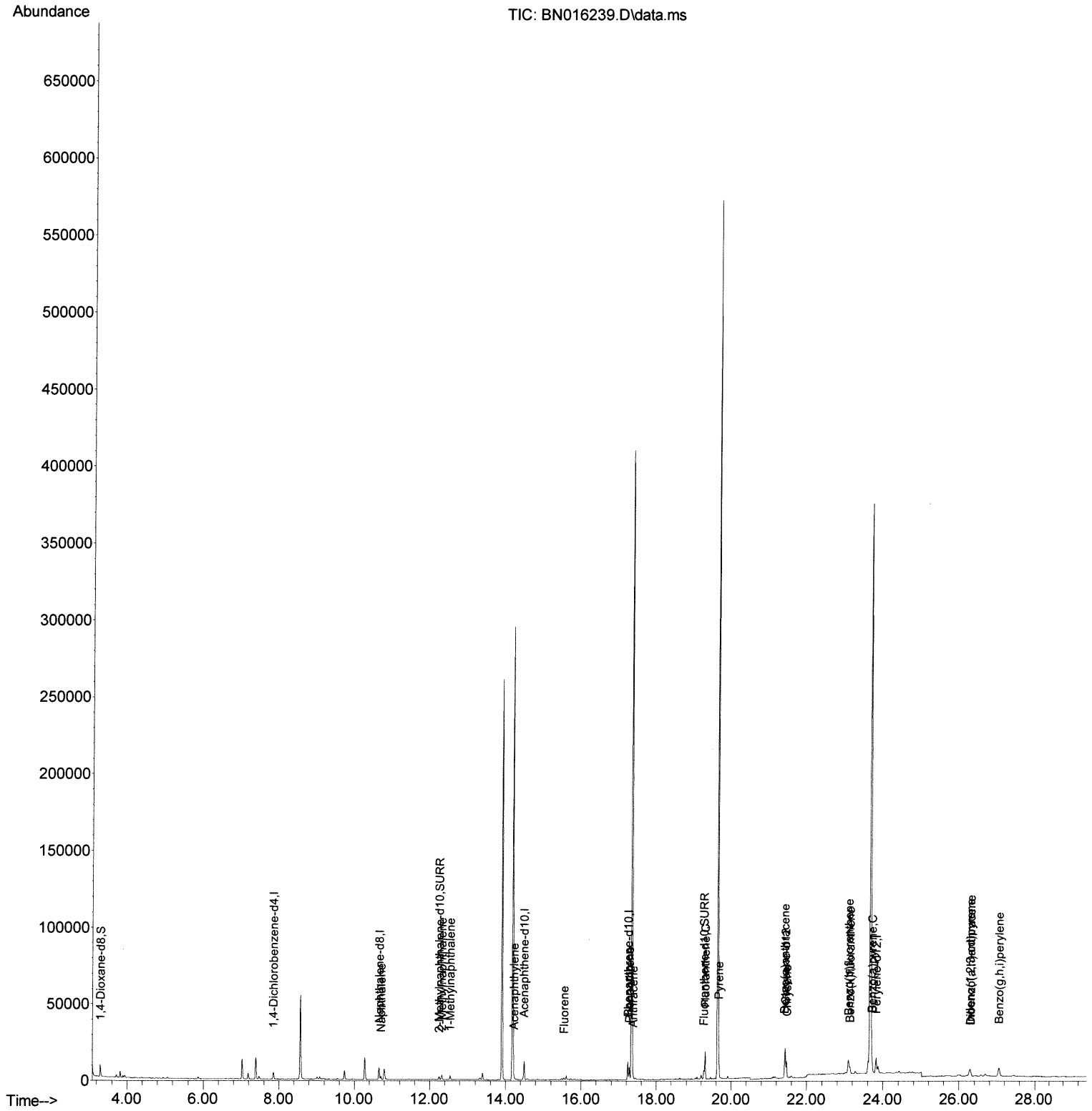
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016239.D
Acq On : 07 Sep 2021 17:02
Operator : CG/JU
Sample : M3486-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 07 17:30:41 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 :
C0AW2

