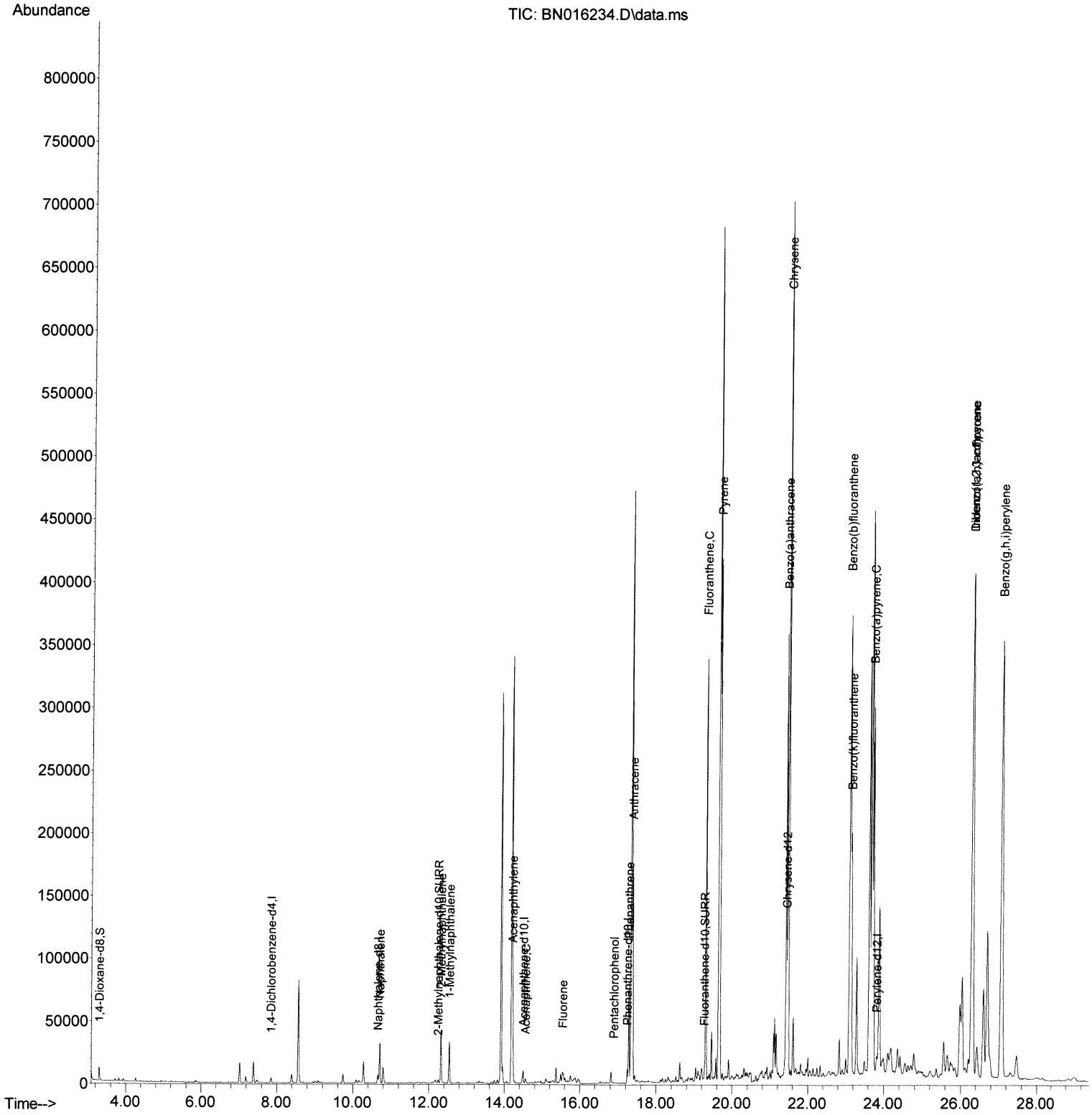
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016234.D
Acq On : 07 Sep 2021 13:15
Operator : CG/JU
Sample : M3486-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 13:44:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual