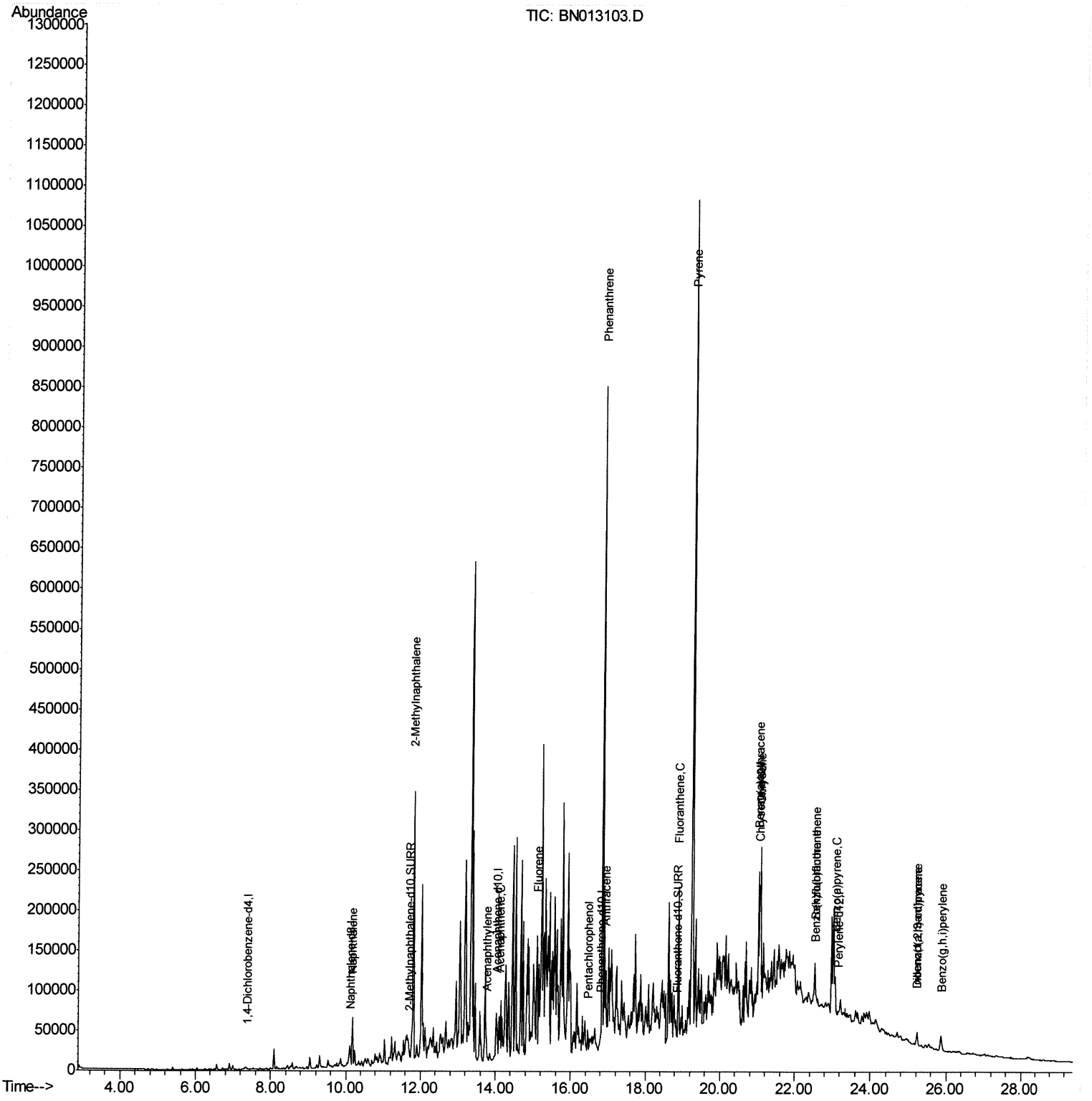
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121220\
Data File : BN013103.D
Acq On : 12 Dec 2020 22:11
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 14 11:36:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 11:29:45 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:28 PM

