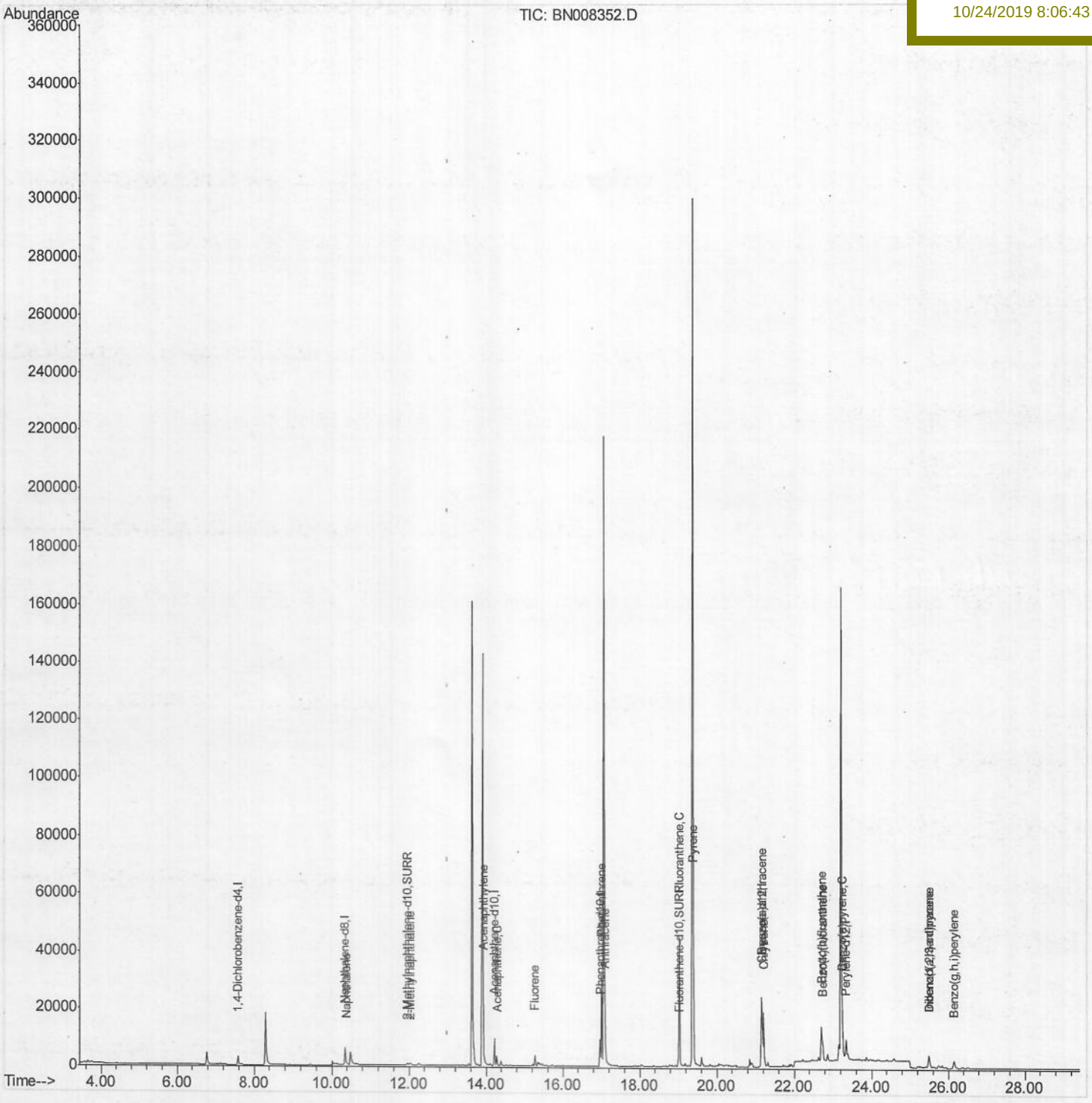
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008352.D
Acq On : 23 Oct 2019 16:44
Operator : JU
Sample : K5223-02DL 2X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Oct 24 01:44:27 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 :
BEPD6DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:43 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008352.D
