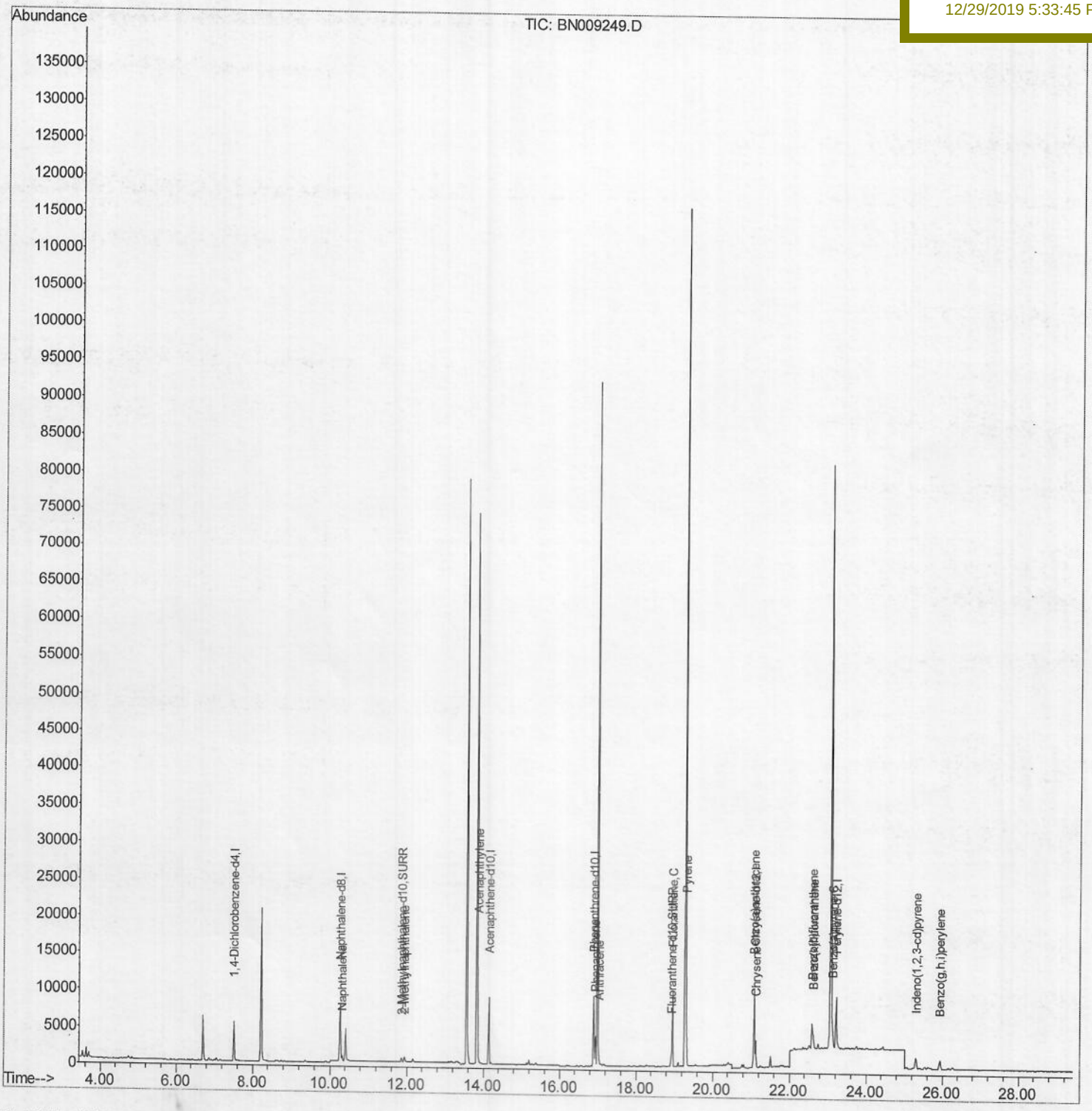
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009249.D
Acq On : 29 Dec 2019 03:40
Operator : JU
Sample : K6278-15DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 29 06:05:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C68DL

