

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:04:07 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

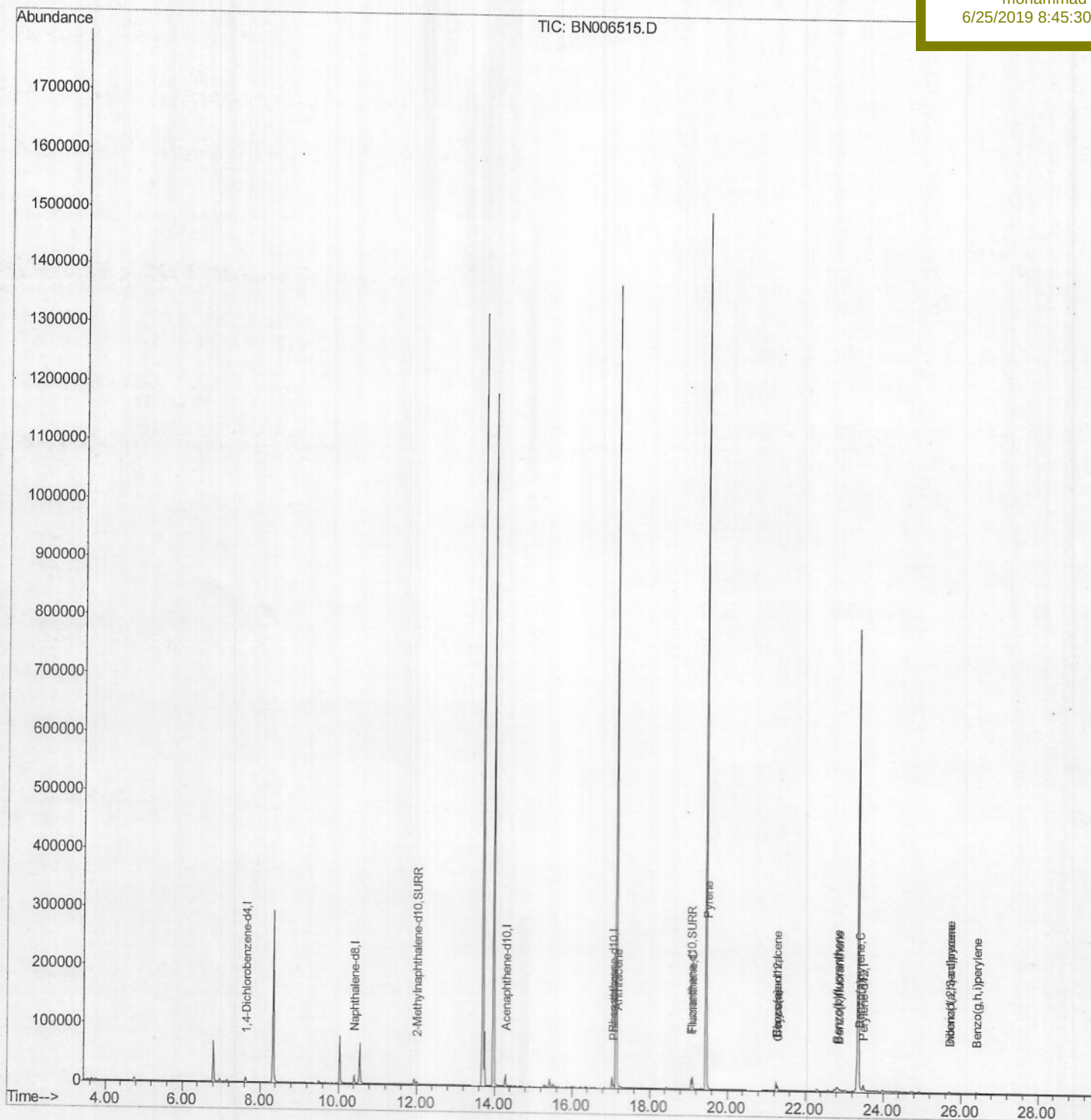
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 08:59:05 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 : Mon Jun 17 11:13:07 2019

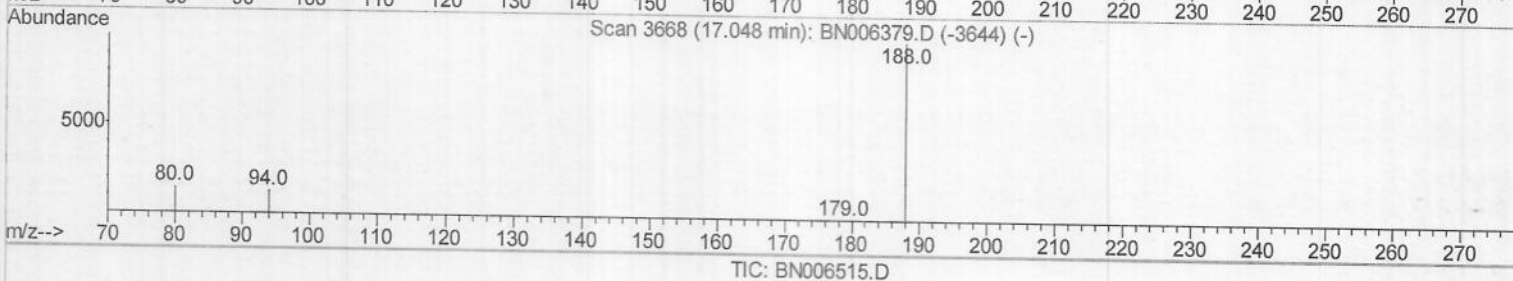
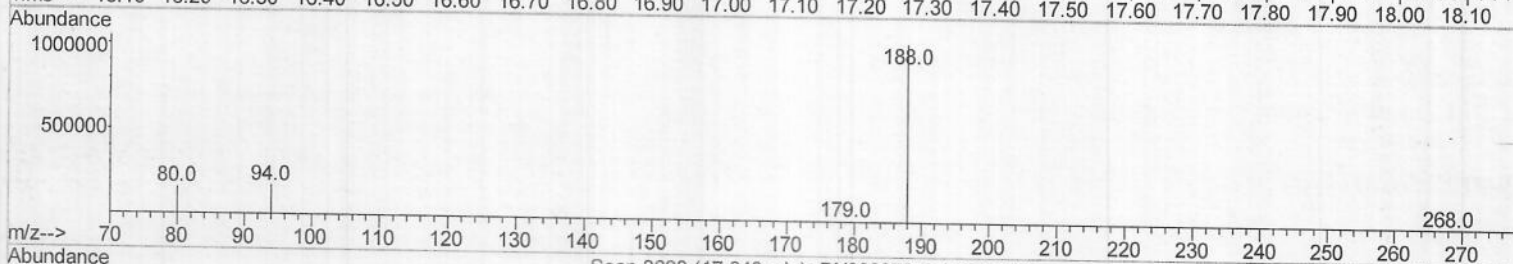
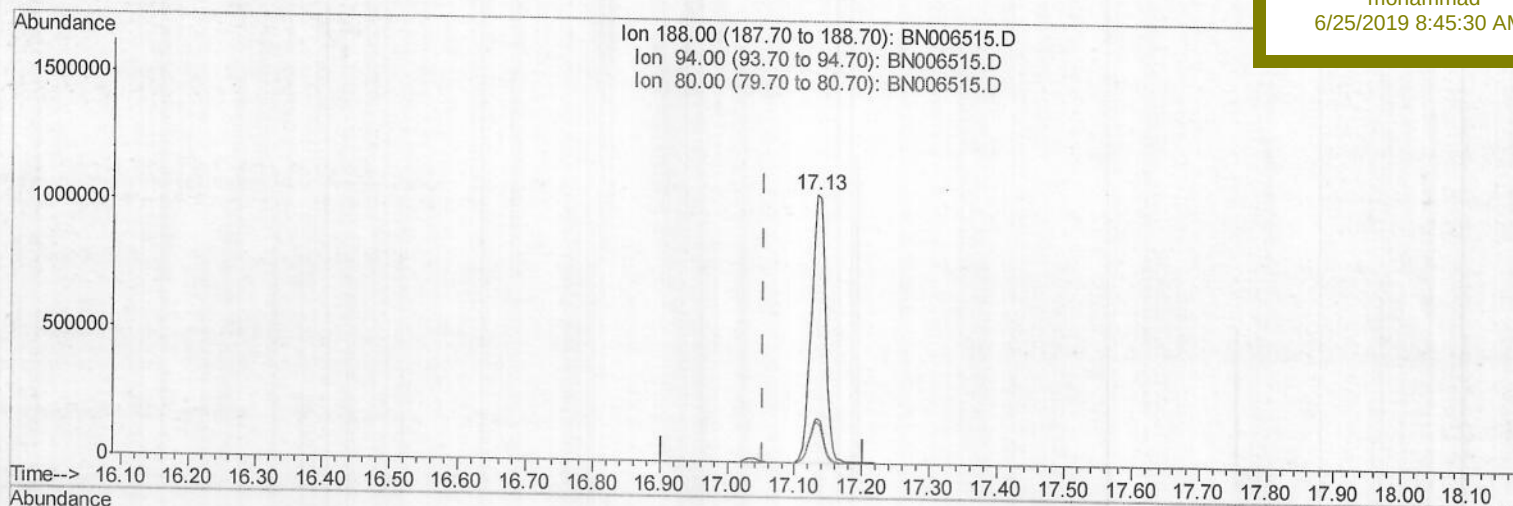
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

(10) Phenanthrene-d10 (I)

17.132min (+0.080) 0.40ng/ul

response 1535198

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	16.28#
80.00	13.60	14.87
0.00	0.00	0.00

Quantitation Report (Qedit)

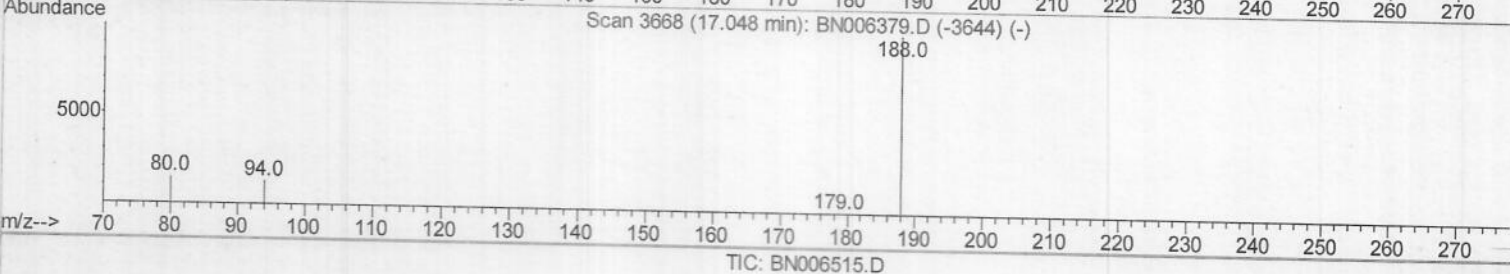
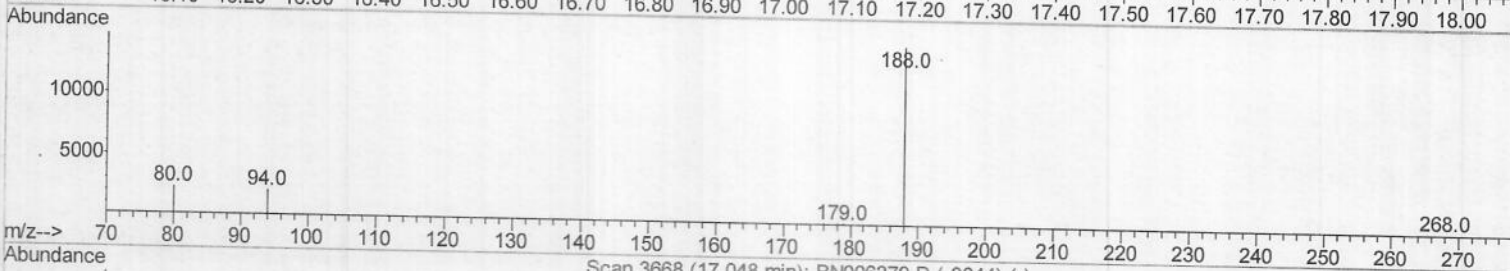
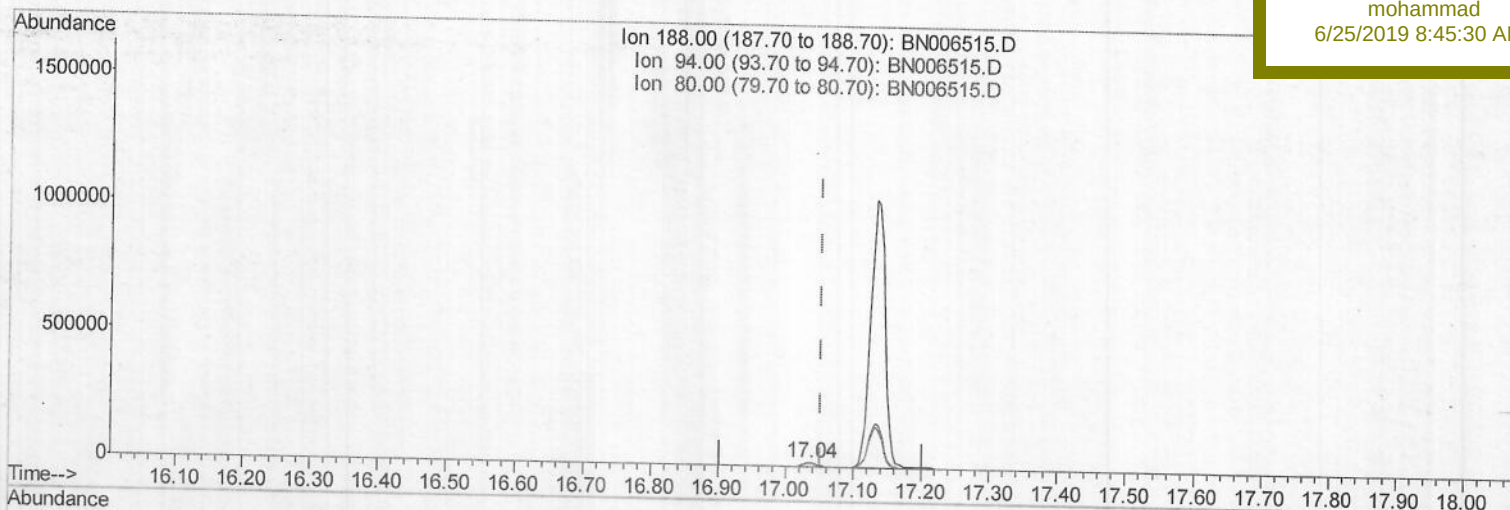
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\
 Data File : BN006515.D
 Acq On : 23 Jun 2019 07:53
 Operator : HP/JU
 Sample : K3360-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 08:59:05 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A41Y4

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:45:30 AM



(10) Phenanthrene-d10 (I)

17.035min (-0.017) 0.40ng/ul m

JU06/26/19

response 20696

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.68
80.00	13.60	15.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 08:59:30 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 :