Manual Integrations APPROVED

mohammad
9/8/2021 7:00:56 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016239.D
Acq On : 07 Sep 2021 17:02
Operator : CG/JU
Sample : M3486-02
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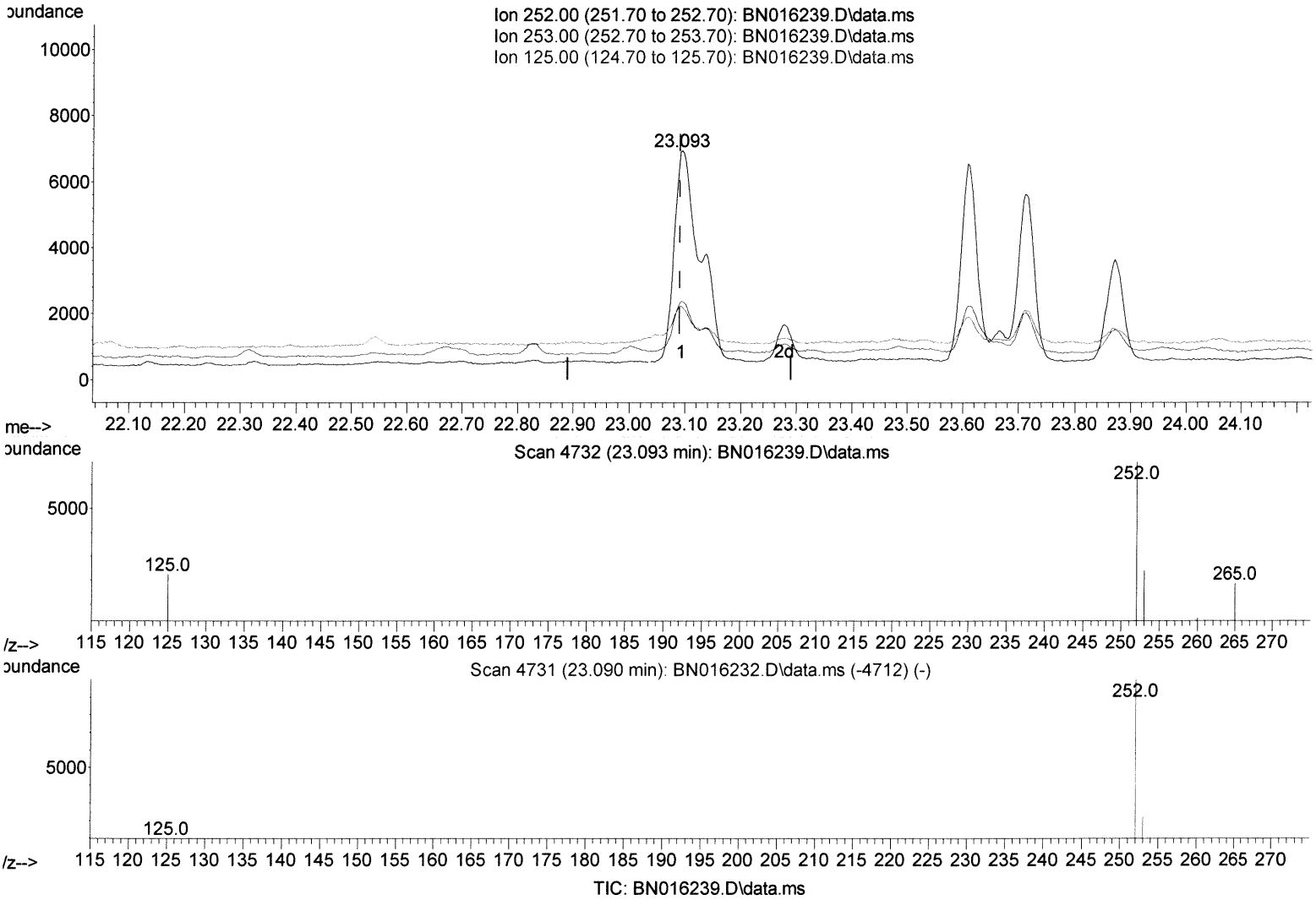
Manual Integrations APPROVED

