

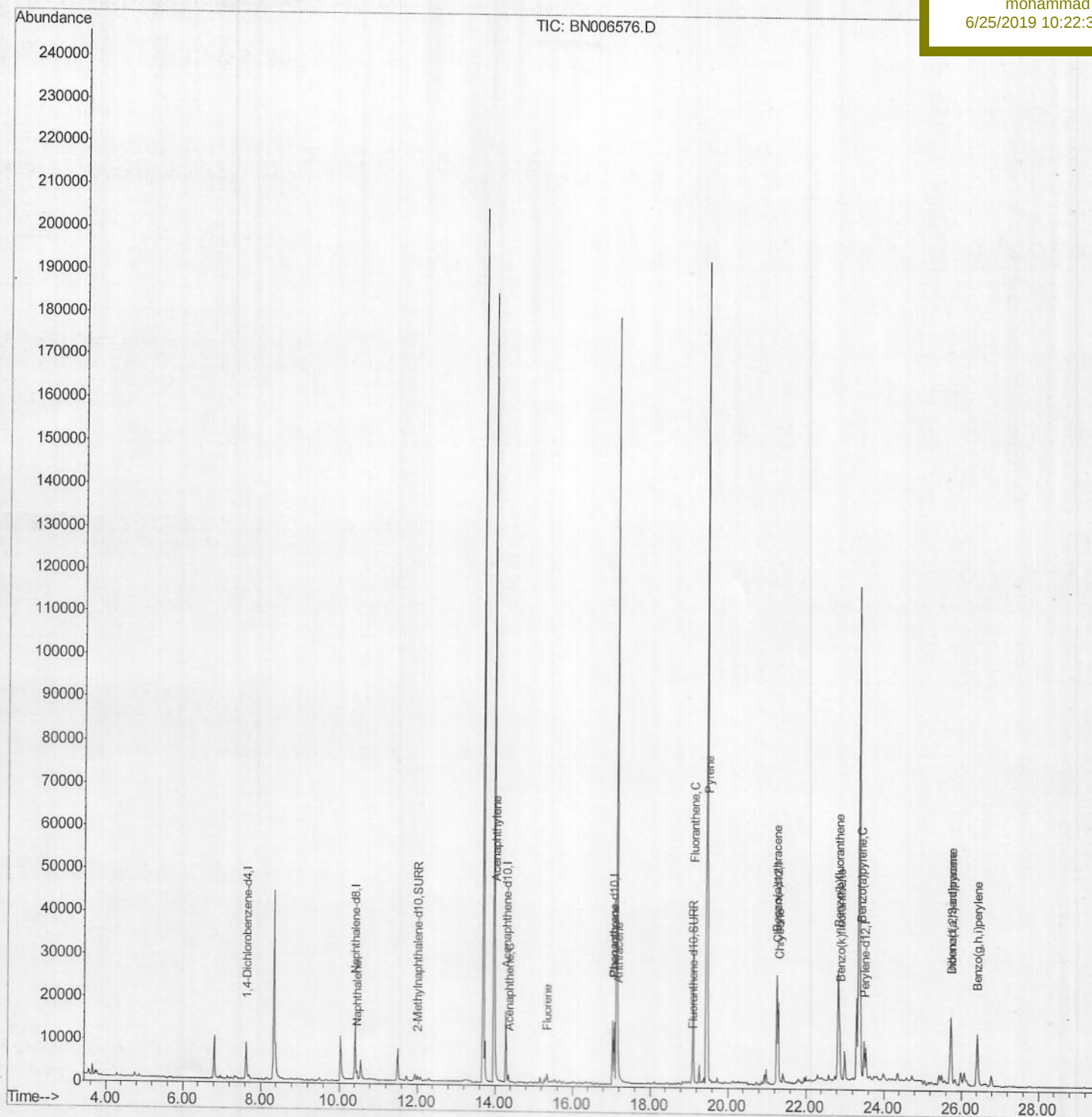
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
Data File : BN006576.D
Acq On : 25 Jun 2019 18:34
Operator : HP/JU
Sample : K3362-16DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jun 25 19:07:26 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A4207DL