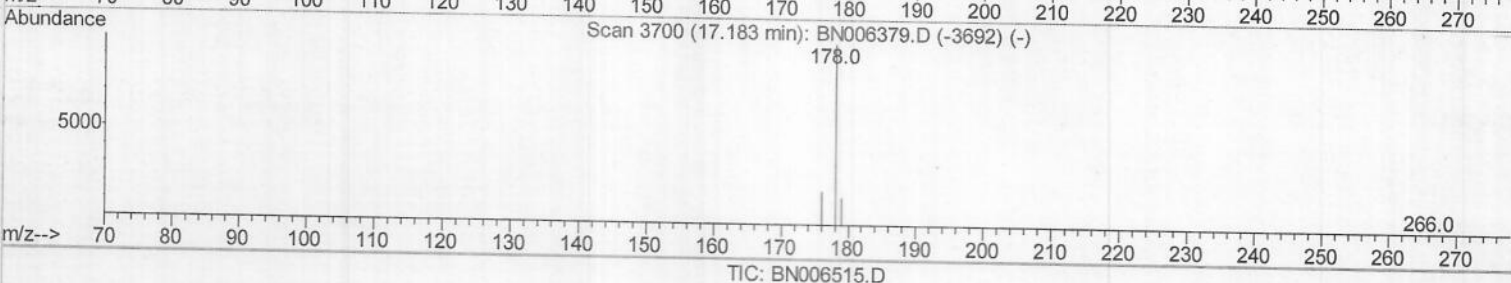
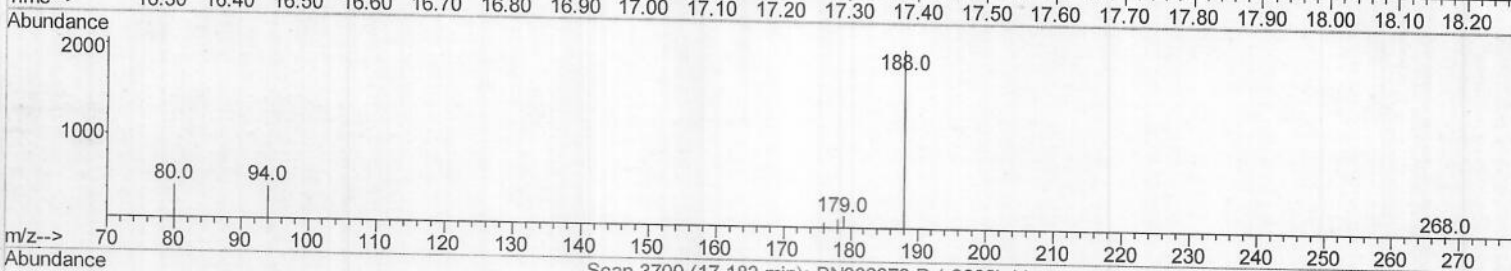
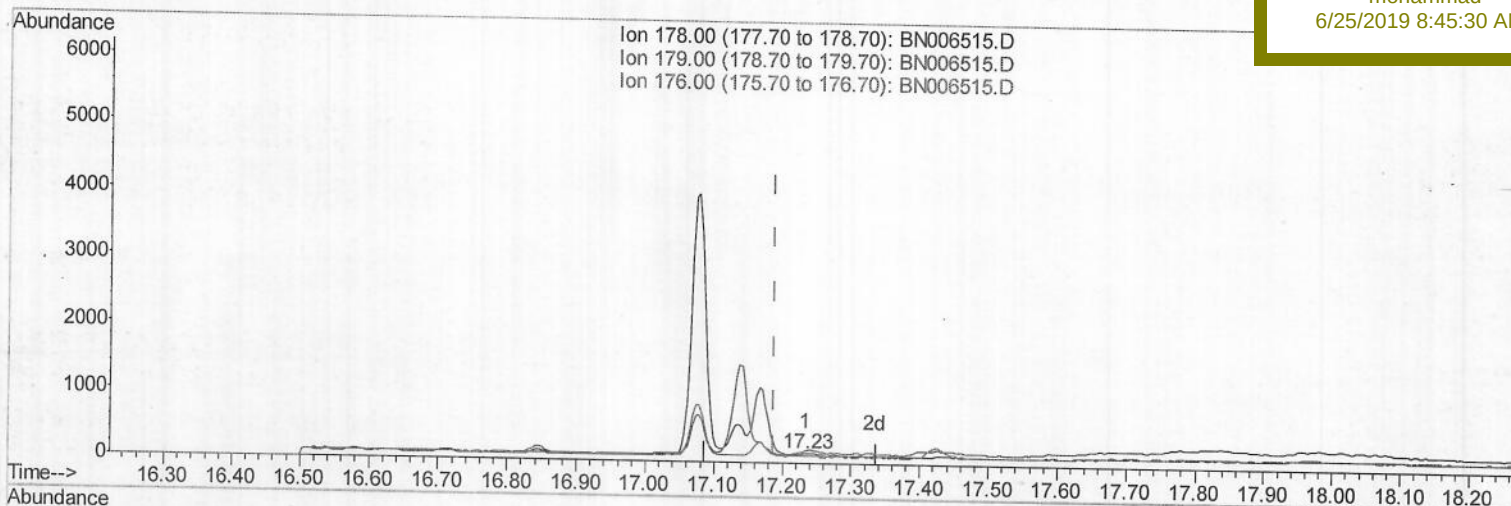
A41Y4

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:30 AM



(13) Anthracene

17.234min (+0.046) 0.00ng/ul

response 50

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	127.21#
176.00	18.90	71.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 08:59:30 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 :

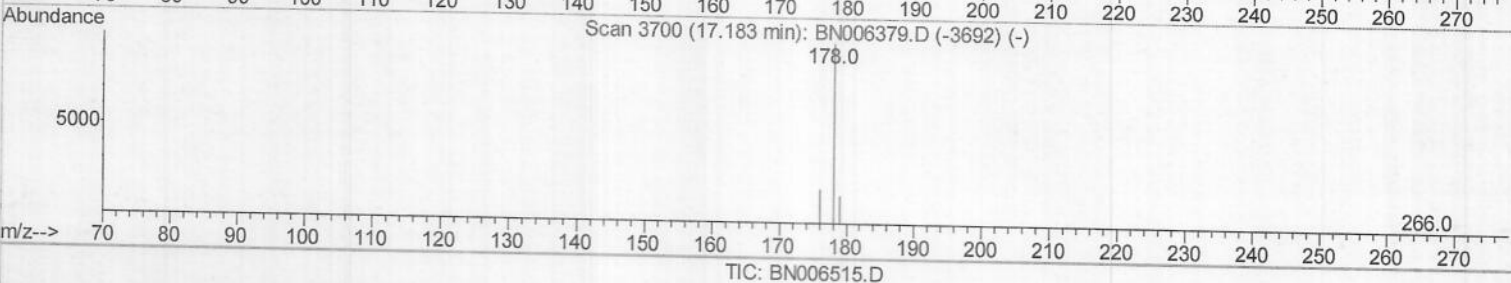
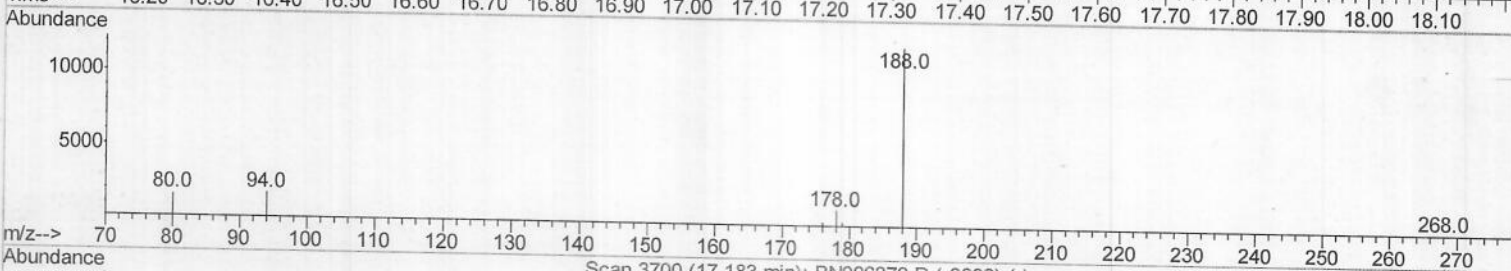
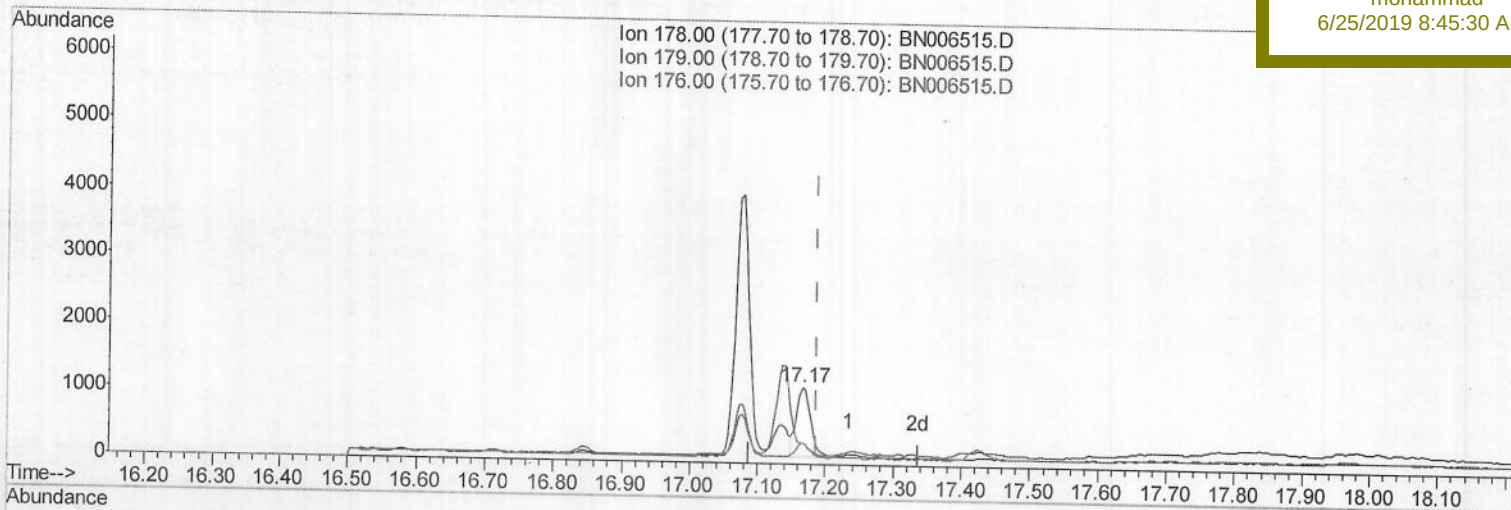
A41Y4

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:30 AM



(13) Anthracene

17.166min (-0.021) 0.02ng/ul m

response 1438

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	26.60#
176.00	18.90	26.60#
0.00	0.00	0.00

JU06/26/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 08:59:30 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 :

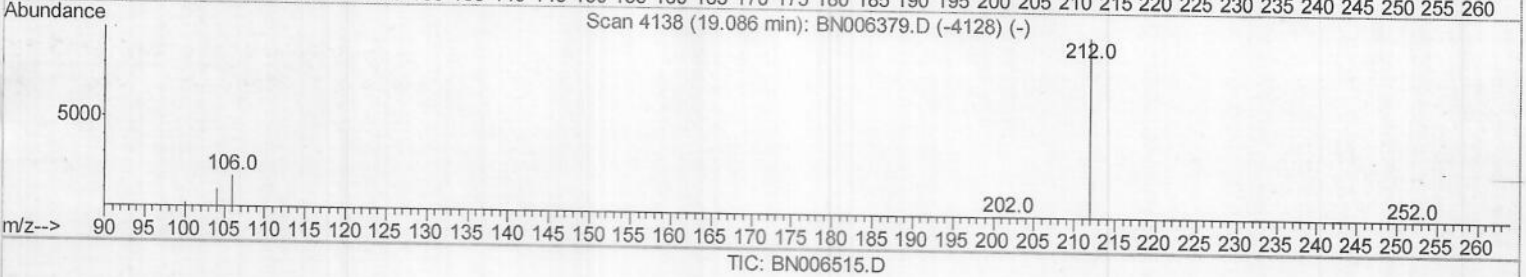
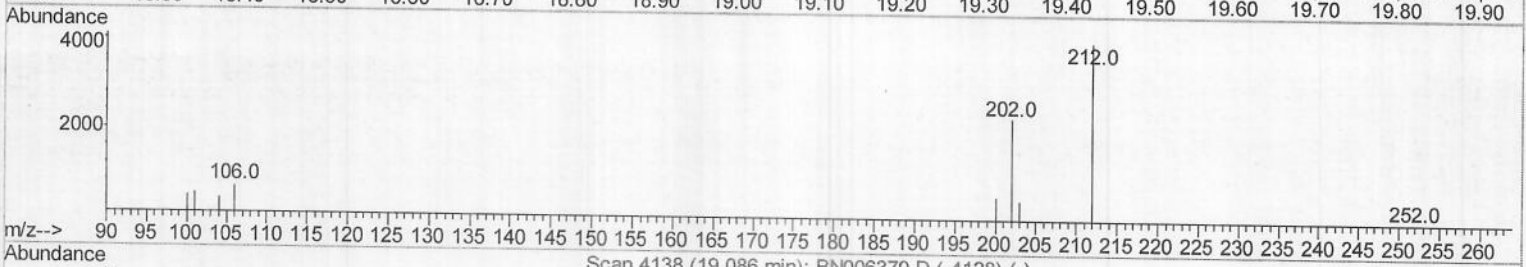
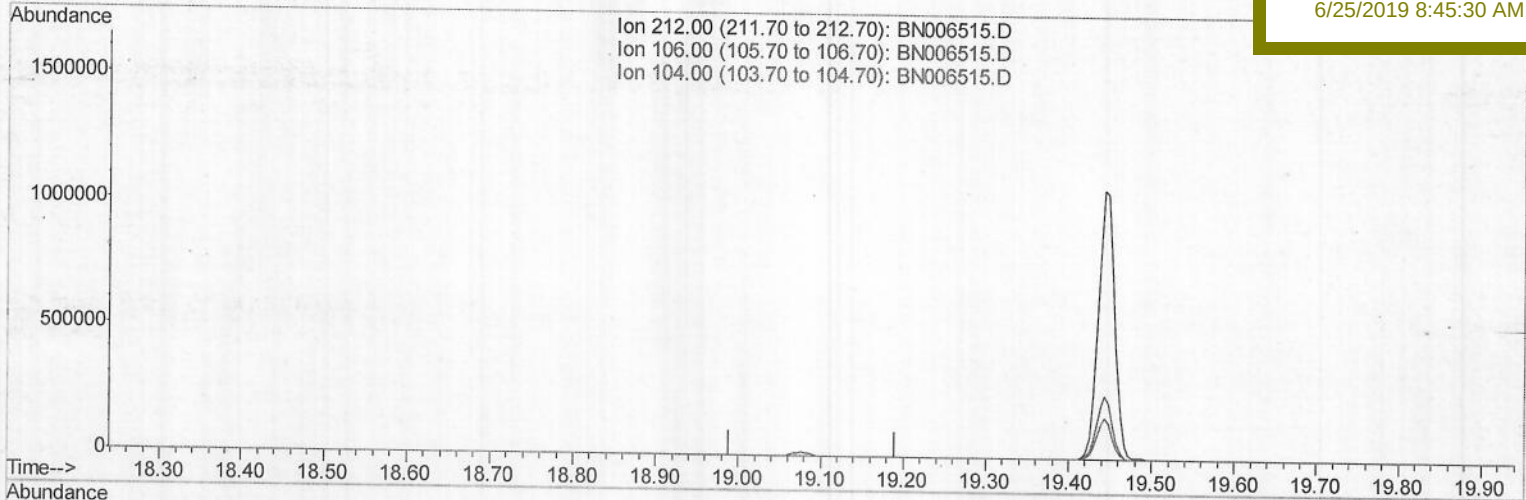
A41Y4

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:30 AM



(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 08:59:30 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

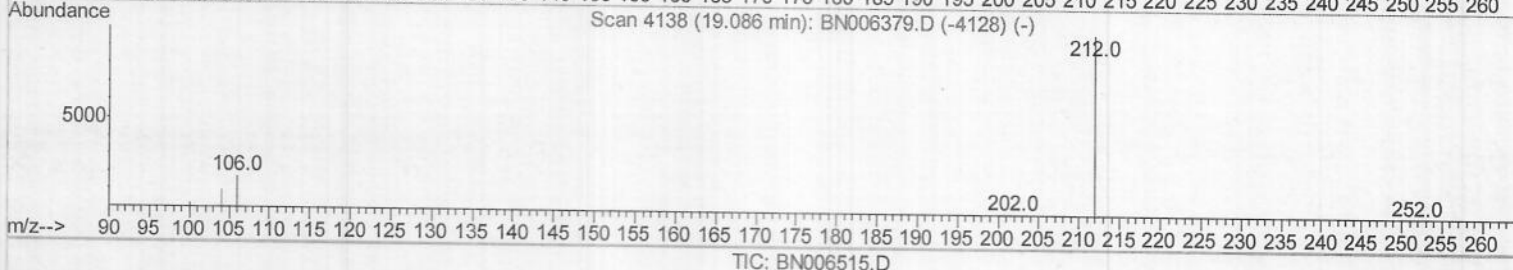
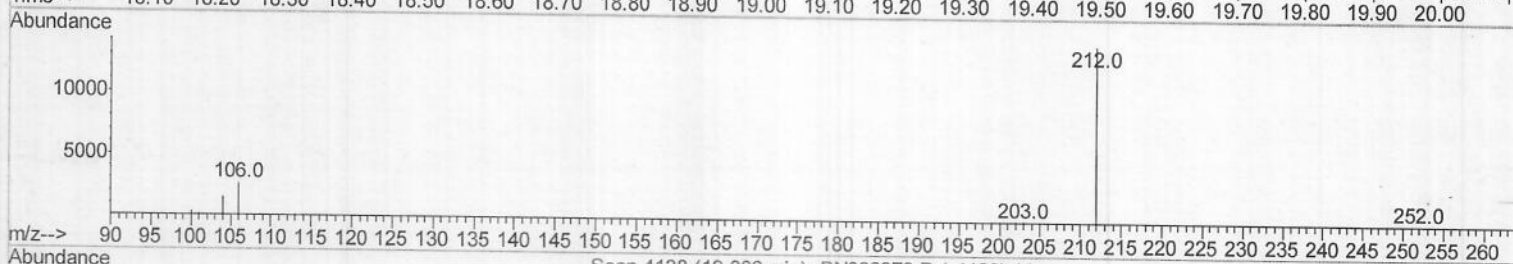
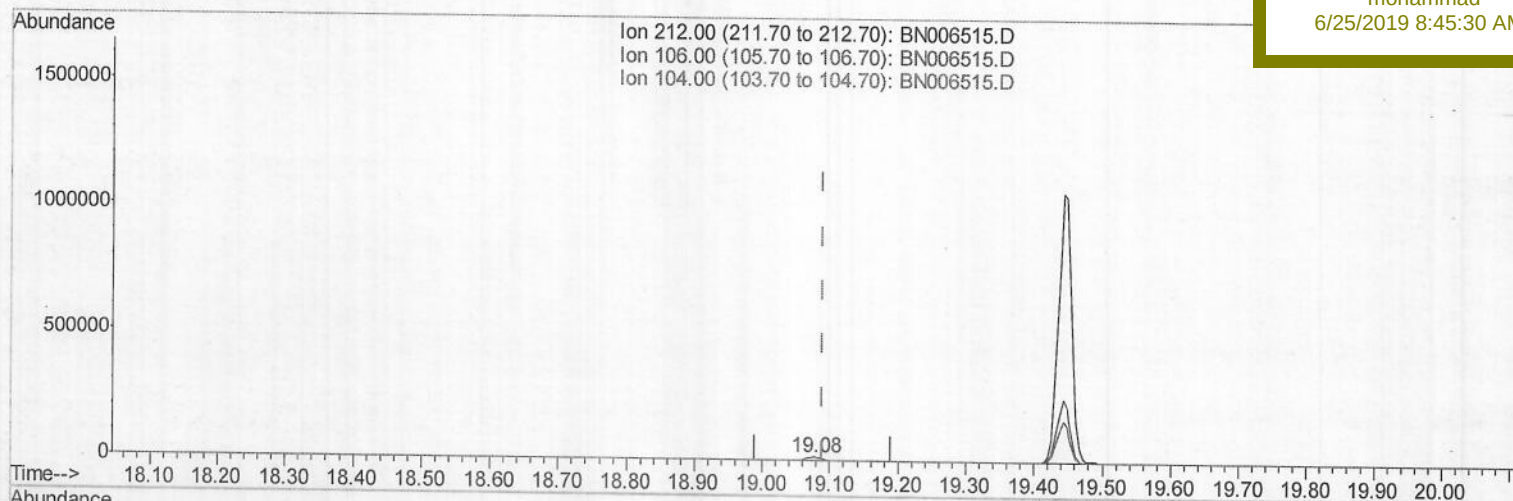
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