Integrations APPROVED
mohammad
9/8/2021 7:00:16 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016234.D
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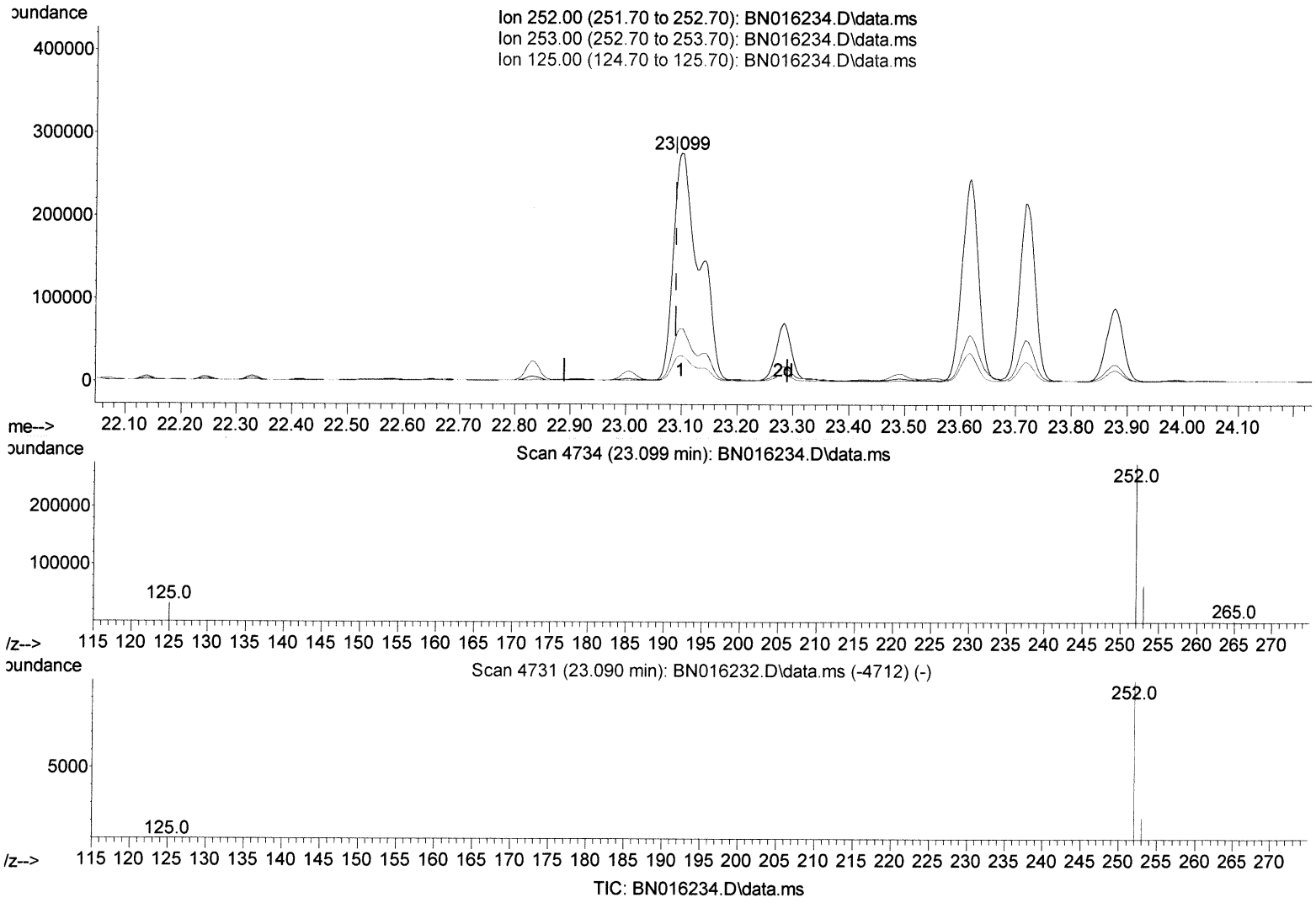
9/8/2021 7:00:16 AM