Acq On : 23 Oct 2019 16:44
Operator : JU
Sample : K5223-02DL 2X
Misc :
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Quant Time: Oct 24 01:38:21 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
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Manual Integrations APPROVED
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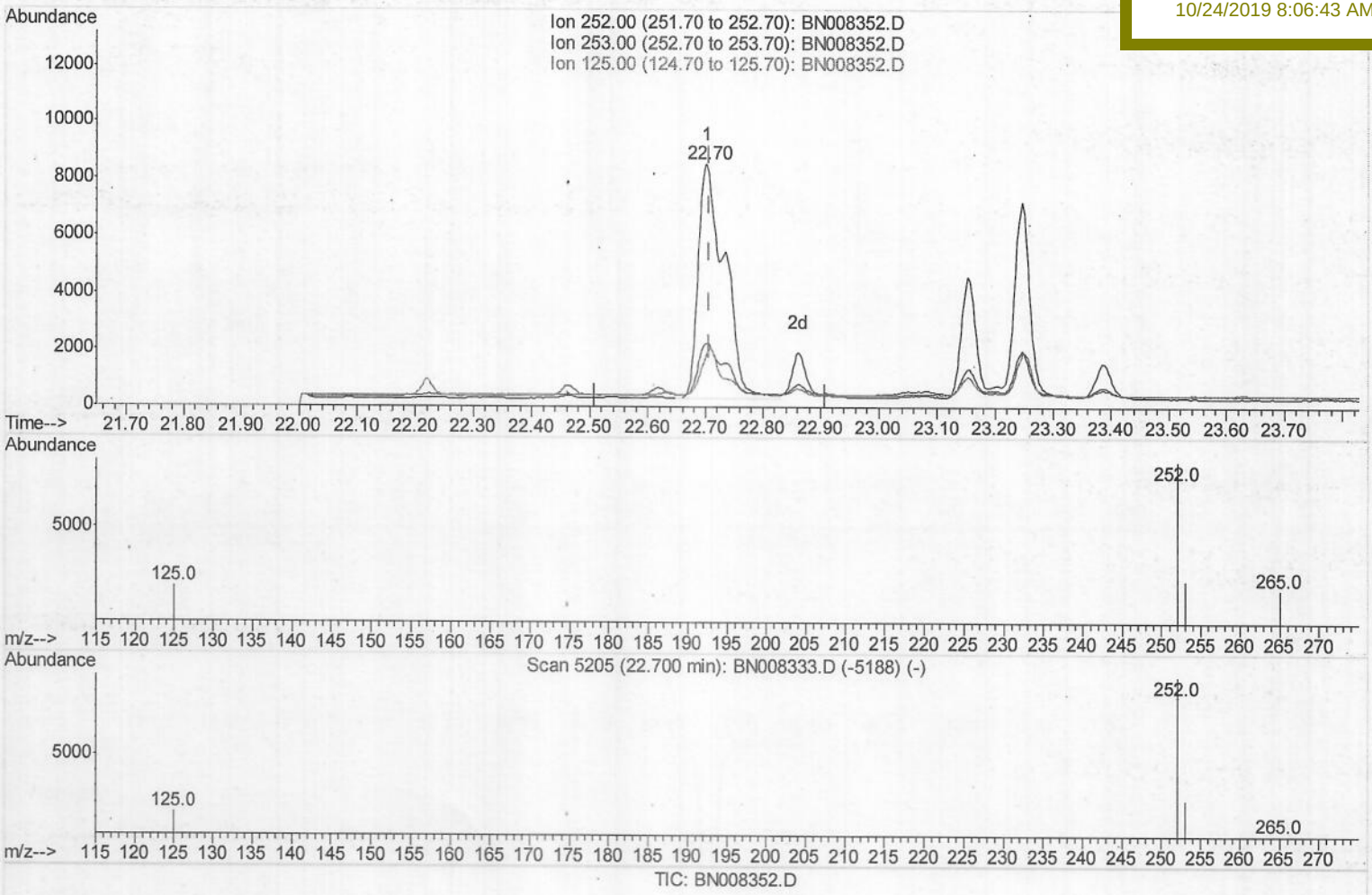