(14) Fluoranthene-d10 (SURR)

19.076min (-0.014) 0.34ng/ul m

JU06/25/19

response 18879

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 08:59:30 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

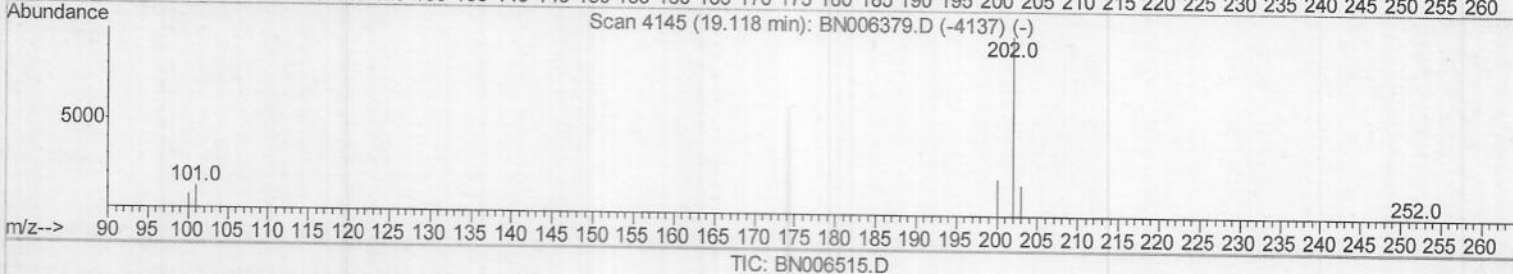
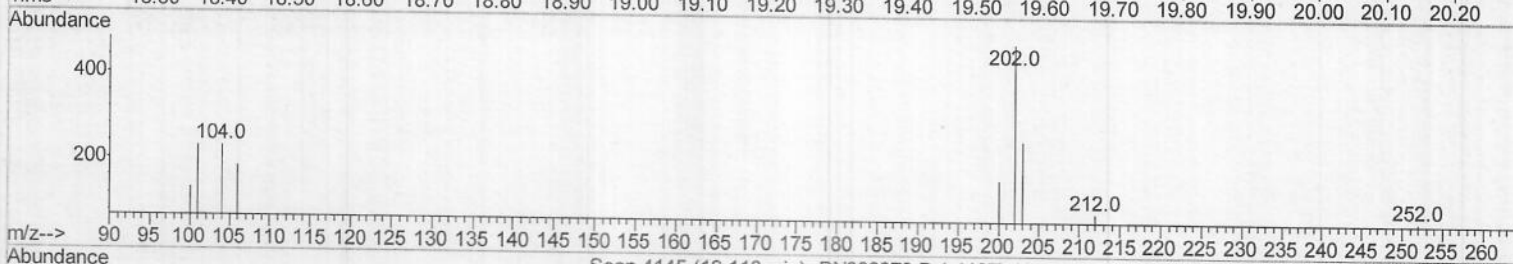
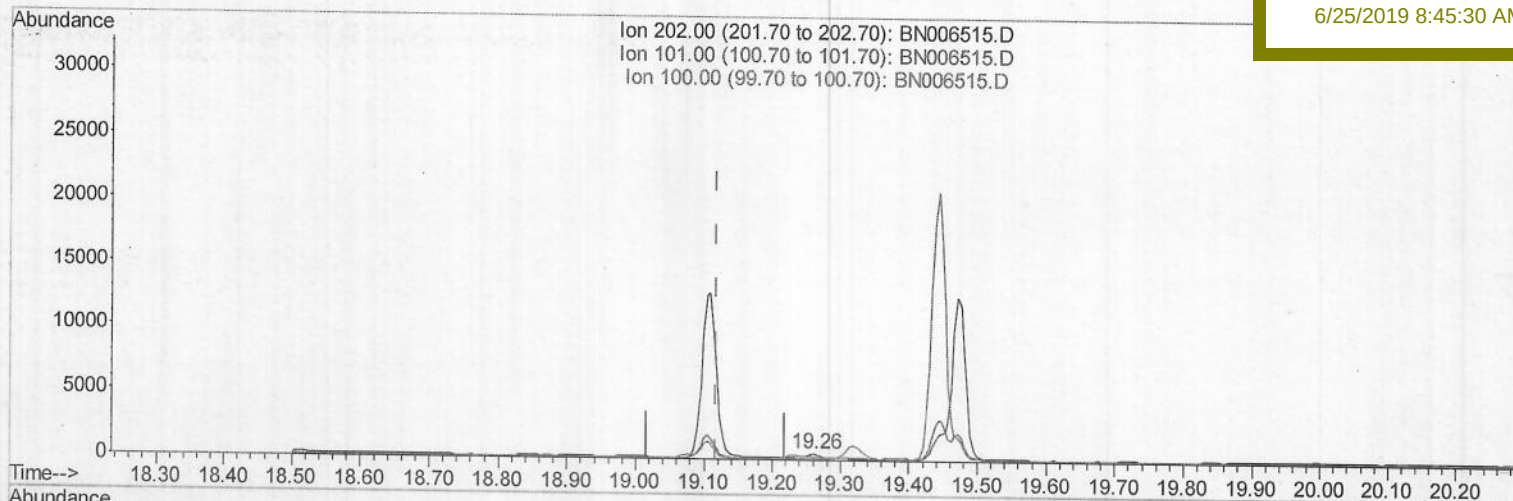
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

(15) Fluoranthene (C)

19.262min (+0.144) 0.01ng/ul

response 441

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	47.50#
100.00	8.70	27.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 08:59:30 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 :

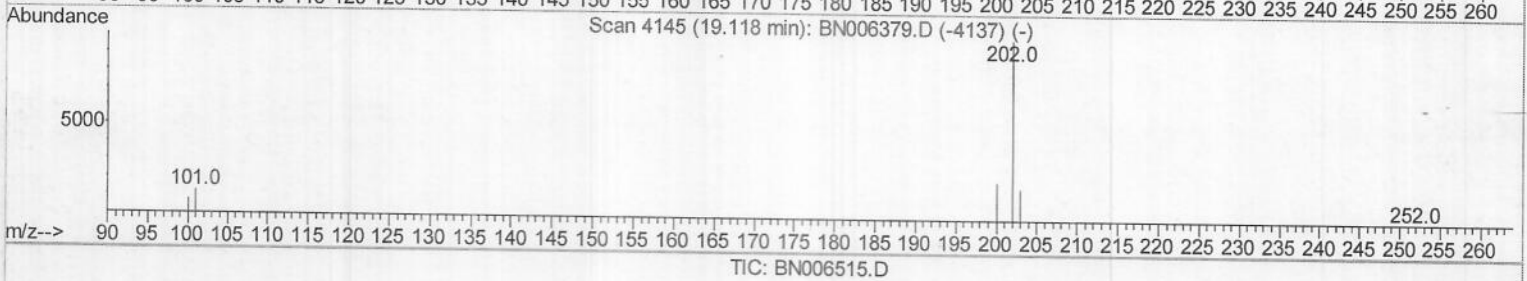
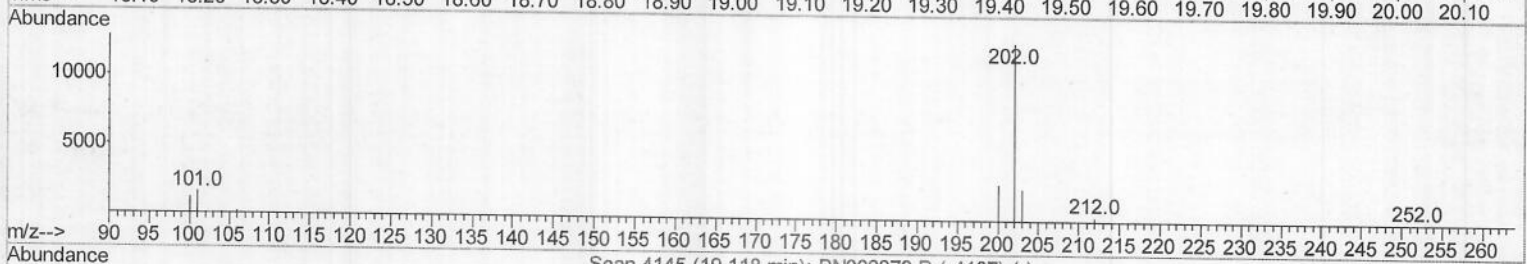
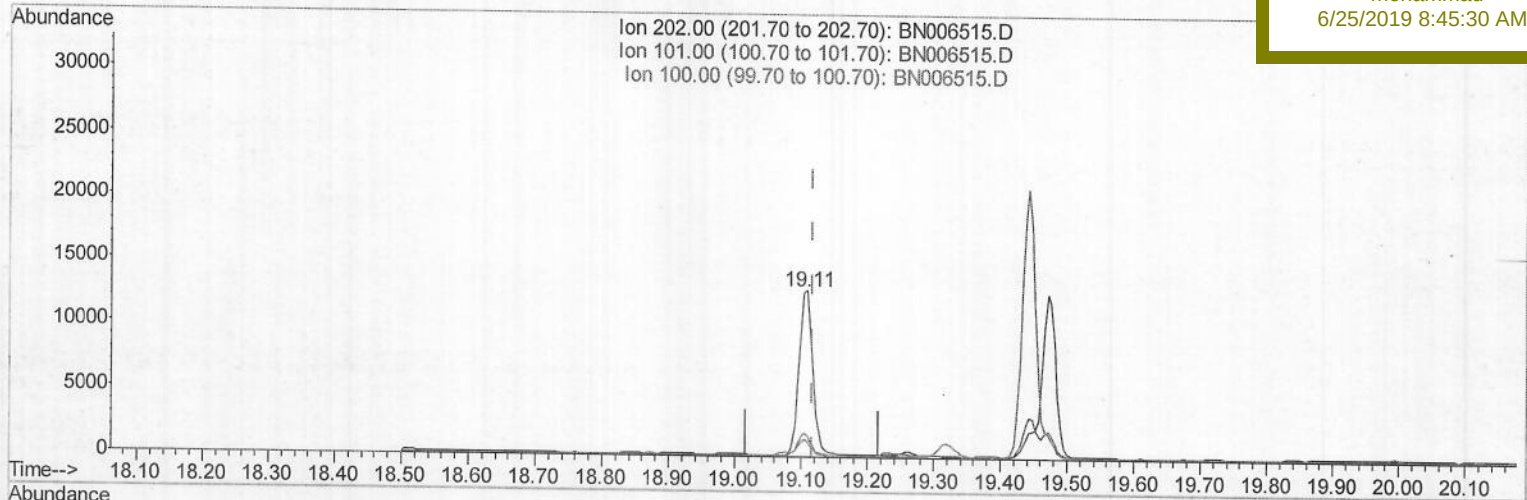
A41Y4

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:30 AM



(15) Fluoranthene (C)

19.109min (-0.009) 0.25ng/ul m

response 18258

Ion Exp% Act%

202.00 100 100

101.00 12.10 12.73

100.00 8.70 9.31

0.00 0.00 0.00

JUN 26 11:19

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 08:59:30 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

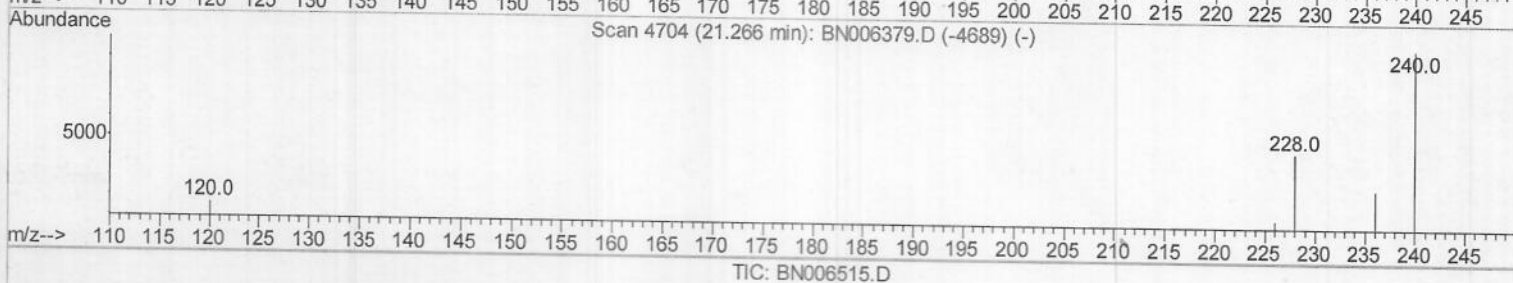
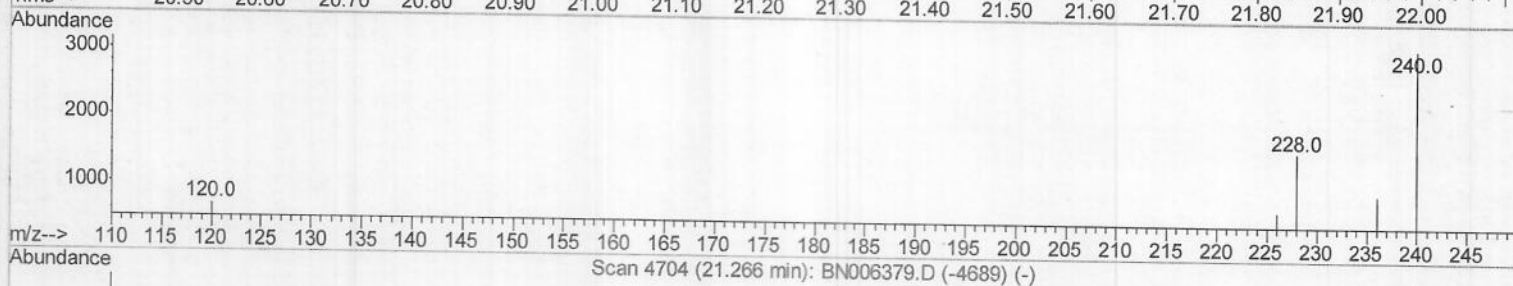
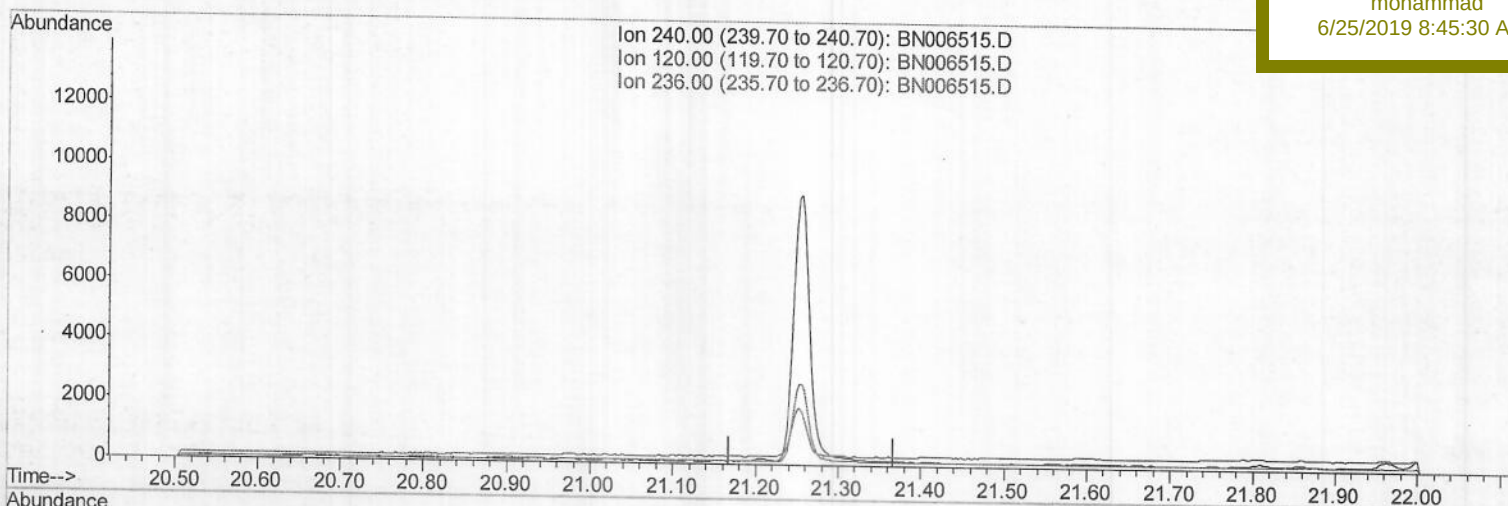
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.10	0.00#
236.00	30.10	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 08:59:30 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

