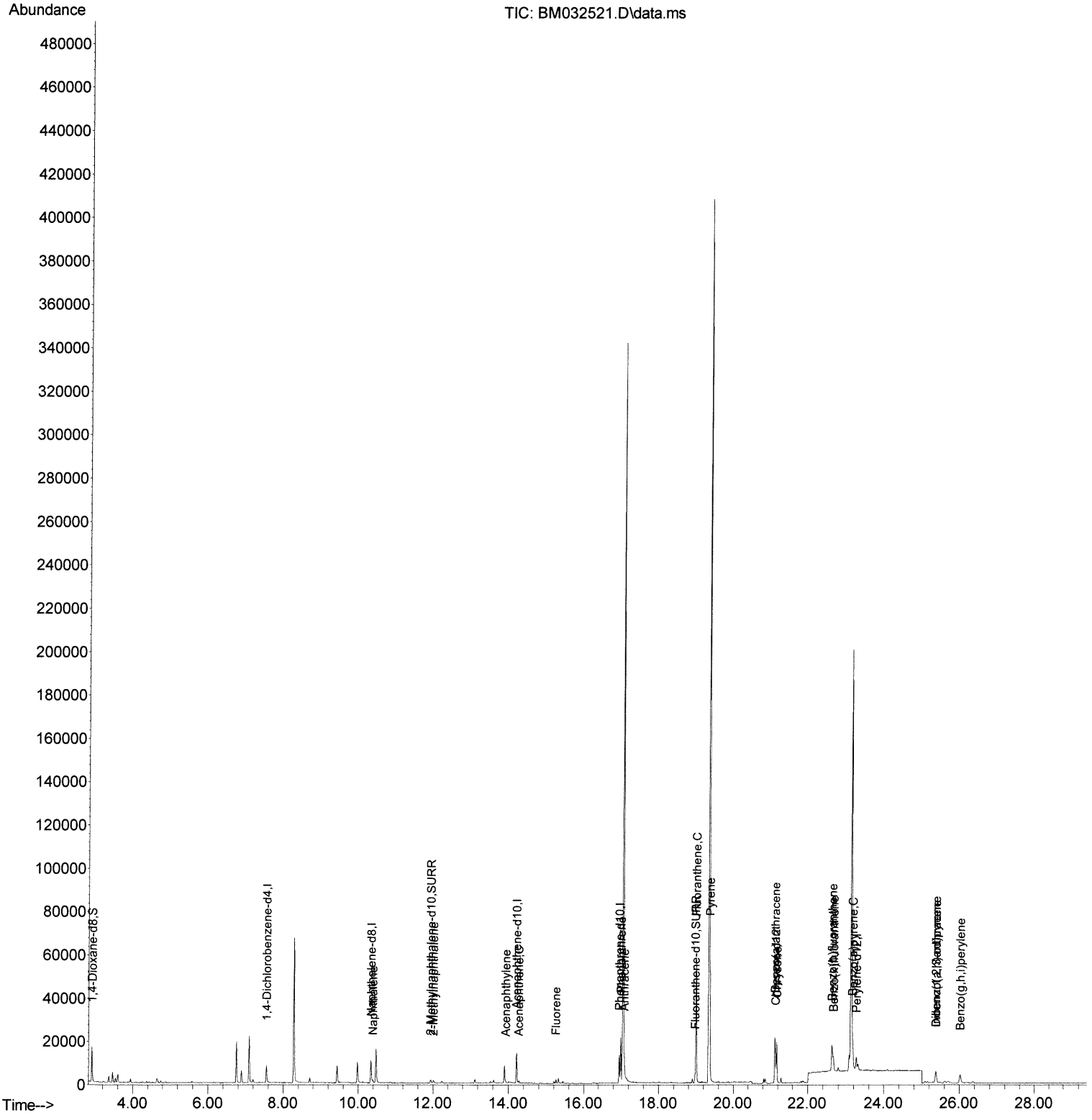
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032521.D
Acq On : 15 Oct 2021 12:16
Operator : CG/JU
Sample : M4030-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 15 12:58:28 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 :
C00U6

