

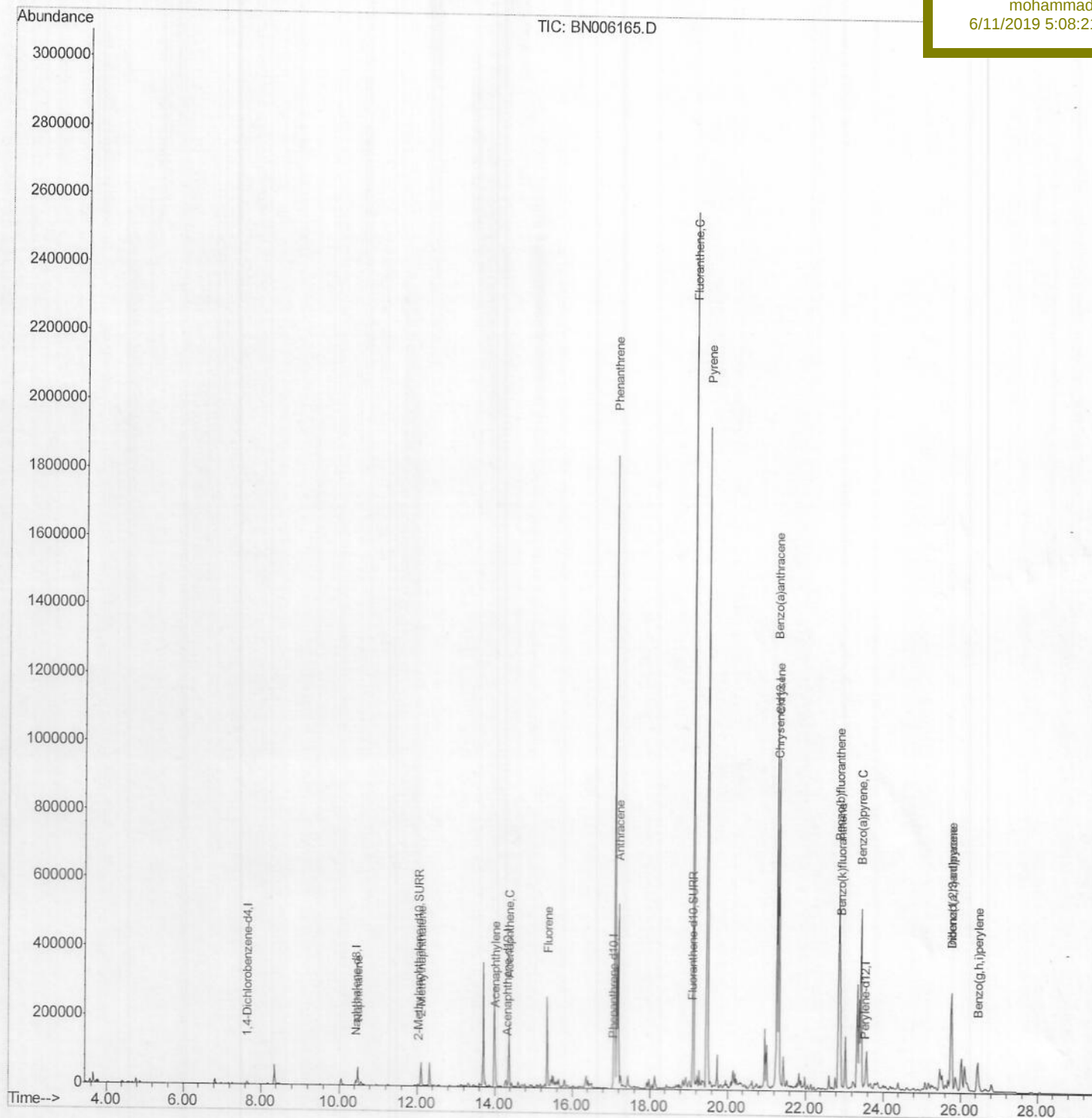
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060619\
Data File : BN006165.D
Acq On : 07 Jun 2019 14:06
Operator : JU/SJ
Sample : K3202-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 07 15:07:32 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
C0AD2