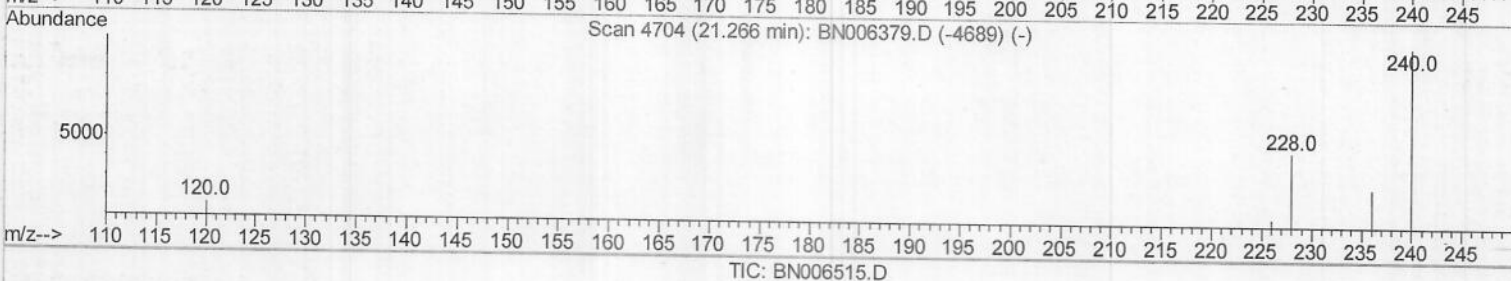
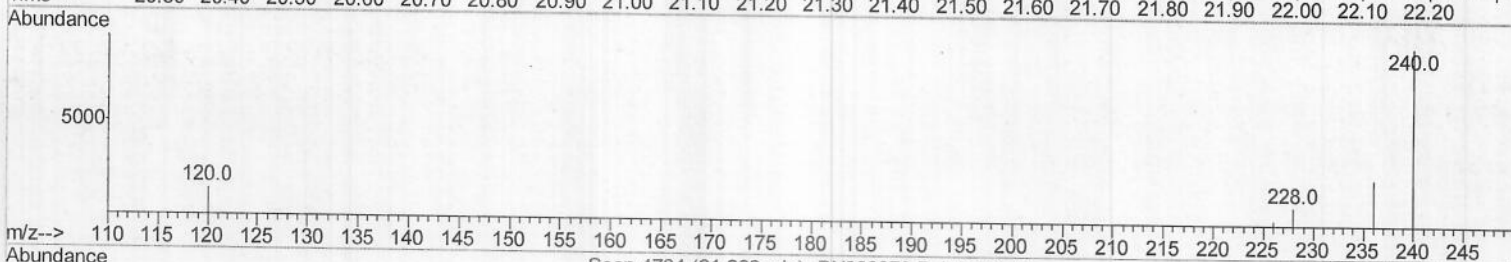
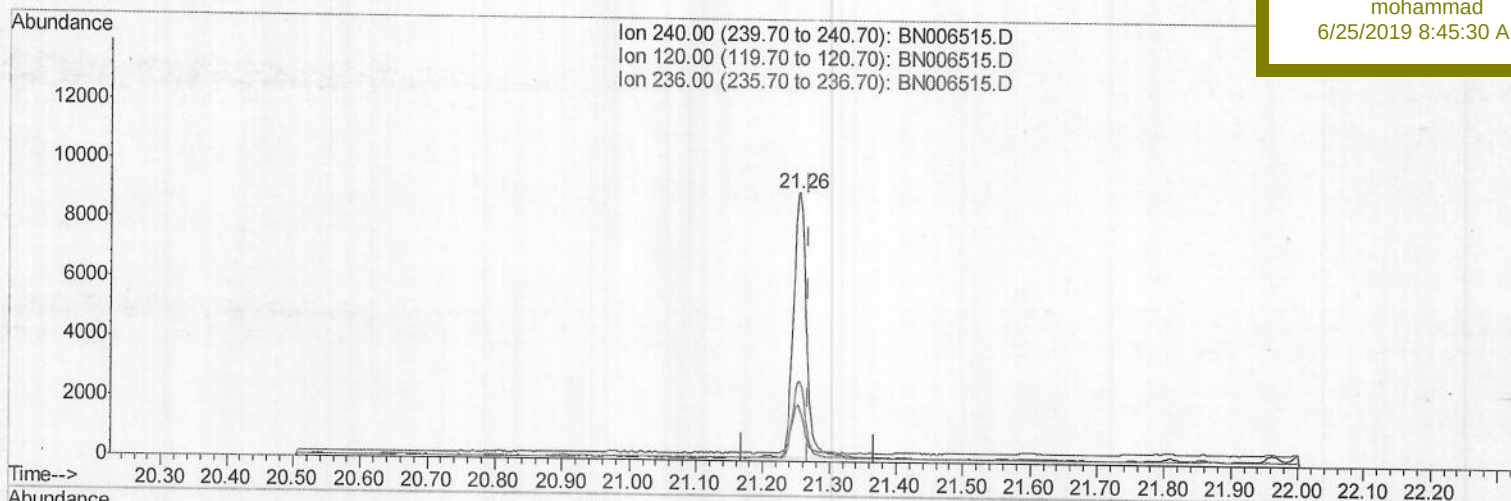
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

(16) Chrysene-d12 (I)

21.255min (-0.013) 0.40ng/ul m) JU06126119

response 12049

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	19.68
236.00	30.10	29.72
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:00 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

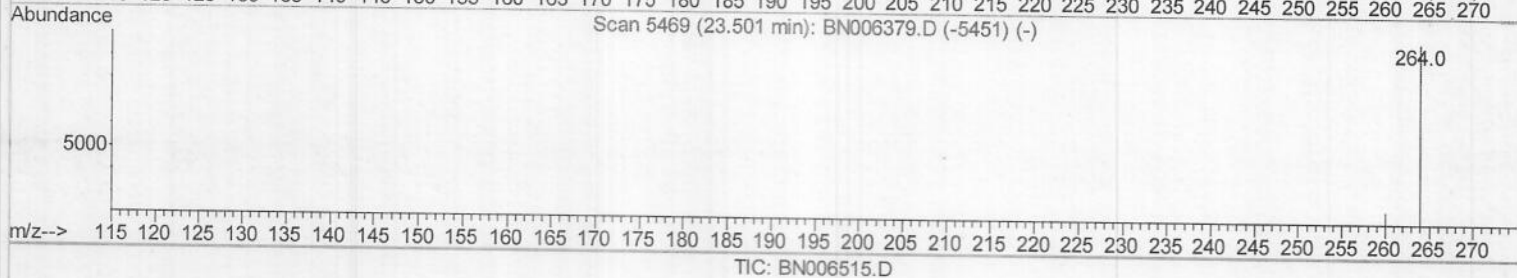
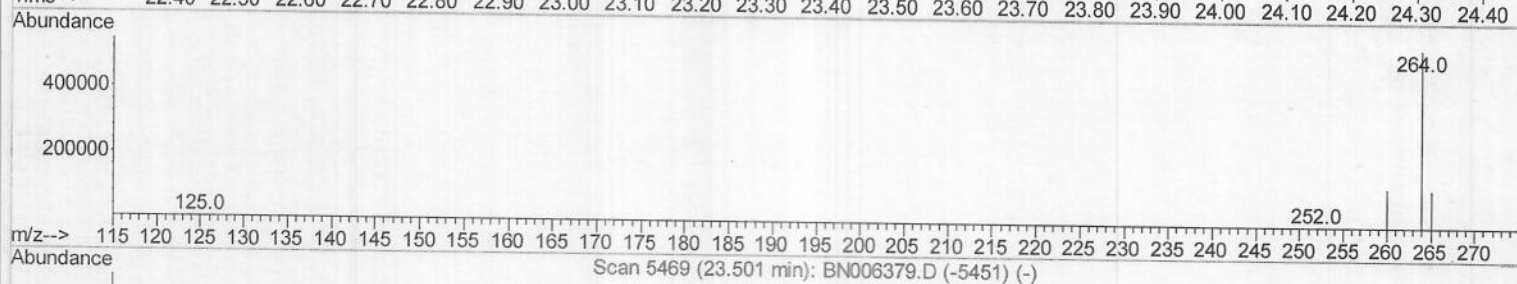
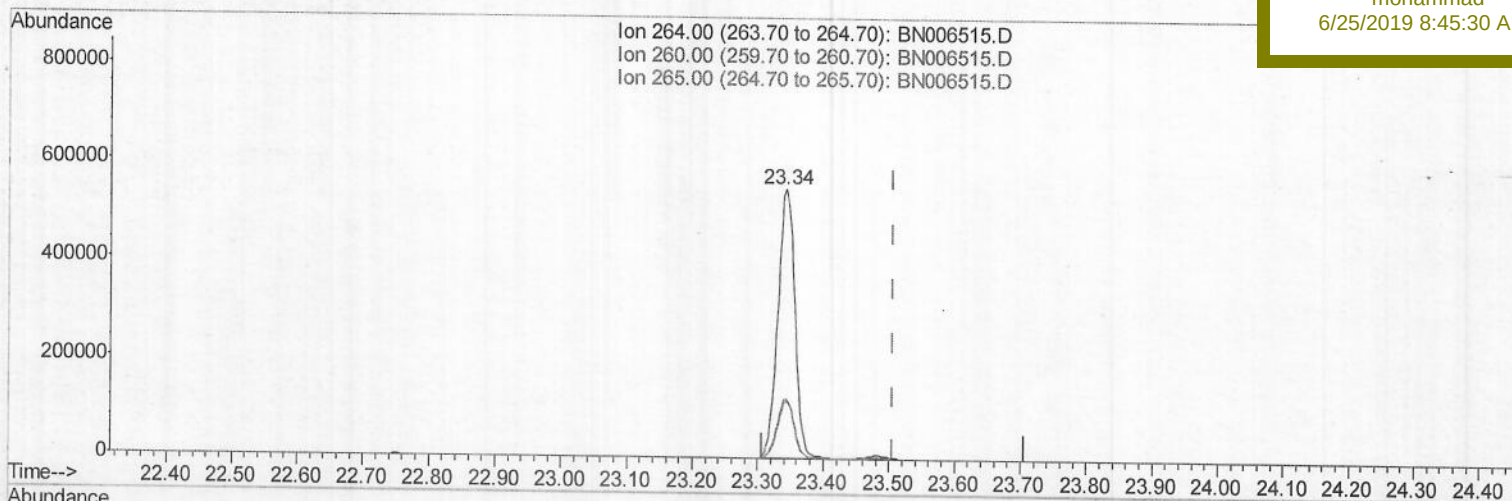
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

(20) Perylene-d12 (I)

23.342min (-0.165) 0.40ng/ul

response 987967

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.36#
265.00	44.70	21.59#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:00 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

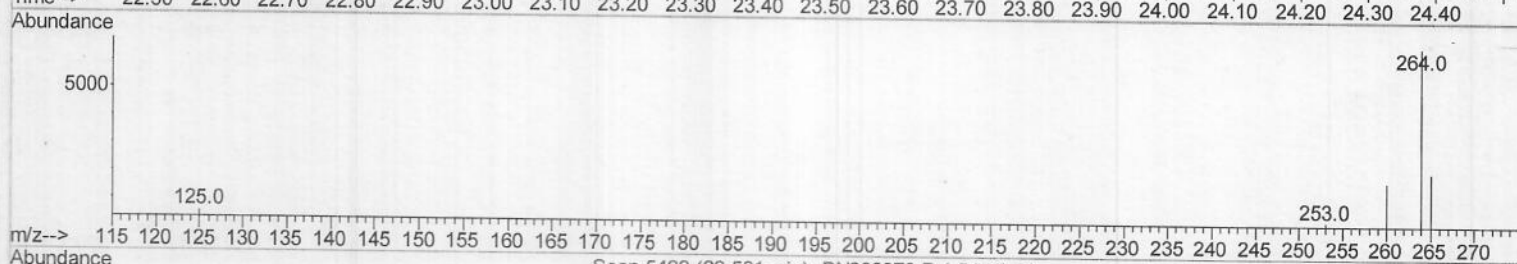
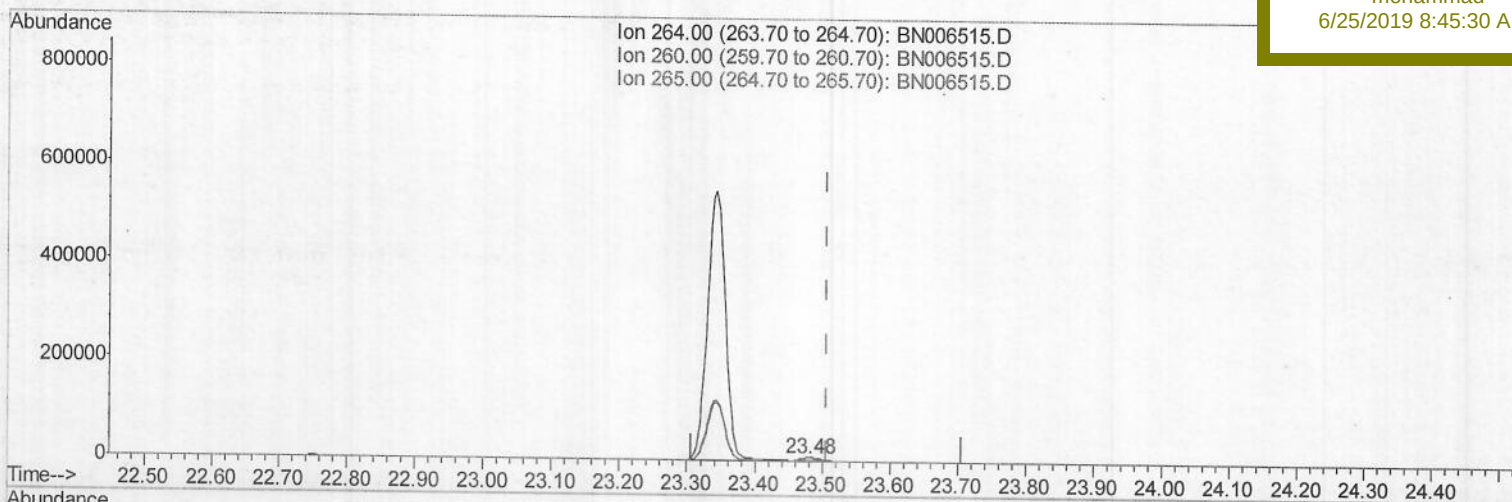
Response via : Initial Calibration

Instrument :