Manual Integrations APPROVED
mohammad
12/29/2019 5:33:45 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009249.D
Acq On : 29 Dec 2019 03:40
Operator : JU
Sample : K6278-15DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 29 05:42:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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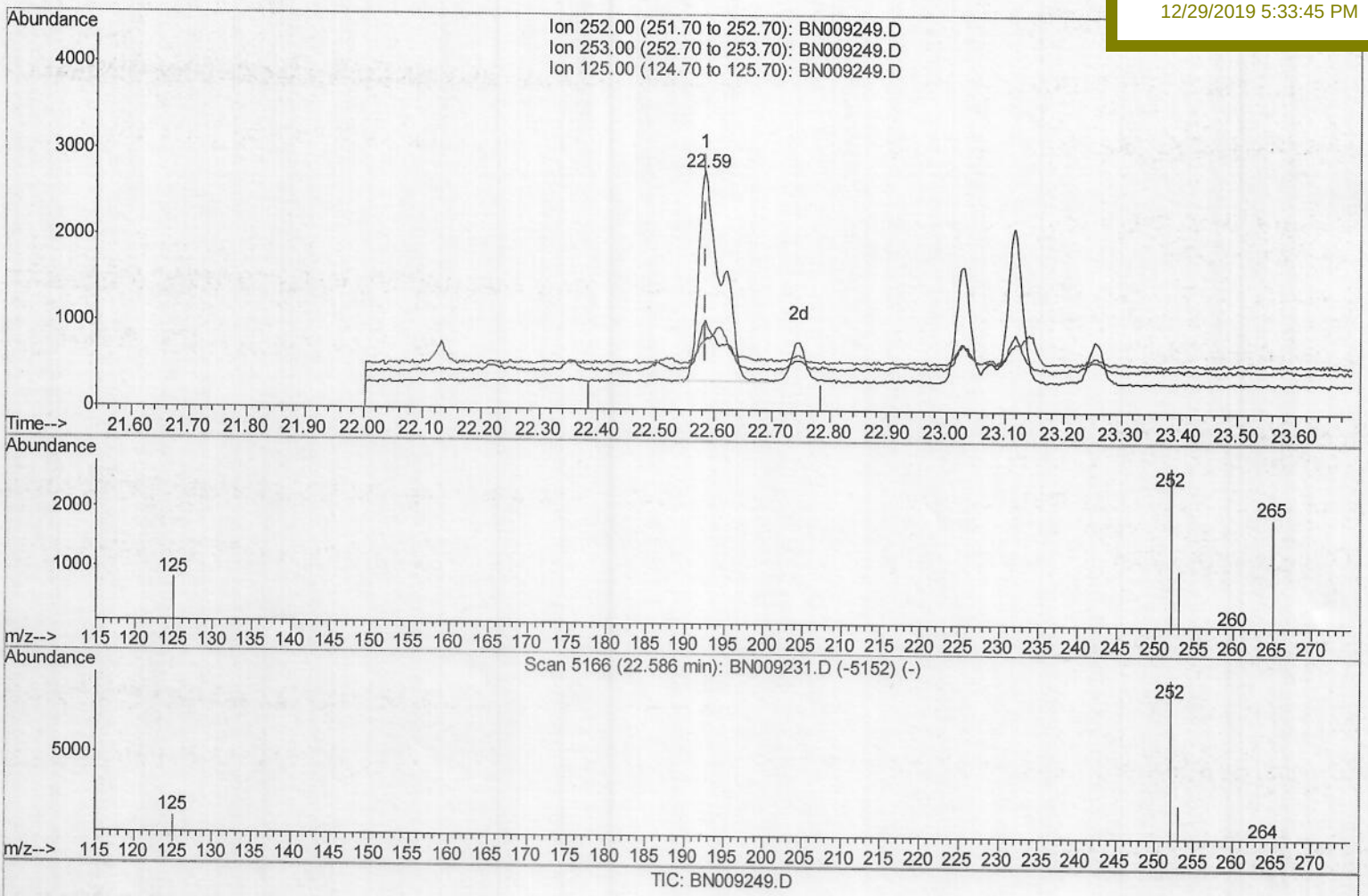
12/29/2019 5:33:45 PM



