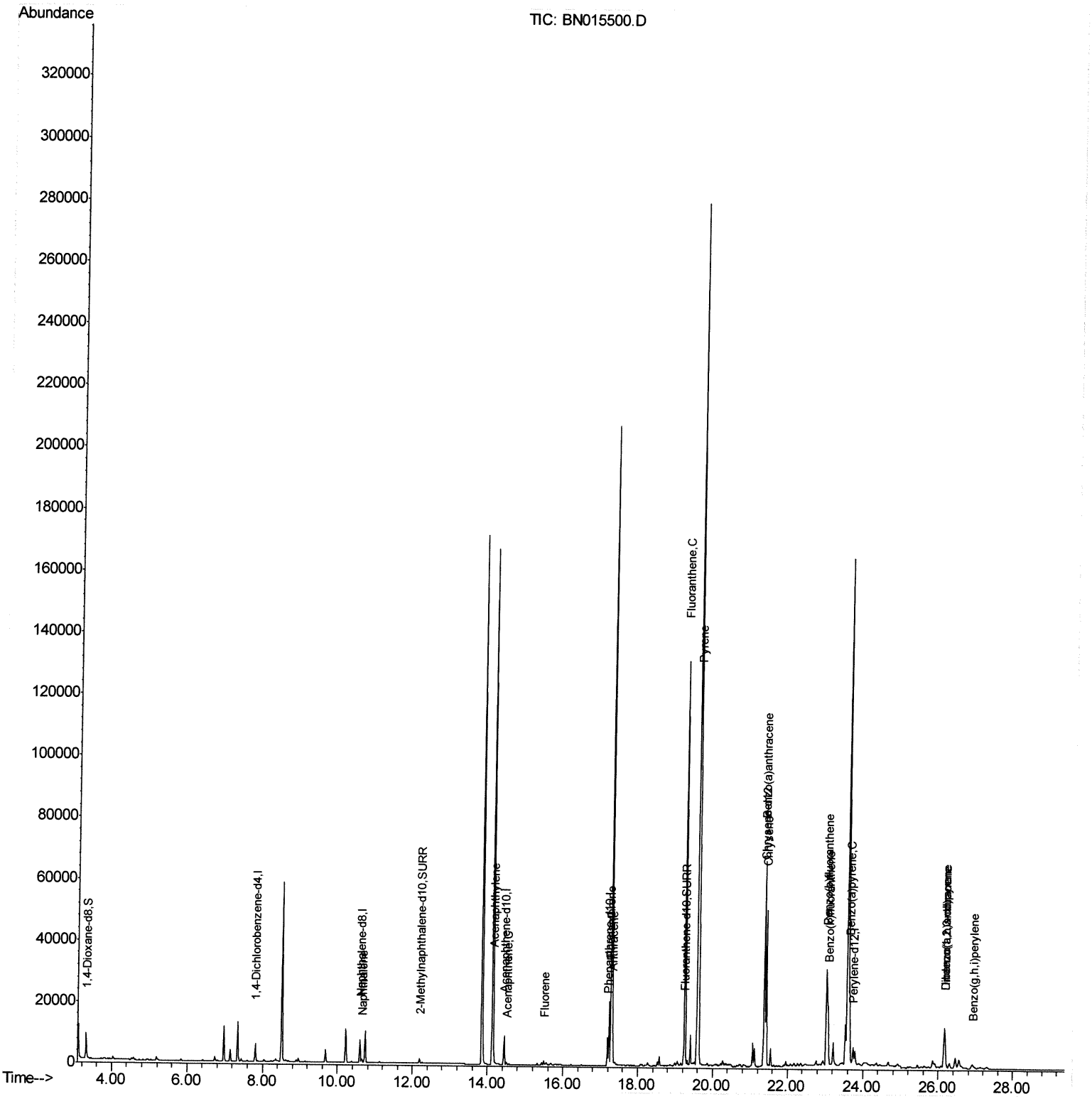
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015500.D
Acq On : 12 Jul 2021 21:23
Operator : CG/JU
Sample : M2808-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 13 05:13:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX9