(24) Benzo(b)fluoranthene

23.099min (+ 0.009) 14.46 ng/ul

response 882067

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	23.26
125.00	13.50	11.40
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
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BNA_N
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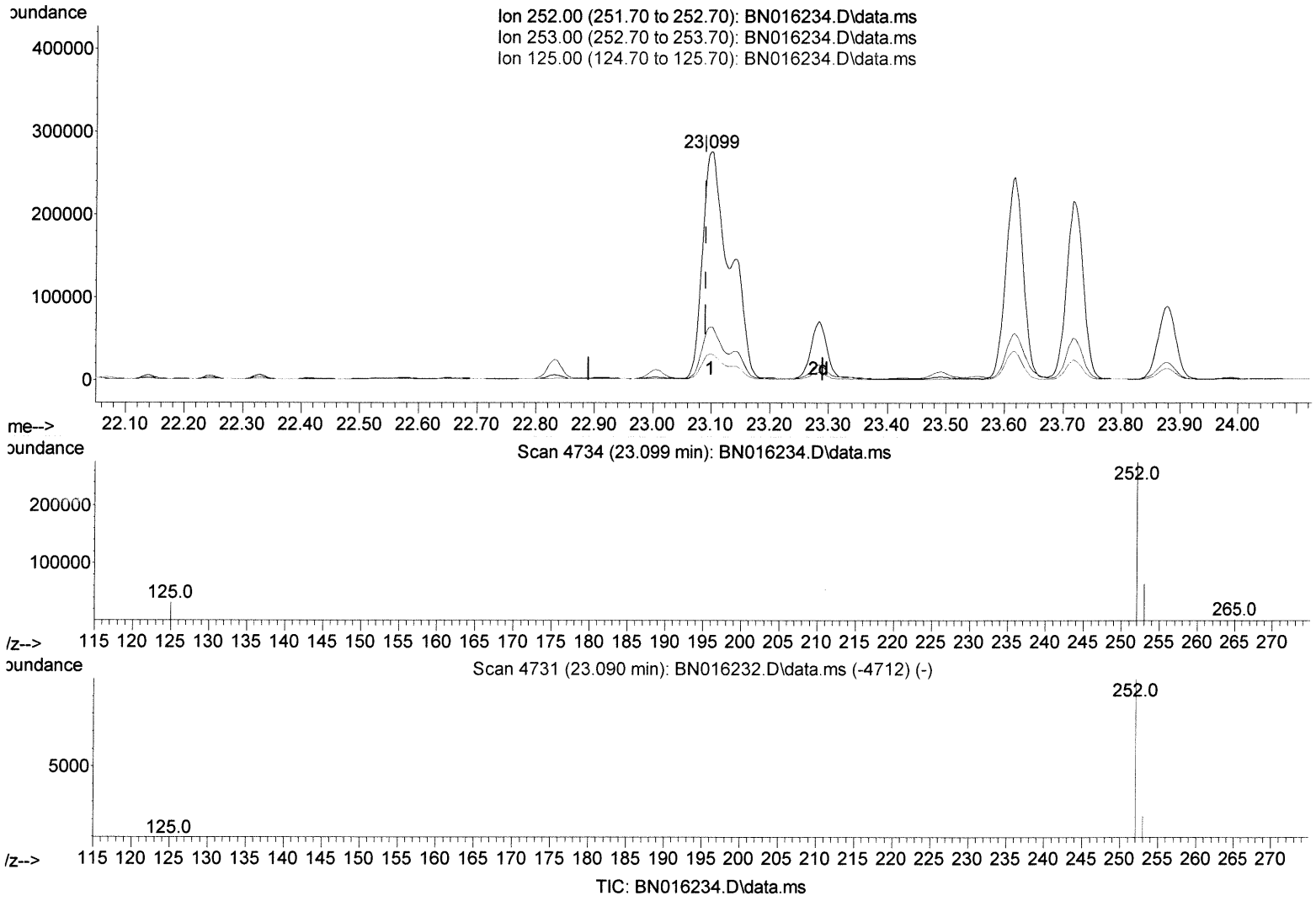
C0AZ4

