

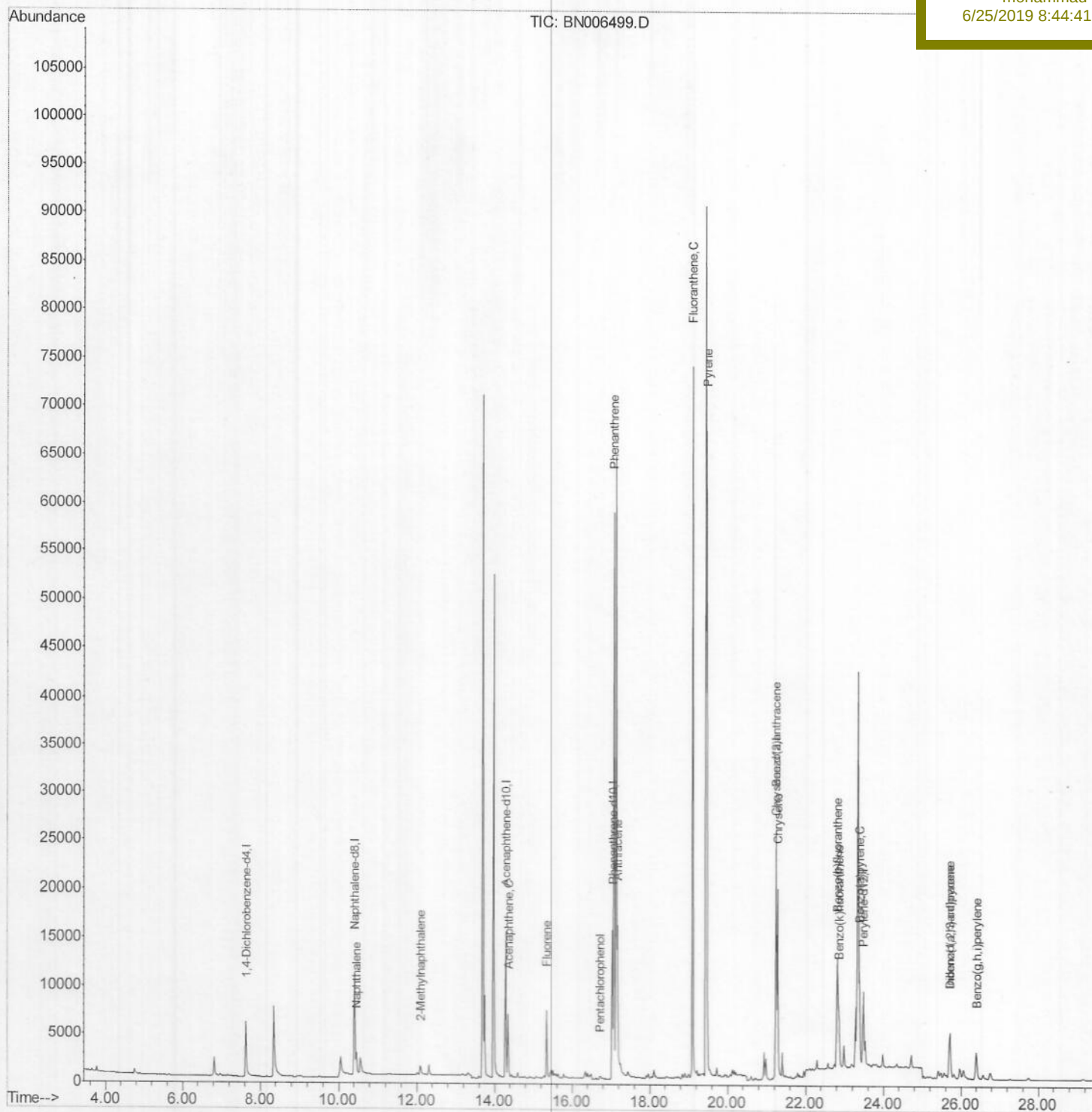
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
Data File : BN006499.D
Acq On : 22 Jun 2019 20:59
Operator : HP/JU
Sample : K3335-22DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 24 08:52:21 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A41Y0DL

