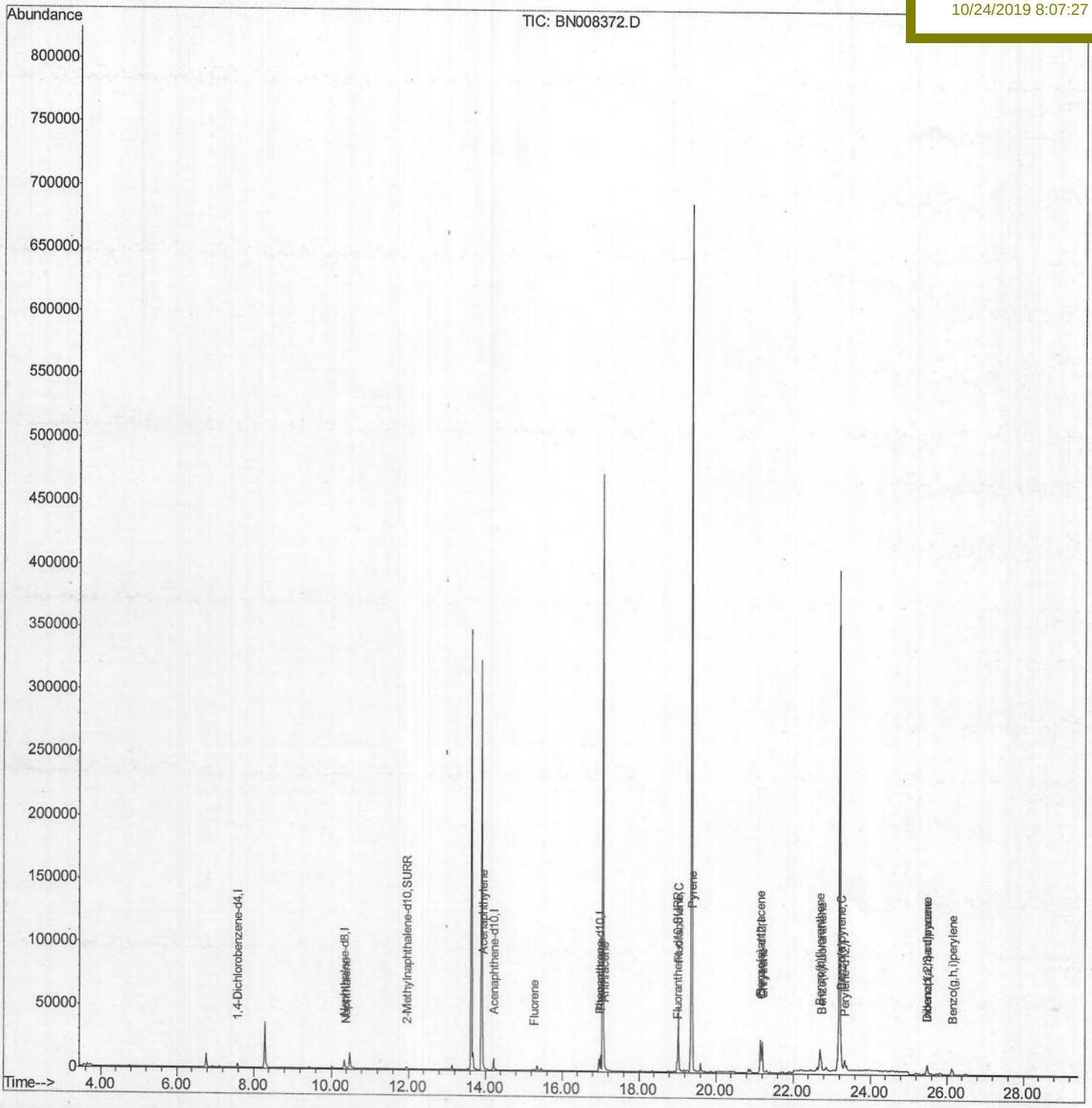
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008372.D
Acq On : 24 Oct 2019 04:41
Operator : JU
Sample : K5235-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Oct 24 05:58:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPK9

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:27 AM



Quantitation Report (Qedit)