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

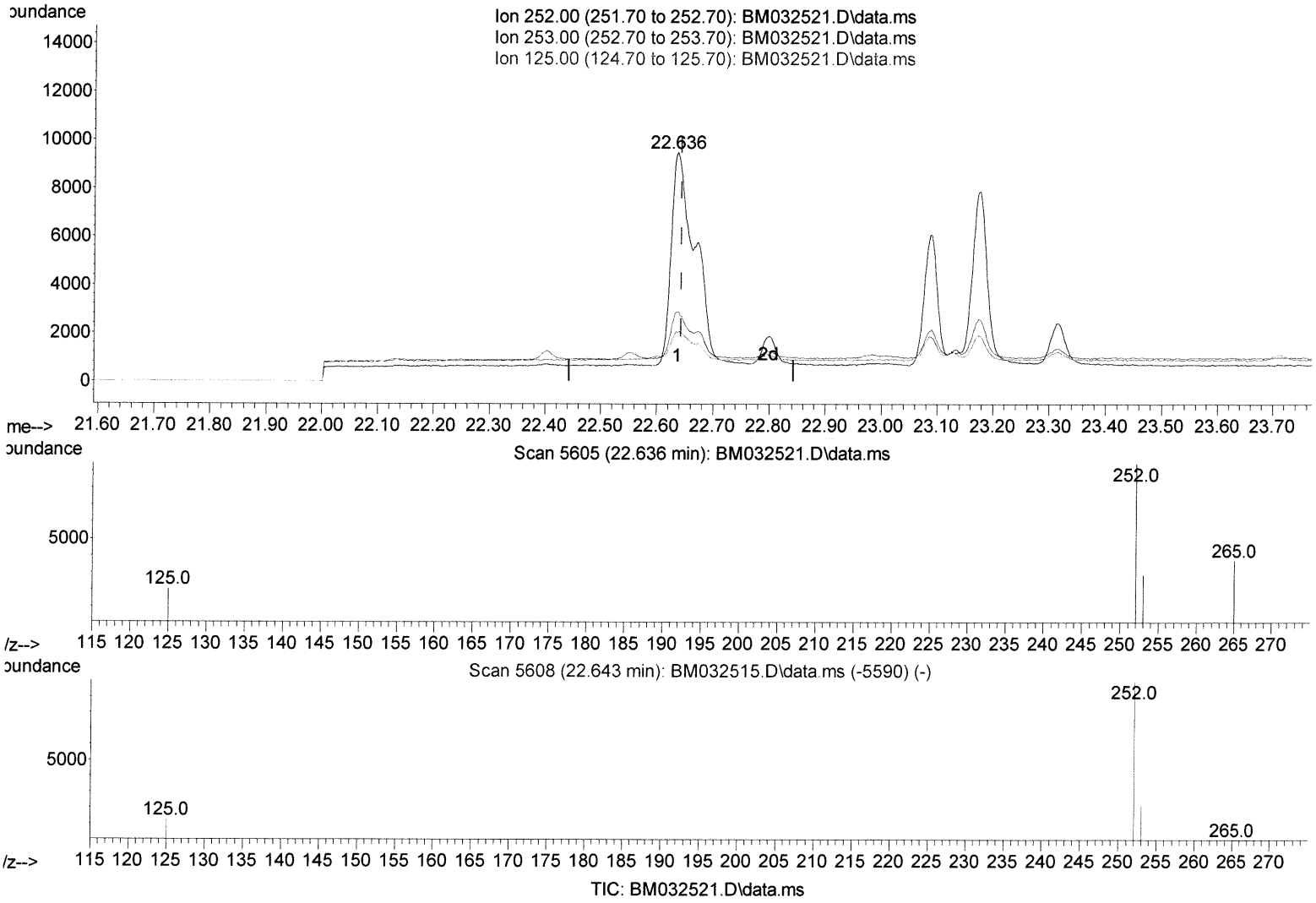


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032521.D
Acq On : 15 Oct 2021 12:16
Operator : CG/JU
Sample : M4030-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 15 12:58:28 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 :
C00U6

