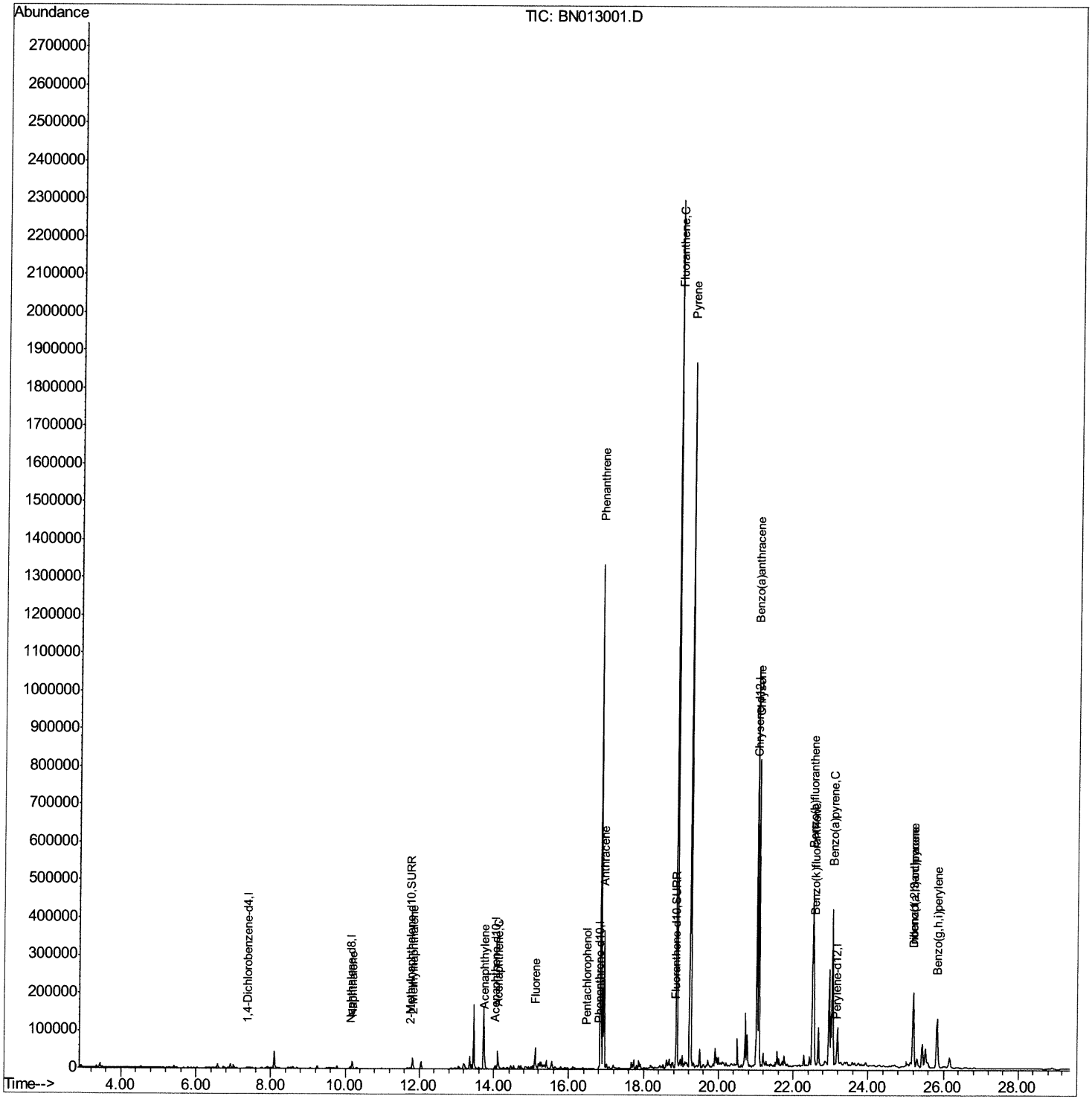
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013001.D
Acq On : 09 Dec 2020 07:41
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 09 09:12:55 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 : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BB5

