

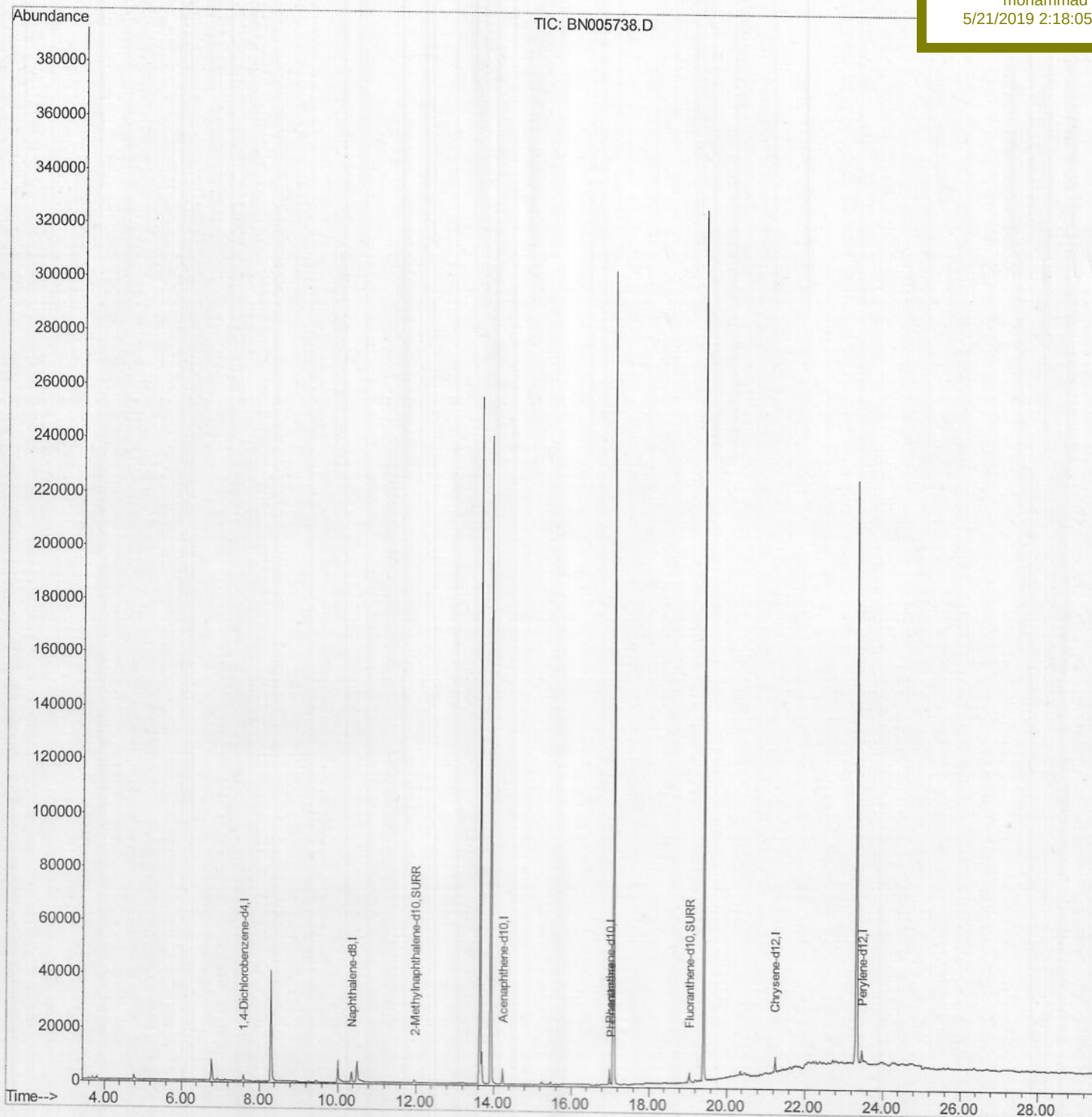
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\
Data File : BN005738.D
Acq On : 17 May 2019 20:08
Operator : JU/SJ
Sample : K2788-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 01:06:29 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 : Fri May 17 04:47:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51A3

Manual Integrations
APPROVED

mohammad
5/21/2019 2:18:05 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\

Data File : BN005738.D

Acq On : 17 May 2019 20:08

Operator : JU/SJ

Sample : K2788-13

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 00:51:11 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 : Fri May 17 04:47:07 2019

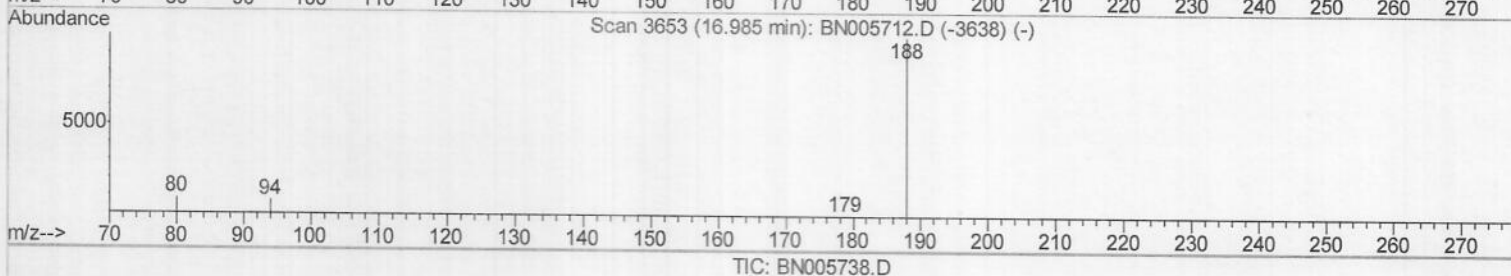
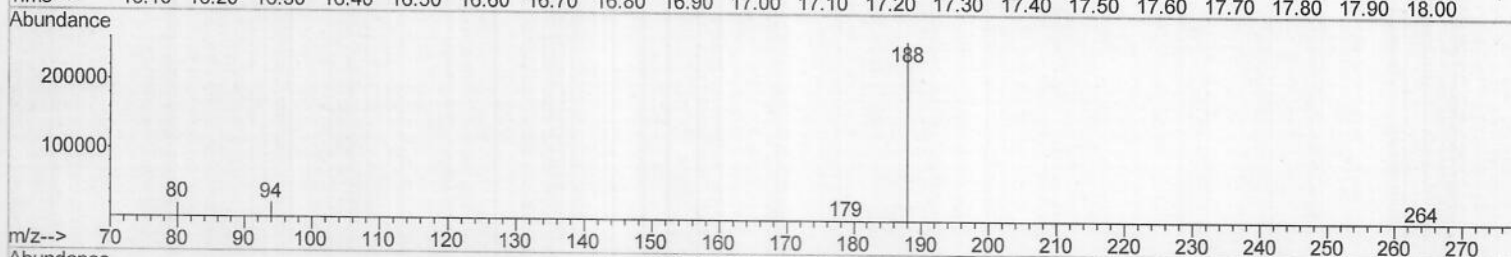
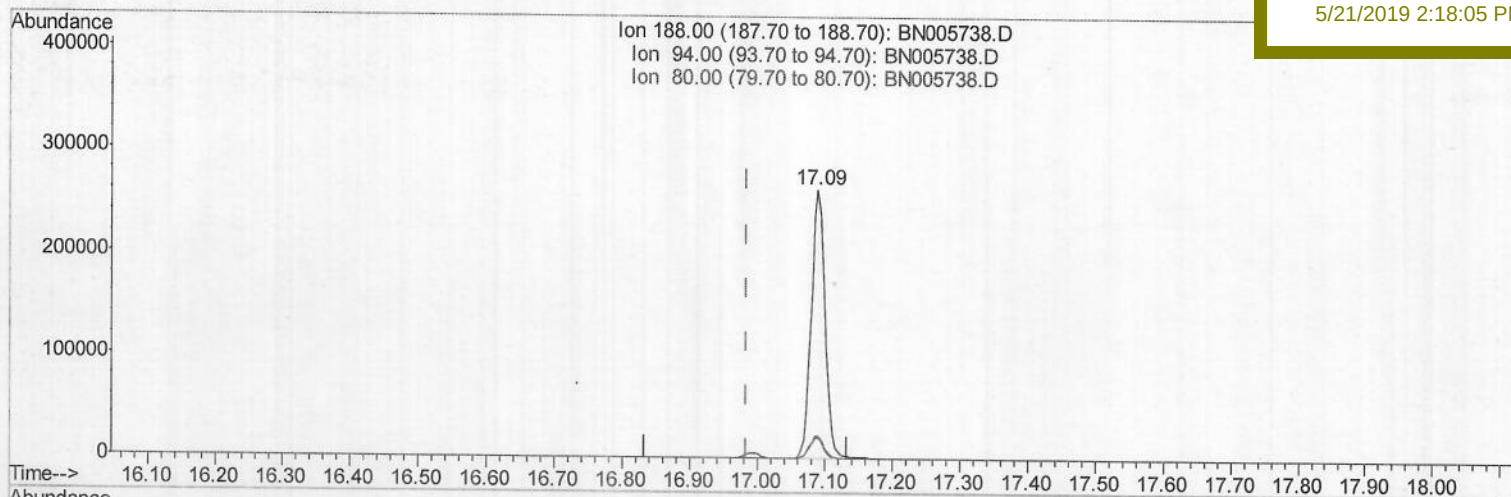
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A51A3