TIC: BN008352.D

(21) Benzo(b)fluoranthene

22.703min (-0.006) 0.96ng/ul

response 26019

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.48
125.00	16.20	22.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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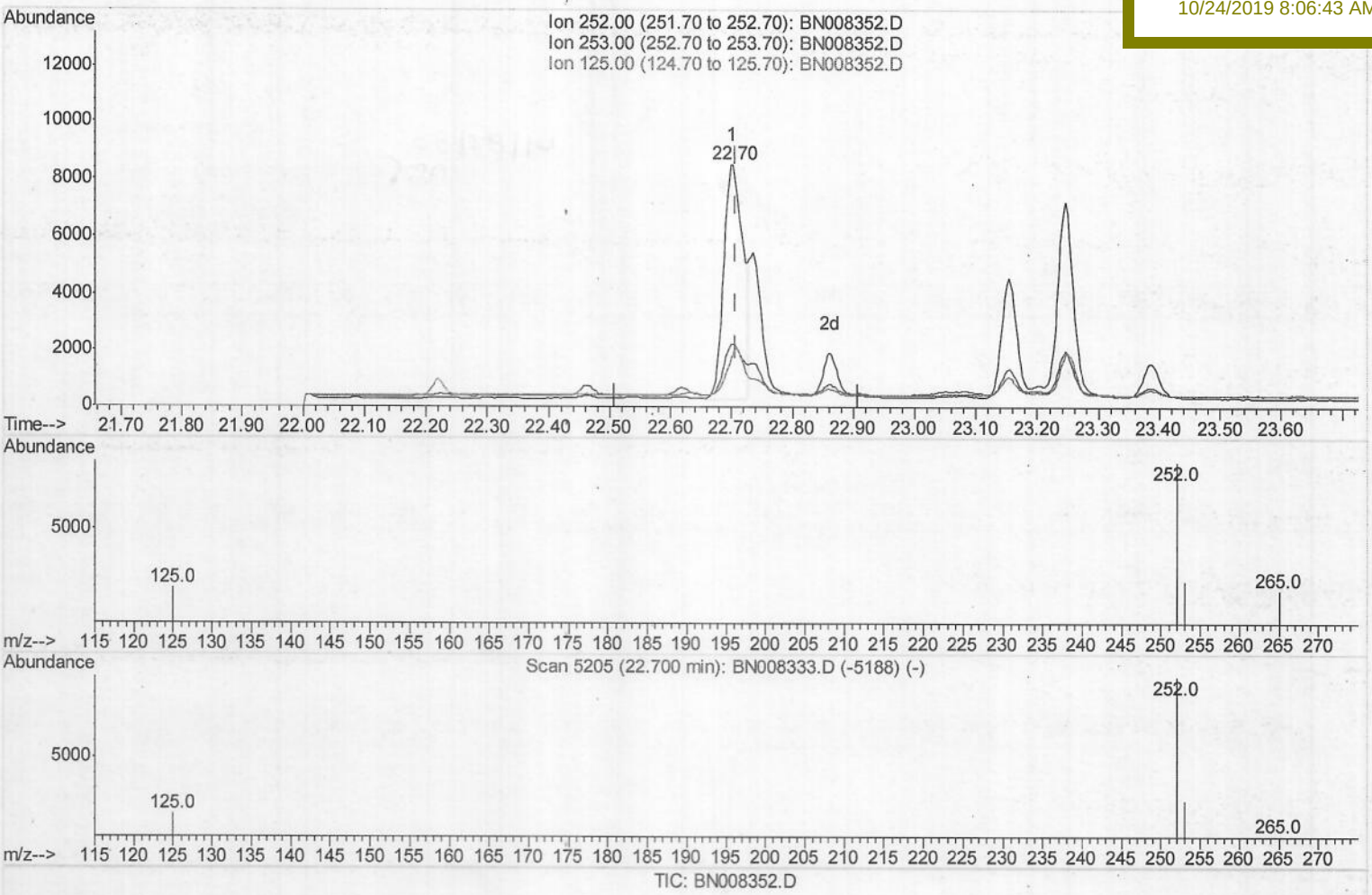
10/24/2019 8:06:43 AM



