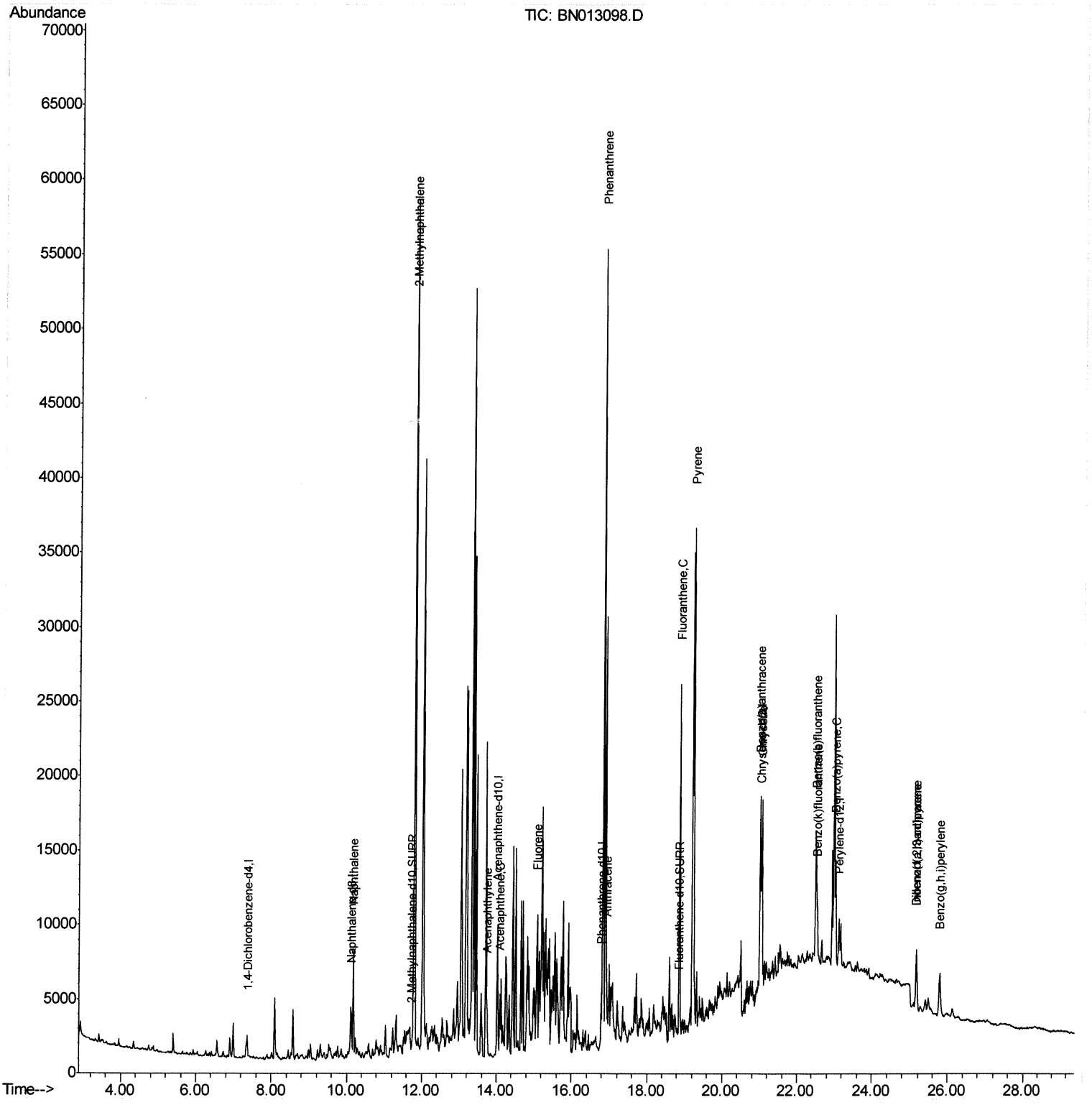
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013098.D
Acq On : 12 Dec 2020 19:10
Operator : CG/JU
Sample : L5063-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 14 01:35:02 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 :
C0AD7DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:14 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013098.D
Acq On : 12 Dec 2020 19:10
Operator : CG/JU
Sample : L5063-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 14 01:31:26 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 :
C0AD7DL