Manual Integrations APPROVED
mohammad
9/8/2021 7:00:16 AM



(24) Benzo(b)fluoranthene

23.099min (+ 0.009) 10.68 ng/ul m

response 651559

JH 9/8/21

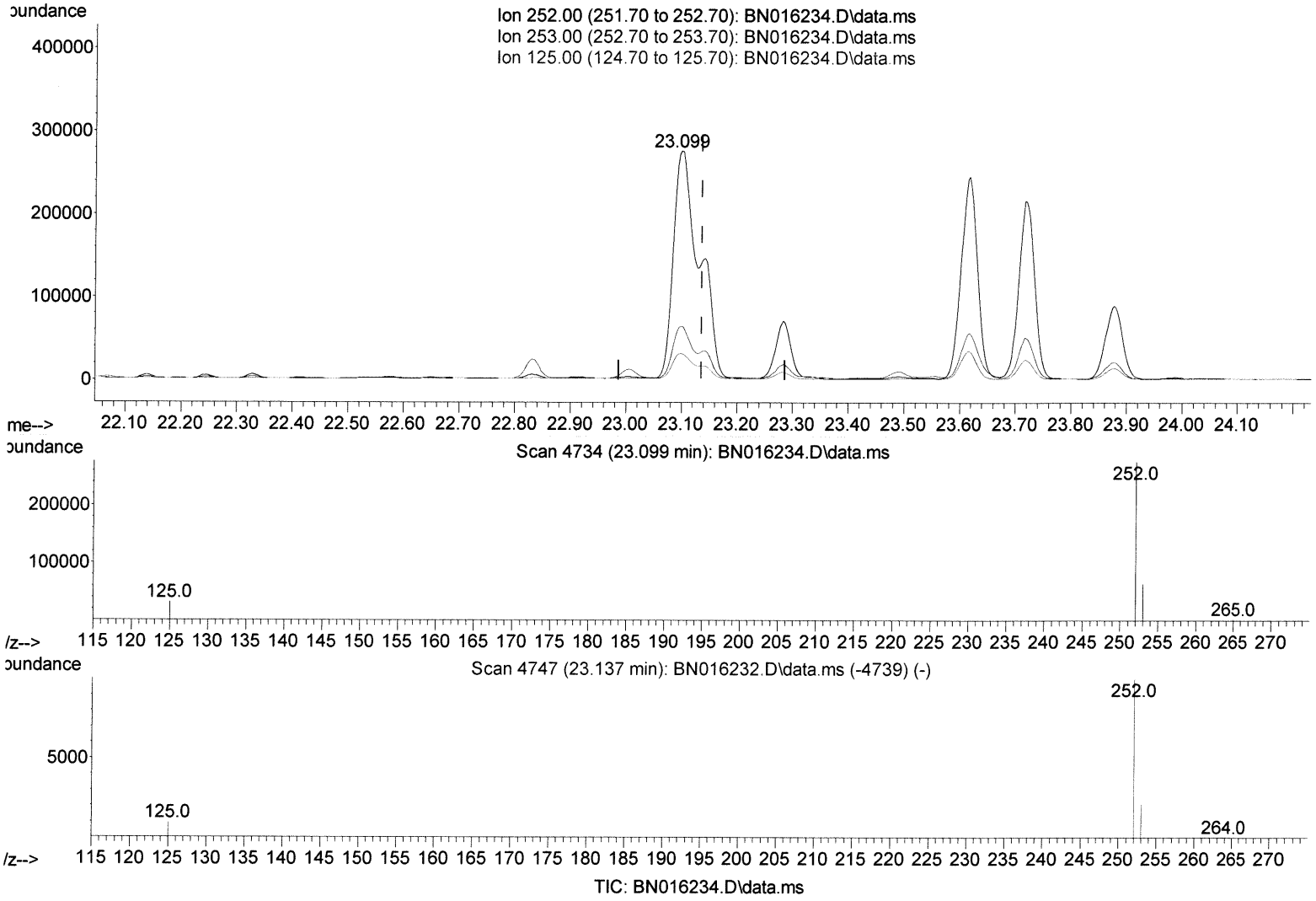
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	23.26
125.00	13.50	11.40
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016234.D
Acq On : 07 Sep 2021 13:15
Operator : CG/JU
Sample : M3486-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 13:44:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual Integrations APPROVED
mohammad
9/8/2021 7:00:16 AM



