

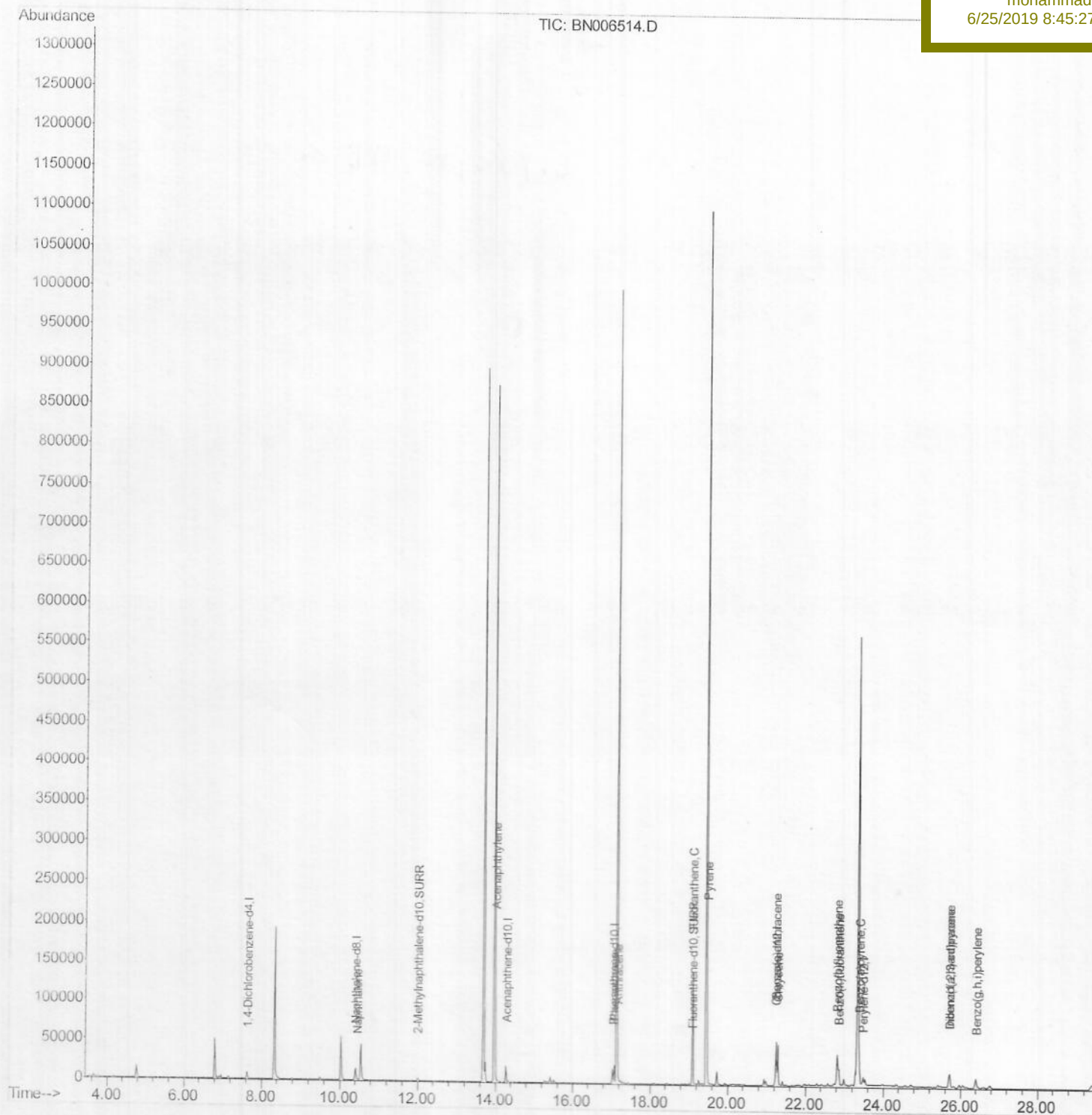
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\
Data File : BN006514.D
Acq On : 23 Jun 2019 07:19
Operator : HP/JU
Sample : K3360-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:09:17 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 Sample Id :
A41Z2

Manual Integrations
APPROVED

mohammad
6/25/2019 8:45:27 AM



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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:04:33 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 : Mon Jun 17 11:13:07 2019

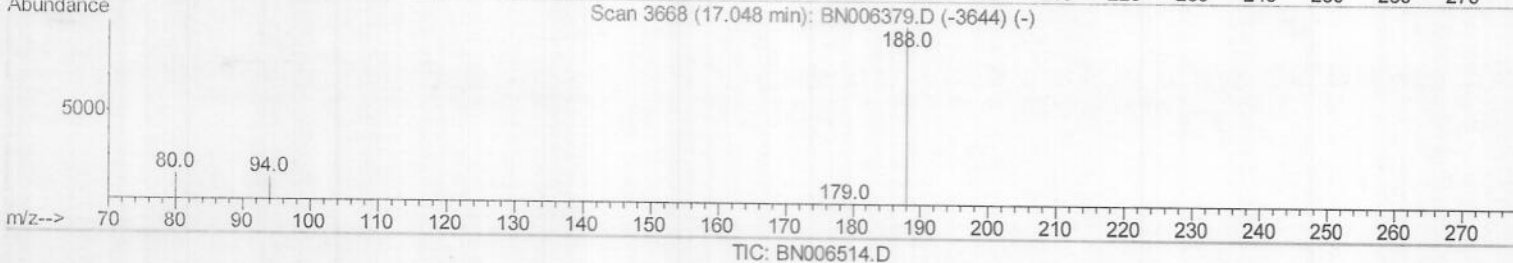
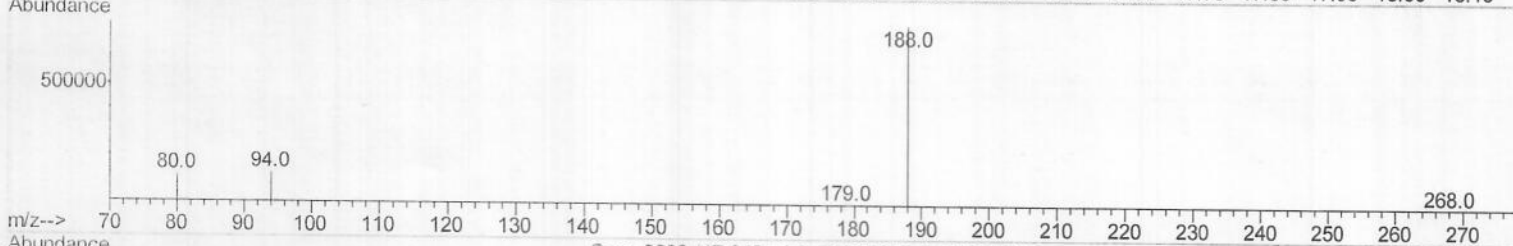
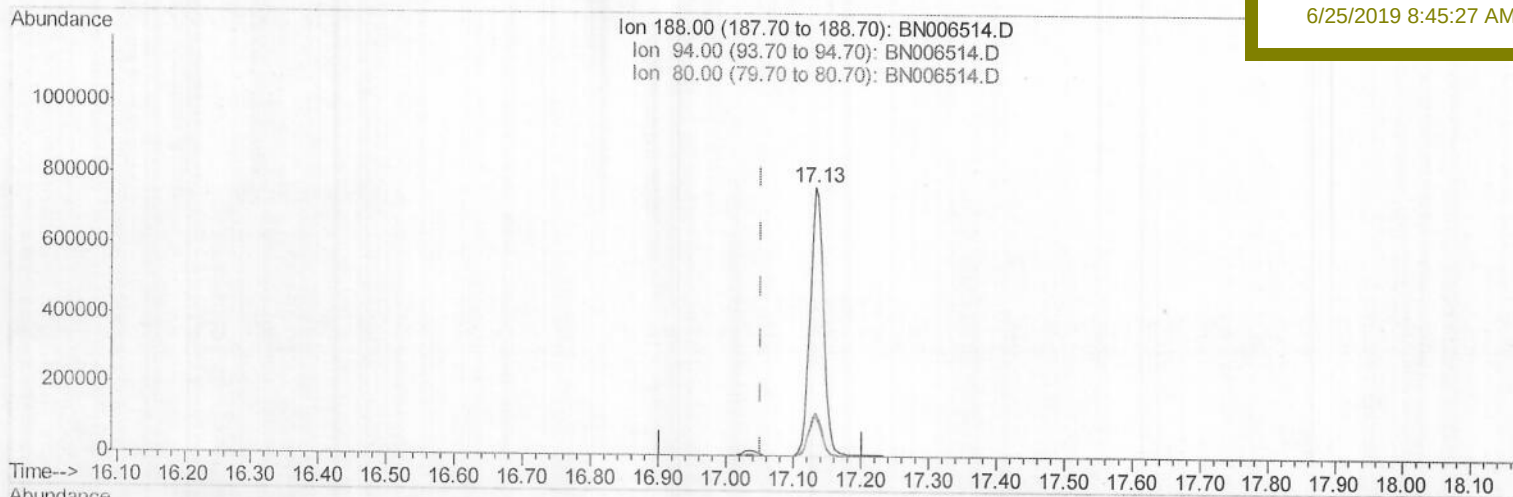
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(10) Phenanthrene-d10 (I)

17.133min (+0.080) 0.40ng/ul

response 1074909

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	16.10#
80.00	13.60	14.72
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:04:33 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 : Mon Jun 17 11:13:07 2019

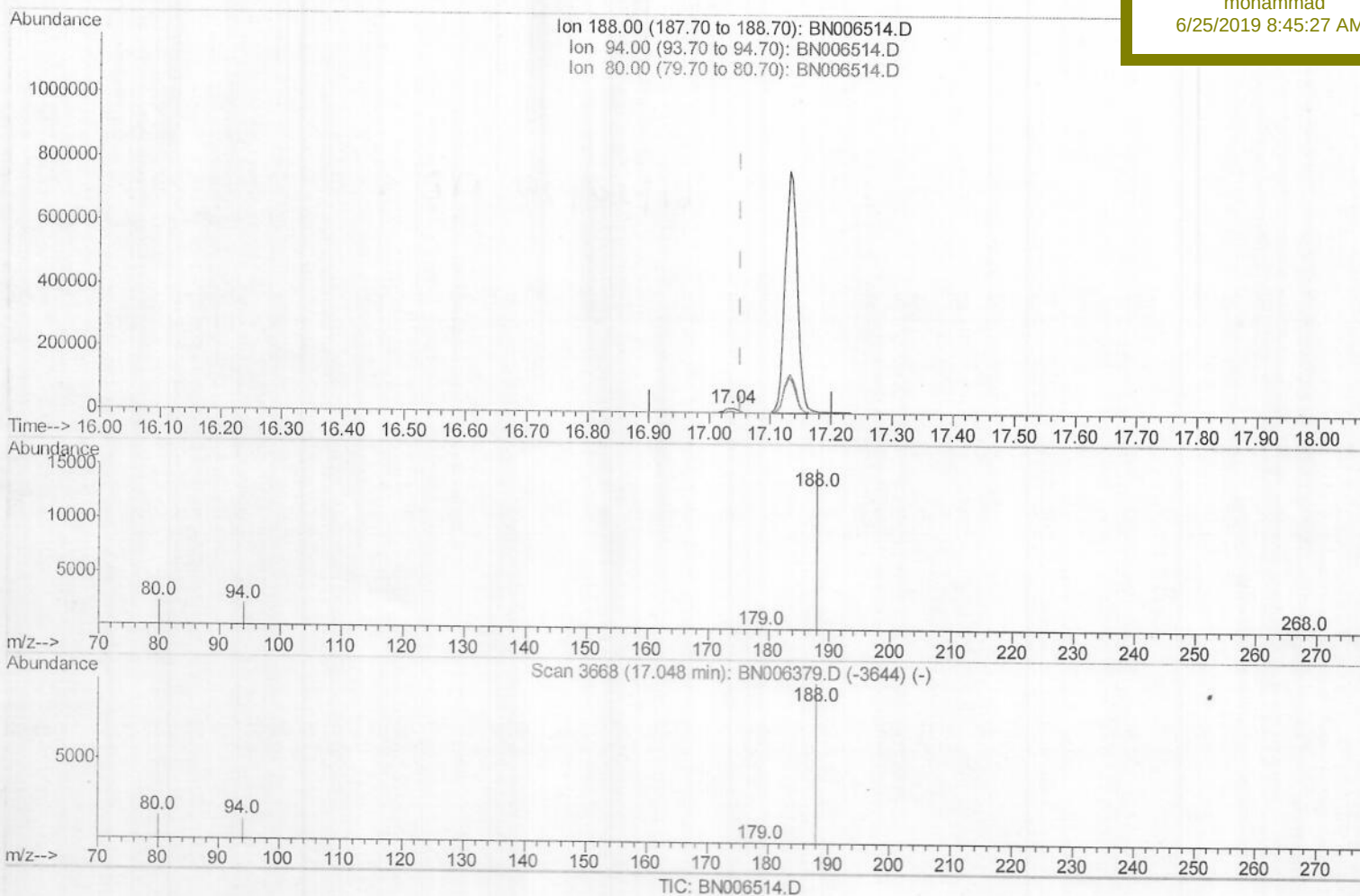
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(10) Phenanthrene-d10 (I)

17.035min (-0.017) 0.40ng/ul m

> JU 06/26/19

response 21638

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.76
80.00	13.60	15.16
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:05:03 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

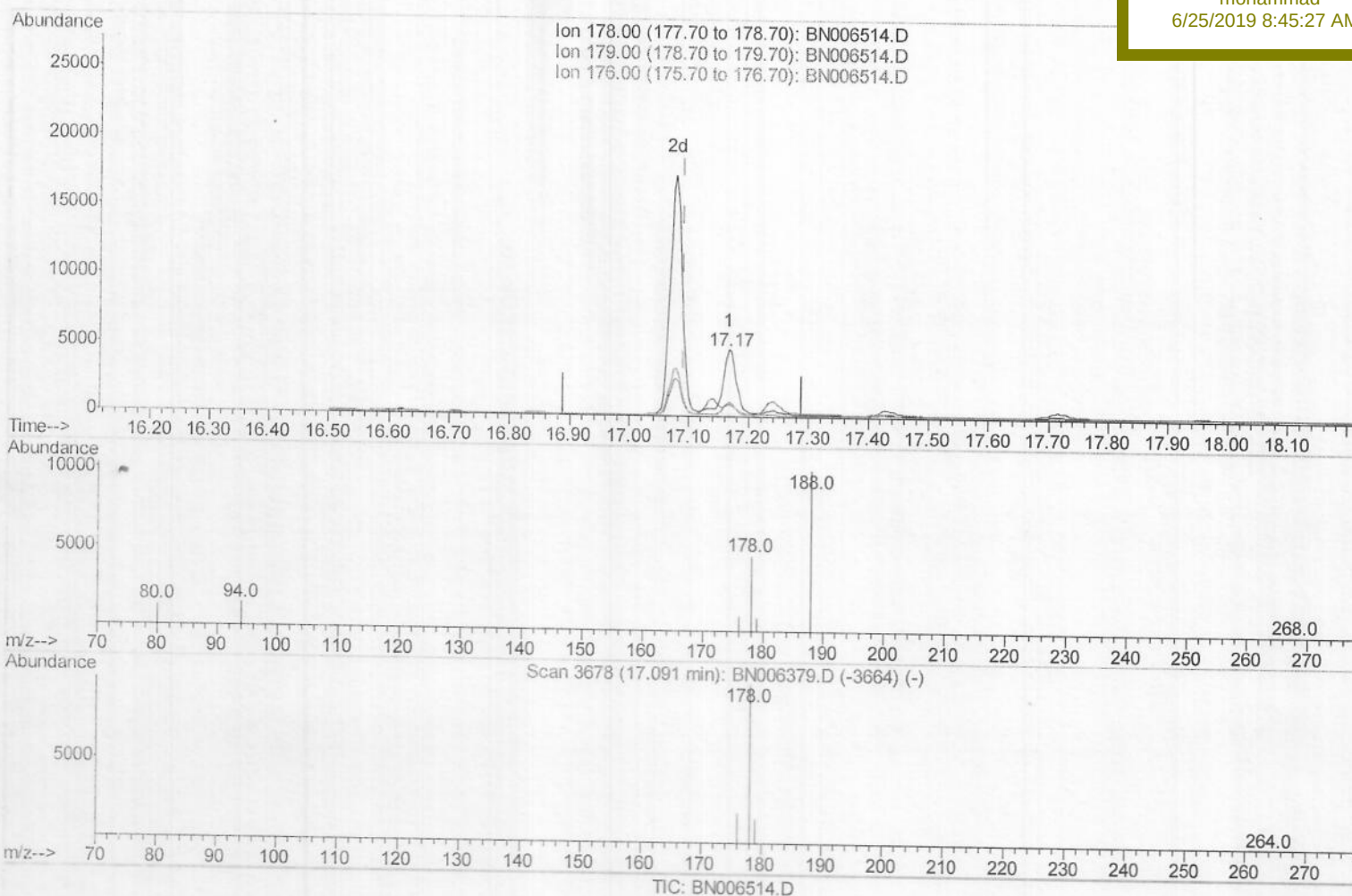
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(12) Phenanthrene

