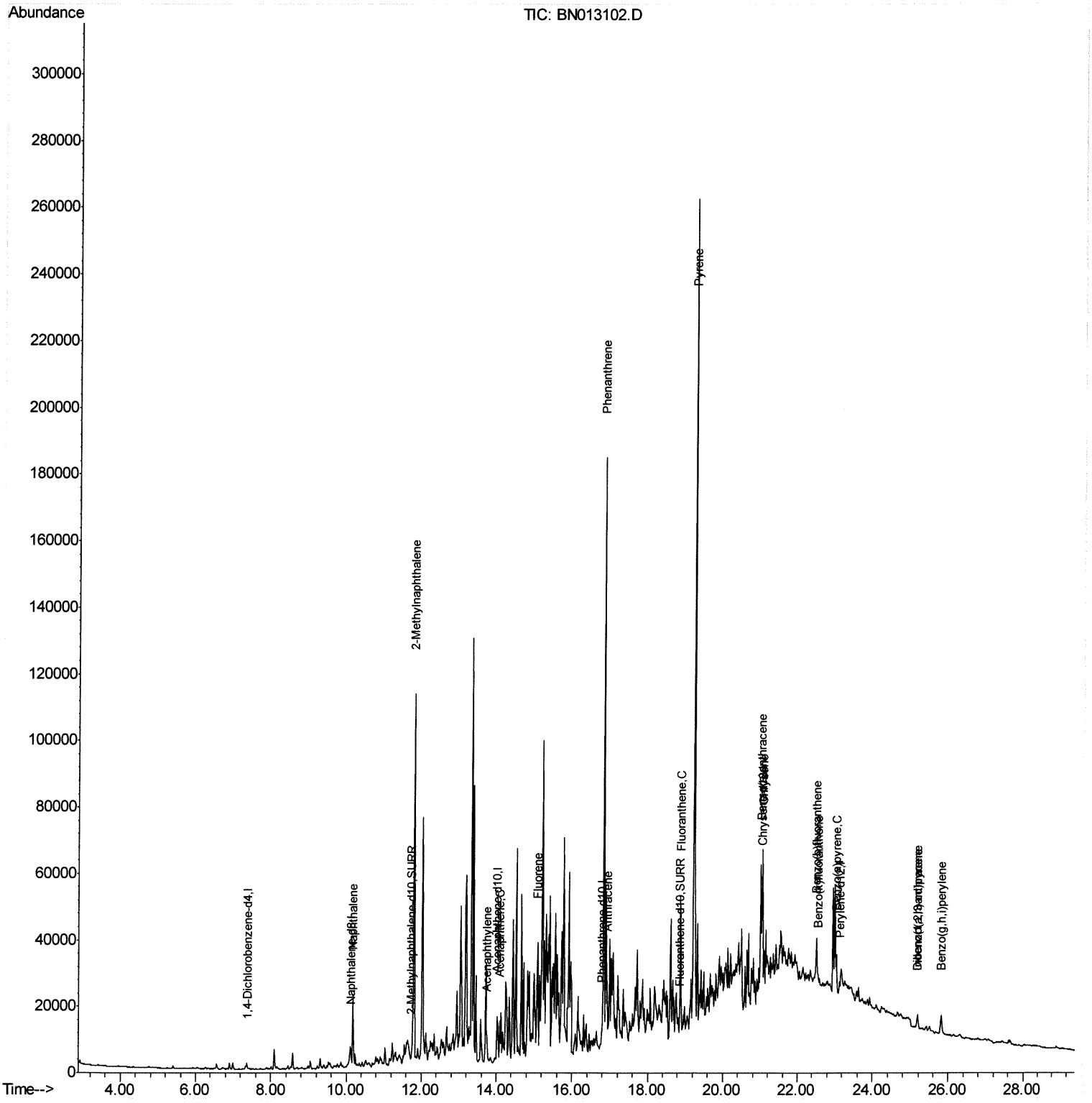
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013102.D
Acq On : 12 Dec 2020 21:35
Operator : CG/JU
Sample : L5063-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 14 01:55:07 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 00:25:18 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD9DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:25 PM