TIC: BN009249.D

(21) Benzo(b)fluoranthene

22.586min (+0.000) 0.17ng/ul

response 6601

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	37.35
125.00	15.00	29.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
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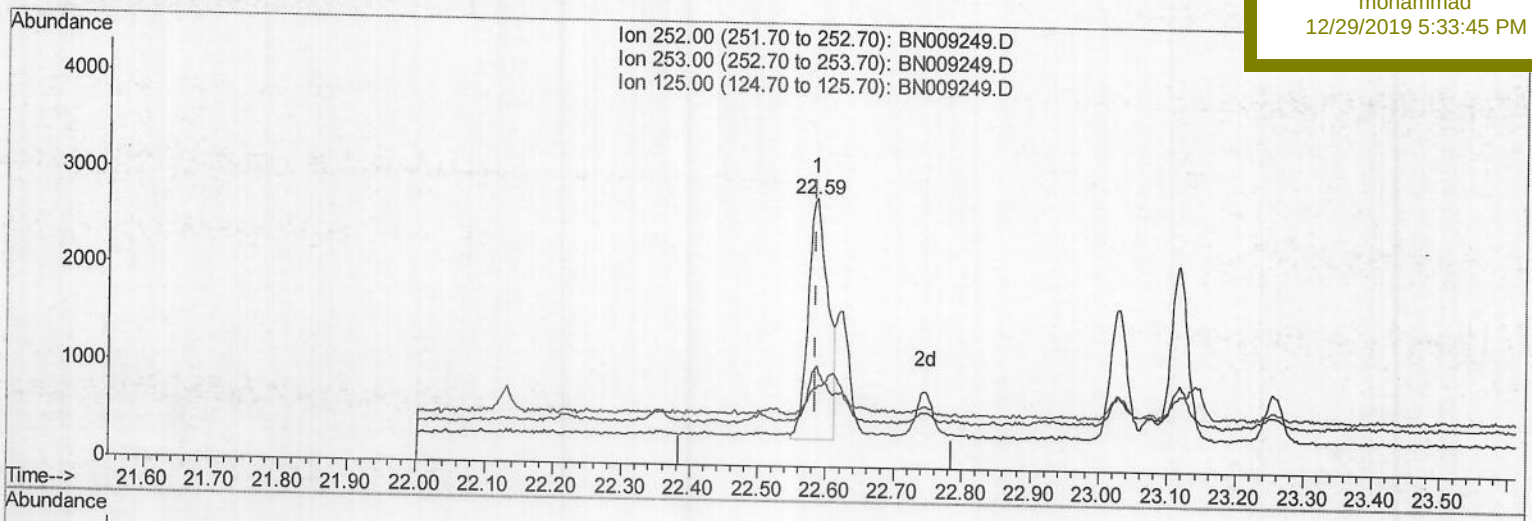
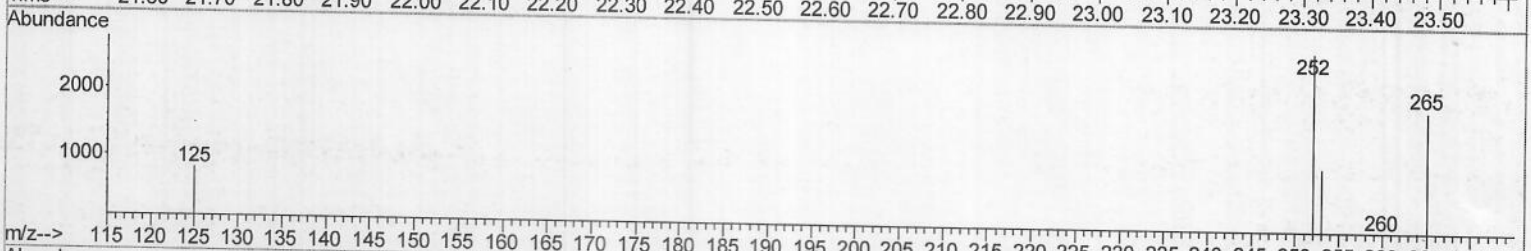
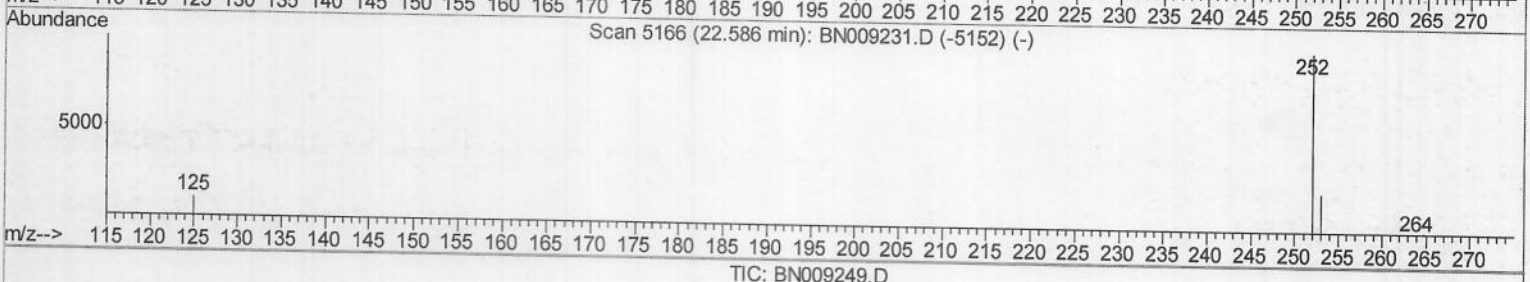
Manual Integrations APPROVED
mohammad
12/29/2019 5:33:45 PM