TIC: BN008352.D

(21) Benzo(b)fluoranthene

22.703min (-0.006) 0.66ng/ul m) JU 10/24/19

response 17967

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.48
125.00	16.20	22.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
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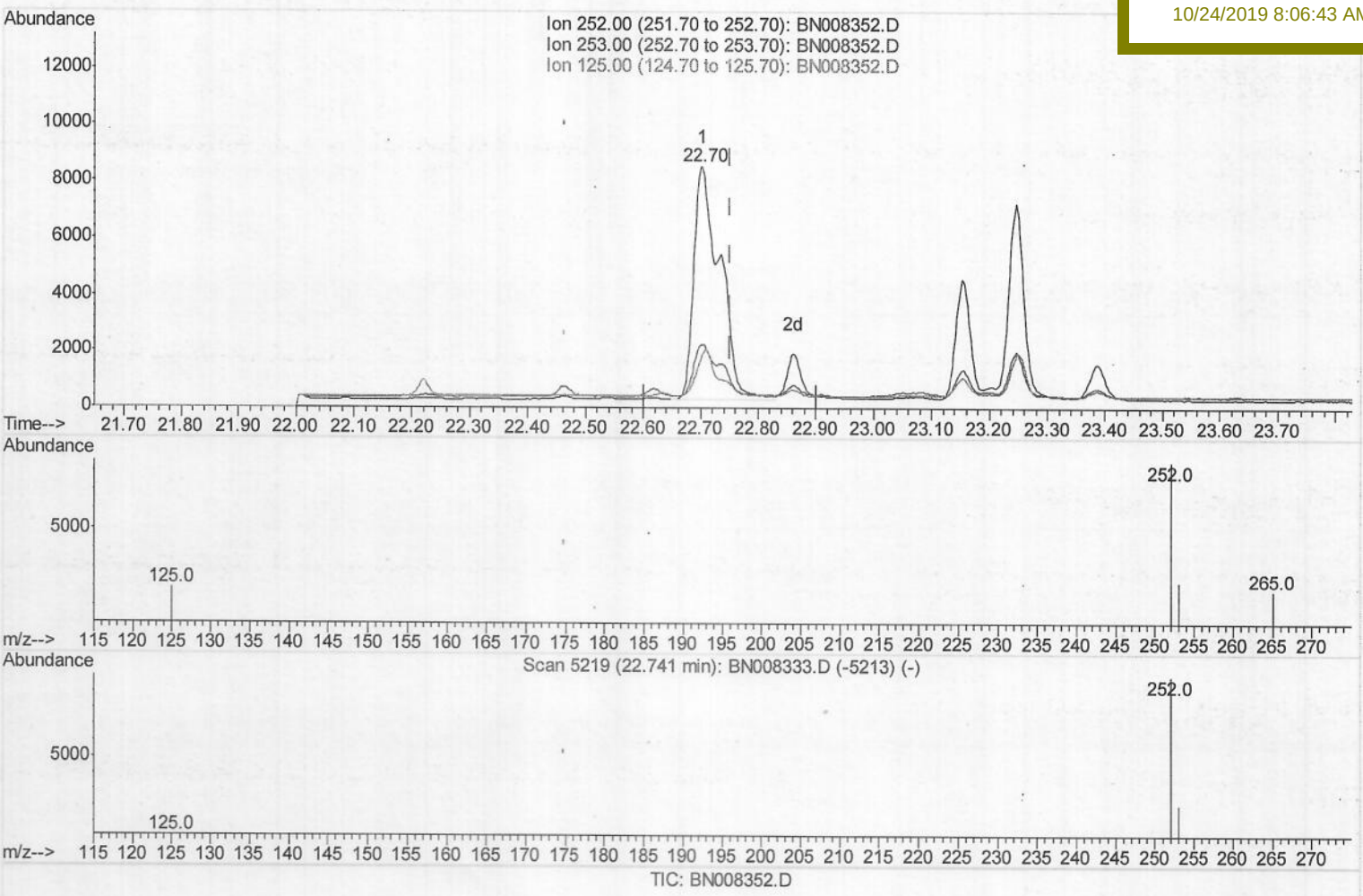
Acq On : 23 Oct 2019 16:44
Operator : JU
Sample : K5223-02DL 2X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Oct 24 01:38:21 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 :
BEPD6DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:43 AM



