

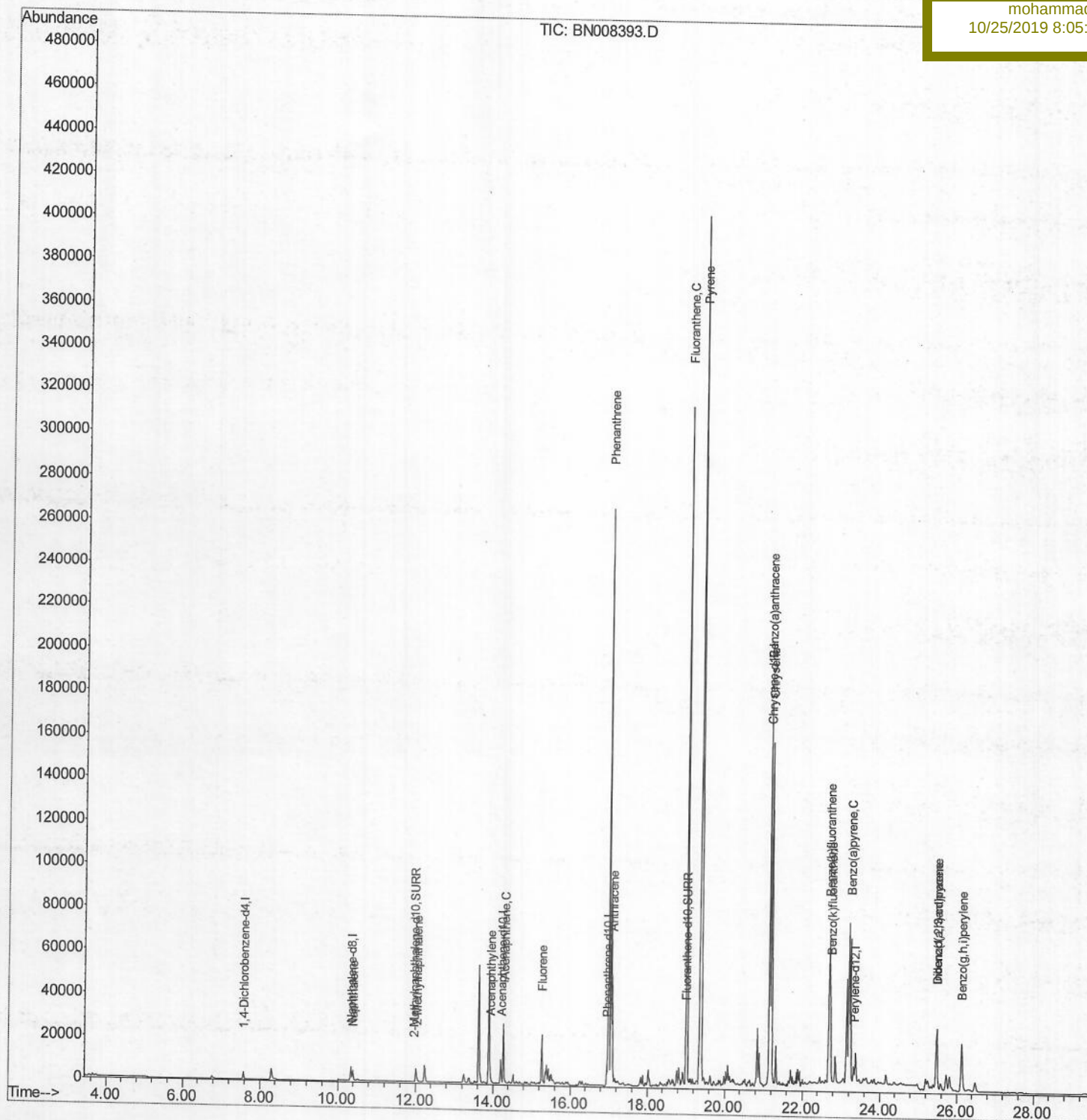
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008393.D
Acq On : 24 Oct 2019 18:26
Operator : JU
Sample : K5235-17DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 24 19:14:16 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
Client Sampled :
BEPB7DL

Manual Integrations
APPROVED

mohammad
10/25/2019 8:05:51 AM



Quantitation Report (Qedit)