Manual Integrations
APPROVED

mohammad
6/11/2019 5:08:21 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060619\

Data File : BN006165.D

Acq On : 07 Jun 2019 14:06

Operator : JU/SJ

Sample : K3202-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 07 15:05:05 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 : Fri Jun 07 01:31:14 2019

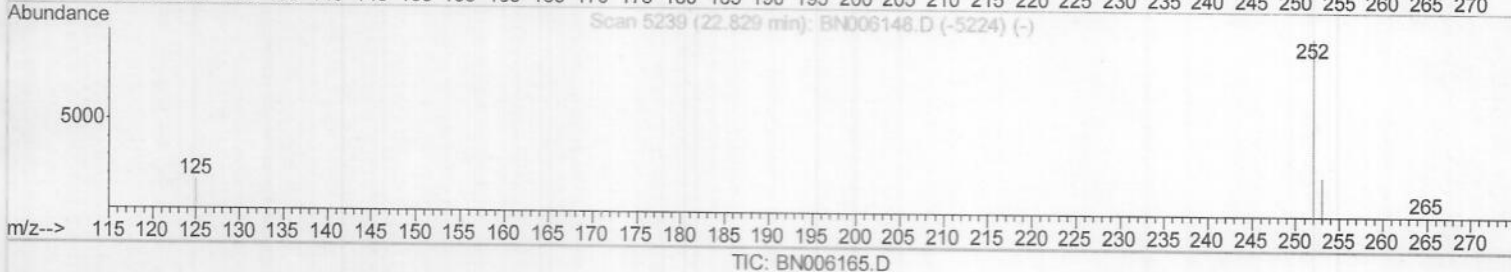
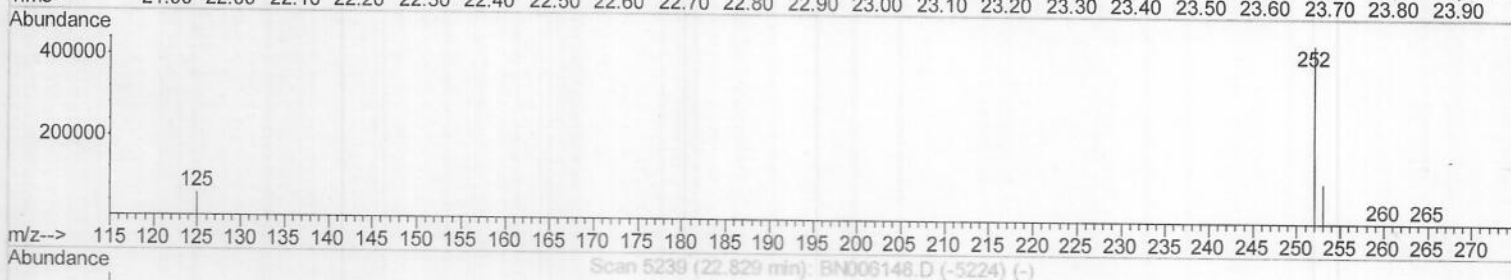
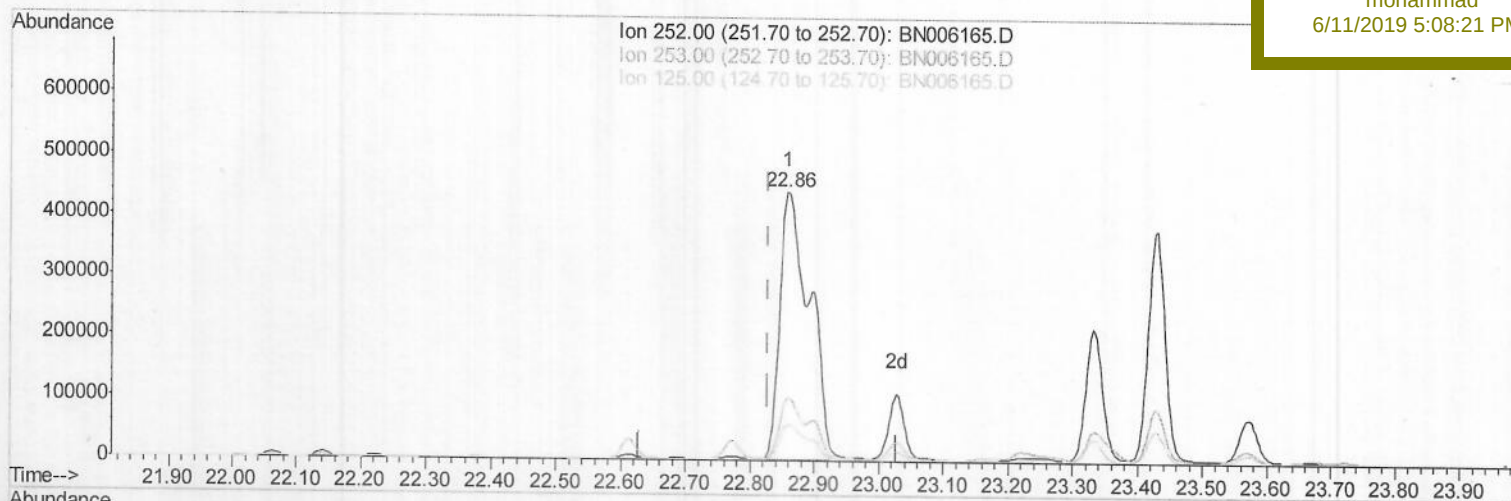
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AD2