Manual Integrations
APPROVEDmohammad
5/21/2019 2:18:05 PM

(10) Phenanthrene-d10 (I)

17.090min (+0.106) 0.40ng/ul

response 368416

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.15
80.00	9.80	7.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\

Data File : BN005738.D

Acq On : 17 May 2019 20:08

Operator : JU/SJ

Sample : K2788-13

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 00:51:11 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 : Fri May 17 04:47:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

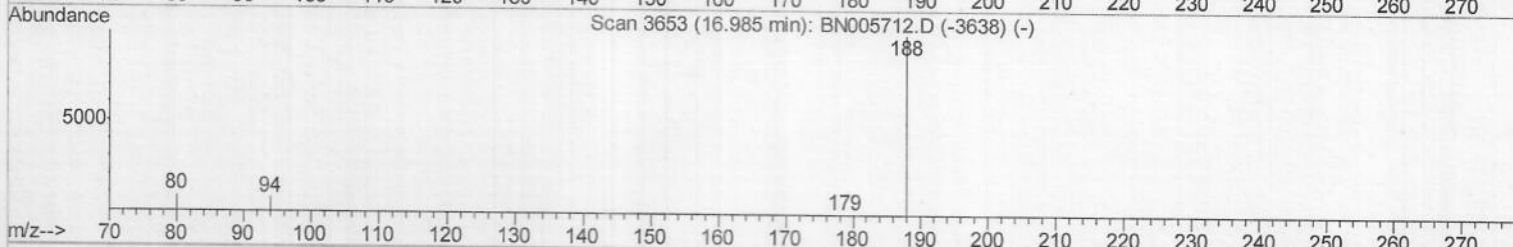
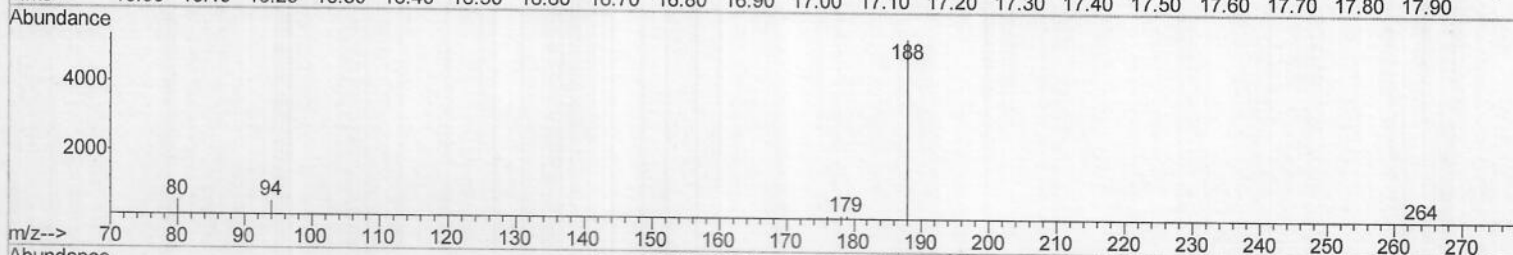
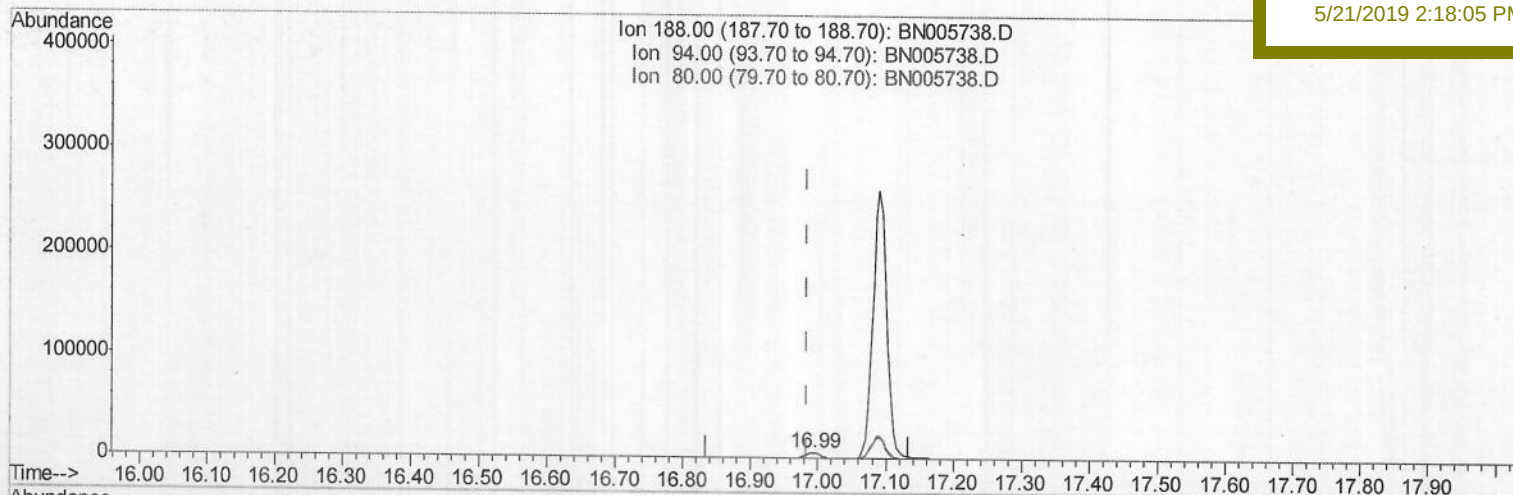
A51A3

Manual Integrations

APPROVED

mohammad

5/21/2019 2:18:05 PM



TIC: BN005738.D

(10) Phenanthrene-d10 (I)