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:00 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013001.D
Acq On : 09 Dec 2020 07:41
Operator : CG/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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ClientSampleId :
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Manual Integrations APPROVED
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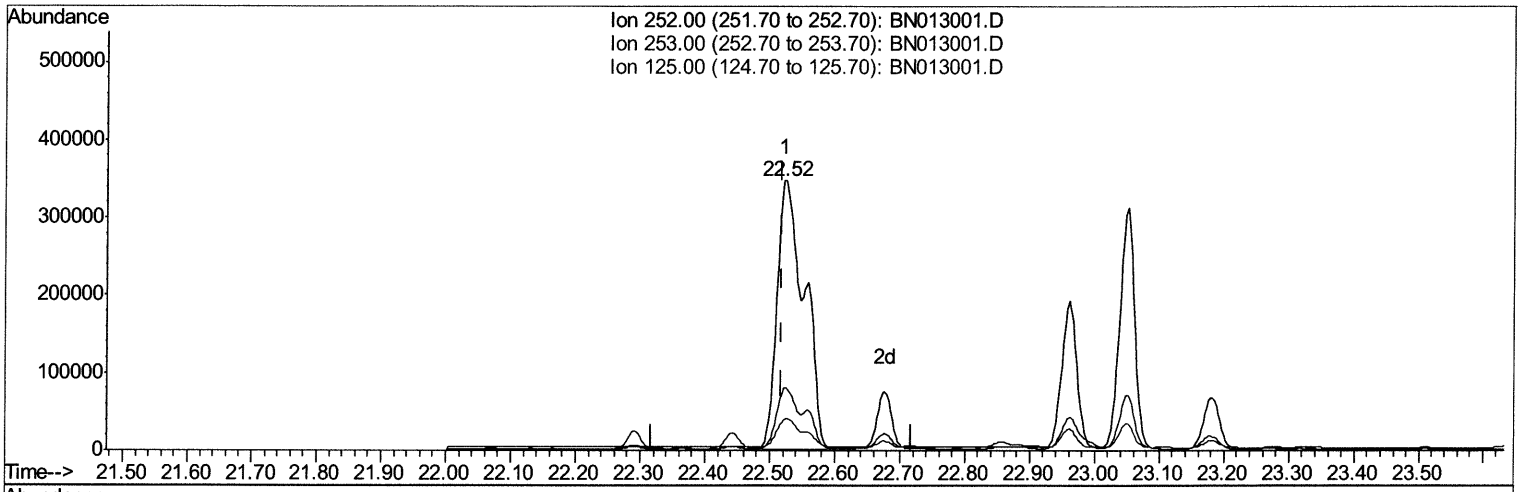
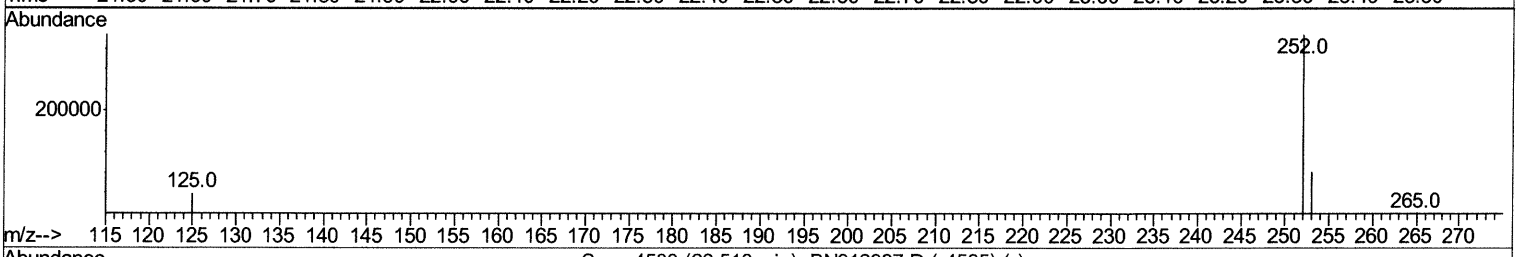
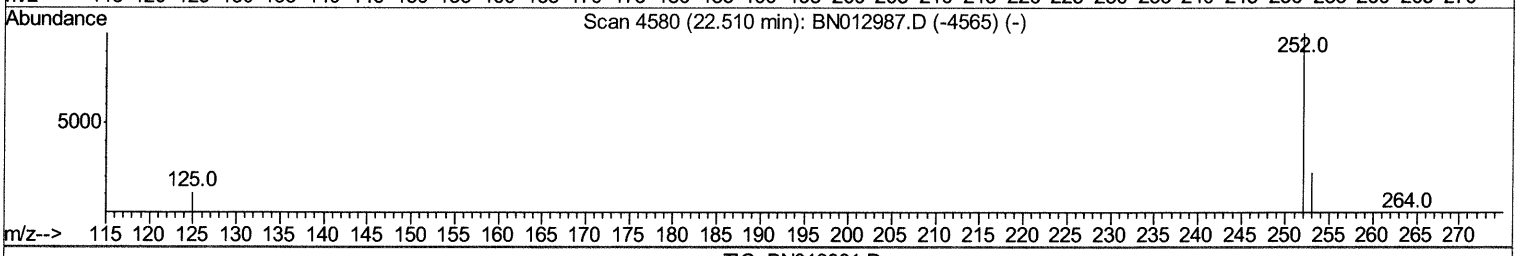
12/9/2020 12:26:00 PM