17.166min (+0.076) 0.11ng/ul

response 7731

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	18.06
176.00	19.10	20.87
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:05:03 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

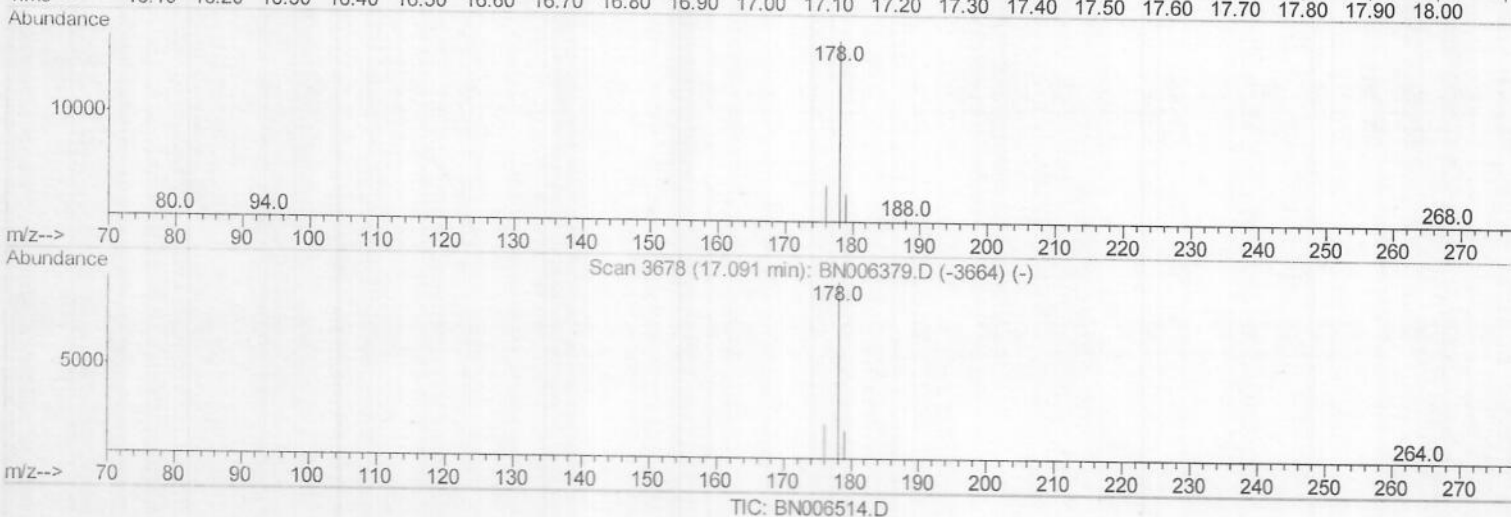
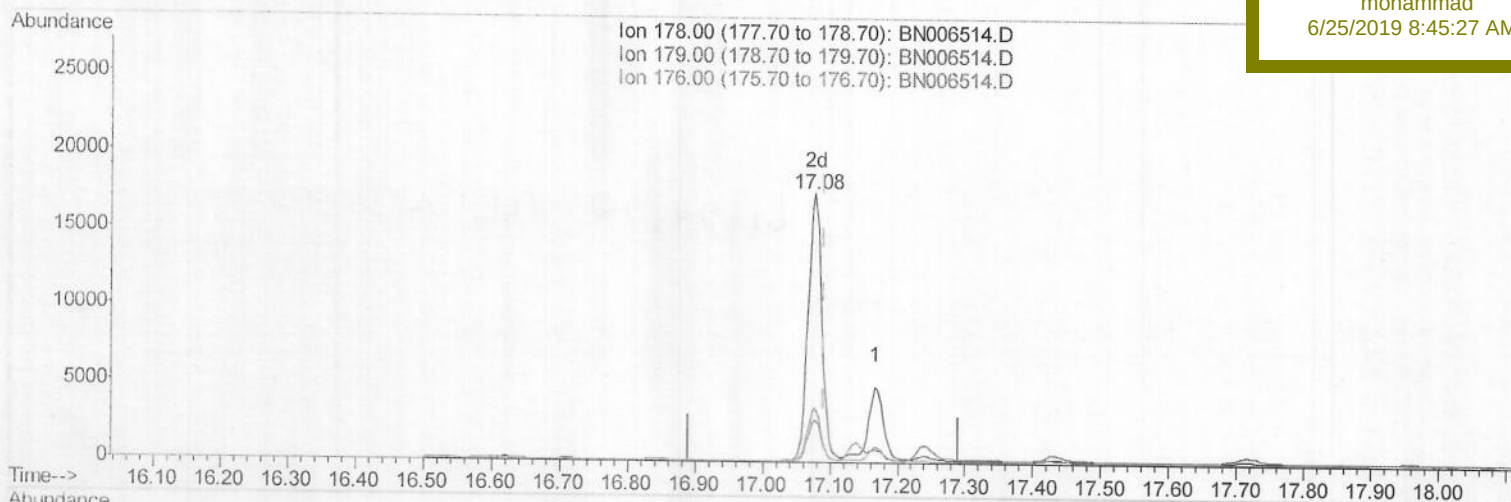
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(12) Phenanthrene

17.078min (-0.013) 0.35ng/ul m

> JU 06/26/19

response 24354

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.66
176.00	19.10	19.89
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:05:03 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

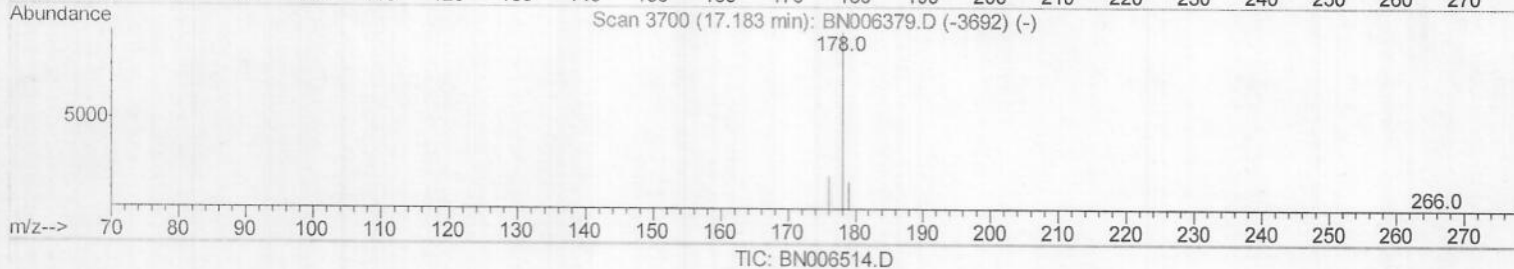
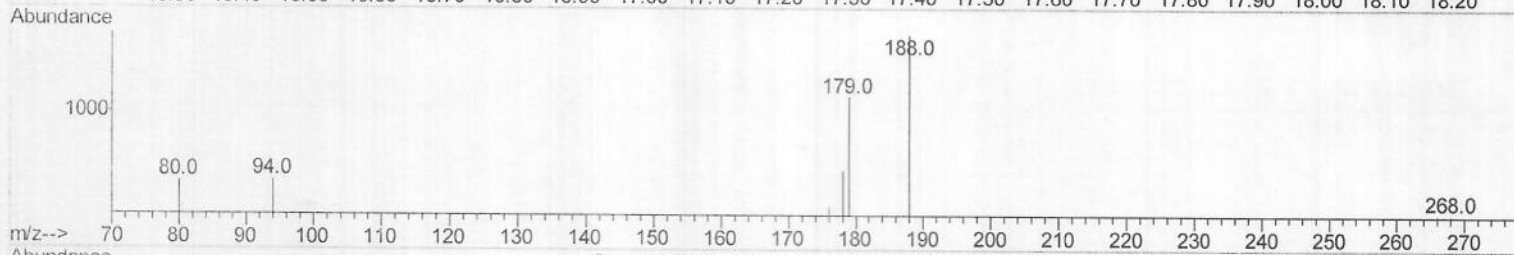
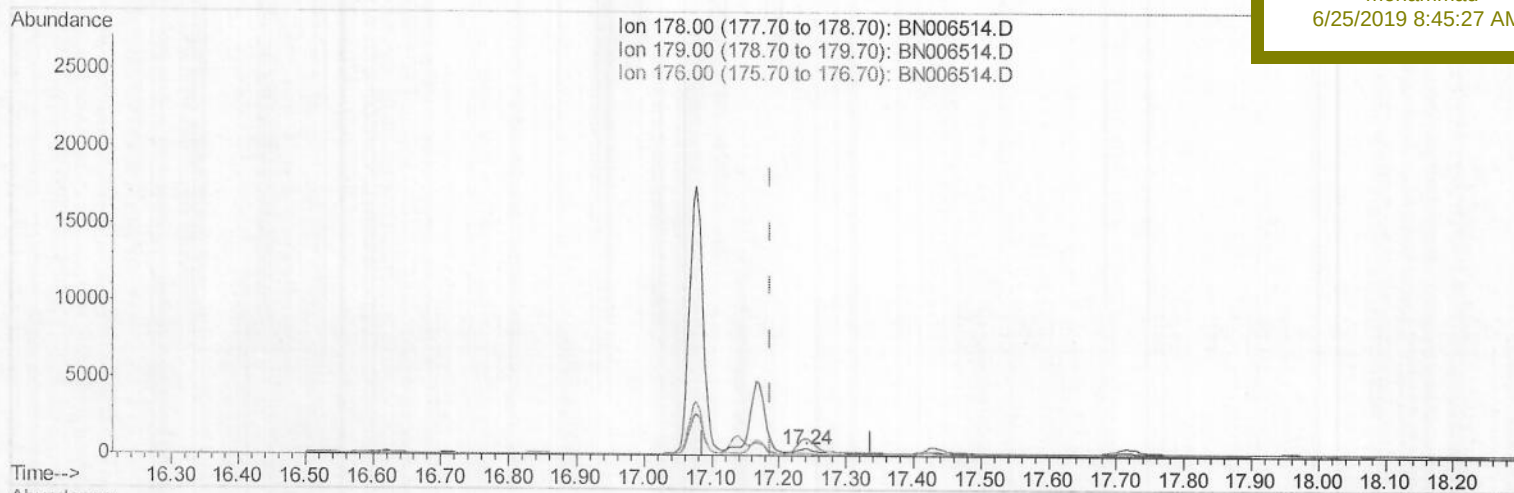
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(13) Anthracene

17.238min (+0.051) 0.01ng/ul

response 578

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	247.63#
176.00	18.90	27.80#
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:05:03 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

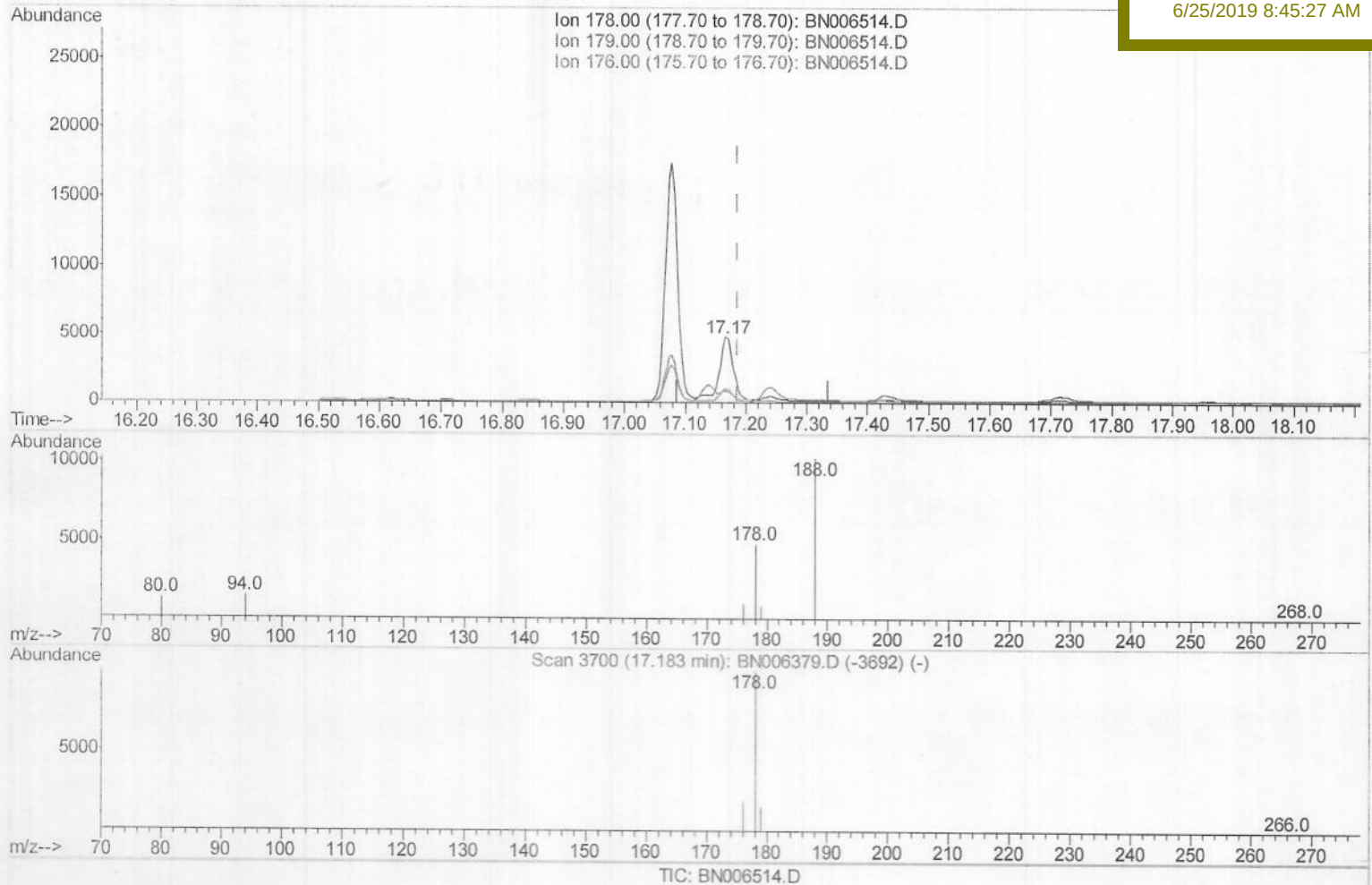
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(13) Anthracene

