

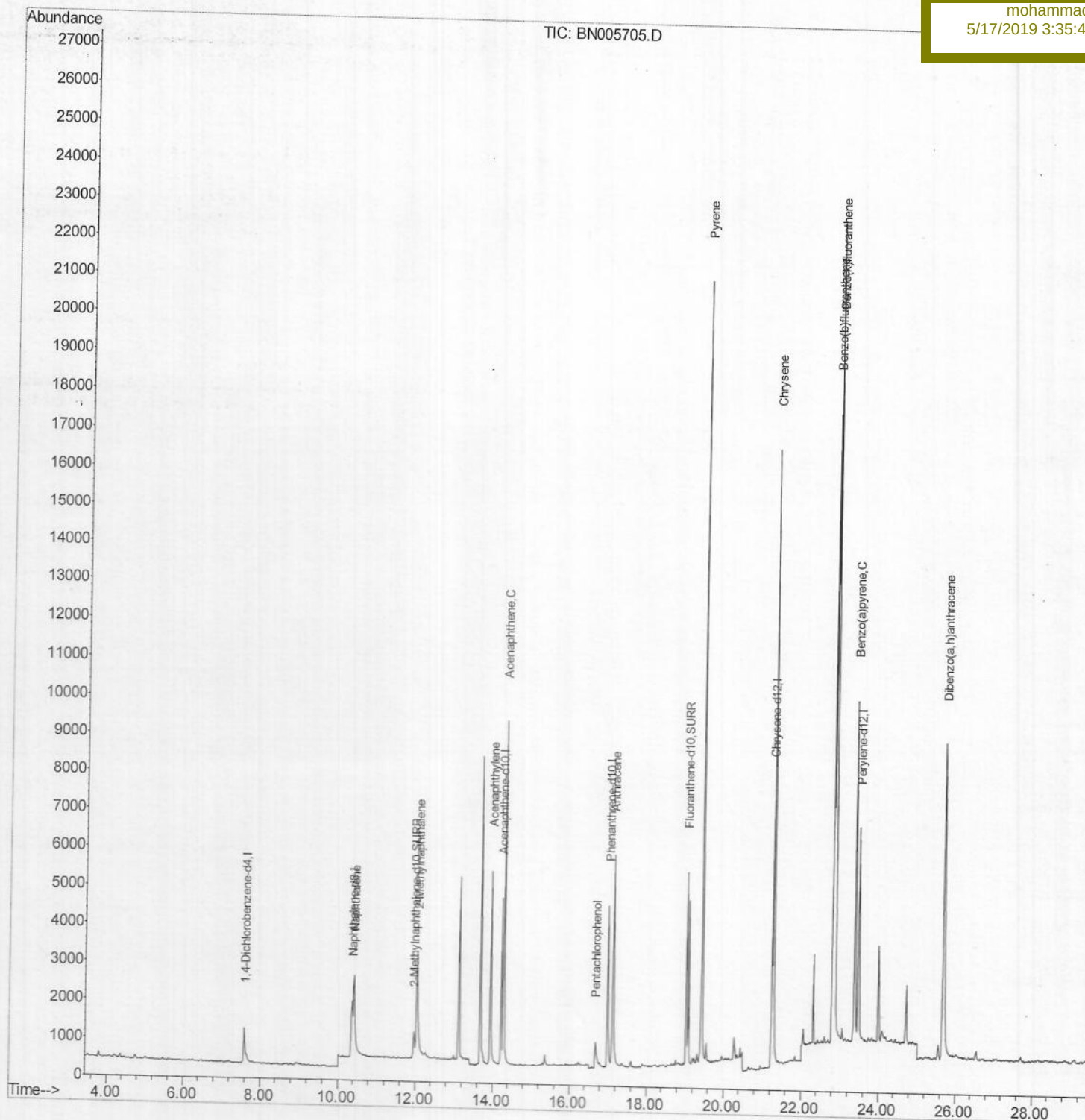
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
 Data File : BN005705.D
 Acq On : 16 May 2019 13:04
 Operator : JU/SJ
 Sample : K2690-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 14:47:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A5116

