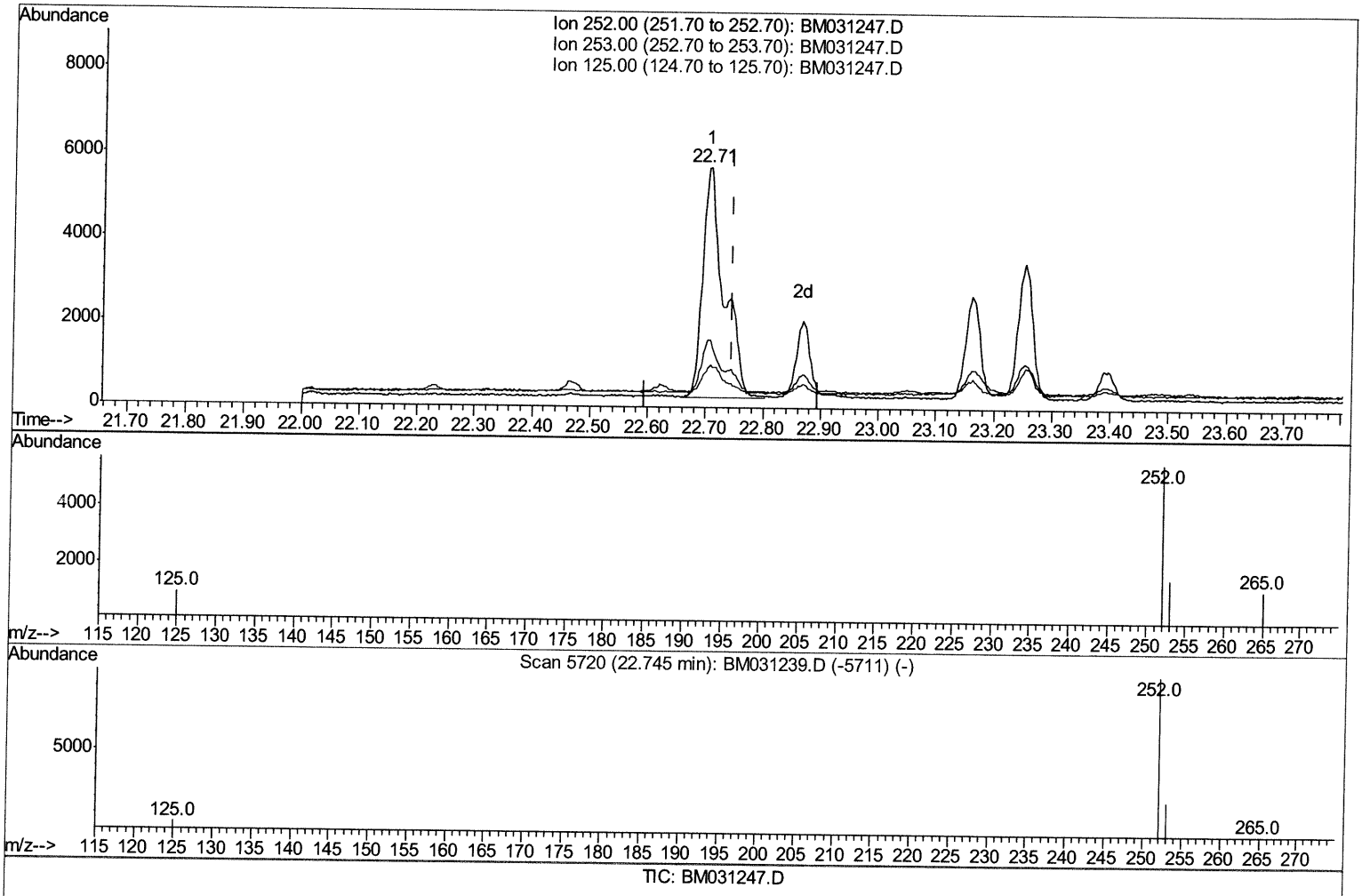
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031247.D
Acq On : 29 Jul 2021 14:11
Operator : CG/JU
Sample : M3082-02DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 29 14:45:06 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 : Thu Jul 29 13:28:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0002DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:01:58 PM