Manual Integrations
APPROVED

mohammad
6/25/2019 10:22:31 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006576.D

Acq On : 25 Jun 2019 18:34

Operator : HP/JU

Sample : K3362-16DL 5X

Misc :

ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jun 25 19:05:35 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 : Tue Jun 25 07:15:41 2019

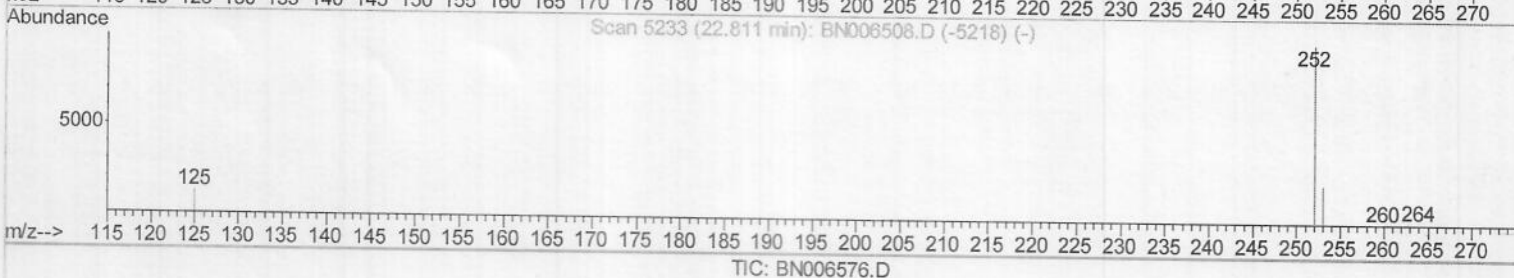
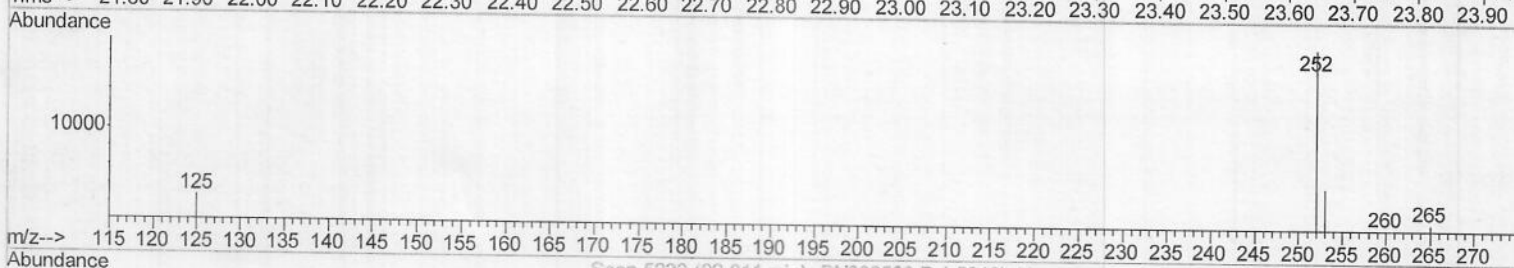
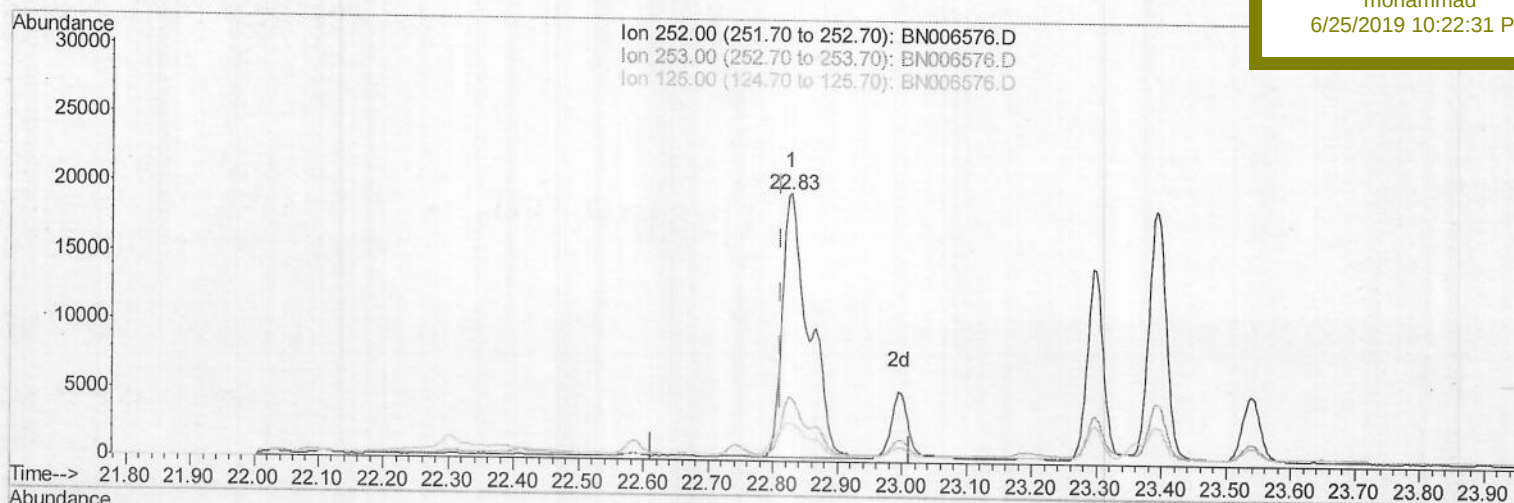
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4207DL

