

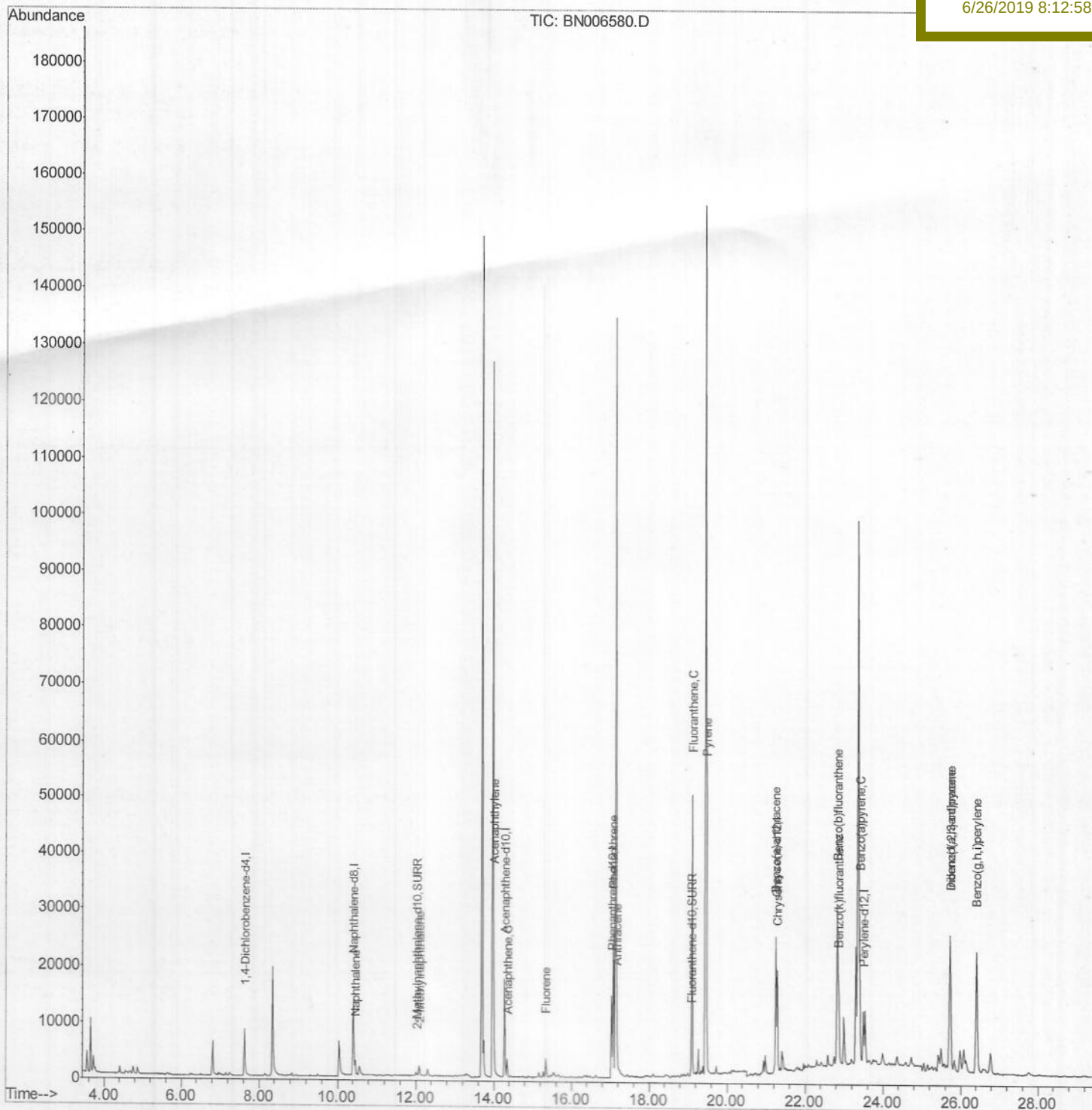
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006580.D
Acq On : 25 Jun 2019 20:52
Operator : HP/JU
Sample : K3388-02DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Jun 26 01:22:33 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 Sample ID :
A4215DL

Manual Integrations
APPROVED

mohammad
6/26/2019 8:12:58 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006580.D

Acq On : 25 Jun 2019 20:52

Operator : HP/JU

Sample : K3388-02DL 5X

Misc :

ALS Vial : 57 Sample Multiplier: 1

Quant Time: Jun 26 00:51:44 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