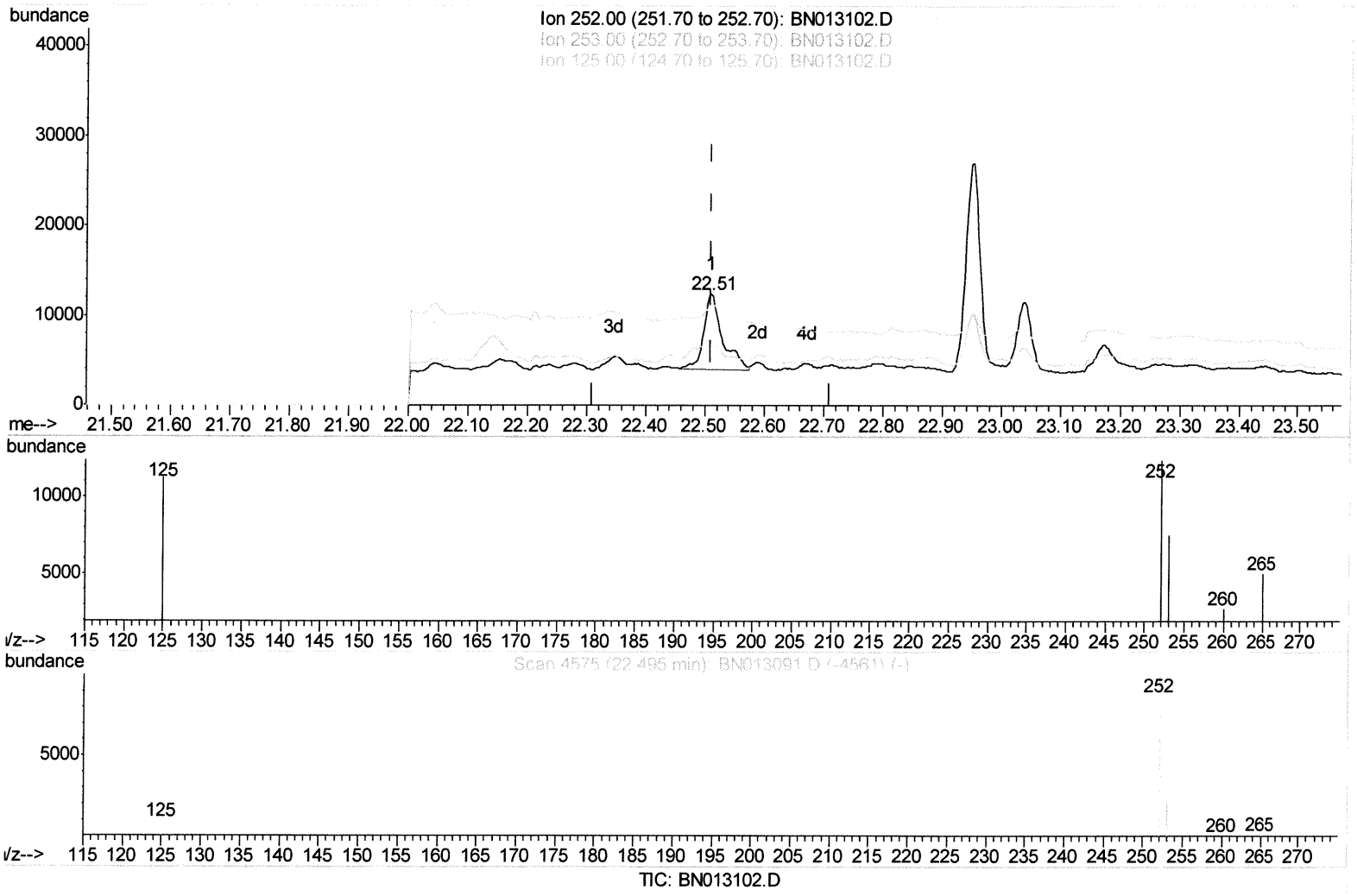


Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013102.D
Acq On : 12 Dec 2020 21:35
Operator : CG/JU
Sample : L5063-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 14 01:52:35 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 00:25:18 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD9DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:25 PM