TIC: BN008352.D

(22) Benzo(k)fluoranthene

22.703min (-0.050) 0.85ng/ul

response 26019

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.48
125.00	15.40	22.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
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Acq On : 23 Oct 2019 16:44
Operator : JU
Sample : K5223-02DL 2X
Misc :
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Quant Time: Oct 24 01:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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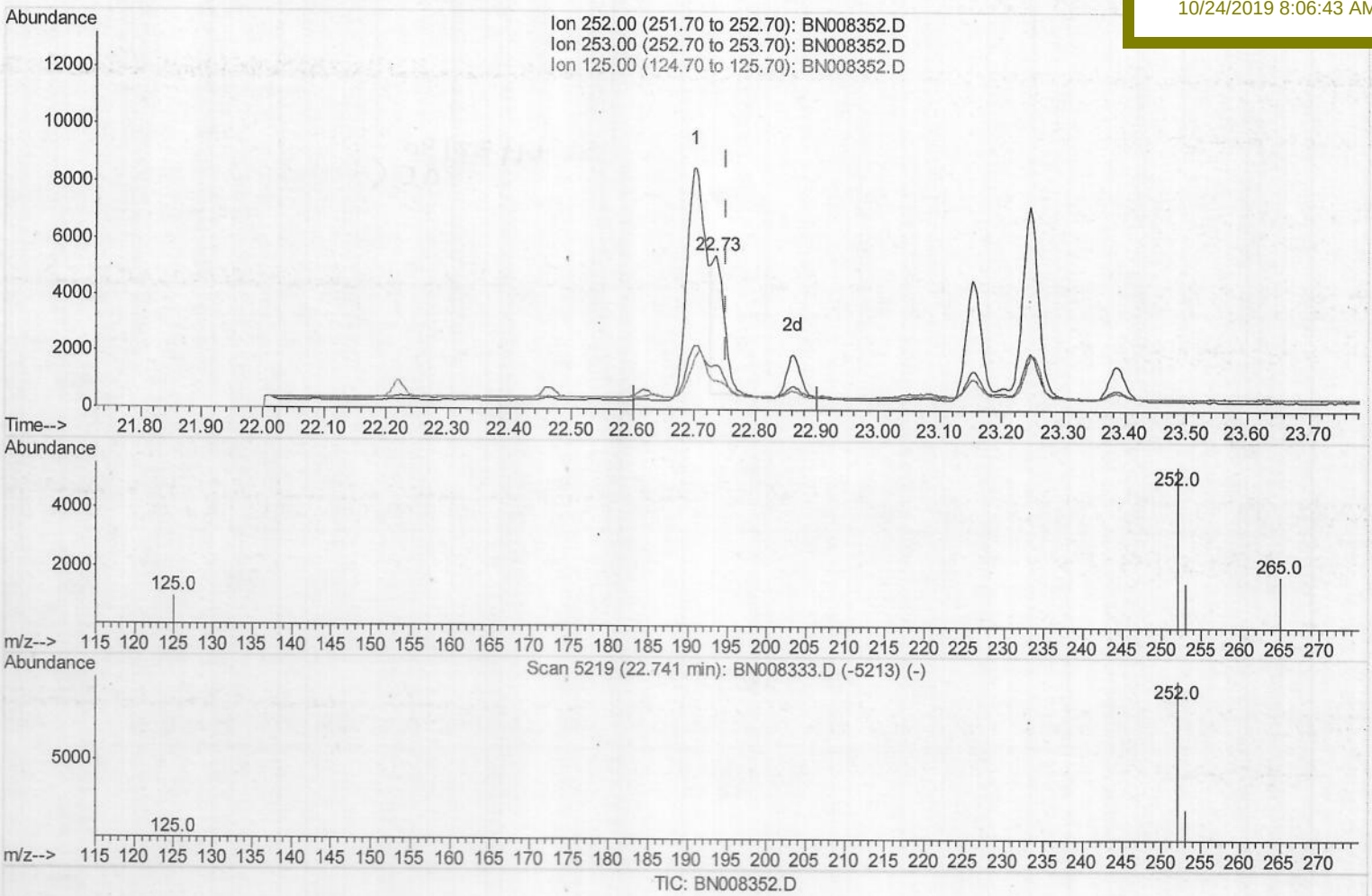
BNA_N
ClientSampleId :
BEPD6DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:43 AM