TIC: BN009249.D

(21) Benzo(b)fluoranthene

22.586min (+0.000) 0.13ng/ul m > JU 12/30/19

response 5000

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	37.35
125.00	15.00	29.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
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ALS Vial : 32 Sample Multiplier: 1

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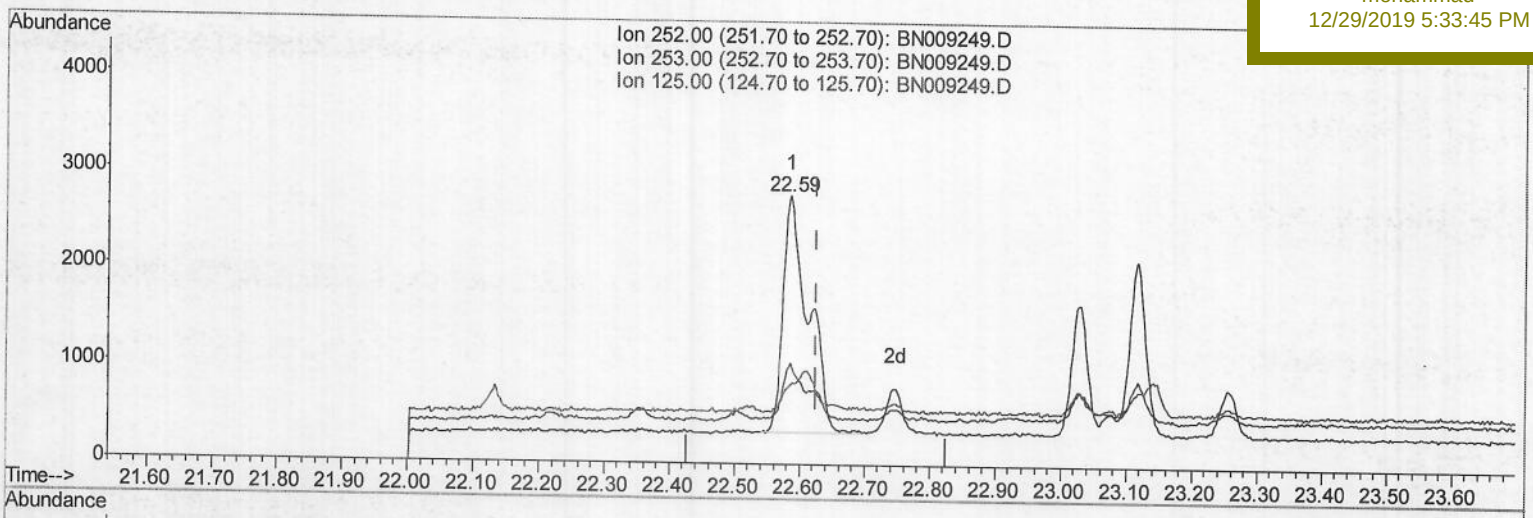
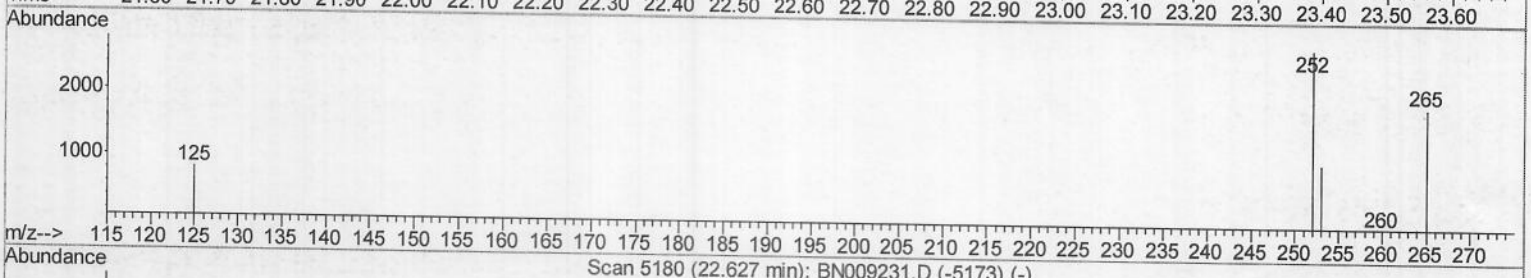
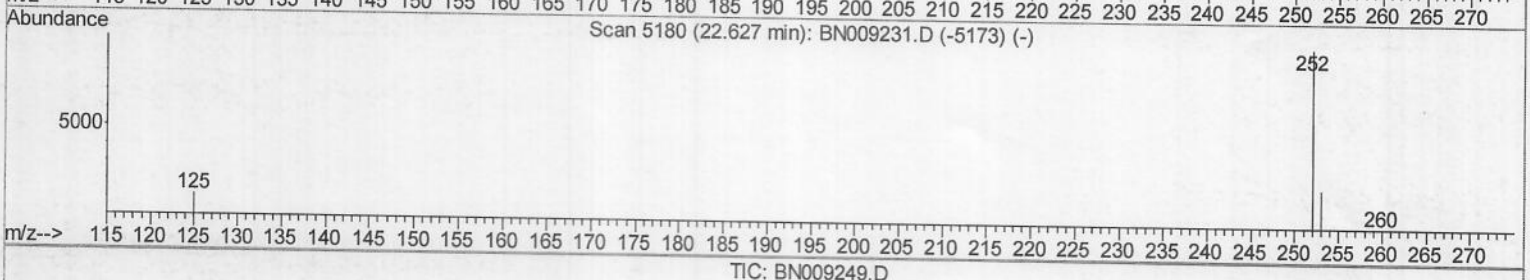
Instrument :
BNA_N
ClientSampleId :
C0C68DL