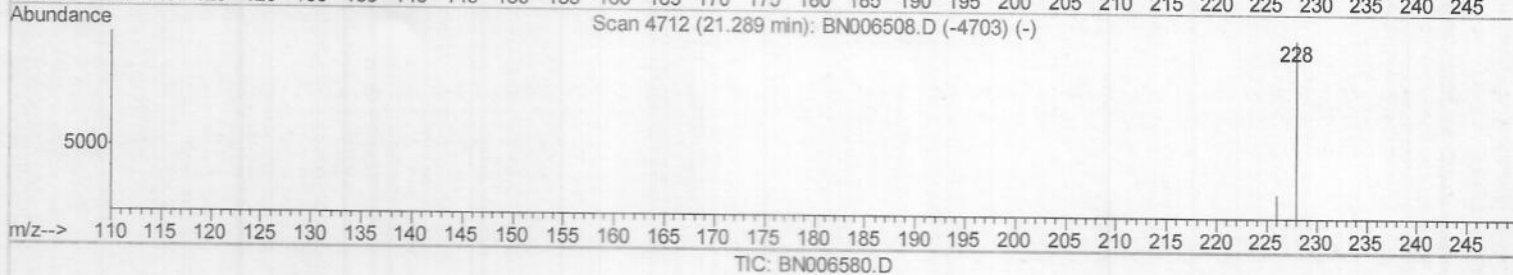
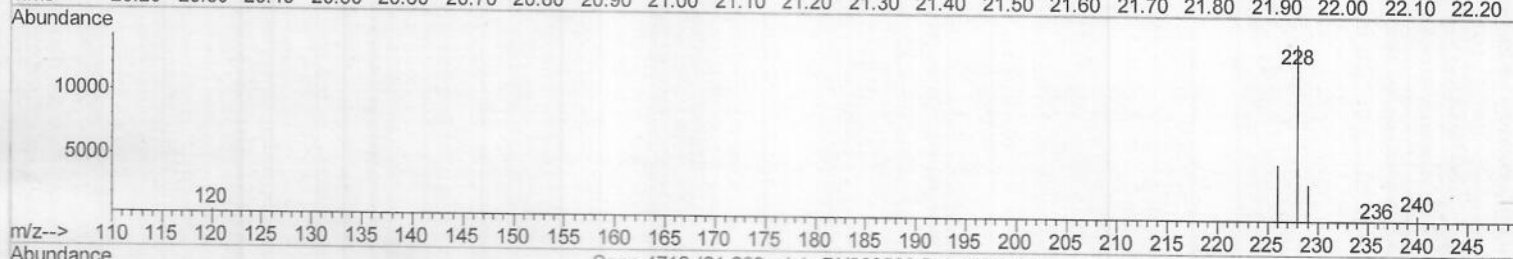
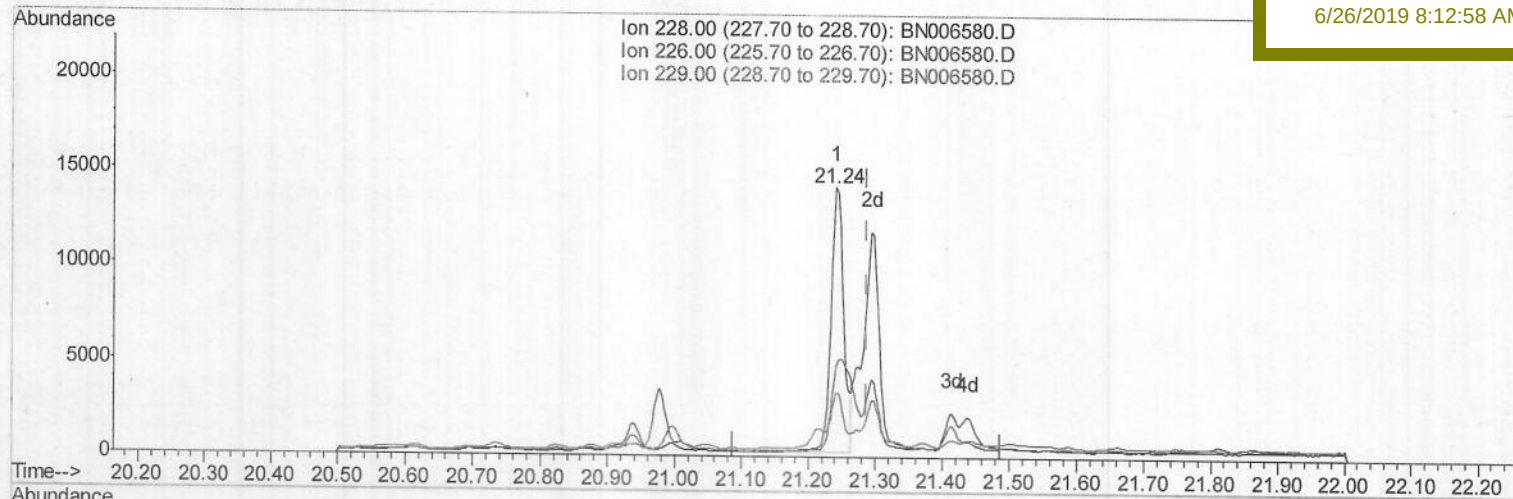
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215DL

Manual Integrations
APPROVEDmohammad
6/26/2019 8:12:58 AM

(19) Chrysene

21.242min (-0.047) 0.44ng/ul

response 18264

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	33.75
229.00	20.40	23.67
0.00	0.00	0.00

Quantitation Report (Qedit)

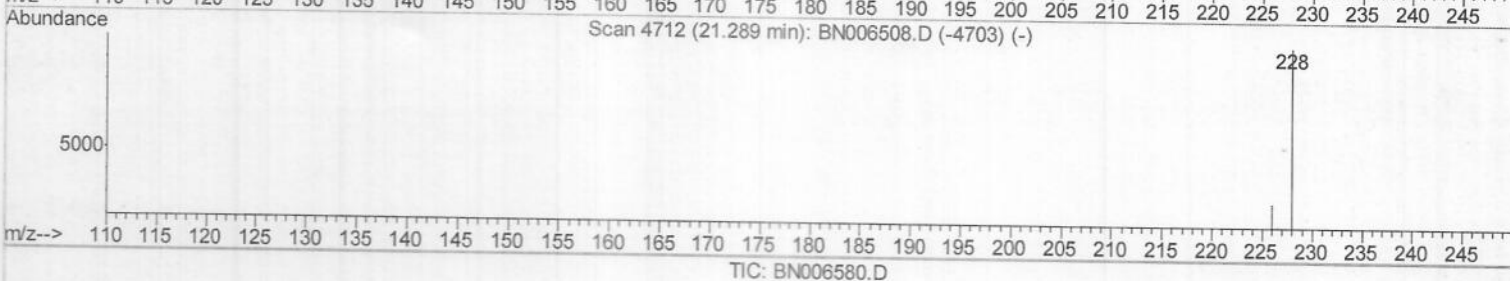
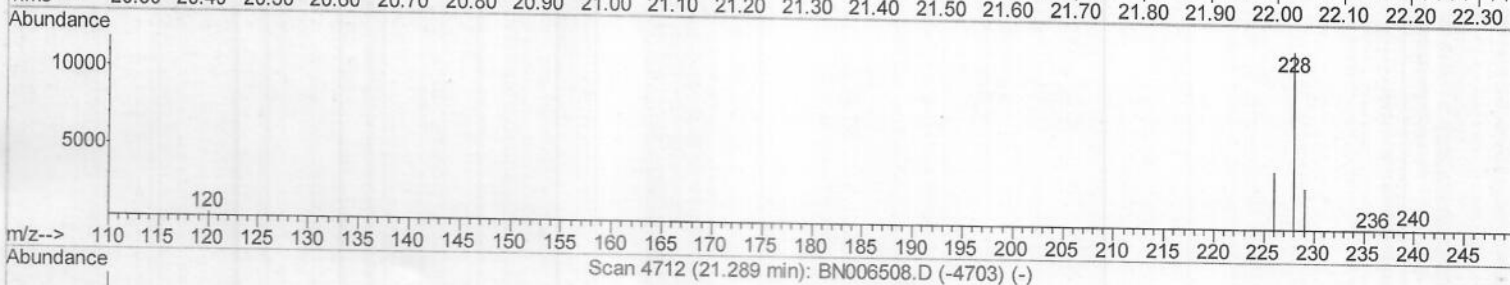
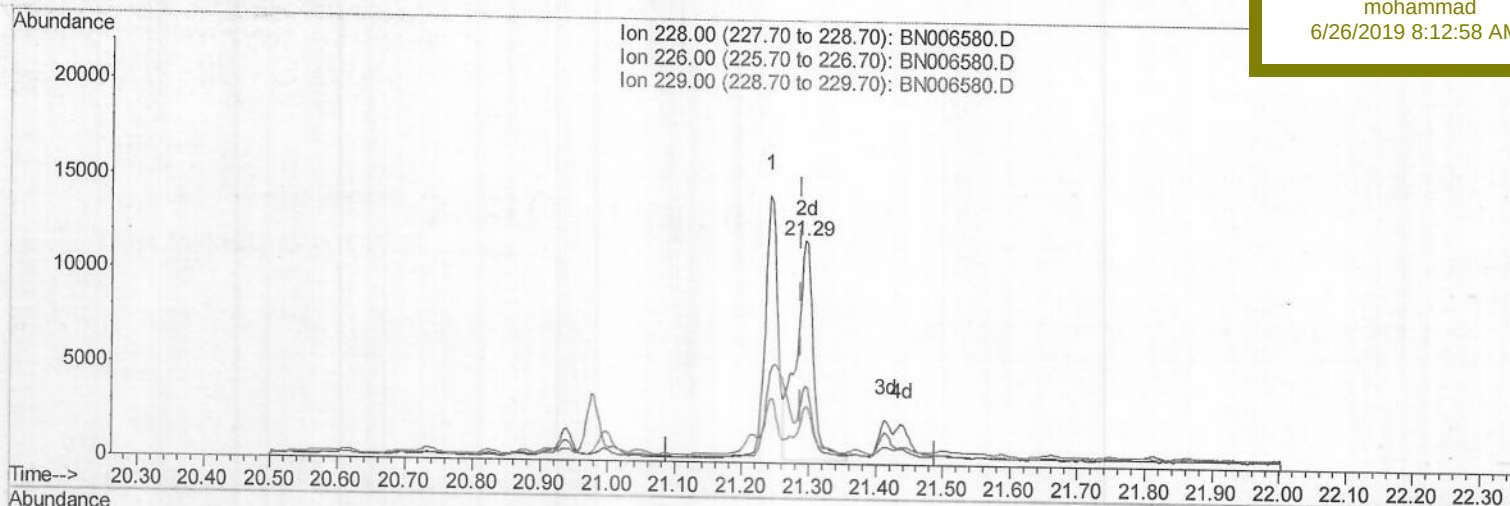
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sampled :
 A4215DL

