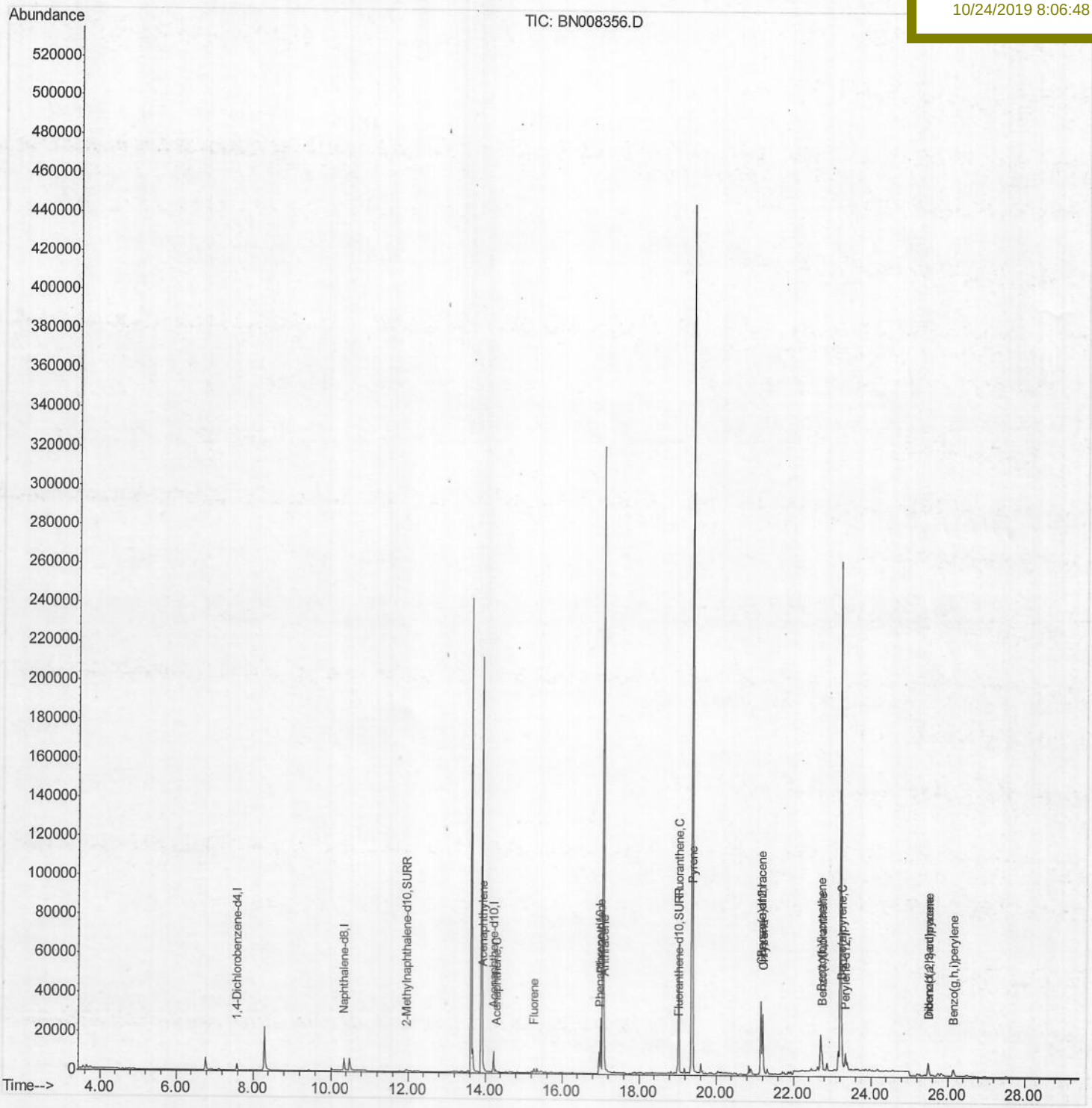
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008356.D
Acq On : 23 Oct 2019 19:08
Operator : JU
Sample : K5223-09DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 24 01:55:20 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 :
BEPE1DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:48 AM