Manual Integrations
APPROVEDmohammad
6/25/2019 10:22:31 PM

(21) Benzo(b)fluoranthene

22.827min (+0.016) 1.06ng/ul

response 56061

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.77
125.00	20.50	14.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006576.D

Acq On : 25 Jun 2019 18:34

Operator : HP/JU

Sample : K3362-16DL 5X

Misc :

ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jun 25 19:05:35 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 : Tue Jun 25 07:15:41 2019

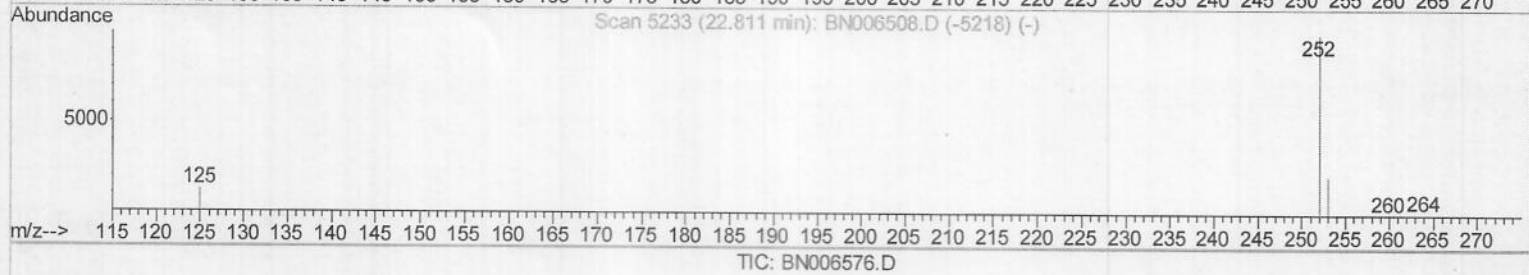
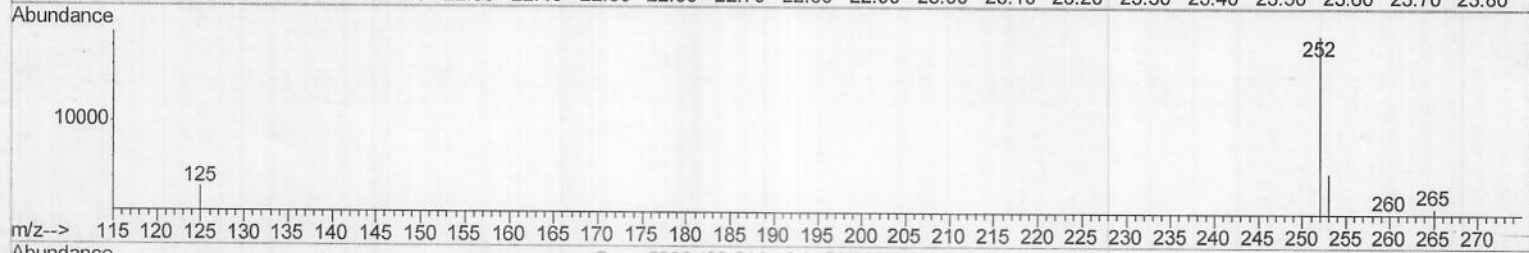
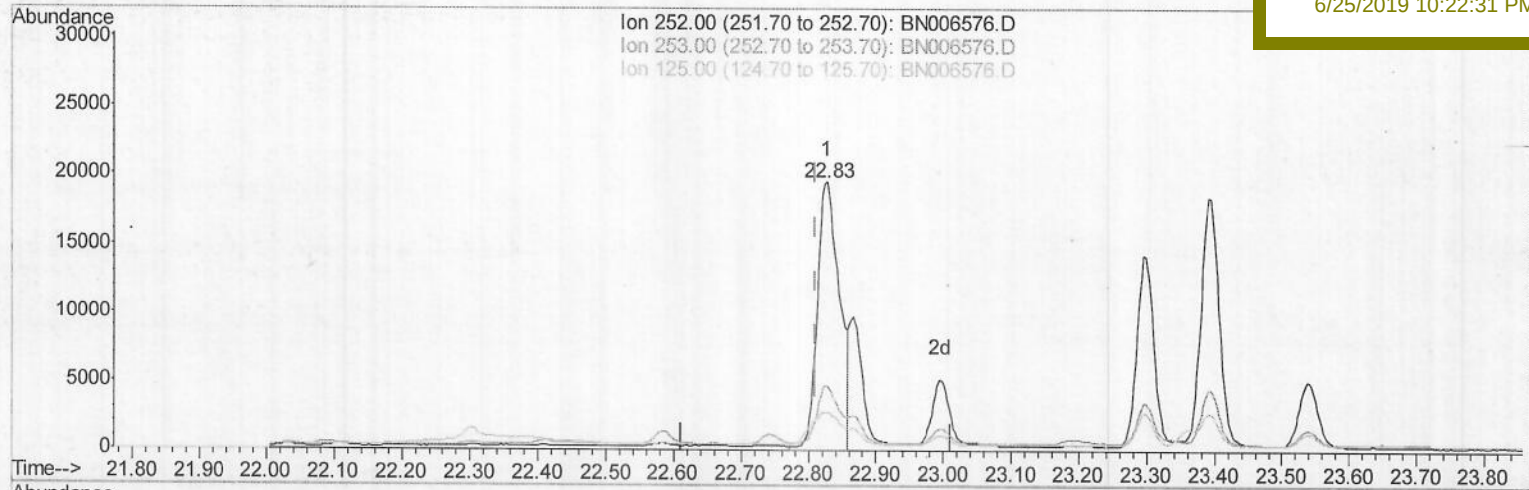
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4207DL

Manual Integrations
APPROVEDmohammad
6/25/2019 10:22:31 PM

(21) Benzo(b)fluoranthene

22.827min (+0.016) 0.83ng/ul m

response 43881

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.77
125.00	20.50	14.15
0.00	0.00	0.00

7 JU 06/26/19

Quantitation Report (Qedit)

