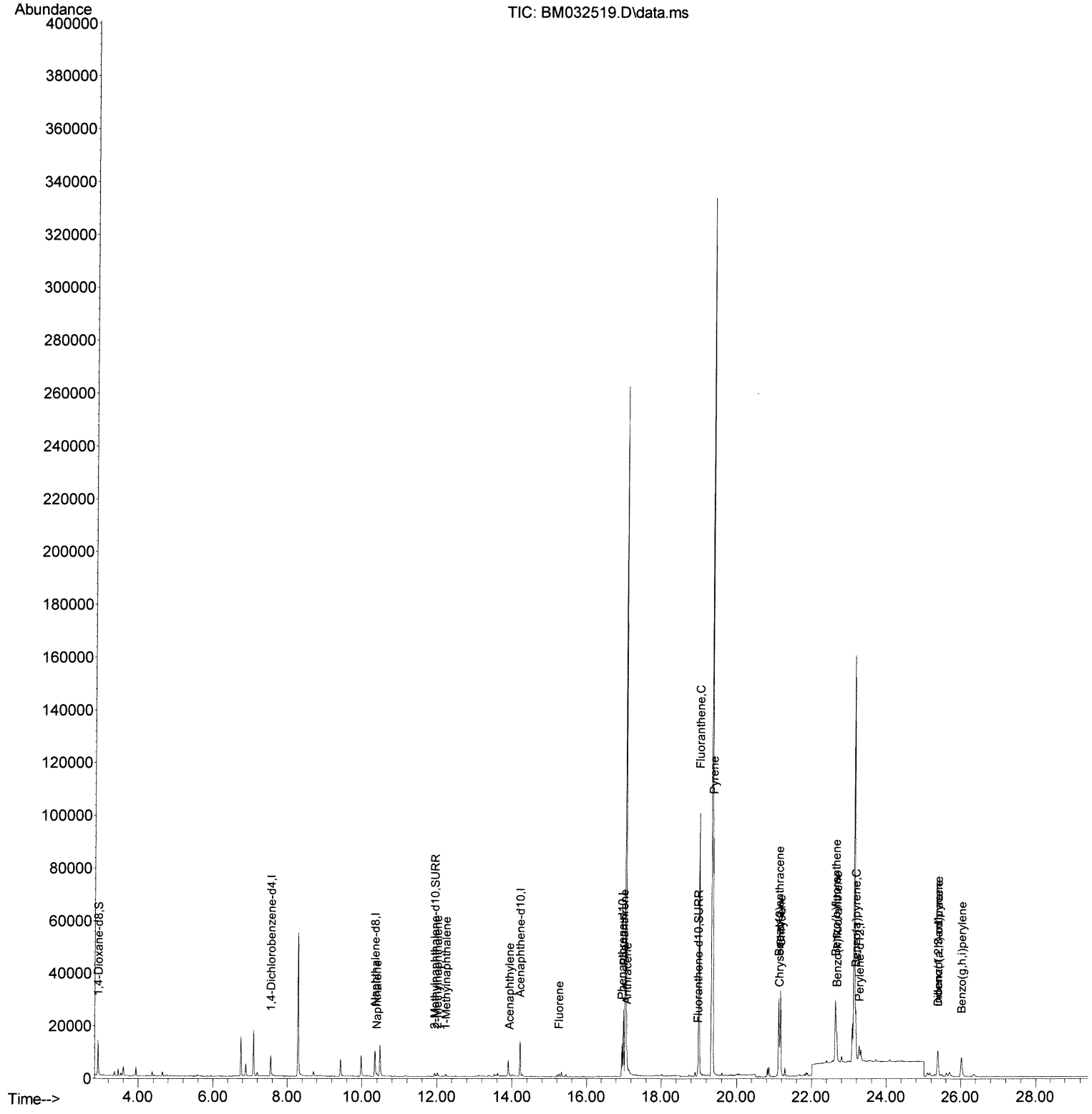
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032519.D
Acq On : 15 Oct 2021 11:03
Operator : CG/JU
Sample : M4030-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 12:50:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00U7