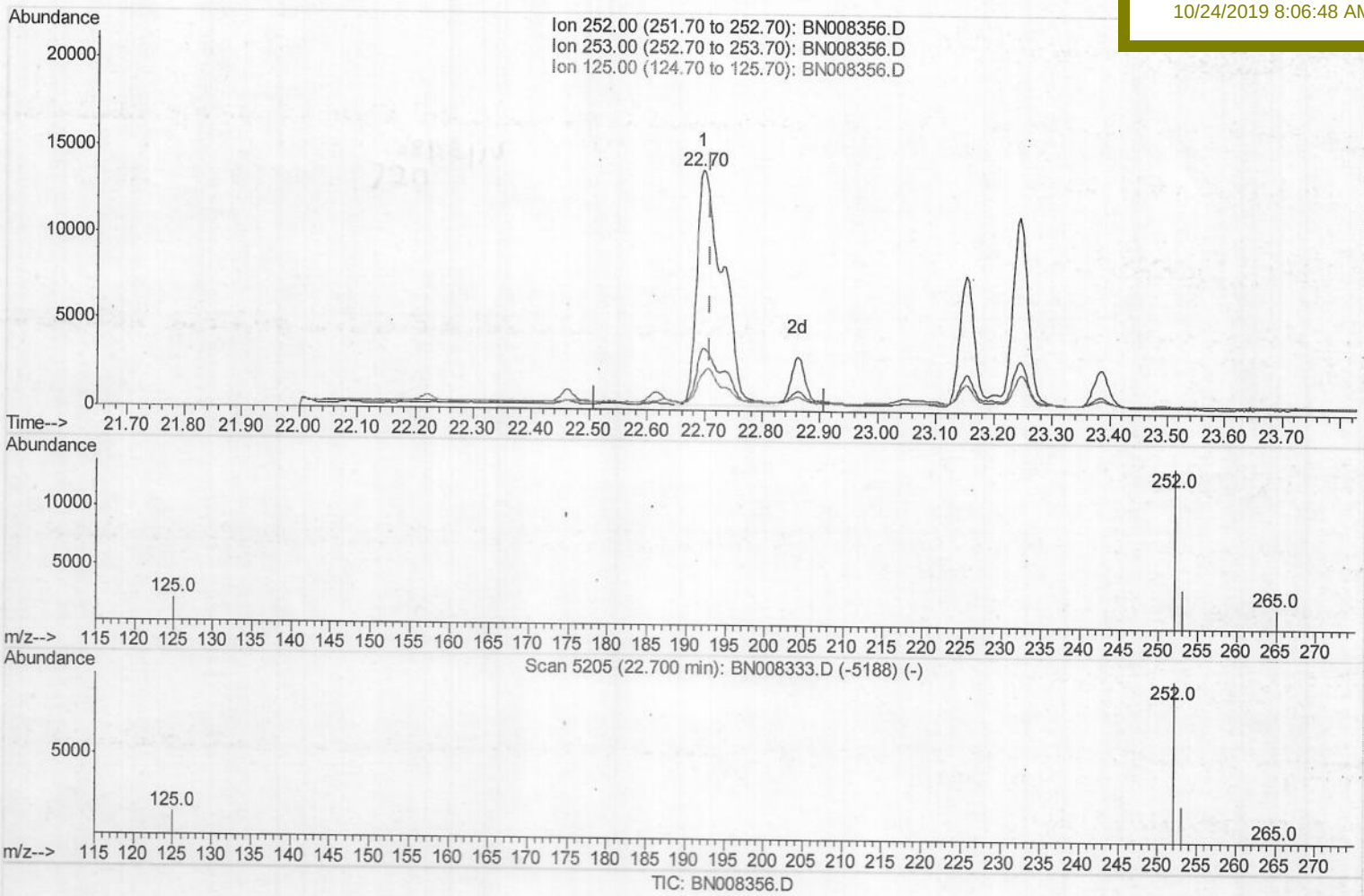
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008356.D
Acq On : 23 Oct 2019 19:08
Operator : JU
Sample : K5223-09DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 24 01:38:44 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 :
BEPE1DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:48 AM



TIC: BN008356.D

(21) Benzo(b)fluoranthene

22.697min (-0.012) 1.34ng/ul

response 42023

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.47
125.00	16.20	15.21
0.00	0.00	0.00

Quantitation Report (Qedit)