17.166min (-0.021) 0.10ng/ul m

> JU 06/26/19

response 6724

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	18.06
176.00	18.90	20.87
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:05:03 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

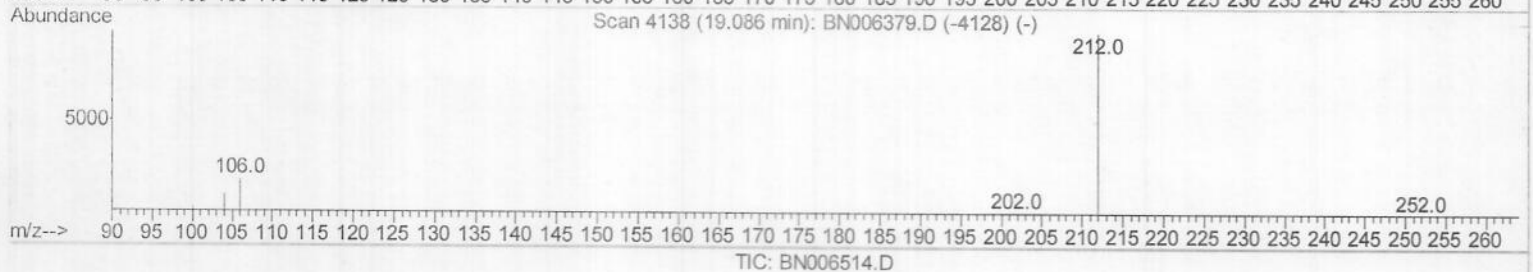
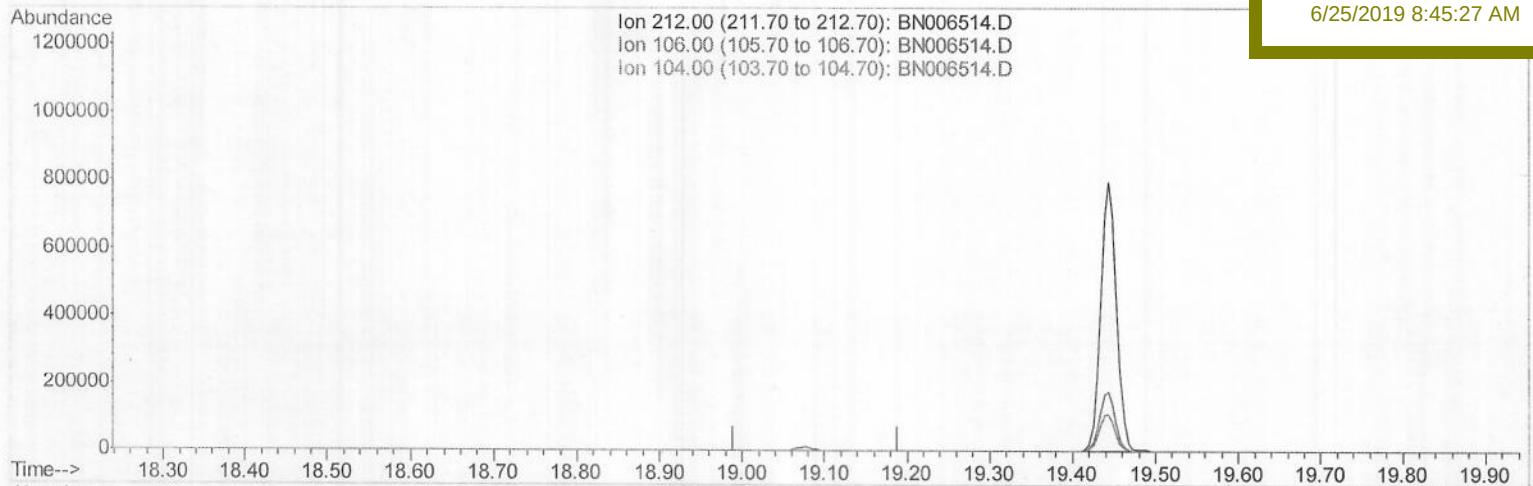
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 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

Quantitation Report (Qedit)

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:05:03 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 :

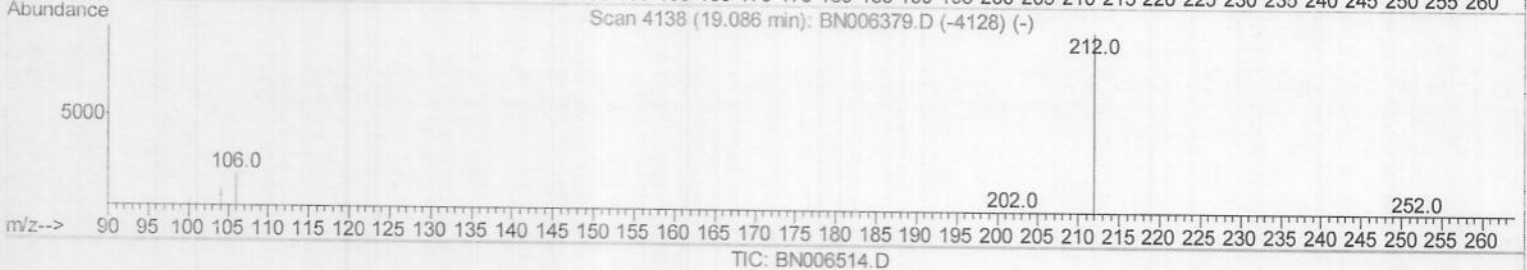
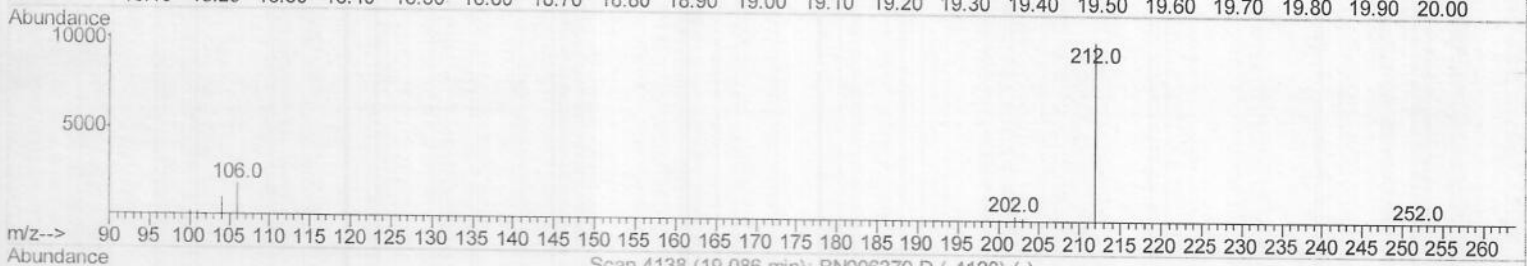
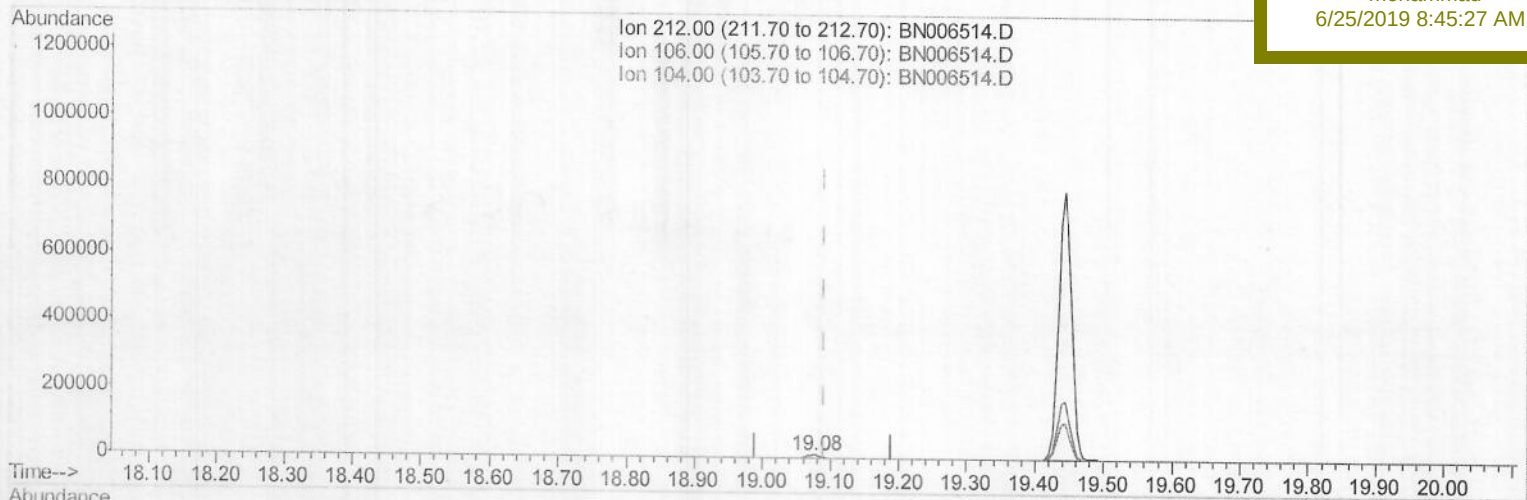
A41Z2

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:27 AM



(14) Fluoranthene-d10 (SURR)

19.076min (-0.014) 0.23ng/ul m

response 13272

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

> JU 06/26/19

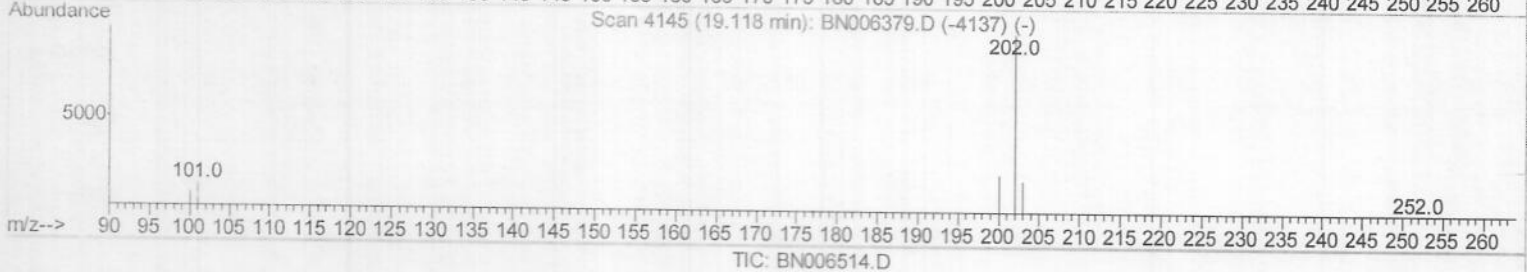
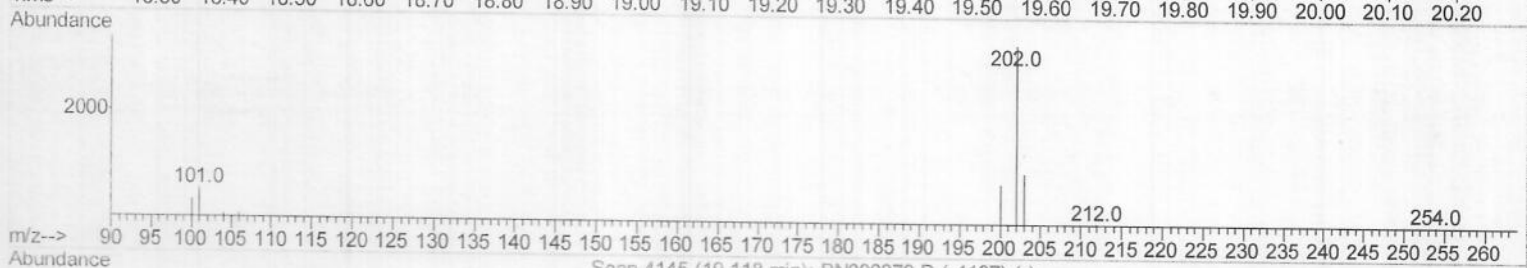
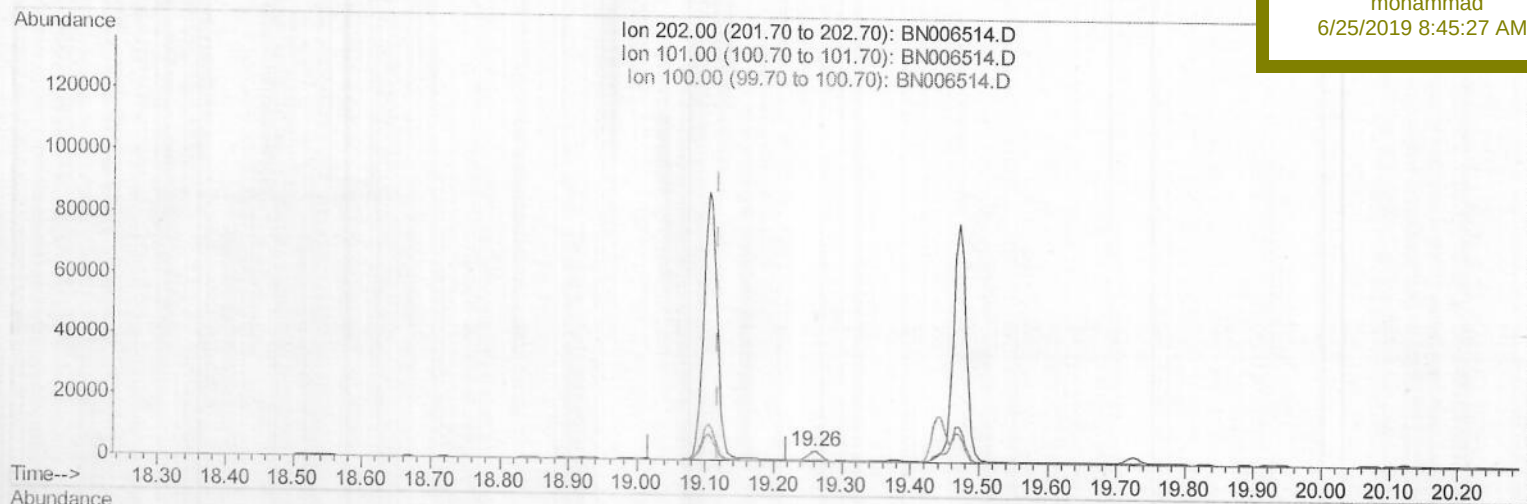
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\
Data File : BN006514.D
Acq On : 23 Jun 2019 07:19
Operator : HP/JU
Sample : K3360-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:05:03 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 :
A41Z2

Manual Integrations
APPROVED

mohammad
6/25/2019 8:45:27 AM



(15) Fluoranthene (C)

19.258min (+0.140) 0.05ng/ul

response 4092

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	17.59
100.00	8.70	11.85
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:05:03 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