Manual Integrations APPROVED
mohammad
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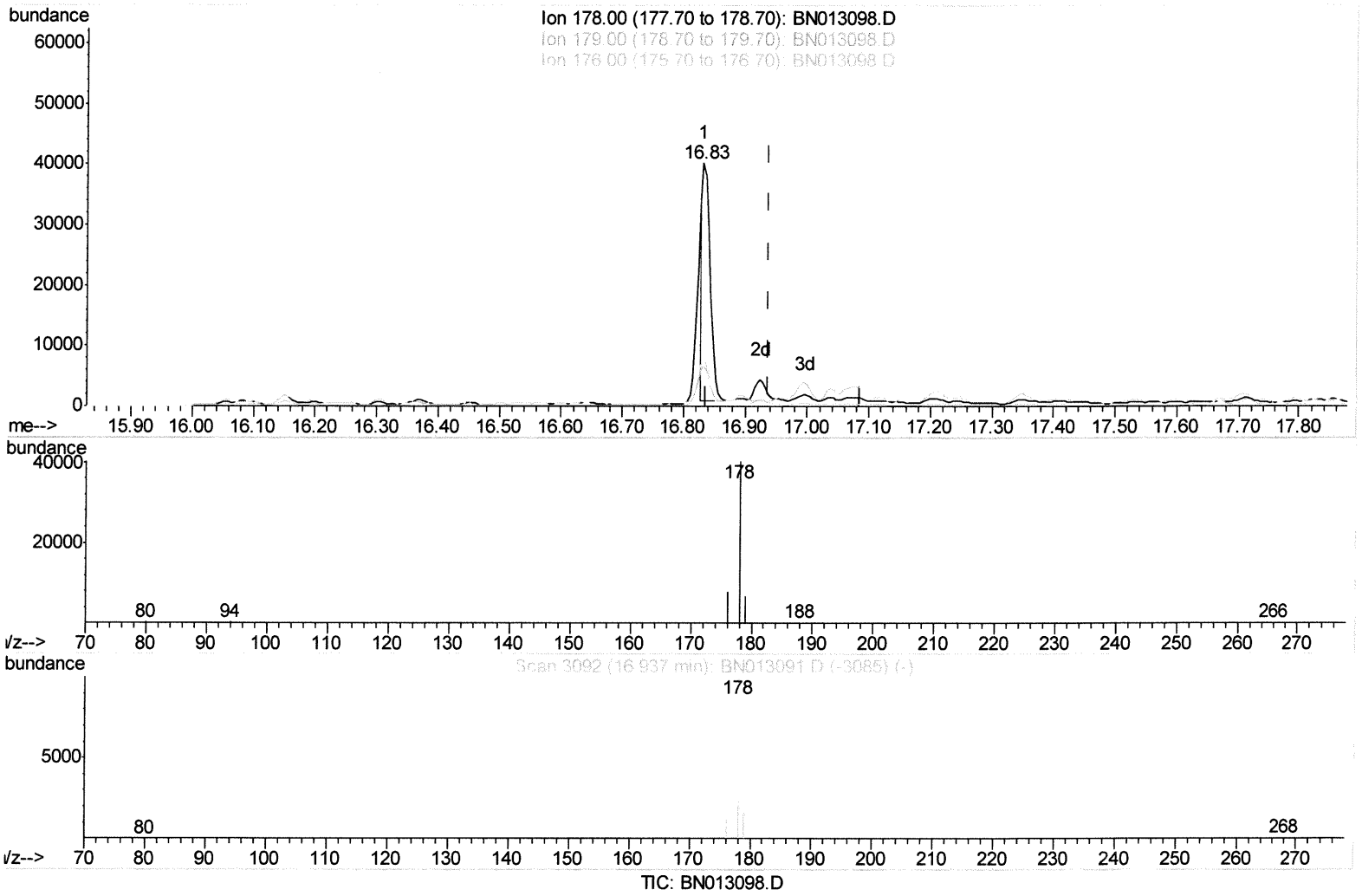