16.993min (+0.009) 0.40ng/ul m

JU051719

response 7832

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.04
80.00	9.80	9.27
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\

Data File : BN005738.D

Acq On : 17 May 2019 20:08

Operator : JU/SJ

Sample : K2788-13

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 00:51:11 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 : Fri May 17 04:47:07 2019

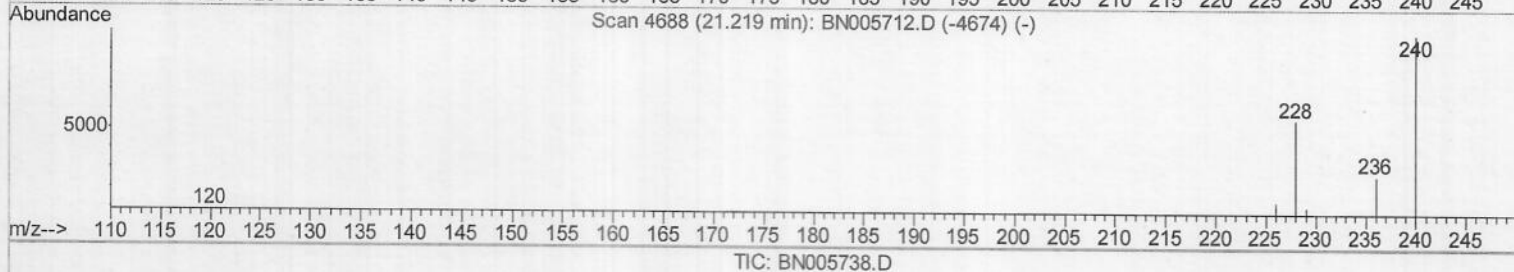
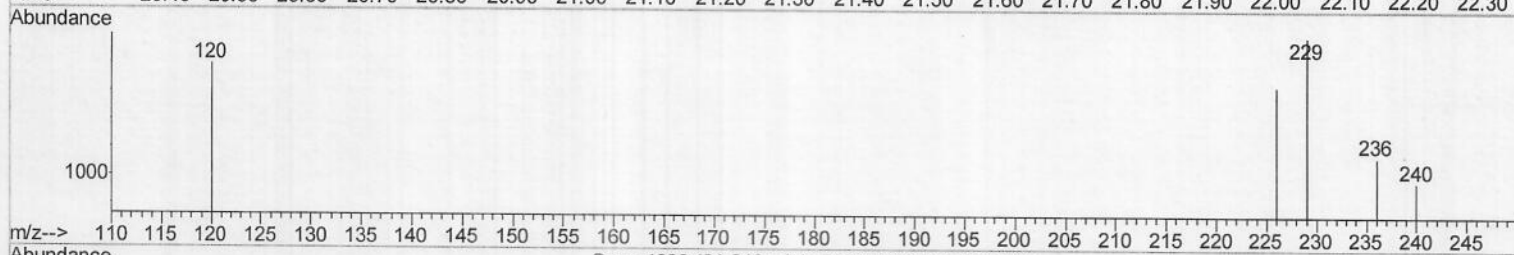
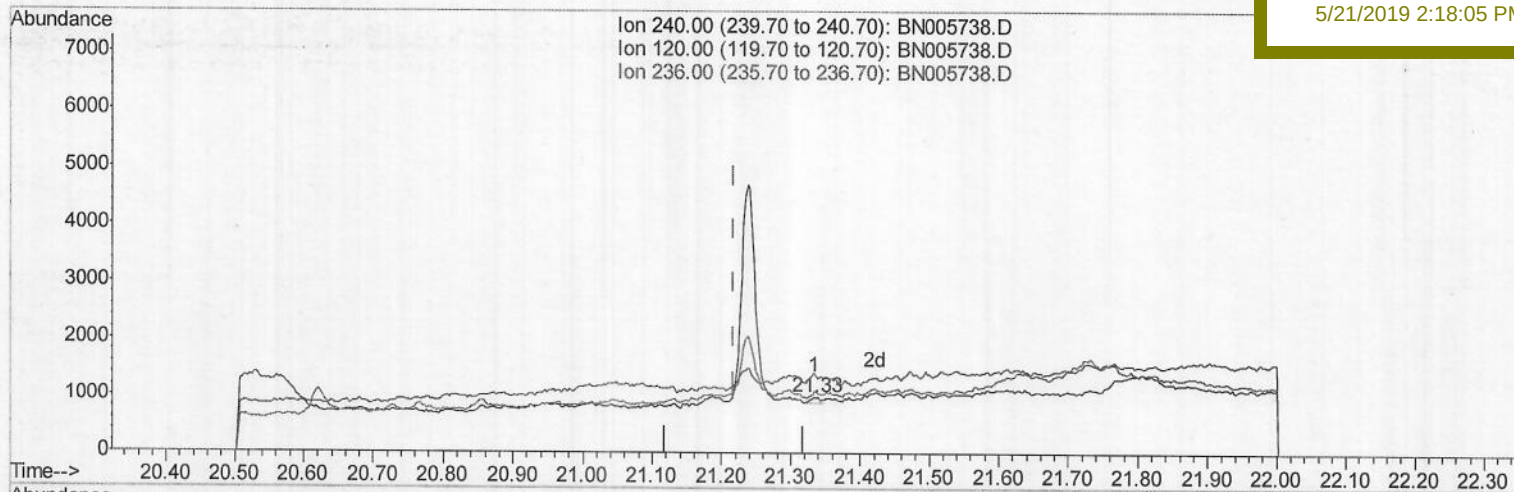
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A51A3

Manual Integrations
APPROVEDmohammad
5/21/2019 2:18:05 PM

(16) Chrysene-d12 (I)

21.334min (+0.116) 0.40ng/ul

response 107

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	141.28#
236.00	28.00	109.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\

Data File : BN005738.D

Acq On : 17 May 2019 20:08

Operator : JU/SJ

Sample : K2788-13

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 00:51:11 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 : Fri May 17 04:47:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