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



(24) Benzo(b)fluoranthene

22.636min (-0.007) 0.78 ng/ul

response 26453

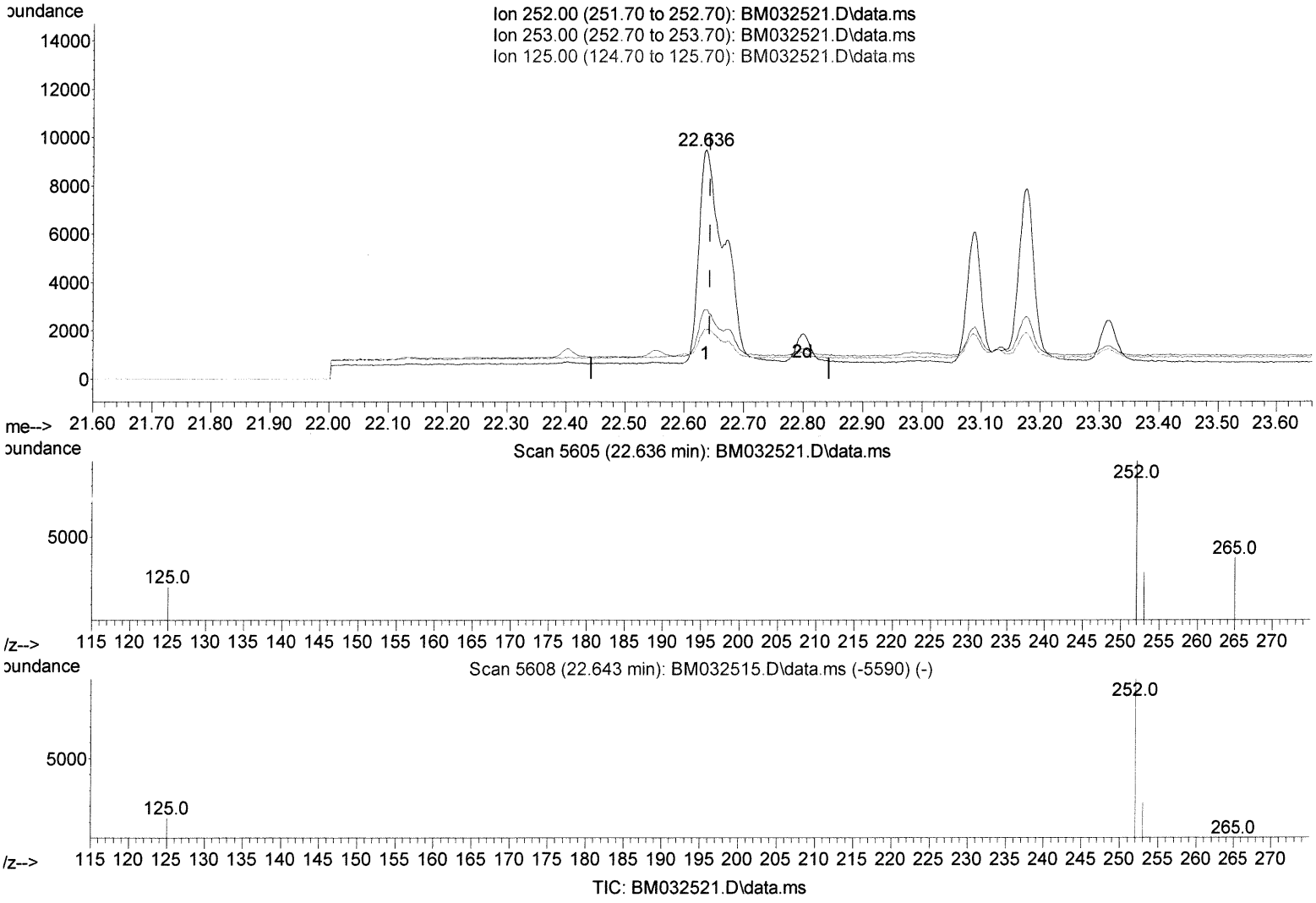
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	30.27
125.00	17.80	21.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032521.D
Acq On : 15 Oct 2021 12:16
Operator : CG/JU
Sample : M4030-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 15 12:58:28 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 :
C00U6