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:16 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015500.D
Acq On : 12 Jul 2021 21:23
Operator : CG/JU
Sample : M2808-22
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Quant Time: Jul 13 04:57:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
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Instrument :
BNA_N
ClientSampleId :
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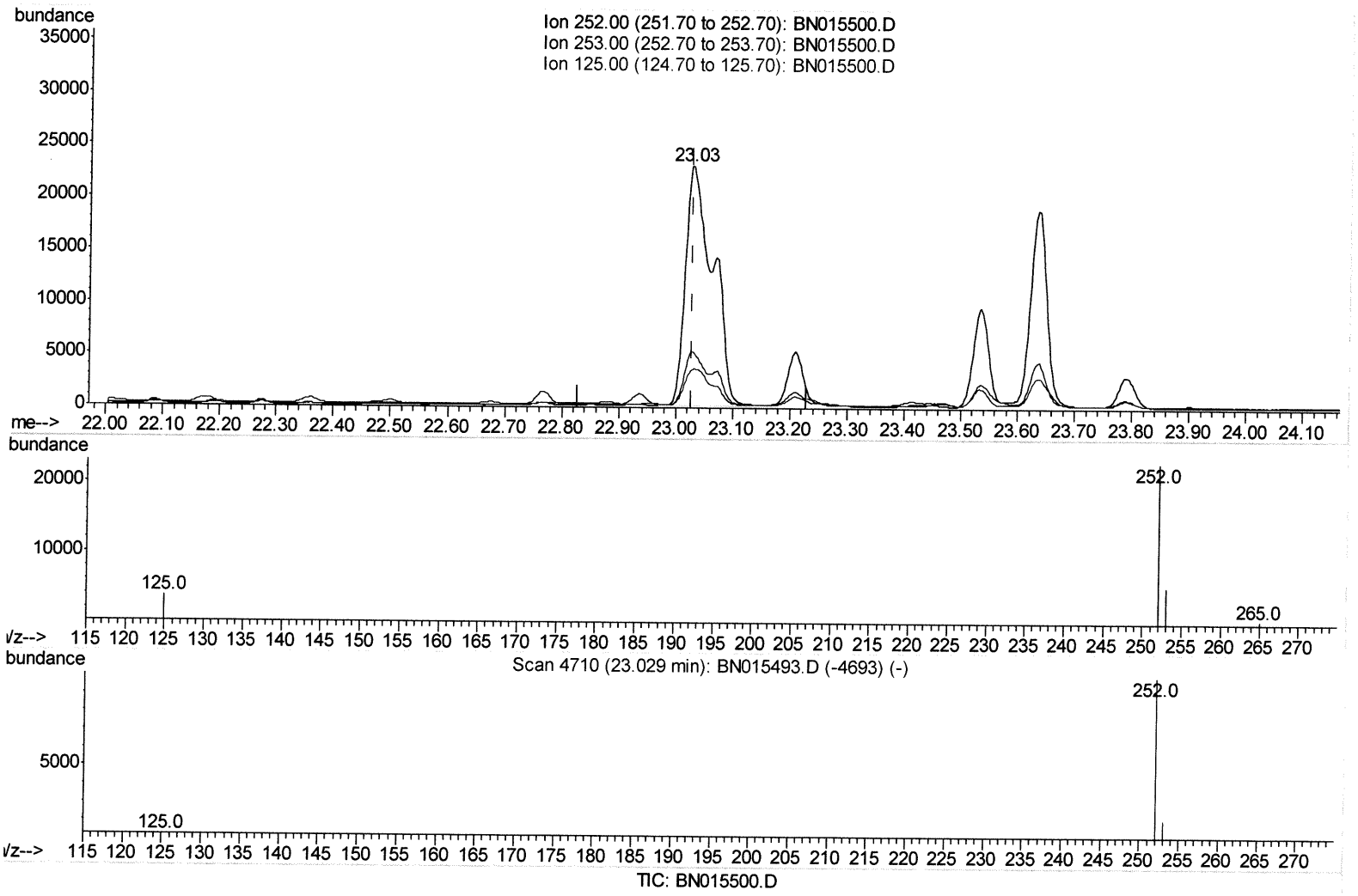
Manual Integrations APPROVED
mohammad
7/13/2021 1:44:16 PM