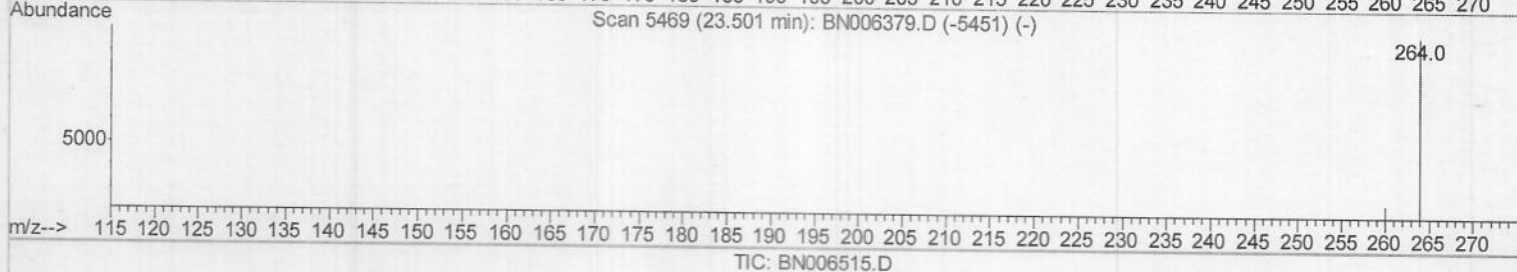
BNA_N

ClientSampleId :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

Scan 5469 (23.501 min): BN006379.D (-5451) (-)



(20) Perylene-d12 (I)

23.479min (-0.028) 0.40ng/ul m

JUN06/26/19

response 9820

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.81
265.00	44.70	32.98#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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

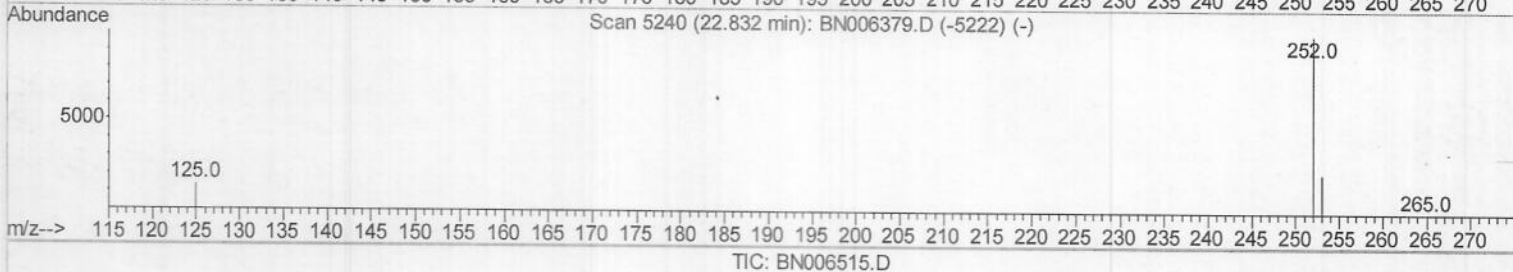
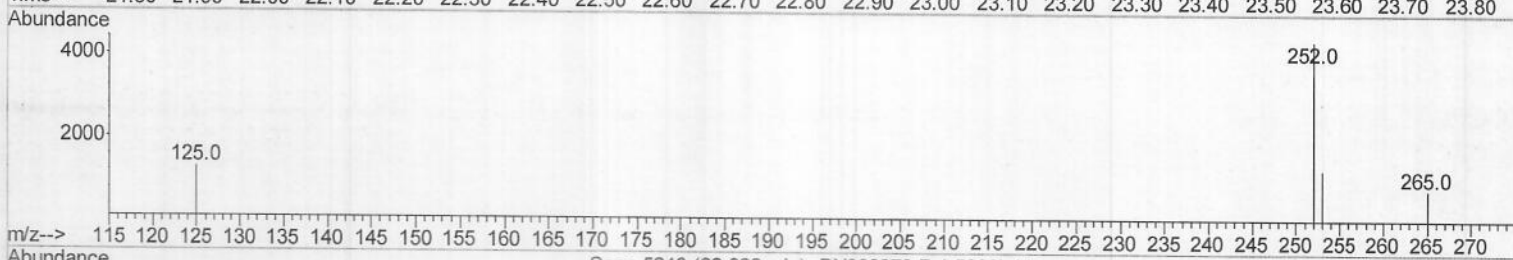
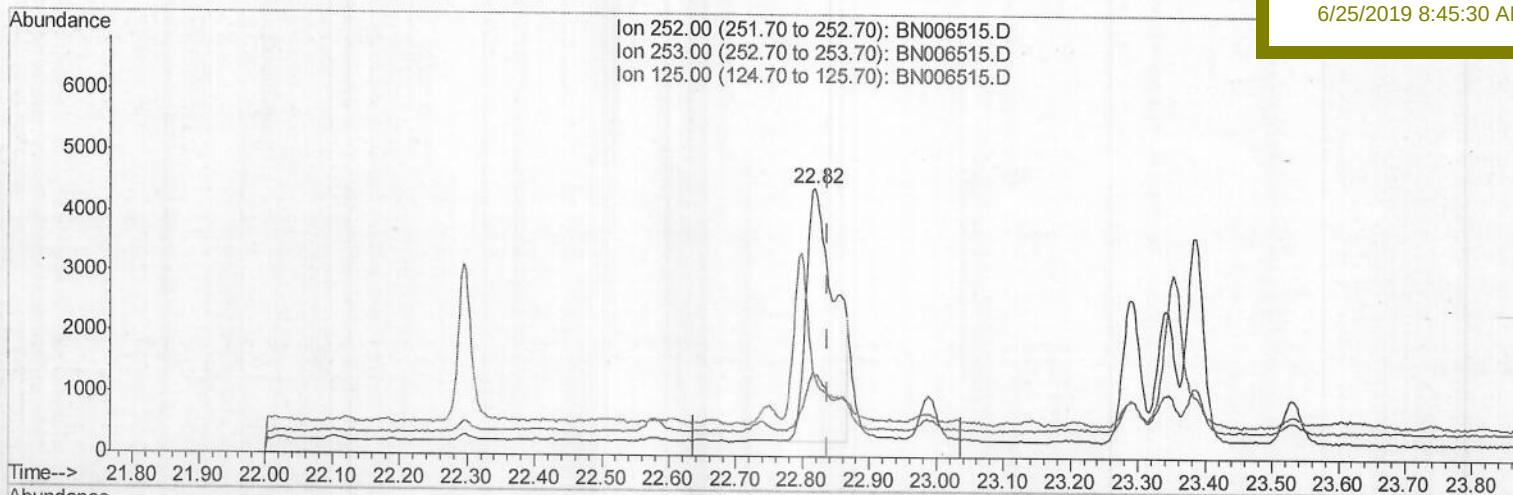
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

(21) Benzo(b)fluoranthene

22.819min (-0.019) 0.29ng/ul

response 12036

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	29.93
125.00	20.50	29.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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

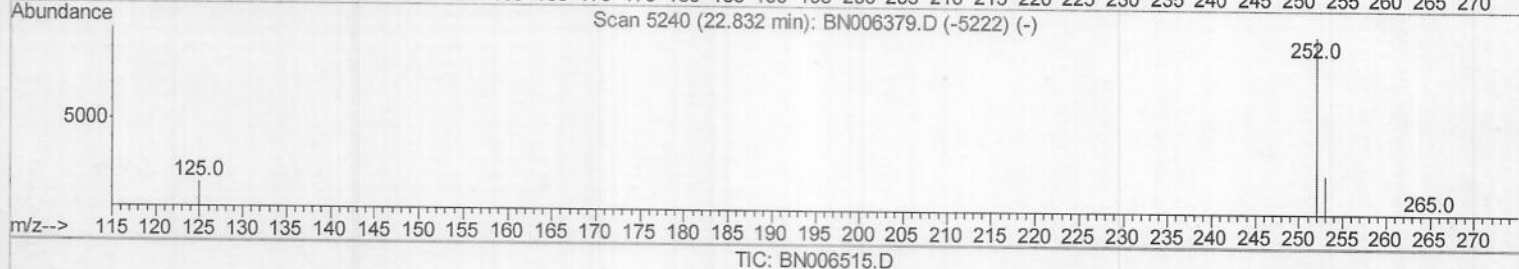
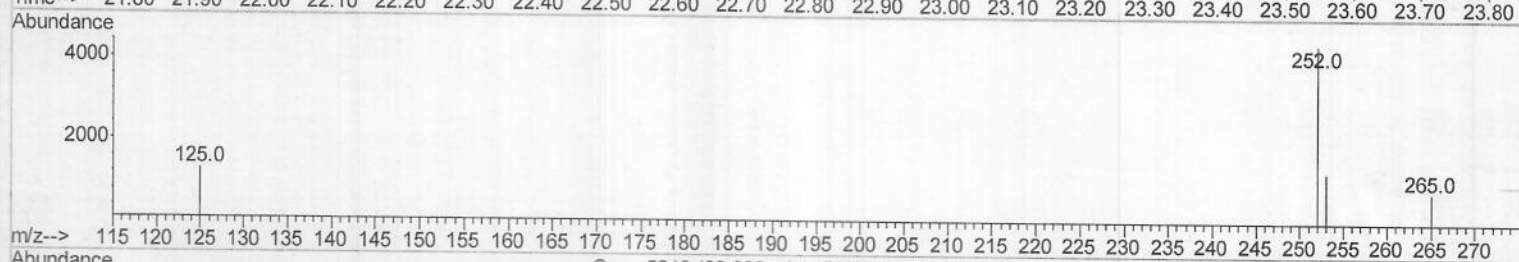
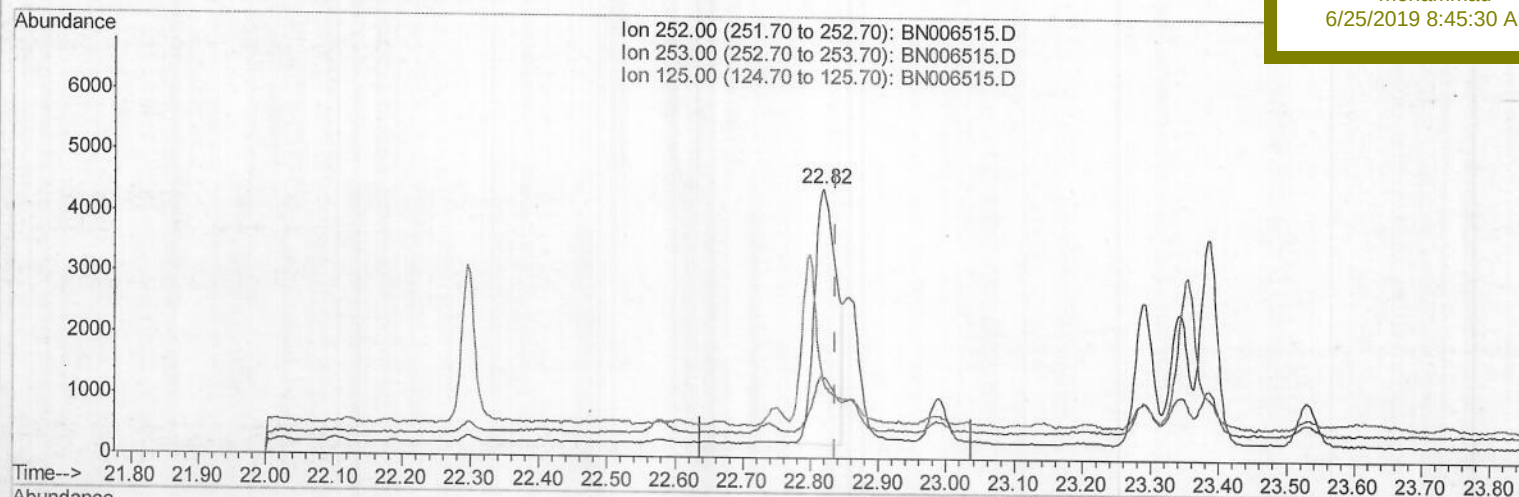
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

(21) Benzo(b)fluoranthene

22.819min (-0.019) 0.23ng/ul m

JU06/26/19

response 9282

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	29.93
125.00	20.50	29.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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 :

A41Y4

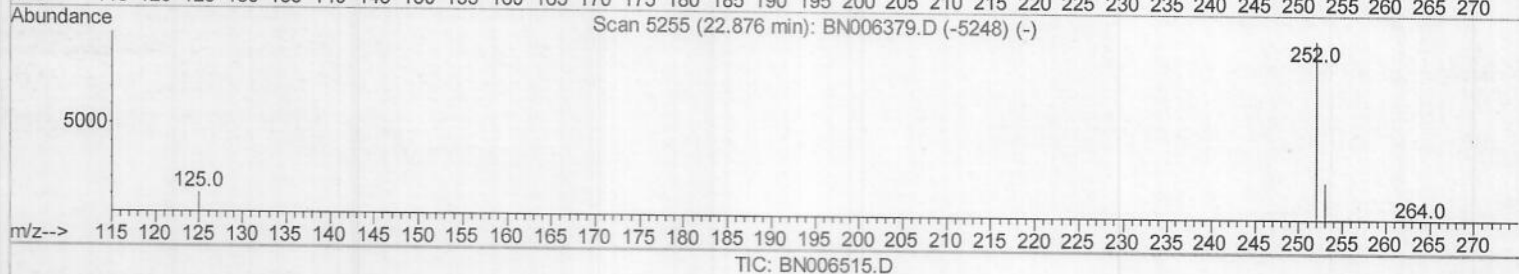
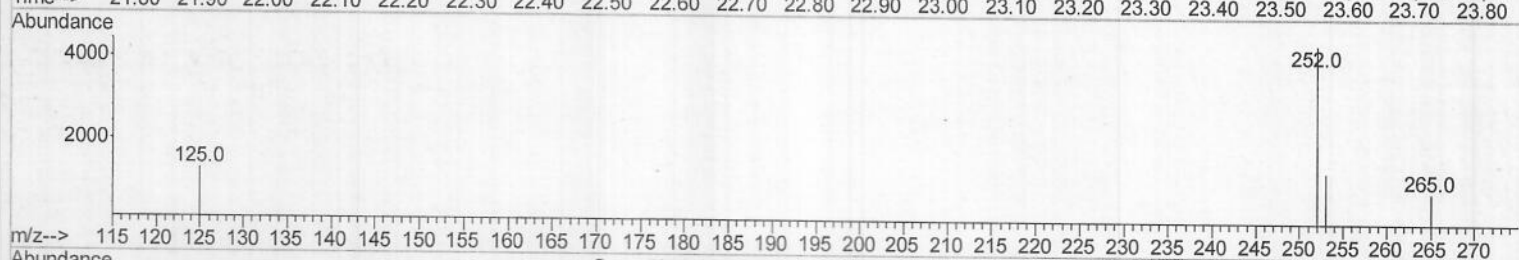
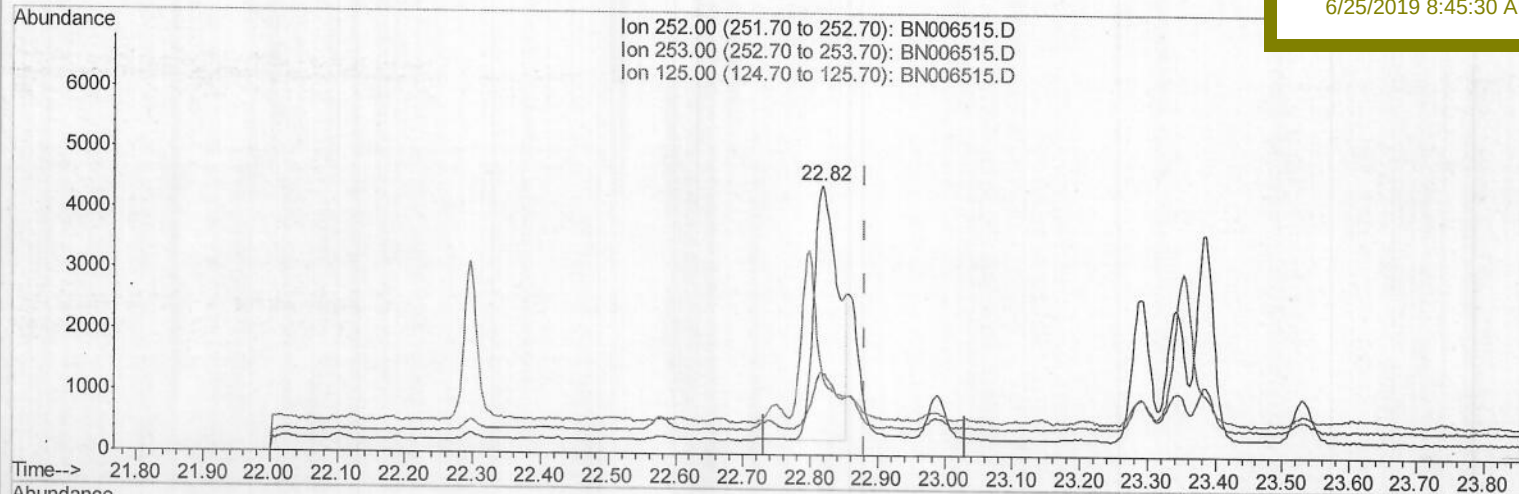
Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:30 AM

Ion 252.00 (251.70 to 252.70): BN006515.D
Ion 253.00 (252.70 to 253.70): BN006515.D
Ion 125.00 (124.70 to 125.70): BN006515.D