TIC: BN013098.D

(13) Anthracene

16.831min (-0.105) 2.79ng/ul

response 34458

Ion	Exp%	Act%
178.00	100	100
179.00	18.20	16.34
176.00	21.40	19.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013098.D
Acq On : 12 Dec 2020 19:10
Operator : CG/JU
Sample : L5063-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 14 01:31:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN120320.M
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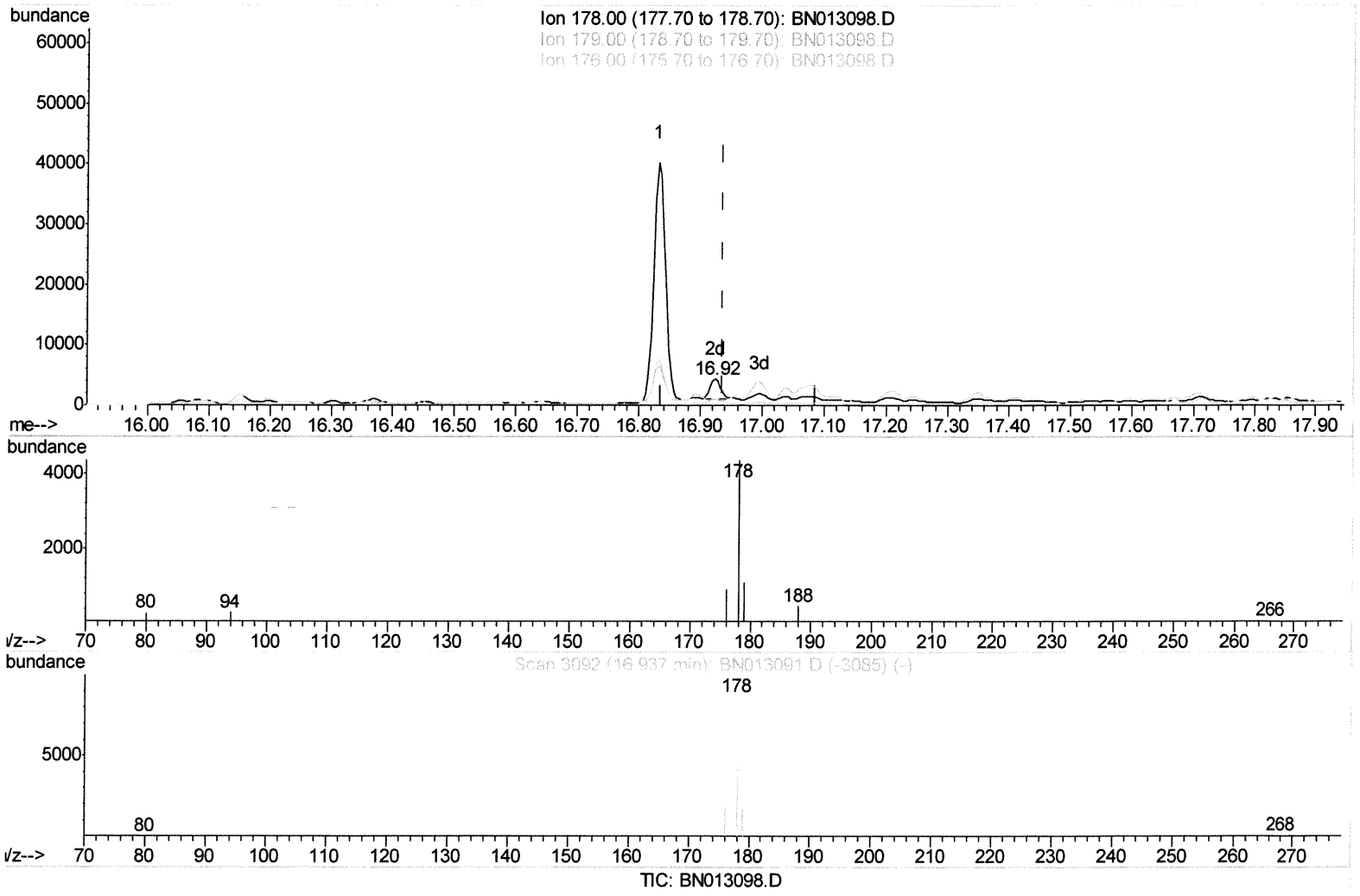
Instrument :
BNA_N
ClientSampleId :
C0AD7DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:14 PM



TIC: BN013098.D

(13) Anthracene

16.924min (-0.013) 0.31ng/ul m

response 3833

12/28/20

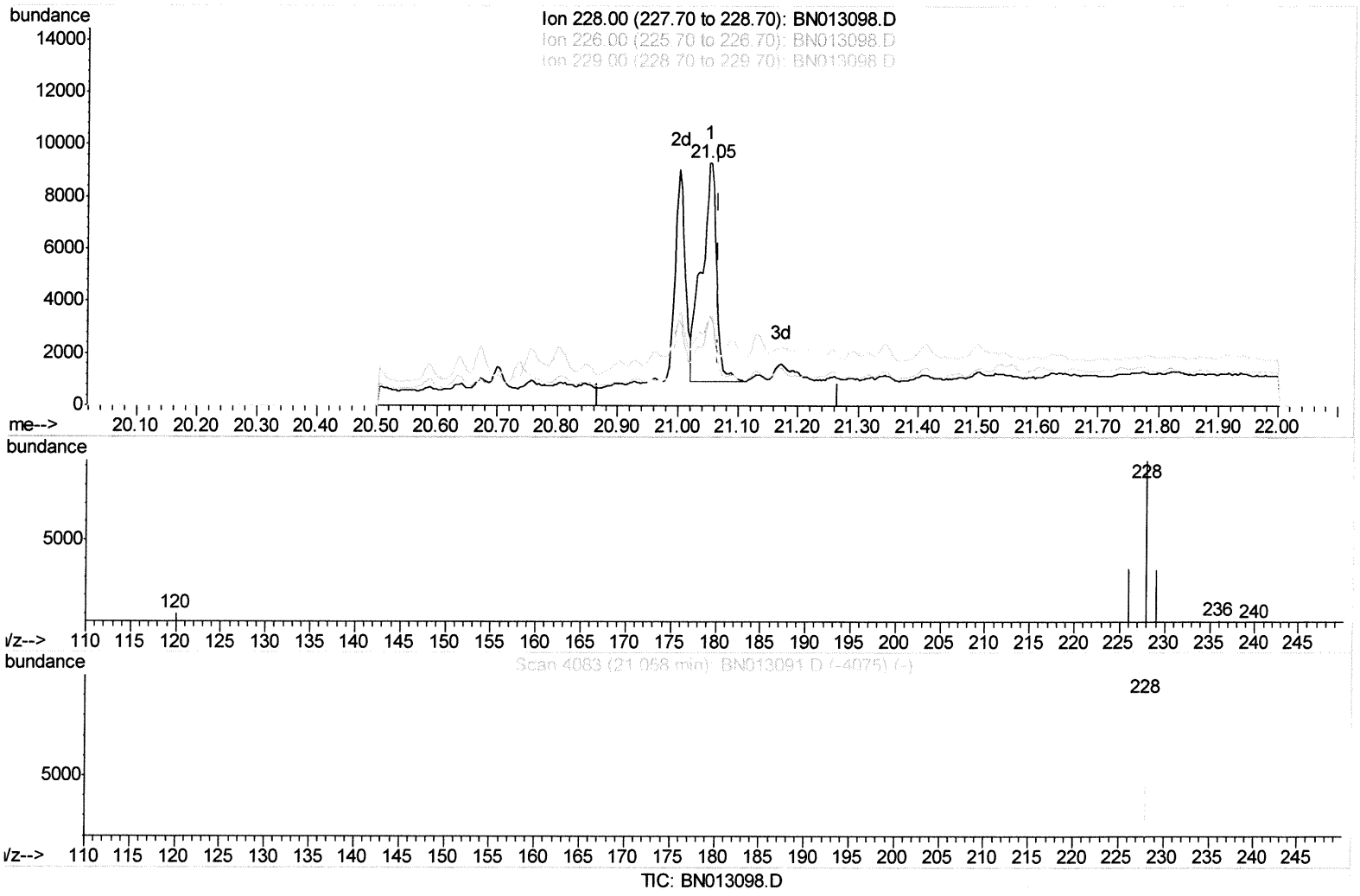
Ion	Exp%	Act%
178.00	100	100
179.00	18.20	25.19#
176.00	21.40	21.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013098.D
Acq On : 12 Dec 2020 19:10
Operator : CG/JU
Sample : L5063-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 14 01:31:26 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 :
C0AD7DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:14 PM