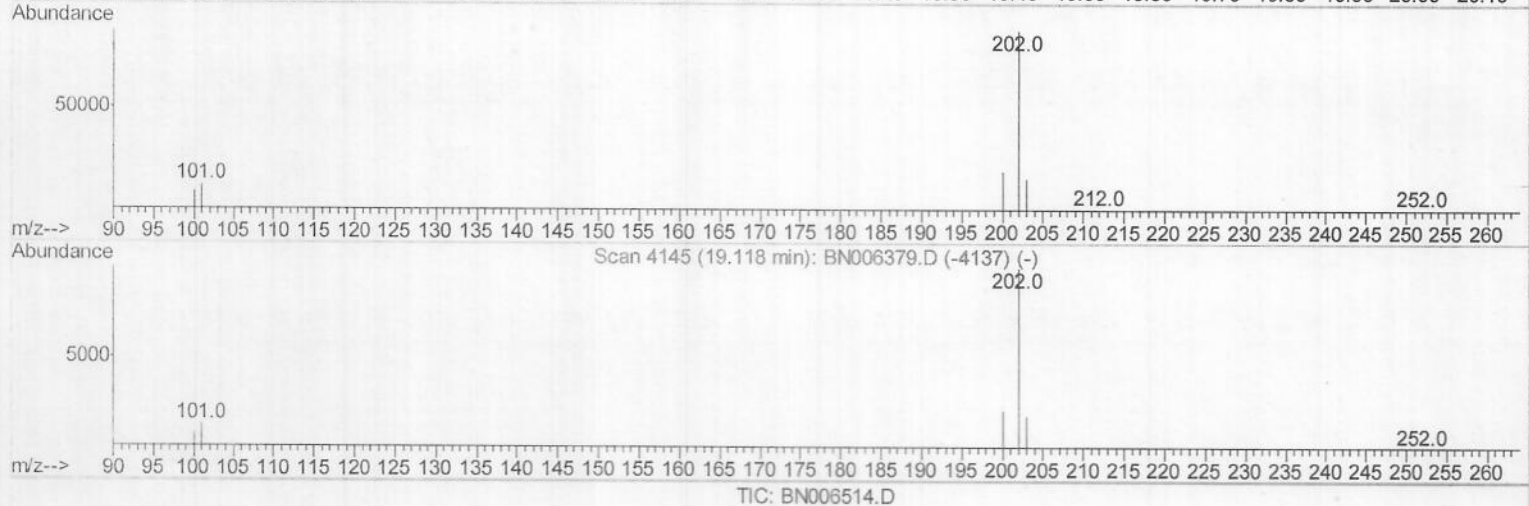
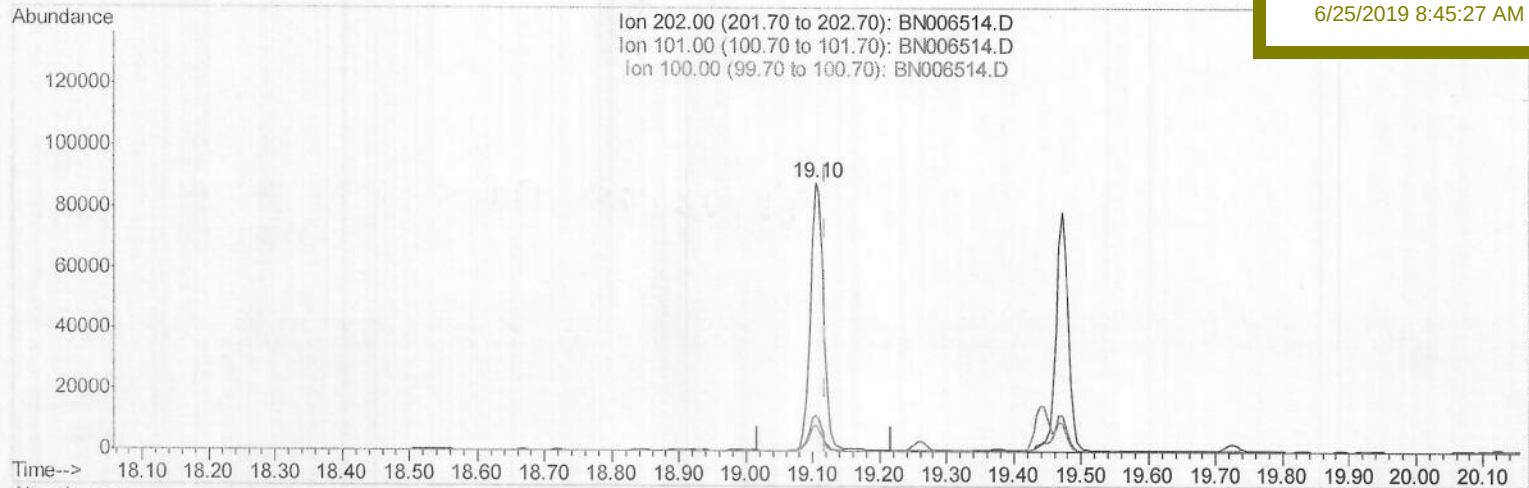
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(15) Fluoranthene (C)

19.104min (-0.014) 1.57ng/ul m

> JU 06/26/19

response 120207

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.23
100.00	8.70	9.69
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:05:03 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

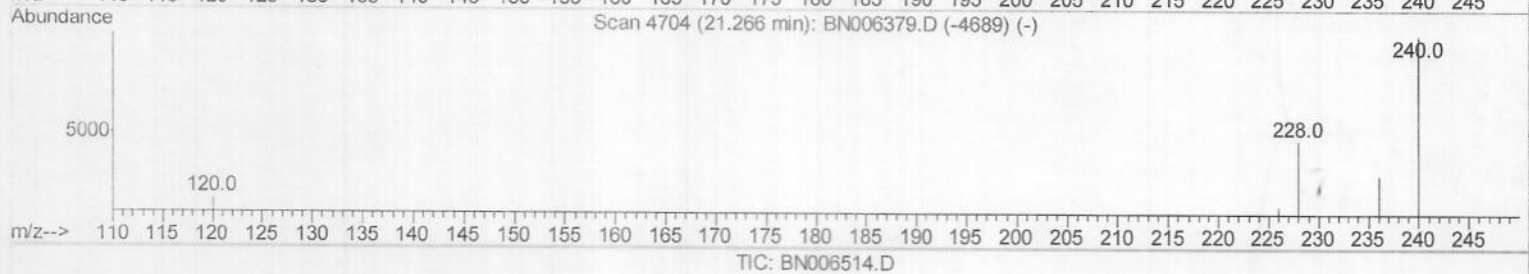
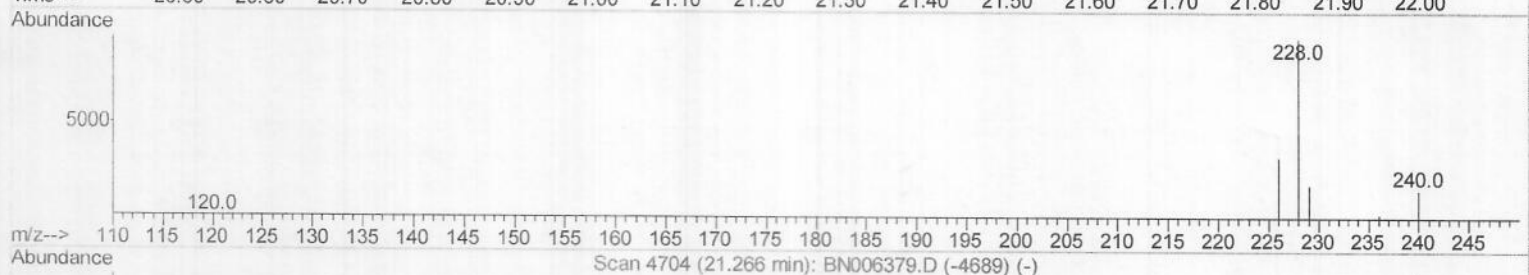
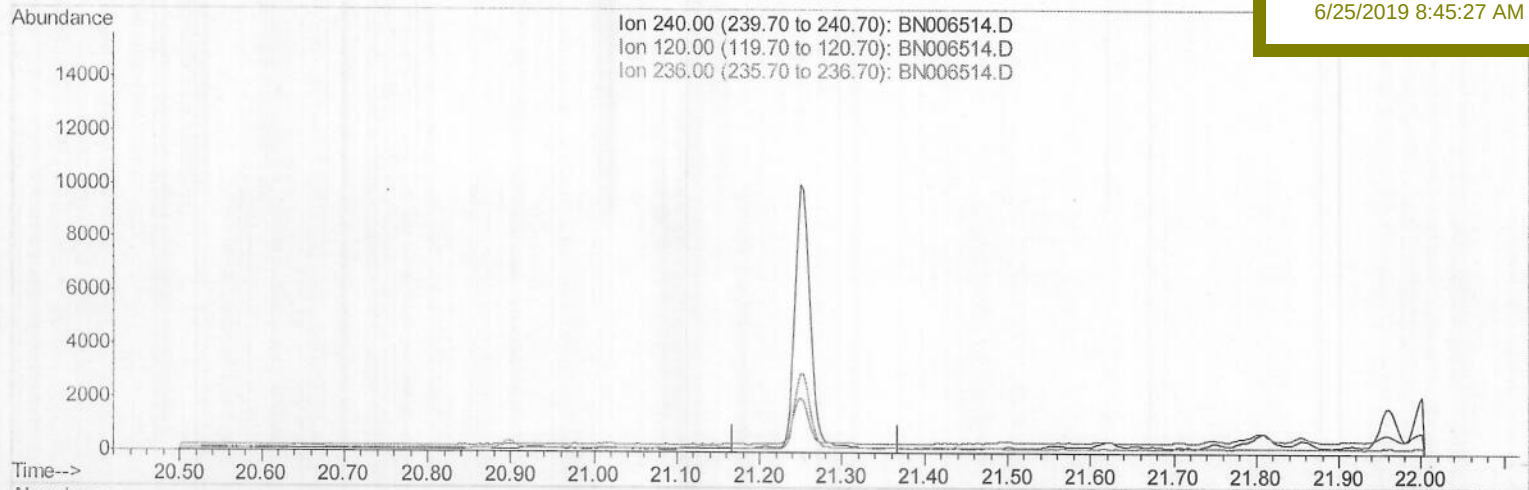
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 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 : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:05:03 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

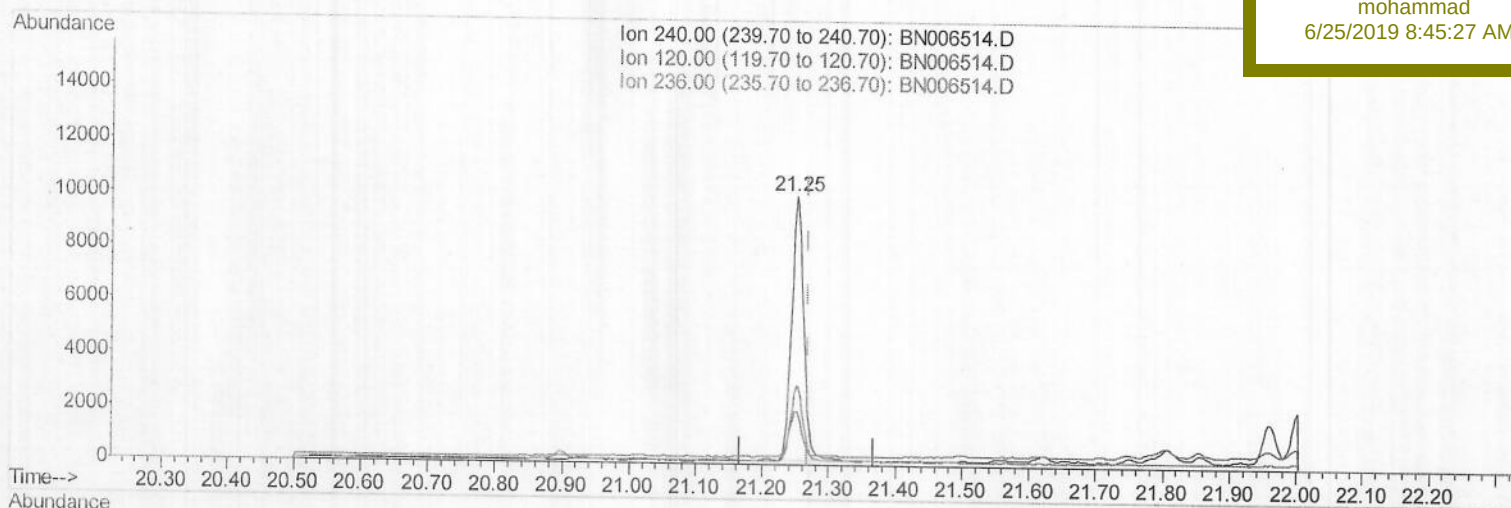
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(16) Chrysene-d12 (I)

21.251min (-0.017) 0.40ng/ul m

> JU 06/26/19

response 12676

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	20.14
236.00	30.10	29.63
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:06:40 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 :

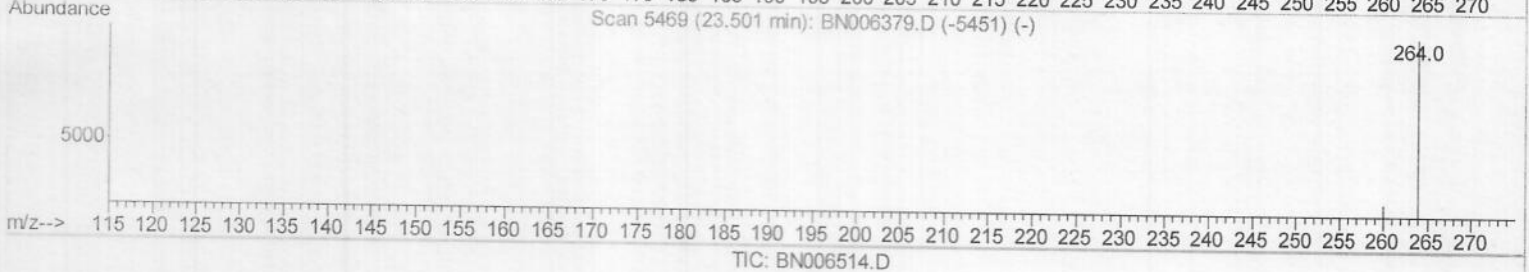
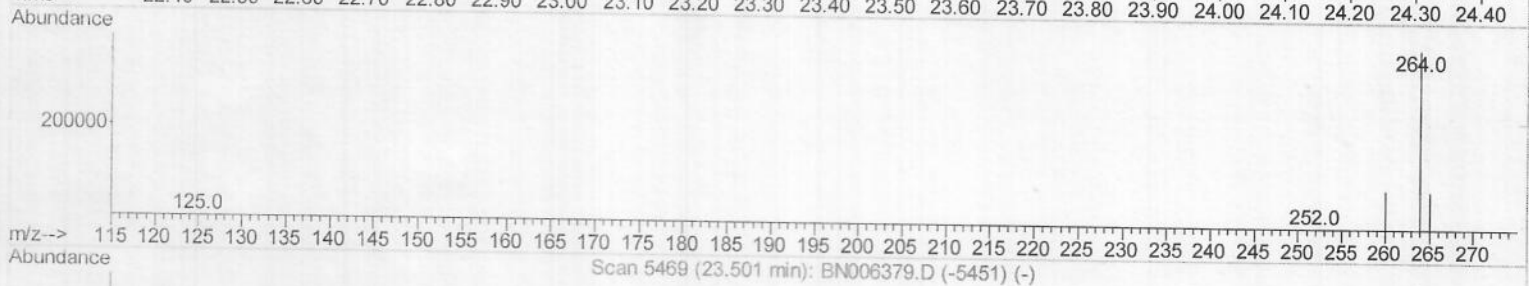
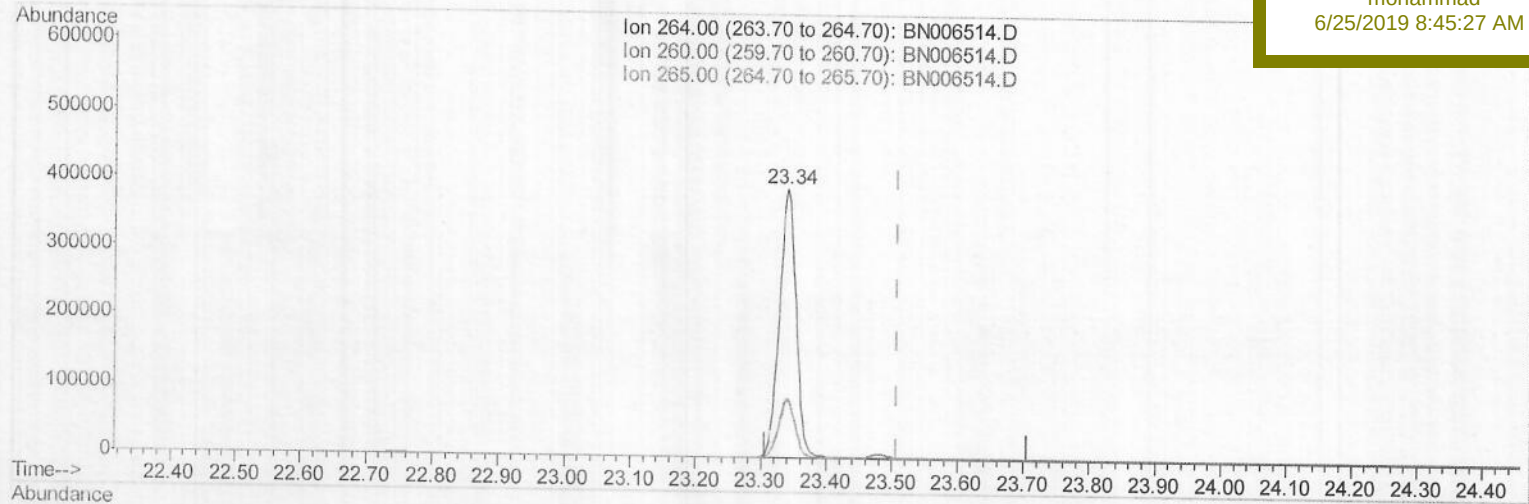
A41Z2

