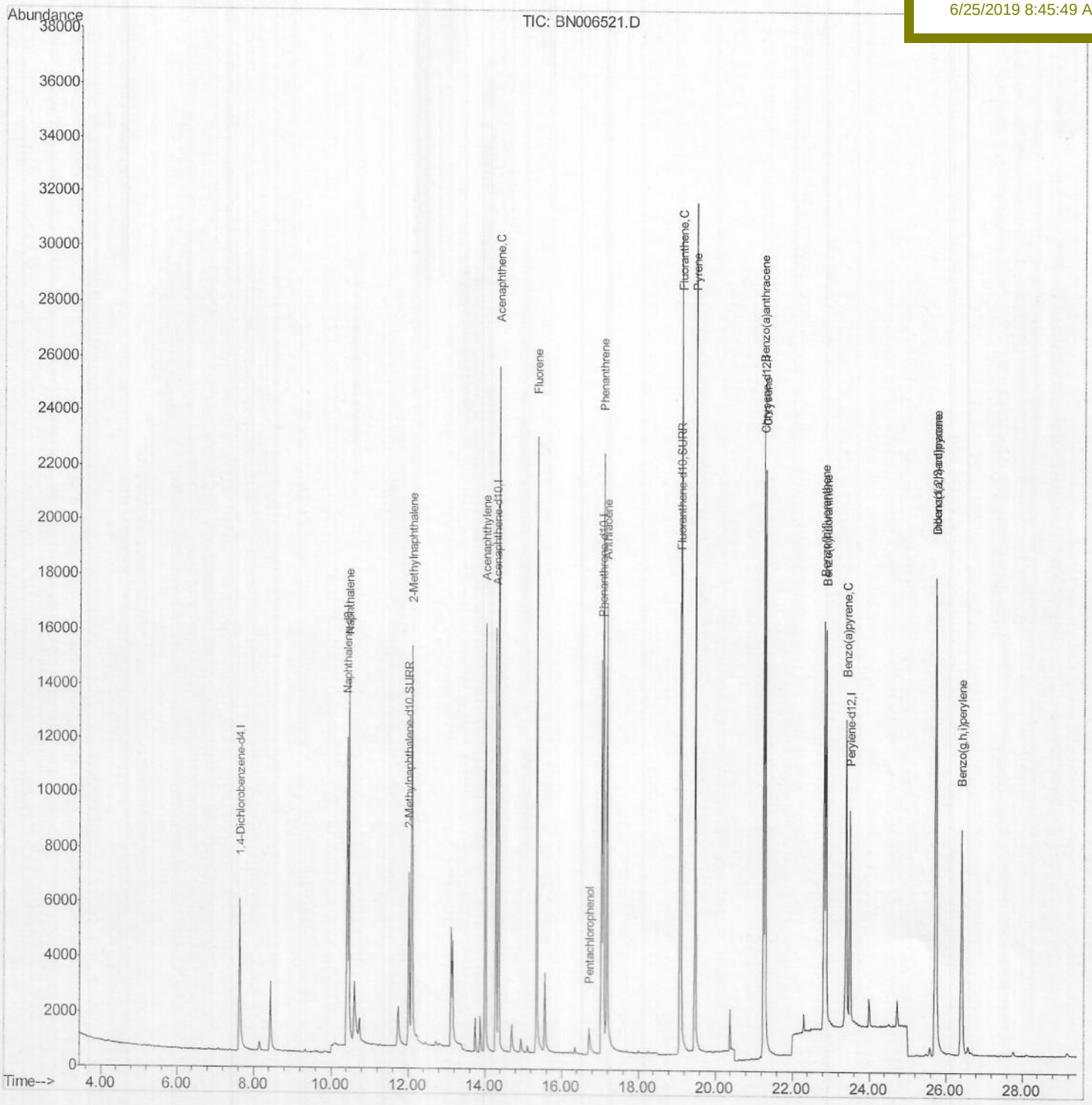
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
Data File : BN006521.D
Acq On : 23 Jun 2019 11:20
Operator : HP/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 24 08:32:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD0.429