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Data File : BN008372.D
Acq On : 24 Oct 2019 04:41
Operator : JU
Sample : K5235-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Oct 24 05:56:03 2019
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QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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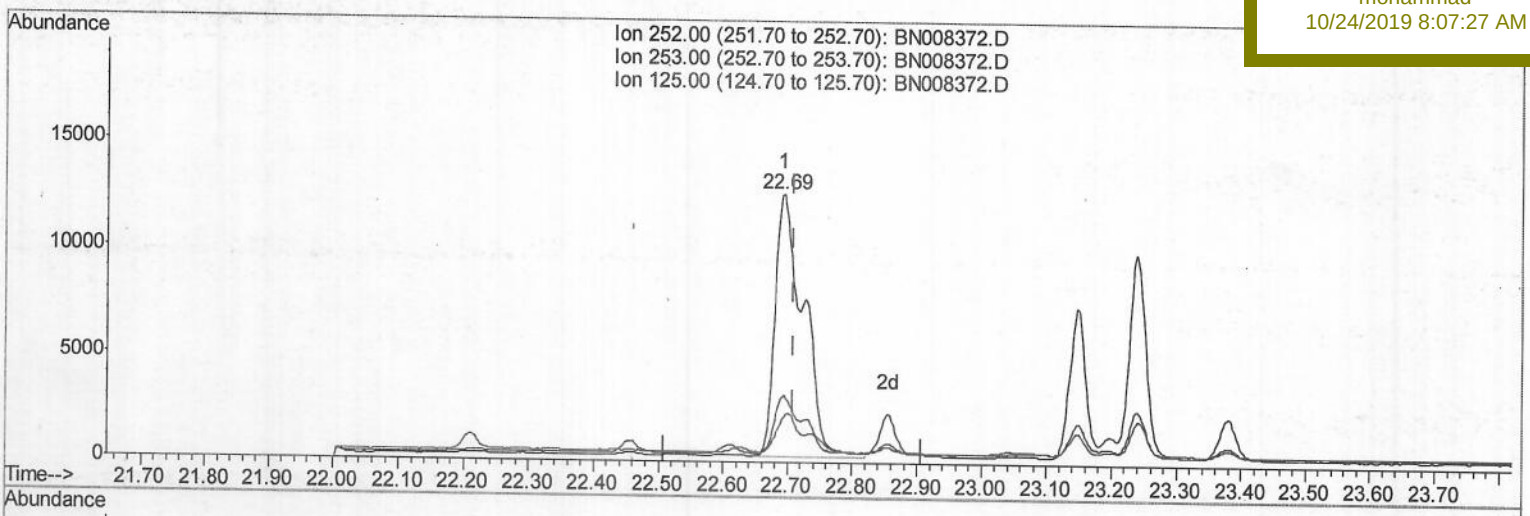
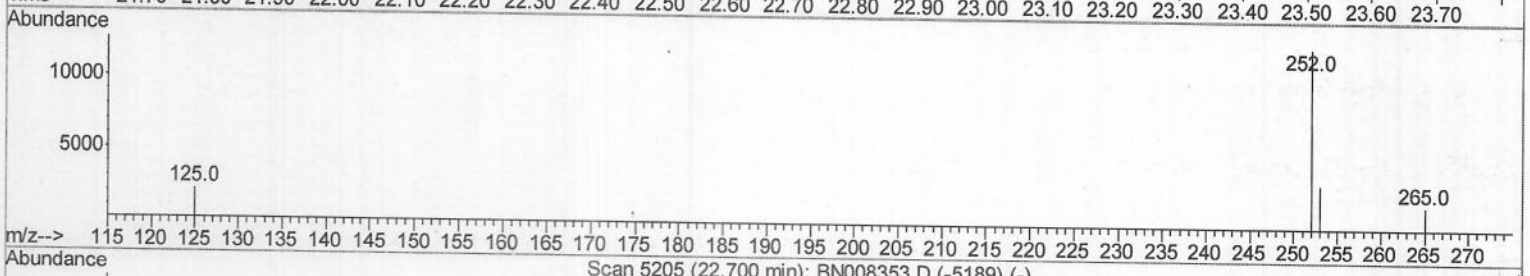
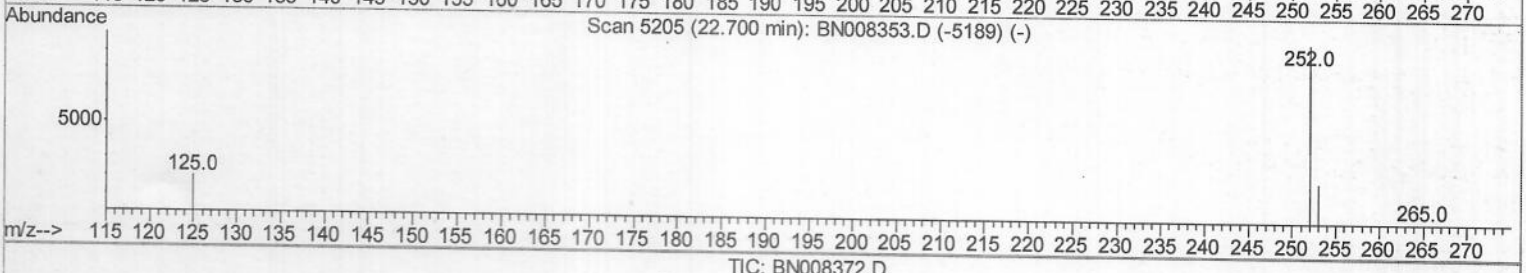
Manual Integrations APPROVED
mohammad
10/24/2019 8:07:27 AM