TIC: BM031247.D

(25) Benzo(k)fluoranthene

22.706min (-0.039) 0.55ng/ul

response 13922

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.31
125.00	11.00	17.06#
0.00	0.00	0.00

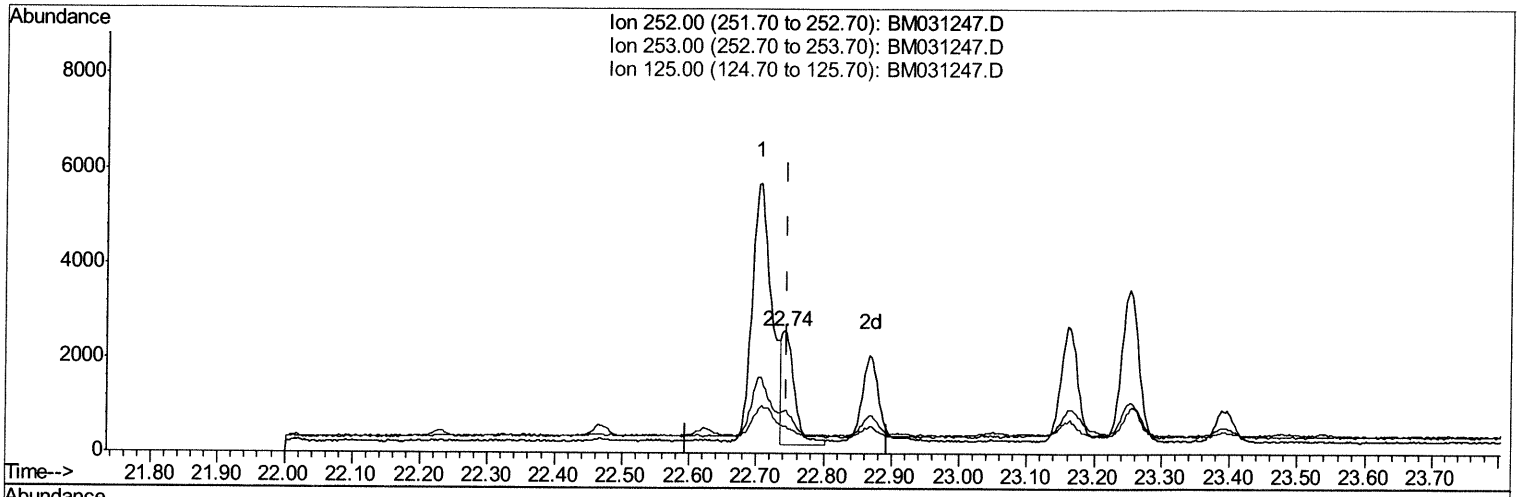
Quantitation Report (Qedit)

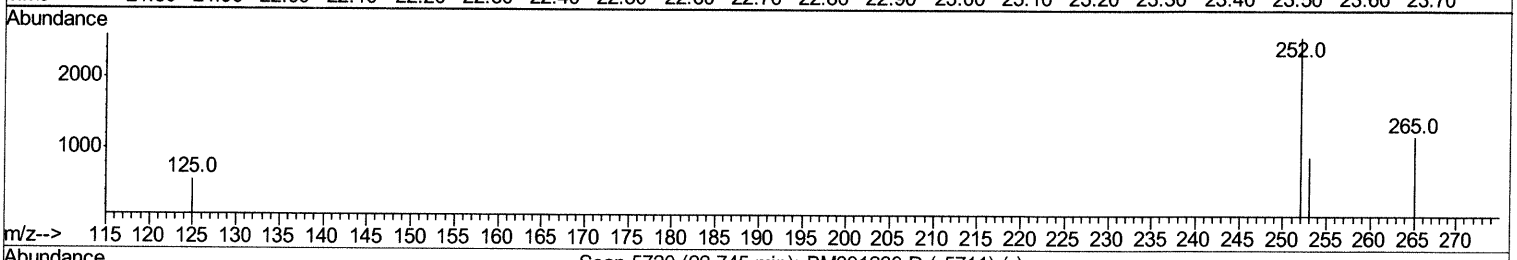
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031247.D
Acq On : 29 Jul 2021 14:11
Operator : CG/JU
Sample : M3082-02DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