Manual Integrations
 APPROVED

mohammad
 6/26/2019 8:12:58 AM



(19) Chrysene

21.294min (+0.006) 0.50ng/ul m

7 JU 06/27/19

response 20783

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	34.55
229.00	20.40	24.88#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006580.D

Acq On : 25 Jun 2019 20:52

Operator : HP/JU

Sample : K3388-02DL 5X

Misc :

ALS Vial : 57 Sample Multiplier: 1

Quant Time: Jun 26 00:51:44 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

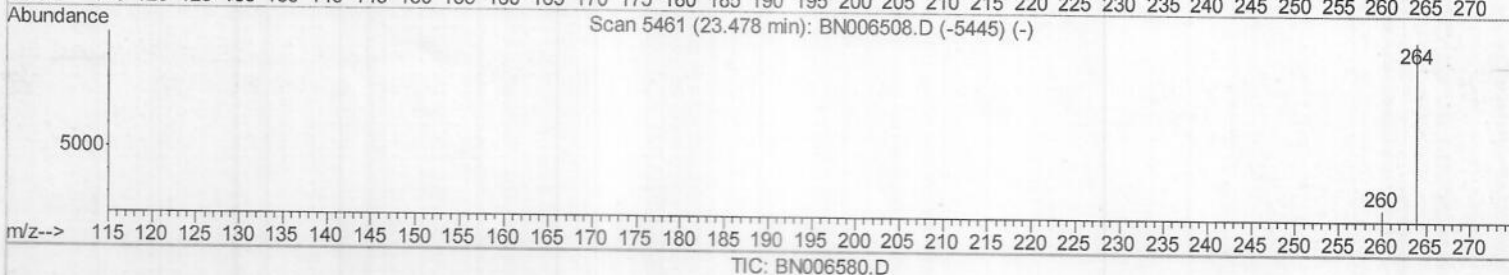
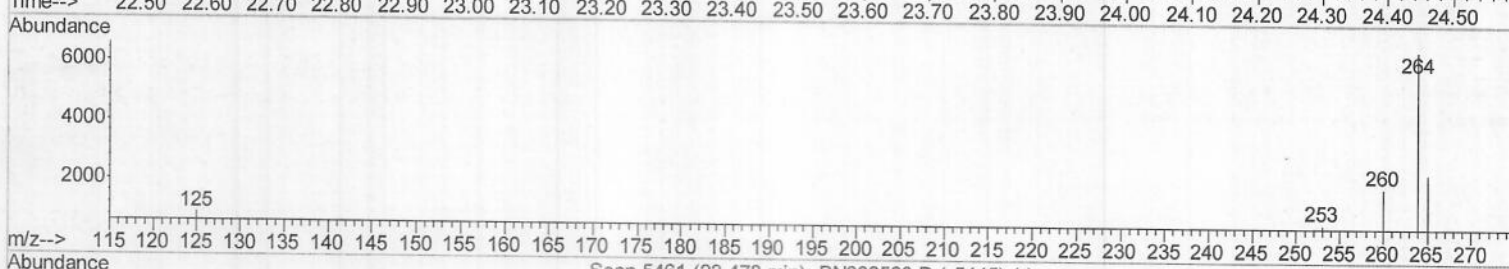
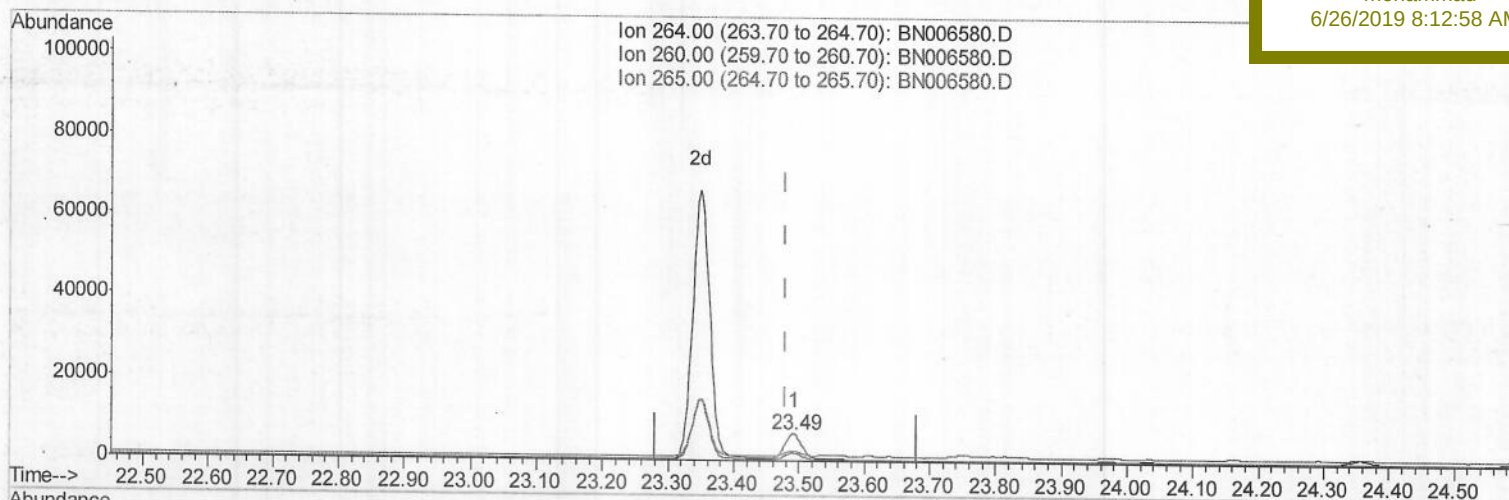
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215DL