Manual Integrations APPROVED
mohammad
12/29/2019 5:33:45 PM







TIC: BN009249.D

(22) Benzo(k)fluoranthene

22.586min (-0.041) 0.17ng/ul

response 6601

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	37.35#
125.00	15.50	29.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 29 Dec 2019 03:40
Operator : JU
Sample : K6278-15DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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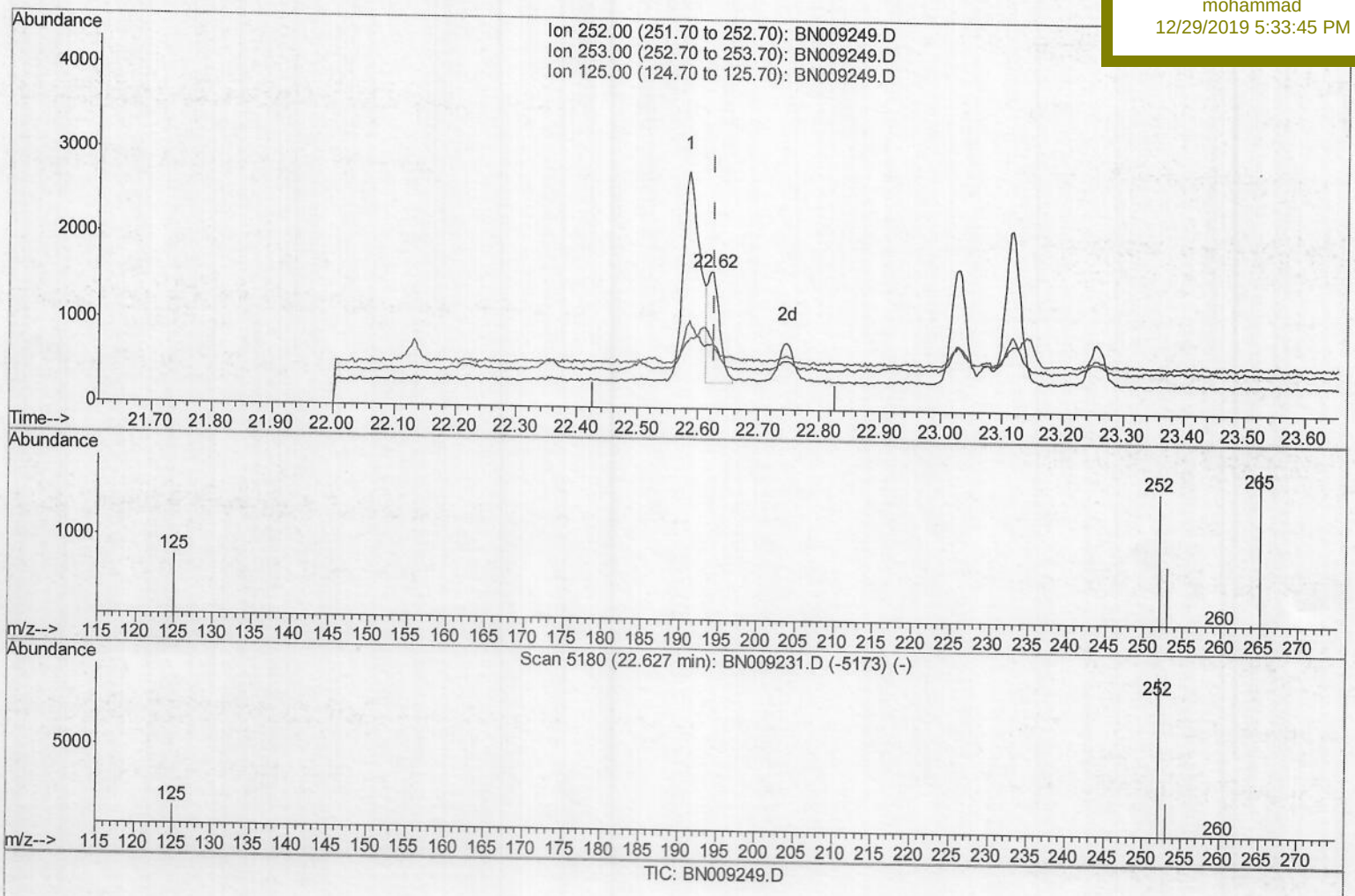
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C68DL

Manual Integrations APPROVED
mohammad
12/29/2019 5:33:45 PM



TIC: BN009249.D

(22) Benzo(k)fluoranthene

22.624min (-0.003) 0.05ng/ul m > JU 12/30/19

response 1759

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	47.48#
125.00	15.50	47.73#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009249.D
Acq On : 29 Dec 2019 03:40
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Sample : K6278-15DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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Instrument : BNA_N
ClientSampleId : C0C68DL

Manual Integrations APPROVED
mohammad
12/29/2019 5:33:45 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2683	0.40 ng/ul	0.00