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



(24) Benzo(b)fluoranthene

22.636min (-0.007) 0.54 ng/ul m

response 18378

JY 10/19/21

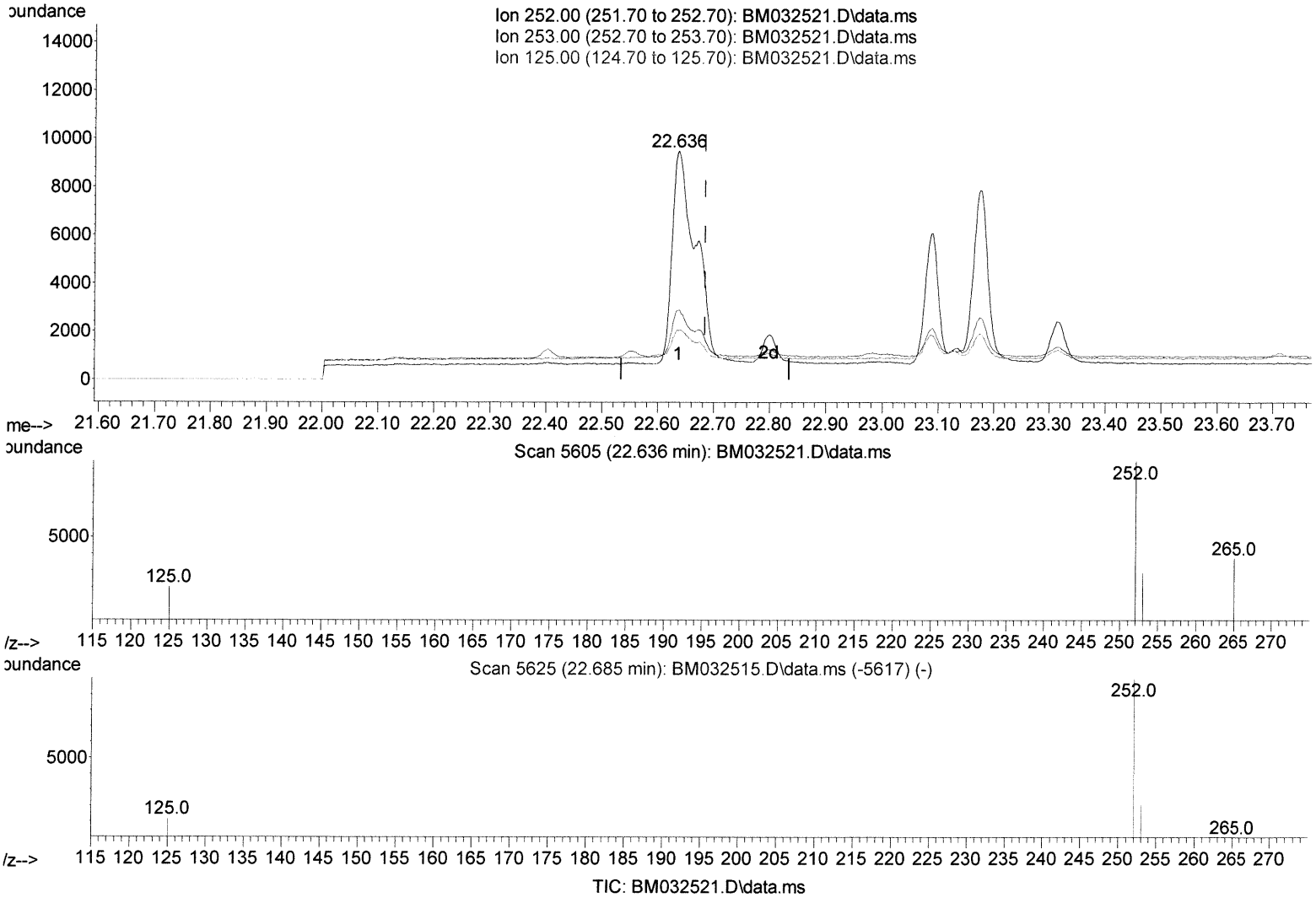
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	30.27
125.00	17.80	21.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032521.D
Acq On : 15 Oct 2021 12:16
Operator : CG/JU
Sample : M4030-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 15 12:58:28 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 :
C00U6