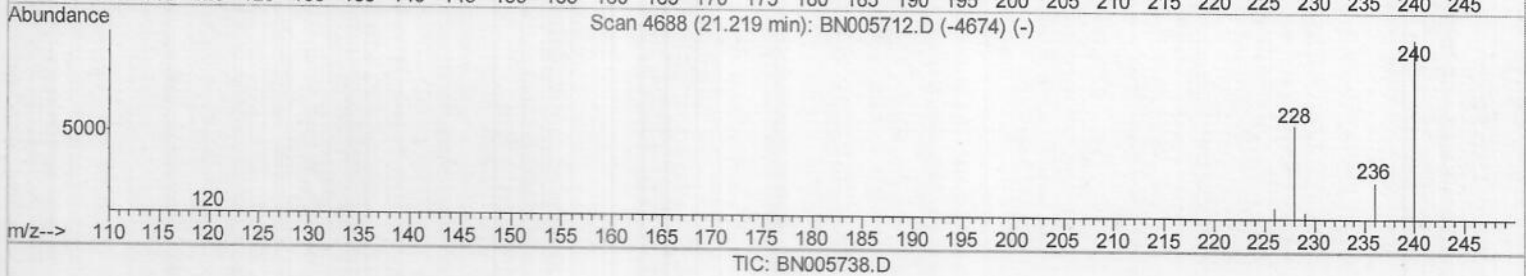
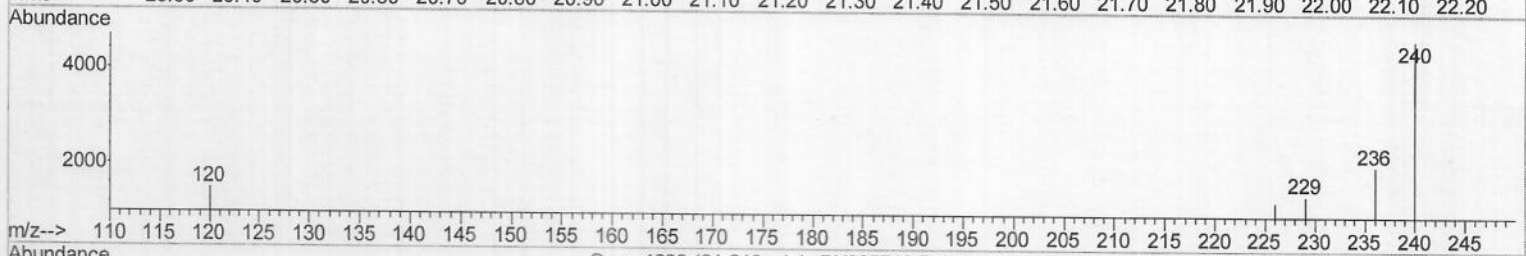
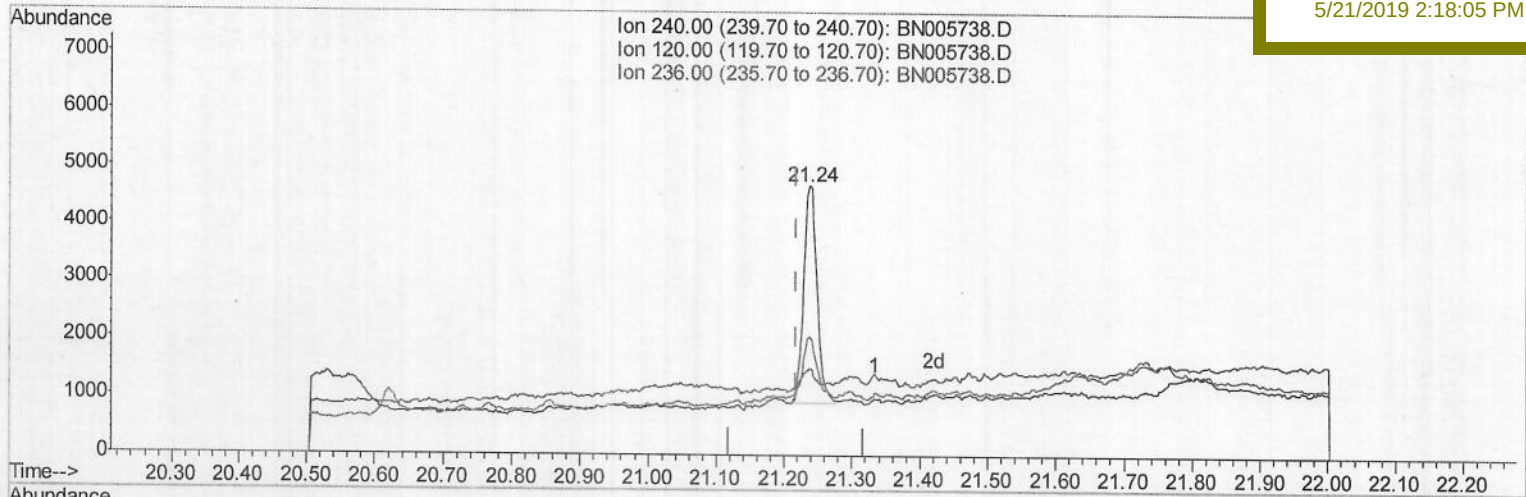
A51A3

Manual Integrations

APPROVED

mohammad

5/21/2019 2:18:05 PM



(16) Chrysene-d12 (I)

21.238min (+0.019) 0.40ng/ul m *JU05/31/19*

response 5134

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	31.72#
236.00	28.00	43.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\

Data File : BN005738.D

Acq On : 17 May 2019 20:08

Operator : JU/SJ

Sample : K2788-13

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 00:51:11 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 : Fri May 17 04:47:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

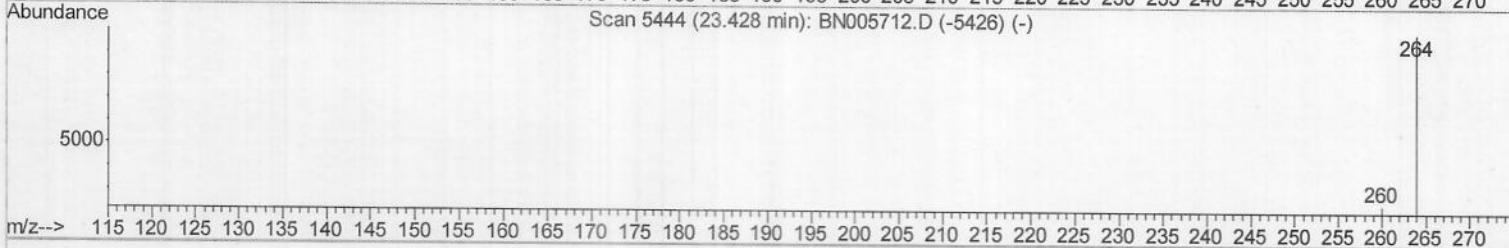
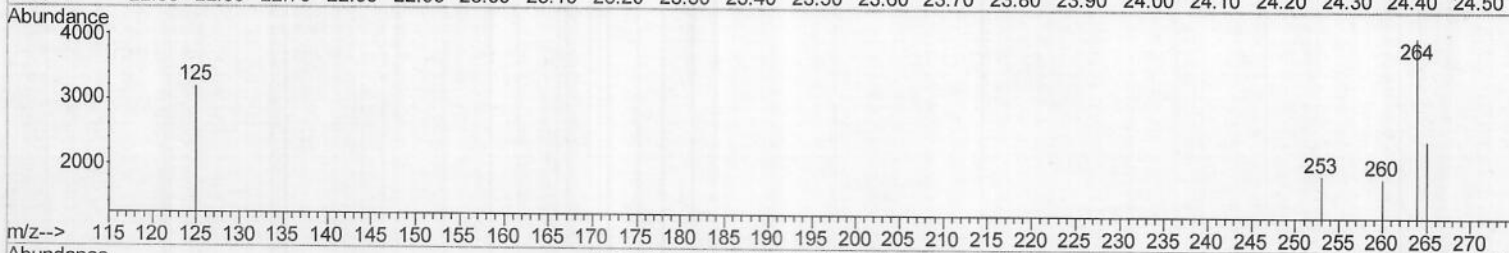
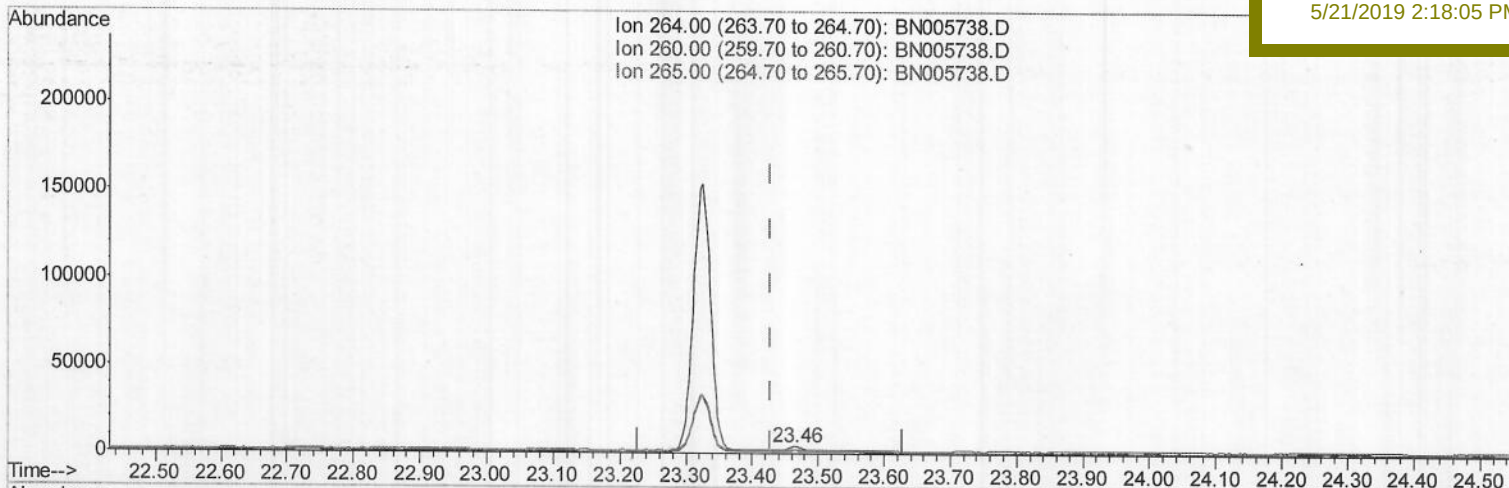
A51A3