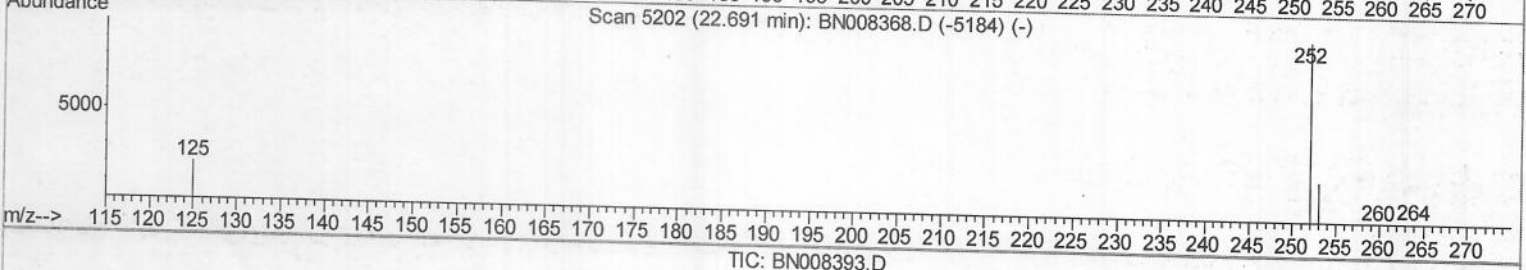
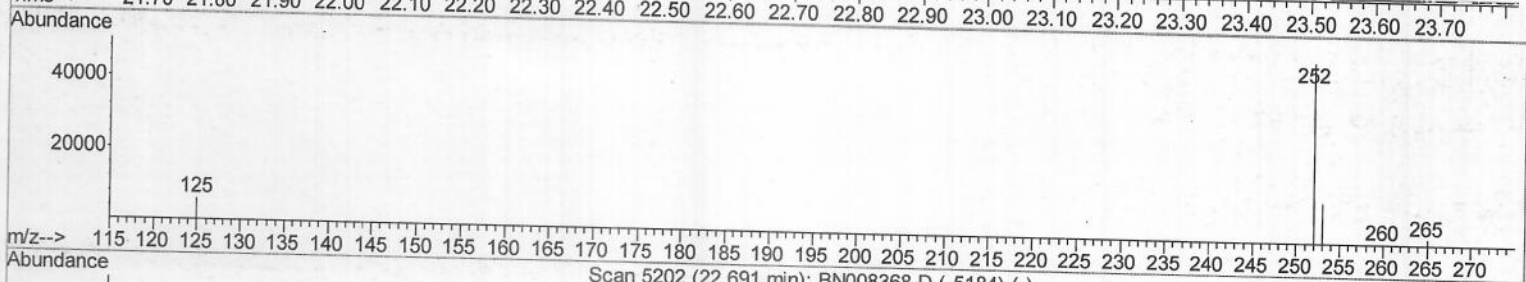
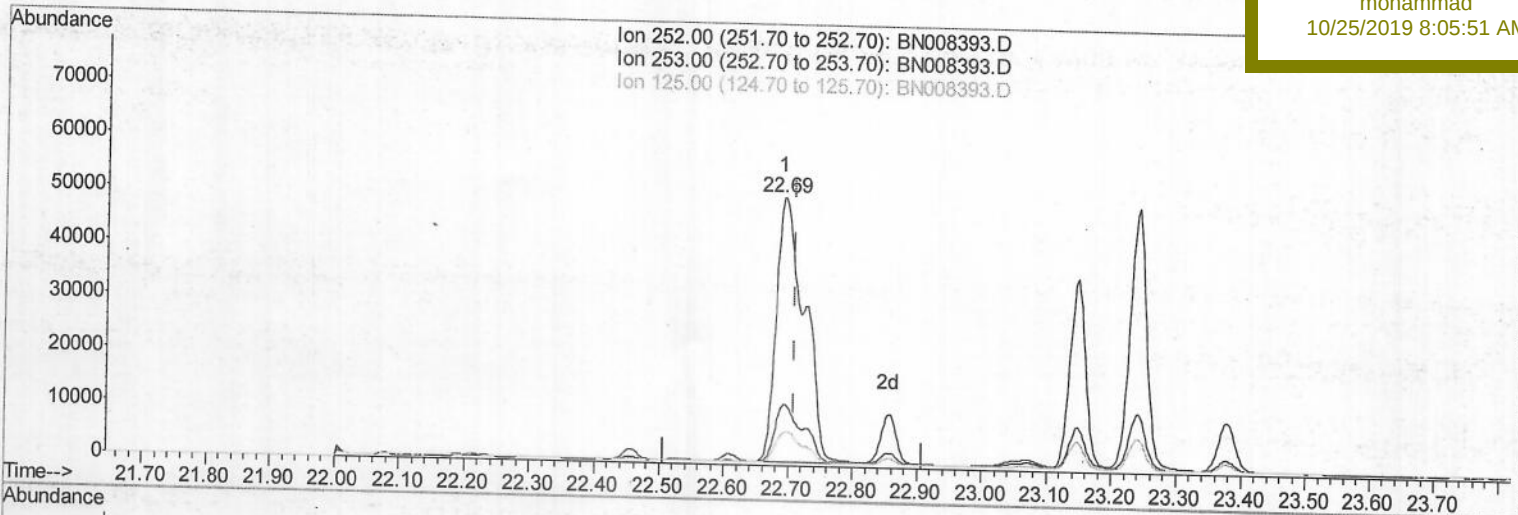
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
 Data File : BN008393.D
 Acq On : 24 Oct 2019 18:26
 Operator : JU
 Sample : K5235-17DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 24 19:12:45 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 :
 BEPB7DL