Manual Integrations
APPROVED

mohammad
6/25/2019 8:44:41 AM



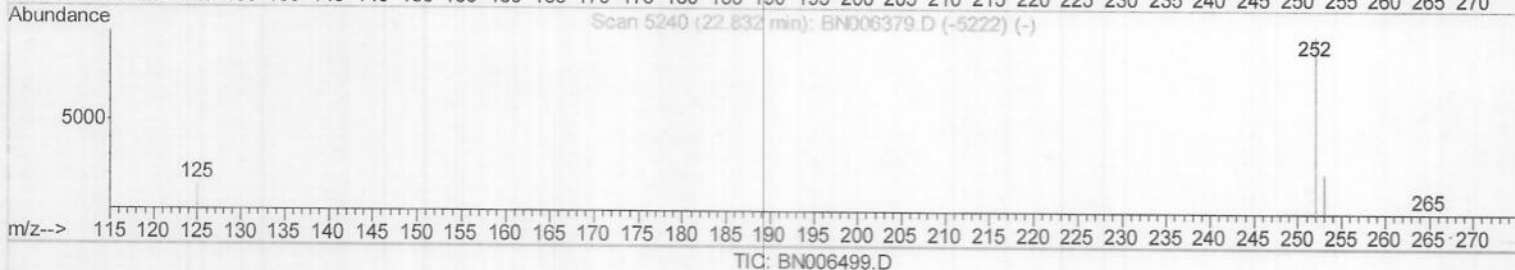
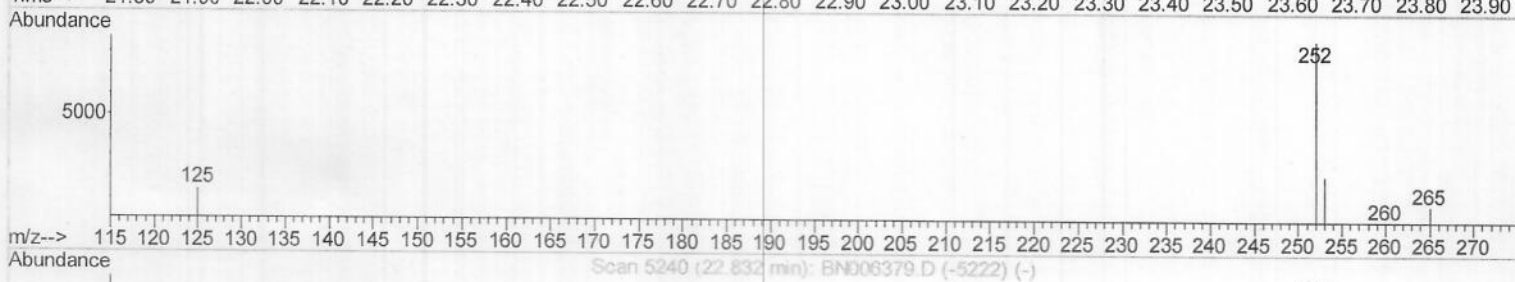
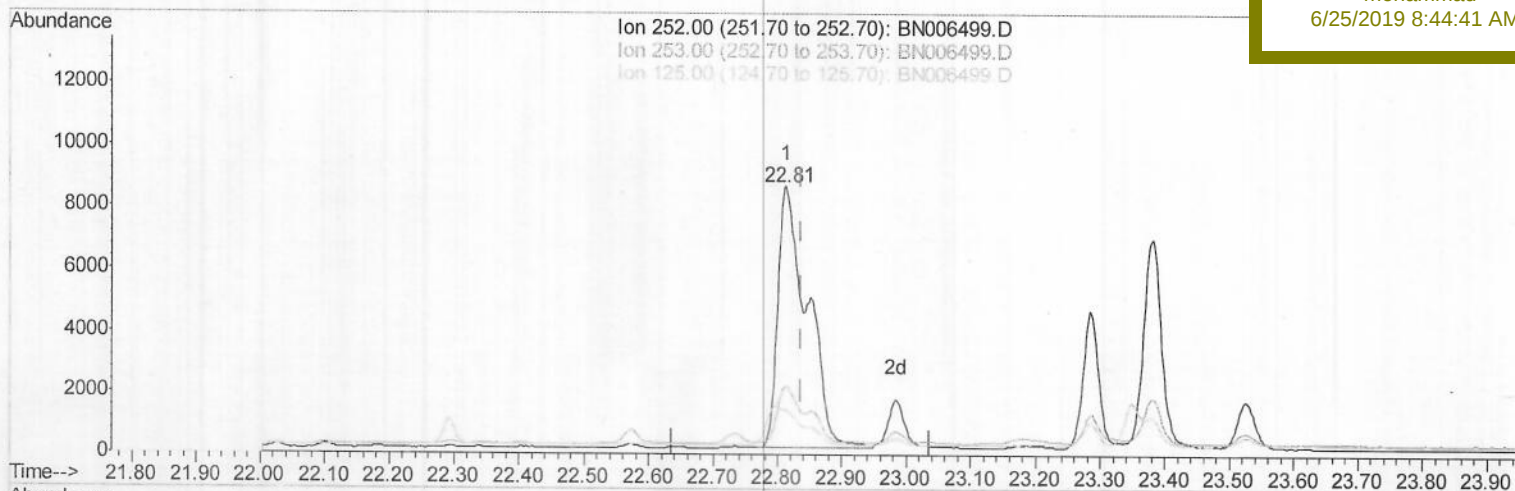
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
Data File : BN006499.D
Acq On : 22 Jun 2019 20:59
Operator : HP/JU
Sample : K3335-22DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 24 08:51:23 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41Y0DL