mohammad
9/8/2021 7:00:56 AM



(24) Benzo(b)fluoranthene

23.093min (+ 0.003) 0.39 ng/ul

response 20797

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	34.37
125.00	13.50	32.08#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
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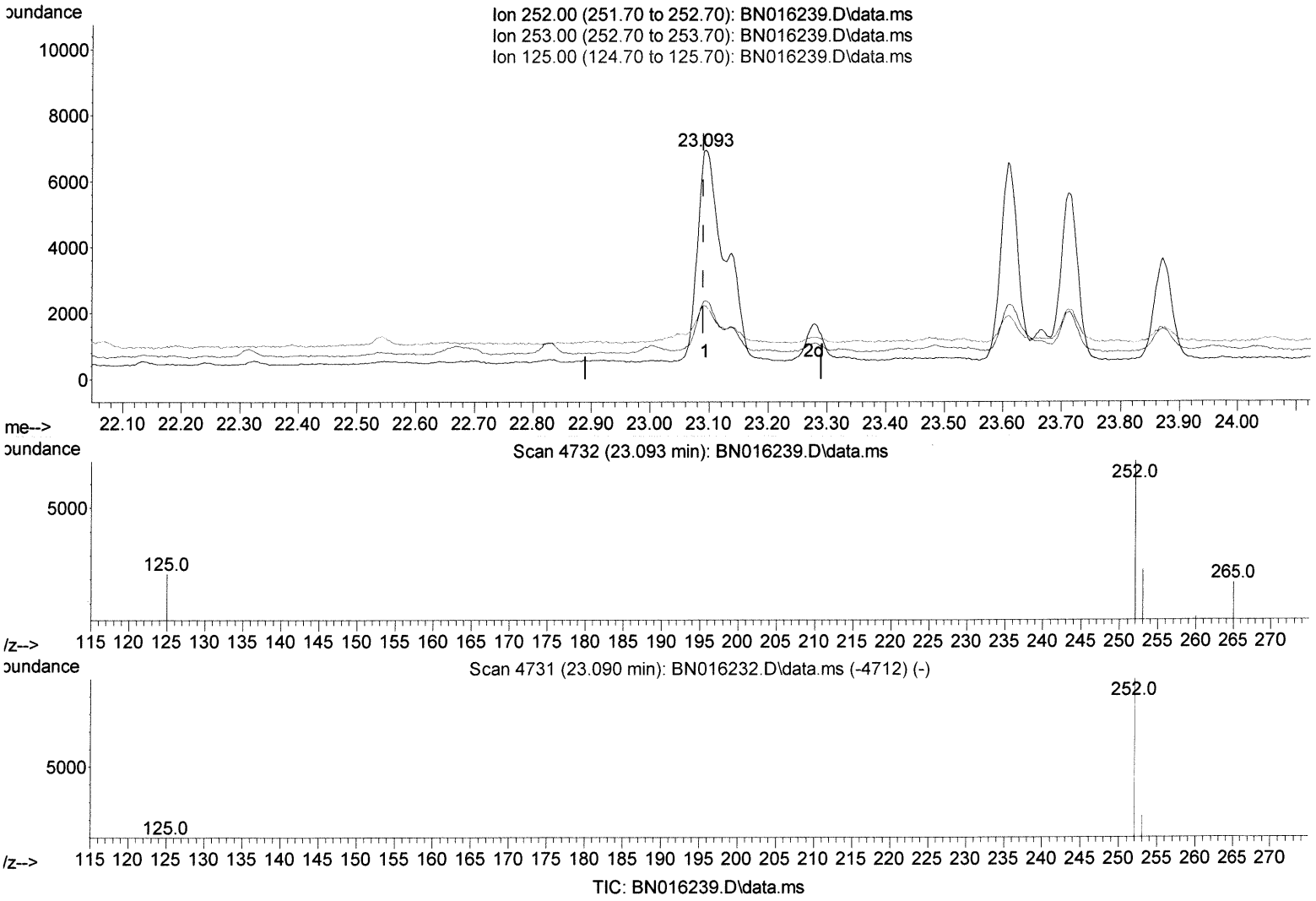
BNA_N
ClientSampleId :
C0AW2