TIC: BN013001.D

(21) Benzo(b)fluoranthene

22.522min (+0.003) 42.76ng/ul

response 999336

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.16
125.00	13.00	11.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
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Misc :
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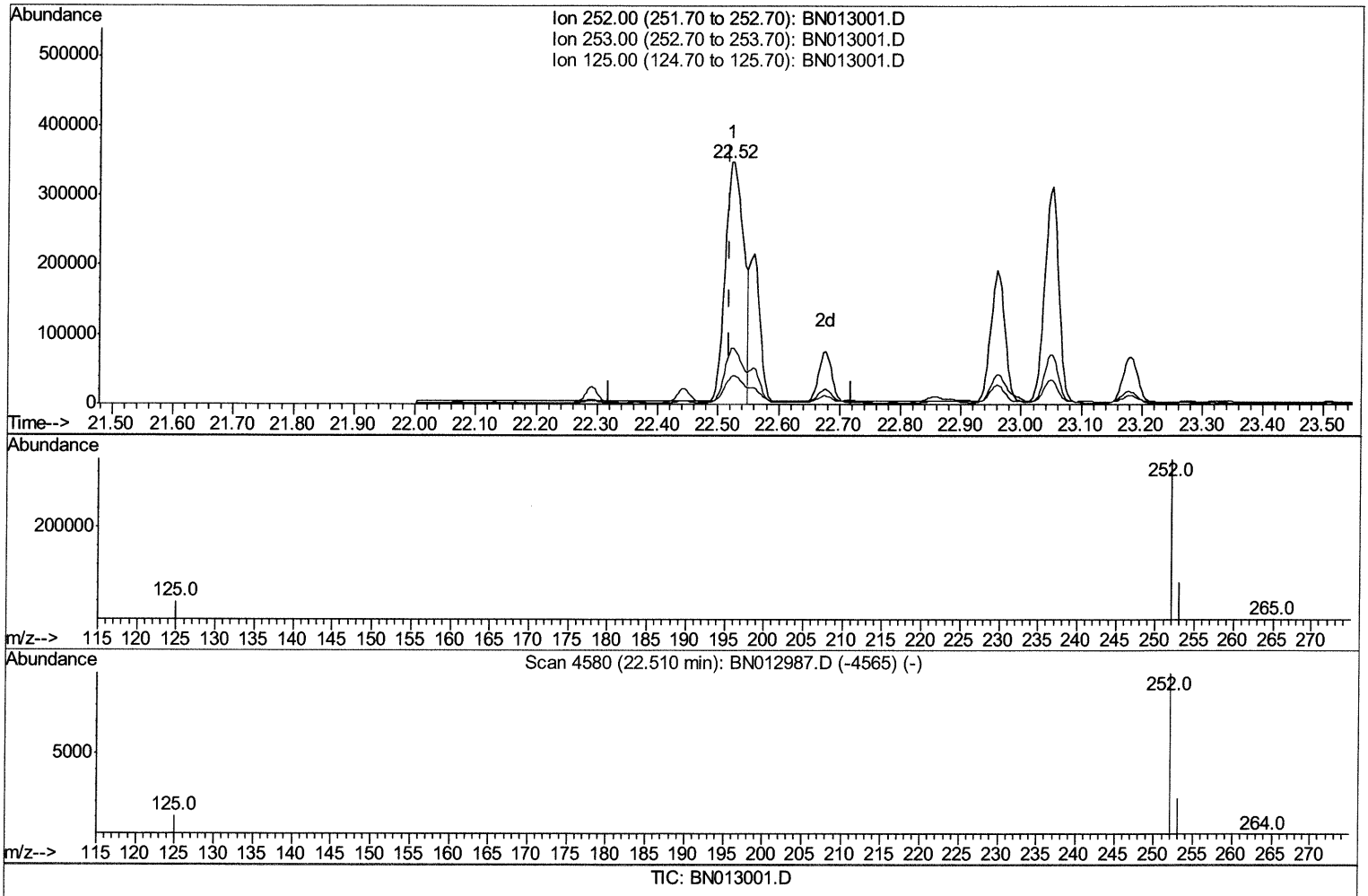
Instrument :
BNA_N
ClientSampleId :
C0BB5