Manual Integrations
APPROVED

mohammad
 10/25/2019 8:05:51 AM



(21) Benzo(b)fluoranthene
 22.691min (-0.017) 5.24ng/ul
 response 152218

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.83
125.00	16.20	12.07
0.00	0.00	0.00

Quantitation Report (Qedit)

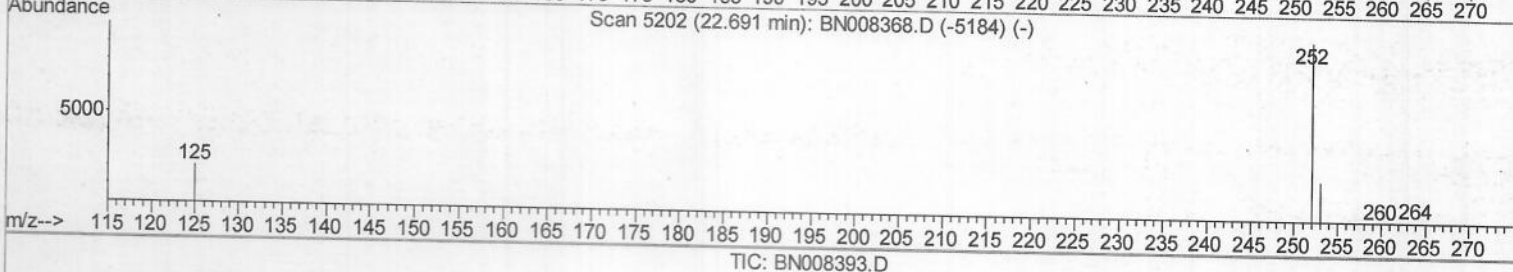
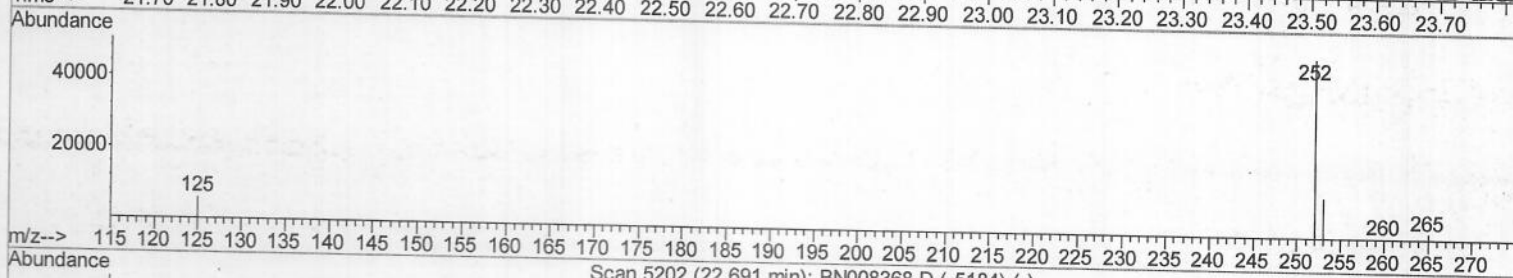
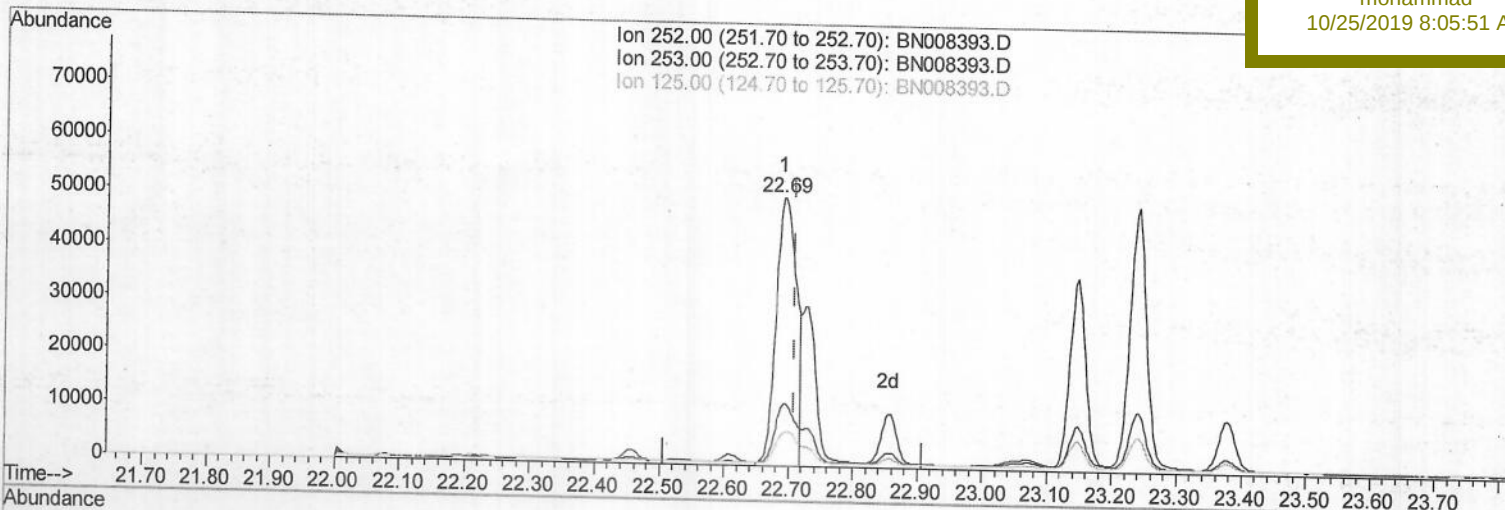
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
 Data File : BN008393.D
 Acq On : 24 Oct 2019 18:26
 Operator : JU
 Sample : K5235-17DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 24 19:12:45 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 :
 BEPB7DL

Manual Integrations
 APPROVED

mohammad
 10/25/2019 8:05:51 AM



(21) Benzo(b)fluoranthene

22.691min (-0.017) 3.77ng/ul m

response 109554

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.83
125.00	16.20	12.07
0.00	0.00	0.00

3.74
 10/25/19

Quantitation Report (Qedit)