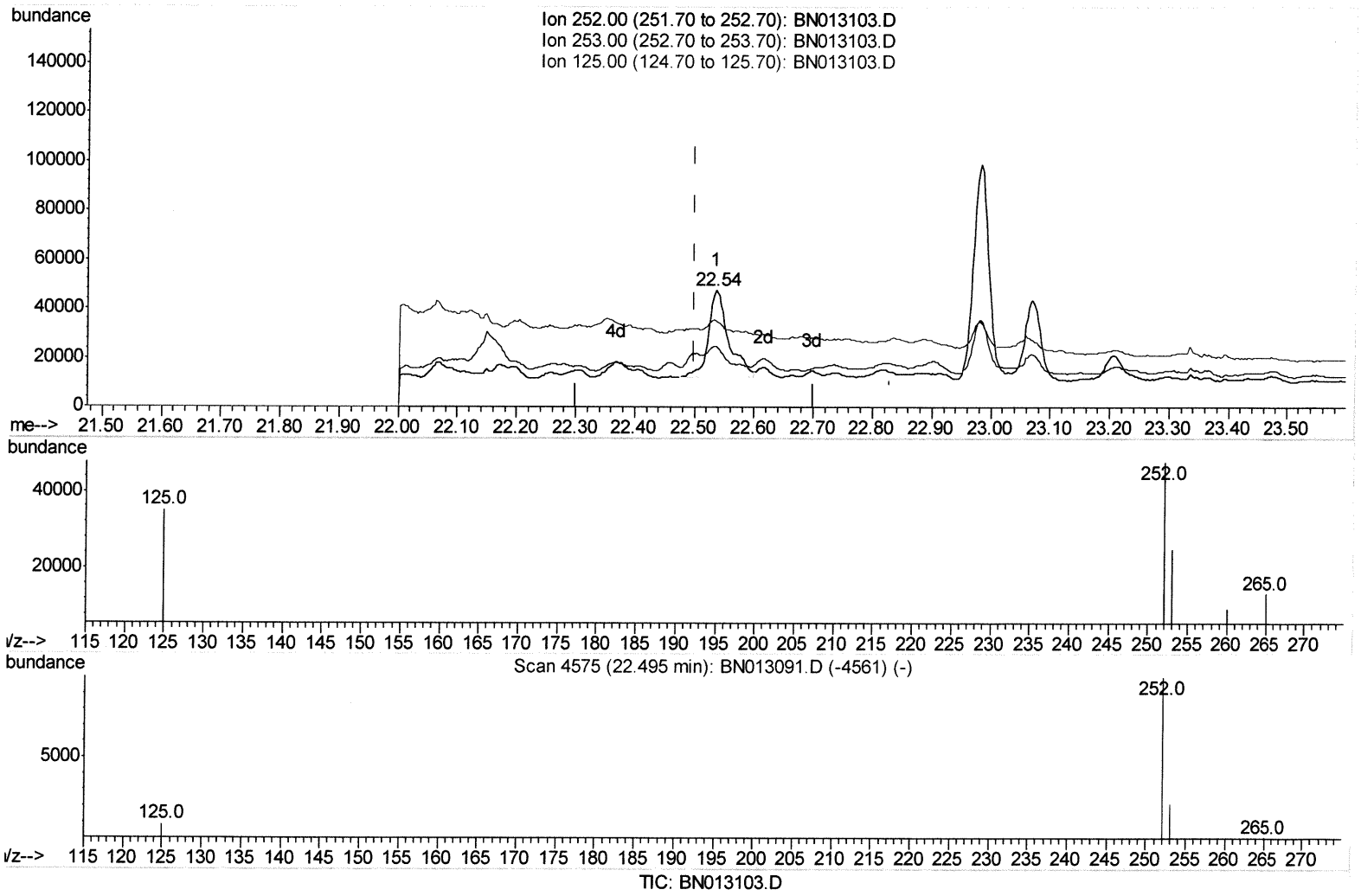


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121220\
Data File : BN013103.D
Acq On : 12 Dec 2020 22:11
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 14 11:36:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 11:29:45 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:28 PM