Manual Integrations
APPROVEDmohammad
6/26/2019 8:12:58 AM

(20) Perylene-d12 (I)

23.492min (+0.012) 0.40ng/ul

response 12145

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	29.67
265.00	44.70	36.78
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006580.D

Acq On : 25 Jun 2019 20:52

Operator : HP/JU

Sample : K3388-02DL 5X

Misc :

ALS Vial : 57 Sample Multiplier: 1

Quant Time: Jun 26 00:51:44 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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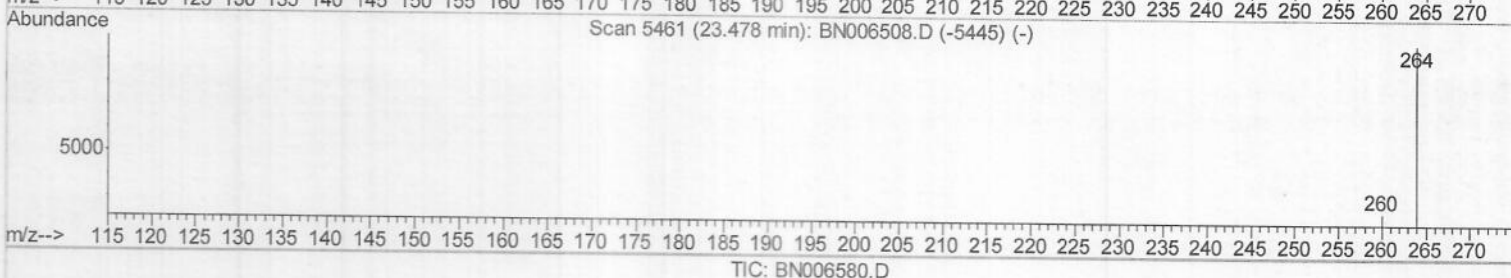
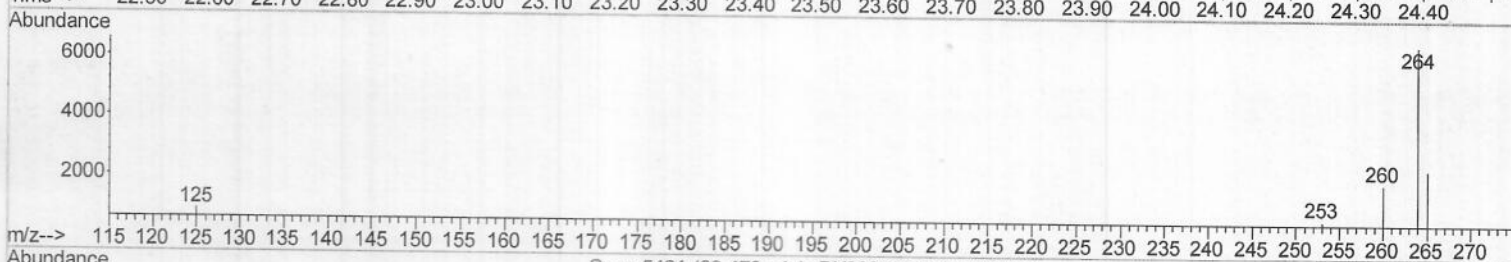
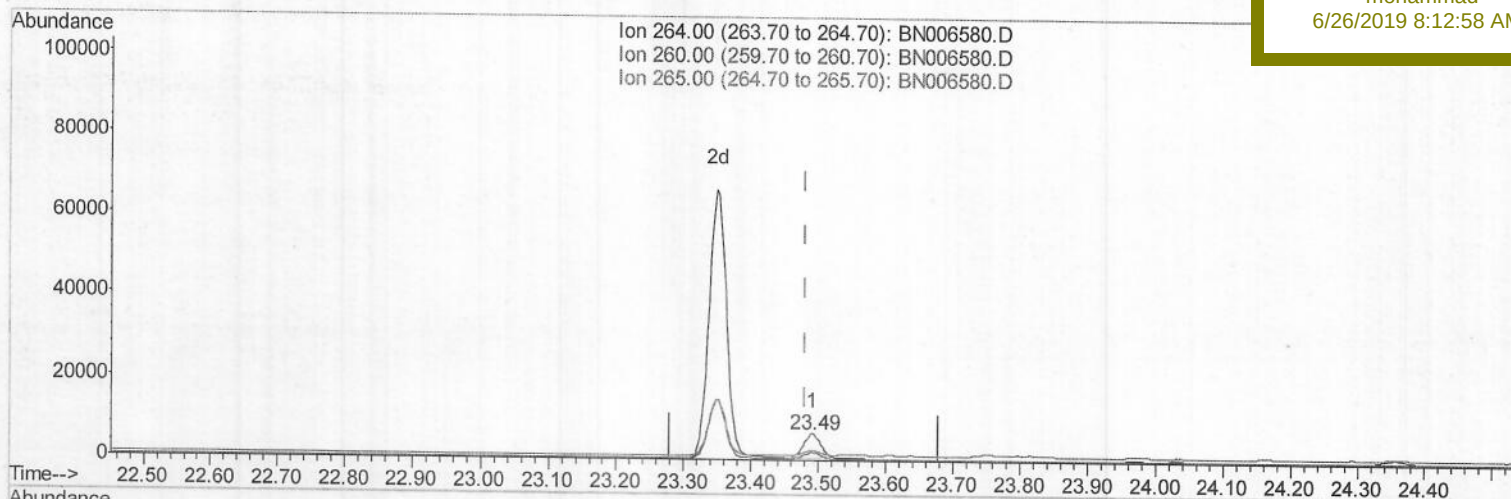
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215DL