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:04 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032519.D
Acq On : 15 Oct 2021 11:03
Operator : CG/JU
Sample : M4030-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 12:50:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
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Instrument :
BNA_M
ClientSampleId :
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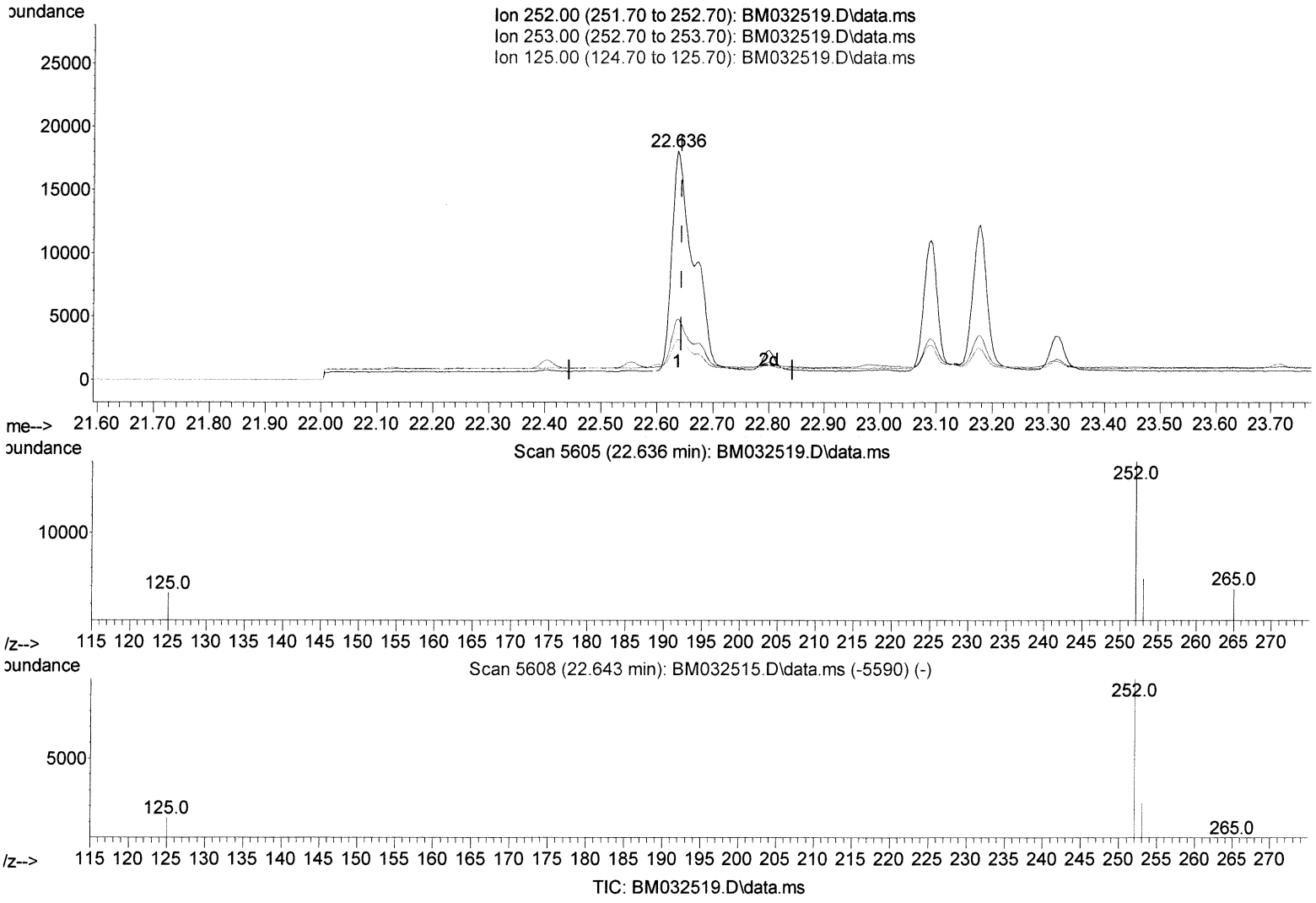
Manual Integrations APPROVED
mohammad
10/18/2021 12:41:04 PM