(21) Benzo(b)fluoranthene

22.535min (+0.035) 4.26ng/ul

response 83797

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	52.13
125.00	13.00	73.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121220\
Data File : BN013103.D
Acq On : 12 Dec 2020 22:11
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 14 11:36:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 11:29:45 2020
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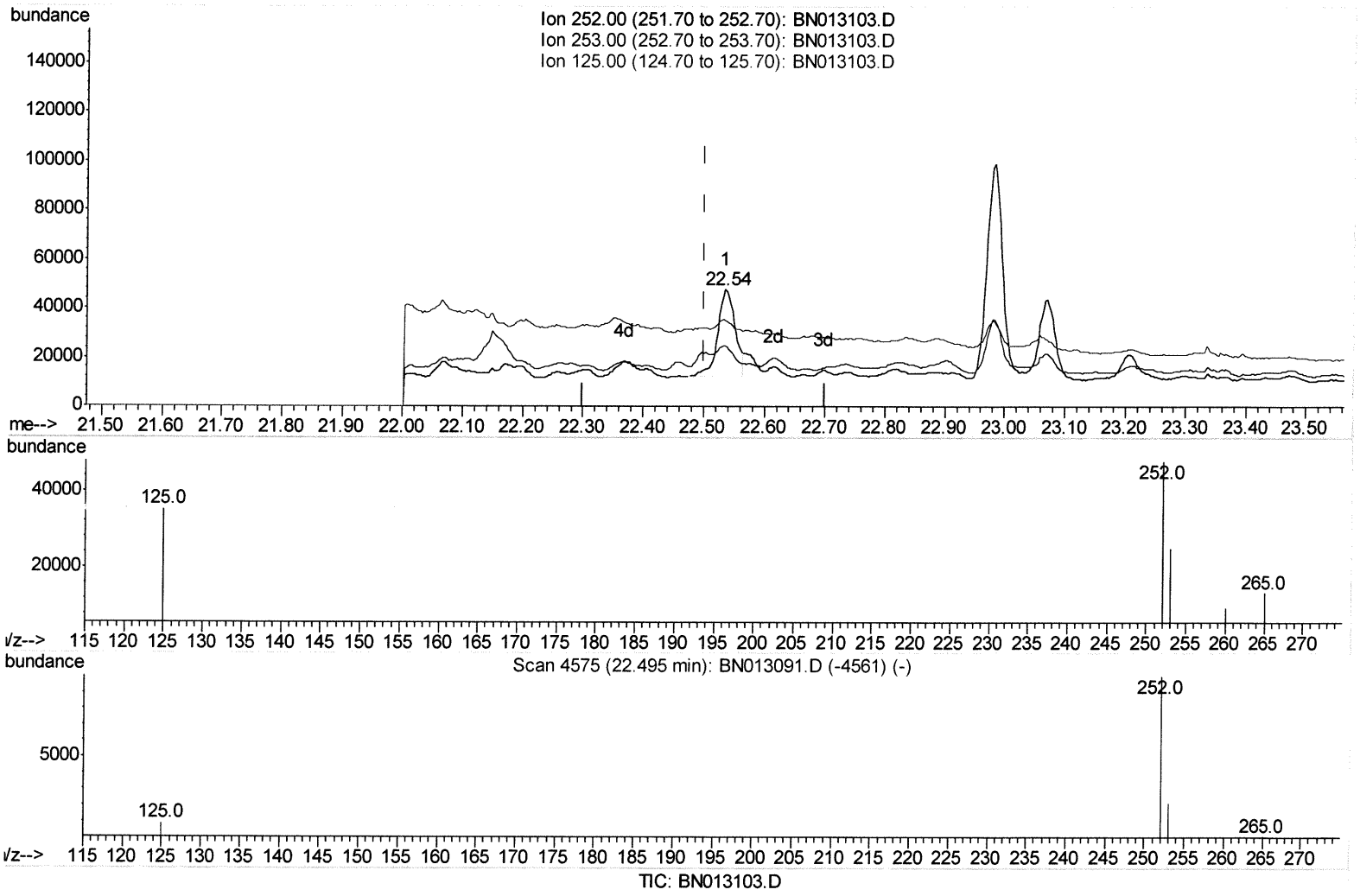
Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:28 PM