(21) Benzo(b)fluoranthene

22.694min (-0.015) 1.26ng/ul

response 38002

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.40
125.00	16.20	17.26
0.00	0.00	0.00

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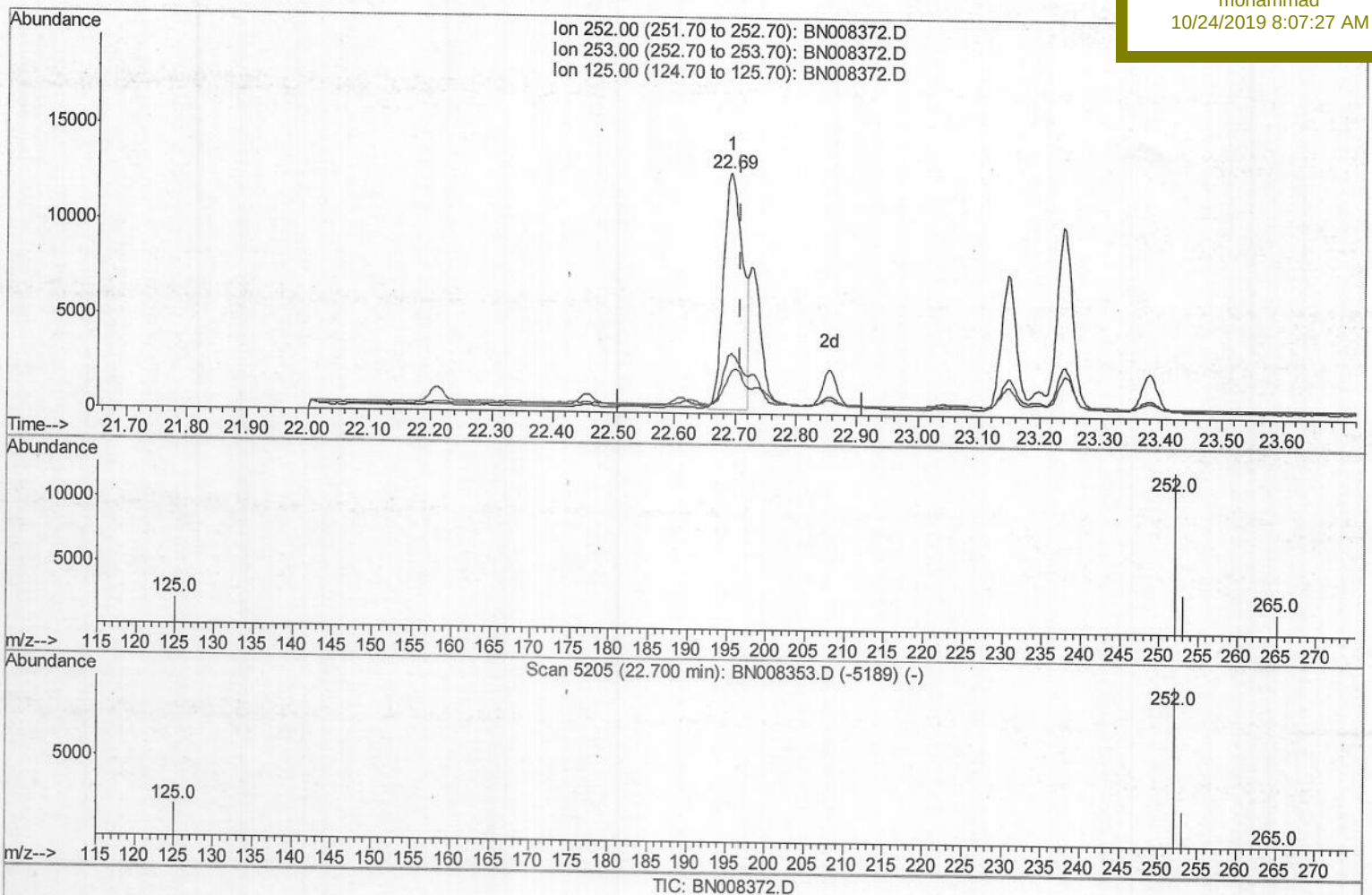

