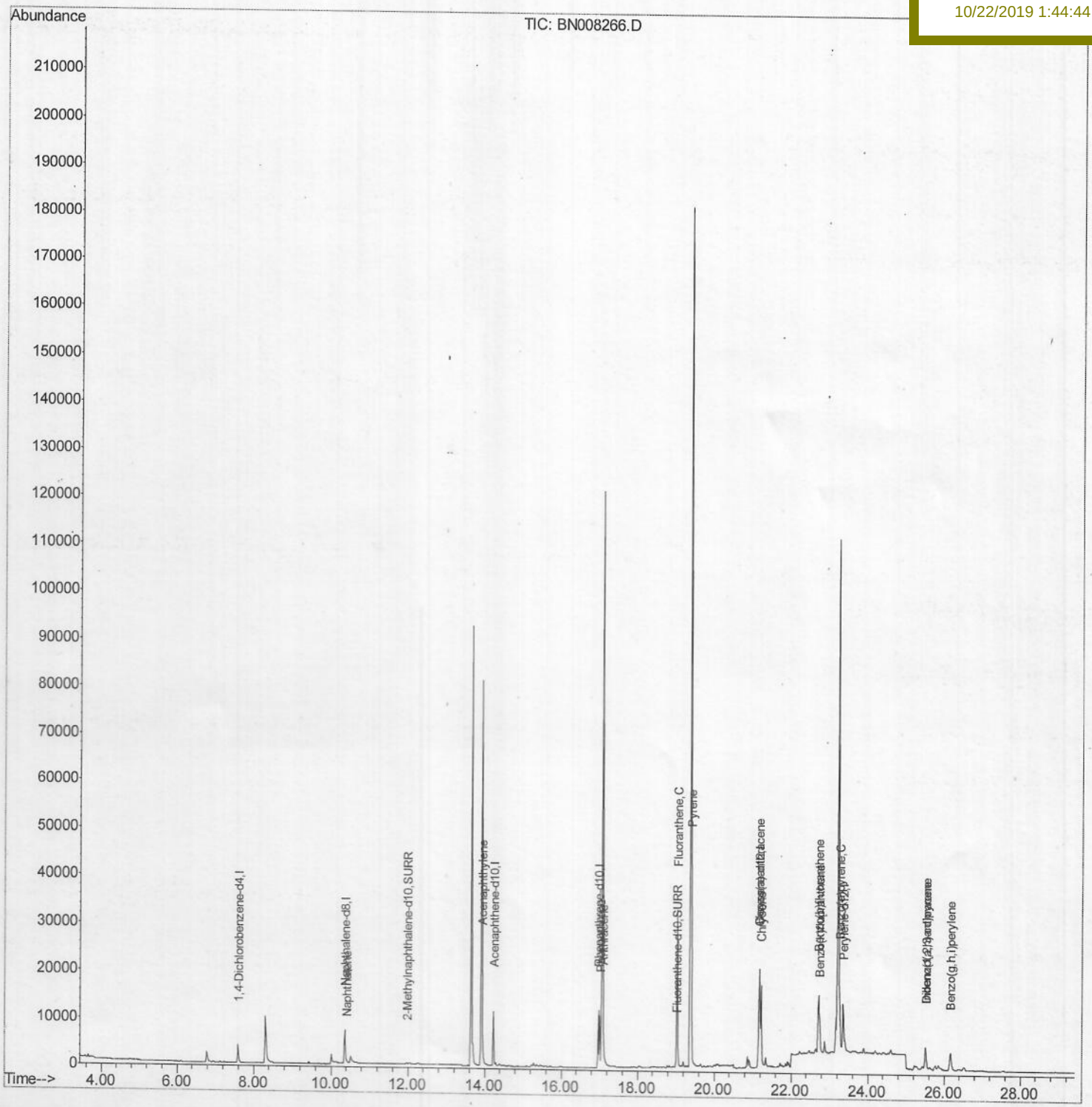
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101919\
Data File : BN008266.D
Acq On : 19 Oct 2019 12:52
Operator : JU
Sample : K5177-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 21 15:15:01 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 : Sat Oct 19 22:25:11 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP97DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:44:44 AM