TIC: BN006515.D

(22) Benzo(k)fluoranthene

22.819min (-0.063) 0.26ng/ul

response 10435

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	29.93
125.00	17.90	29.03#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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

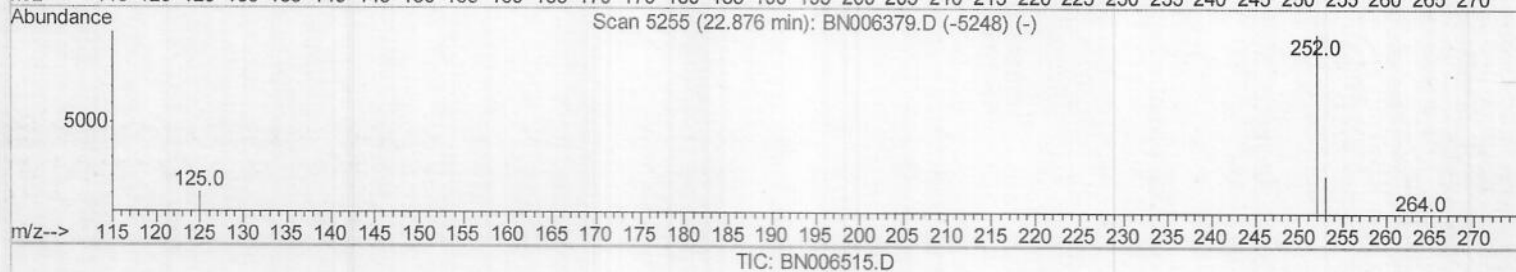
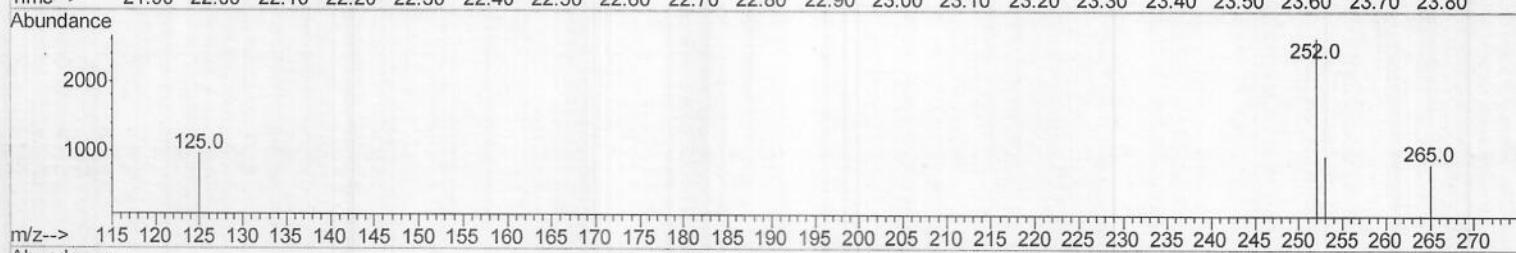
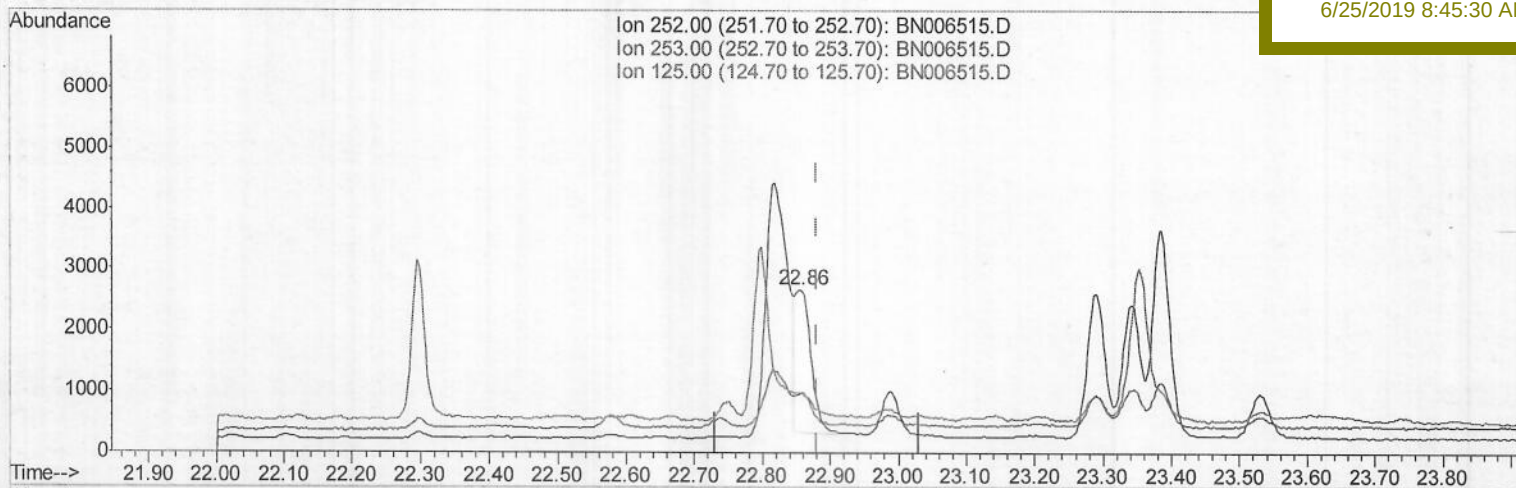
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

(22) Benzo(k)fluoranthene

22.857min (-0.025) 0.10ng/ul m) JU06126119

response 3856

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	36.30#
125.00	17.90	36.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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 :

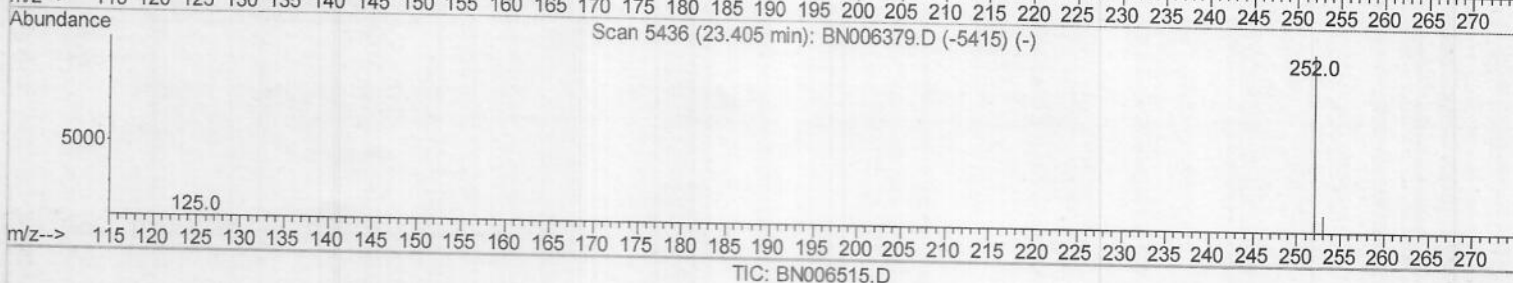
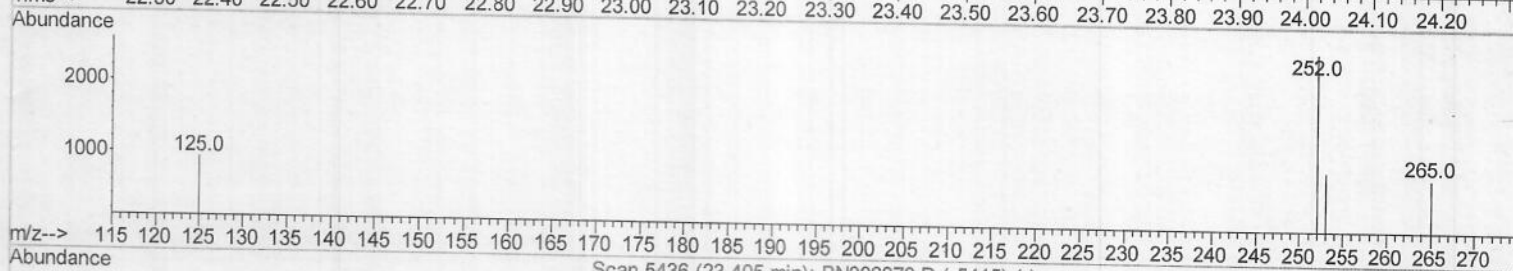
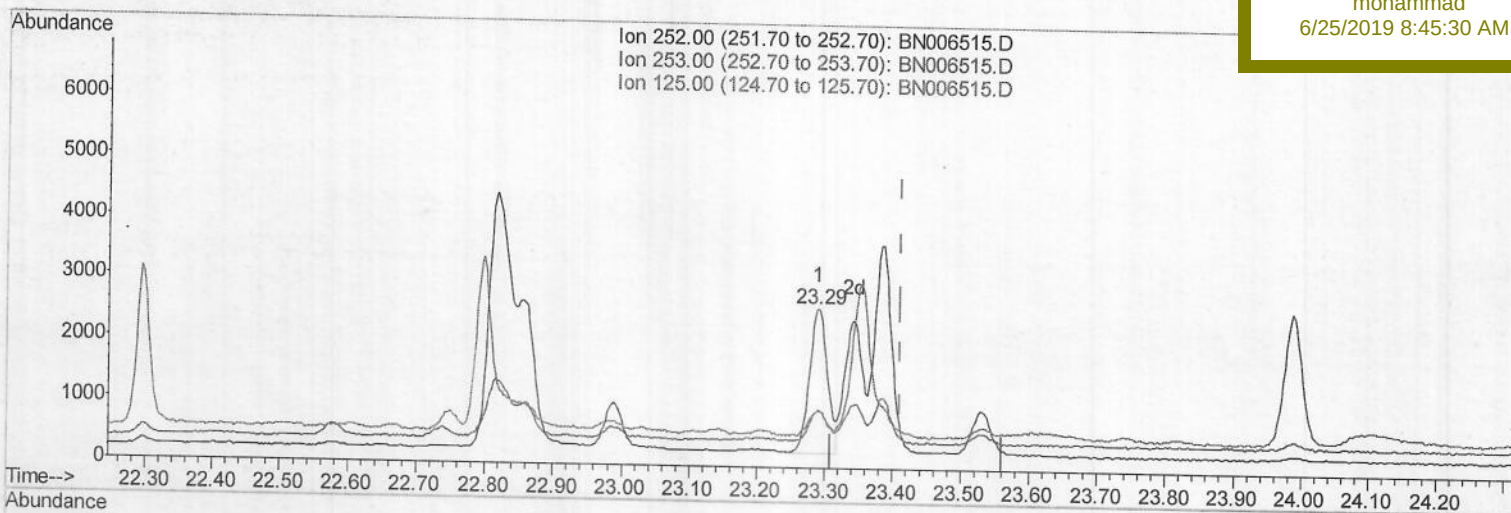
A41Y4

Manual Integrations

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6/25/2019 8:45:30 AM



TIC: BN006515.D

(23) Benzo(a)pyrene (C)

23.289min (-0.121) 0.11ng/ul

response 4299

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	36.04#
125.00	25.40	35.89#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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 :

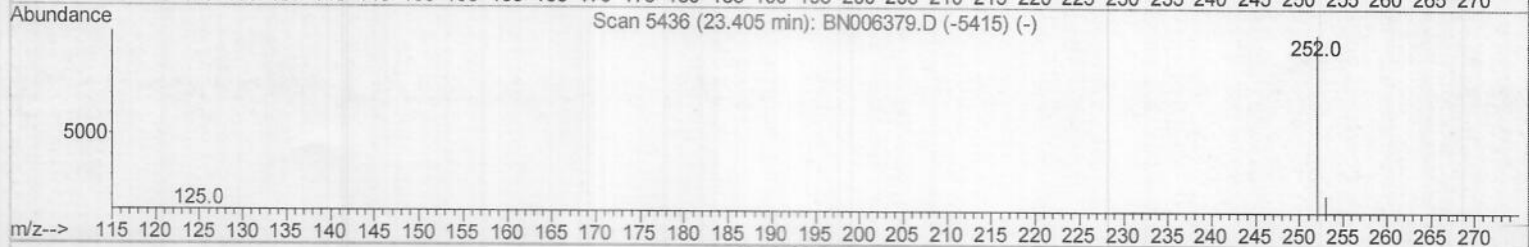
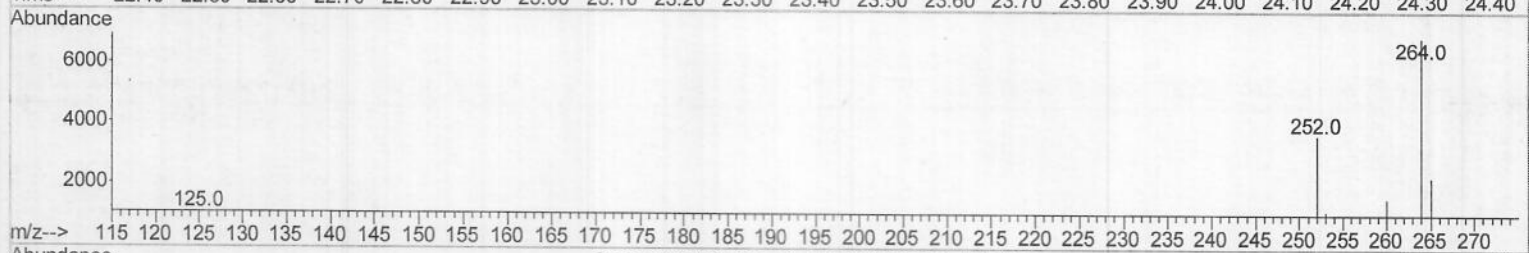
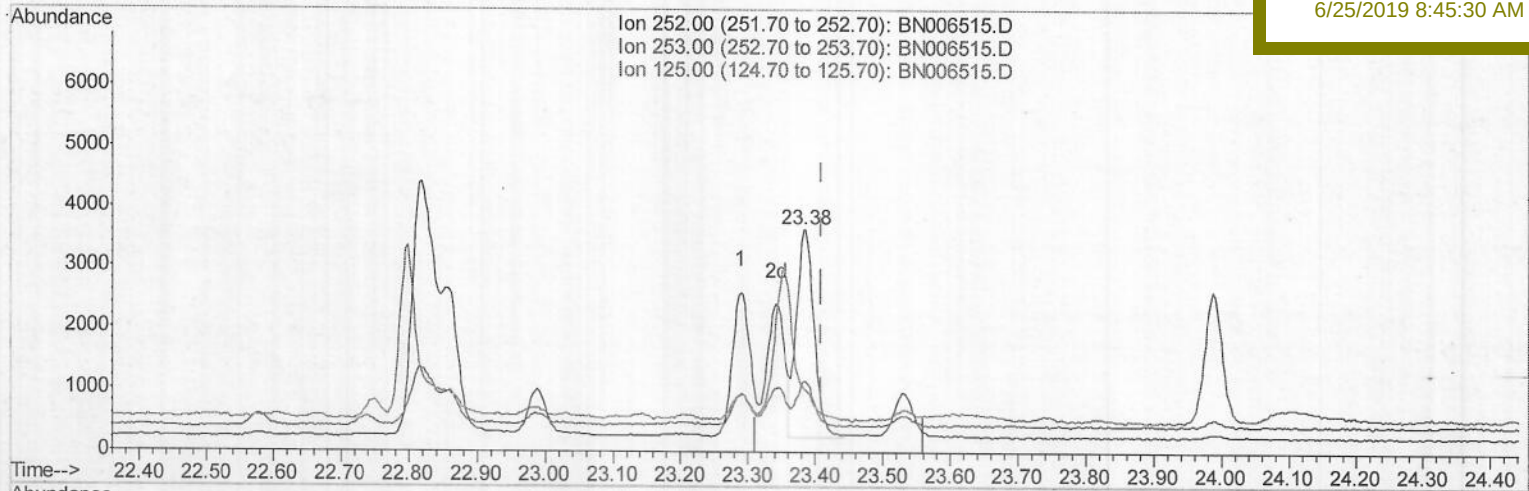
A41Y4

Manual Integrations

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6/25/2019 8:45:30 AM



TIC: BN006515.D

(23) Benzo(a)pyrene (C)

23.383min (-0.028) 0.16ng/ul m) JU06126119

response 6147

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	31.53
125.00	25.40	28.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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 :