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:00 PM



TIC: BN013001.D

(21) Benzo(b)fluoranthene

22.522min (+0.003) 31.65ng/ul m 12/10/2020

response 739690

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.16
125.00	13.00	11.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
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Acq On : 09 Dec 2020 07:41
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Misc :
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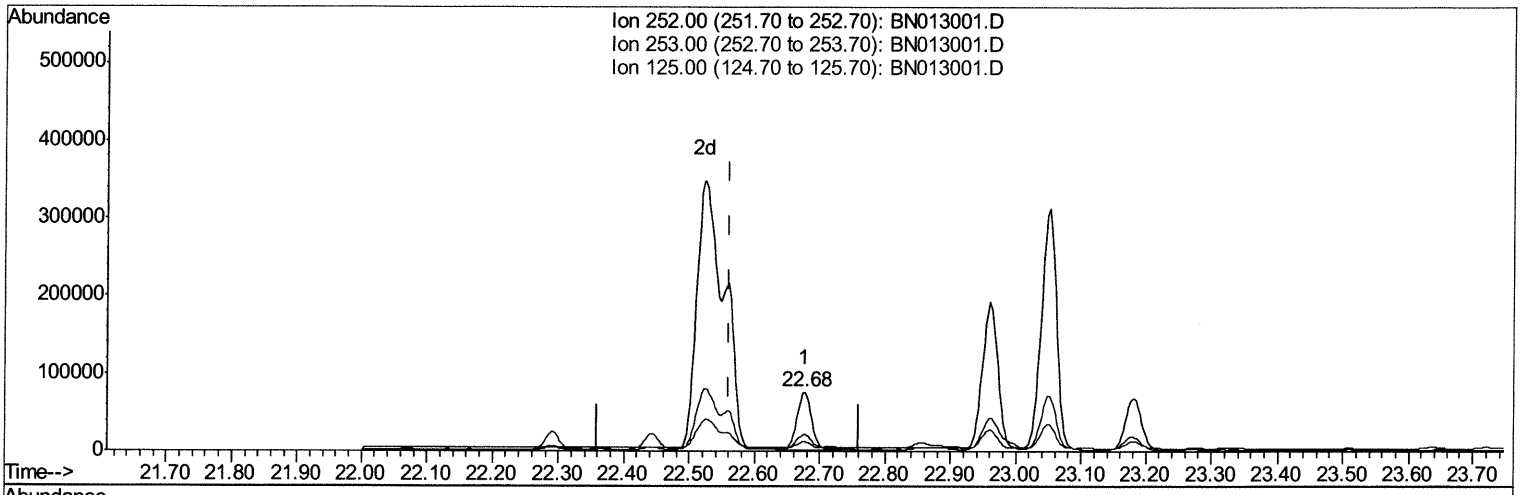
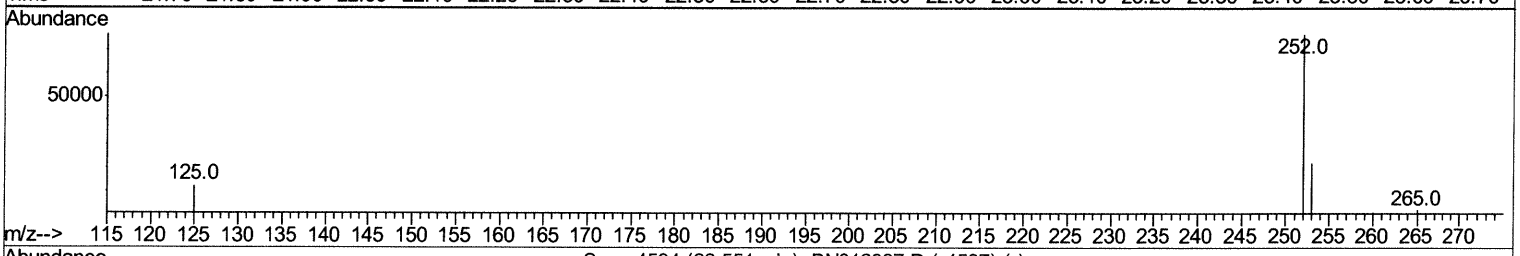
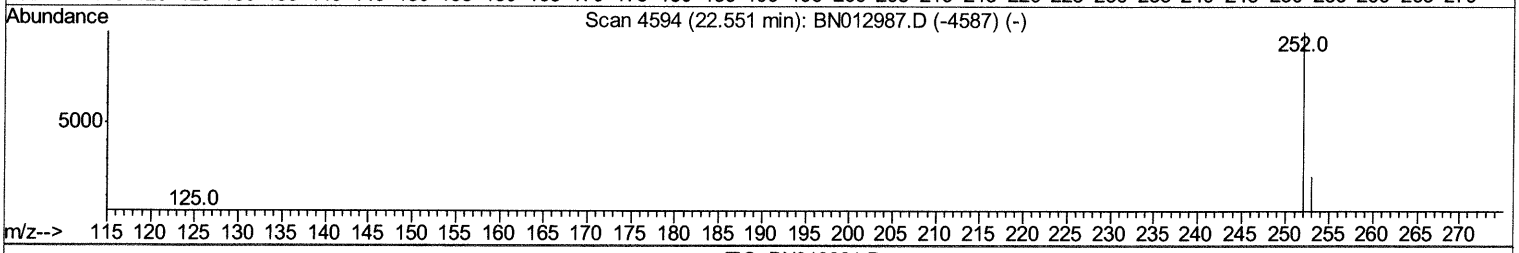
BNA_N
ClientSampleId :
C0BB5