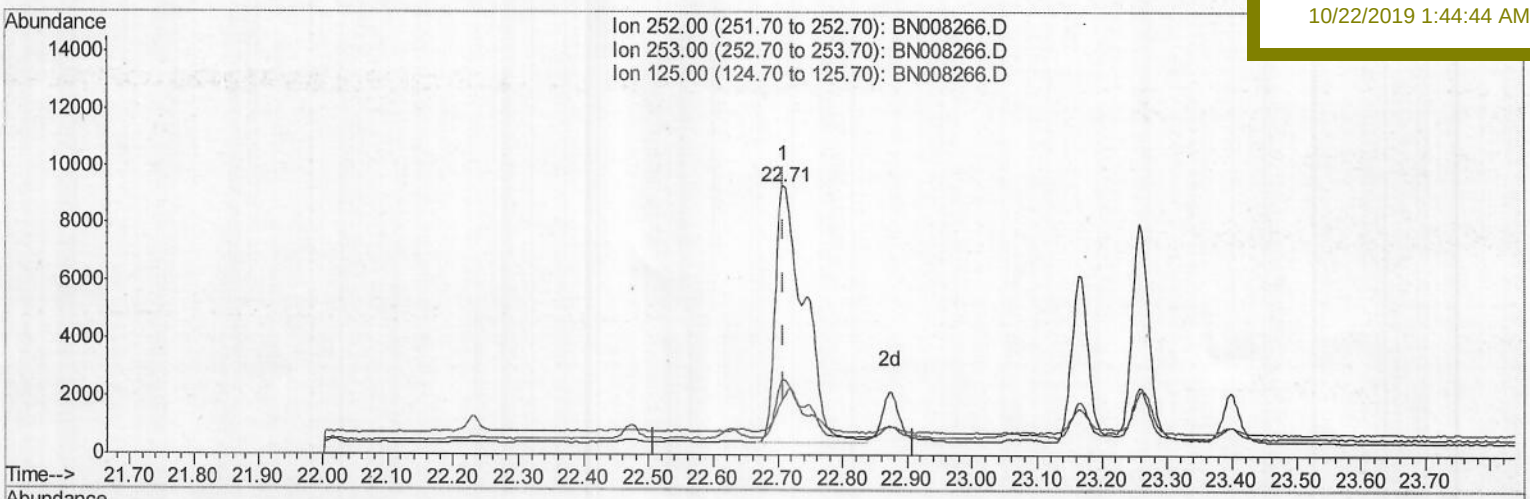
Quantitation Report (Qedit)

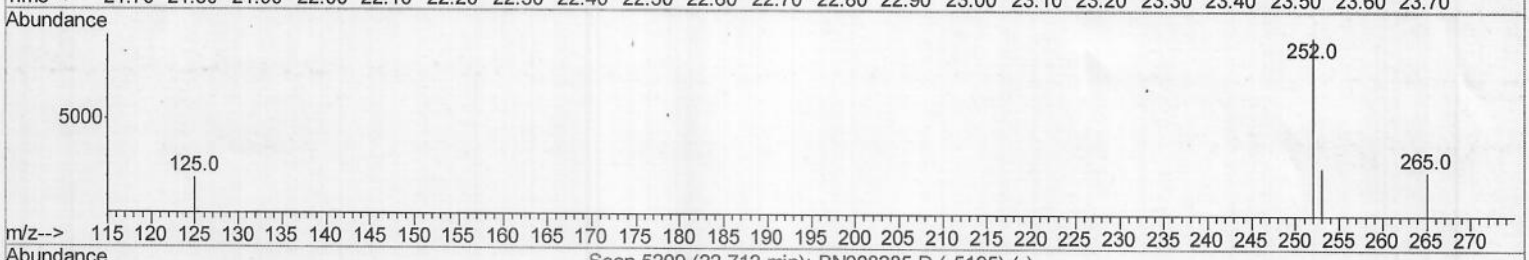
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101919\
Data File : BN008266.D
Acq On : 19 Oct 2019 12:52
Operator : JU
Sample : K5177-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