TIC: BN015500.D

(24) Benzo(b)fluoranthene

23.029min (+0.000) 2.16ng/ul

response 77033

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.06
125.00	14.20	15.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015500.D
Acq On : 12 Jul 2021 21:23
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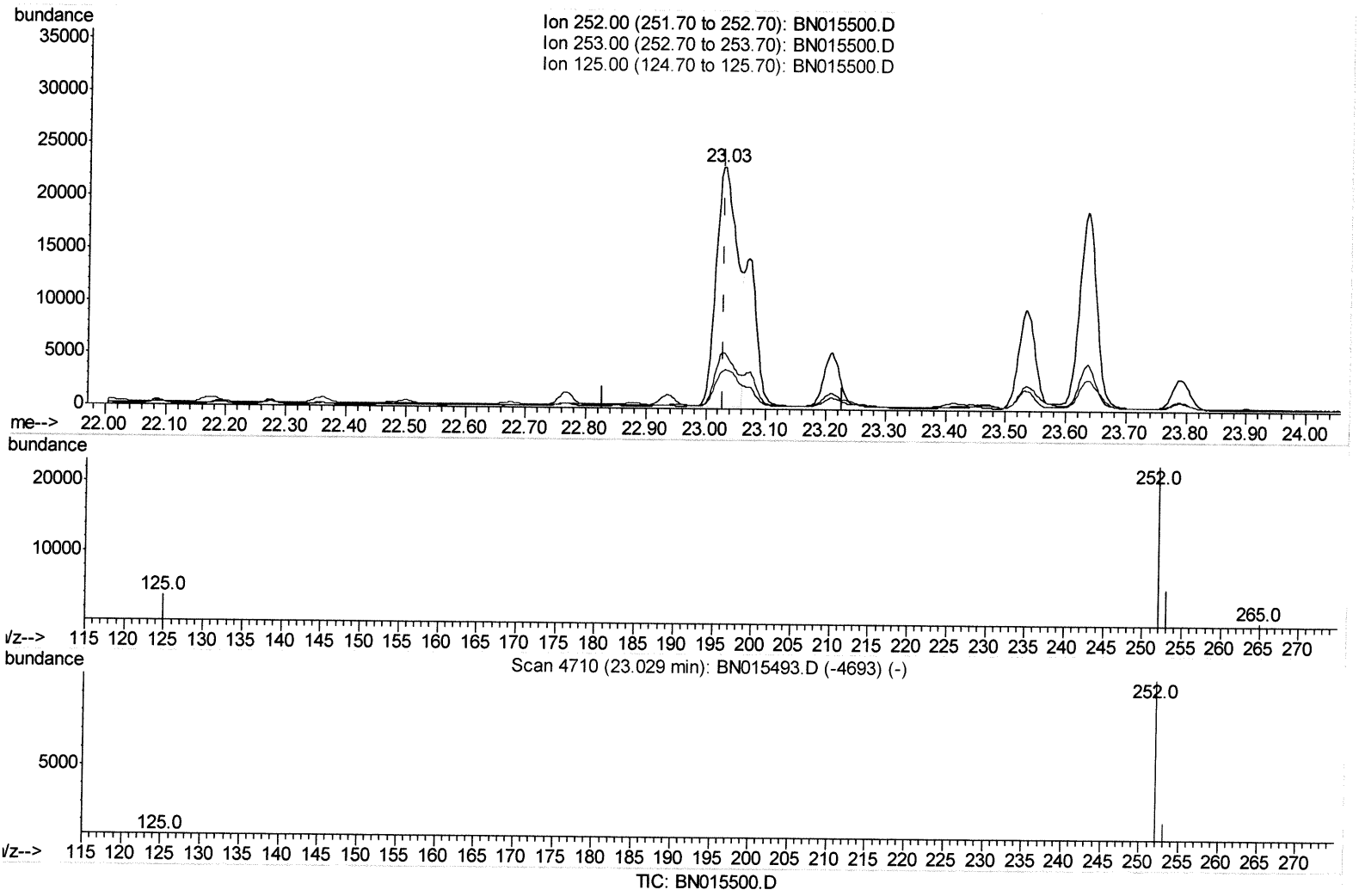
ClientSampleId :
BGDX9