Manual Integrations
APPROVED

mohammad
6/25/2019 8:44:41 AM



(21) Benzo(b)fluoranthene
22.814min (-0.023) 0.58ng/ul
response 27180

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	25.81
125.00	20.50	16.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\

Data File : BN006499.D

Acq On : 22 Jun 2019 20:59

Operator : HP/JU

Sample : K3335-22DL 10X

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 24 08:51:23 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

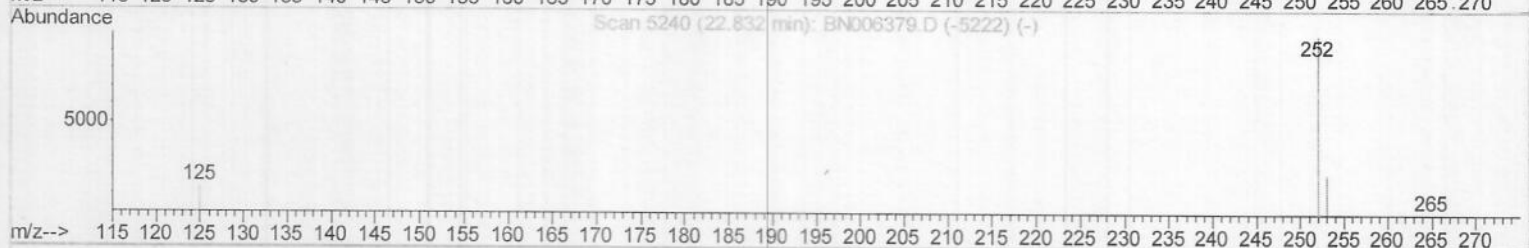
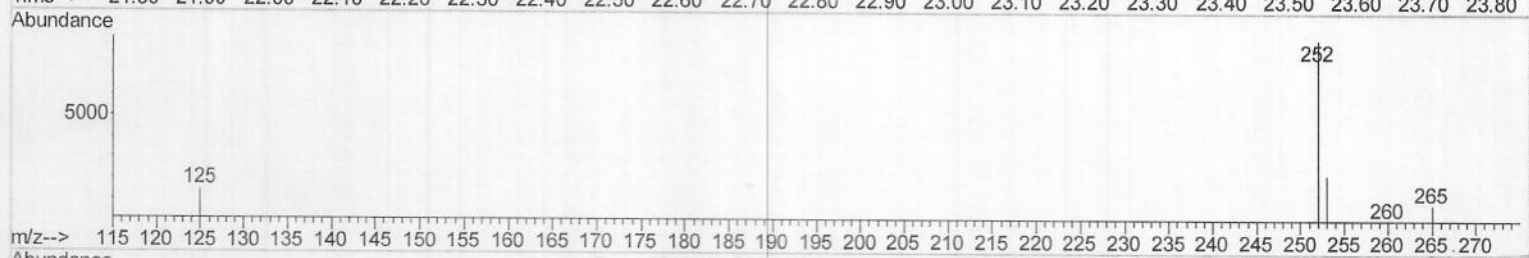
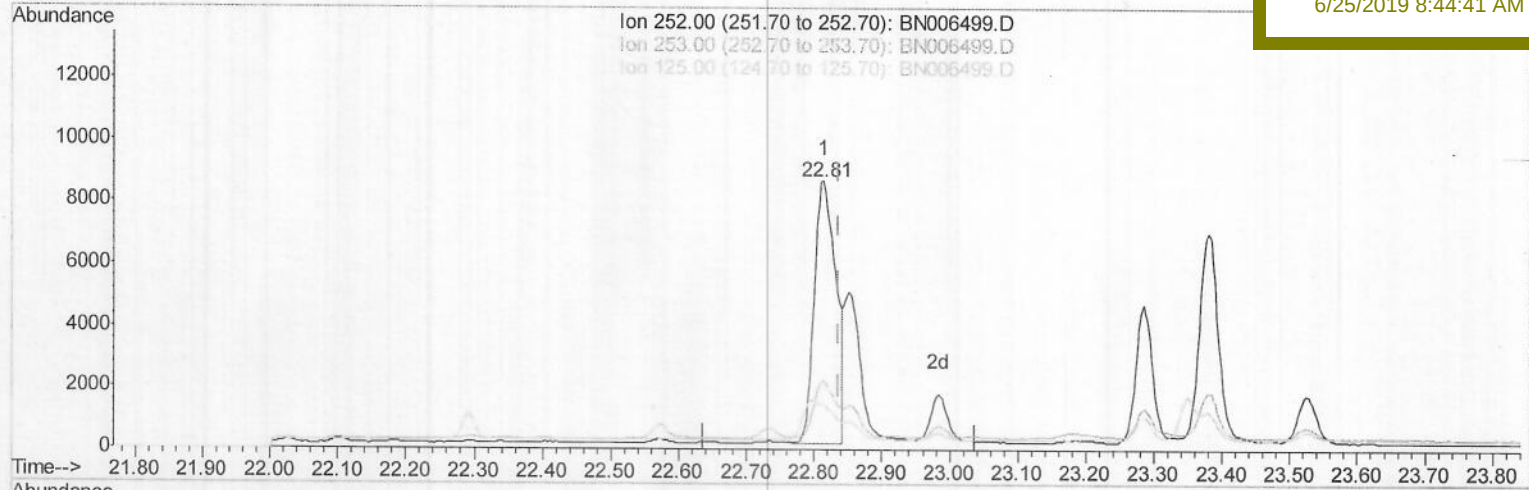
A41Y0DL

Manual Integrations

APPROVED

mohammad

6/25/2019 8:44:41 AM



TIC: BN006499.D

(21) Benzo(b)fluoranthene

22.814min (-0.023) 0.40ng/ul m > JU 06/25/19

response 18552

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	25.81
125.00	20.50	16.63
0.00	0.00	0.00

Quantitation Report (Qedit)