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:00 PM







TIC: BN013001.D

(22) Benzo(k)fluoranthene

22.676min (+0.117) 4.49ng/ul

response 116120

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	28.80
125.00	13.90	15.97
0.00	0.00	0.00

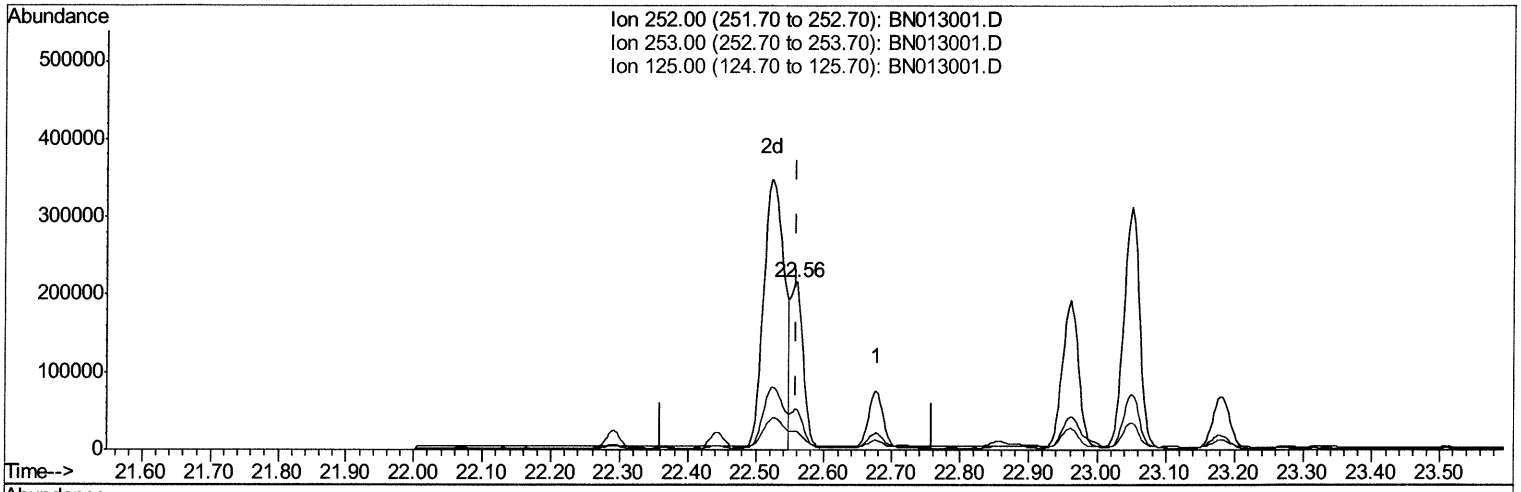
Quantitation Report (Qedit)

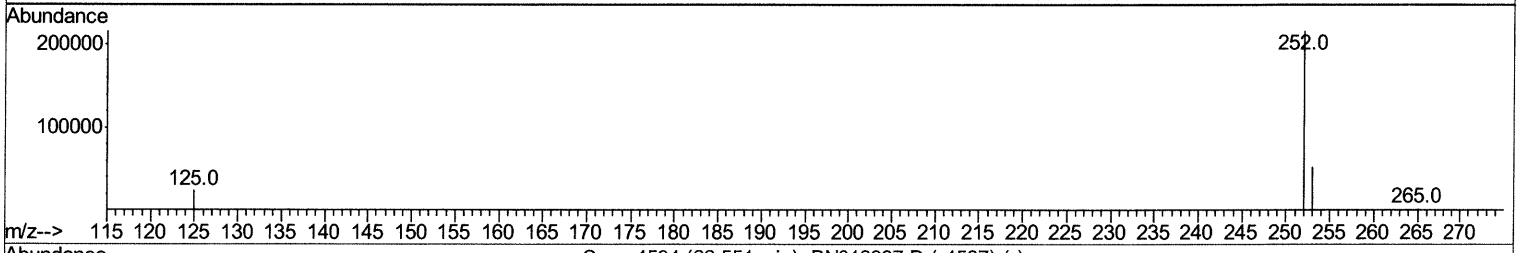
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013001.D
Acq On : 09 Dec 2020 07:41
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 71 Sample Multiplier: 1