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:16 PM



TIC: BN015500.D

(24) Benzo(b)fluoranthene

23.029min (+0.000) 1.54ng/ul m JG 7/14/21

response 54963

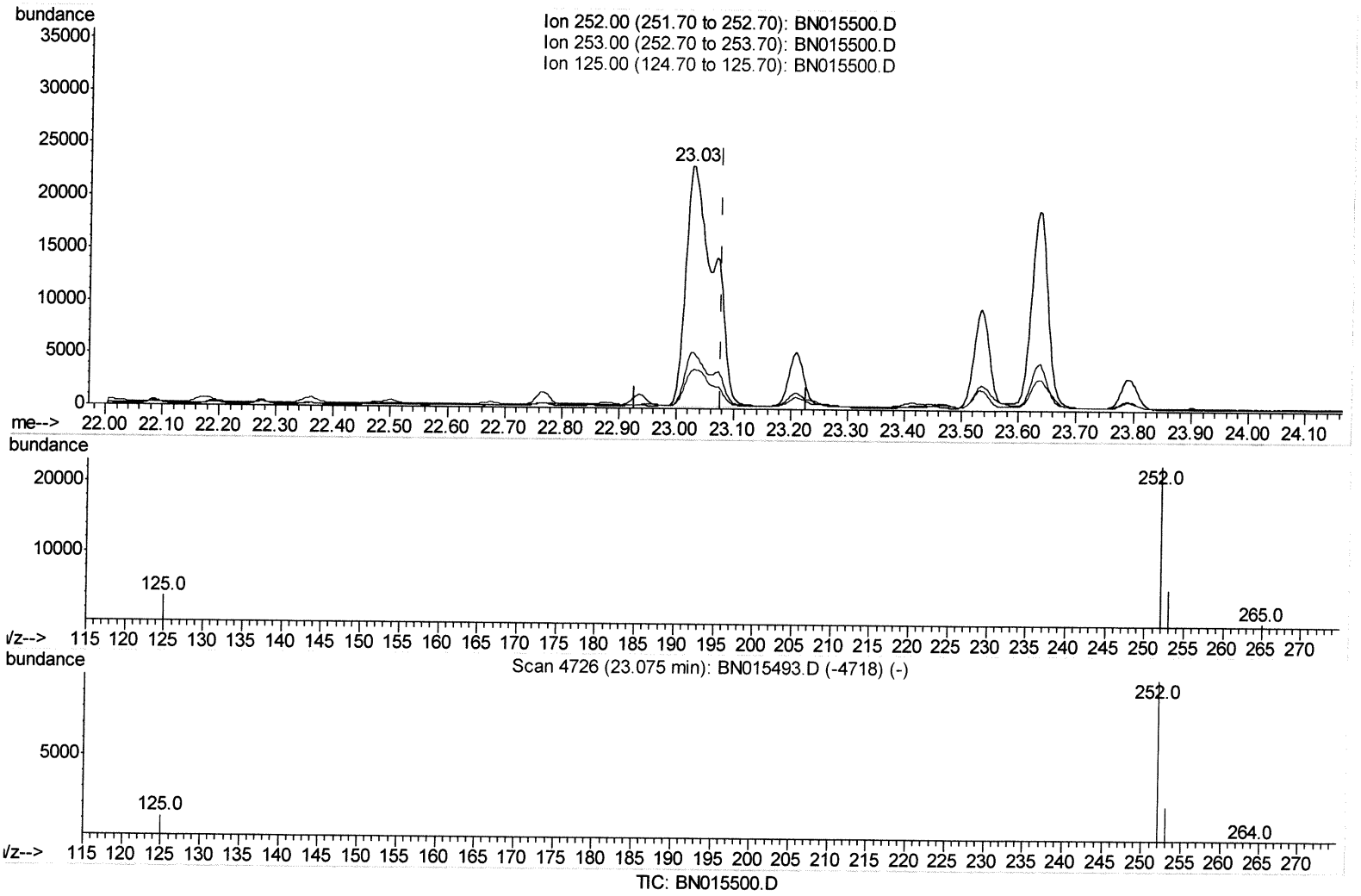
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.06
125.00	14.20	15.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015500.D
Acq On : 12 Jul 2021 21:23
Operator : CG/JU
Sample : M2808-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 13 05:12:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX9