TIC: BN008372.D

(21) Benzo(b)fluoranthene

22.694min (-0.015) 0.91ng/ul m JU 10/25/19

response 27457

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.40
125.00	16.20	17.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
mohammad
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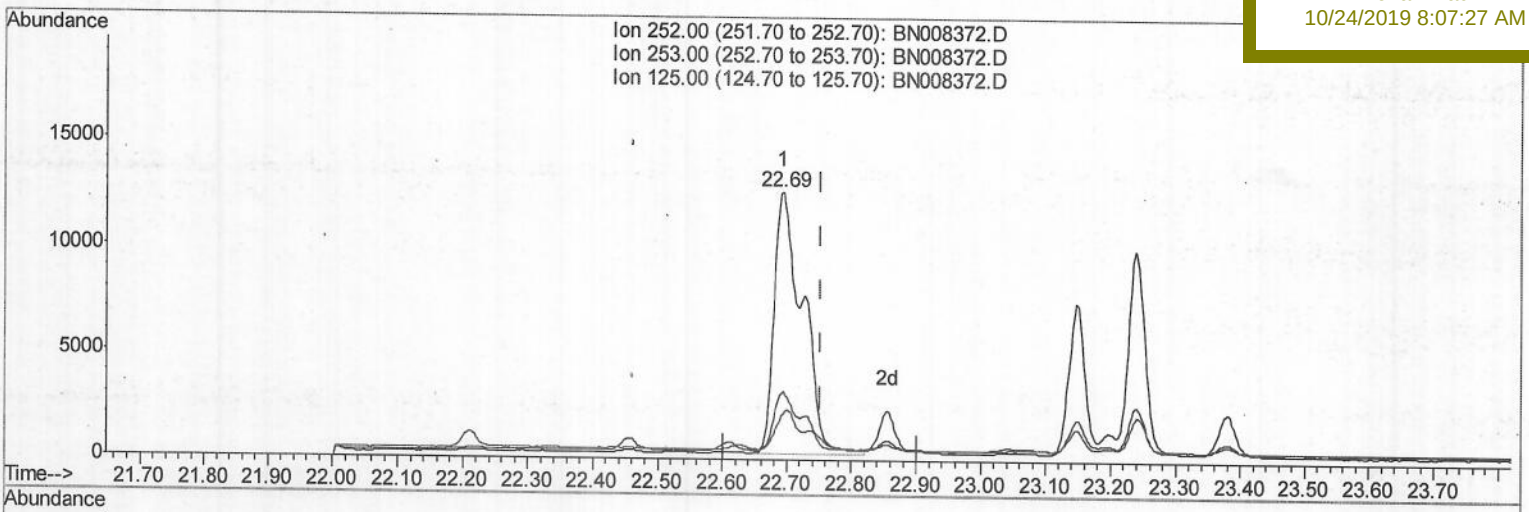