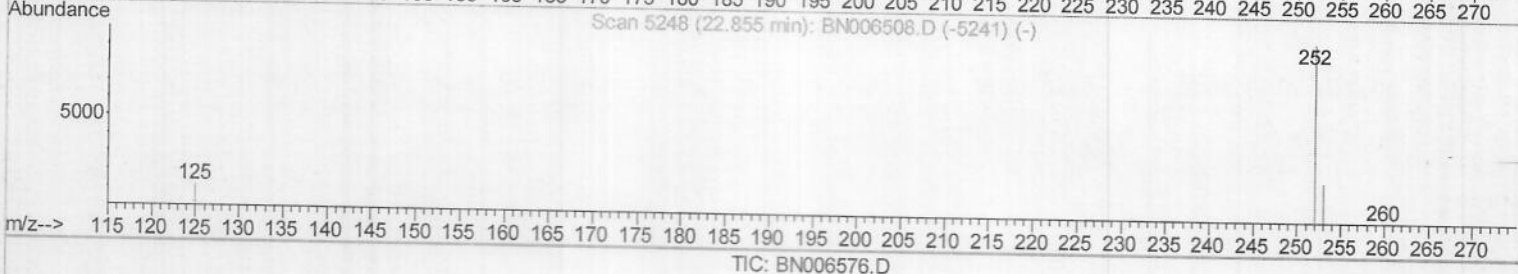
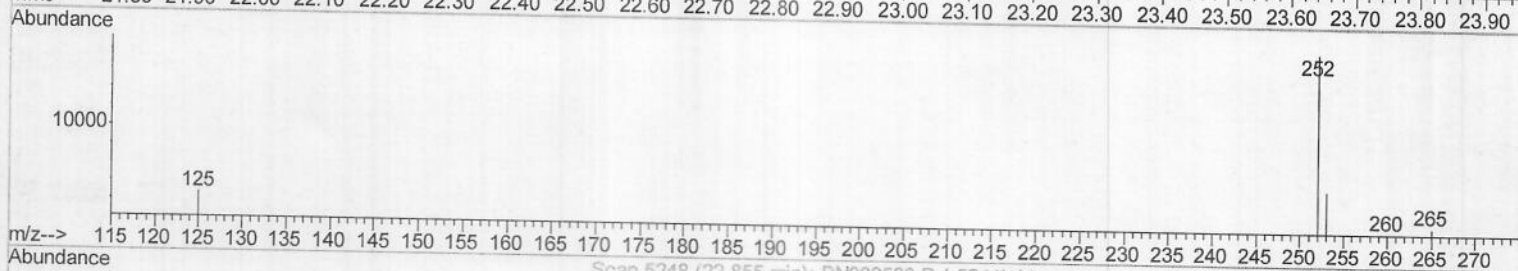
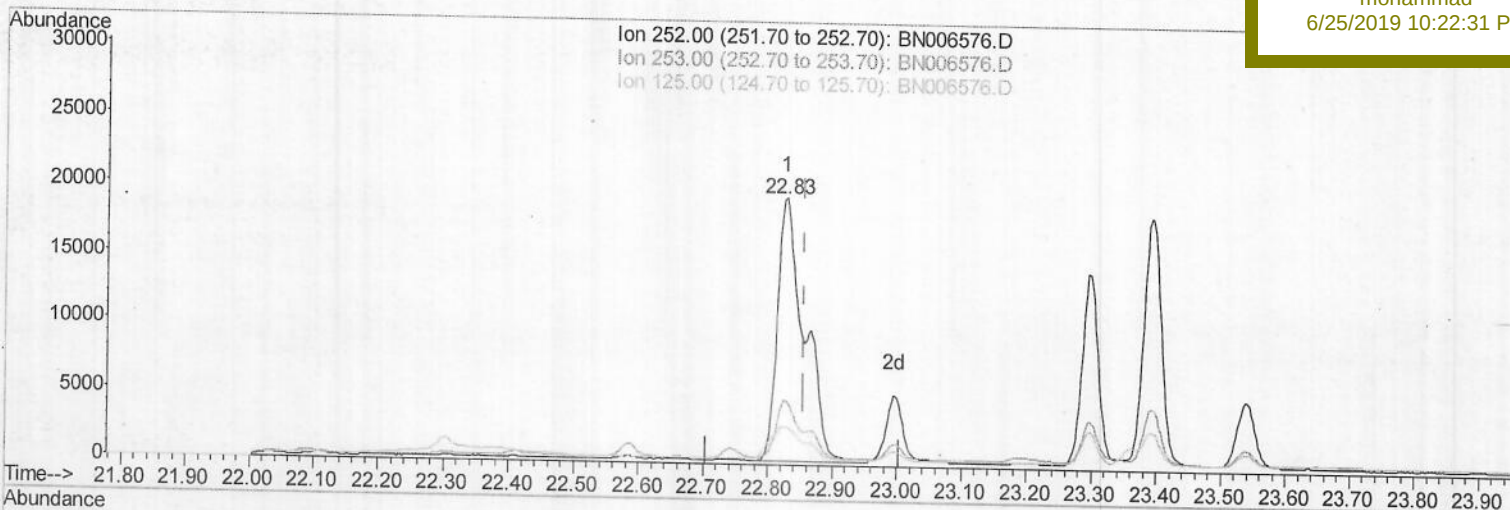
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
 Data File : BN006576.D
 Acq On : 25 Jun 2019 18:34
 Operator : HP/JU
 Sample : K3362-16DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jun 25 19:05:35 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
ClientSampleId :
 A4207DL