(19) Chrysene

21.052min (-0.015) 0.97ng/ul

response 14629

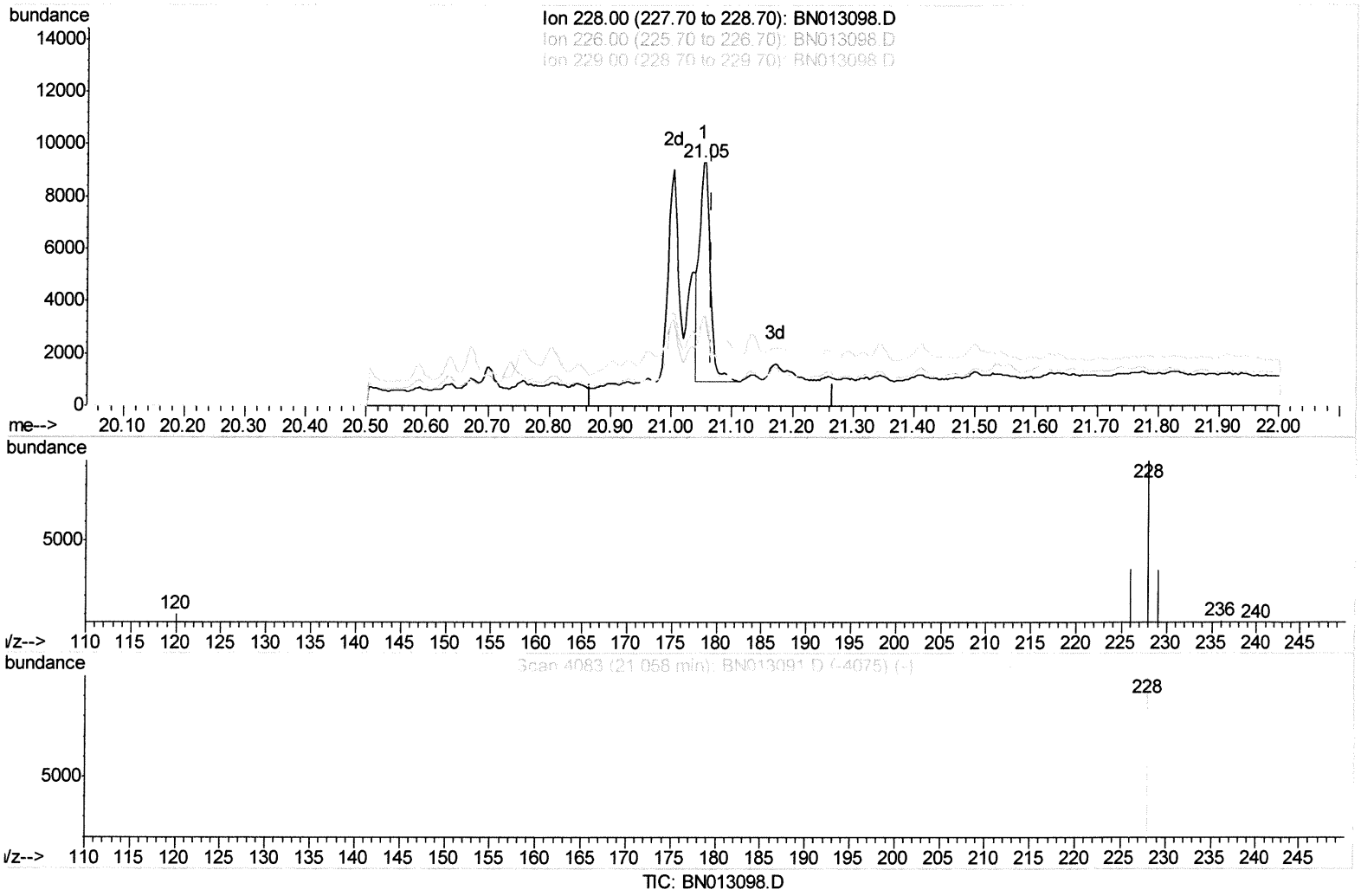
Ion	Exp%	Act%
228.00	100	100
226.00	31.30	37.38
229.00	20.50	36.47#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013098.D
Acq On : 12 Dec 2020 19:10
Operator : CG/JU
Sample : L5063-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 14 01:31:26 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 :
C0AD7DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:14 PM