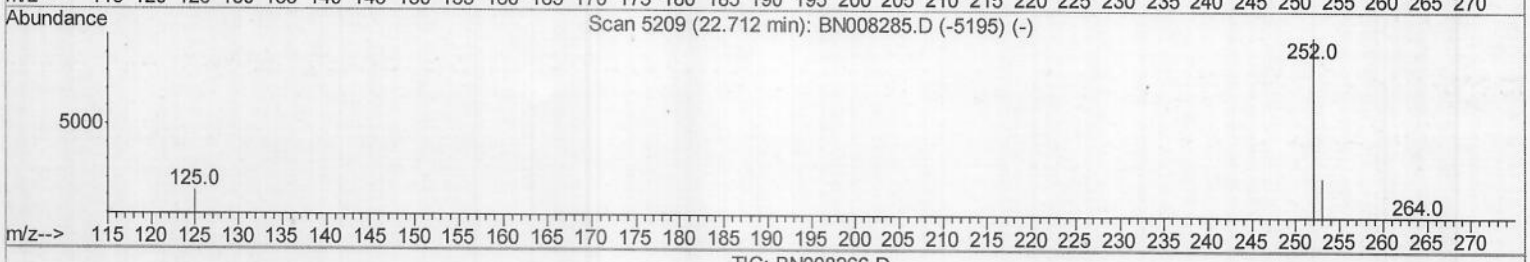
Quant Time: Oct 22 02:55:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP97DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:44:44 AM







TIC: BN008266.D

(21) Benzo(b)fluoranthene