2) Naphthalene-d8	10.26	136	9679	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.14	164	5026	0.40 ng/ul	0.00
10) Phenanthrene-d10	16.89	188	10206	0.40 ng/ul	0.00
16) Chrysene-d12	21.08	240	8005	0.40 ng/ul	0.00
20) Perylene-d12	23.21	264	8295	0.40 ng/ul	0.00
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	11.86	152	654	0.04 ng/ul	0.00
14) Fluoranthene-d10	18.92	212	1282	0.04 ng/ul	0.00
Target Compounds					Qvalue
3) Naphthalene	10.31	128	983	0.033 ng/ul#	82
5) 2-Methylnaphthalene	11.94	142	531	0.024 ng/ul	100
7) Acenaphthylene	13.85	152	1062	0.040 ng/ul#	86
12) Phenanthrene	16.93	178	4093	0.115 ng/ul	97
13) Anthracene	17.02	178	1167	0.037 ng/ul#	87
15) Fluoranthene	18.95	202	8176	0.201 ng/ul	96
17) Pyrene	19.31	202	7068	0.173 ng/ul	95
18) Benzo(a)anthracene	21.07	228	3751	0.106 ng/ul#	90
19) Chrysene	21.12	228	3696	0.103 ng/ul#	93
21) Benzo(b)fluoranthene	22.59	252	5000m	0.129 ng/ul	
22) Benzo(k)fluoranthene	22.62	252	1759m	0.045 ng/ul	
23) Benzo(a)pyrene	23.12	252	3127	0.092 ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	25.30	276	2234	0.060 ng/ul#	88
26) Benzo(g,h,i)perylene	25.93	276	2267	0.073 ng/ul#	81

JU 12/30/19

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