Manual Integrations APPROVED

mohammad
9/8/2021 7:00:56 AM



(24) Benzo(b)fluoranthene

23.093min (+ 0.003) 0.30 ng/ul m JG 9/8/21

response 16289

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	34.37
125.00	13.50	32.08#
0.00	0.00	0.00

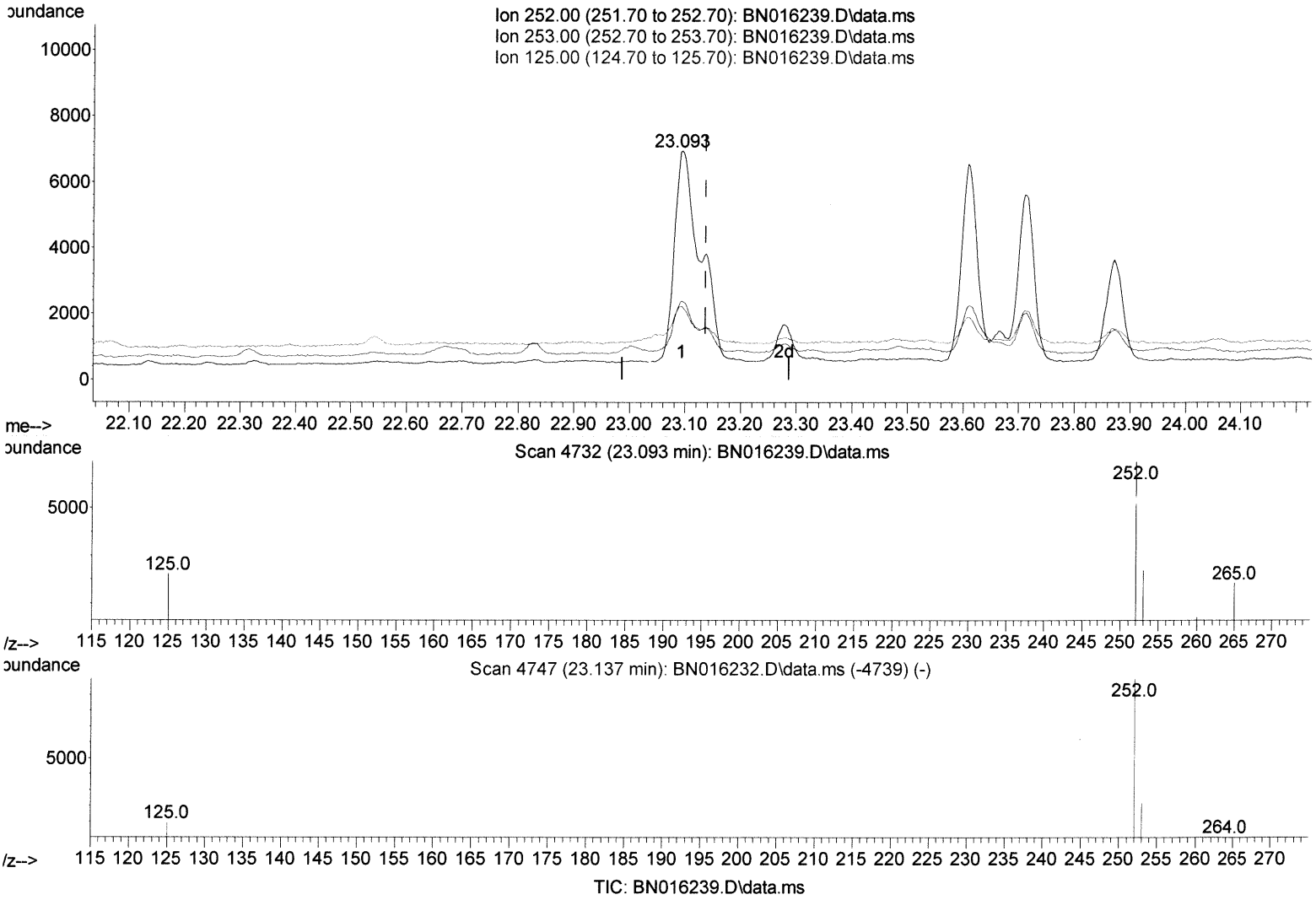
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016239.D
Acq On : 07 Sep 2021 17:02
Operator : CG/JU
Sample : M3486-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 07 17:30:41 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 :
C0AW2