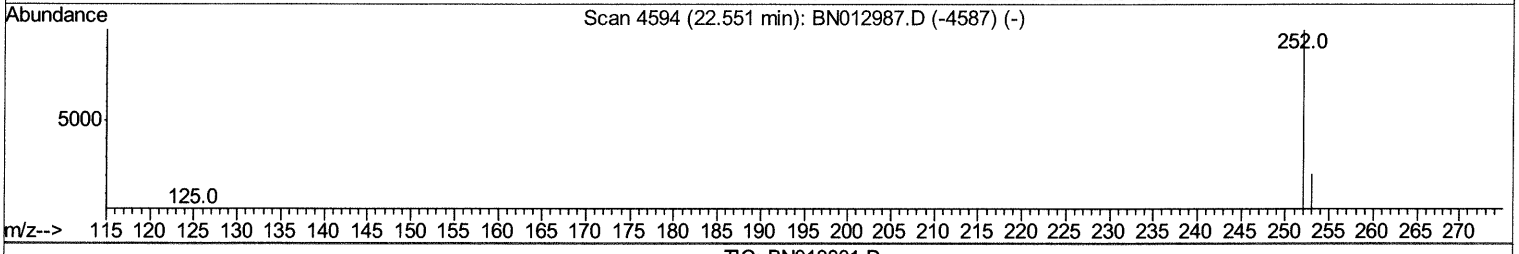
Quant Time: Dec 09 09:11:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BB5