Manual Integrations
APPROVEDmohammad
6/11/2019 5:08:21 PM

(21) Benzo(b)fluoranthene

22.858min (+0.029) 15.22ng/ul

response 1427121

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.03
125.00	20.50	13.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060619\

Data File : BN006165.D

Acq On : 07 Jun 2019 14:06

Operator : JU/SJ

Sample : K3202-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 07 15:05:05 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 : Fri Jun 07 01:31:14 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

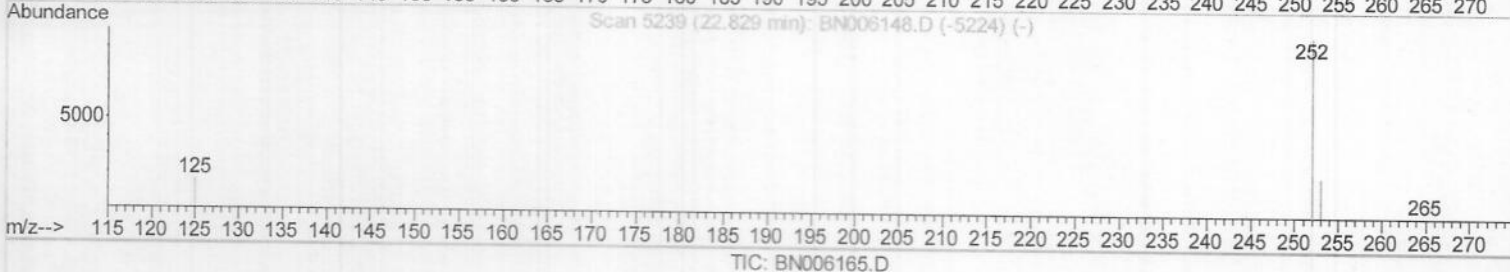
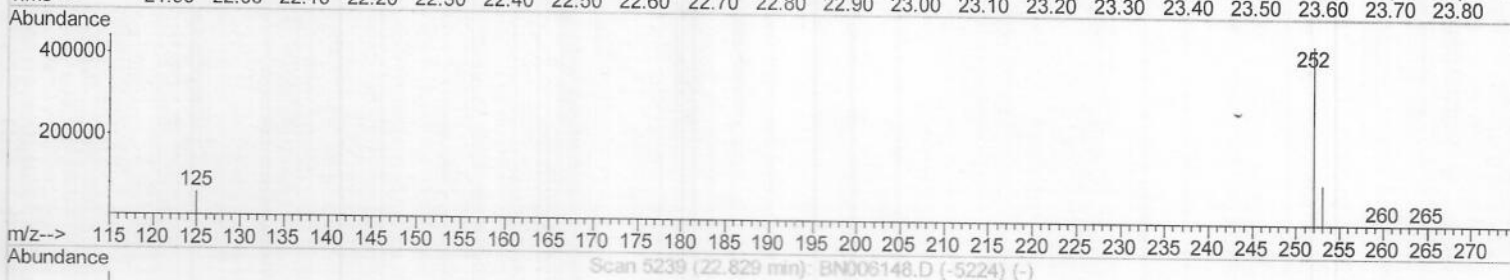