TIC: BN013098.D

(19) Chrysene

21.052min (-0.015) 0.68ng/ul m 12/28/20

response 10257

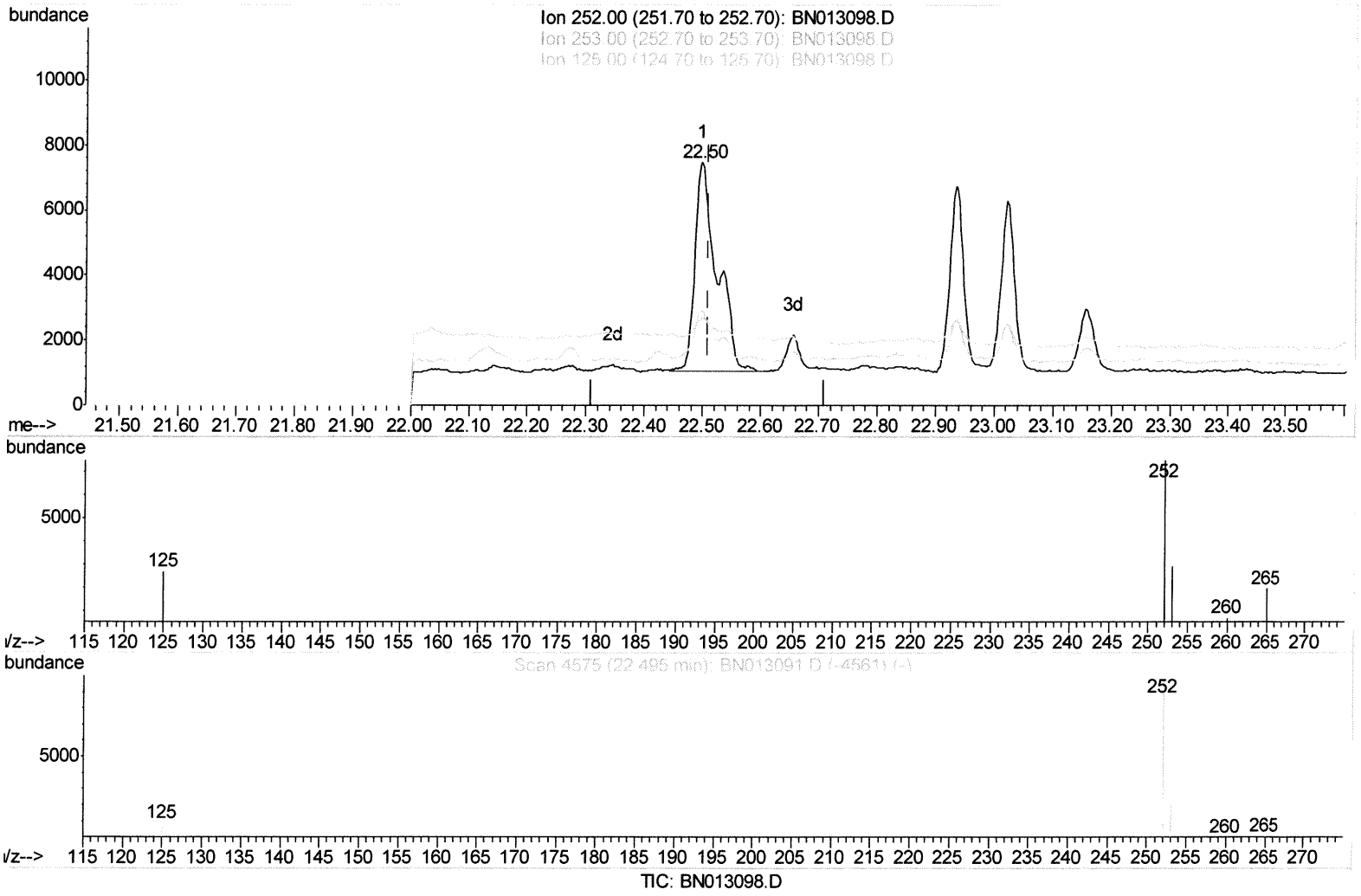
Ion	Exp%	Act%
228.00	100	100
226.00	31.30	37.38
229.00	20.50	36.47#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013098.D
Acq On : 12 Dec 2020 19:10
Operator : CG/JU
Sample : L5063-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 14 01:31:26 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 :
C0AD7DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:14 PM