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:27 AM



(20) Perylene-d12 (I)

23.340min (-0.167) 0.40ng/ul

response 684716

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.38#
265.00	44.70	21.42#
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:06:40 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

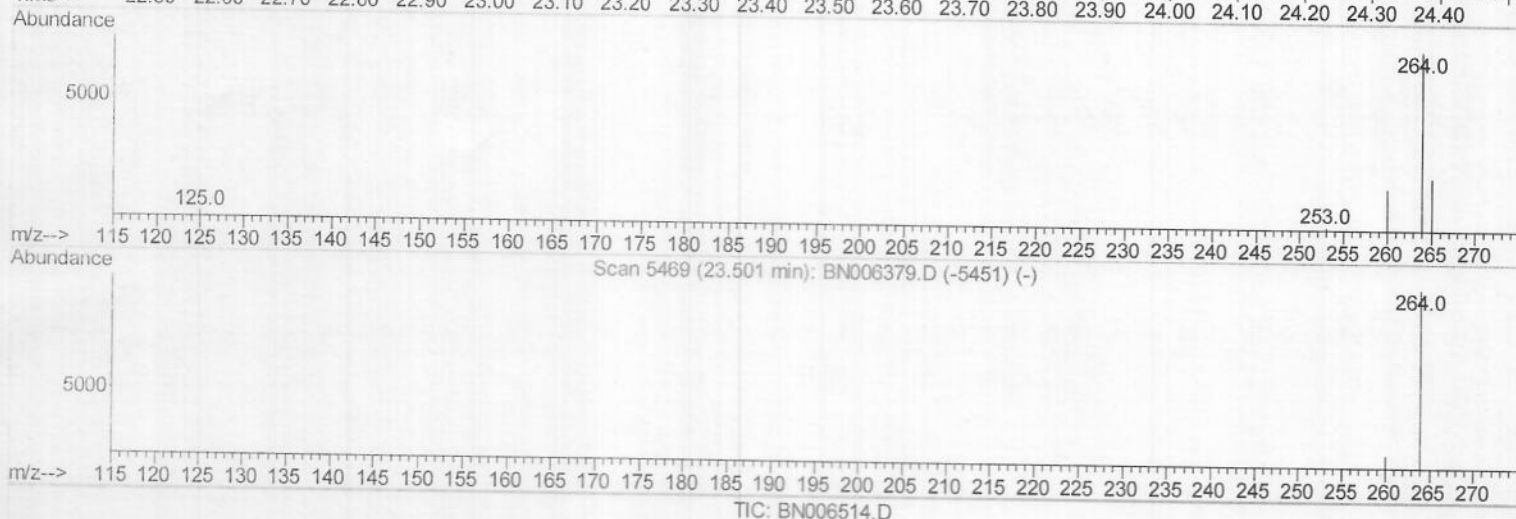
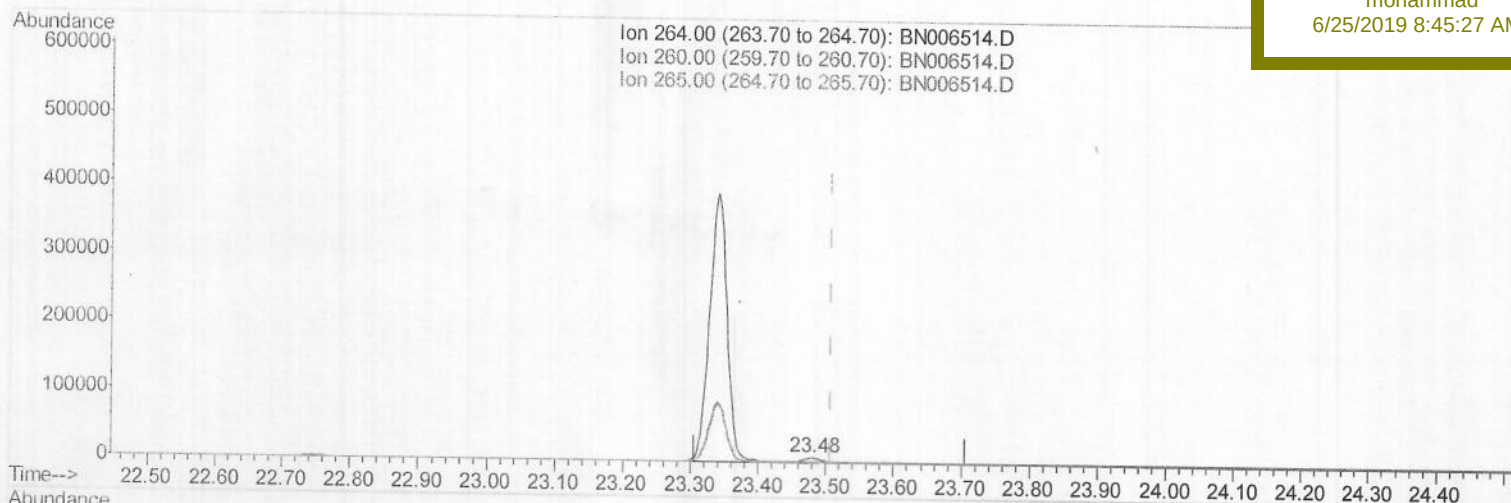
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(20) Perylene-d12 (I)

23.481min (-0.026) 0.40ng/ul m

response 11062

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.92
265.00	44.70	33.81#
0.00	0.00	0.00

> JU 06/26/19

Quantitation Report (Qedit)

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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 :

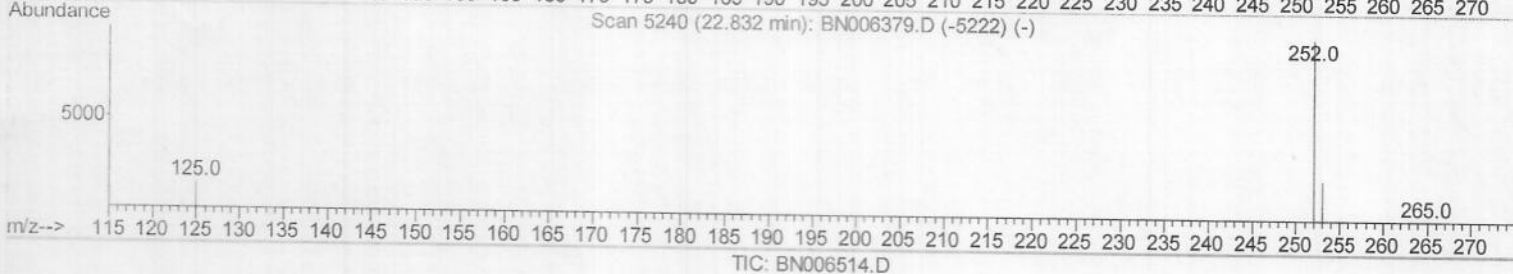
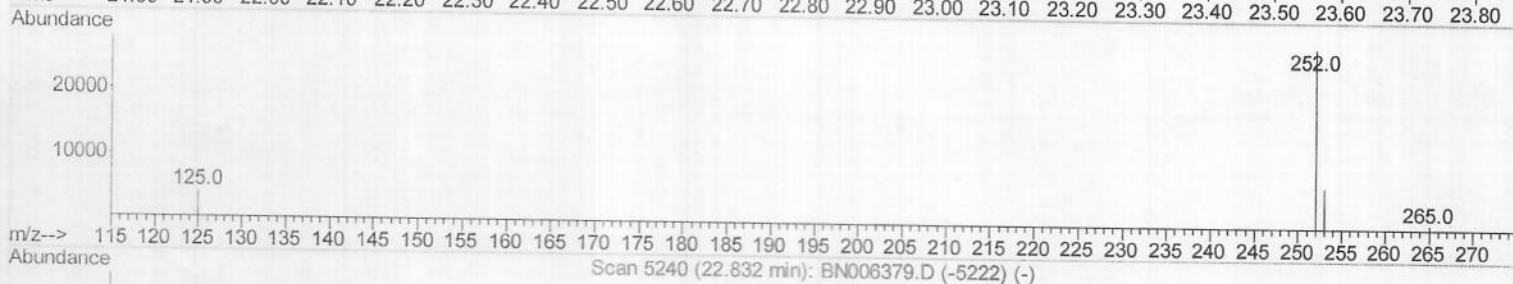
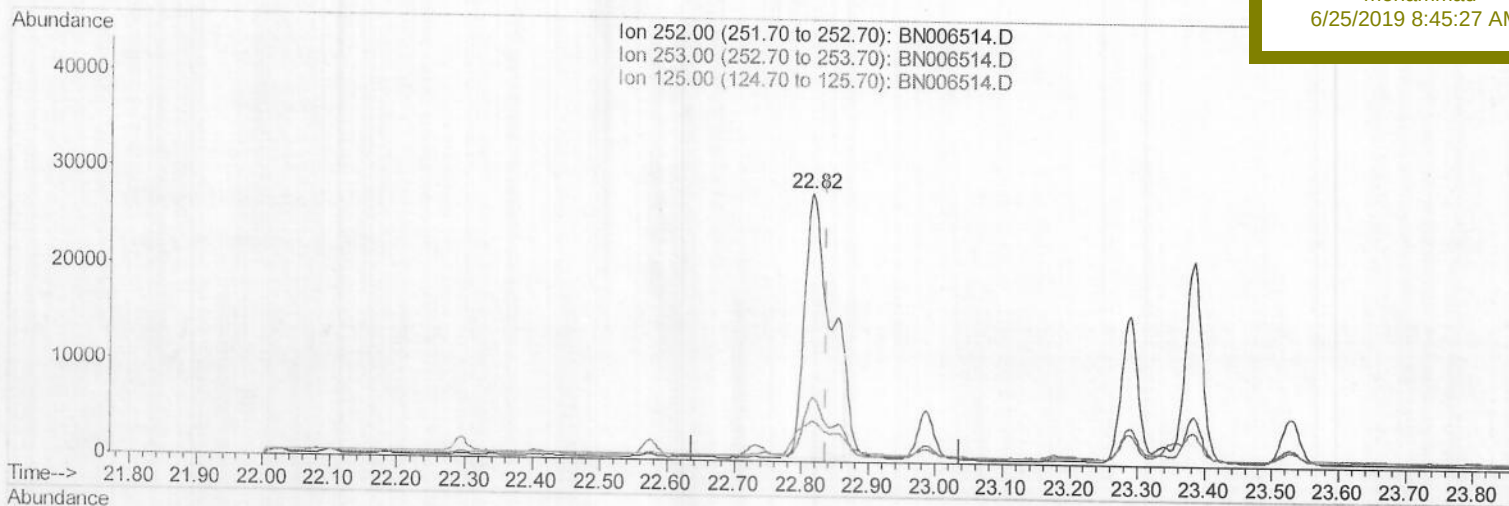
A41Z2

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:27 AM



(21) Benzo(b)fluoranthene

22.817min (-0.020) 1.62ng/ul

response 74697

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	24.03
125.00	20.50	15.07
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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

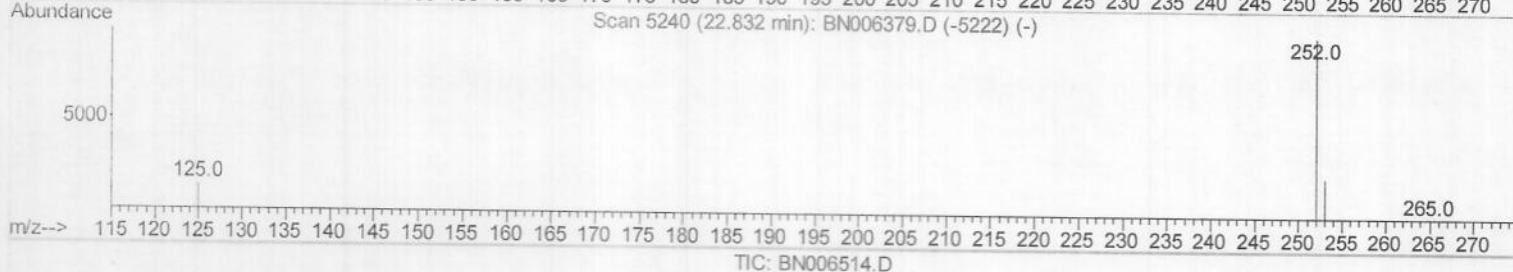
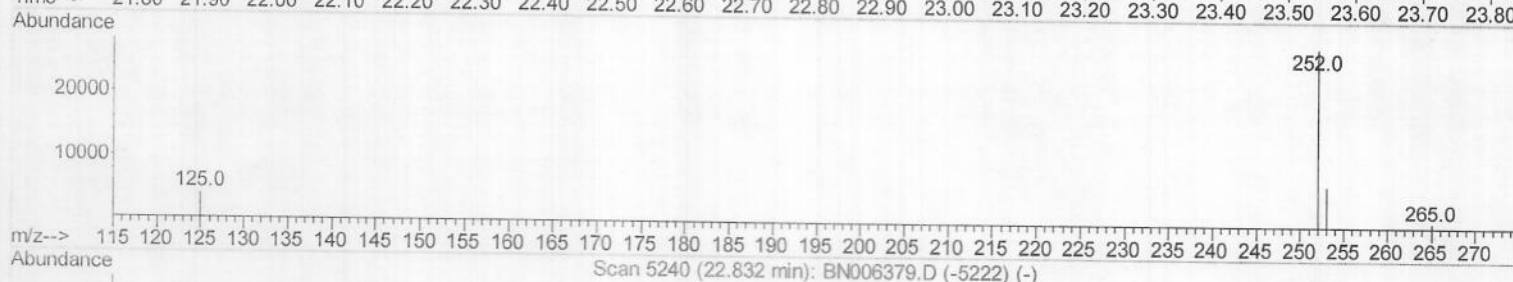
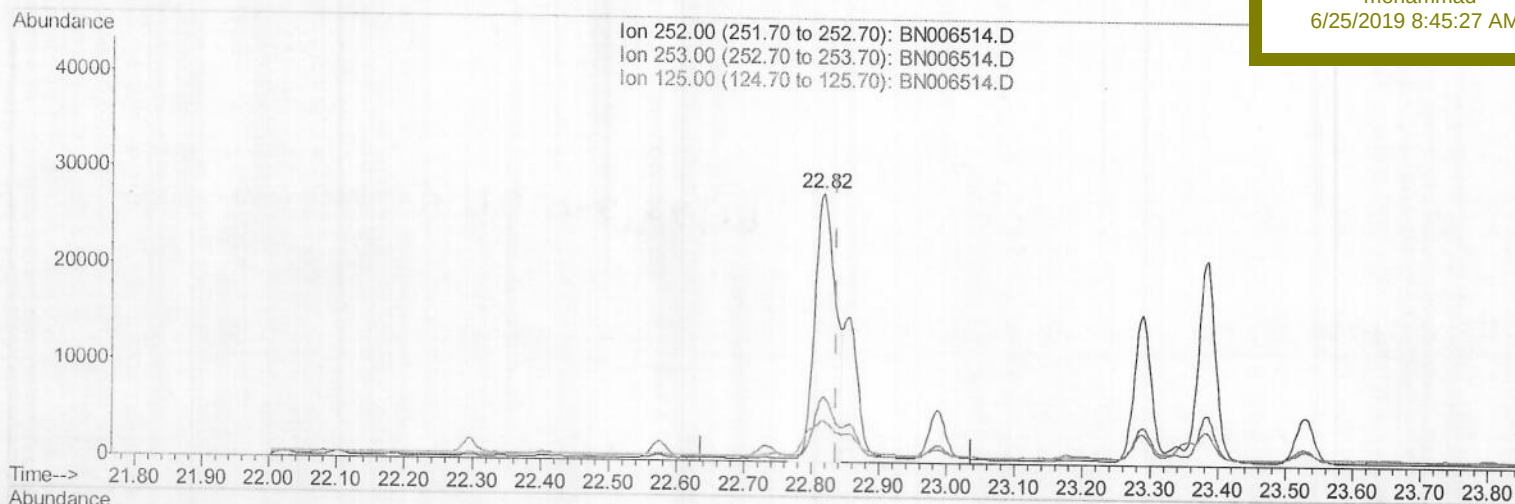
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(21) Benzo(b)fluoranthene