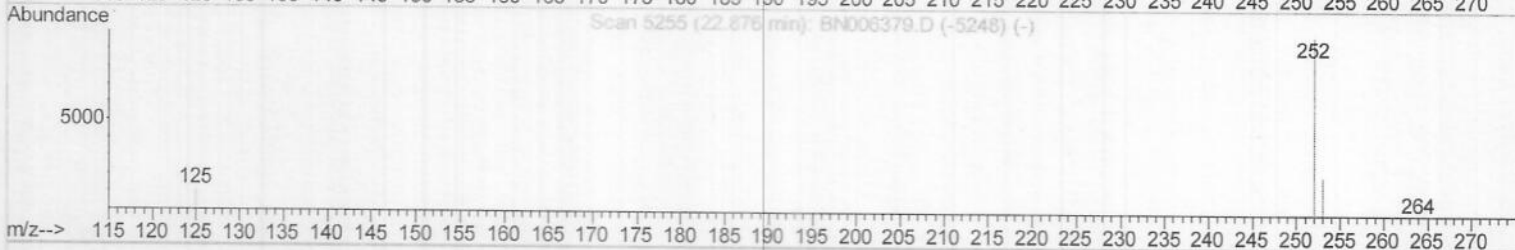
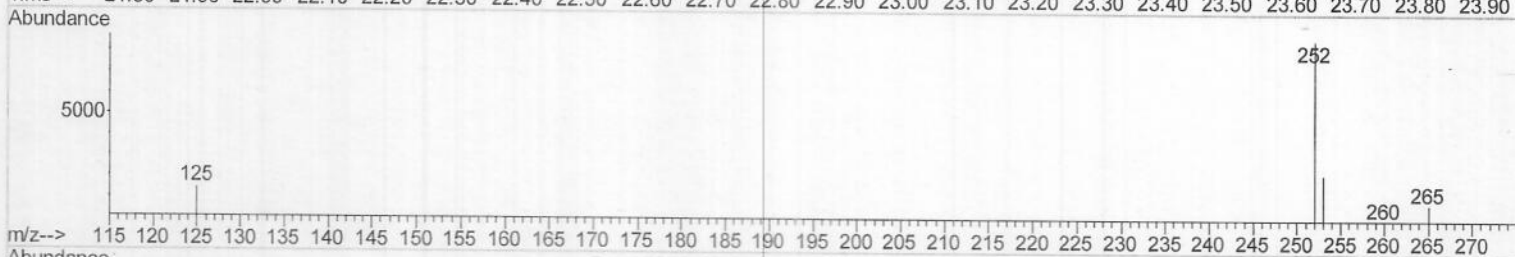
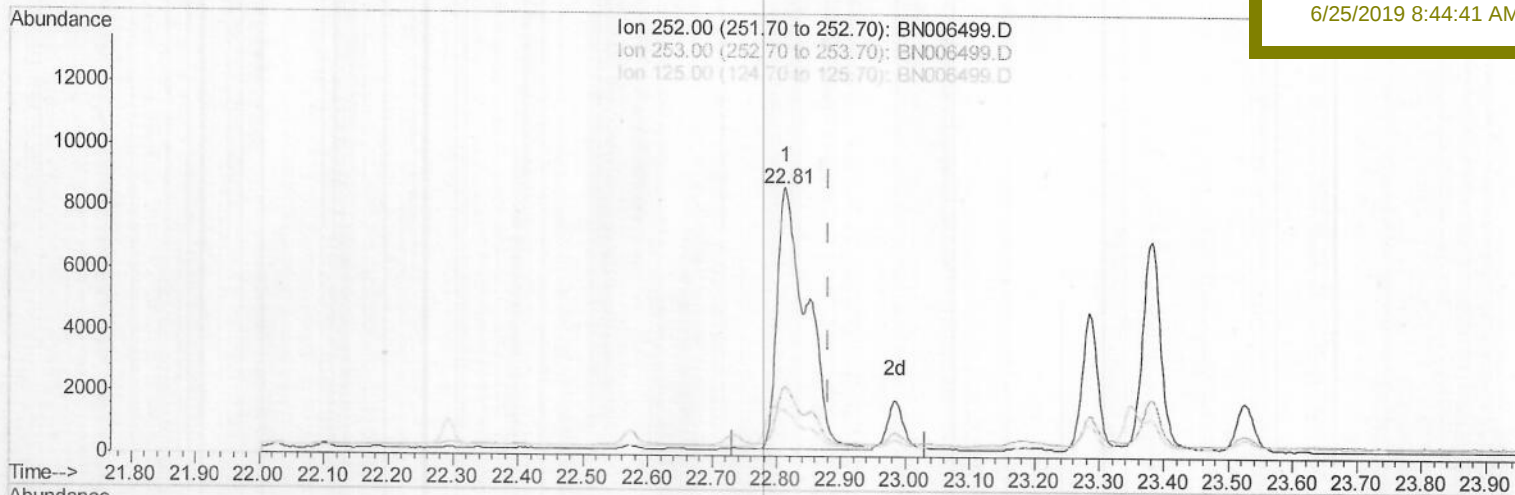
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006499.D
 Acq On : 22 Jun 2019 20:59
 Operator : HP/JU
 Sample : K3335-22DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 24 08:51:23 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A41Y0DL