Manual Integrations
APPROVEDmohammad
6/26/2019 8:12:58 AM

(20) Perylene-d12 (I)

23.492min (+0.012) 0.40ng/ul m

JU 06/27/19

response 11167

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	29.67
265.00	44.70	36.78
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006580.D

Acq On : 25 Jun 2019 20:52

Operator : HP/JU

Sample : K3388-02DL 5X

Misc :

ALS Vial : 57 Sample Multiplier: 1

Quant Time: Jun 26 01:21:25 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

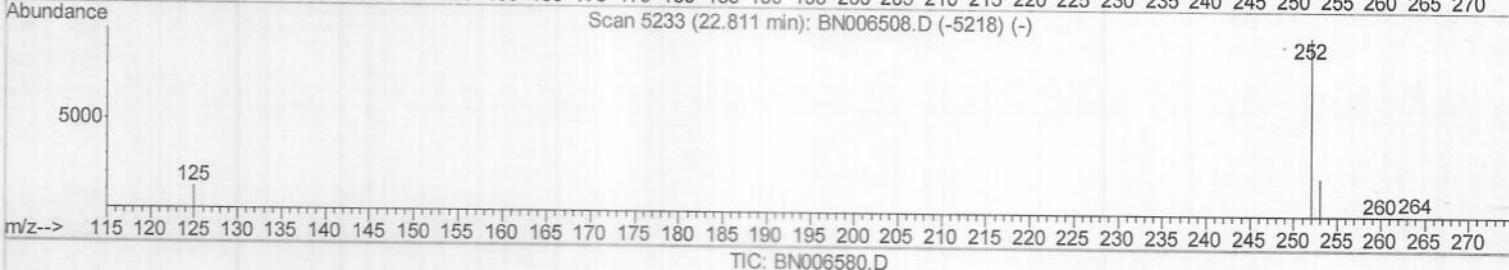
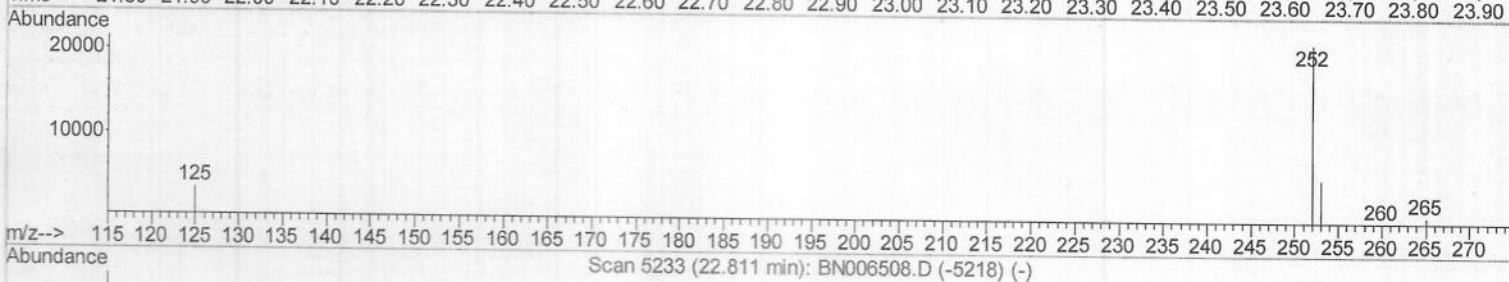
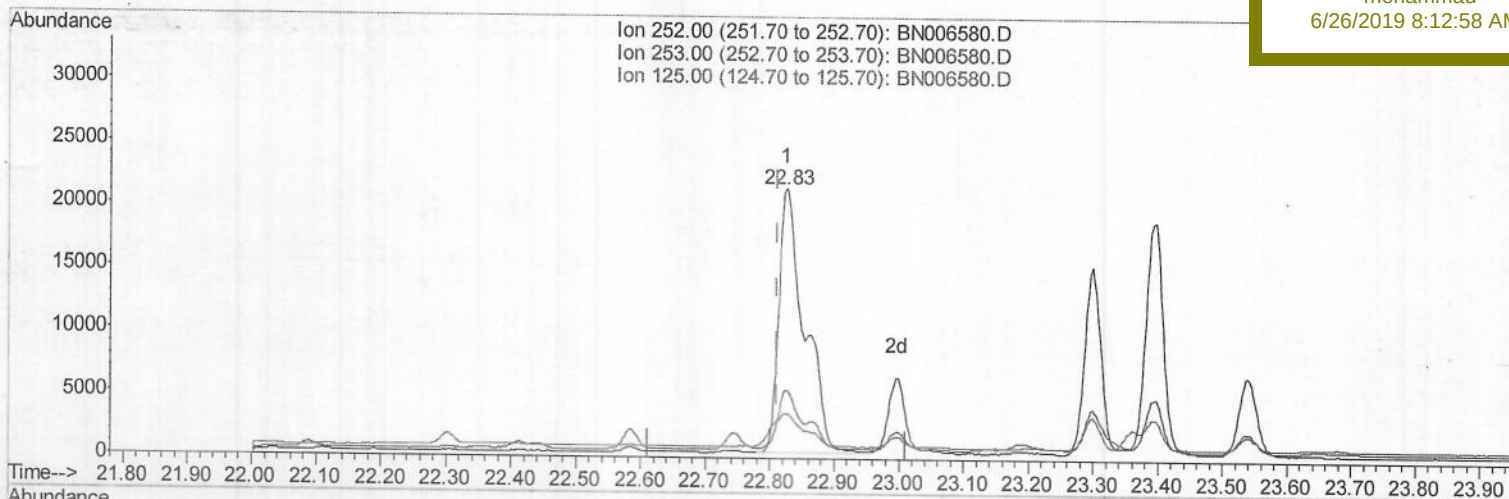
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215DL