22.817min (-0.020) 1.29ng/ul m

> JU 06/26/19

response 59577

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	24.03
125.00	20.50	15.07
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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 :

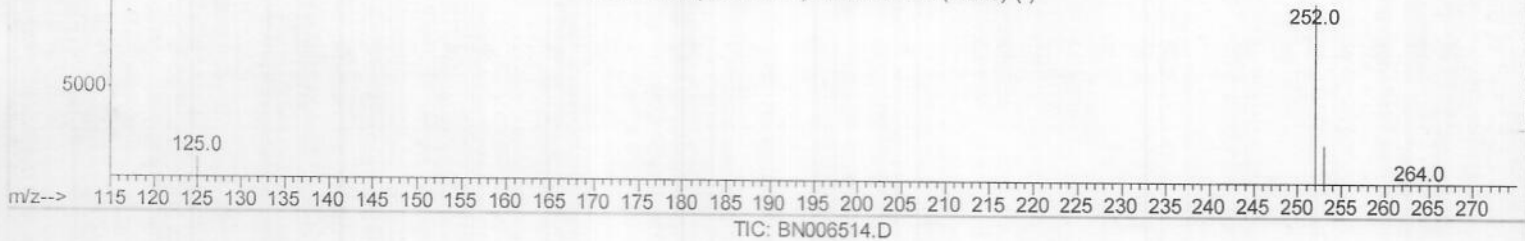
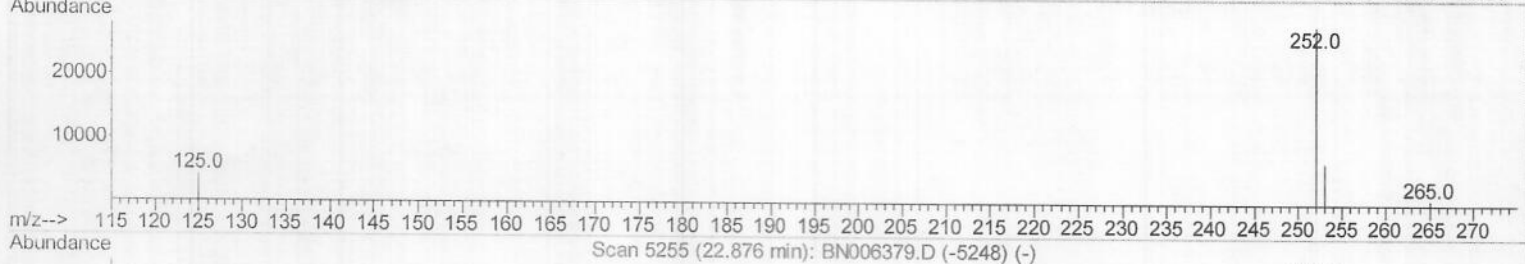
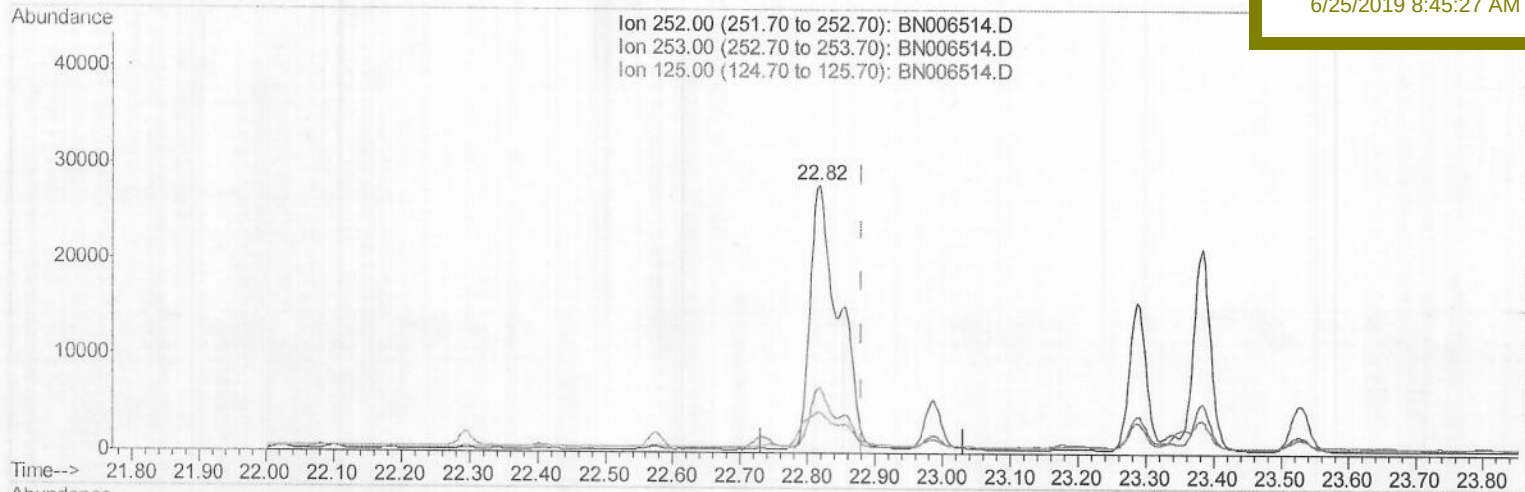
A41Z2

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:27 AM



(22) Benzo(k)fluoranthene

22.817min (-0.064) 1.46ng/ul

response 65425

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	24.03
125.00	17.90	15.07
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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 :

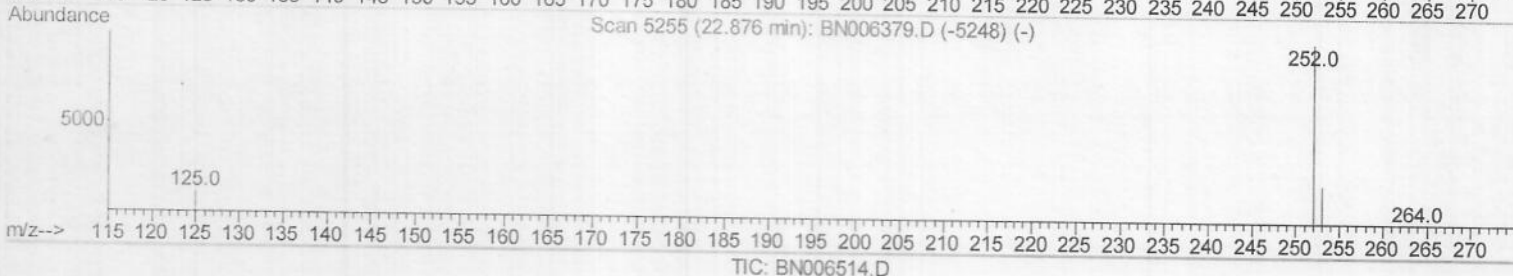
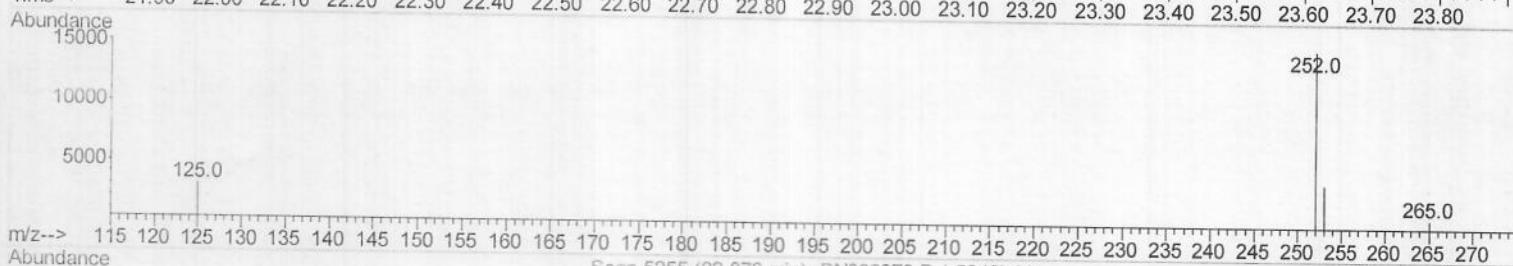
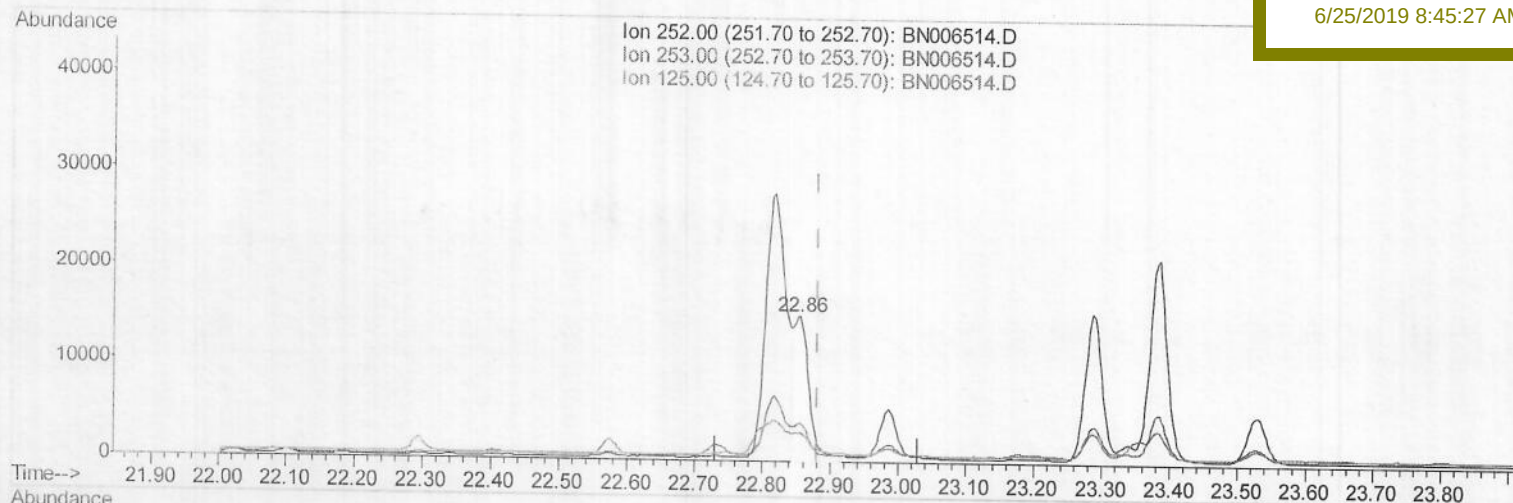
BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVED

mohammad
6/25/2019 8:45:27 AM



(22) Benzo(k)fluoranthene

22.855min (-0.026) 0.53ng/ul m

> JU 06/26/19

response 23936

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	25.71
125.00	17.90	19.64
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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 :

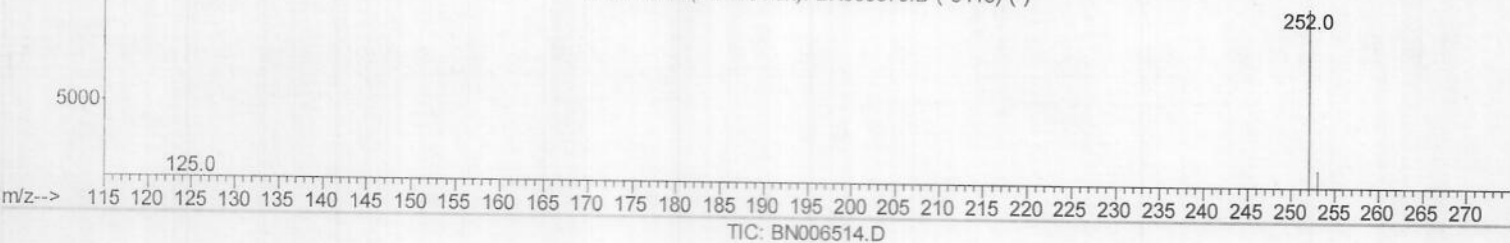
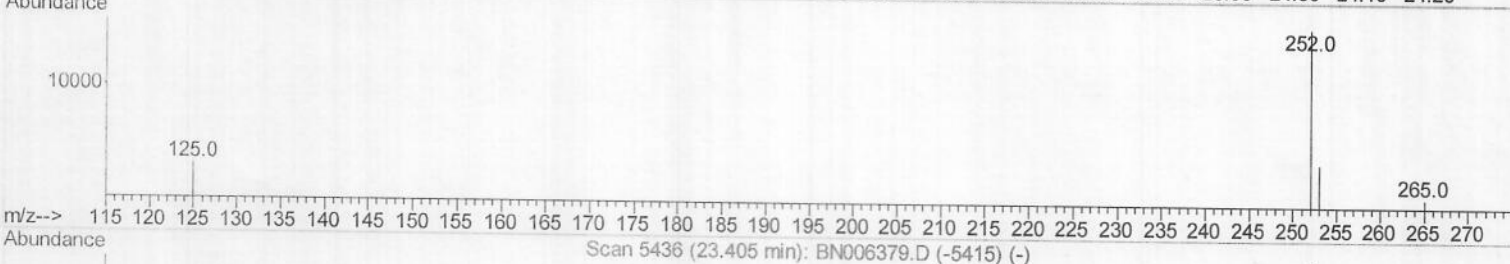
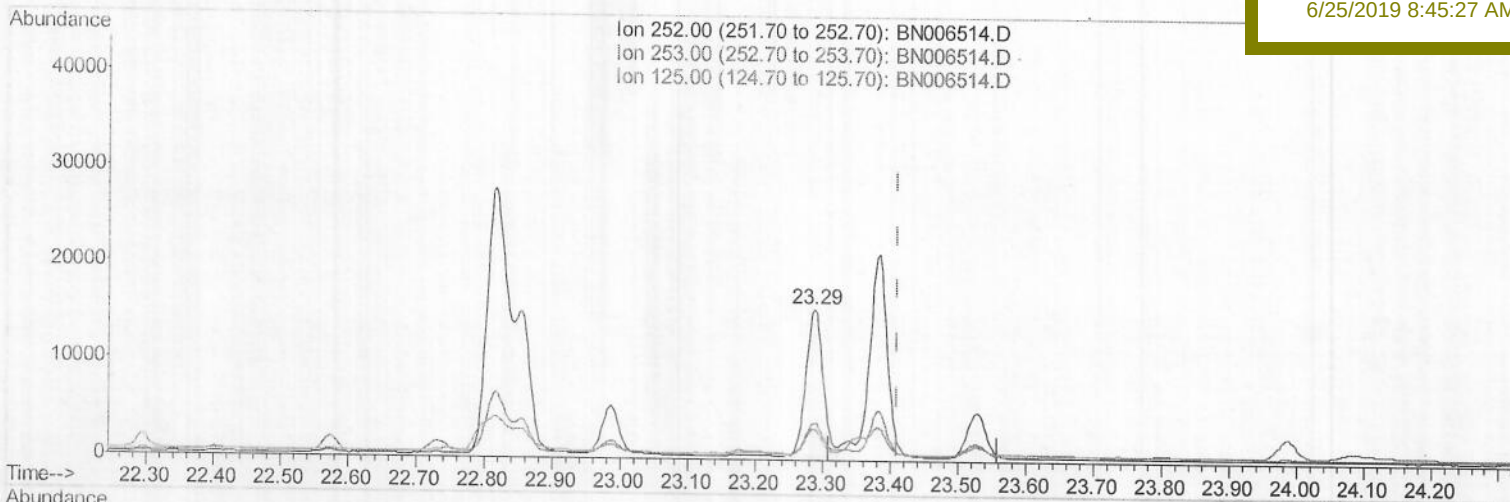
A41Z2