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:00 PM







TIC: BN013001.D

(22) Benzo(k)fluoranthene

22.560min (-0.000) 10.52ng/ul m 12/10/2020

response 271845

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	24.36
125.00	13.90	11.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013001.D
Acq On : 09 Dec 2020 07:41
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 09 09:11:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Wed Dec 09 07:33:34 2020
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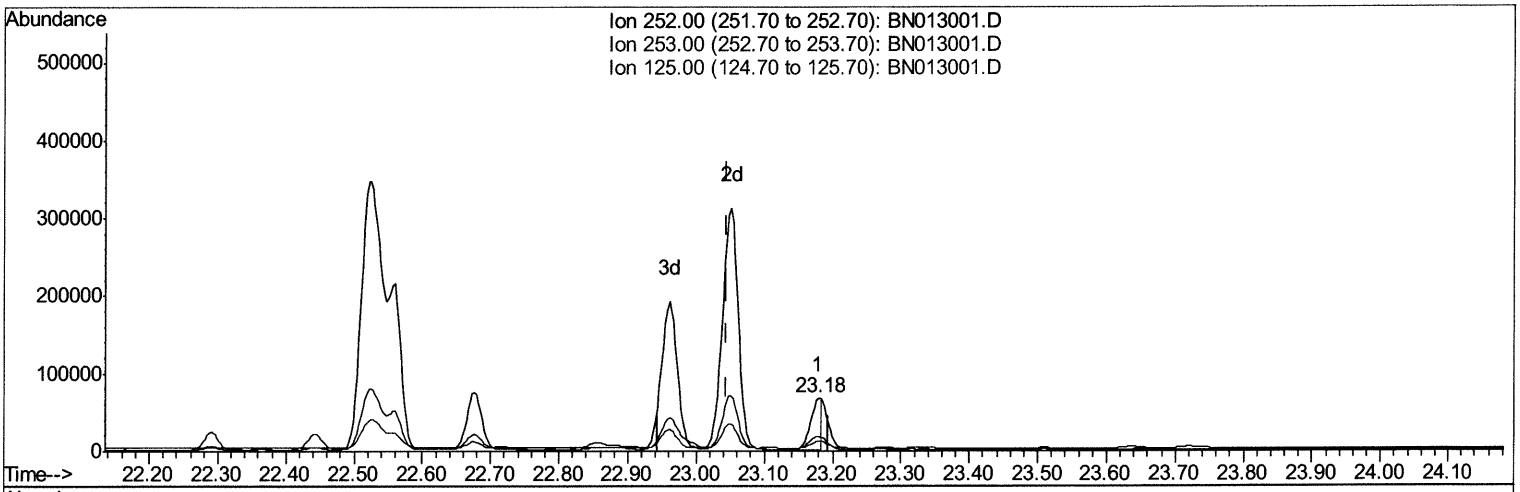
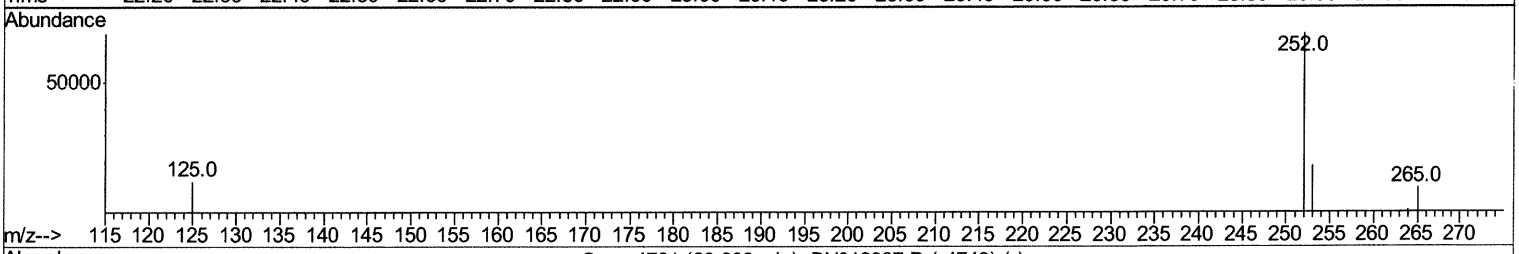
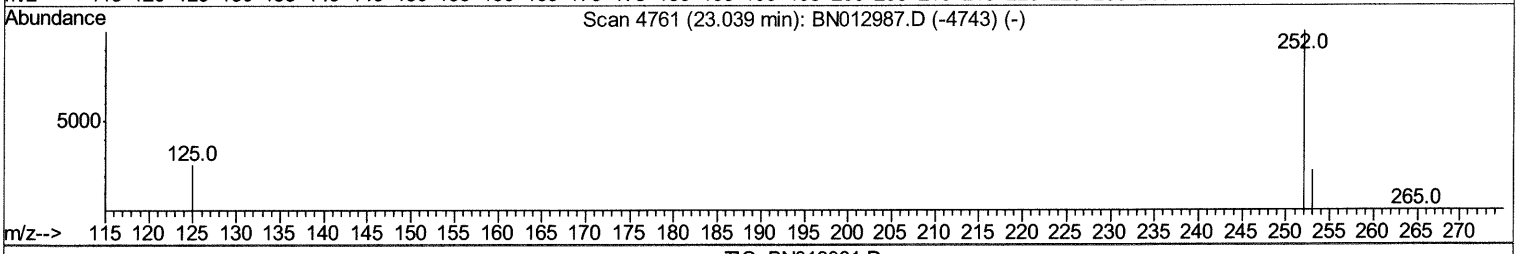
Instrument :
BNA_N
ClientSampleId :
C0BB5

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:00 PM







TIC: BN013001.D

(23) Benzo(a)pyrene (C)