(21) Benzo(b)fluoranthene

22.535min (+0.035) 3.65ng/ul m

response 71756

JU 12/28/20

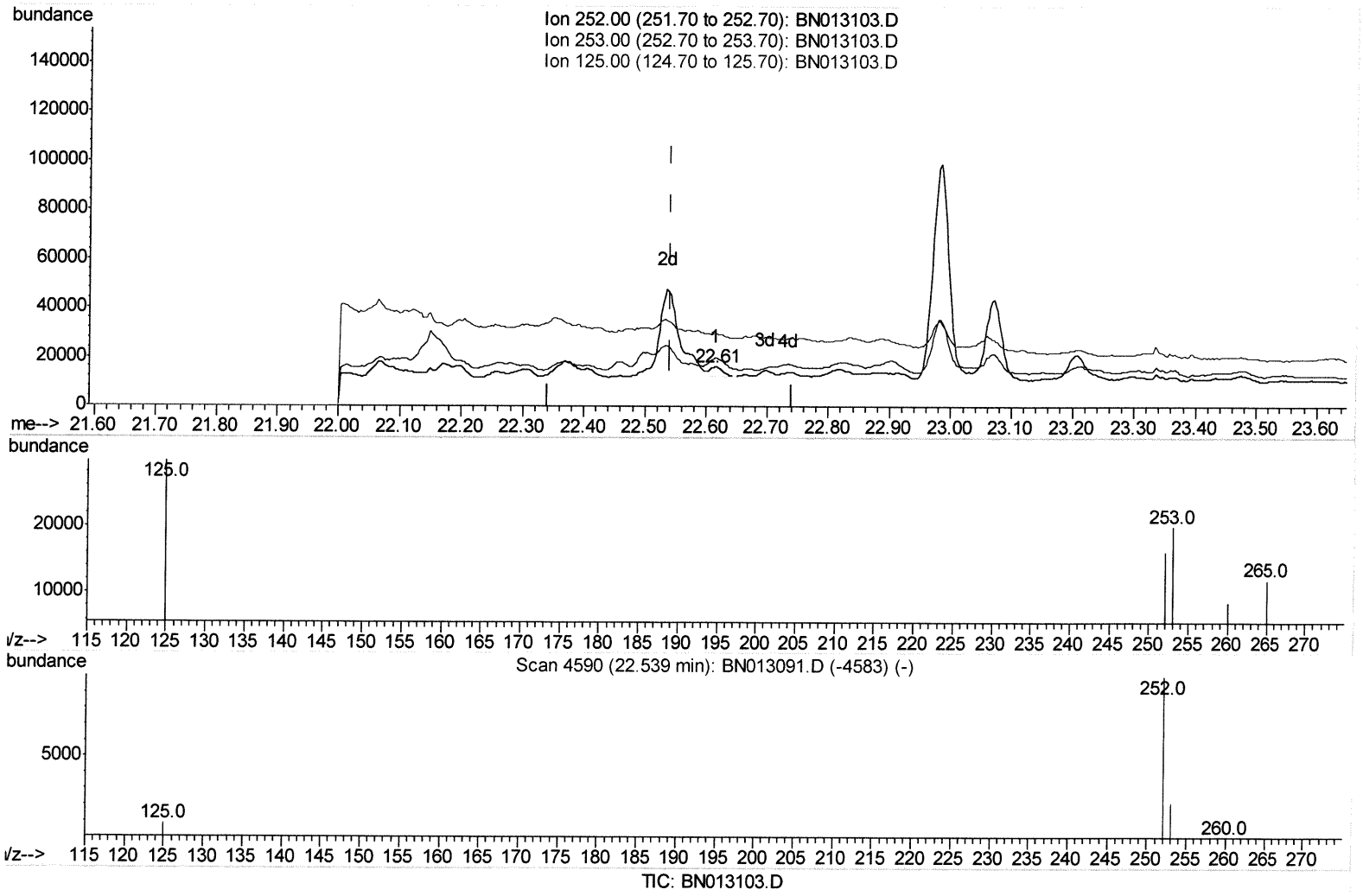
Ion	Exp%	Act%
252.00	100	100
253.00	29.80	52.13
125.00	13.00	73.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121220\
Data File : BN013103.D
Acq On : 12 Dec 2020 22:11
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 14 11:36:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 11:29:45 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:28 PM