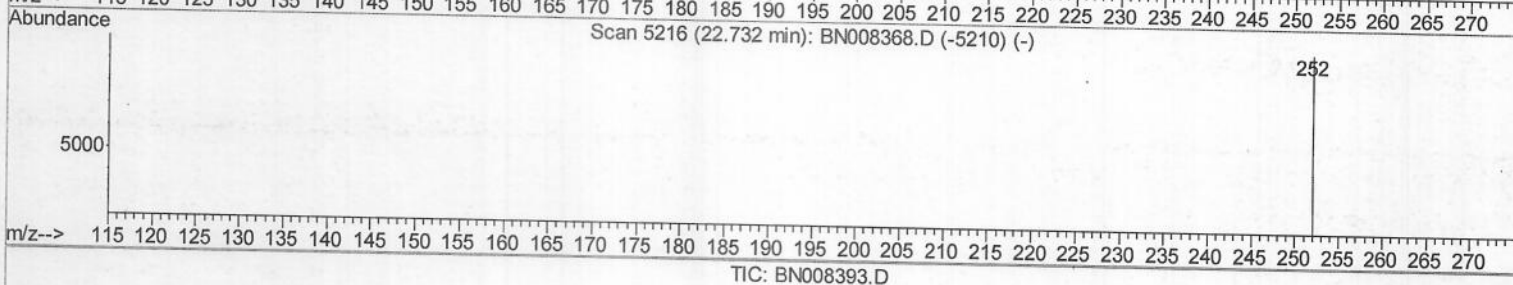
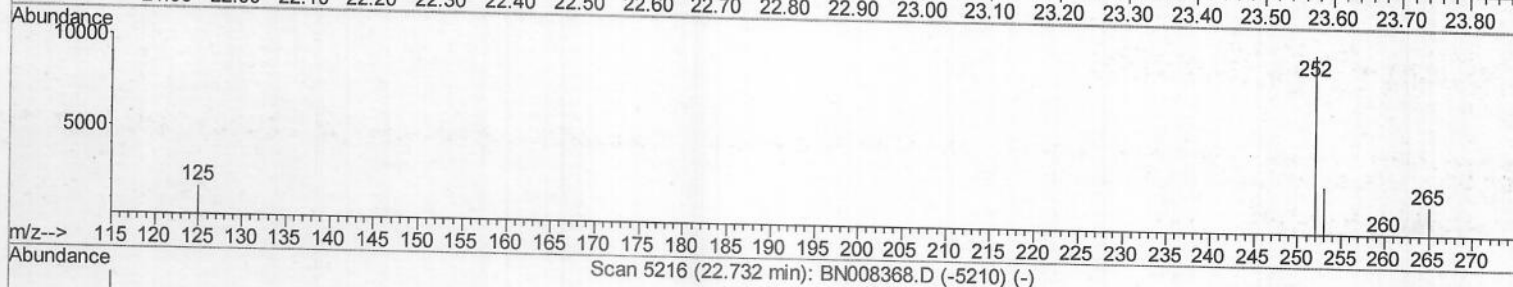
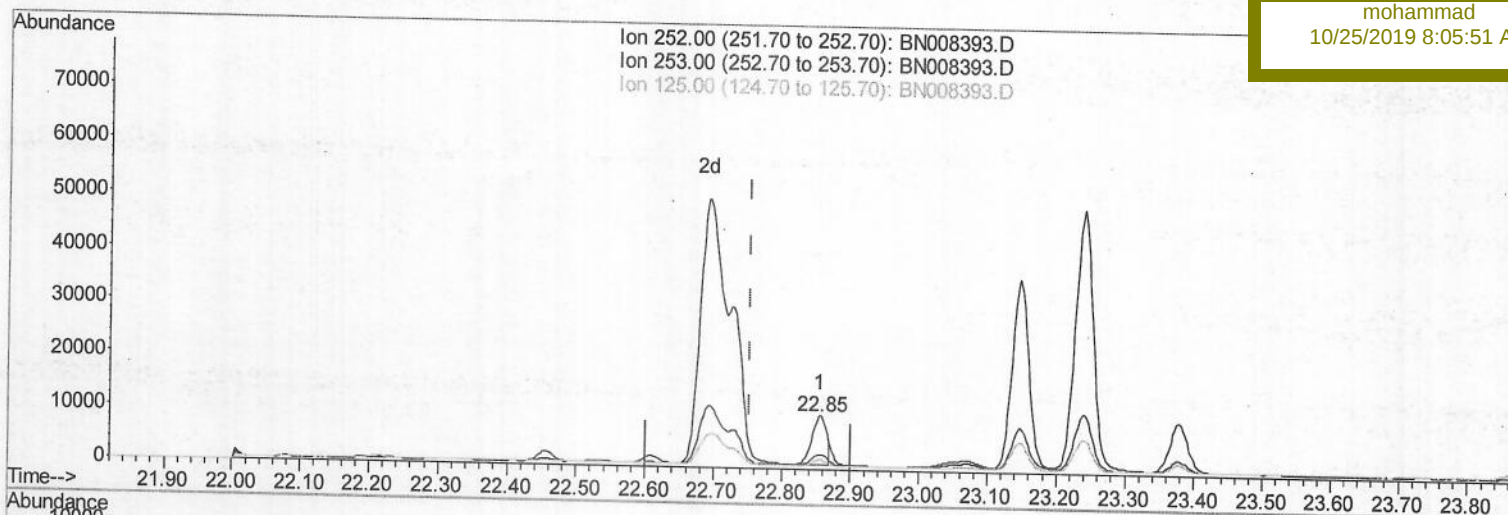
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
 Data File : BN008393.D
 Acq On : 24 Oct 2019 18:26
 Operator : JU
 Sample : K5235-17DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 24 19:12:45 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 :
 BEPB7DL