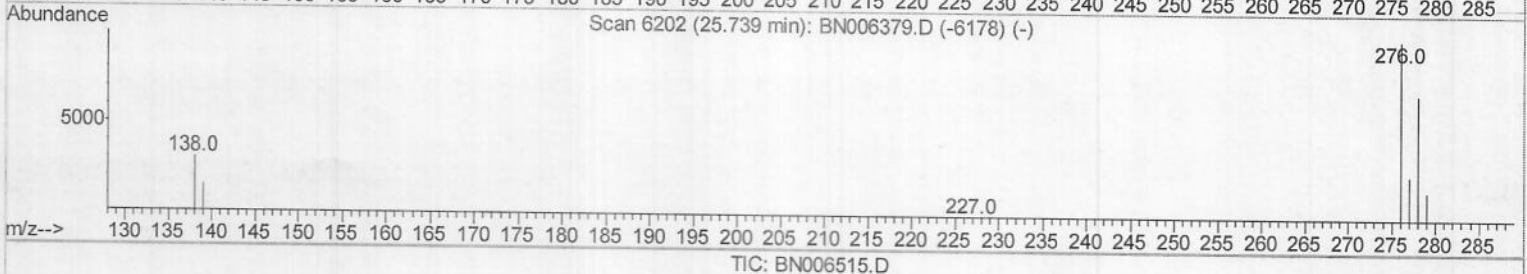
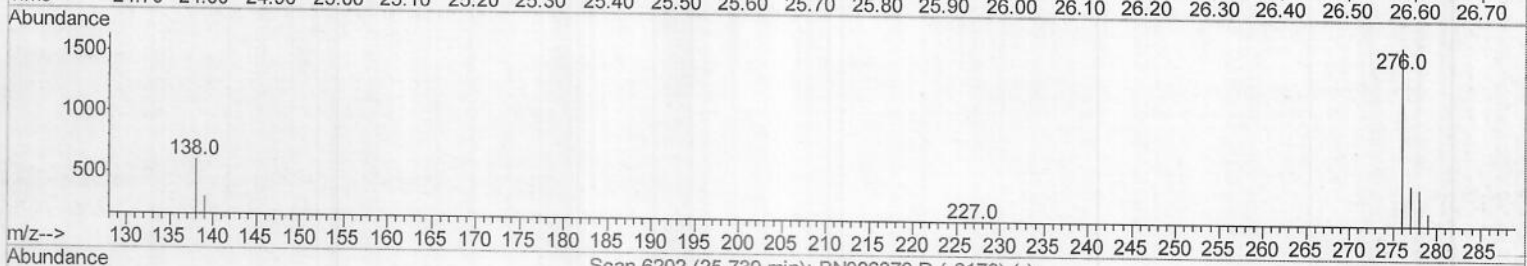
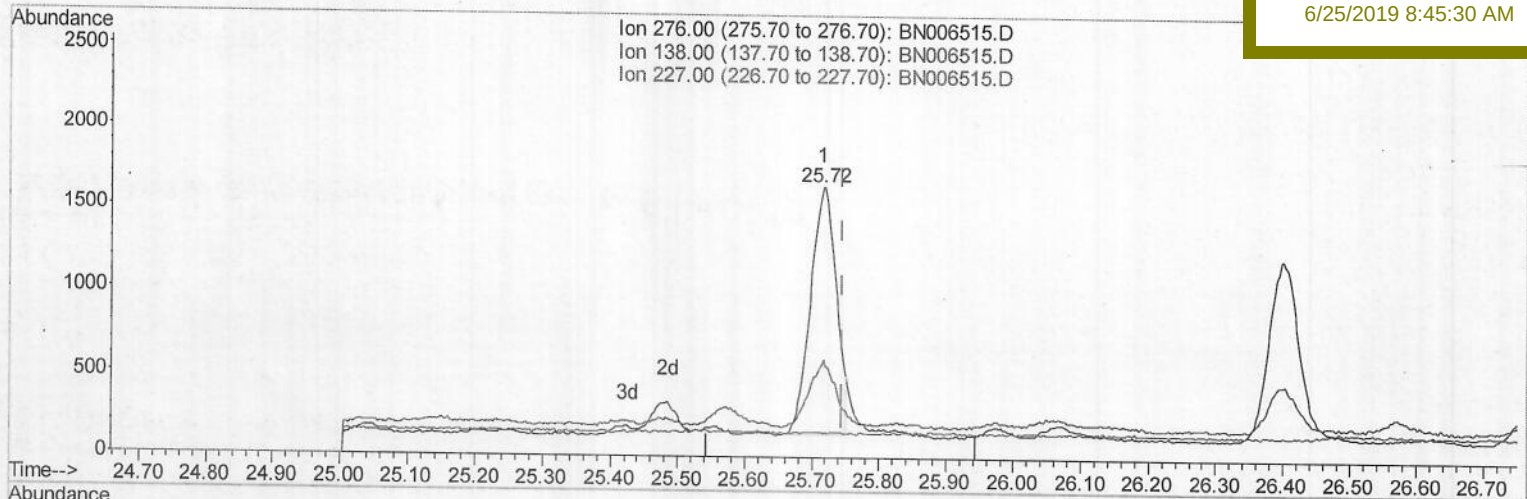
A41Y4

Manual Integrations

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6/25/2019 8:45:30 AM



TIC: BN006515.D

(24) Indeno(1,2,3-cd)pyrene

25.717min (-0.028) 0.10ng/ul

response 3986

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	27.12
227.00	0.40	0.33
0.00	0.00	0.00

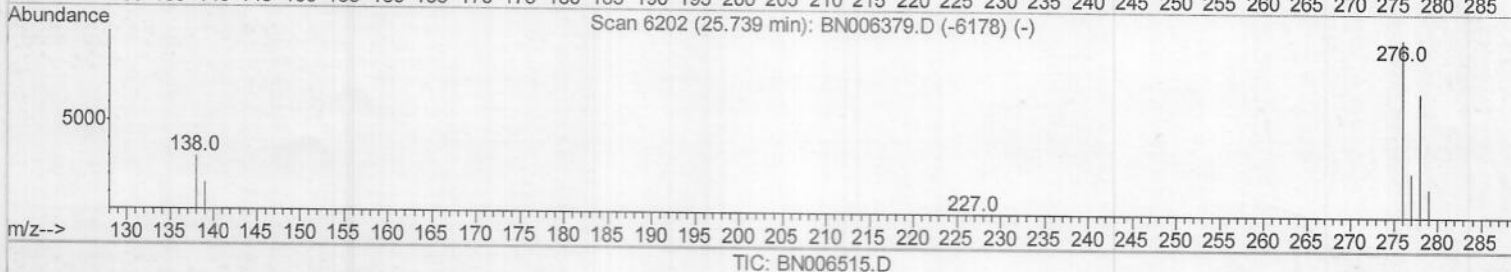
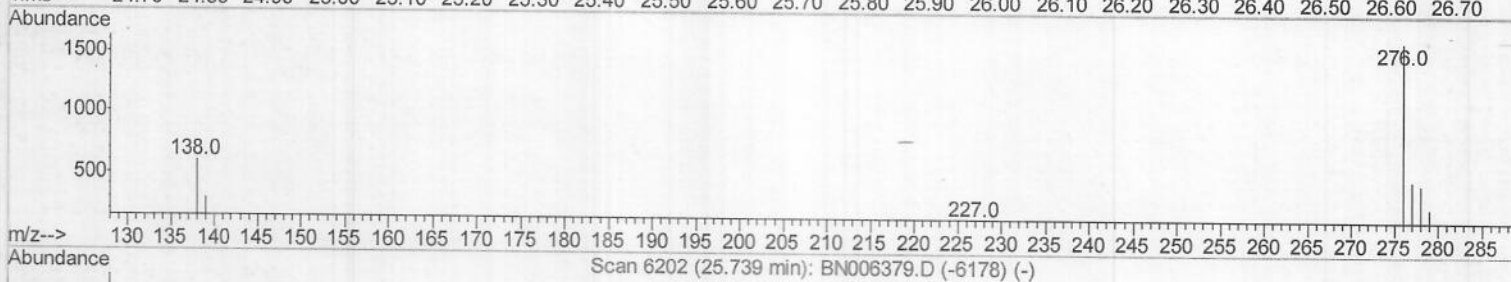
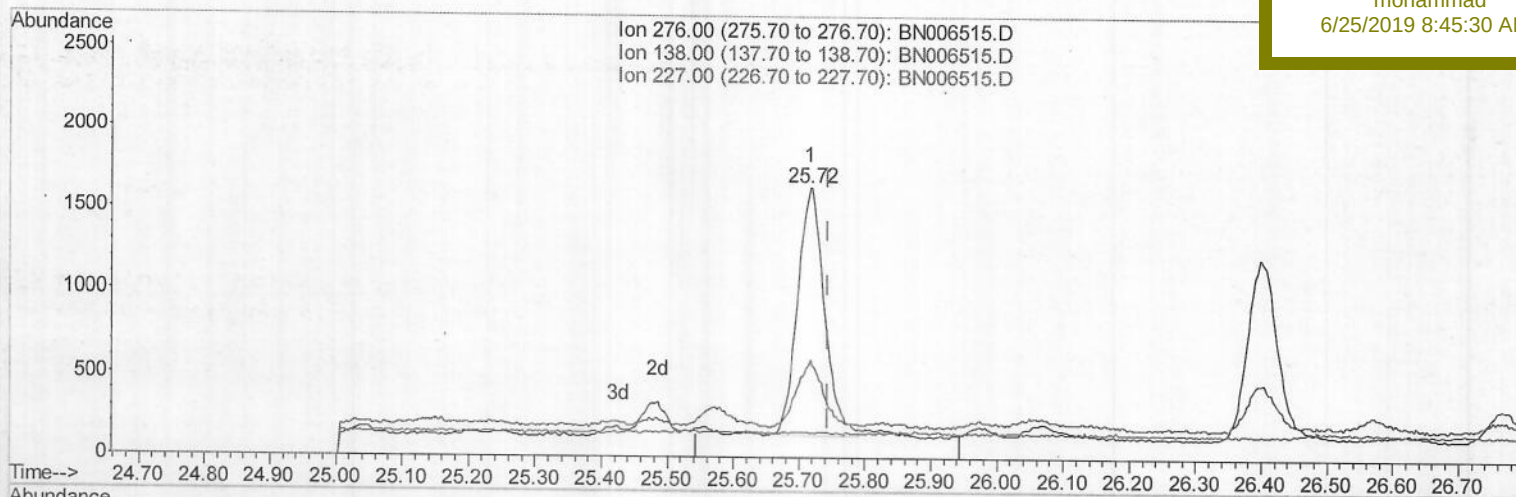
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\
Data File : BN006515.D
Acq On : 23 Jun 2019 07:53
Operator : HP/JU
Sample : K3360-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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
ClientSampled :
A41Y4

Manual Integrations
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6/25/2019 8:45:30 AM



(24) Indeno(1,2,3-cd)pyrene

25.717min (-0.028) 0.10ng/ul m

response 4272

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	25.30#
227.00	0.40	0.30#
0.00	0.00	0.00

JU06/26/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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 :

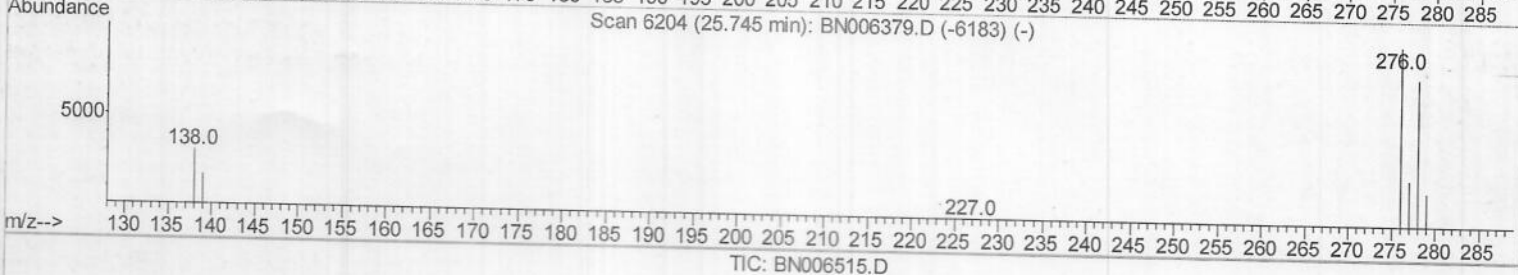
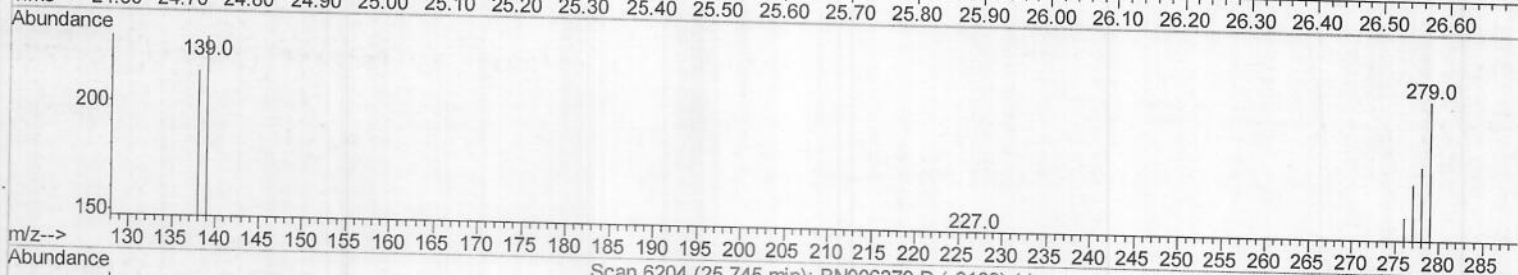
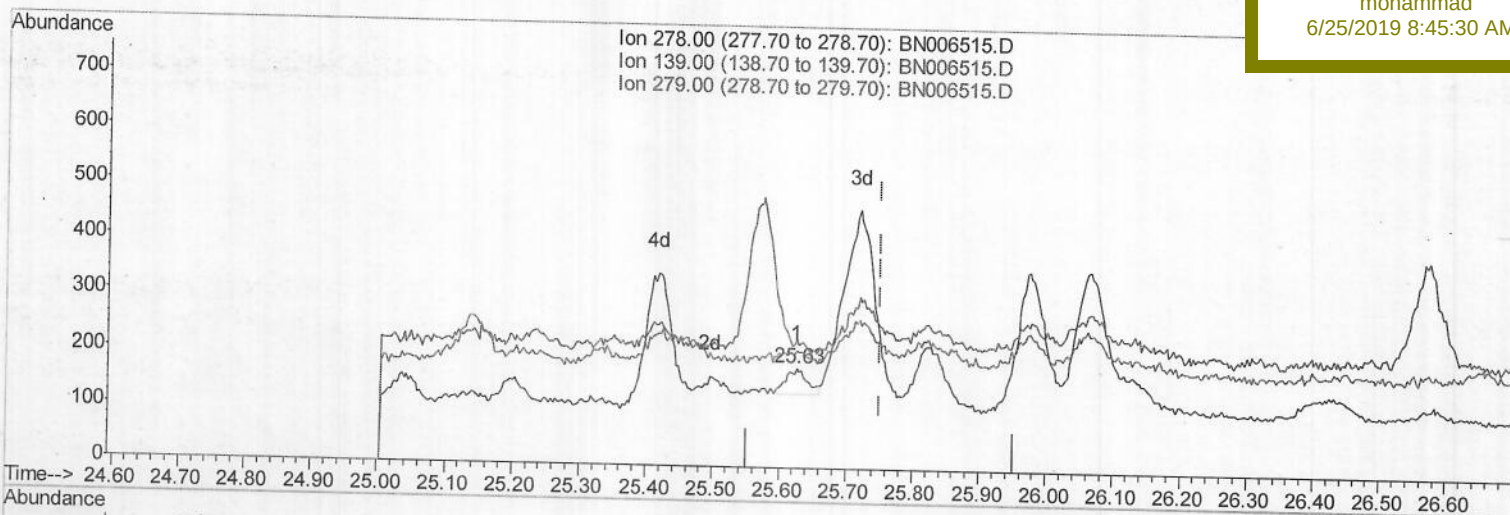
A41Y4

Manual Integrations

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6/25/2019 8:45:30 AM



(25) Dibenzo(a,h)anthracene

25.626min (-0.126) 0.00ng/ul

response 102

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	127.07#
279.00	28.20	116.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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 :