22.709min (+0.000) 0.74ng/ul

response 27765

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	27.82
125.00	16.20	21.12
0.00	0.00	0.00

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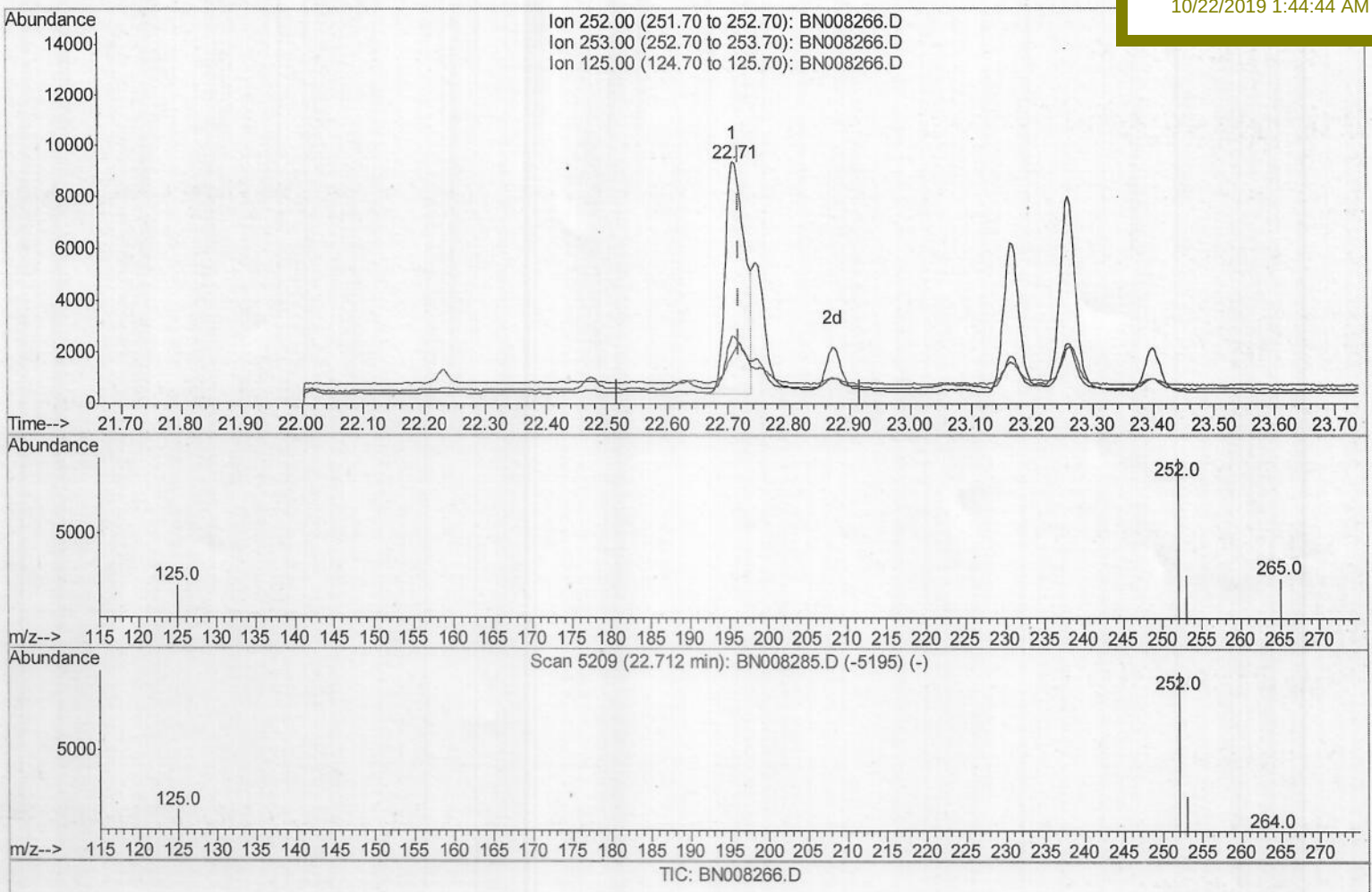
10/22/2019 1:44:44 AM