Manual Integrations
 APPROVED

mohammad
 5/17/2019 3:35:48 PM



Quantitation Report (Qedit)

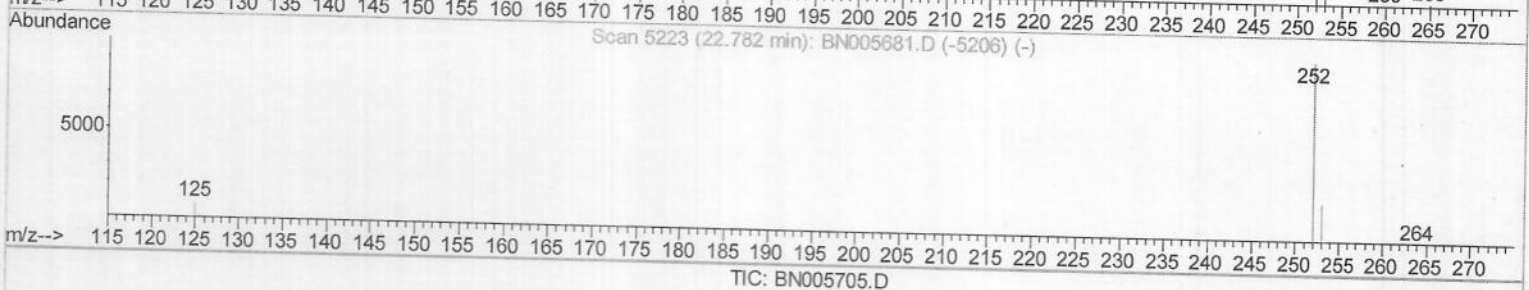
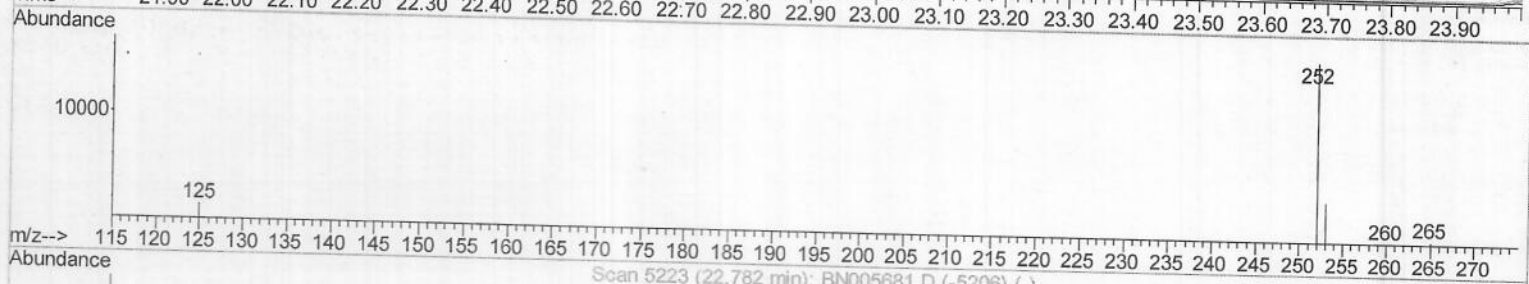
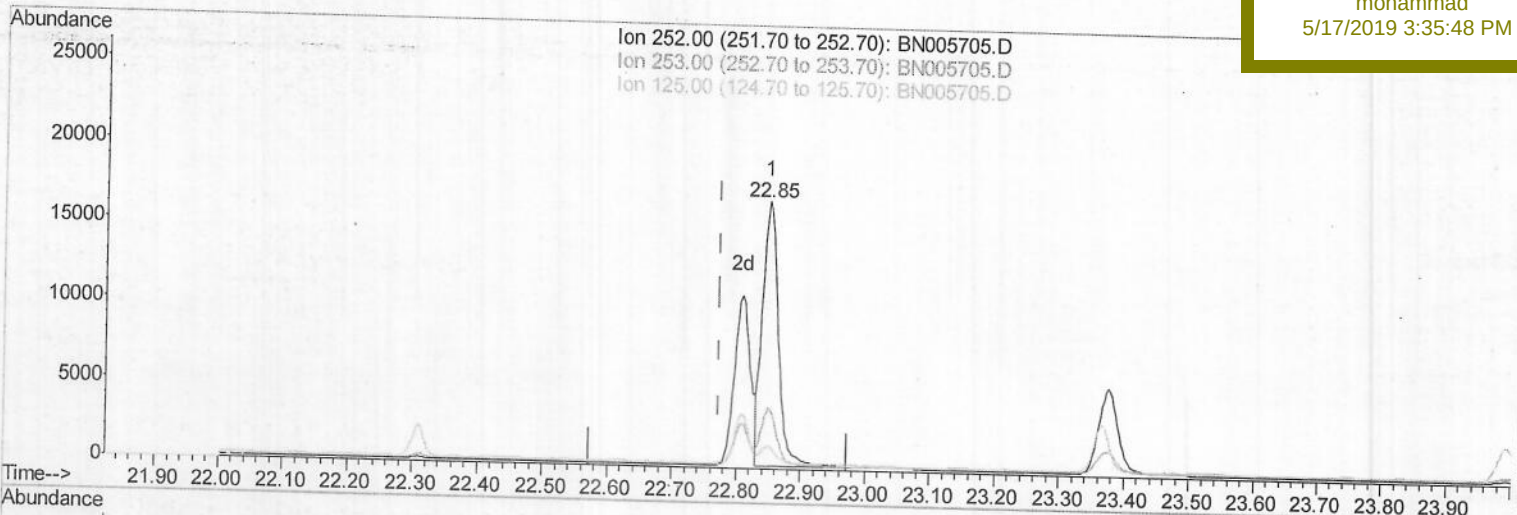
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
 Data File : BN005705.D
 Acq On : 16 May 2019 13:04
 Operator : JU/SJ
 Sample : K2690-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5116