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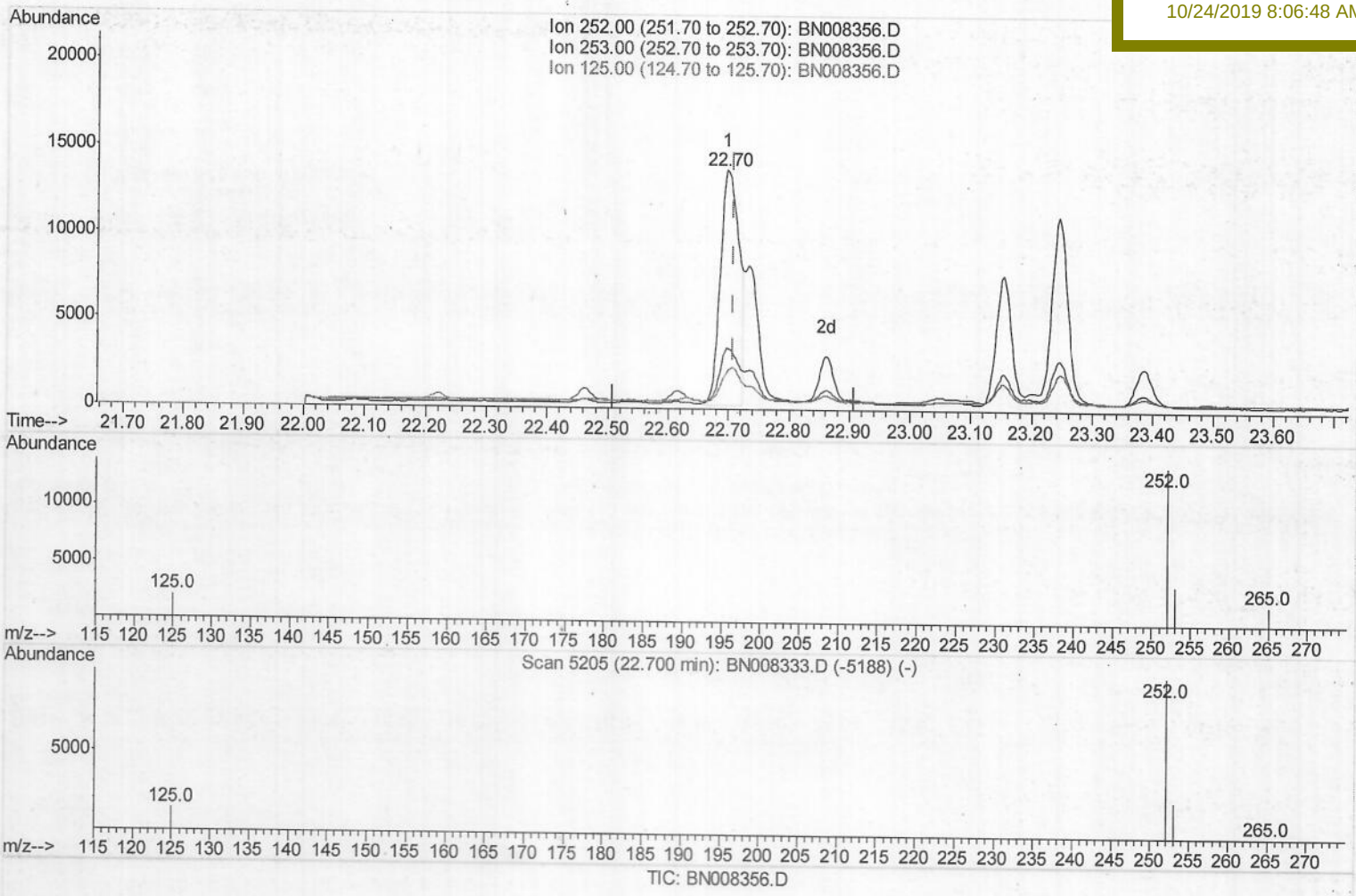
Manual Integrations APPROVED
mohammad
10/24/2019 8:06:48 AM



TIC: BN008356.D

(21) Benzo(b)fluoranthene

22.697min (-0.012) 0.93ng/ul m) JU 10/24/19

response 29136

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.47
125.00	16.20	15.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008356.D
Acq On : 23 Oct 2019 19:08
Operator : JU
Sample : K5223-09DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 24 01:38:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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BNA_N
ClientSampleId :
BEPE1DL