Manual Integrations
APPROVED

mohammad
 6/25/2019 10:22:31 PM



(22) Benzo(k)fluoranthene
 22.827min (-0.028) 1.09ng/ui
 response 56061

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.77
125.00	17.90	14.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006576.D

Acq On : 25 Jun 2019 18:34

Operator : HP/JU

Sample : K3362-16DL 5X

Misc :

ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jun 25 19:05:35 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 : Tue Jun 25 07:15:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

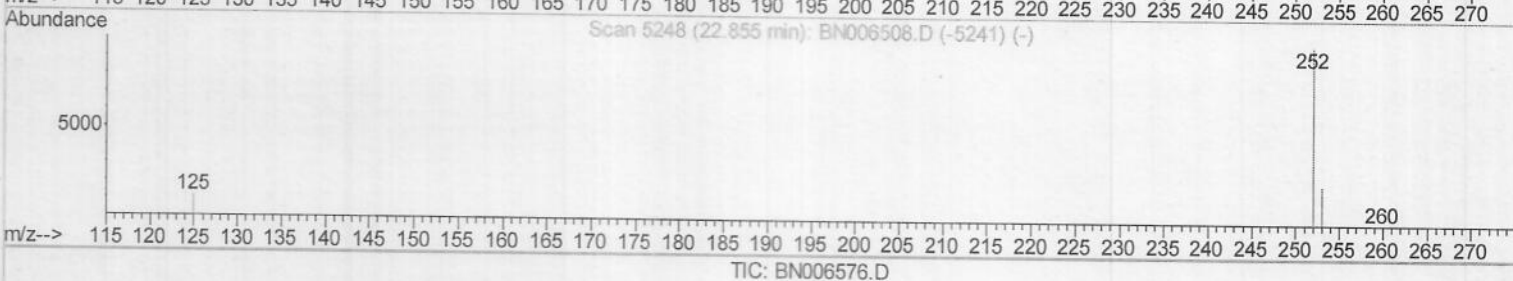
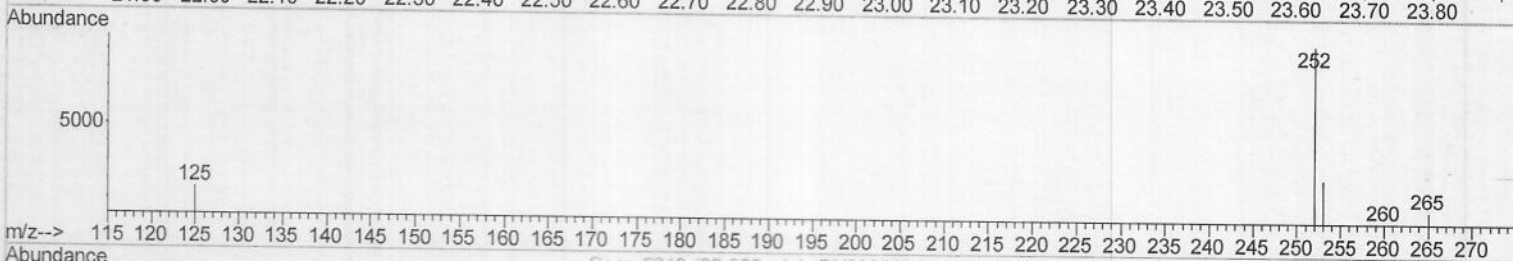
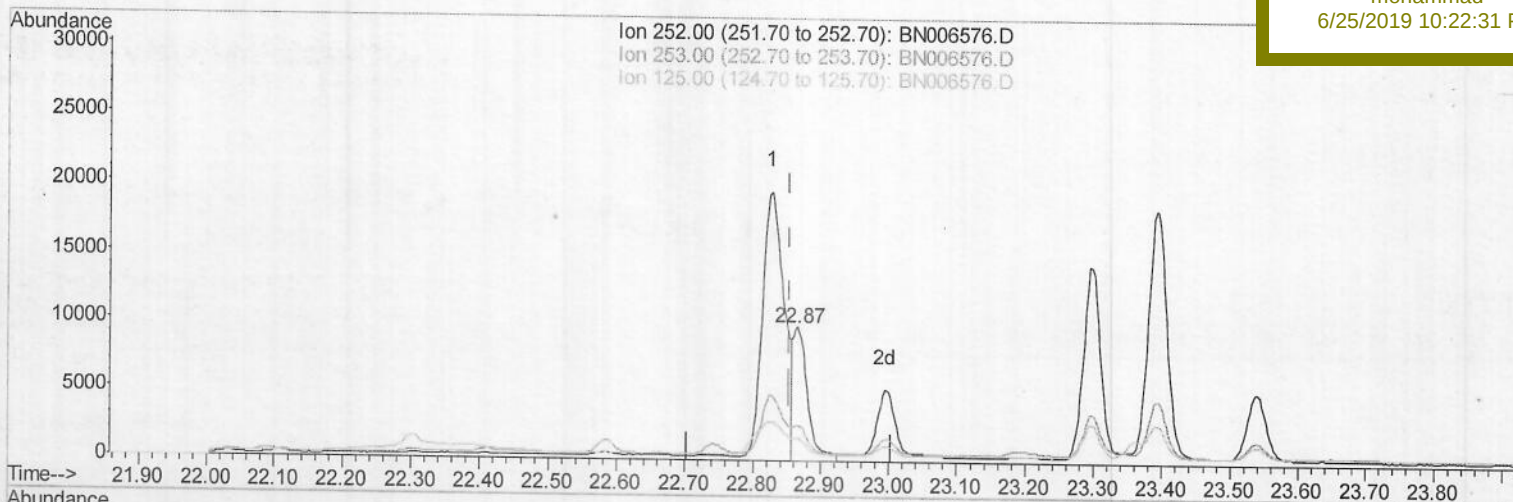
A4207DL