TIC: BN013098.D

(21) Benzo(b)fluoranthene

22.498min (-0.012) 1.07ng/ul

response 17173

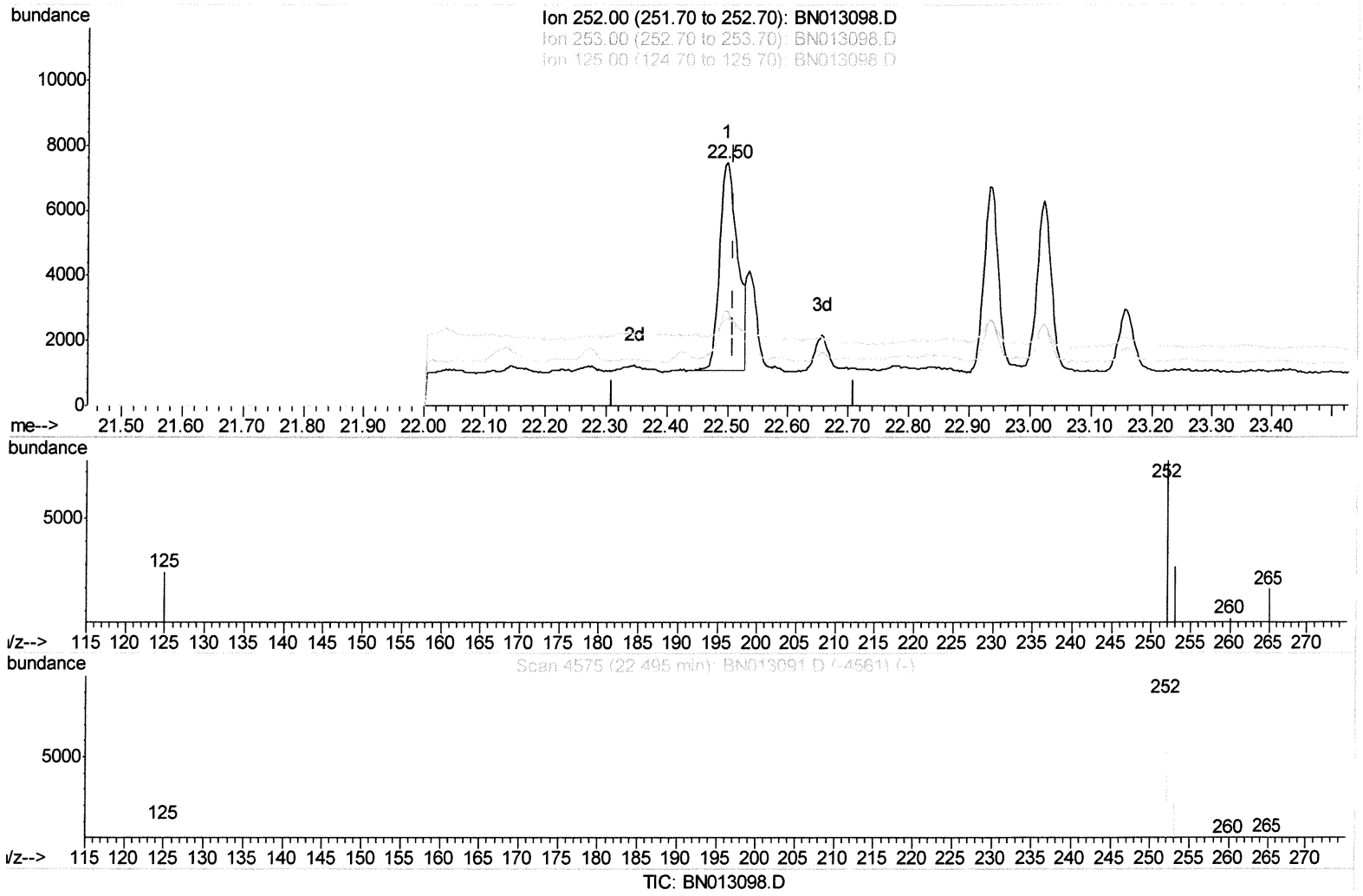
Ion	Exp%	Act%
252.00	100	100
253.00	29.80	39.05
125.00	13.00	36.05#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013098.D
Acq On : 12 Dec 2020 19:10
Operator : CG/JU
Sample : L5063-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 14 01:32:57 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 00:25:18 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD7DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:14 PM