A41Y4

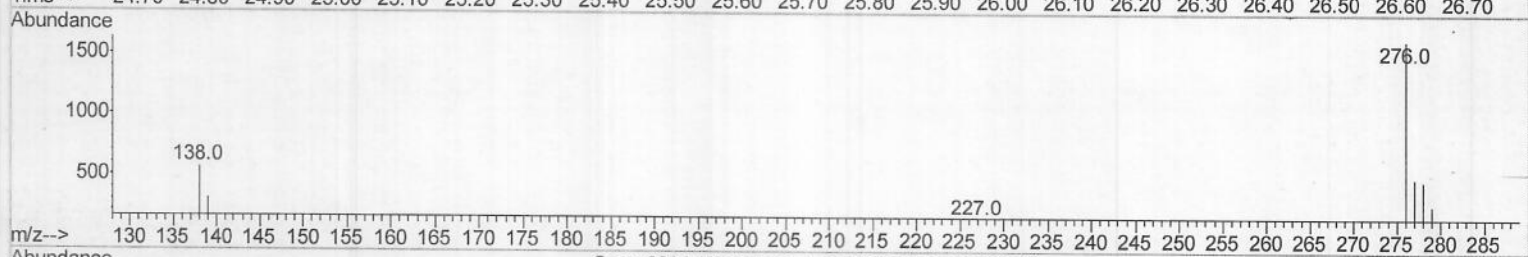
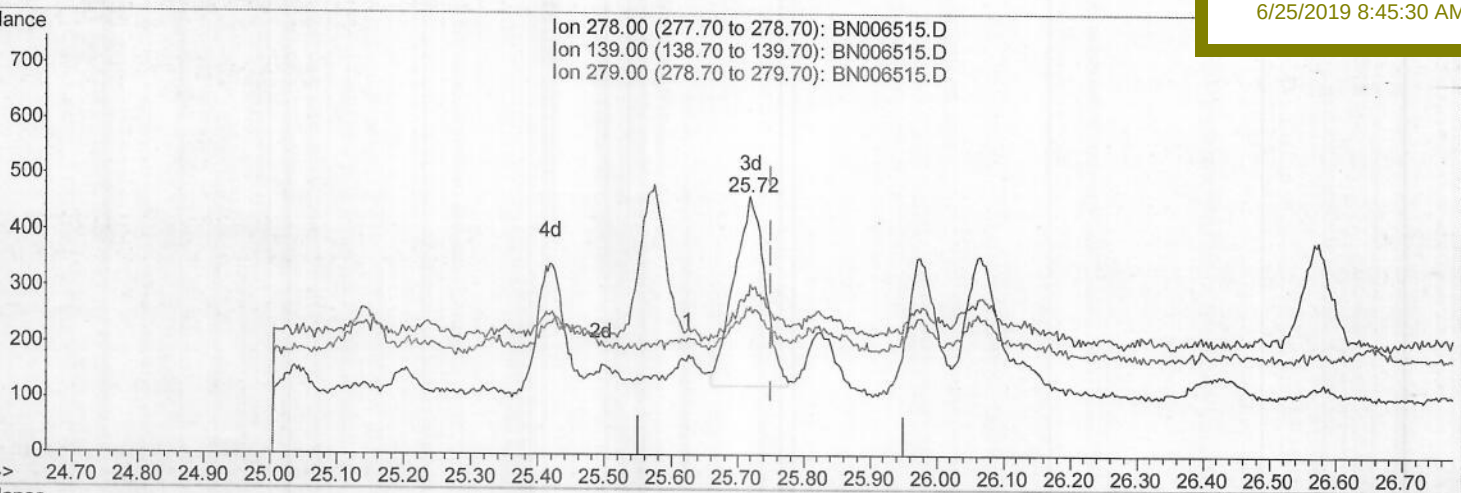
Manual Integrations

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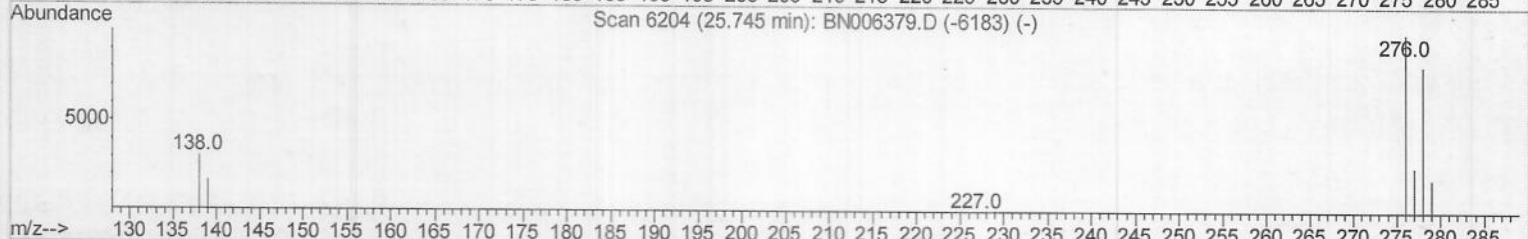
mohammad

6/25/2019 8:45:30 AM

Ion 278.00 (277.70 to 278.70): BN006515.D
Ion 139.00 (138.70 to 139.70): BN006515.D
Ion 279.00 (278.70 to 279.70): BN006515.D



Scan 6204 (25.745 min): BN006379.D (-6183) (-)



TIC: BN006515.D

(25) Dibenzo(a,h)anthracene

25.720min (-0.032) 0.03ng/ul m

JU06/26119

response 1107

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	66.31#
279.00	28.20	58.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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 :

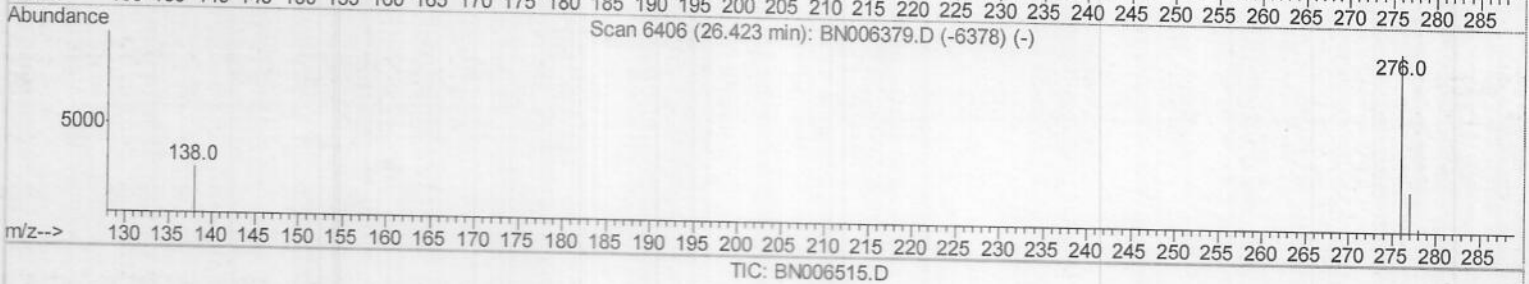
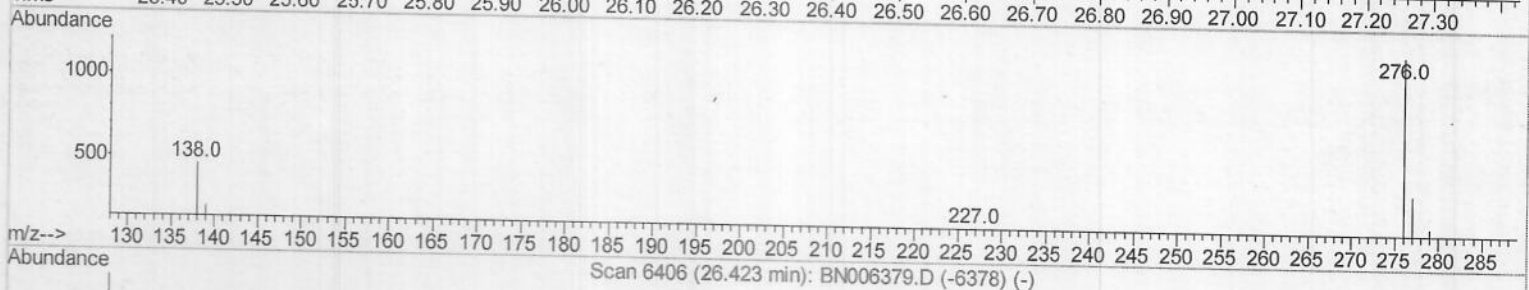
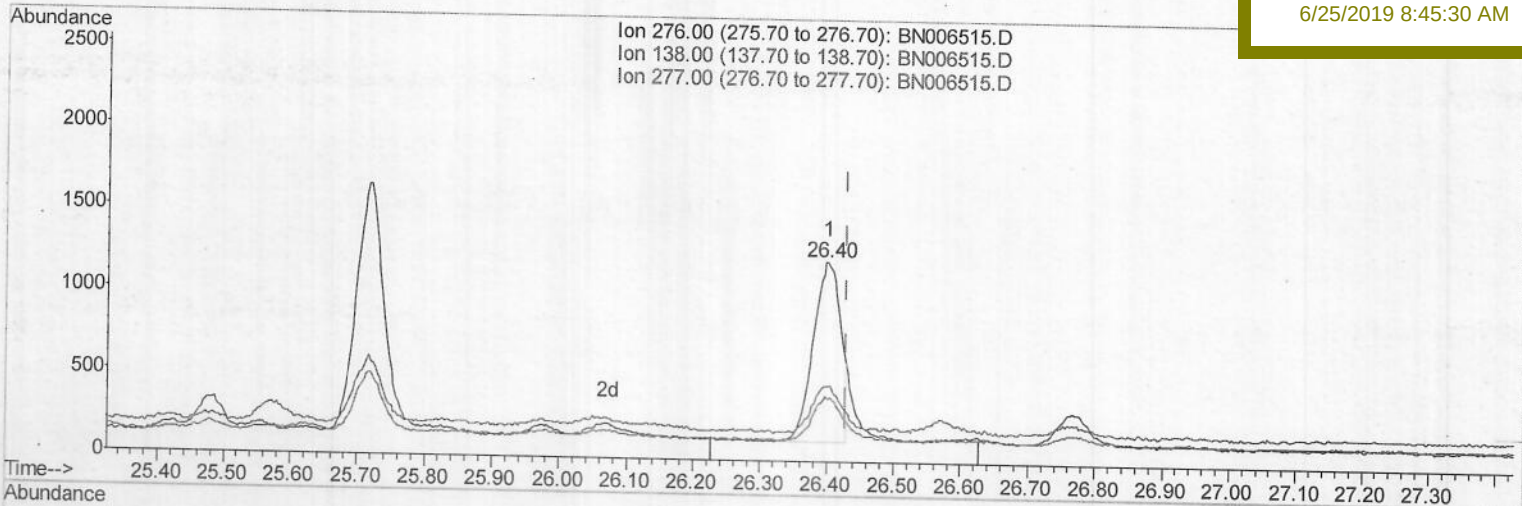
A41Y4

Manual Integrations

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6/25/2019 8:45:30 AM



(26) Benzo(g,h,i)perylene

26.401min (-0.028) 0.09ng/ul

response 3087

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	37.71#
277.00	26.90	31.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:01:46 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 :

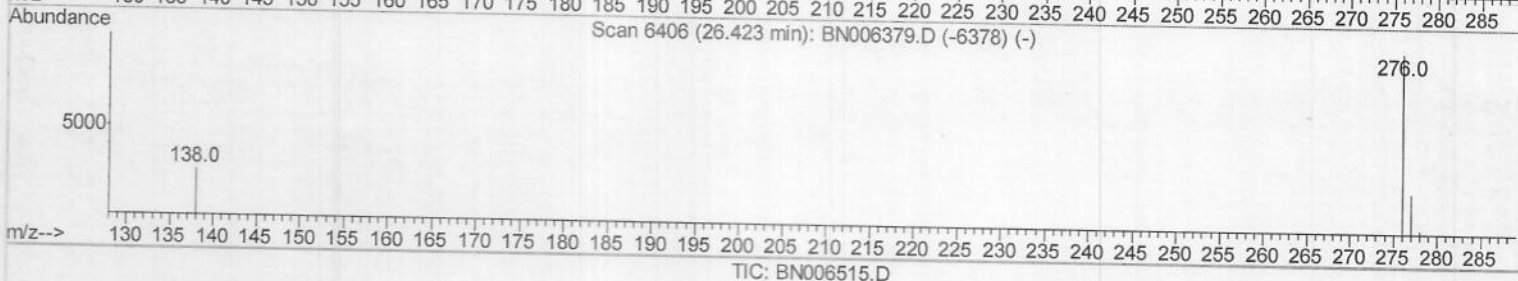
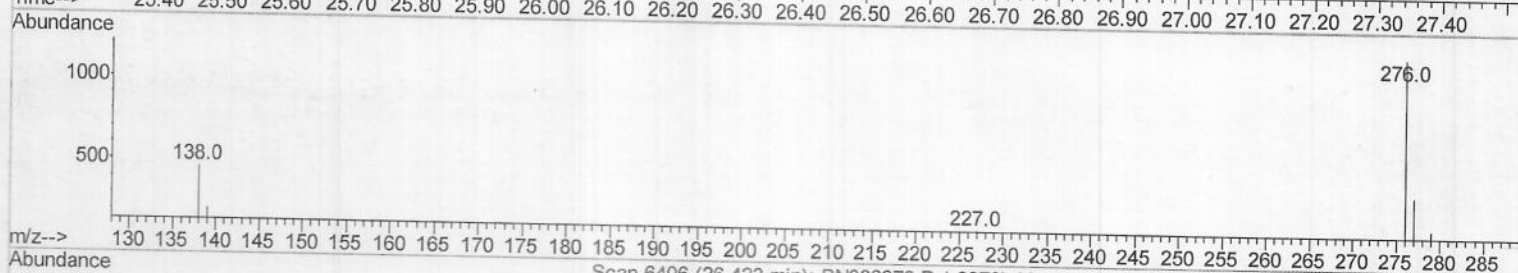
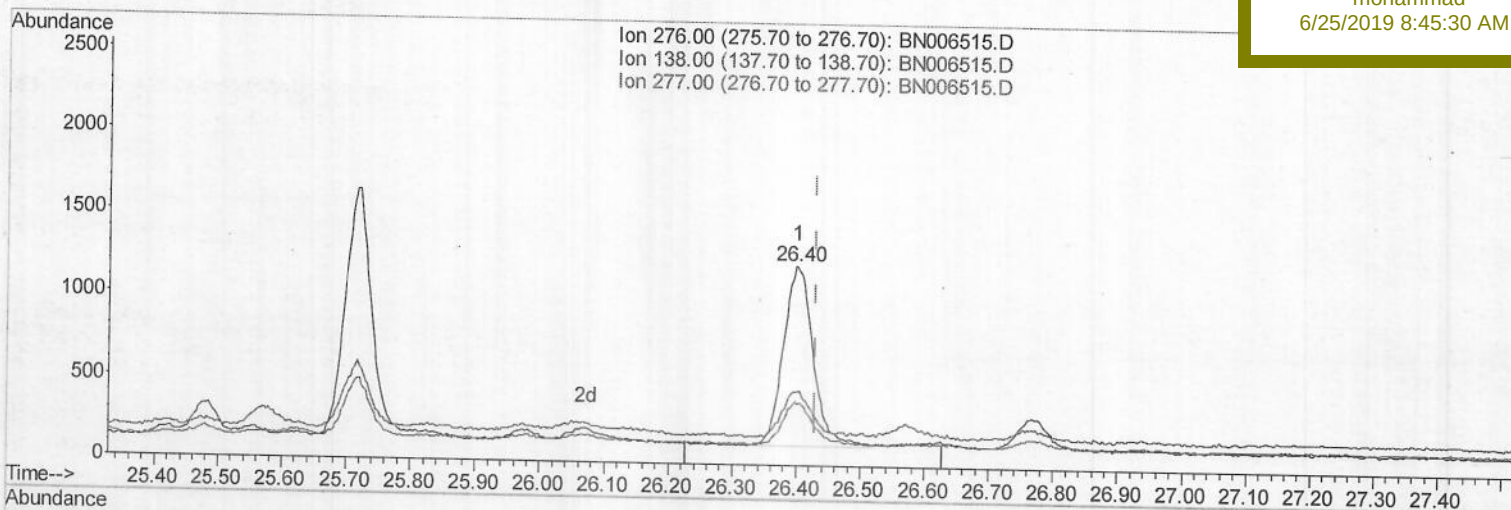
A41Y4

Manual Integrations

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6/25/2019 8:45:30 AM



TIC: BN006515.D

(26) Benzo(g,h,i)perylene

26.401min (-0.028) 0.10ng/ul m

response 3572

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	37.71#
277.00	26.90	31.44
0.00	0.00	0.00

JU006126119

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006515.D

Acq On : 23 Jun 2019 07:53

Operator : HP/JU

Sample : K3360-03

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 24 09:04:07 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 :

A41Y4

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5092	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	19613	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10662	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	20696m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	12049m	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	9820m	0.40	ng/ul	-0.03

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	8969	0.30	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	18879m	0.34	ng/ul	-0.01

Target Compounds

					Ovalue	
12) Phenanthrene	17.08	178	5420	0.082	ng/ul	95
13) Anthracene	17.17	178	1438m	0.023	ng/ul	
15) Fluoranthene	19.11	202	18258m	0.249	ng/ul	
17) Pyrene	19.47	202	18797	0.296	ng/ul	96
18) Benzo(a)anthracene	21.24	228	7216	0.135	ng/ul	97
19) Chrysene	21.29	228	7887	0.158	ng/ul	95
21) Benzo(b)fluoranthene	22.82	252	9282m	0.227	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	3856m	0.097	ng/ul	
23) Benzo(a)pyrene	23.38	252	6147m	0.161	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	4272m	0.103	ng/ul	
25) Dibenzo(a,h)anthracene	25.72	278	1107m	0.034	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	3572m	0.103	ng/ul	

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

JU06/26/19