Manual Integrations

APPROVED

mohammad

5/21/2019 2:18:05 PM



TIC: BN005738.D

(20) Perylene-d12 (I)

23.465min (+0.037) 0.40ng/ul

response 5621

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	45.86#
265.00	31.70	60.68#
0.00	0.00	0.00

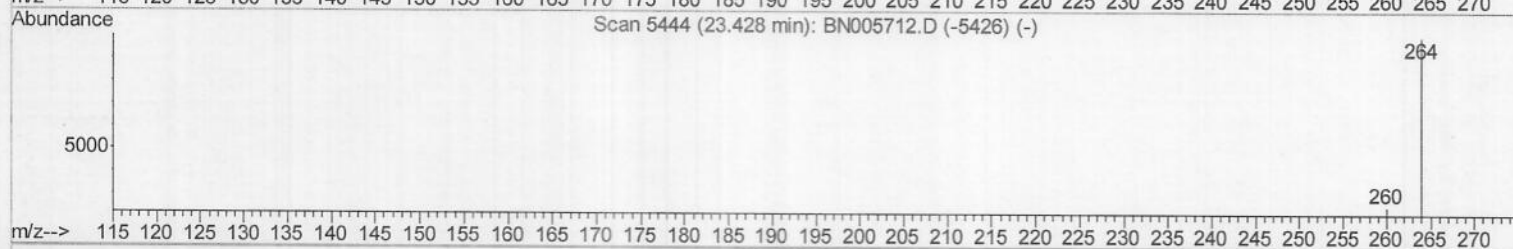
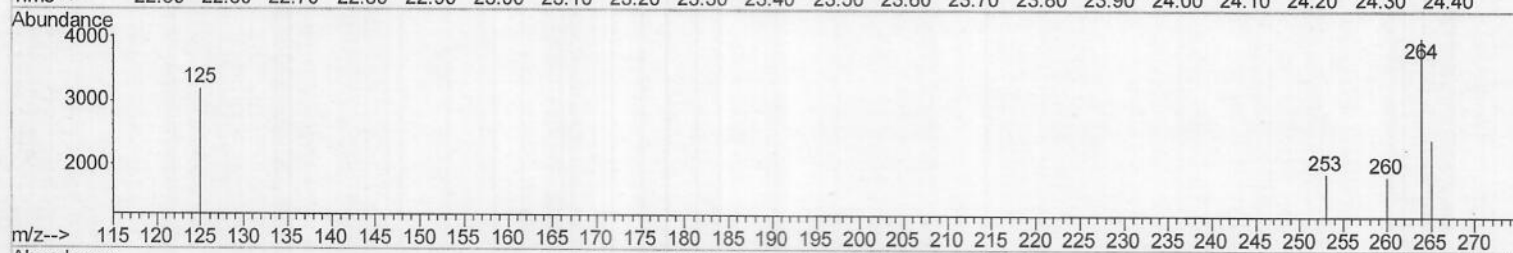
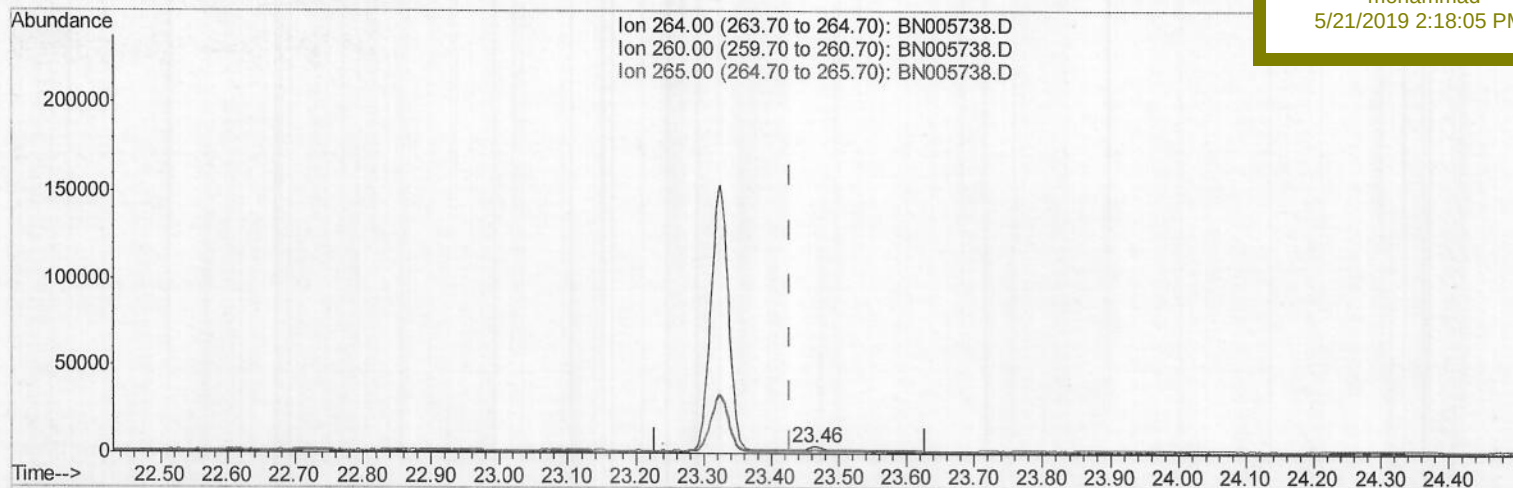
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\
Data File : BN005738.D
Acq On : 17 May 2019 20:08
Operator : JU/SJ
Sample : K2788-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 00:51:11 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 : Fri May 17 04:47:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51A3

Manual Integrations
APPROVED

mohammad
5/21/2019 2:18:05 PM



TIC: BN005738.D

(20) Perylene-d12 (I)

23.465min (+0.037) 0.40ng/ul m

response 4998

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	45.86#
265.00	31.70	60.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\

Data File : BN005738.D

Acq On : 17 May 2019 20:08

Operator : JU/SJ

Sample : K2788-13

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 01:05:25 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 : Fri May 17 04:47:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