Manual Integrations APPROVED
mohammad
6/25/2019 8:45:49 AM



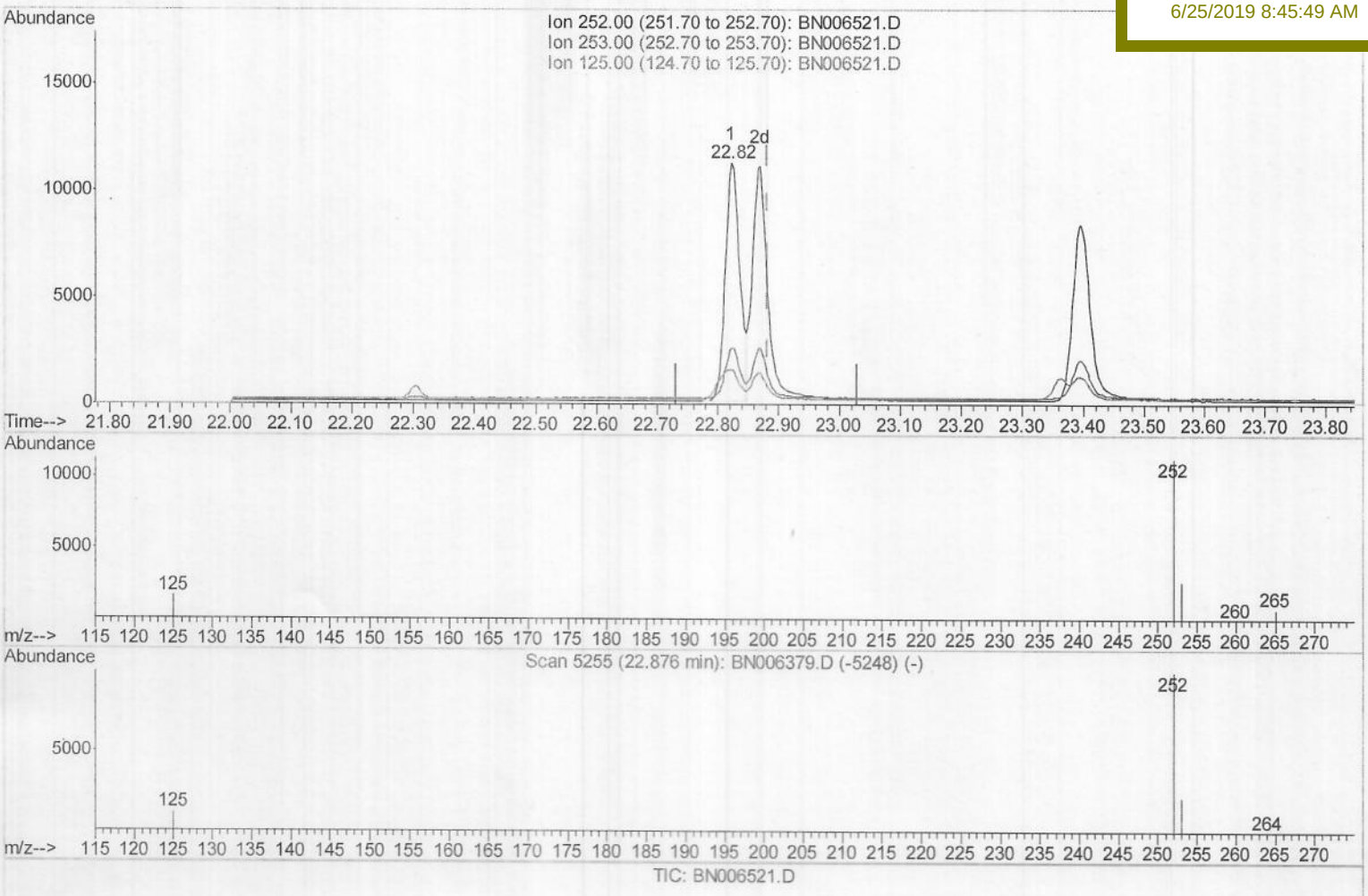
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
Data File : BN006521.D
Acq On : 23 Jun 2019 11:20
Operator : HP/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 24 08:31:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD0.429

Manual Integrations APPROVED
mohammad
6/25/2019 8:45:49 AM



TIC: BN006521.D

(22) Benzo(k)fluoranthene

22.823min (-0.058) 0.43ng/ul

response 18361

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.69
125.00	17.90	14.73
0.00	0.00	0.00