TIC: BN008266.D

(21) Benzo(b)fluoranthene

22.709min (-0.009) 0.46ng/ul m > JU 10/21/19

response 20186

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	27.82
125.00	16.20	21.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101919\
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ClientSampleId :
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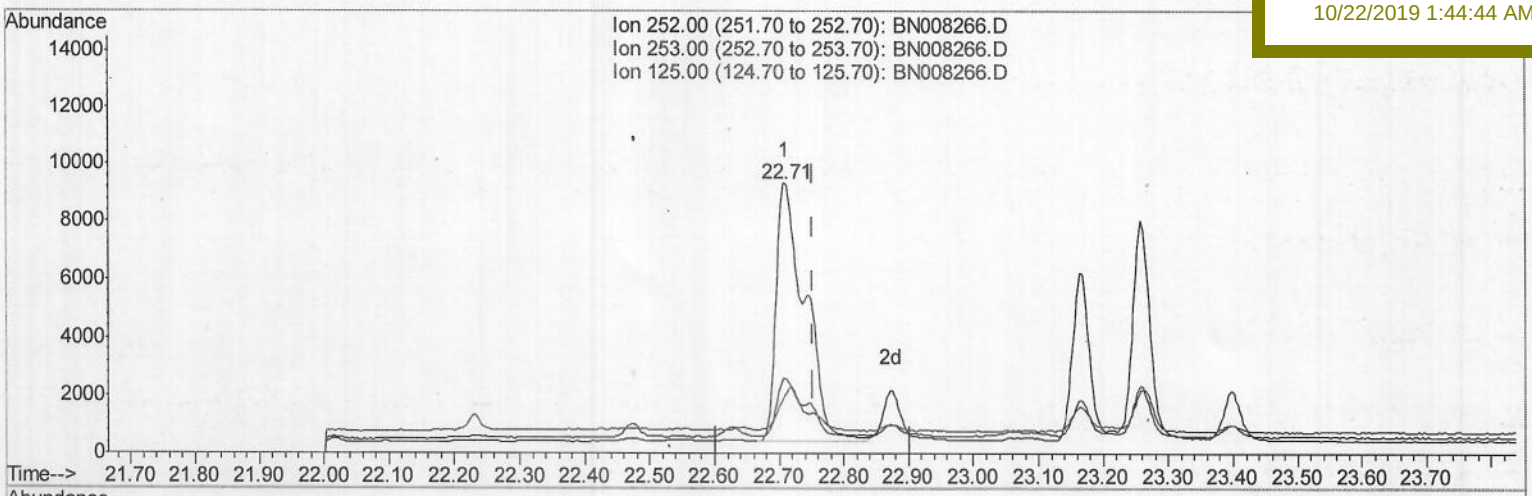
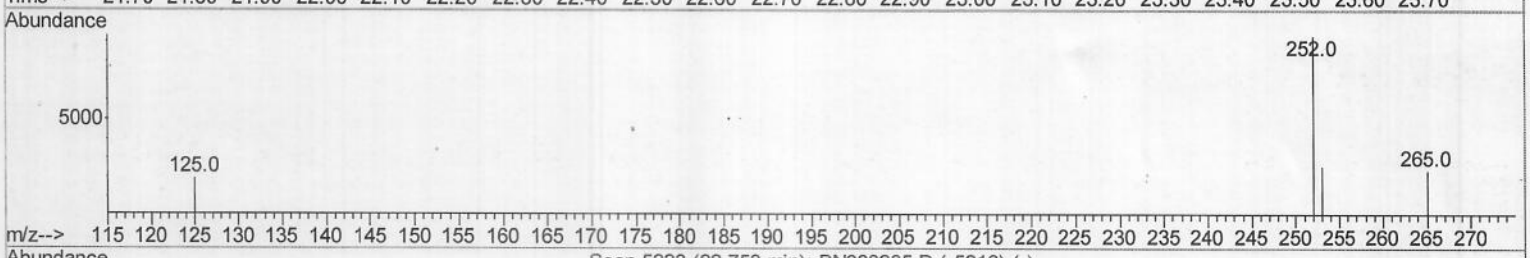
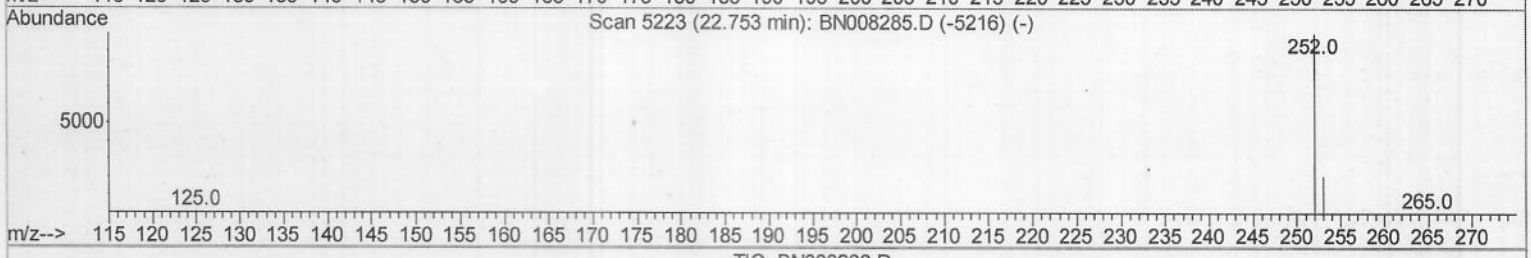
Manual Integrations APPROVED
mohammad
10/22/2019 1:44:44 AM