(21) Benzo(b)fluoranthene

22.510min (+0.000) 0.89ng/ul

response 18945

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	60.51#
125.00	13.00	90.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013102.D
Acq On : 12 Dec 2020 21:35
Operator : CG/JU
Sample : L5063-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 14 01:52:35 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 00:25:18 2020
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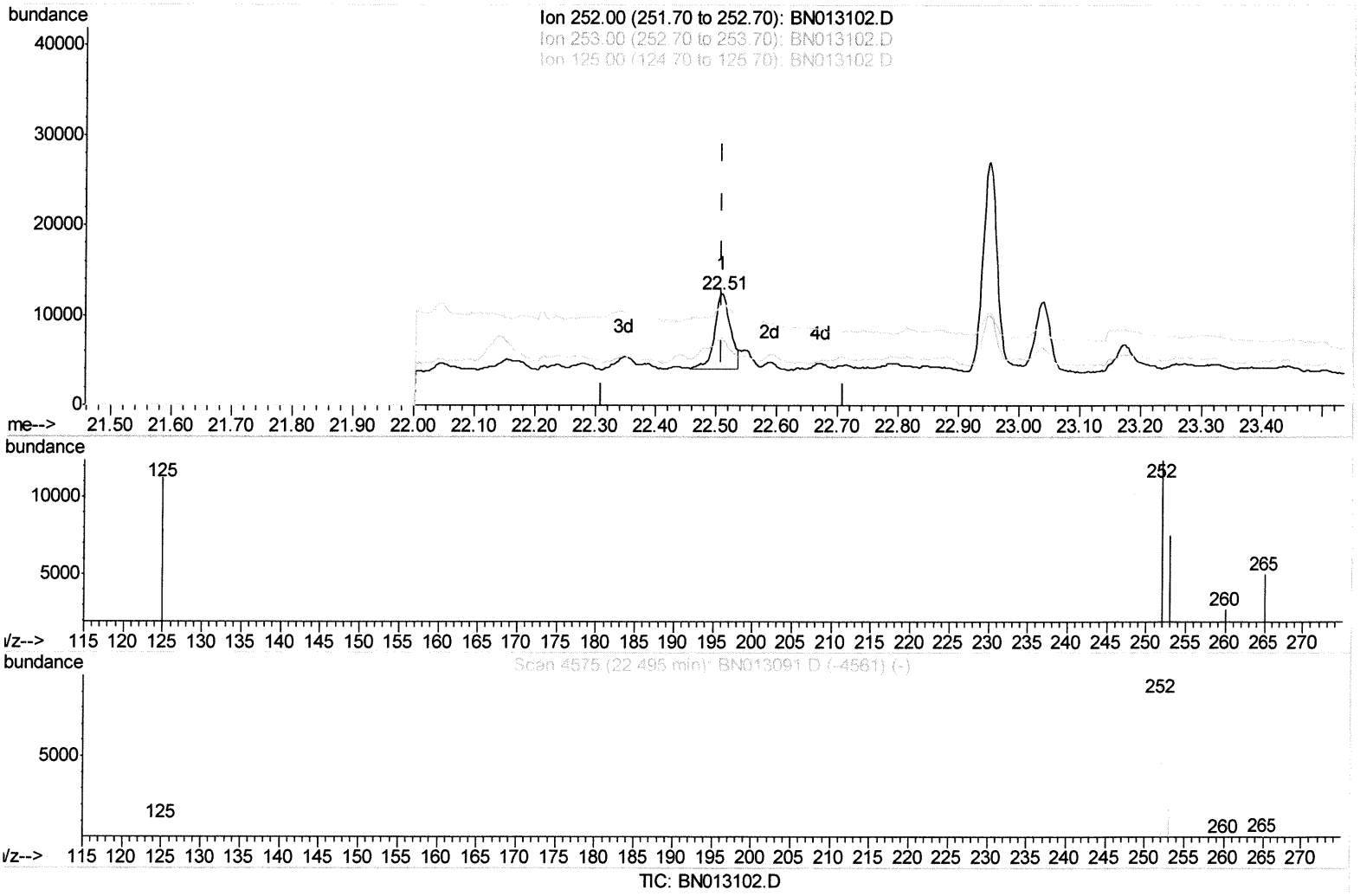
BNA_N
ClientSampleId :
C0AD9DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:25 PM