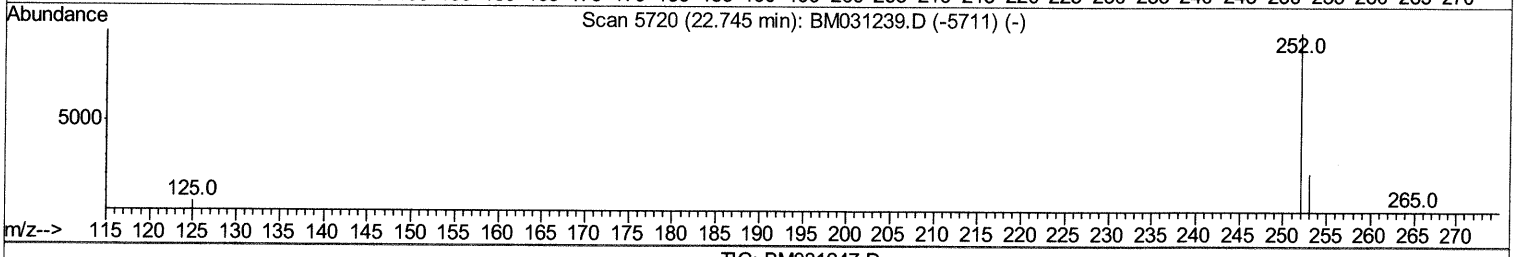
Quant Time: Jul 29 14:45:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 13:28:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0002DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:01:58 PM







TIC: BM031247.D

(25) Benzo(k)fluoranthene

22.742min (-0.003) 0.13ng/ul m 08/02/21 JU

response 3230

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.87#
125.00	11.00	21.96#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031247.D
Acq On : 29 Jul 2021 14:11
Operator : CG/JU
Sample : M3082-02DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0002DL

Manual Integrations APPROVED
mohammad
7/30/2021 12:01:58 PM

Quant Time: Jul 29 15:04:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1650	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	6291	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3748	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	7404	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	5663	0.40	ng/ul	0.00
23) Perylene-d12	23.35	264	5472	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	763	0.42	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	313	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	627	0.03	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	7332	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.05	142	2415	0.189	ng/ul	100
8) 1-Methylnaphthalene	12.27	142	871	0.069	ng/ul	99
10) Acenaphthylene	13.96	152	4000	0.251	ng/ul	100
11) Acenaphthene	14.31	153	365	0.027	ng/ul	92
12) Fluorene	15.30	166	330	0.021	ng/ul#	82
15) Phenanthrene	17.03	178	3873	0.165	ng/ul	98
16) Anthracene	17.12	178	2224	0.101	ng/ul#	93
19) Fluoranthene	19.05	202	4675	0.193	ng/ul#	95
20) Pyrene	19.42	202	4443	0.181	ng/ul#	94
21) Benzo(a)anthracene	21.16	228	3295	0.144	ng/ul#	84
22) Chrysene	21.22	228	3741m	0.158	ng/ul	
24) Benzo(b)fluoranthene	22.71	252	11263m	0.457	ng/ul	08/02/21 JU
25) Benzo(k)fluoranthene	22.74	252	3230m	0.127	ng/ul	
26) Benzo(a)pyrene	23.25	252	5699	0.264	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.49	276	6536	0.234	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.50	278	1762	0.078	ng/ul#	62
29) Benzo(g,h,i)perylene	26.15	276	850	0.036	ng/ul#	62

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