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:27 AM



(23) Benzo(a)pyrene (C)

23.288min (-0.123) 0.62ng/ul

response 26604

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	24.62
125.00	25.40	20.73
0.00	0.00	0.00

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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

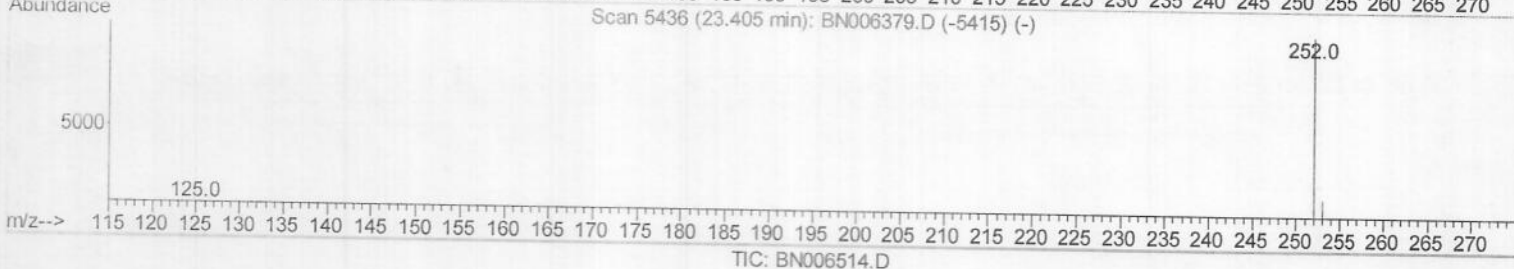
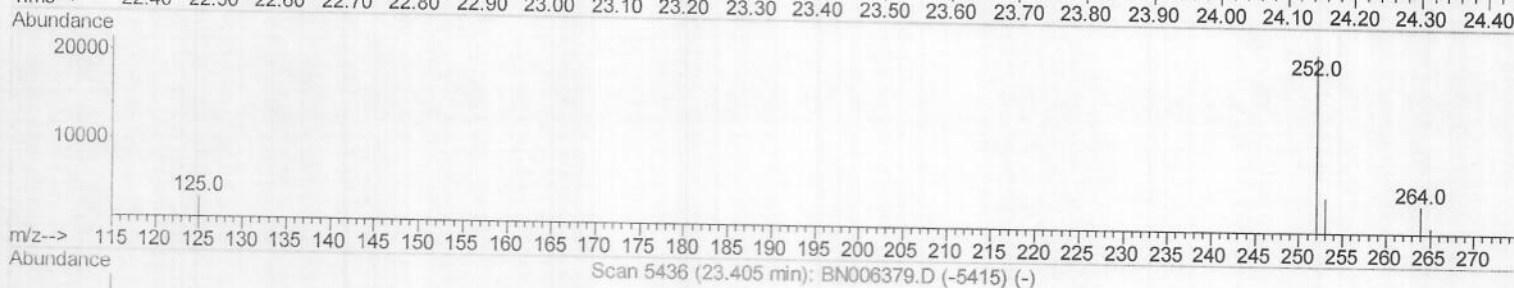
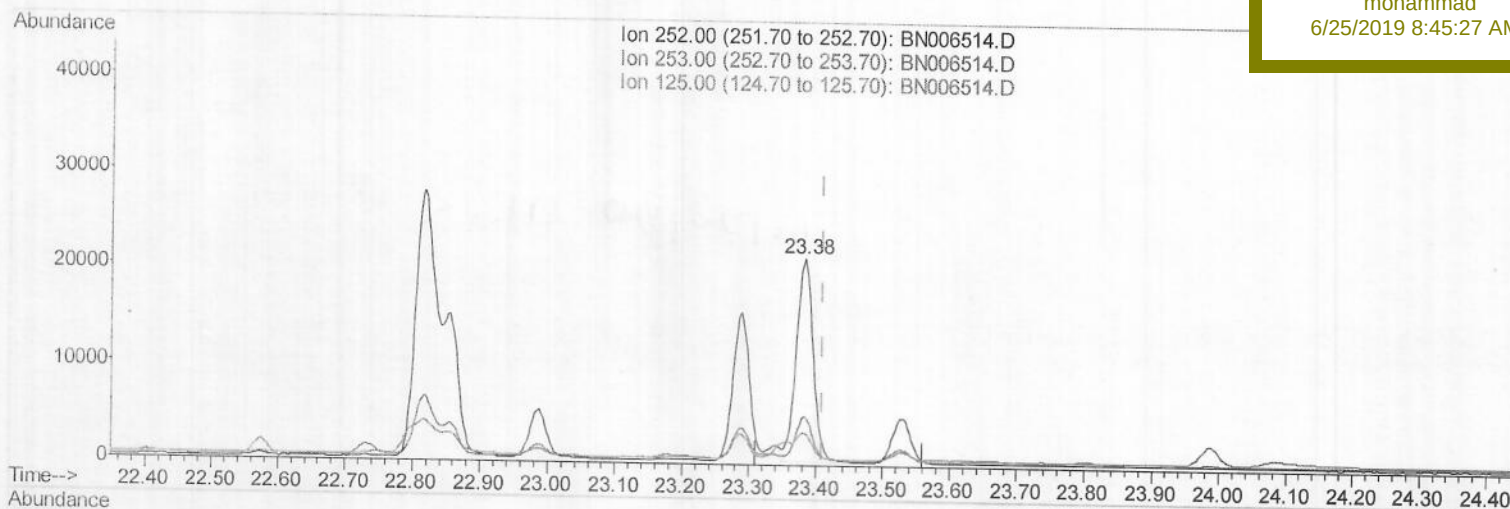
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(23) Benzo(a)pyrene (C)

23.384min (-0.026) 0.86ng/ul m

response 36827

Ion Exp% Act%

252.00 100 100

253.00 26.40 23.65

125.00 25.40 15.65#

0.00 0.00 0.00

7 JU 06/26/19

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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

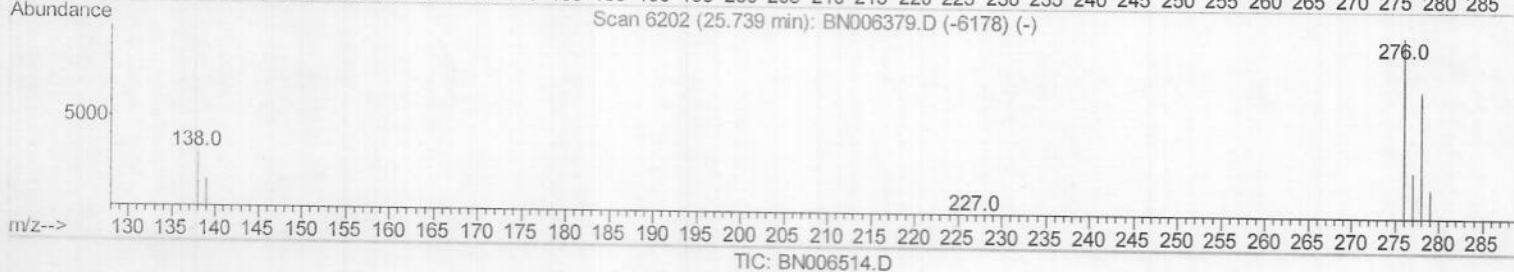
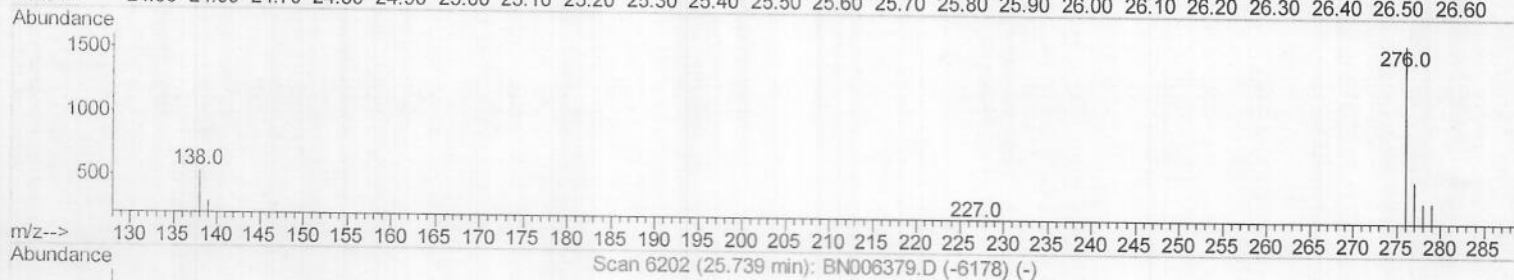
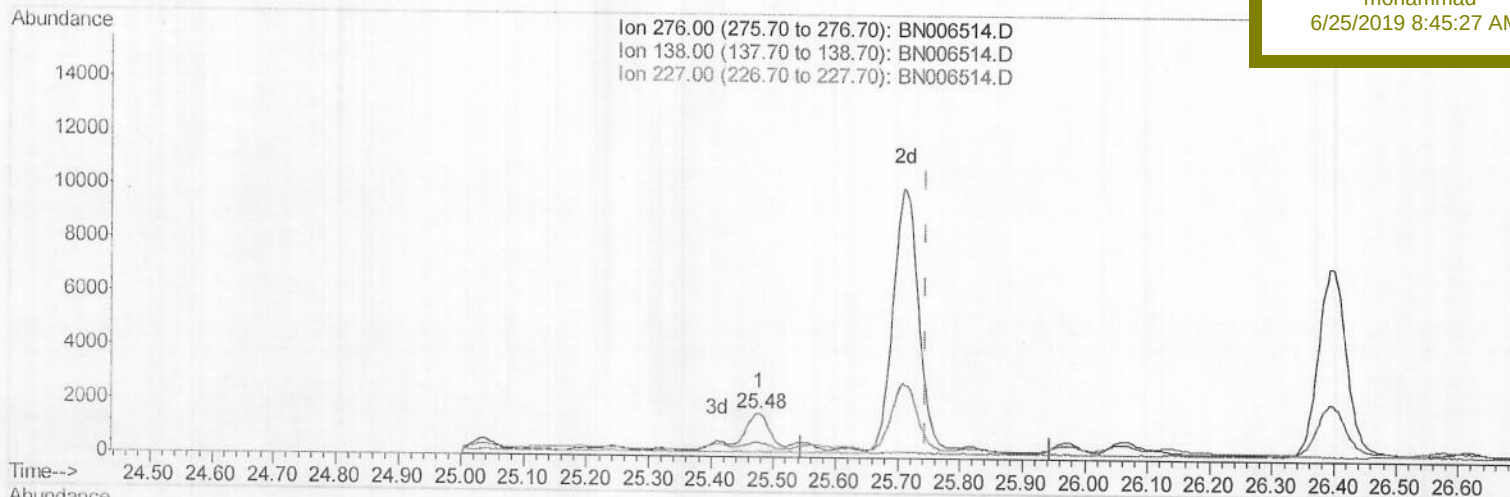
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

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

25.477min (-0.268) 0.08ng/ul

response 3575

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	15.33#
227.00	0.40	0.48
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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

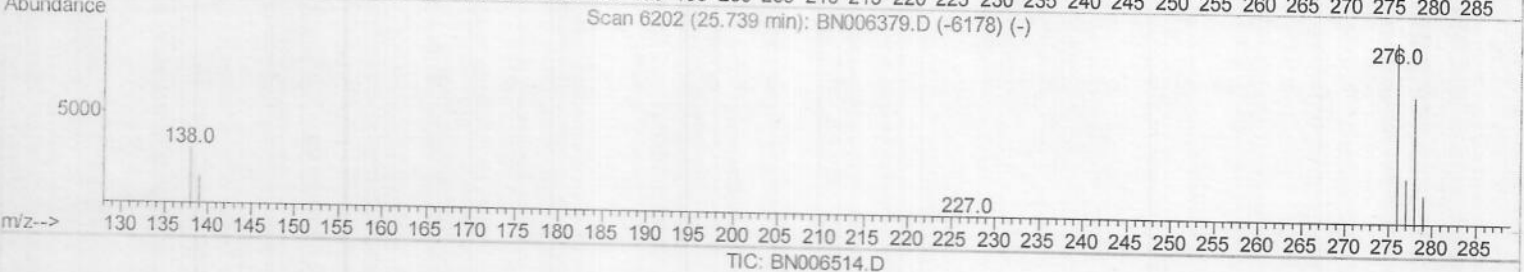
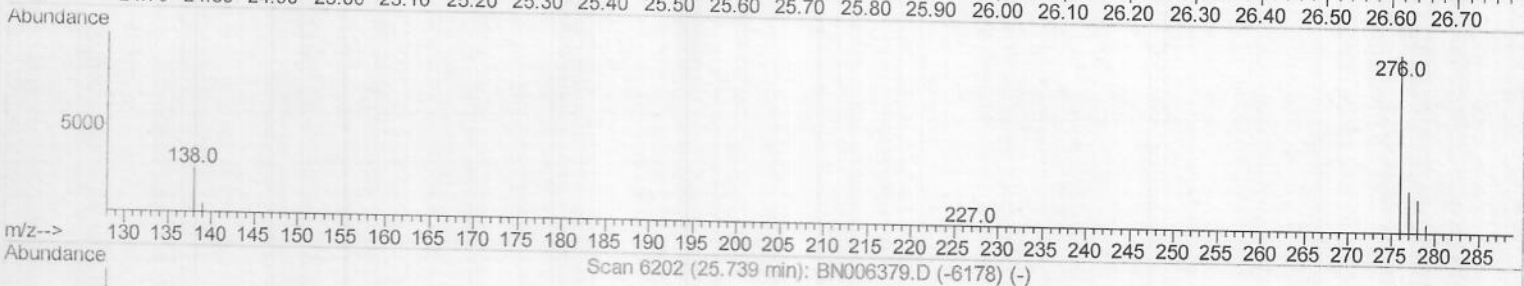
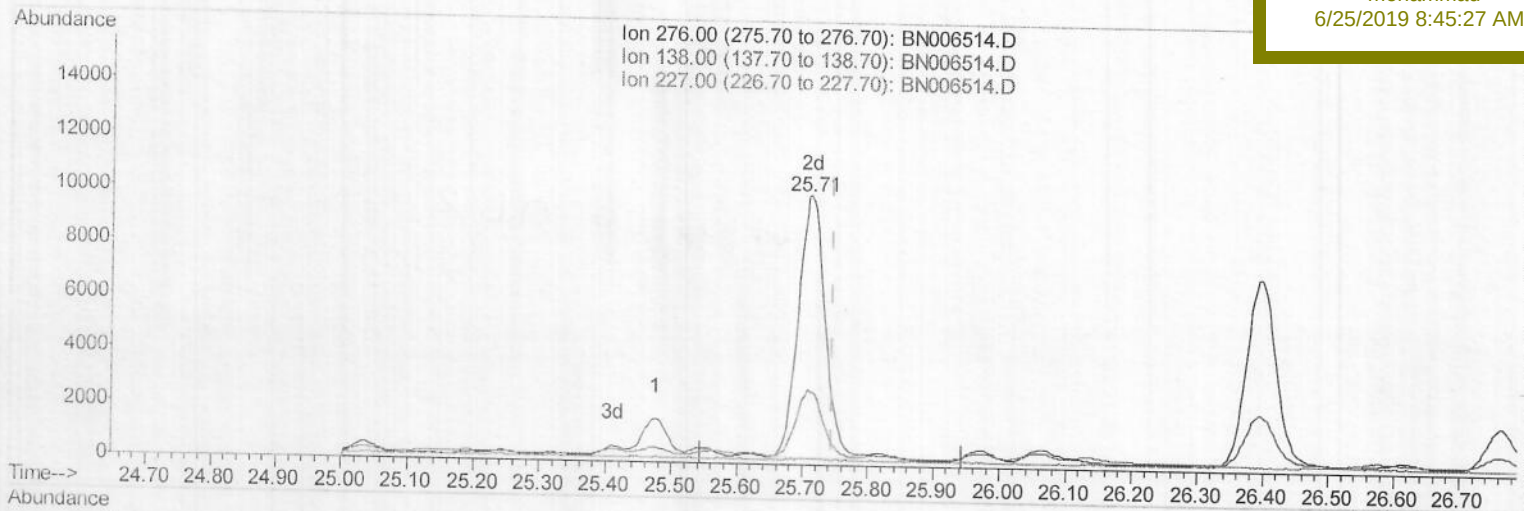
ClientSampleId :