Manual Integrations
APPROVEDmohammad
6/26/2019 8:12:58 AM

(21) Benzo(b)fluoranthene

22.826min (+0.015) 1.25ng/ul

response 58330

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	24.85
125.00	20.50	16.25
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006580.D
Acq On : 25 Jun 2019 20:52
Operator : HP/JU
Sample : K3388-02DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Jun 26 01:21:25 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 :

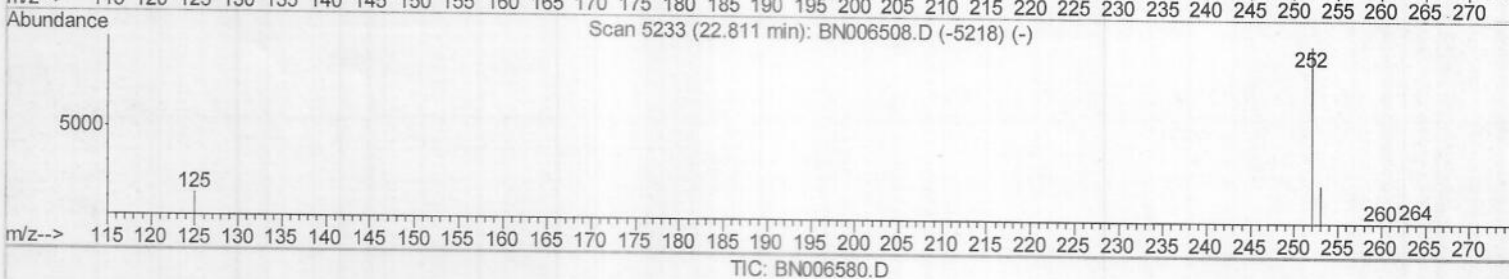
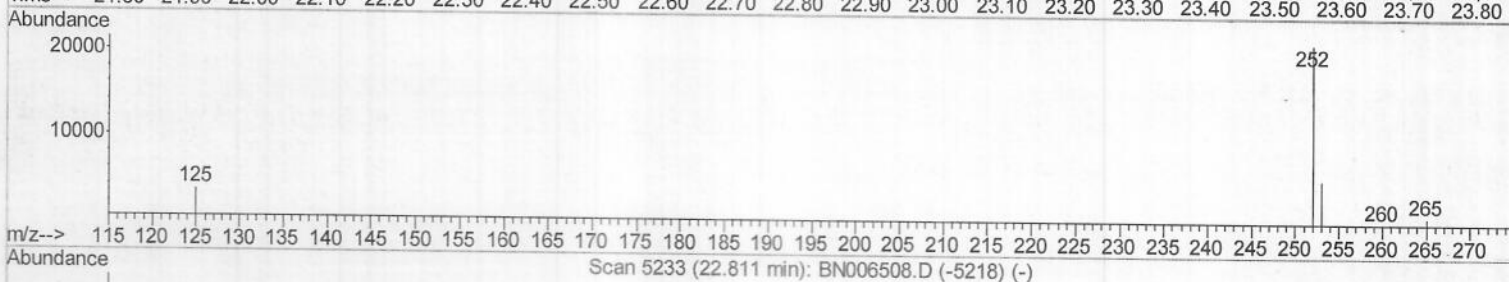
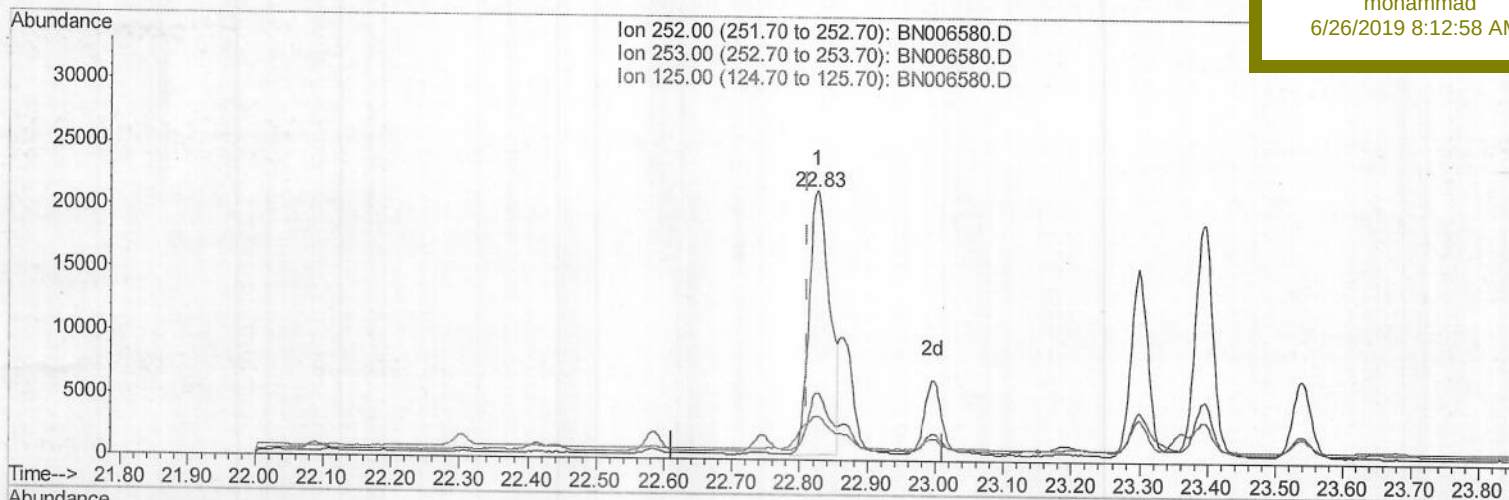
BNA_N

Client Sampled :

A4215DL

Manual Integrations
APPROVED

mohammad
6/26/2019 8:12:58 AM



(21) Benzo(b)fluoranthene

22.826min (+0.015) 0.94ng/ul m

JU 06/27/19

response 43983

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	24.85
125.00	20.50	16.25
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006580.D

Acq On : 25 Jun 2019 20:52

Operator : HP/JU

Sample : K3388-02DL 5X

Misc :

ALS Vial : 57 Sample Multiplier: 1

Quant Time: Jun 26 01:21:25 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