Manual Integrations
 APPROVED

mohammad
 10/25/2019 8:05:51 AM



(22) Benzo(k)fluoranthene
 22.855min (+0.102) 0.41ng/ul
 response 13348

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.10
125.00	15.40	17.31
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008393.D
Acq On : 24 Oct 2019 18:26
Operator : JU
Sample : K5235-17DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 24 19:12:45 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

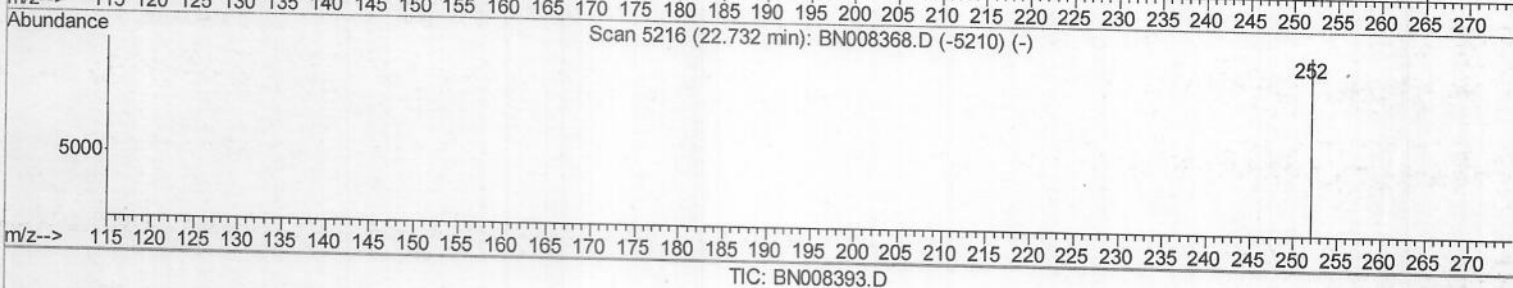
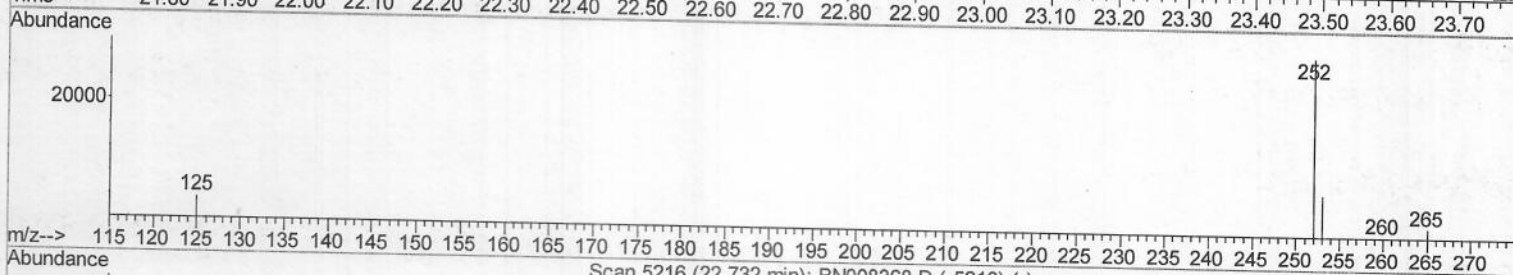
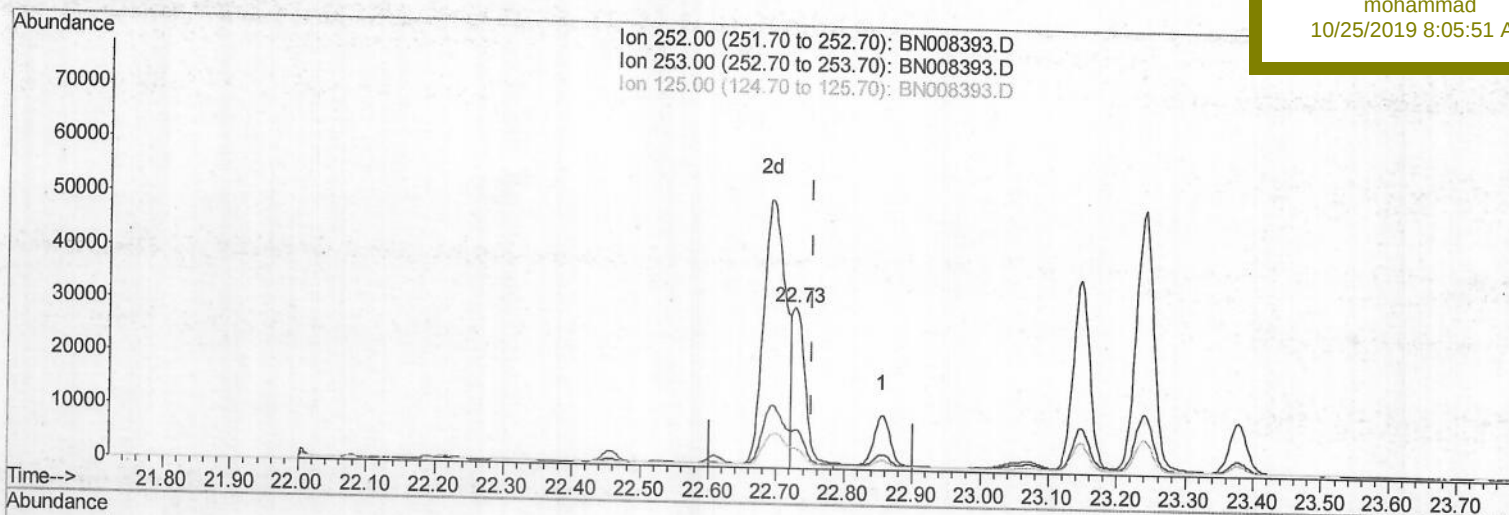
Client Sample Id :