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:44:41 AM



TIC: BN006499.D

(22) Benzo(k)fluoranthene
 22.814min (-0.067) 0.60ng/ul
 response 27180

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	25.81
125.00	17.90	16.63
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\

Data File : BN006499.D

Acq On : 22 Jun 2019 20:59

Operator : HP/JU

Sample : K3335-22DL 10X

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 24 08:51:23 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 : Mon Jun 17 11:13:07 2019

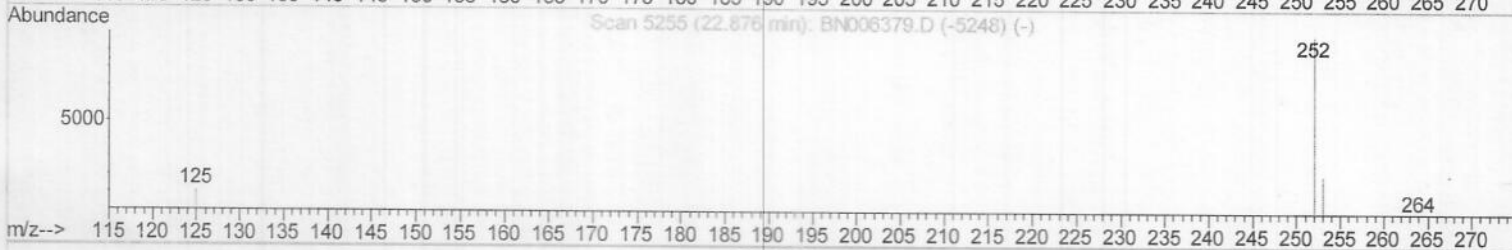
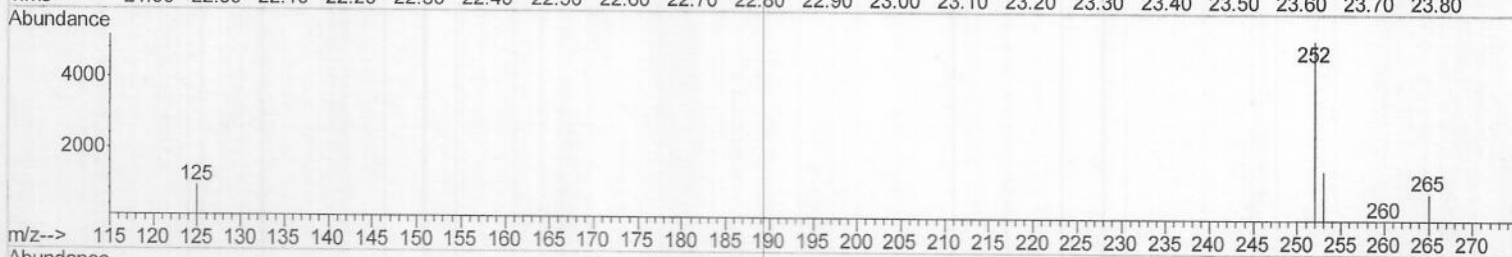
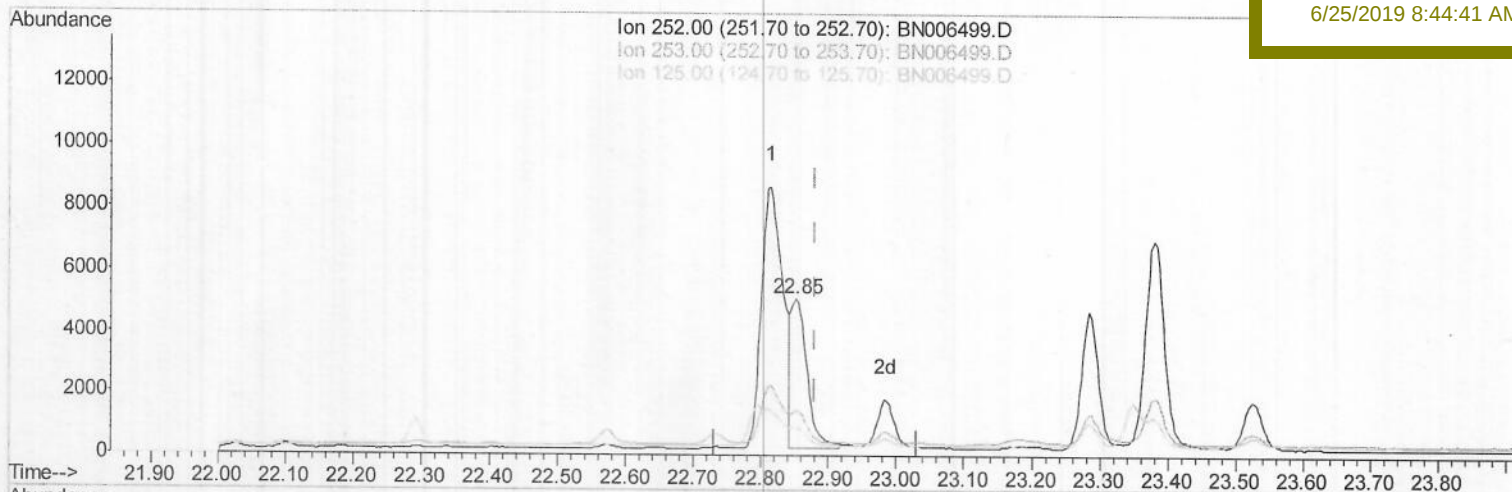
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y0DL