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



(25) Benzo(k)fluoranthene

22.636min (-0.048) 0.78 ng/ul

response 26453

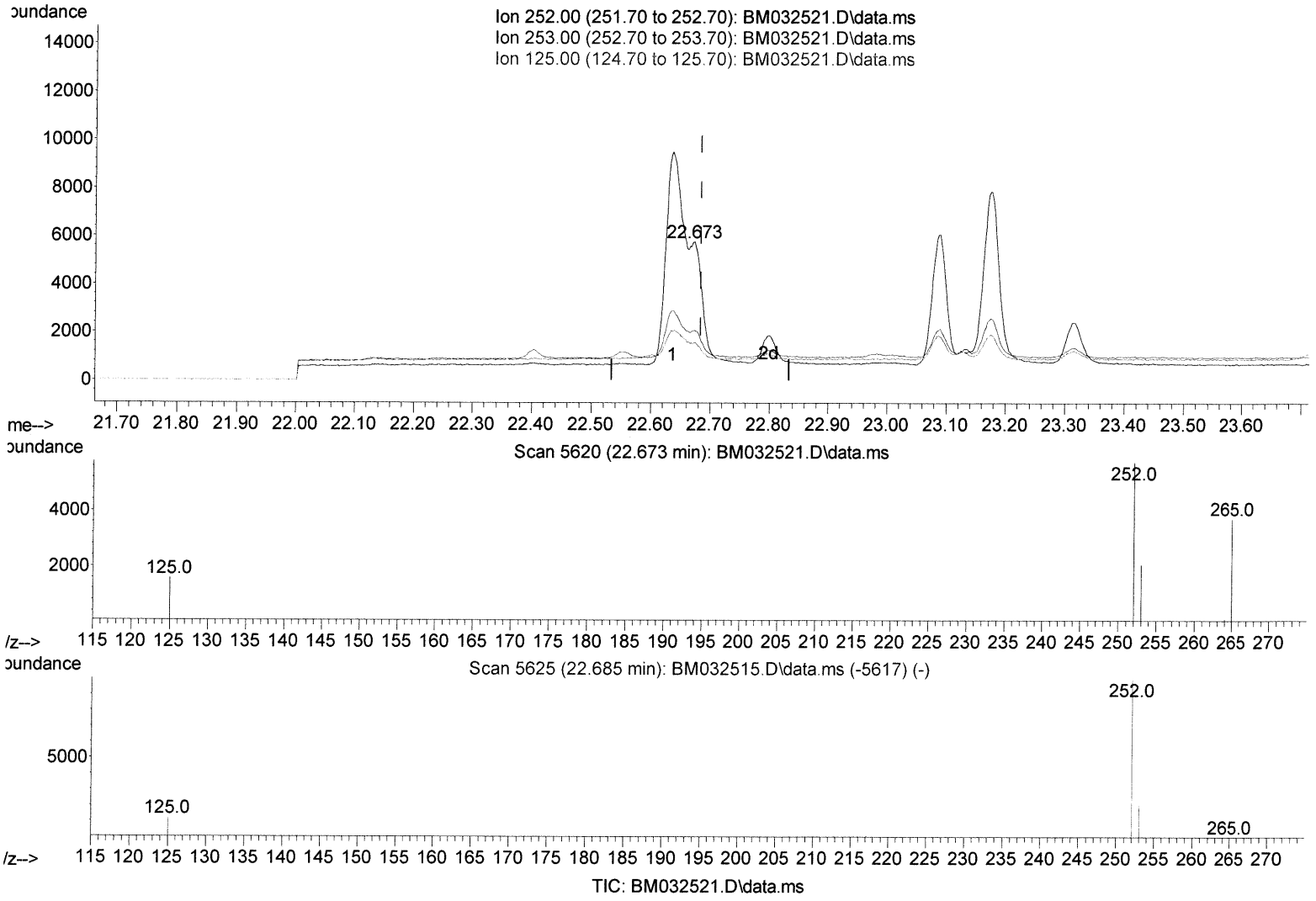
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	30.27
125.00	18.00	21.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032521.D
Acq On : 15 Oct 2021 12:16
Operator : CG/JU
Sample : M4030-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 15 12:58:28 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 :
C00U6

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



(25) Benzo(k)fluoranthene

22.673min (-0.012) 0.22 ng/ul m

response 7547

JU 10/19/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	36.18#
125.00	18.00	27.26#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032521.D
Acq On : 15 Oct 2021 12:16
Operator : CG/JU
Sample : M4030-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 15 12:58:28 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 : C00U6

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	4580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.344	136	14433	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	7543	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	14384	0.400	ng/ul	0.00
17) Chrysene-d12	21.130	240	9170	0.400	ng/ul	0.00
23) Perylene-d12	23.271	264	7328	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	9574	1.865	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	2248	0.117	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	4233	0.147	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.393	128	1661	0.038	ng/ul#	85
7) 2-Methylnaphthalene	12.017	142	984	0.034	ng/ul	100
10) Acenaphthylene	13.933	152	934	0.029	ng/ul#	86
11) Acenaphthene	14.278	153	637	0.022	ng/ul	96
12) Fluorene	15.263	166	1158	0.035	ng/ul#	97
15) Phenanthrene	16.991	178	21133	0.437	ng/ul	100
16) Anthracene	17.081	178	5414	0.127	ng/ul	96
19) Fluoranthene	19.008	202	47549	1.048	ng/ul	99
20) Pyrene	19.370	202	42524	0.912	ng/ul	99
21) Benzo(a)anthracene	21.116	228	16514	0.461	ng/ul	99
22) Chrysene	21.167	228	18215	0.462	ng/ul	98
24) Benzo(b)fluoranthene	22.636	252	18378m	0.543	ng/ul	
25) Benzo(k)fluoranthene	22.673	252	7547m	0.224	ng/ul	
26) Benzo(a)pyrene	23.174	252	13151	0.463	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.376	276	7987	0.230	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.374	278	1757	0.064	ng/ul#	50
29) Benzo(g,h,i)perylene	26.021	276	7323	0.242	ng/ul	95

JU 10/19/21

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