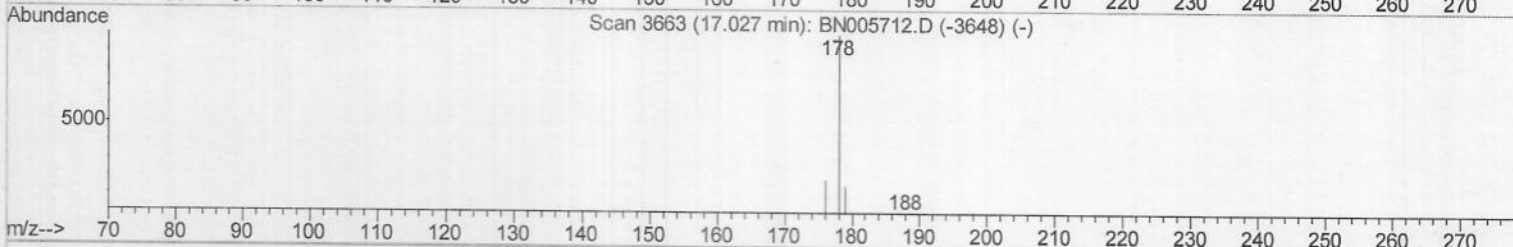
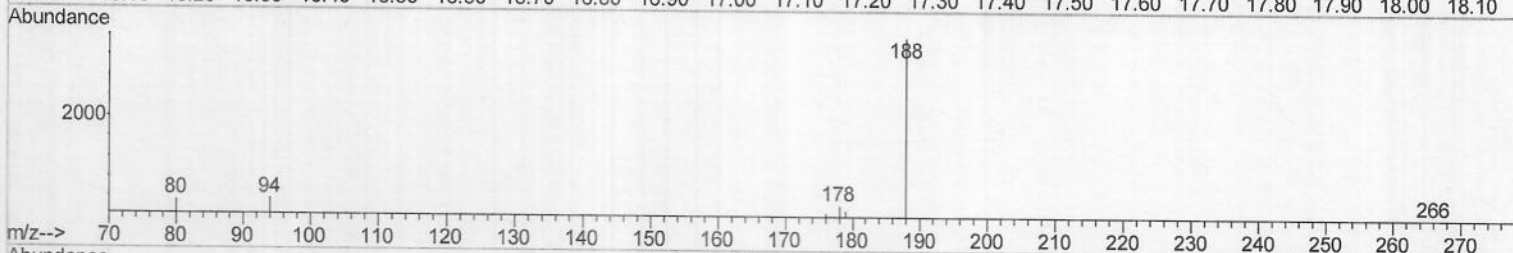
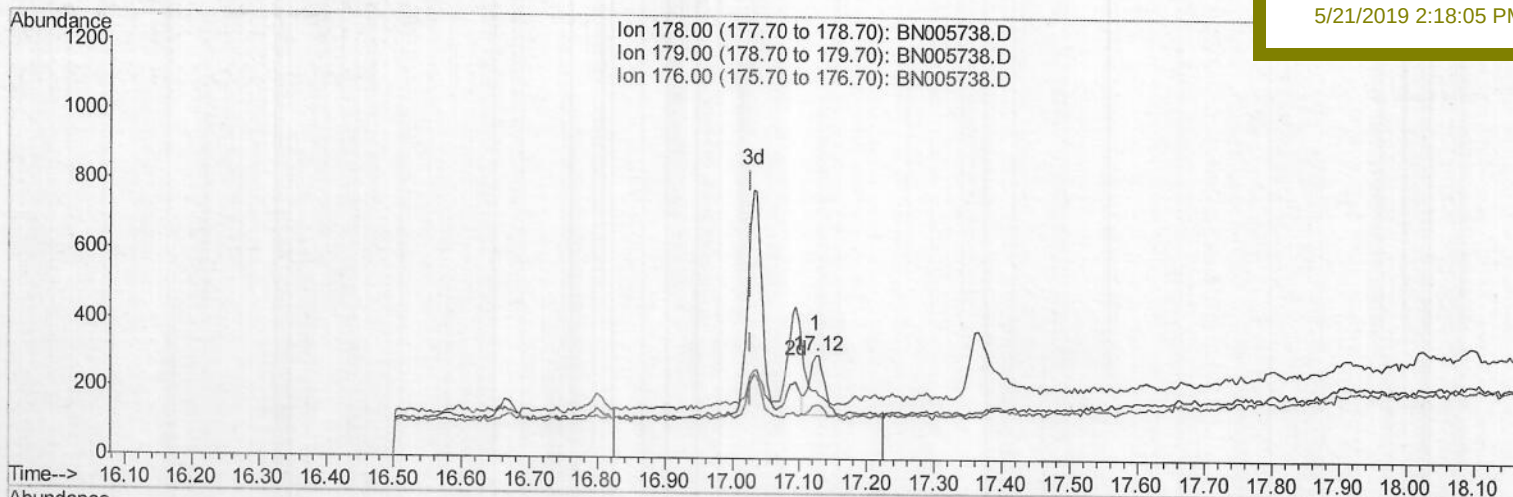
A51A3

Manual Integrations

APPROVED

mohammad

5/21/2019 2:18:05 PM



TIC: BN005738.D

(12) Phenanthrene

17.124min (+0.097) 0.01ng/ul

response 276

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	65.12#
176.00	19.10	51.16#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\

Data File : BN005738.D

Acq On : 17 May 2019 20:08

Operator : JU/SJ

Sample : K2788-13

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 01:05:25 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 : Fri May 17 04:47:07 2019