(21) Benzo(b)fluoranthene

22.498min (-0.012) 0.81ng/ul m

response 13101

JH12/28/20

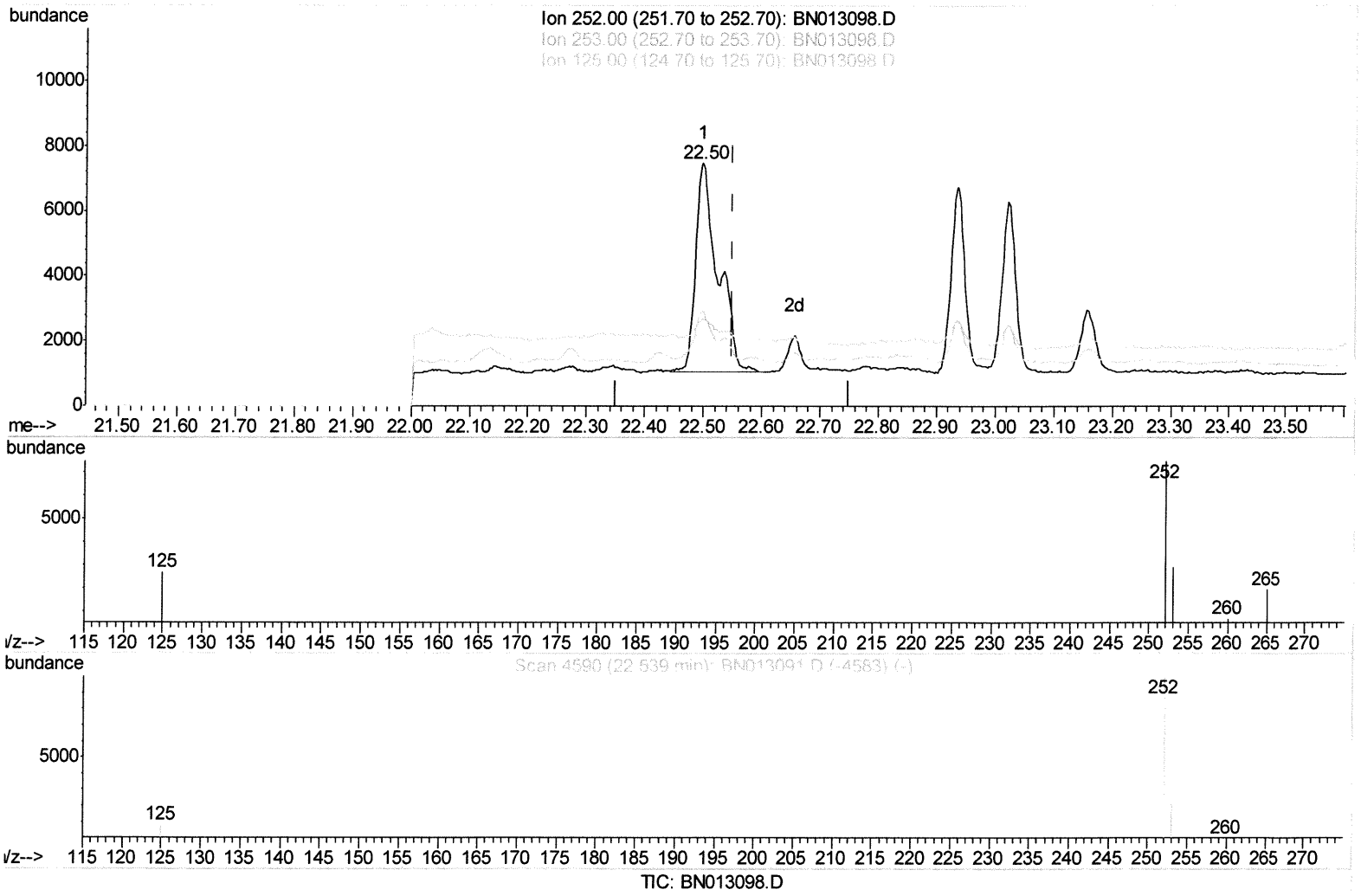
Ion	Exp%	Act%
252.00	100	100
253.00	29.80	39.05
125.00	13.00	36.05#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013098.D
Acq On : 12 Dec 2020 19:10
Operator : CG/JU
Sample : L5063-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 14 01:32:57 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 00:25:18 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD7DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:14 PM