Manual Integrations APPROVED

mohammad
9/8/2021 7:00:56 AM



(25) Benzo(k)fluoranthene

23.093min (-0.043) 0.39 ng/ul

response 20797

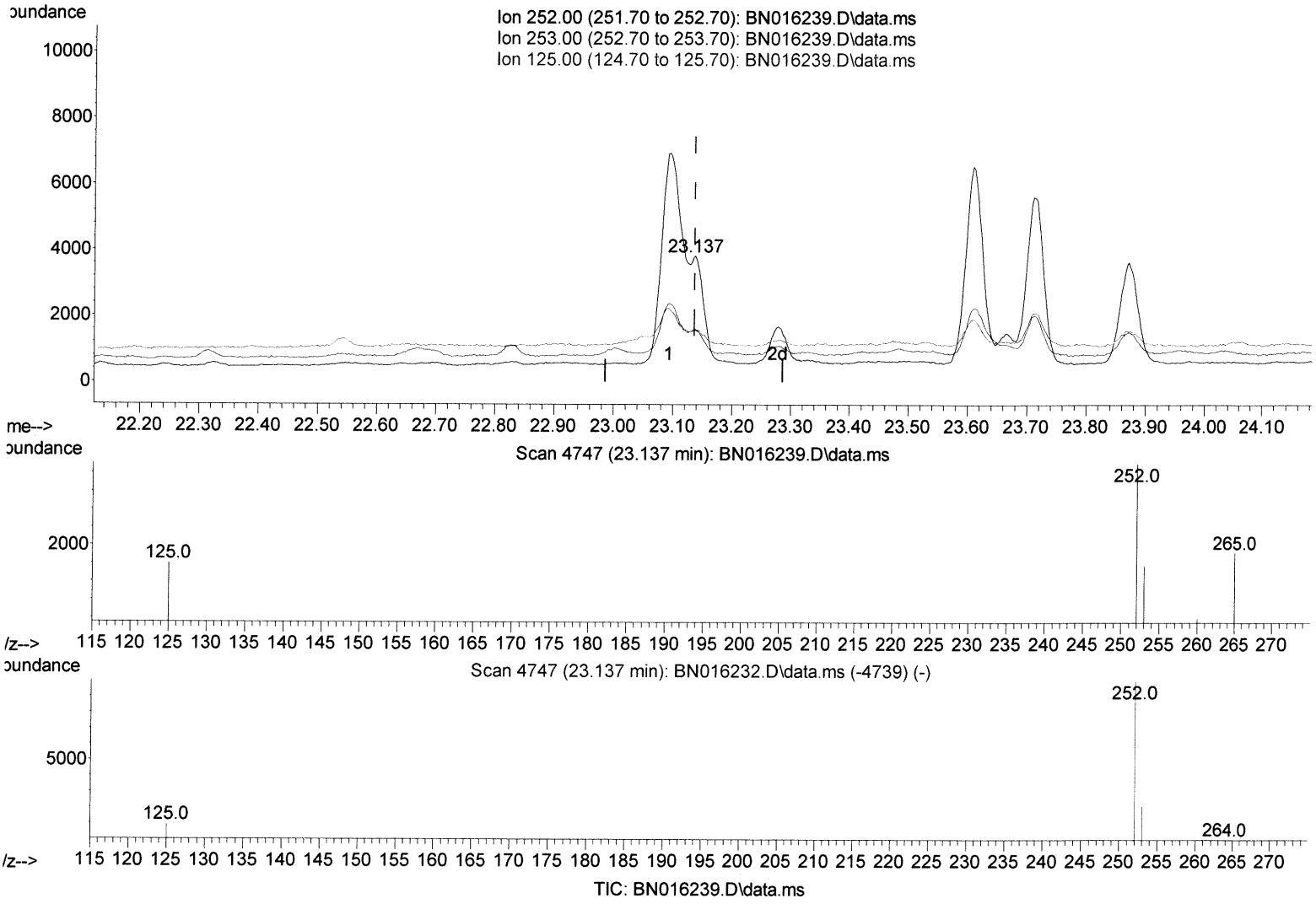
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	34.37#
125.00	13.60	32.08#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016239.D
Acq On : 07 Sep 2021 17:02
Operator : CG/JU
Sample : M3486-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 07 17:30:41 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 :
C0AW2