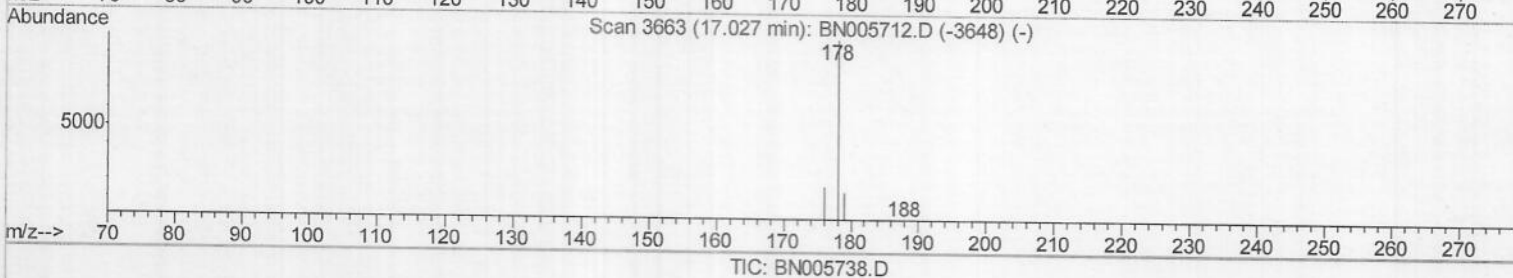
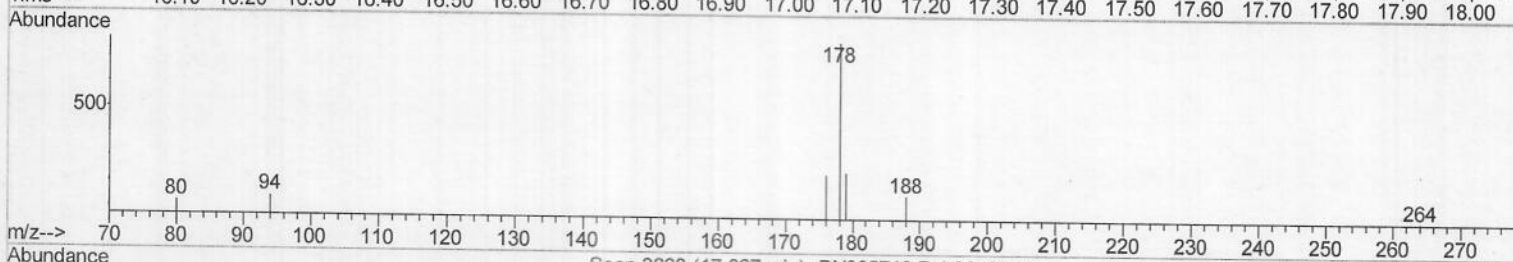
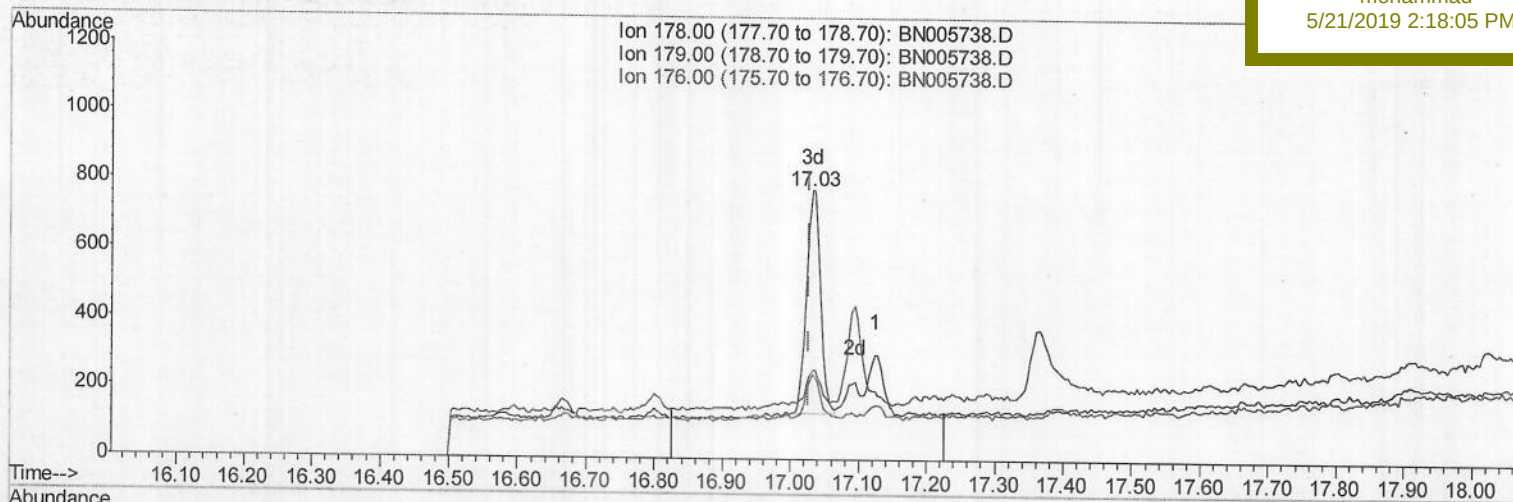
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A51A3

Manual Integrations
APPROVEDmohammad
5/21/2019 2:18:05 PM

(12) Phenanthrene

17.031min (+0.004) 0.04ng/ul m

J00513119

response 917

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	32.60#
176.00	19.10	31.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\

Data File : BN005738.D

Acq On : 17 May 2019 20:08

Operator : JU/SJ

Sample : K2788-13

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 01:05:25 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 : Fri May 17 04:47:07 2019

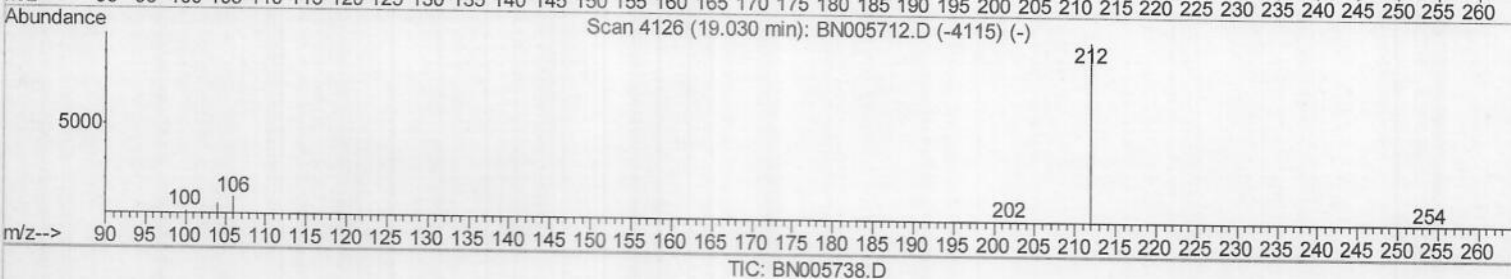
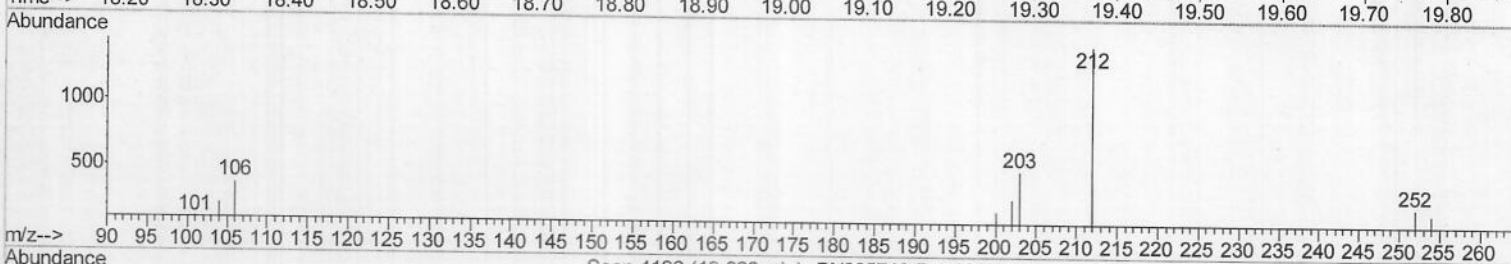
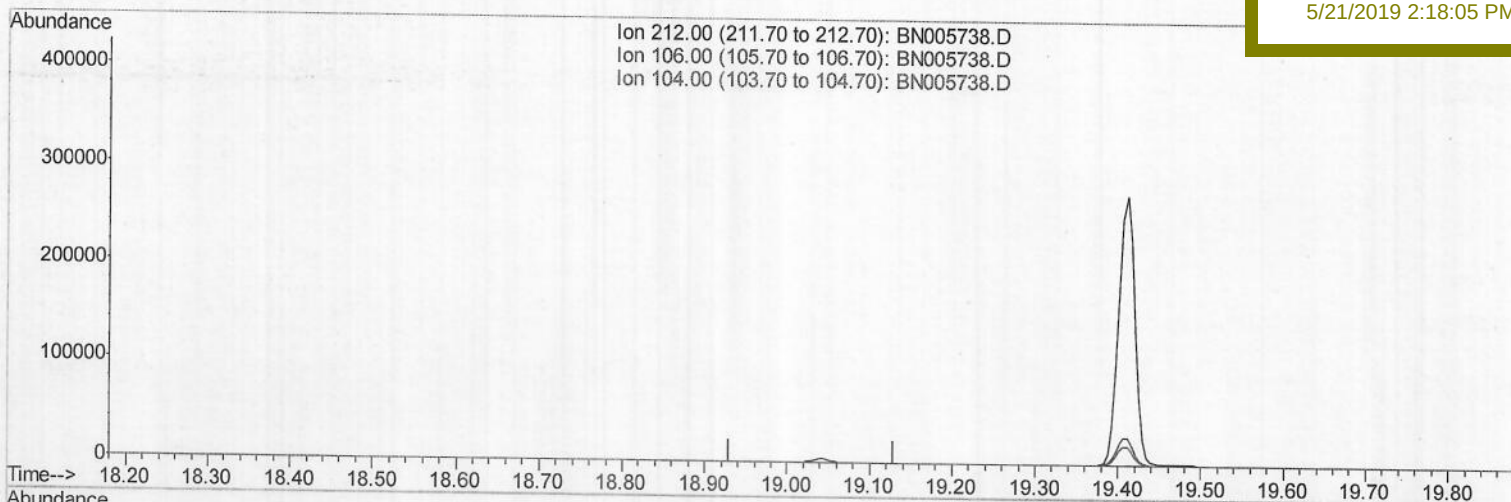
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A51A3