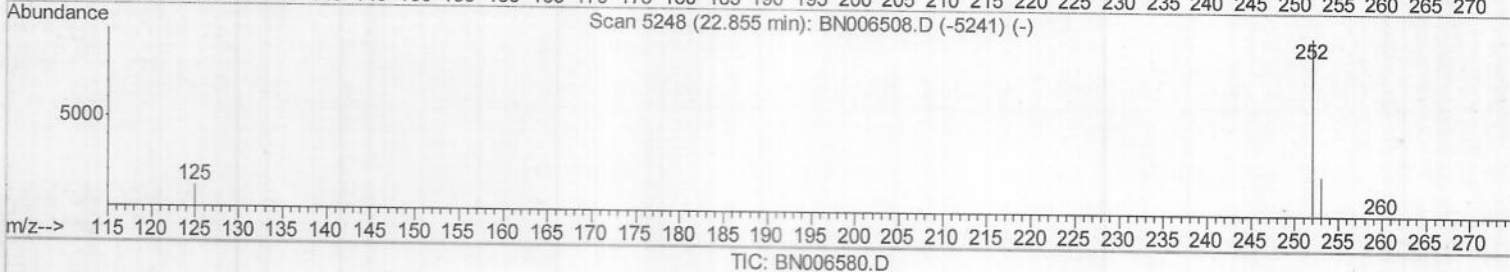
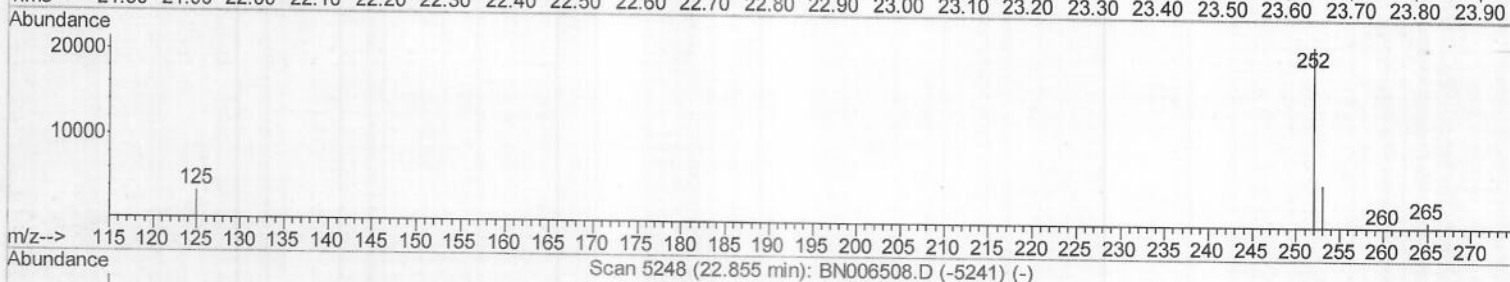
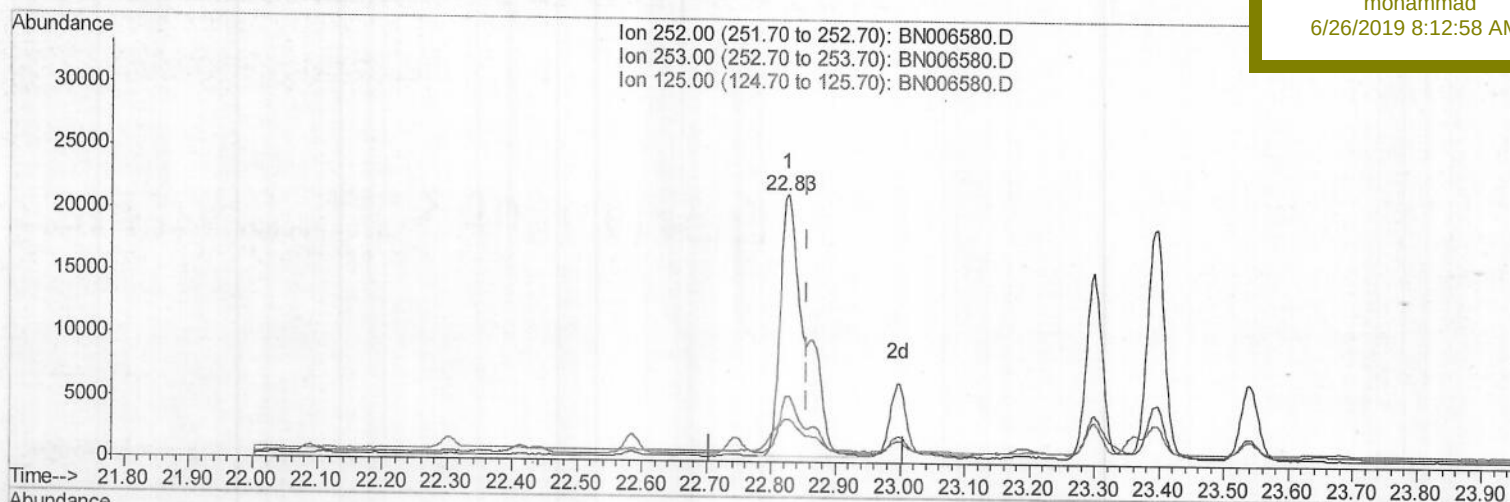
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4215DL

Manual Integrations
APPROVEDmohammad
6/26/2019 8:12:58 AM

(22) Benzo(k)fluoranthene

22.826min (-0.029) 1.29ng/ul

response 58330

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	24.85
125.00	17.90	16.25
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006580.D

Acq On : 25 Jun 2019 20:52

Operator : HP/JU

Sample : K3388-02DL 5X

Misc :

ALS Vial : 57 Sample Multiplier: 1

Quant Time: Jun 26 01:21:25 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