Manual Integrations
APPROVEDmohammad
6/25/2019 8:44:41 AM

TIC: BN006499.D

(22) Benzo(k)fluoranthene

22.852min (-0.029) 0.19ng/ul m

> JU 06/25/19

response 8529

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	28.23
125.00	17.90	17.43
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006499.D
 Acq On : 22 Jun 2019 20:59
 Operator : HP/JU
 Sample : K3335-22DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y0DL

Quant Time: Jun 24 08:52:21 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:44:41 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3991	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	15593	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8623	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17712	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	11583	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	11154	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	410	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	945	0.02	ng/ul	-0.01
Target Compounds						
					Qvalue	
3) Naphthalene	10.46	128	2955	0.069	ng/ul#	93
5) 2-Methylnaphthalene	12.09	142	1219	0.041	ng/ul	99
8) Acenaphthene	14.34	153	3722	0.112	ng/ul	99
9) Fluorene	15.34	166	4579	0.118	ng/ul	97
11) Pentachlorophenol	16.72	266	345	0.077	ng/ul	98
12) Phenanthrene	17.08	178	62026	1.091	ng/ul	99
13) Anthracene	17.17	178	16036	0.295	ng/ul	97
15) Fluoranthene	19.10	202	64936	1.034	ng/ul	97
17) Pyrene	19.47	202	54777	0.898	ng/ul	99
18) Benzo (a) anthracene	21.23	228	21545	0.421	ng/ul	100
19) Chrysene	21.29	228	18833	0.392	ng/ul	98
21) Benzo (b) fluoranthene	22.81	252	18552m	0.399	ng/ul	
22) Benzo (k) fluoranthene	22.85	252	8529m	0.188	ng/ul	
23) Benzo (a) pyrene	23.38	252	13083	0.302	ng/ul#	92
24) Indeno (1,2,3-cd) pyrene	25.71	276	7710	0.164	ng/ul#	88
25) Dibenzo (a,h) anthracene	25.71	278	2080	0.055	ng/ul#	73
26) Benzo (g,h,i) perylene	26.39	276	5785	0.147	ng/ul	98

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

JU
 06/25/19