Manual Integrations
APPROVEDmohammad
5/21/2019 2:18:05 PM

(14) Fluoranthene-d10 (SURR)

19.030min (-19.030) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\

Data File : BN005738.D

Acq On : 17 May 2019 20:08

Operator : JU/SJ

Sample : K2788-13

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 01:05:25 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 : Fri May 17 04:47:07 2019

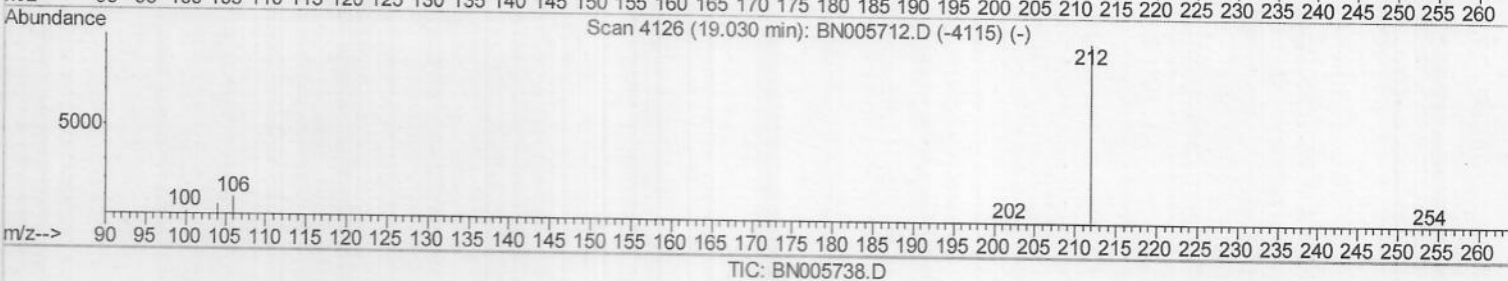
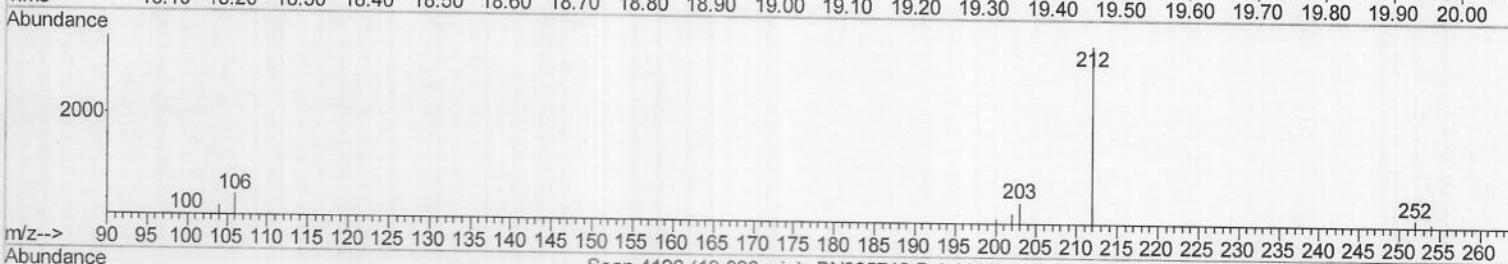
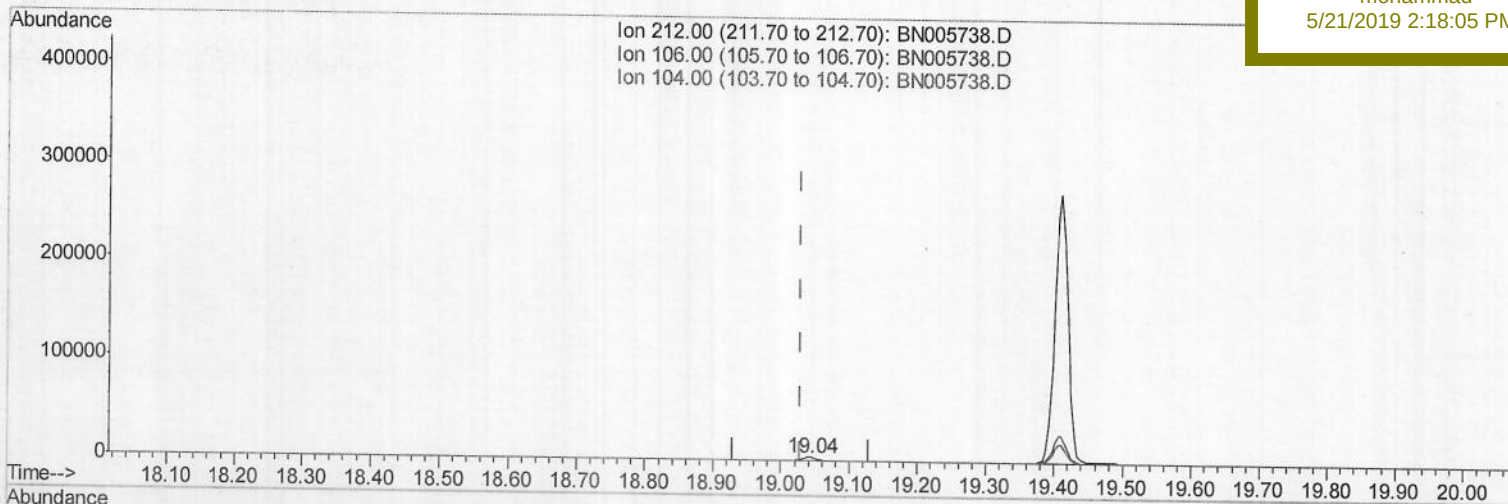
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

A51A3

Manual Integrations
APPROVEDmohammad
5/21/2019 2:18:05 PM

(14) Fluoranthene-d10 (SURR)

19.044min (+0.014) 0.17ng/ul m

250513119

response 4271

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\
Data File : BN005738.D
Acq On : 17 May 2019 20:08
Operator : JU/SJ
Sample : K2788-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 01:06:29 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 : Fri May 17 04:47:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A51A3

Manual Integrations
APPROVED

mohammad
5/21/2019 2:18:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1315	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	5268	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3363	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	7832m)	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	5134m)	0.40	ng/ul	0.02
20) Perylene-d12	23.46	264	4998m)	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1896	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4271m)	0.17	ng/ul	0.01
Target Compounds						
12) Phenanthrene	17.03	178	917m)	0.043	ng/ul	Qvalue

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

JU05/31/19