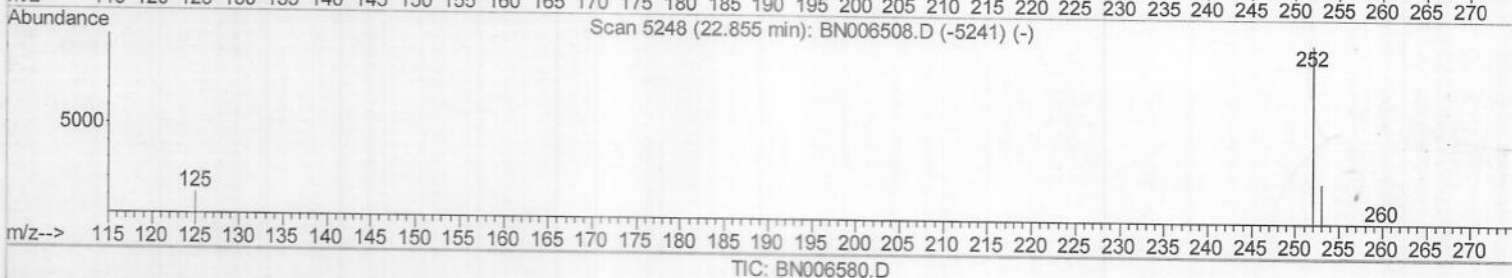
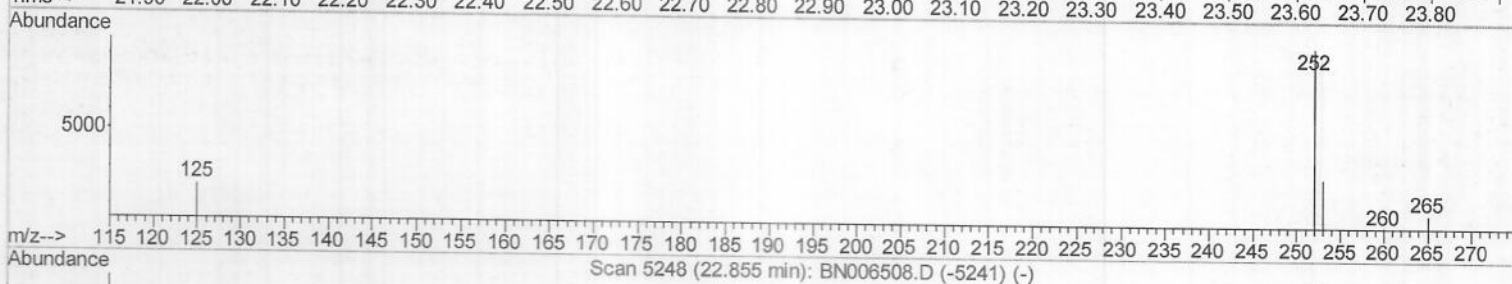
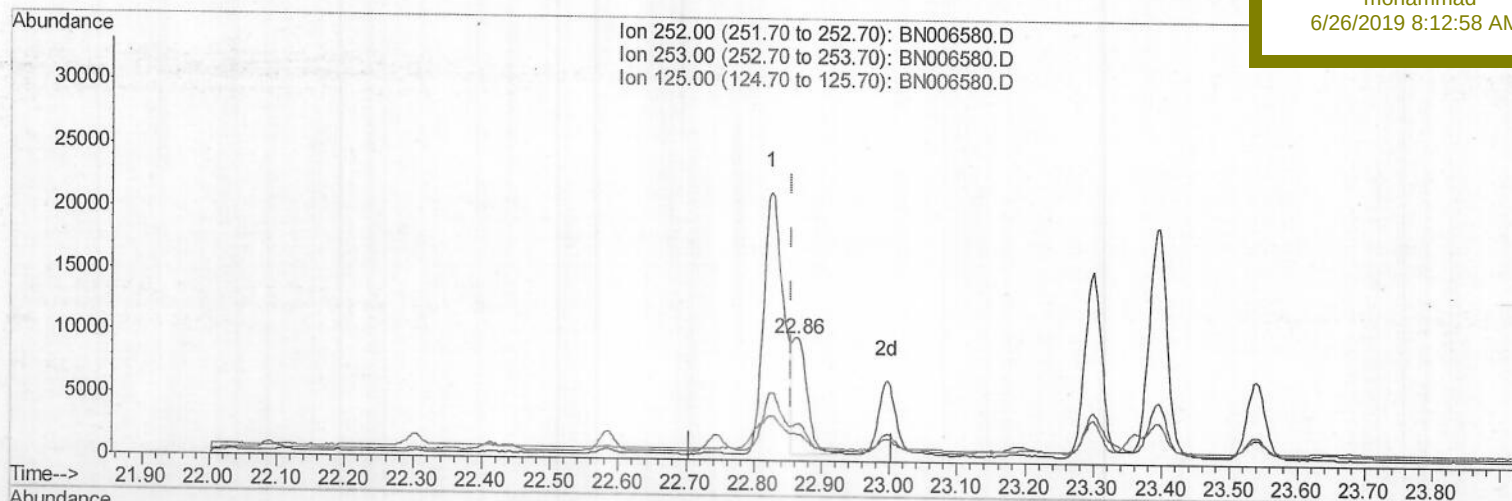
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

A4215DL

Manual Integrations
APPROVEDmohammad
6/26/2019 8:12:58 AM

(22) Benzo(k)fluoranthene

22.864min (+0.009) 0.30ng/ul m

response 13817

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	29.41
125.00	17.90	21.29
0.00	0.00	0.00

> JU 06/27/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006580.D

Acq On : 25 Jun 2019 20:52

Operator : HP/JU

Sample : K3388-02DL 5X

Misc :

ALS Vial : 57 Sample Multiplier: 1

Quant Time: Jun 26 01:22:33 2019

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Manual Integrations
APPROVEDmohammad
6/26/2019 8:12:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5430	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	19861	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9399	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17006	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10035	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	11167m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	996	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	1593	0.03	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.46	128	3459	0.063	ng/ul#	92
5) 2-Methylnaphthalene	12.08	142	1664	0.044	ng/ul	98
7) Acenaphthylene	14.00	152	13031	0.249	ng/ul	99
8) Acenaphthene	14.34	153	1976	0.055	ng/ul	98
9) Fluorene	15.34	166	2631	0.062	ng/ul#	95
12) Phenanthrene	17.08	178	27169	0.498	ng/ul	99
13) Anthracene	17.17	178	9349	0.179	ng/ul	96
15) Fluoranthene	19.11	202	42399	0.703	ng/ul	98
17) Pyrene	19.48	202	39040	0.739	ng/ul	98
18) Benzo(a)anthracene	21.24	228	18264	0.412	ng/ul	91
19) Chrysene	21.29	228	20783m	0.499	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	43983m	0.945	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	13817m	0.305	ng/ul	
23) Benzo(a)pyrene	23.40	252	34169	0.788	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.72	276	39328	0.838	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.72	278	8210	0.219	ng/ul#	84
26) Benzo(g,h,i)perylene	26.41	276	41640	1.059	ng/ul	96

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

JU
06/27/19