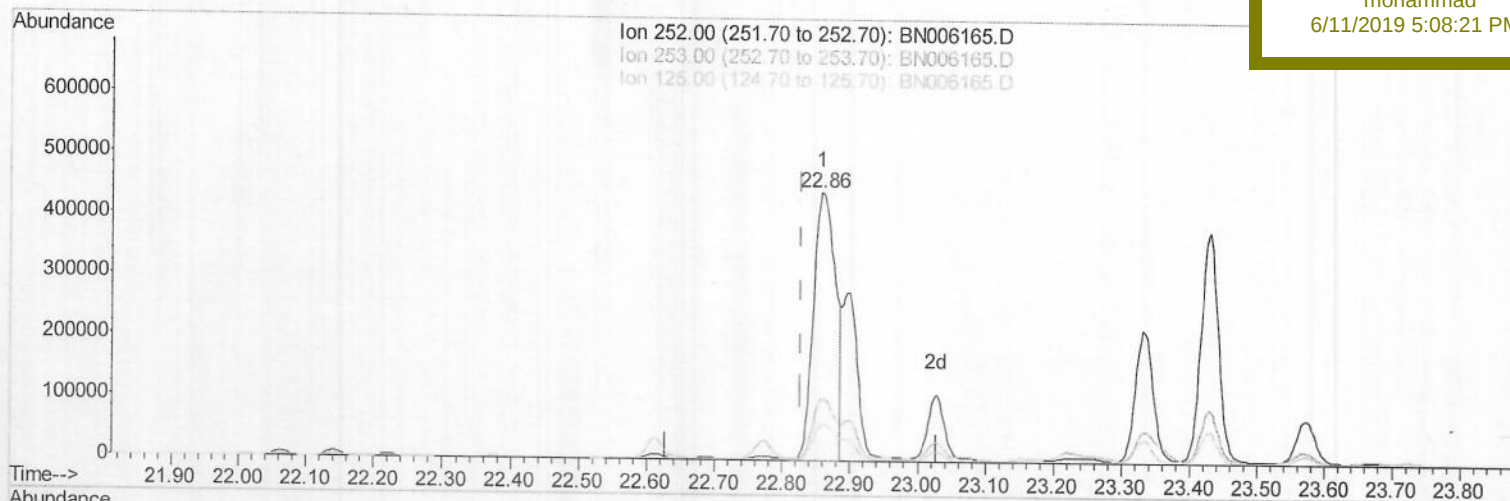
C0AD2

Manual Integrations

APPROVED

mohammad

6/11/2019 5:08:21 PM



(21) Benzo(b)fluoranthene

22.858min (+0.029) 10.47ng/ul m

response 981941

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.03
125.00	20.50	13.16
0.00	0.00	0.00

JU
06/07/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060619\

Data File : BN006165.D

Acq On : 07 Jun 2019 14:06

Operator : JU/SJ

Sample : K3202-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 07 15:05:05 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 : Fri Jun 07 01:31:14 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