TIC: BN008266.D

(22) Benzo(k)fluoranthene

22.709min (-0.044) 0.65ng/ul

response 27765

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.82
125.00	15.40	21.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : K5177-08DL 5X
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Quant Time: Oct 21 15:15:01 2019
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QLast Update : Sat Oct 19 22:25:11 2019
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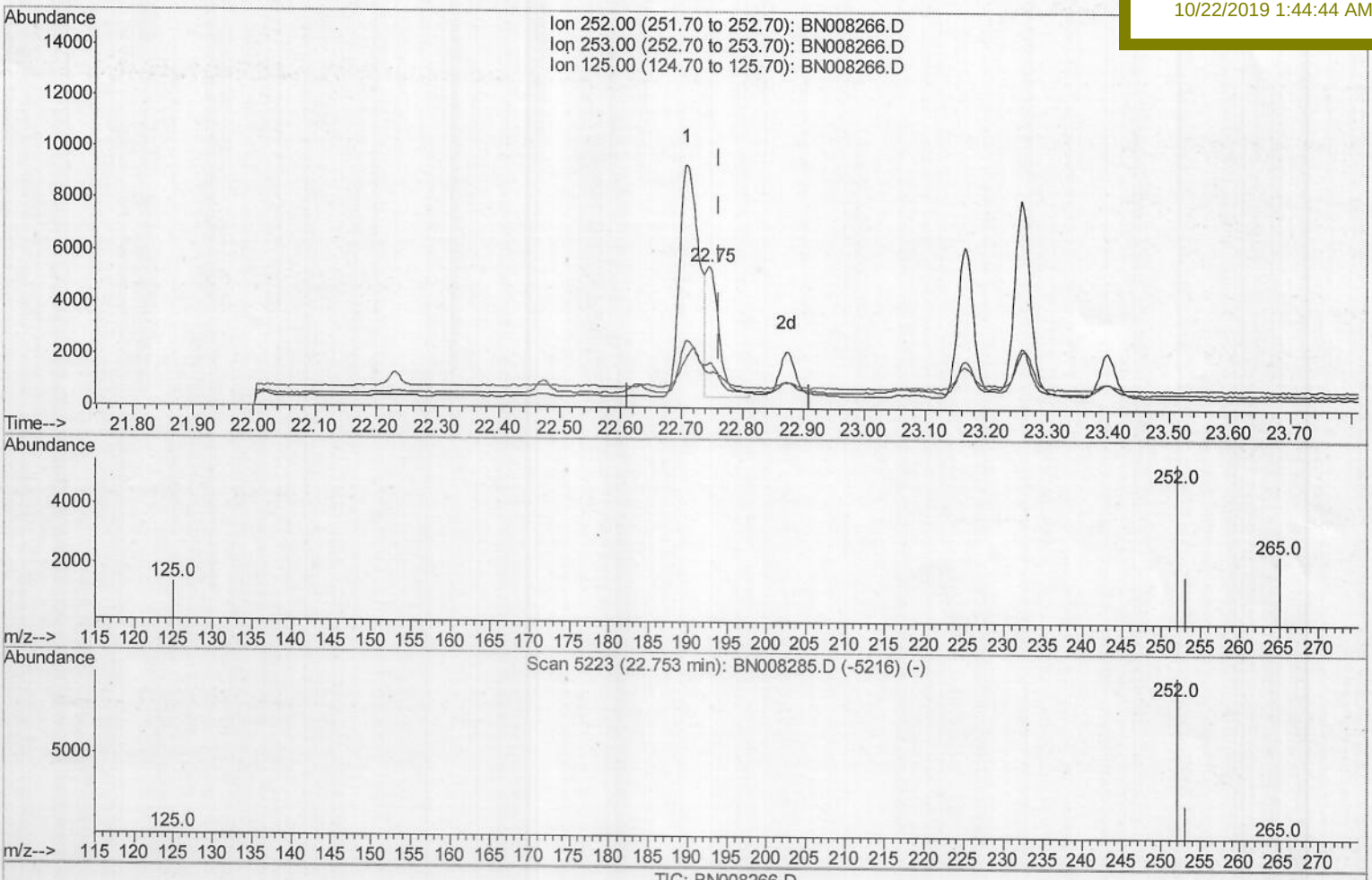
BNA_N
ClientSampleId :
BEP97DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:44:44 AM



TIC: BN008266.D

(22) Benzo(k)fluoranthene

22.747min (-0.015) 0.15ng/ul m > JU 10/21/19

response 7510

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	31.79
125.00	15.40	25.36#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Manual Integrations APPROVED
mohammad
10/22/2019 1:44:44 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2195	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	10559	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	6855	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14711	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13685	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13357	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	644	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2028	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	698	0.023	ng/ul#	71
7) Acenaphthylene	13.94	152	1618	0.050	ng/ul#	89
12) Phenanthrene	17.02	178	12224	0.284	ng/ul	100
13) Anthracene	17.11	178	2260	0.060	ng/ul#	91
15) Fluoranthene	19.04	202	29844	0.525	ng/ul	98
17) Pyrene	19.40	202	30577	0.561	ng/ul	98
18) Benzo(a)anthracene	21.16	228	16089	0.323	ng/ul	94
19) Chrysene	21.22	228	16849	0.276	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	20186m	0.464	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	7510m	0.152	ng/ul	
23) Benzo(a)pyrene	23.26	252	13695	0.299	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.51	276	8106	0.150	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.51	278	1822	0.043	ng/ul#	48
26) Benzo(g,h,i)perylene	26.16	276	7736	0.157	ng/ul#	93

JV 10/21/19

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