(21) Benzo(b)fluoranthene

22.510min (+0.000) 0.72ng/ul m

response 15283

JU 12/28/20

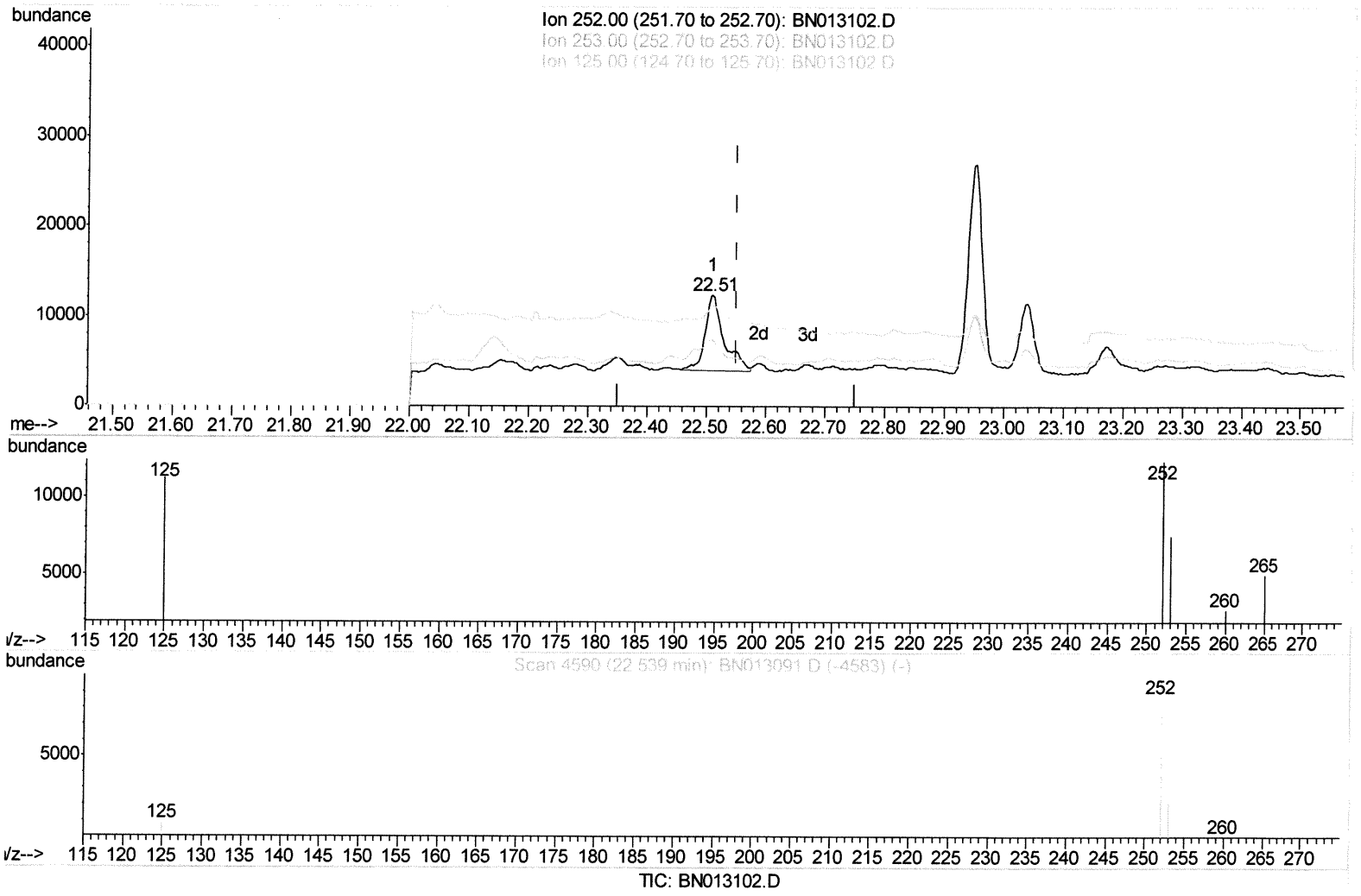
Ion	Exp%	Act%
252.00	100	100
253.00	29.80	60.51#
125.00	13.00	90.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013102.D
Acq On : 12 Dec 2020 21:35
Operator : CG/JU
Sample : L5063-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 14 01:52:35 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 00:25:18 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD9DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:25 PM