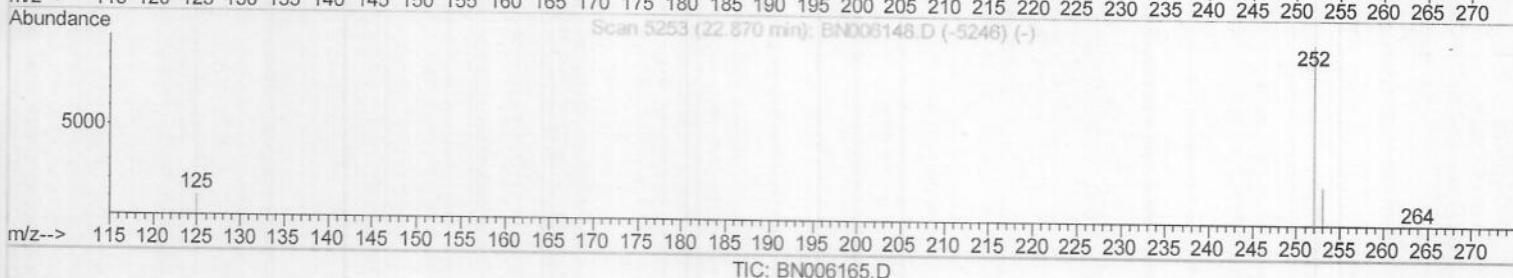
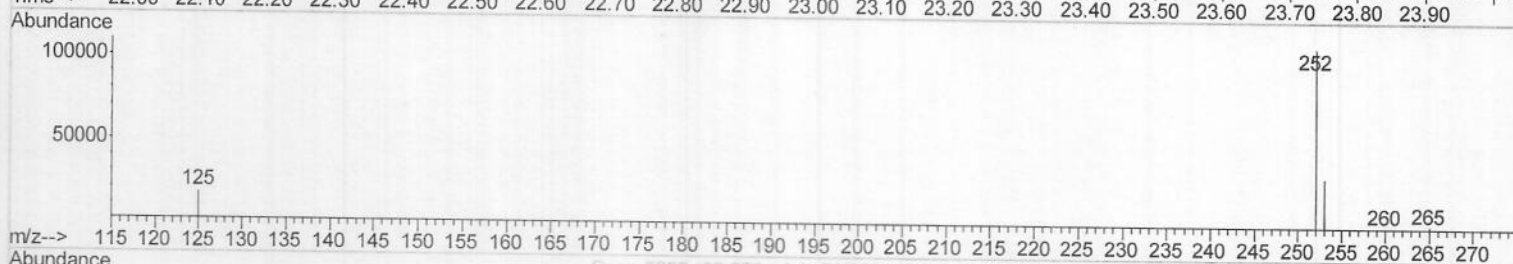
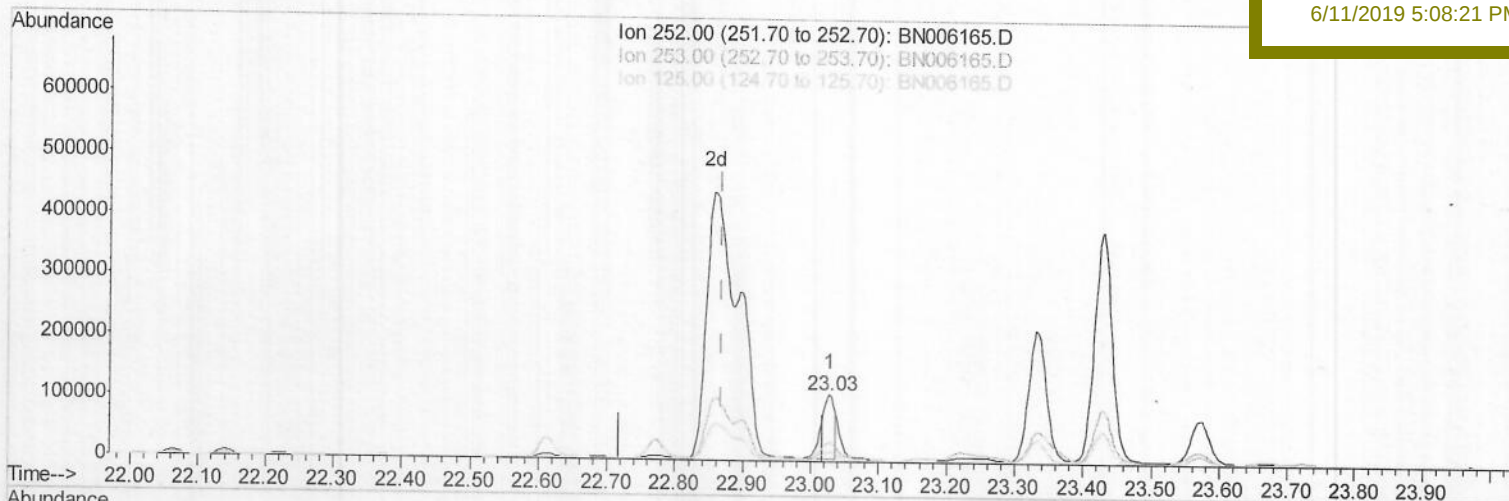
C0AD2