Manual Integrations APPROVED
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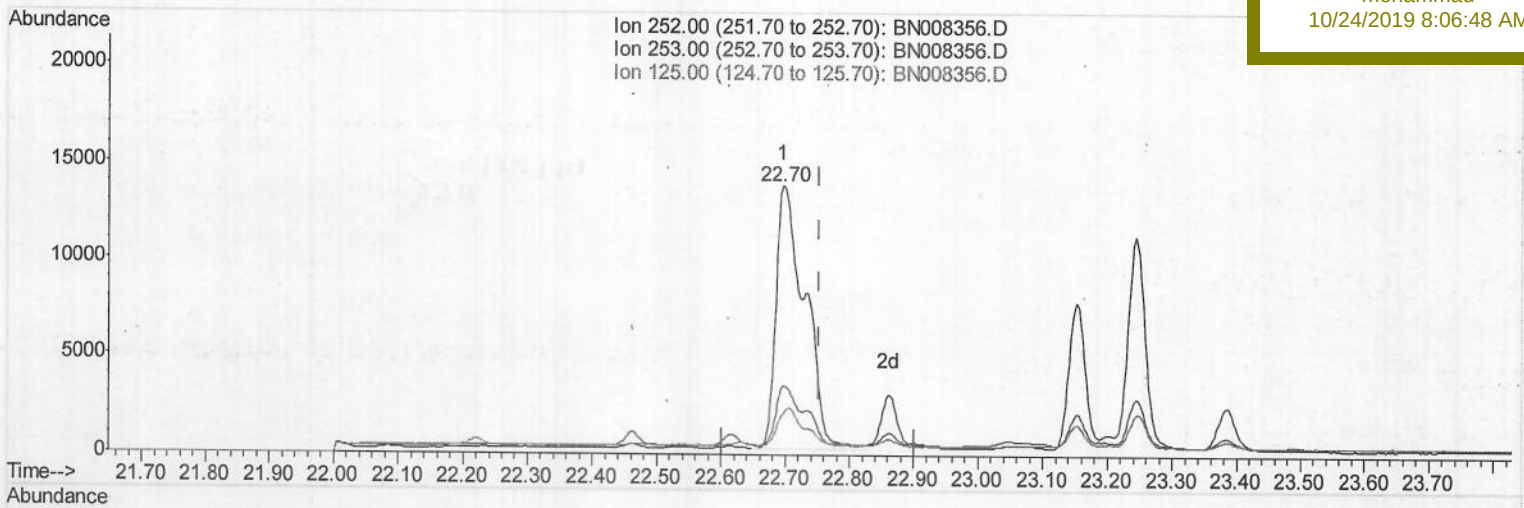
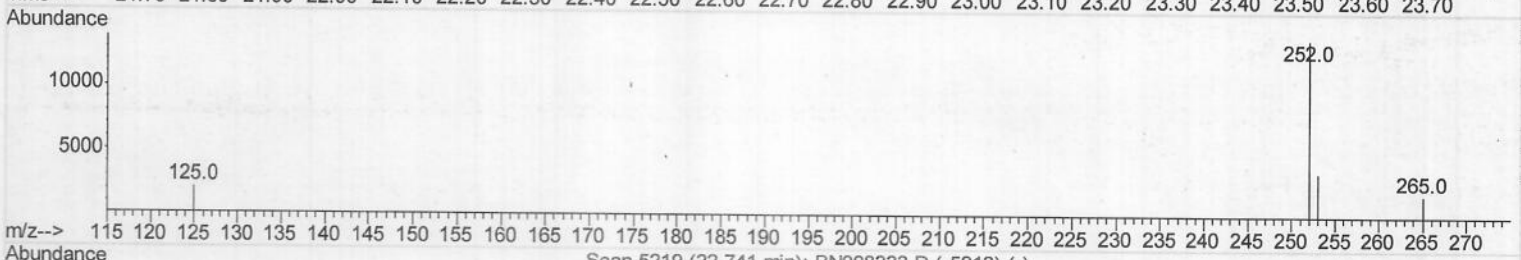
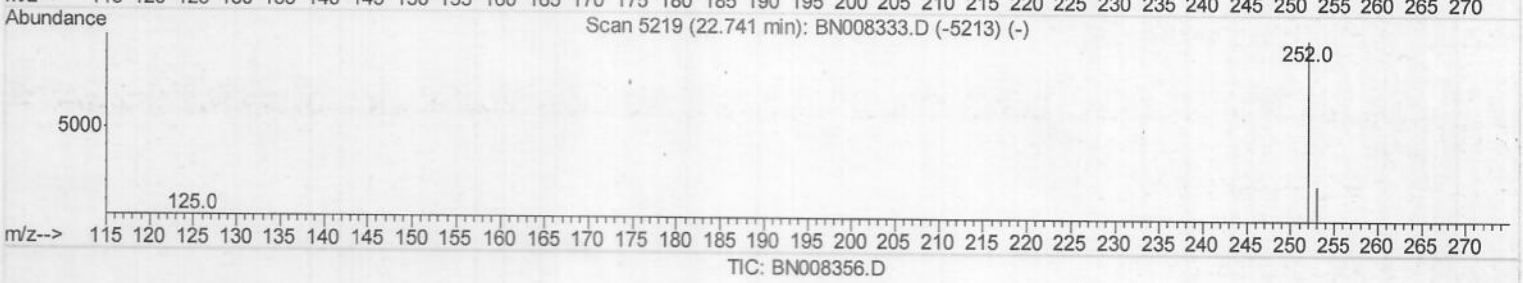
10/24/2019 8:06:48 AM