23.179min (+0.134) 3.19ng/ul

response 69139

Ion	Exp%	Act%
252.00	100	100
253.00	33.10	27.34
125.00	17.70	18.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013001.D
Acq On : 09 Dec 2020 07:41
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 09 09:11:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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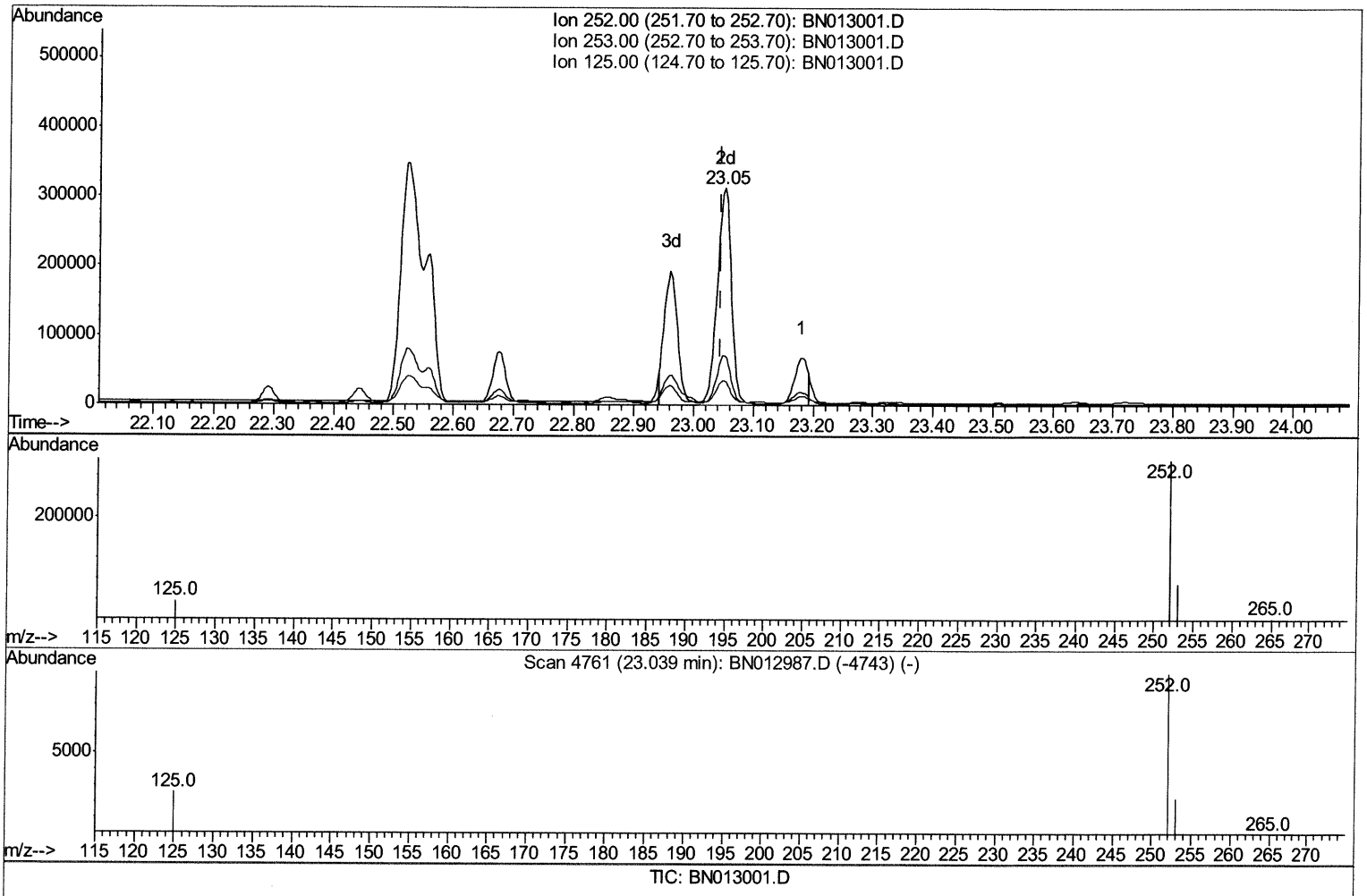
Instrument :
BNA_N
ClientSampleId :
C0BB5

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:00 PM



TIC: BN013001.D

(23) Benzo(a)pyrene (C)

23.051min (+0.006) 23.78ng/ul m 12/10/2020 JU

response 515674

Ion	Exp%	Act%
252.00	100	100
253.00	33.10	22.98#
125.00	17.70	11.38#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013001.D
Acq On : 09 Dec 2020 07:41
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BB5

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:00 PM

Quant Time: Dec 09 09:12:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Wed Dec 09 07:33:34 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1214	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	4953	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	3021	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5992	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3882	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	5052	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	1053	0.14	ng/ul	-0.02
14) Fluoranthene-d10	18.85	212	1805	0.11	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	25151	1.755	ng/ul#	90
5) 2-Methylnaphthalene	11.82	142	19656	2.088	ng/ul	99
7) Acenaphthylene	13.76	152	41277	2.887	ng/ul	95
8) Acenaphthene	14.11	153	27171	2.316	ng/ul	98
9) Fluorene	15.11	166	32637	2.425	ng/ul	98
11) Pentachlorophenol	16.47	266	182	0.105	ng/ul	97
12) Phenanthrene	16.85	178	1377344	68.558	ng/ul	96
13) Anthracene	16.94	178	352489	20.616	ng/ul	94
15) Fluoranthene	18.89	202	1937938	81.174	ng/ul	98
17) Pyrene	19.25	202	1544473	84.231	ng/ul	96
18) Benzo(a)anthracene	21.02	228	839621	52.277	ng/ul	99
19) Chrysene	21.07	228	706799	39.829	ng/ul	97
21) Benzo(b)fluoranthene	22.52	252	739690m	31.649	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	271845m	10.523	ng/ul	
23) Benzo(a)pyrene	23.05	252	515674m	23.778	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.20	276	274149	9.624	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.20	278	84321	3.742	ng/ul	96
26) Benzo(g,h,i)perylene	25.83	276	248341	9.638	ng/ul	96

12/10/2014

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