(25) Benzo(k)fluoranthene

23.099min (-0.038) 14.37 ng/ul

response 882067

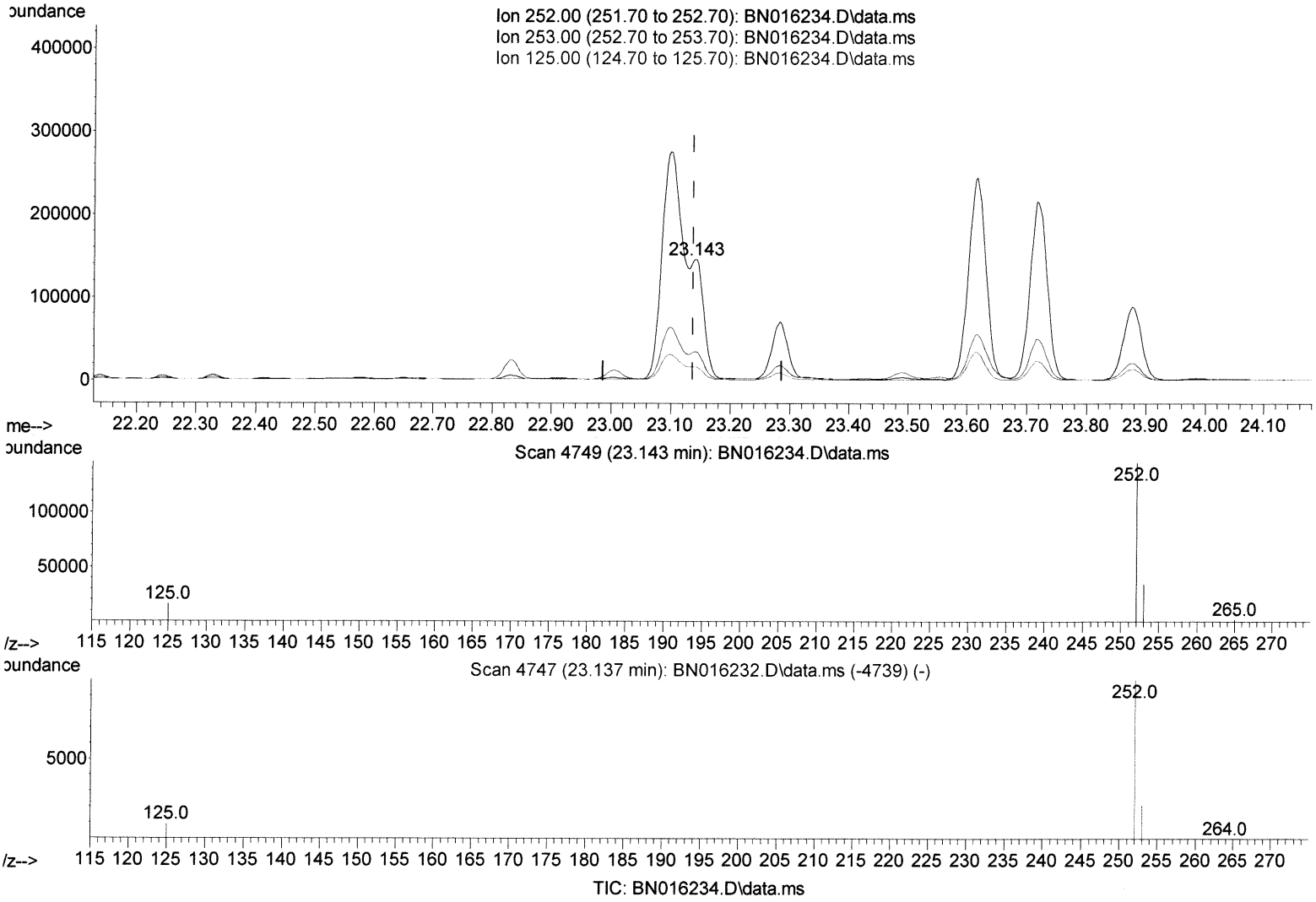
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	23.26
125.00	13.60	11.40
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016234.D
Acq On : 07 Sep 2021 13:15
Operator : CG/JU
Sample : M3486-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 13:44:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual Integrations APPROVED
mohammad
9/8/2021 7:00:16 AM