(24) Benzo(b)fluoranthene

22.636min (-0.007) 1.50 ng/ul

response 47974

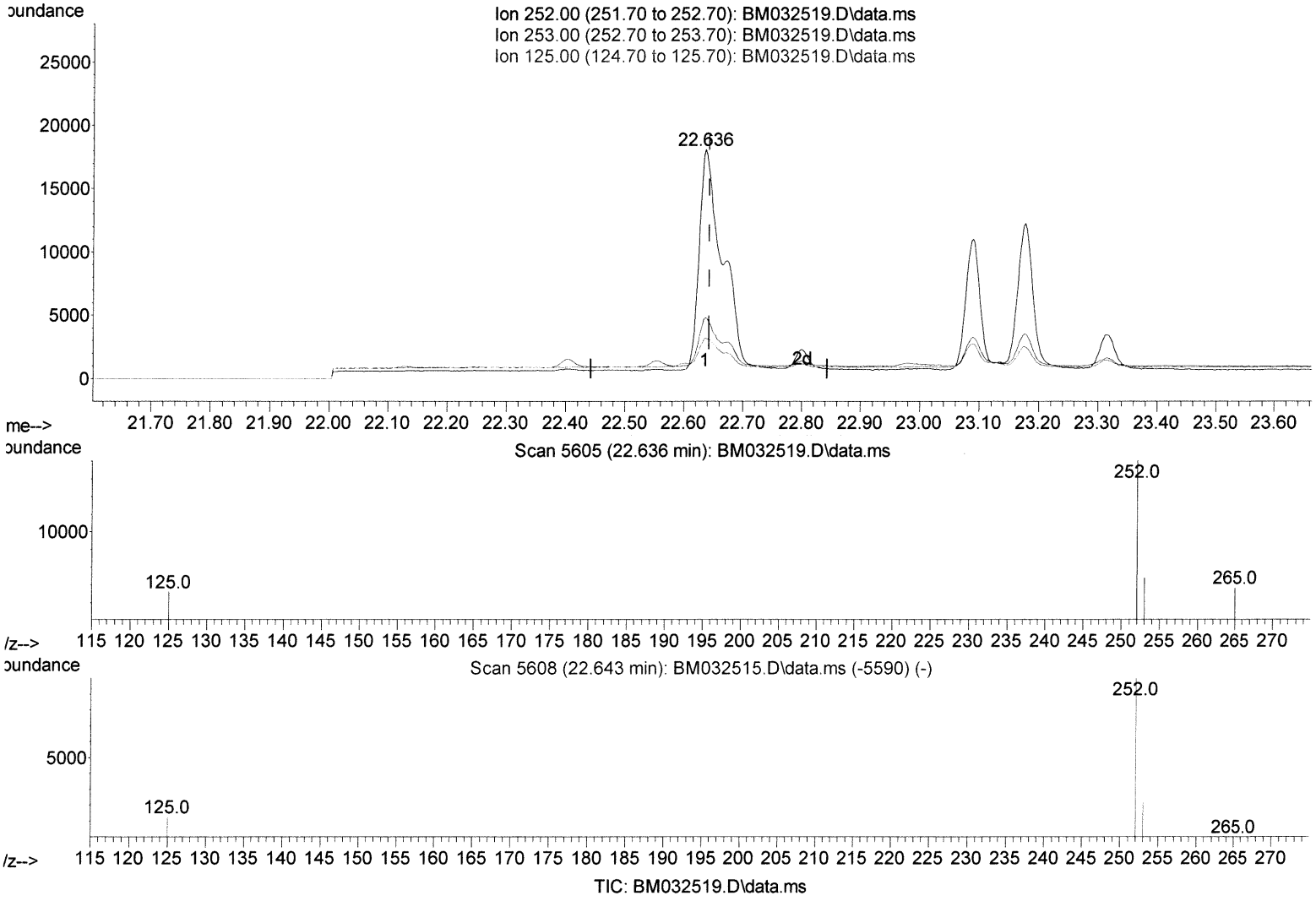
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	26.58
125.00	17.80	17.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032519.D
Acq On : 15 Oct 2021 11:03
Operator : CG/JU
Sample : M4030-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 12:50:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00U7