(22) Benzo(k)fluoranthene

22.498min (-0.053) 0.96ng/ul

response 17173

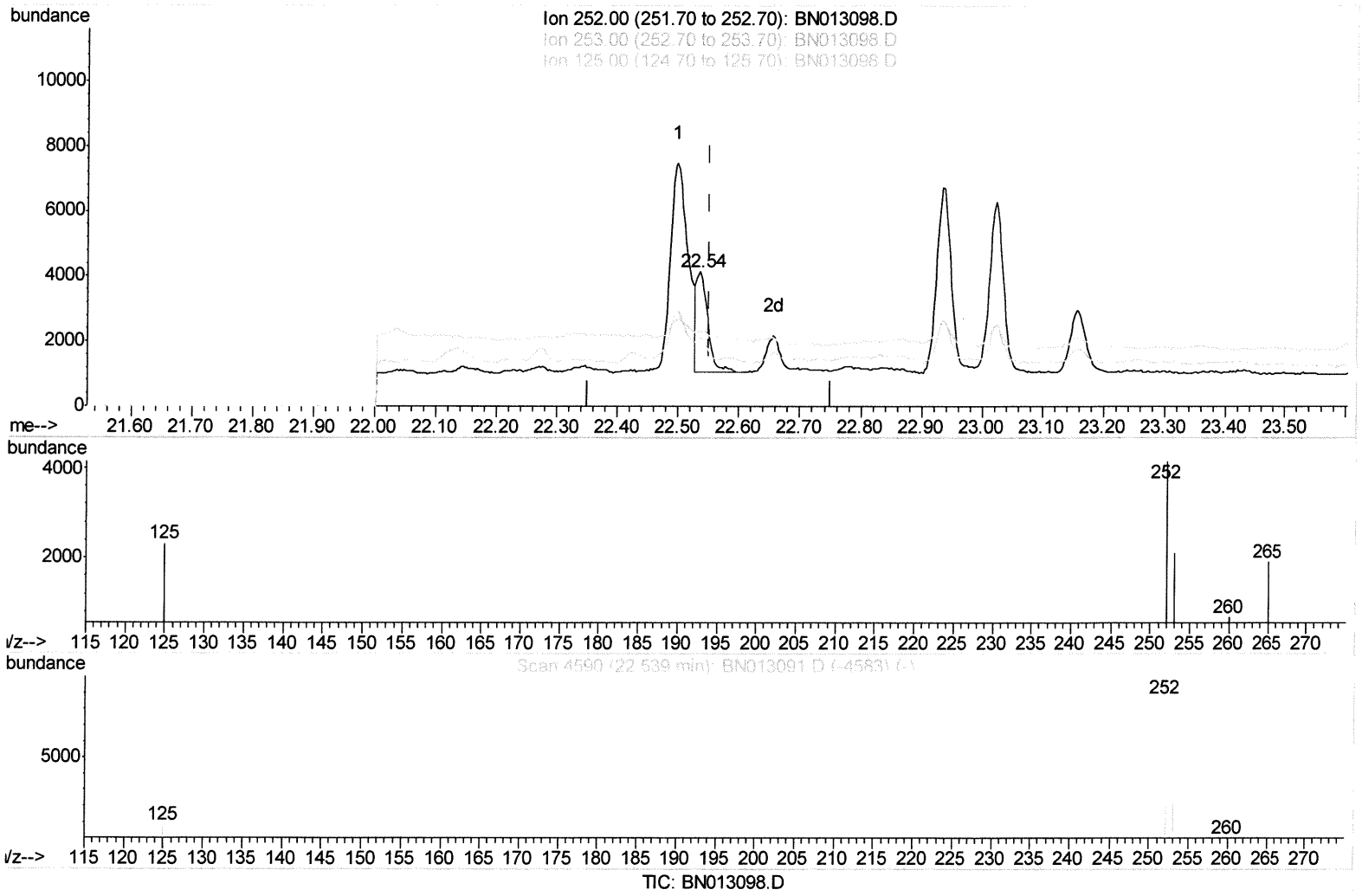
Ion	Exp%	Act%
252.00	100	100
253.00	29.30	39.05#
125.00	13.90	36.05#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013098.D
Acq On : 12 Dec 2020 19:10
Operator : CG/JU
Sample : L5063-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 14 01:32:57 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 00:25:18 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD7DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:14 PM



(22) Benzo(k)fluoranthene

22.536min (-0.015) 0.22ng/ul m

response 3944

12/28/20

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	50.46#
125.00	13.90	55.55#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121220\
Data File : BN013098.D
Acq On : 12 Dec 2020 19:10
Operator : CG/JU
Sample : L5063-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD7DL

Manual Integrations APPROVED
mohammad
12/15/2020 12:17:14 PM

Quant Time: Dec 14 01:35:02 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	843	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.13	136	3537	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.03	164	2321	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.79	188	4324	0.40	ng/ul	-0.02
16) Chrysene-d12	21.02	240	3299	0.40	ng/ul	-0.01
20) Perylene-d12	23.11	264	3484	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	215	0.04	ng/ul	-0.02
14) Fluoranthene-d10	18.84	212	440	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	8856	0.865	ng/ul	96
5) 2-Methylnaphthalene	11.80	142	40022	5.953	ng/ul	99
7) Acenaphthylene	13.75	152	2374	0.216	ng/ul#	38
8) Acenaphthene	14.09	153	2298	0.255	ng/ul	94
9) Fluorene	15.09	166	3949	0.382	ng/ul#	89
12) Phenanthrene	16.83	178	54359	3.749	ng/ul	98
13) Anthracene	16.92	178	3833m	0.311	ng/ul	98
15) Fluoranthene	18.87	202	20461	1.188	ng/ul	98
17) Pyrene	19.23	202	29179	1.873	ng/ul	99
18) Benzo(a)anthracene	21.00	228	9562	0.701	ng/ul#	75
19) Chrysene	21.05	228	10257m	0.680	ng/ul	98
21) Benzo(b)fluoranthene	22.50	252	13101m	0.813	ng/ul	98
22) Benzo(k)fluoranthene	22.54	252	3944m	0.221	ng/ul	98
23) Benzo(a)pyrene	23.02	252	8626	0.577	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.16	276	5952	0.303	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.16	278	1800	0.116	ng/ul#	1
26) Benzo(g,h,i)perylene	25.79	276	5833	0.328	ng/ul#	75

JU 12/28/20

JU 12/28/20

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