TIC: BN008356.D

(22) Benzo(k)fluoranthene

22.697min (-0.056) 1.18ng/ul

response 42023

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.47
125.00	15.40	15.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
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Operator : JU
Sample : K5223-09DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 24 01:38:44 2019
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ClientSampleId :
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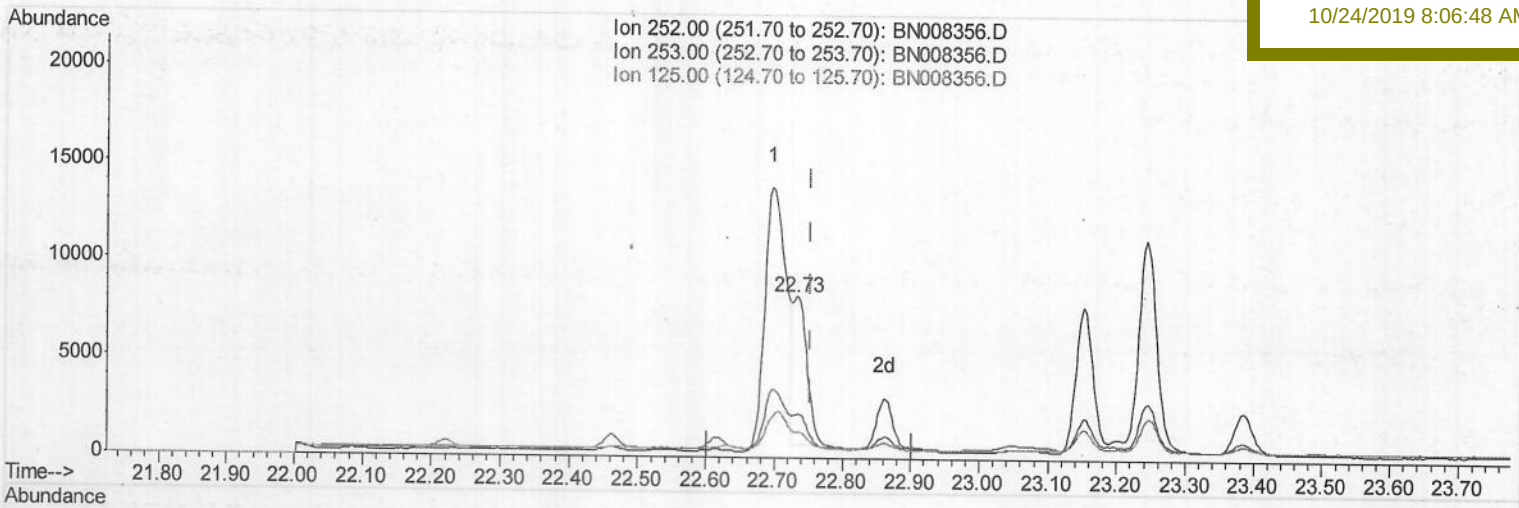
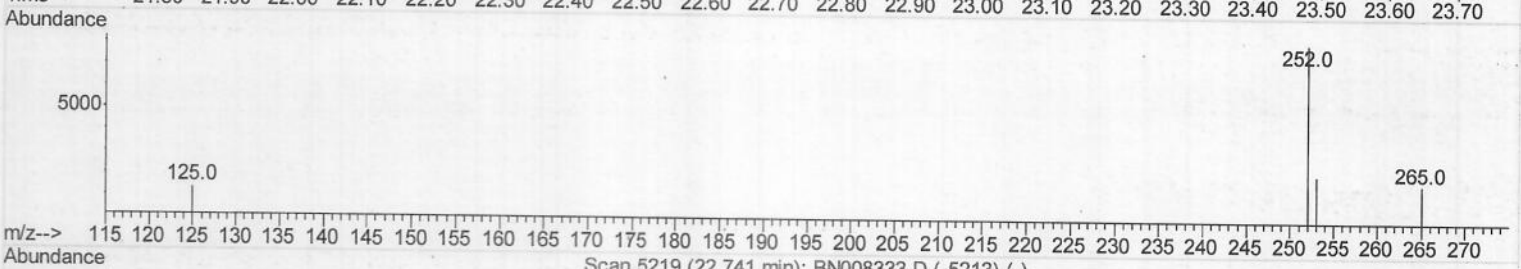
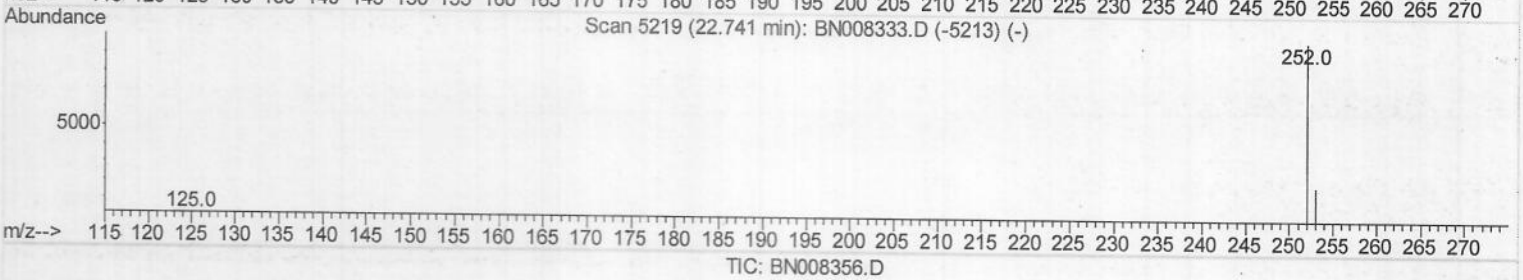
Manual Integrations APPROVED
mohammad
10/24/2019 8:06:48 AM







TIC: BN008356.D

(22) Benzo(k)fluoranthene

22.732min (-0.020) 0.32ng/ul m) JU 10/24/19

response 11417

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.95
125.00	15.40	16.14
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 49 Sample Multiplier: 1

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Manual Integrations APPROVED
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10/24/2019 8:06:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1905	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	9158	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5925	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12947	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	11703	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	9667	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1597	0.10	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	4976	0.11	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	13.93	152	1093	0.039	ng/ul#	82
8) Acenaphthene	14.28	153	802	0.037	ng/ul	98
9) Fluorene	15.27	166	1418	0.057	ng/ul#	95
12) Phenanthrene	17.00	178	30861	0.814	ng/ul	99
13) Anthracene	17.09	178	7740	0.232	ng/ul	98
15) Fluoranthene	19.03	202	58889	1.176	ng/ul	97
17) Pyrene	19.39	202	51809	1.112	ng/ul	99
18) Benzo(a)anthracene	21.15	228	30782	0.723	ng/ul	97
19) Chrysene	21.21	228	30082	0.576	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	29136m	0.926	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	11417m	0.320	ng/ul	
23) Benzo(a)pyrene	23.24	252	19855	0.600	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.49	276	10706	0.274	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.49	278	2736	0.089	ng/ul#	78
26) Benzo(g,h,i)perylene	26.14	276	7603	0.213	ng/ul	95

JU 10/24/19

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