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:04 PM



(24) Benzo(b)fluoranthene

22.636min (-0.007) 1.14 ng/ul m JCJ 10/19/21

response 36655

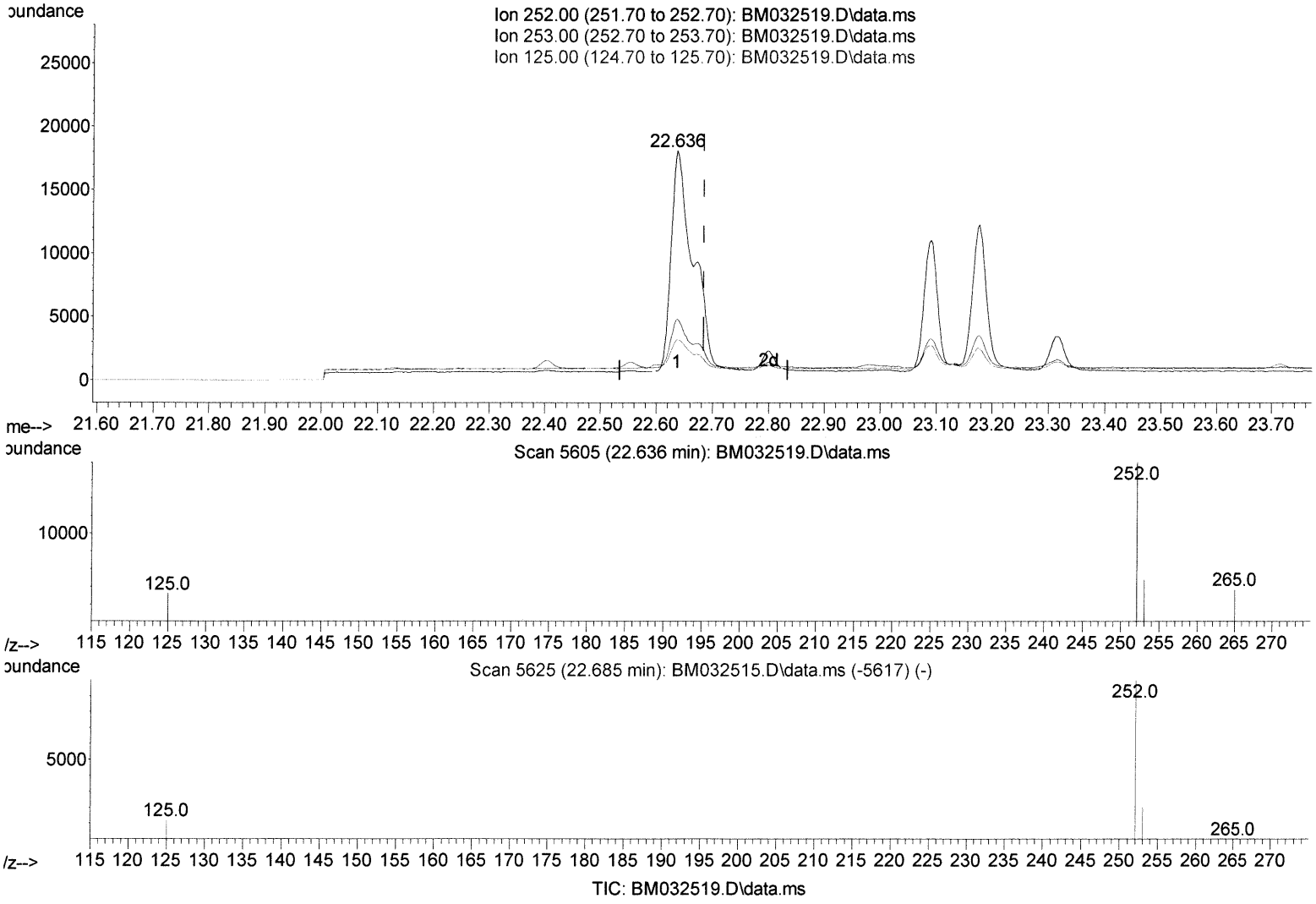
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	26.58
125.00	17.80	17.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032519.D
Acq On : 15 Oct 2021 11:03
Operator : CG/JU
Sample : M4030-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 12:50:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00U7