(22) Benzo(k)fluoranthene

22.510min (-0.041) 0.80ng/ul

response 18867

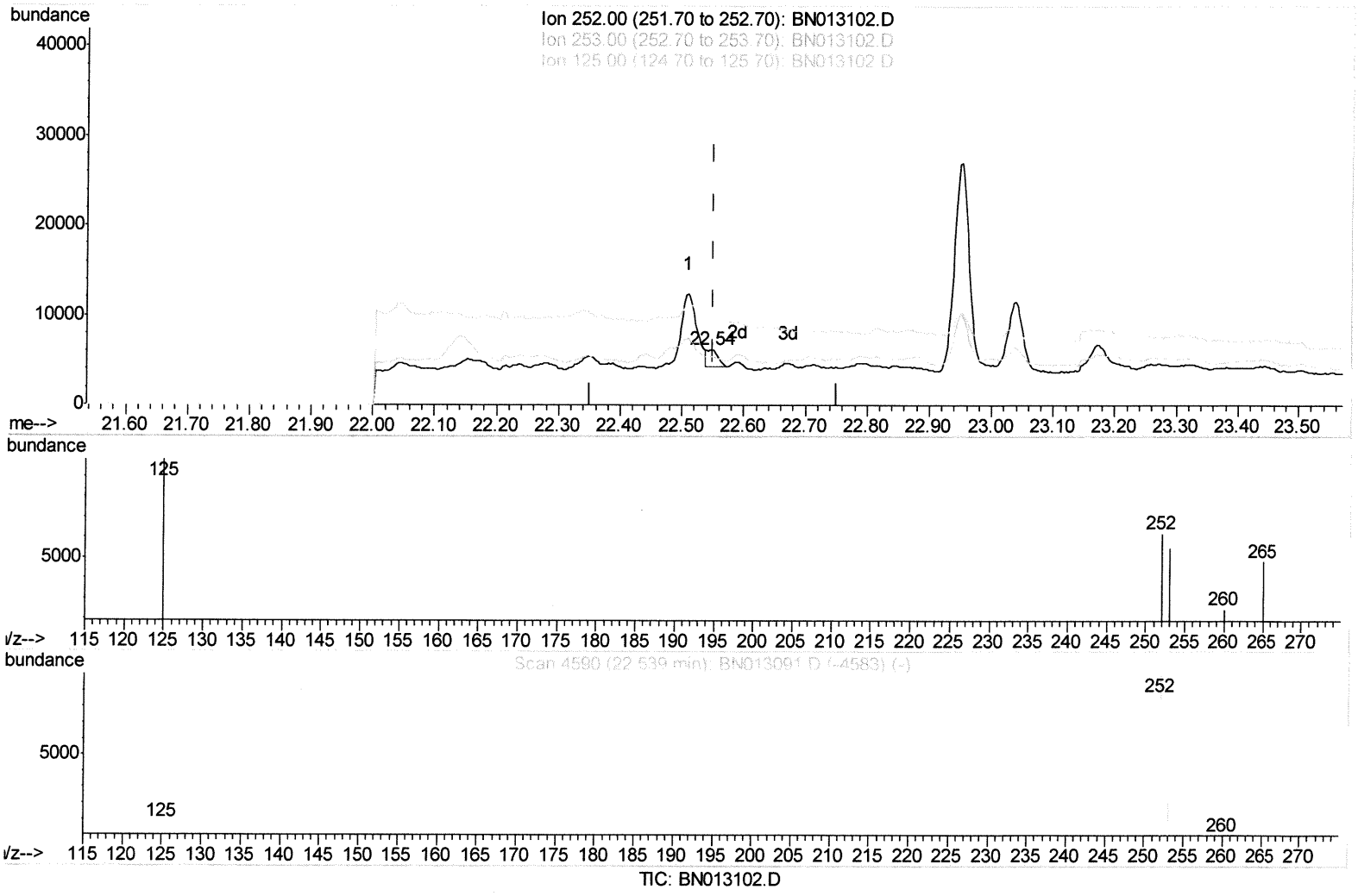
Ion	Exp%	Act%
252.00	100	100
253.00	29.30	60.51#
125.00	13.90	90.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013102.D
Acq On : 12 Dec 2020 21:35
Operator : CG/JU
Sample : L5063-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 14 01:52:35 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 00:25:18 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD9DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:25 PM