Manual Integrations

APPROVED

mohammad

6/25/2019 10:22:31 PM



(22) Benzo(k)fluoranthene

22.865min (+0.010) 0.28ng/ul m > JU 06/26/19

response 14557

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	25.87
125.00	17.90	16.59
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
 Data File : BN006576.D
 Acq On : 25 Jun 2019 18:34
 Operator : HP/JU
 Sample : K3362-16DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4207DL

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:22:31 PM

Quant Time: Jun 25 19:07:26 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5409	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	20168	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9439	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	16757	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9743	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	12693	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	1762	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2507	0.06	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	2637	0.047	ng/ul#	93
7) Acenaphthylene	14.00	152	15082	0.287	ng/ul	99
8) Acenaphthene	14.34	153	1048	0.029	ng/ul	95
9) Fluorene	15.34	166	1686	0.040	ng/ul#	92
12) Phenanthrene	17.08	178	15165	0.282	ng/ul	99
13) Anthracene	17.17	178	8911	0.173	ng/ul	97
15) Fluoranthene	19.11	202	34383	0.579	ng/ul	99
17) Pyrene	19.48	202	45291	0.883	ng/ul	98
18) Benzo(a)anthracene	21.24	228	19025	0.441	ng/ul	95
19) Chrysene	21.30	228	21526	0.532	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	43881m	0.829	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	14557m	0.282	ng/ul	
23) Benzo(a)pyrene	23.39	252	33766	0.685	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.73	276	25632	0.480	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	6063	0.142	ng/ul#	92
26) Benzo(g,h,i)perylene	26.41	276	24115	0.540	ng/ul	96

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

JU
 06/26/19