Manual Integrations

APPROVED

mohammad

6/11/2019 5:08:21 PM



(22) Benzo(k)fluoranthene

23.027min (+0.158) 1.52ng/ul

response 138971

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	28.66
125.00	17.90	15.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060619\

Data File : BN006165.D

Acq On : 07 Jun 2019 14:06

Operator : JU/SJ

Sample : K3202-01

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 07 15:05:05 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 : Fri Jun 07 01:31:14 2019

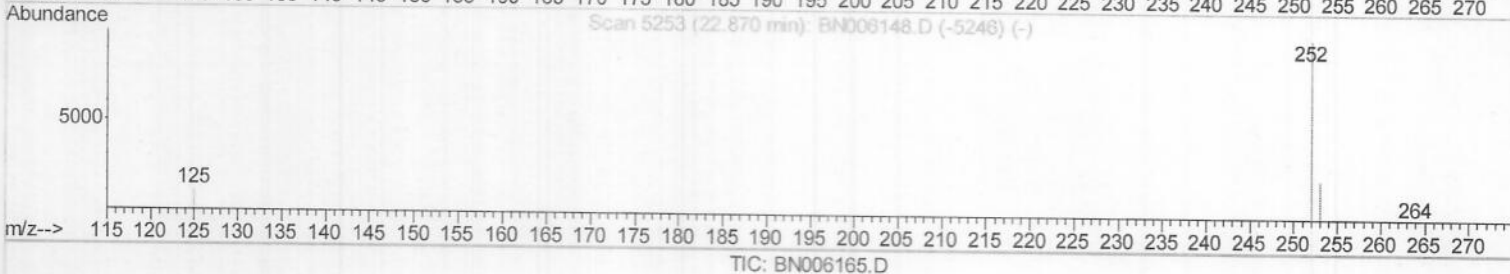
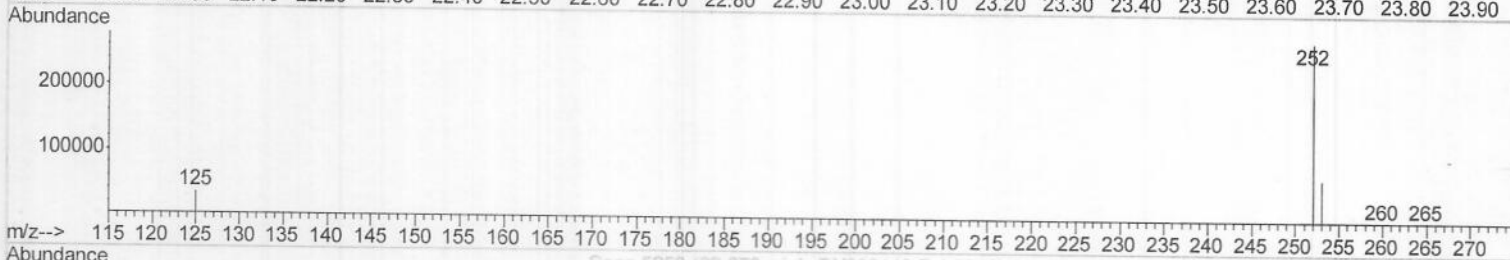
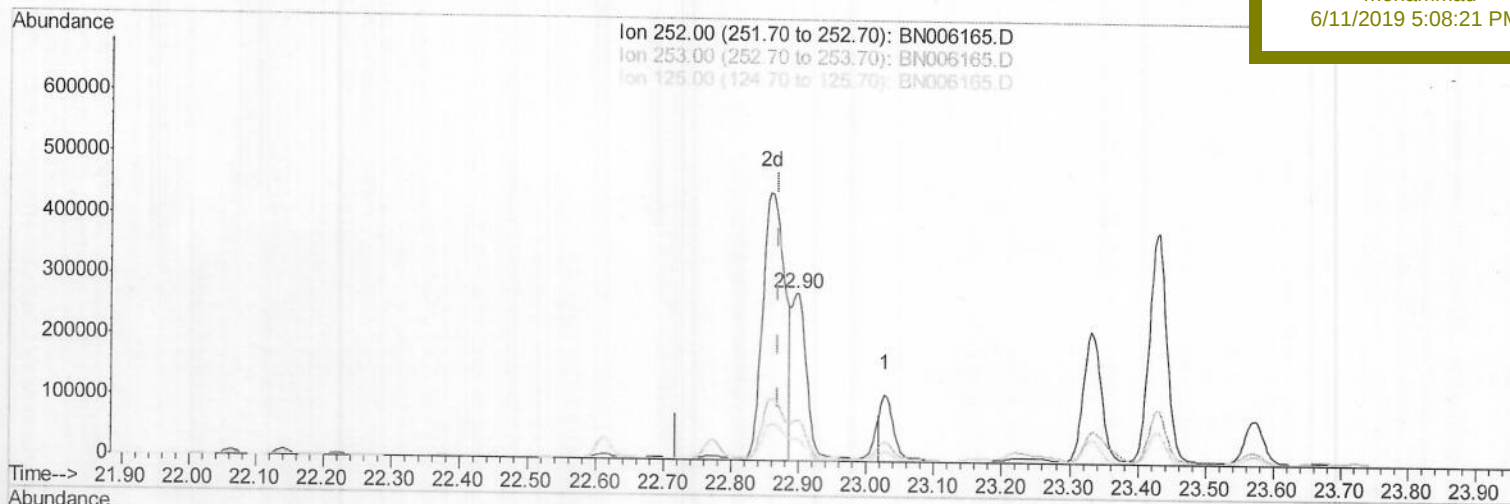
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AD2