TIC: BN013102.D

(22) Benzo(k)fluoranthene

22.545min (-0.006) 0.10ng/ul m JU 12-8-20

response 2400

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	88.23#
125.00	13.90	158.88#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013102.D
Acq On : 12 Dec 2020 21:35
Operator : CG/JU
Sample : L5063-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD9DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:25 PM

Quant Time: Dec 14 01:55:07 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 00:25:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	983	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.13	136	4031	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.03	164	3301	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4914	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4807	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4607	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	442	0.07	ng/ul	-0.02
14) Fluoranthene-d10	18.84	212	1083	0.08	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	26967	2.312	ng/ul	94
5) 2-Methylnaphthalene	11.81	142	76423	9.974	ng/ul	99
7) Acenaphthylene	13.75	152	4827	0.309	ng/ul#	1
8) Acenaphthene	14.10	153	6813	0.532	ng/ul	94
9) Fluorene	15.10	166	13336	0.907	ng/ul#	84
12) Phenanthrene	16.84	178	177985	10.803	ng/ul	97
13) Anthracene	16.93	178	15589	1.112	ng/ul#	88
15) Fluoranthene	18.87	202	36810	1.880	ng/ul	92
17) Pyrene	19.24	202	213821	9.417	ng/ul	99
18) Benzo(a)anthracene	21.01	228	22391	1.126	ng/ul#	33
19) Chrysene	21.06	228	30169	1.373	ng/ul#	67
21) Benzo(b)fluoranthene	22.51	252	15283m	0.717	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	2400m	0.102	ng/ul	
23) Benzo(a)pyrene	23.04	252	14040	0.710	ng/ul#	30
24) Indeno(1,2,3-cd)pyrene	25.18	276	6044	0.233	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.18	278	2810	0.137	ng/ul#	1
26) Benzo(g,h,i)perylene	25.81	276	11458	0.488	ng/ul#	62

JU 12/28/20

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