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BNA_N
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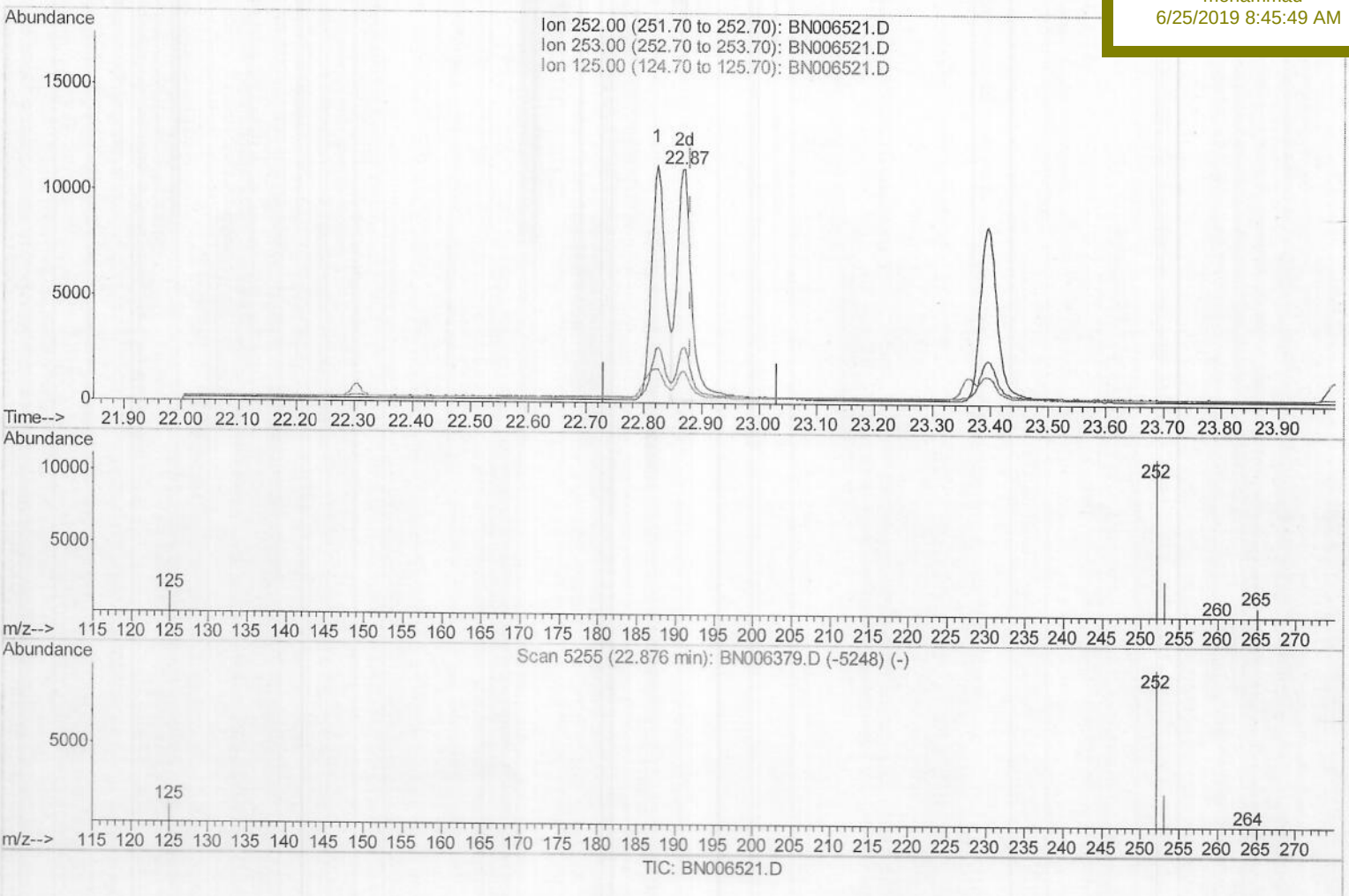
Manual Integrations APPROVED
mohammad
6/25/2019 8:45:49 AM



TIC: BN006521.D

(22) Benzo(k)fluoranthene

22.870min (-0.012) 0.47ng/ul m > JU 06/26/19

response 20021

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.97
125.00	17.90	13.45#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
Data File : BN006521.D
Acq On : 23 Jun 2019 11:20
Operator : HP/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 24 08:32:11 2019
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QLast Update : Mon Jun 17 11:13:07 2019
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Instrument : BNA_N
LabSampleId : SSTD0.429

Manual Integrations APPROVED
mohammad
6/25/2019 8:45:49 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4265	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	16846	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8891	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	18603	0.40	ng/ul	-0.01
16) Chrysene-d12	21.26	240	11186	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	10522	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	10611	0.41	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	19751	0.40	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	20064	0.432	ng/ul	100
5) 2-Methylnaphthalene	12.08	142	13379	0.413	ng/ul	99
7) Acenaphthylene	14.00	152	19652	0.398	ng/ul	100
8) Acenaphthene	14.34	153	14857	0.433	ng/ul	99
9) Fluorene	15.34	166	16064	0.400	ng/ul	97
11) Pentachlorophenol	16.71	266	1529	0.323	ng/ul	98
12) Phenanthrene	17.08	178	24930	0.417	ng/ul	99
13) Anthracene	17.17	178	21745	0.381	ng/ul	99
15) Fluoranthene	19.11	202	26558	0.403	ng/ul	97
17) Pyrene	19.48	202	26863	0.456	ng/ul	100
18) Benzo(a)anthracene	21.24	228	19063	0.385	ng/ul	99
19) Chrysene	21.30	228	21601	0.465	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	18361	0.418	ng/ul	92
22) Benzo(k)fluoranthene	22.87	252	20021m	0.468	ng/ul	
23) Benzo(a)pyrene	23.40	252	17664	0.432	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.73	276	19669	0.445	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.74	278	15403	0.436	ng/ul	93
26) Benzo(g,h,i)perylene	26.41	276	16991	0.459	ng/ul	96

JU 06/26/19

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