(25) Benzo(k)fluoranthene

23.143min (+ 0.006) 3.89 ng/ul m JG 9/8/21

response 238509

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	23.66
125.00	13.60	11.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016234.D
Acq On : 07 Sep 2021 13:15
Operator : CG/JU
Sample : M3486-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual Integrations APPROVED
mohammad
9/8/2021 7:00:16 AM

Quant Time: Sep 07 13:44:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	2224	0.400	ng/ul	0.00
4) Naphthalene-d8	10.656	136	9405	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	6053	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	13008	0.400	ng/ul	0.00
17) Chrysene-d12	21.436	240	13197	0.400	ng/ul	# 0.00
23) Perylene-d12	23.824	264	16216	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.298	96	7498	2.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	3505	0.265	ng/ul	0.00
18) Fluoranthene-d10	19.271	212	9985	0.282	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.705	128	45345	1.811	ng/ul	99
7) 2-Methylnaphthalene	12.322	142	32340	1.979	ng/ul	100
8) 1-Methylnaphthalene	12.542	142	24944	1.530	ng/ul	100
10) Acenaphthylene	14.215	152	82819	3.617	ng/ul	99
11) Acenaphthene	14.557	153	2608	0.136	ng/ul	97
12) Fluorene	15.547	166	8036	0.366	ng/ul#	95
14) Pentachlorophenol	16.896	266	75	0.036	ng/ul	90
15) Phenanthrene	17.284	178	90188	2.406	ng/ul	98
16) Anthracene	17.373	178	190802	5.892	ng/ul	98
19) Fluoranthene	19.303	202	286400	6.516	ng/ul	98
20) Pyrene	19.666	202	356367	8.004	ng/ul	95
21) Benzo(a)anthracene	21.418	228	319562	7.918	ng/ul	96
22) Chrysene	21.471	228	682616	14.971	ng/ul	99
24) Benzo(b)fluoranthene	23.099	252	651559m	10.679	ng/ul	98
25) Benzo(k)fluoranthene	23.143	252	238509m	3.886	ng/ul	
26) Benzo(a)pyrene	23.716	252	429975	8.308	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.300	276	734123	10.977	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.303	278	181438	3.292	ng/ul	98
29) Benzo(g,h,i)perylene	27.068	276	815603	14.049	ng/ul	97

JU 9/8/21

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