Manual Integrations
 APPROVED

mohammad
 5/17/2019 3:35:48 PM

Quant Time: May 16 14:42:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.849min (+0.076) 1.26ng/ul
 response 29610

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	23.02
125.00	10.40	8.48
0.00	0.00	0.00

Quantitation Report (Qedit)

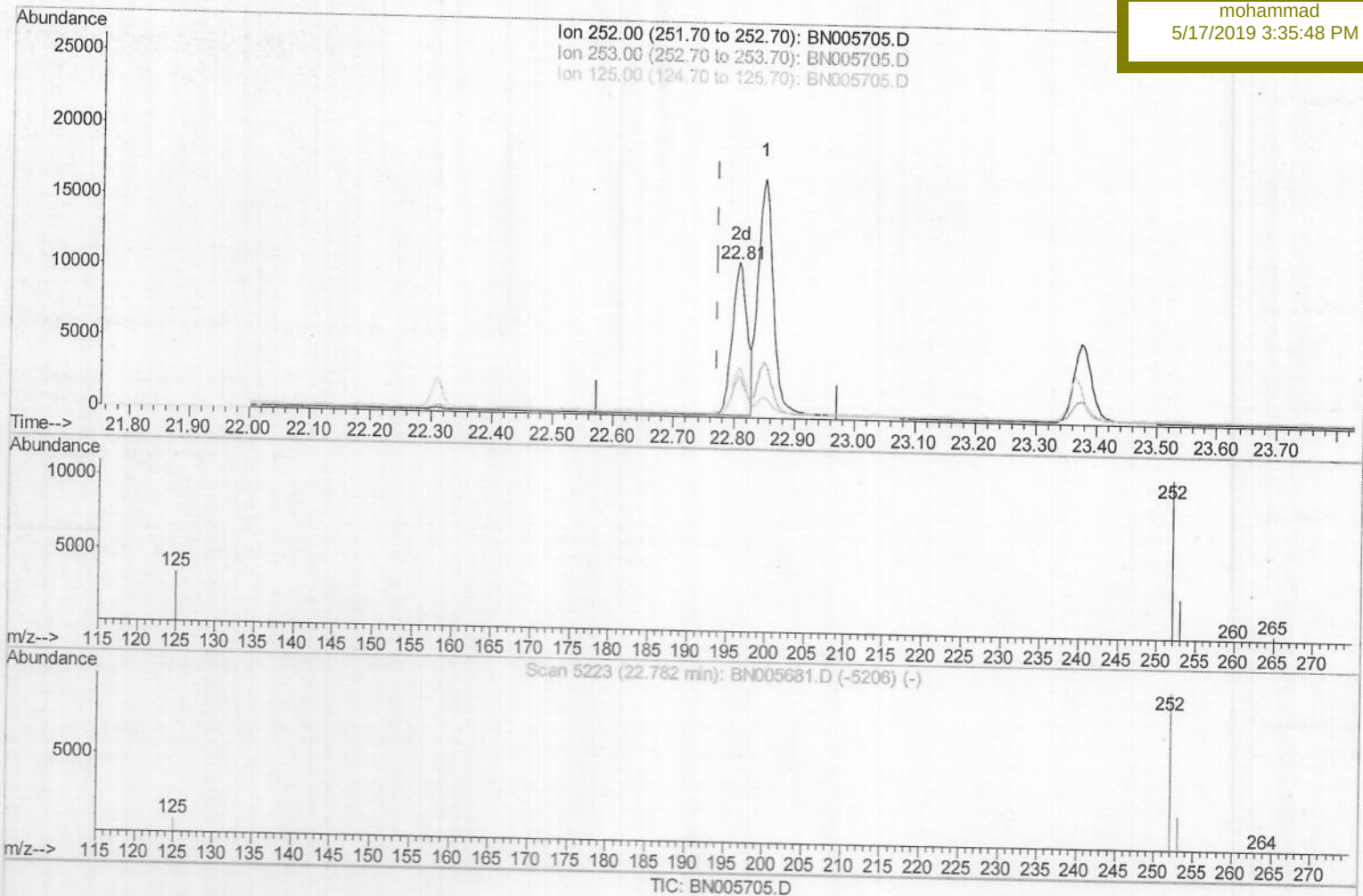
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
 Data File : BN005705.D
 Acq On : 16 May 2019 13:04
 Operator : JU/SJ
 Sample : K2690-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 14:42:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sample Id :
 A5116

Manual Integrations
 APPROVED

mohammad
 5/17/2019 3:35:48 PM



(21) Benzo(b)fluoranthene

22.808min (+0.035) 0.78ng/ul m) JU05/22/19

response 18341

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	26.00
125.00	10.40	31.75#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
 Data File : BN005705.D
 Acq On : 16 May 2019 13:04
 Operator : JU/SJ
 Sample : K2690-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5116

Quant Time: May 16 14:47:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 5/17/2019 3:35:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	884	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	3869	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	2701	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	6966	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	7623	0.40	ng/ul	0.02
20) Perylene-d12	23.47	264	7814	0.40	ng/ul	0.04

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	1855	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	6916	0.32	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.41	128	4798	0.469	ng/ul	98
5) 2-Methylnaphthalene	12.03	142	3831	0.548	ng/ul	99
7) Acenaphthylene	13.94	152	7183	0.528	ng/ul	99
8) Acenaphthene	14.28	153	5824	0.605	ng/ul	99
11) Pentachlorophenol	16.68	266	1348	0.747	ng/ul	90
13) Anthracene	17.12	178	8808	0.465	ng/ul	100
17) Pyrene	19.43	202	19943	0.708	ng/ul	96
19) Chrysene	21.27	228	16061	0.498	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	18341m)	0.781	ng/ul	99
22) Benzo(k)fluoranthene	22.85	252	29530	1.003	ng/ul	99
23) Benzo(a)pyrene	23.38	252	11603	0.442	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.68	278	15345	0.632	ng/ul	99

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

JU 05/22/19