TIC: BN008352.D

(22) Benzo(k)fluoranthene

22.735min (-0.017) 0.23ng/ul m J.JU 10/24/19

response 6939

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.61
125.00	15.40	18.52#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
10/24/2019 8:06:43 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1772	0.40 ng/ul	-0.01
2) Naphthalene-d8	10.34	136	8452	0.40 ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5414	0.40 ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11610	0.40 ng/ul	0.00
16) Chrysene-d12	21.17	240	10137	0.40 ng/ul	0.00
20) Perylene-d12	23.34	264	8313	0.40 ng/ul	-0.01
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	11.95	152	1087	0.08 ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3247	0.08 ng/ul	-0.01
Target Compounds					Qvalue
3) Naphthalene	10.39	128	737	0.031 ng/ul#	77
5) 2-Methylnaphthalene	12.03	142	589	0.036 ng/ul	99
7) Acenaphthylene	13.93	152	949	0.037 ng/ul#	83
8) Acenaphthene	14.28	153	1955	0.097 ng/ul	99
9) Fluorene	15.27	166	2485	0.109 ng/ul#	96
12) Phenanthrene	17.00	178	32024	0.942 ng/ul	99
13) Anthracene	17.10	178	8897	0.297 ng/ul	99
15) Fluoranthene	19.03	202	40091	0.893 ng/ul	99
17) Pyrene	19.40	202	36503	0.904 ng/ul	99
18) Benzo(a)anthracene	21.15	228	20274	0.550 ng/ul	98
19) Chrysene	21.20	228	19060	0.421 ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	17967m)	0.664 ng/ul	} JU 10/24/19
22) Benzo(k)fluoranthene	22.73	252	6939m)	0.226 ng/ul	
23) Benzo(a)pyrene	23.25	252	12361	0.434 ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.49	276	6764	0.202 ng/ul#	93
25) Dibenzo(a,h)anthracene	25.50	278	2090	0.079 ng/ul#	73
26) Benzo(g,h,i)perylene	26.15	276	4954	0.161 ng/ul#	93

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