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:16 PM



TIC: BN015500.D

(25) Benzo(k)fluoranthene

23.029min (-0.050) 1.91ng/ul

response 77033

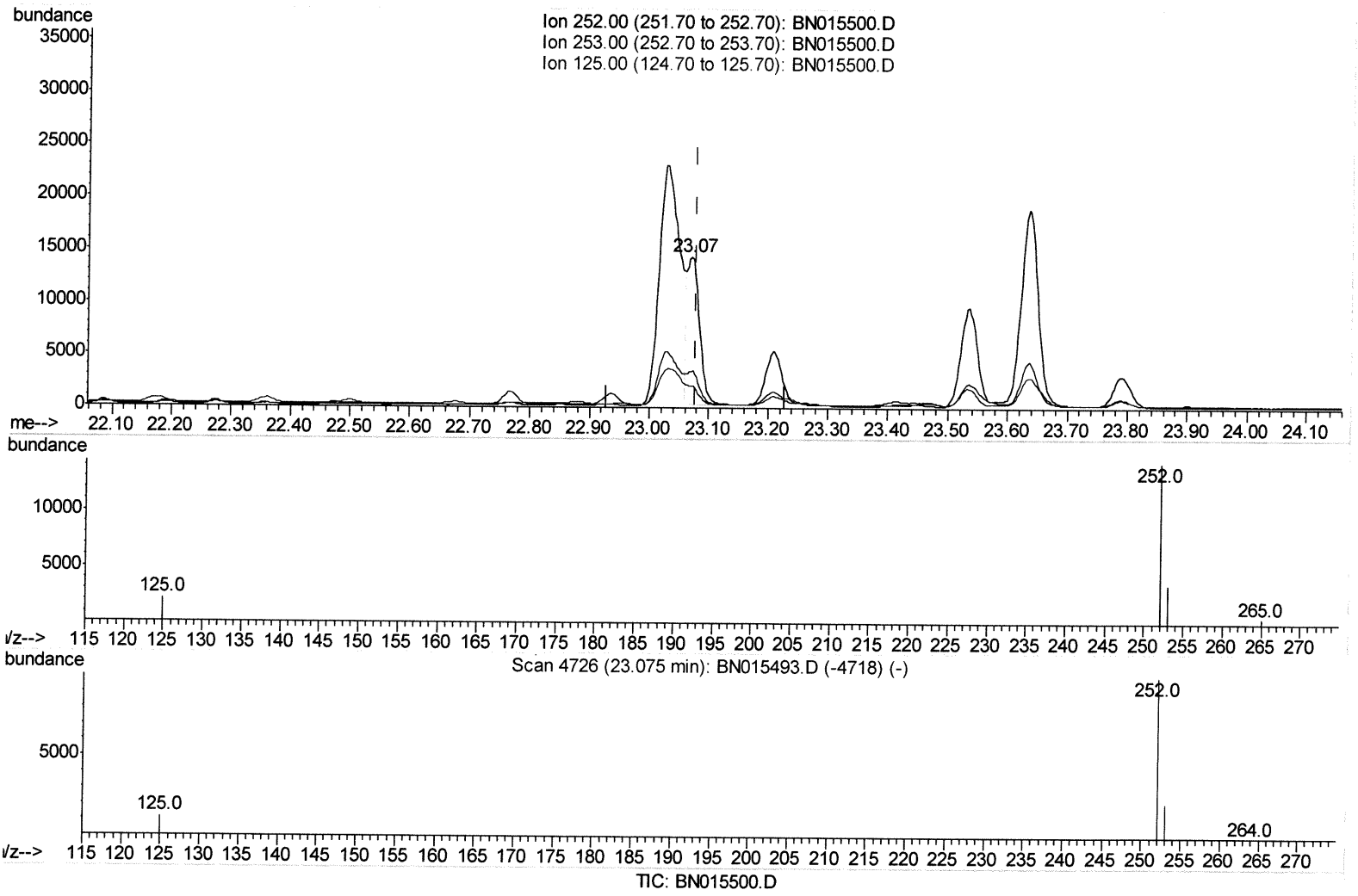
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.06
125.00	14.40	15.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015500.D
Acq On : 12 Jul 2021 21:23
Operator : CG/JU
Sample : M2808-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 13 05:12:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX9

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:16 PM



(25) Benzo(k)fluoranthene

23.070min (-0.009) 0.53ng/ul m

response 21476

JG7/14/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.15
125.00	14.40	14.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015500.D
Acq On : 12 Jul 2021 21:23
Operator : CG/JU
Sample : M2808-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDX9

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:16 PM

Quant Time: Jul 13 05:13:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2787	0.40	ng/ul	0.00
4) Naphthalene-d8	10.60	136	9873	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.45	164	5233	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	10240	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	8452	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	7648	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	5812	1.85	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	2279	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	4852	0.17	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.64	128	1791	0.057	ng/ul#	90
10) Acenaphthylene	14.16	152	4616	0.171	ng/ul	97
11) Acenaphthene	14.51	153	540	0.026	ng/ul	91
12) Fluorene	15.50	166	944	0.041	ng/ul#	97
15) Phenanthrene	17.23	178	21351	0.574	ng/ul	99
16) Anthracene	17.32	178	10433	0.318	ng/ul	100
19) Fluoranthene	19.26	202	109760	2.810	ng/ul	99
20) Pyrene	19.62	202	91656	2.340	ng/ul	98
21) Benzo(a)anthracene	21.37	228	57655	1.841	ng/ul	97
22) Chrysene	21.42	228	47209	1.260	ng/ul	98
24) Benzo(b)fluoranthene	23.03	252	54963m	1.538	ng/ul	98
25) Benzo(k)fluoranthene	23.07	252	21476m	0.533	ng/ul	98
26) Benzo(a)pyrene	23.63	252	37354	1.245	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.16	276	21452	0.592	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.18	278	5834	0.205	ng/ul#	89
29) Benzo(g,h,i)perylene	26.91	276	3052	0.091	ng/ul#	86

JU 7/14/21

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