BEPB7DL

Manual Integrations
APPROVED

mohammad

10/25/2019 8:05:51 AM



(22) Benzo(k)fluoranthene

22.729min (-0.023) 1.27ng/ul m

response 41708

Ion	Exp%	Act%
-----	------	------

252.00	100	100
--------	-----	-----

253.00	26.60	23.80
--------	-------	-------

125.00	15.40	12.16#
--------	-------	--------

0.00	0.00	0.00
------	------	------

> JU
10/25/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
 Data File : BN008393.D
 Acq On : 24 Oct 2019 18:26
 Operator : JU
 Sample : K5235-17DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPB7DL

Quant Time: Oct 24 19:14:16 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

Manual Integrations
 APPROVED

mohammad
 10/25/2019 8:05:51 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1943	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	9613	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	6199	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	12987	0.40	ng/ul	-0.02
16) Chrysene-d12	21.16	240	10544	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	8919	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.94	152	461	0.03	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	1808	0.04	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.38	128	6986	0.255	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	6411	0.341	ng/ul	100
7) Acenaphthylene	13.93	152	3777	0.128	ng/ul#	89
8) Acenaphthene	14.27	153	17115	0.745	ng/ul	98
9) Fluorene	15.26	166	15039	0.577	ng/ul	97
12) Phenanthrene	17.00	178	279975	7.363	ng/ul	99
13) Anthracene	17.09	178	51434	1.537	ng/ul	99
15) Fluoranthene	19.02	202	262652	5.230	ng/ul	97
17) Pyrene	19.39	202	332169	7.912	ng/ul	99
18) Benzo(a)anthracene	21.15	228	147740	3.854	ng/ul	99
19) Chrysene	21.20	228	153207	3.257	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	109554m	3.773	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	41708m	1.268	ng/ul	
23) Benzo(a)pyrene	23.24	252	87861	2.876	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.48	276	41420	1.151	ng/ul	98
25) Dibenzo(a,h)anthracene	25.48	278	12471	0.438	ng/ul	97
26) Benzo(g,h,i)perylene	26.13	276	43090	1.306	ng/ul	98

} JU
 10/25/19

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