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:04 PM



(25) Benzo(k)fluoranthene

22.636min (-0.048) 1.50 ng/ul

response 47974

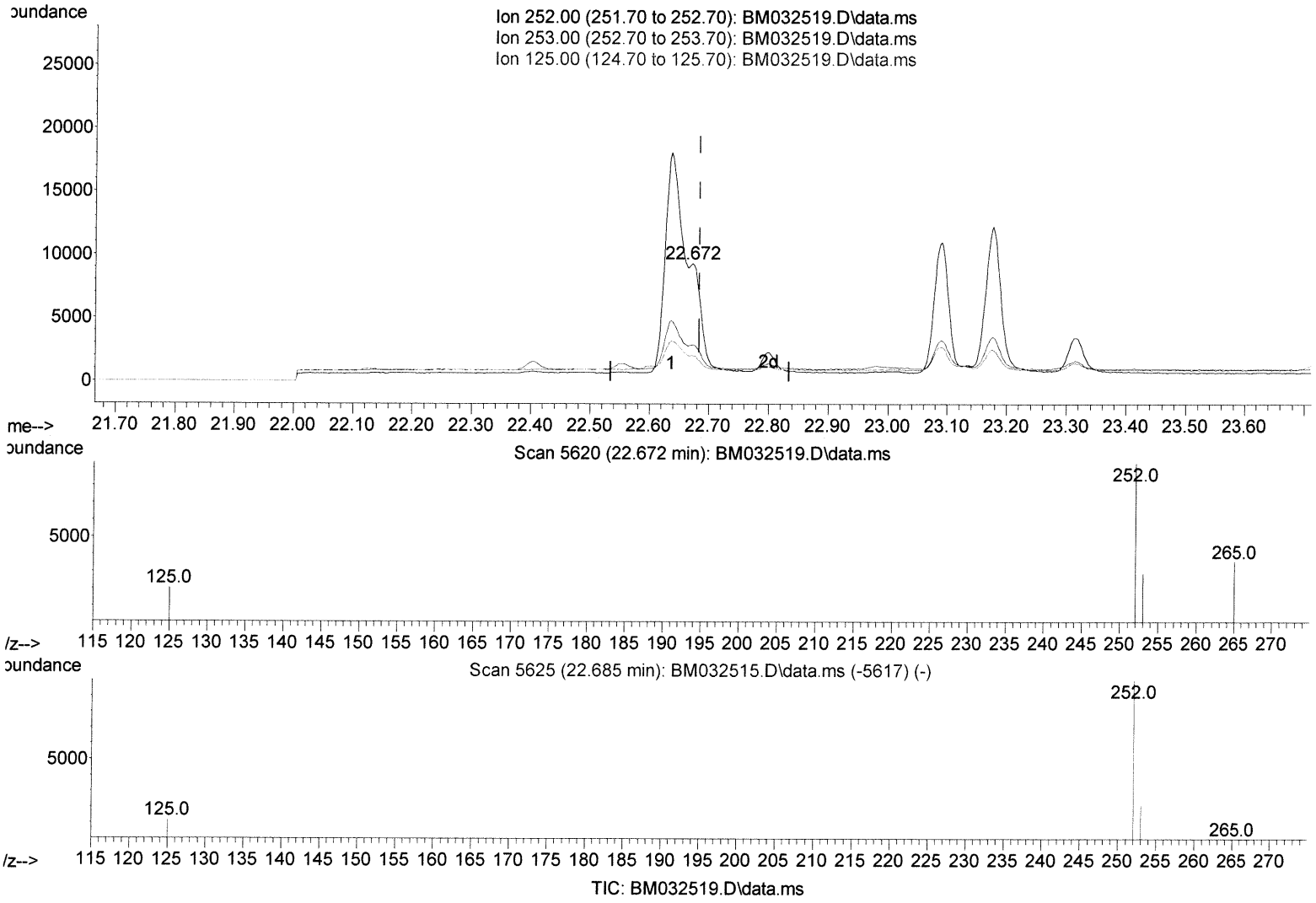
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	26.58
125.00	18.00	17.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032519.D
Acq On : 15 Oct 2021 11:03
Operator : CG/JU
Sample : M4030-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 12:50:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00U7

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:04 PM



(25) Benzo(k)fluoranthene

22.672min (-0.012) 0.38 ng/ul m

JH 10/19/21

response 11993

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	31.06
125.00	18.00	21.79#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032519.D
Acq On : 15 Oct 2021 11:03
Operator : CG/JU
Sample : M4030-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00U7

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:04 PM

Quant Time: Oct 15 12:50:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
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QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	4427	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	13920	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.217	164	7282	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	13936	0.400	ng/ul	0.00
17) Chrysene-d12	21.130	240	8882	0.400	ng/ul	0.00
23) Perylene-d12	23.271	264	6930	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	8117	1.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	1772	0.095	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	3331	0.119	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.393	128	1134	0.027	ng/ul#	81
7) 2-Methylnaphthalene	12.017	142	1103	0.040	ng/ul	98
8) 1-Methylnaphthalene	12.237	142	628	0.023	ng/ul	97
10) Acenaphthylene	13.933	152	887	0.029	ng/ul#	86
12) Fluorene	15.263	166	841	0.026	ng/ul#	92
15) Phenanthrene	16.991	178	26276	0.561	ng/ul	100
16) Anthracene	17.081	178	3226	0.078	ng/ul#	94
19) Fluoranthene	19.008	202	81953	1.865	ng/ul	99
20) Pyrene	19.370	202	69157	1.531	ng/ul	99
21) Benzo(a)anthracene	21.113	228	23293	0.671	ng/ul	99
22) Chrysene	21.167	228	32844	0.860	ng/ul	98
24) Benzo(b)fluoranthene	22.636	252	36655m	1.145	ng/ul	
25) Benzo(k)fluoranthene	22.672	252	11993m	0.376	ng/ul	
26) Benzo(a)pyrene	23.176	252	20511	0.764	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.374	276	14873	0.453	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.374	278	3349	0.129	ng/ul#	72
29) Benzo(g,h,i)perylene	26.018	276	13752	0.481	ng/ul	99

JU 10/19/21

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