(22) Benzo(k)fluoranthene

22.614min (+0.073) 0.26ng/ul

response 5761

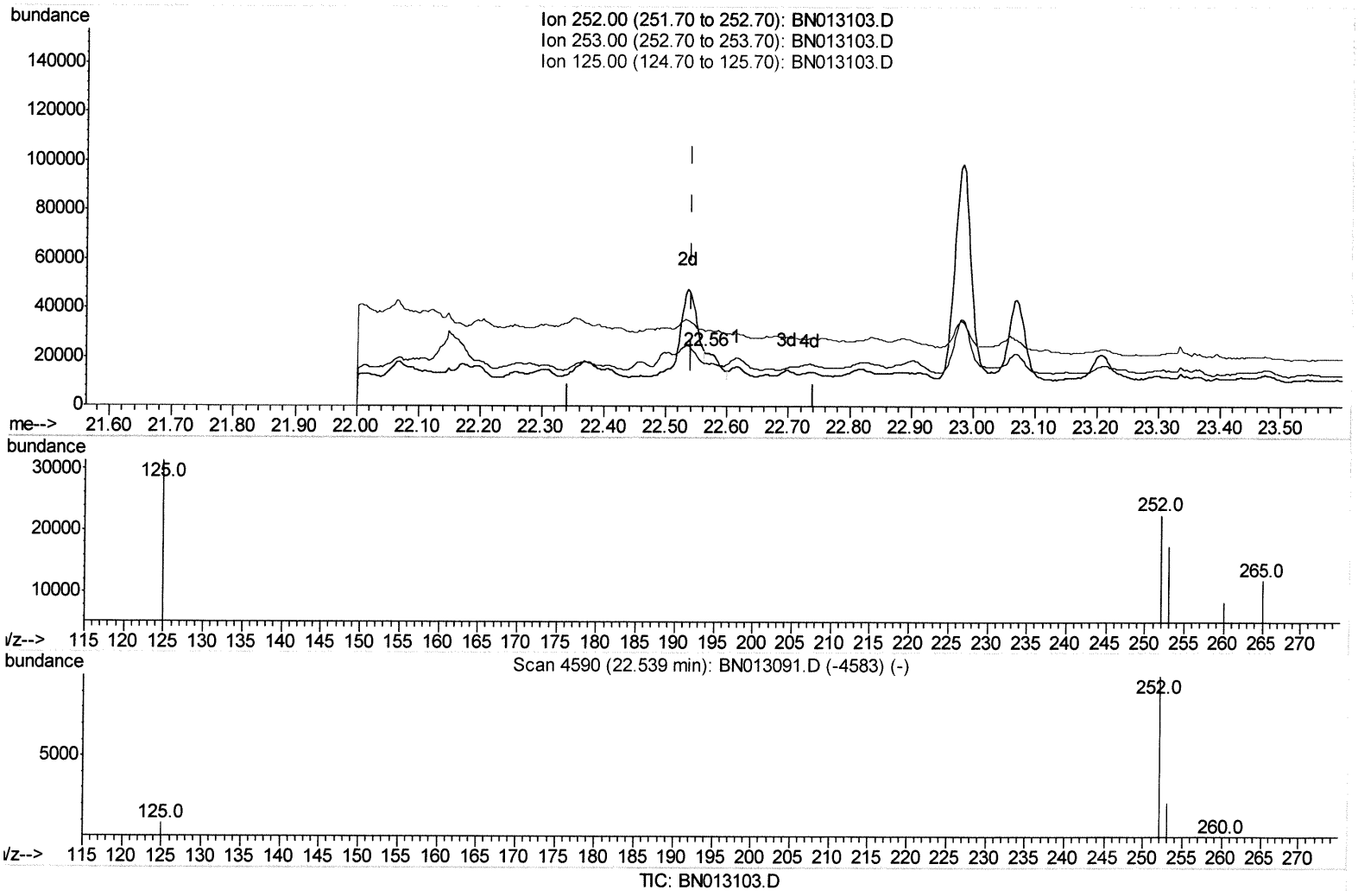
Ion	Exp%	Act%
252.00	100	100
253.00	29.30	122.82#
125.00	13.90	183.42#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121220\
Data File : BN013103.D
Acq On : 12 Dec 2020 22:11
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 14 11:36:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 11:29:45 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:28 PM



TIC: BN013103.D

(22) Benzo(k)fluoranthene

22.562min (+0.020) 0.79ng/ul m

JU12/28/20

response 17156

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	77.79#
125.00	13.90	138.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121220\
Data File : BN013103.D
Acq On : 12 Dec 2020 22:11
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE0

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:28 PM

Quant Time: Dec 14 11:36:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 11:29:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	866	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	3263	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	7137	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4319	0.40	ng/ul	0.01
16) Chrysene-d12	21.04	240	8811	0.40	ng/ul	0.02
20) Perylene-d12	23.16	264	4252	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2111	0.44	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	4621	0.39	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.18	128	67210	7.118	ng/ul	96
5) 2-Methylnaphthalene	11.81	142	226782	36.564	ng/ul	99
7) Acenaphthylene	13.76	152	15654	0.463	ng/ul#	1
8) Acenaphthene	14.10	153	28261	1.020	ng/ul	93
9) Fluorene	15.10	166	52009	1.636	ng/ul#	82
11) Pentachlorophenol	16.48	266	124	0.099	ng/ul#	36
12) Phenanthrene	16.85	178	813405	56.170	ng/ul	98
13) Anthracene	16.94	178	77356	6.277	ng/ul#	90
15) Fluoranthene	18.88	202	159735	9.282	ng/ul	92
17) Pyrene	19.25	202	915812	22.005	ng/ul	98
18) Benzo(a)anthracene	21.02	228	107982	2.962	ng/ul#	41
19) Chrysene	21.07	228	142243	3.532	ng/ul#	76
21) Benzo(b)fluoranthene	22.54	252	71756m	3.648	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	17156m	0.789	ng/ul	
23) Benzo(a)pyrene	23.07	252	61402	3.364	ng/ul#	45
24) Indeno(1,2,3-cd)pyrene	25.23	276	22834	0.952	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.23	278	11349	0.598	ng/ul#	1
26) Benzo(g,h,i)perylene	25.87	276	38414	1.771	ng/ul#	74

JU 12/28/20

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