Manual Integrations
APPROVEDmohammad
6/11/2019 5:08:21 PM

(22) Benzo(k)fluoranthene

22.896min (+0.026) 5.05ng/ul m

response 461115

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.89
125.00	17.90	12.78#
0.00	0.00	0.00

JU
06/07/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060619\
 Data File : BN006165.D
 Acq On : 07 Jun 2019 14:06
 Operator : JU/SJ
 Sample : K3202-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Quant Time: Jun 07 15:07:32 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:08:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5058	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19073	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9821	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19761	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	15688	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	22488	0.40	ng/ul	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.02	152	5295	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11326	0.21	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	73273	1.392	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	54211	1.478	ng/ul	100
7) Acenaphthylene	14.01	152	96285	1.764	ng/ul	99
8) Acenaphthene	14.36	153	104032	2.747	ng/ul	99
9) Fluorene	15.35	166	165084	3.726	ng/ul	98
12) Phenanthrene	17.09	178	1945804	30.675	ng/ul	99
13) Anthracene	17.19	178	539588	8.907	ng/ul	99
15) Fluoranthene	19.13	202	2106449	30.073	ng/ul	97
17) Pyrene	19.49	202	1633583	19.769	ng/ul	98
18) Benzo(a)anthracene	21.27	228	1041972	15.017	ng/ul	99
19) Chrysene	21.32	228	889091	13.649	ng/ul	97
21) Benzo(b)fluoranthene	22.86	252	981941m	10.472	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	461115m	5.049	ng/ul	
23) Benzo(a)pyrene	23.43	252	678070	7.764	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.76	276	405275	4.287	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.77	278	137474	1.819	ng/ul	95
26) Benzo(g,h,i)perylene	26.45	276	171647	2.168	ng/ul	95

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

JU
 06/07/19