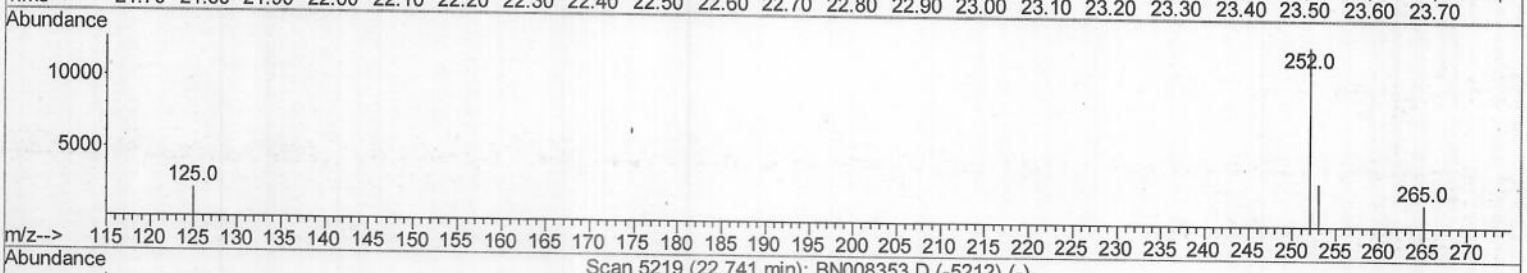

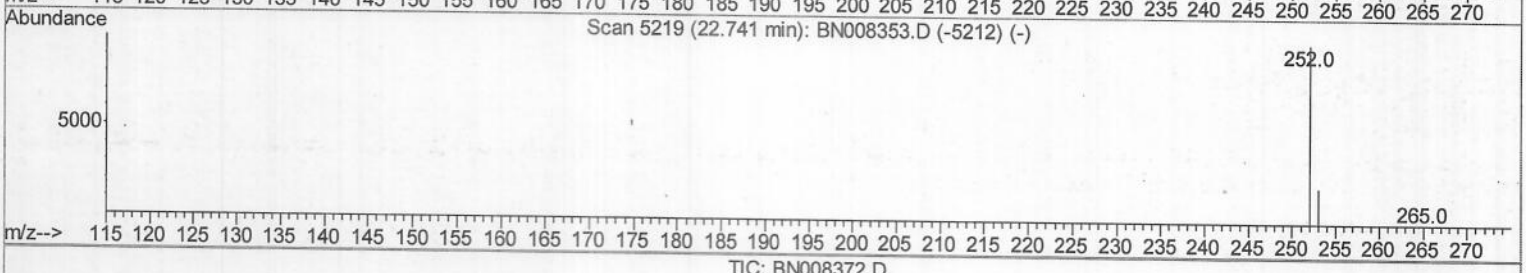

TIC: BN008372.D

(22) Benzo(k)fluoranthene

22.694min (-0.058) 1.11ng/ul

response 38002

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.40
125.00	15.40	17.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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QLast Update : Wed Oct 23 14:07:55 2019
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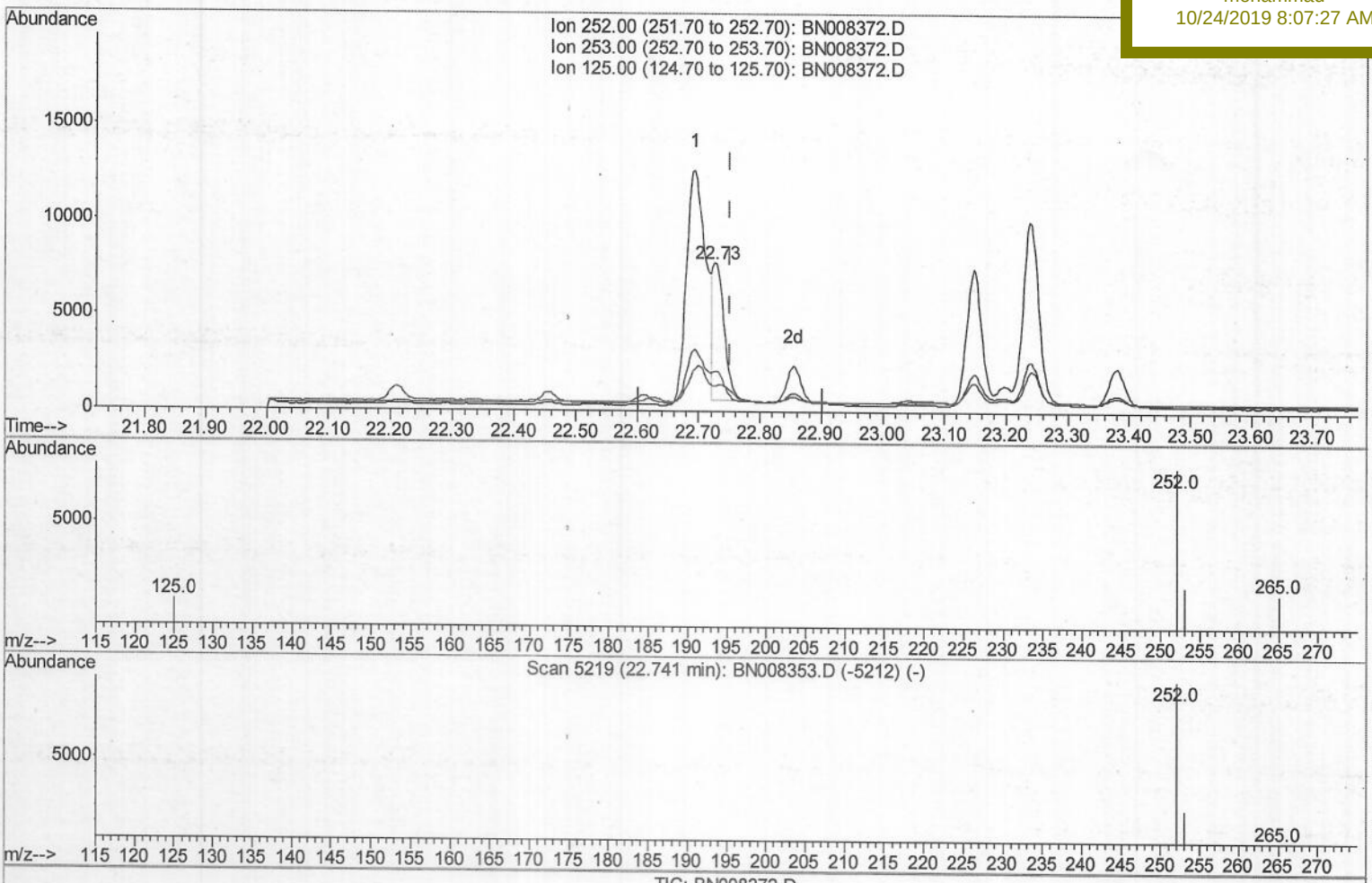
Instrument :
BNA_N
ClientSampleId :
BEPK9

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:27 AM



(22) Benzo(k)fluoranthene

22.726min (-0.026) 0.27ng/ul m) JU 10/25/19

response 9371

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.80
125.00	15.40	17.21
0.00	0.00	0.00

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Manual Integrations APPROVED
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10/24/2019 8:07:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1775	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	8688	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5444	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12050	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10902	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9277	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	2434	0.17	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	7525	0.18	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.38	128	585	0.024	ng/ul#	69
7) Acenaphthylene	13.98	152	2328	0.090	ng/ul#	94
9) Fluorene	15.27	166	579	0.025	ng/ul#	92
12) Phenanthrene	17.00	178	13965	0.396	ng/ul	100
13) Anthracene	17.09	178	3304	0.106	ng/ul	95
15) Fluoranthene	19.03	202	44912	0.964	ng/ul	99
17) Pyrene	19.39	202	40984	0.944	ng/ul	98
18) Benzo(a)anthracene	21.15	228	20982	0.529	ng/ul	96
19) Chrysene	21.20	228	24917	0.512	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	27457m	0.909	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	9371m	0.274	ng/ul	
23) Benzo(a)pyrene	23.24	252	17202	0.541	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.48	276	11373	0.304	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.49	278	3282	0.111	ng/ul#	84
26) Benzo(g,h,i)perylene	26.14	276	10740	0.313	ng/ul	97

JU 10/25/19

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