Manual Integrations APPROVED
mohammad
9/8/2021 7:00:56 AM



(25) Benzo(k)fluoranthene

23.137min (+ 0.000) 0.11 ng/ul m JG 9/8/21

response 5945

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	40.97#
125.00	13.60	42.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016239.D
Acq On : 07 Sep 2021 17:02
Operator : CG/JU
Sample : M3486-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual Integrations APPROVED
mohammad
9/8/2021 7:00:56 AM

Quant Time: Sep 07 17:30:41 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	2516	0.400	ng/ul	0.00
4) Naphthalene-d8	10.656	136	10856	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.492	164	6842	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	14519	0.400	ng/ul	0.00
17) Chrysene-d12	21.433	240	14578	0.400	ng/ul	0.00
23) Perylene-d12	23.821	264	14263	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.298	96	5500	1.878	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	2460	0.161	ng/ul	0.00
18) Fluoranthene-d10	19.271	212	6878	0.176	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.705	128	2511	0.087	ng/ul#	92
7) 2-Methylnaphthalene	12.322	142	2370	0.126	ng/ul	99
8) 1-Methylnaphthalene	12.536	142	1999	0.106	ng/ul	98
10) Acenaphthylene	14.219	152	2088	0.081	ng/ul#	82
12) Fluorene	15.543	166	871	0.035	ng/ul#	89
15) Phenanthrene	17.284	178	9342	0.223	ng/ul	99
16) Anthracene	17.373	178	1522	0.042	ng/ul#	83
19) Fluoranthene	19.304	202	15695	0.323	ng/ul	99
20) Pyrene	19.666	202	16386	0.333	ng/ul	96
21) Benzo(a)anthracene	21.416	228	10258	0.230	ng/ul#	86
22) Chrysene	21.468	228	13071	0.260	ng/ul#	91
24) Benzo(b)fluoranthene	23.093	252	16289m	0.304	ng/ul	
25) Benzo(k)fluoranthene	23.137	252	5945m	0.110	ng/ul	
26) Benzo(a)pyrene	23.710	252	10263	0.225	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.290	276	8058	0.137	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.297	278	2795	0.058	ng/ul#	2
29) Benzo(g,h,i)perylene	27.048	276	12797	0.251	ng/ul#	86

JG JG 9/8/21

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