A41Z2

Manual Integrations
APPROVED

mohammad

6/25/2019 8:45:27 AM



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

25.712min (-0.033) 0.59ng/ul m

response 27422

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	2.00#
227.00	0.40	0.06#
0.00	0.00	0.00

> JU 06/26/19

Quantitation Report (Qedit)

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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

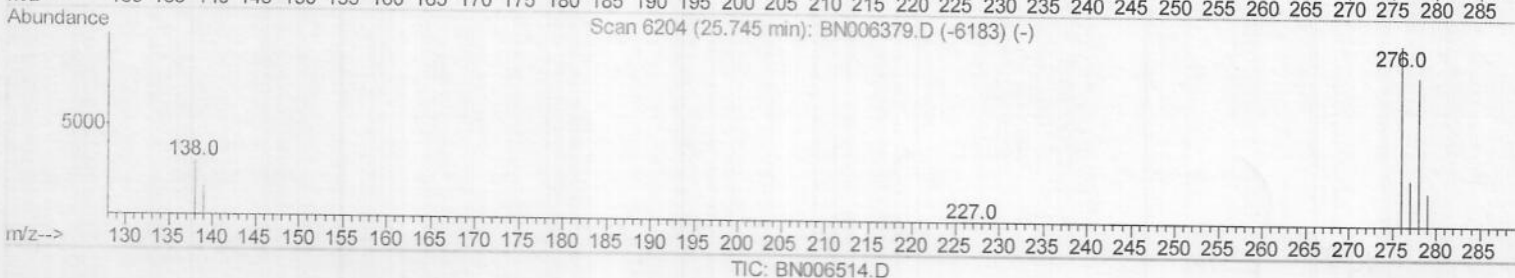
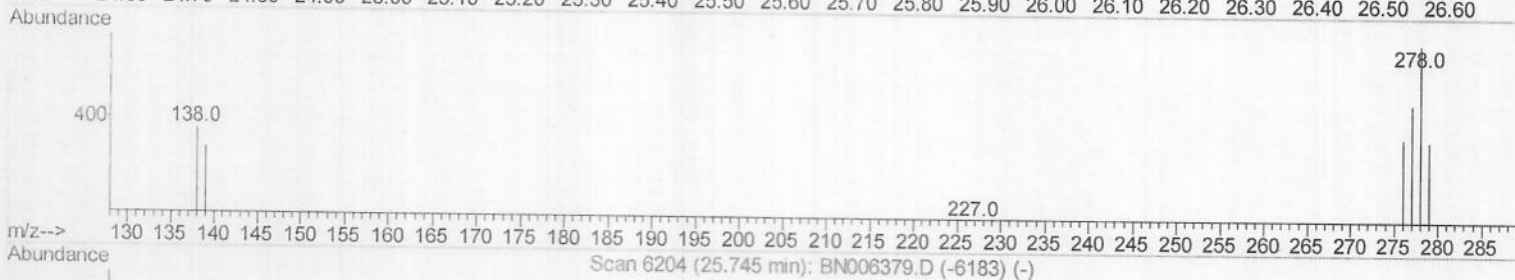
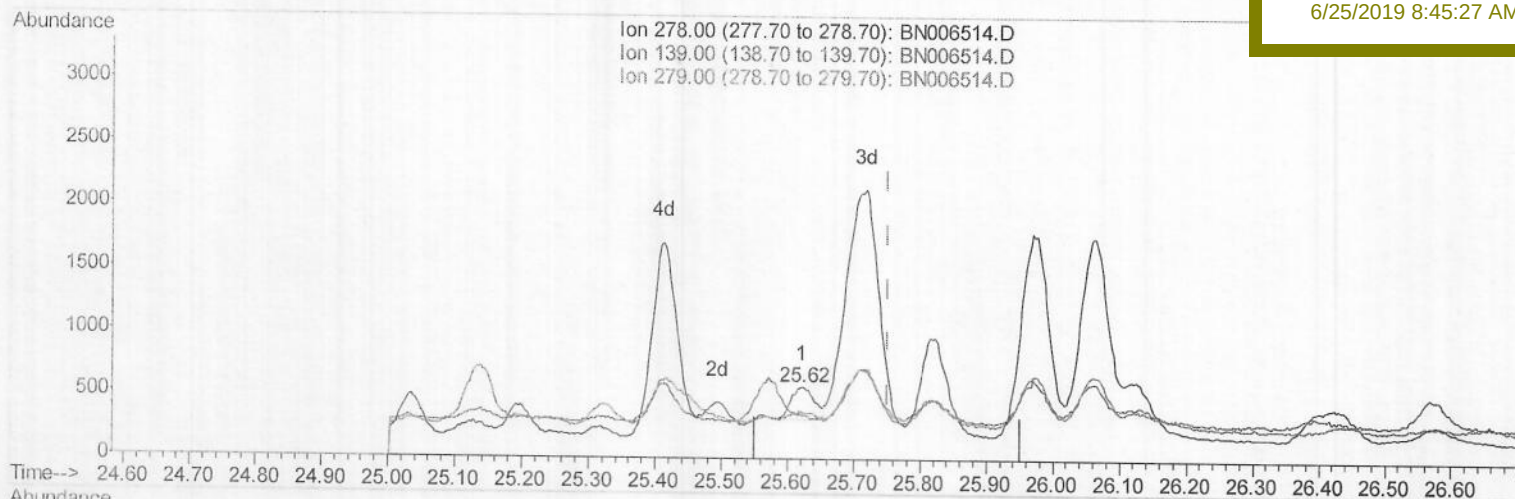
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

(25) Dibenzo(a,h)anthracene

25.621min (-0.131) 0.02ng/ui

response 641

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	60.25#
279.00	28.20	65.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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 :

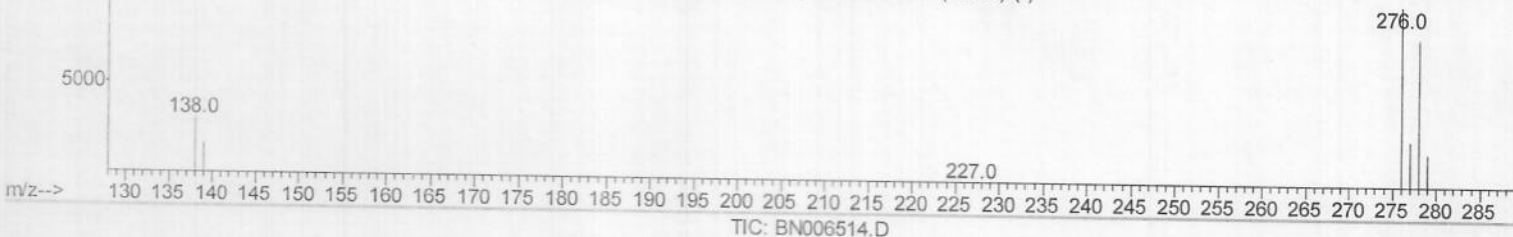
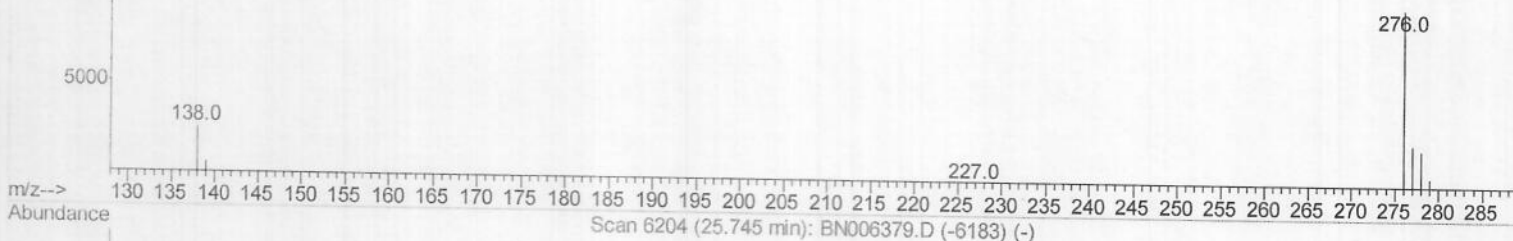
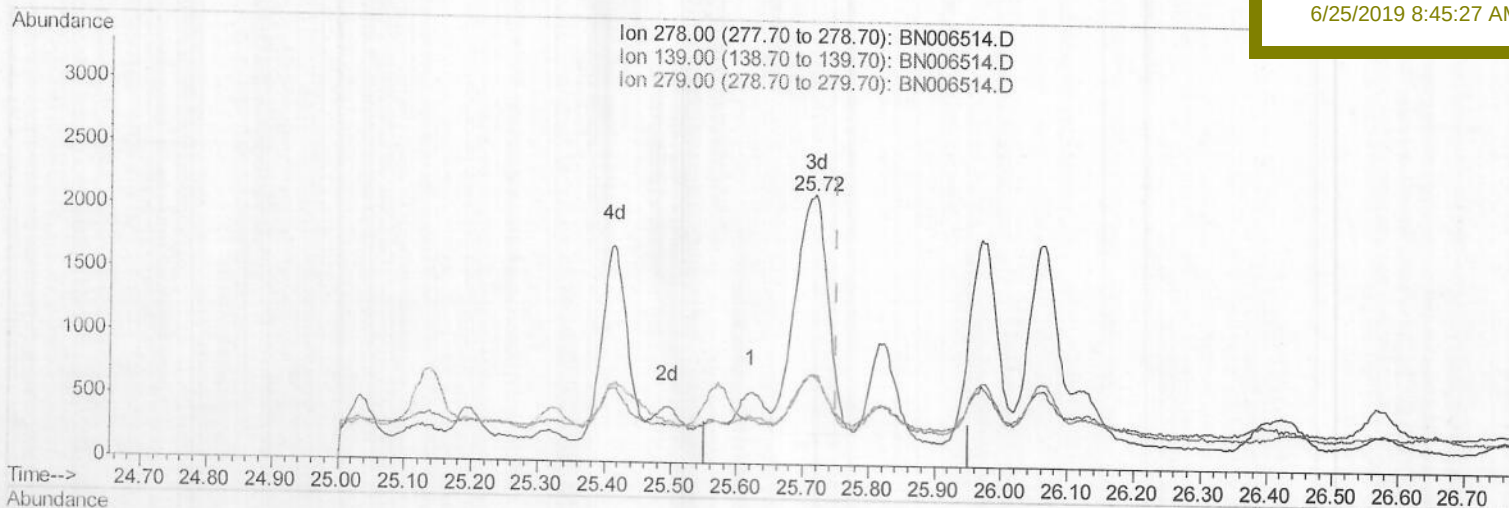
BNA_N

ClientSampleId :

A41Z2

Manual Integrations
APPROVED

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6/25/2019 8:45:27 AM



(25) Dibenzo(a,h)anthracene

25.718min (-0.033) 0.18ng/ul m

response 6599

Ion Exp% Act%

278.00 100 100

139.00 26.50 33.30#

279.00 28.20 32.46

0.00 0.00 0.00

7 JU 06/26/19

Quantitation Report (Qedit)

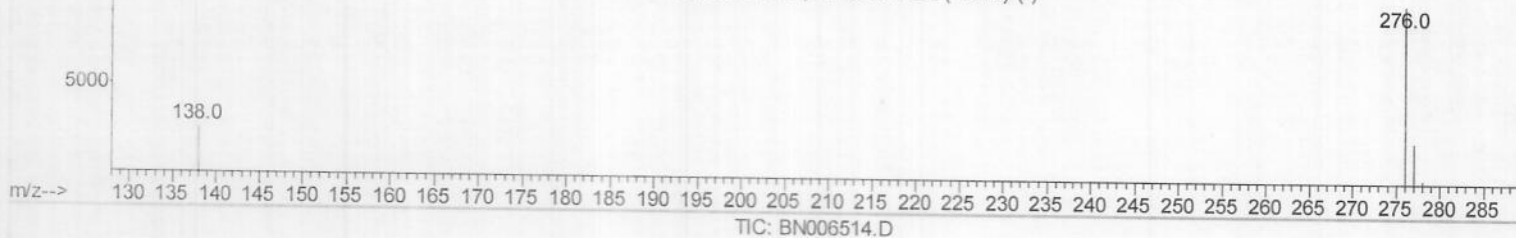
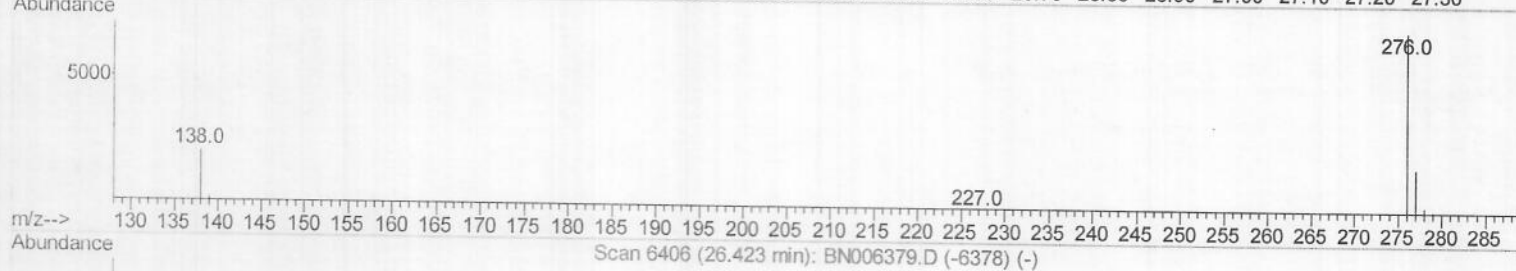
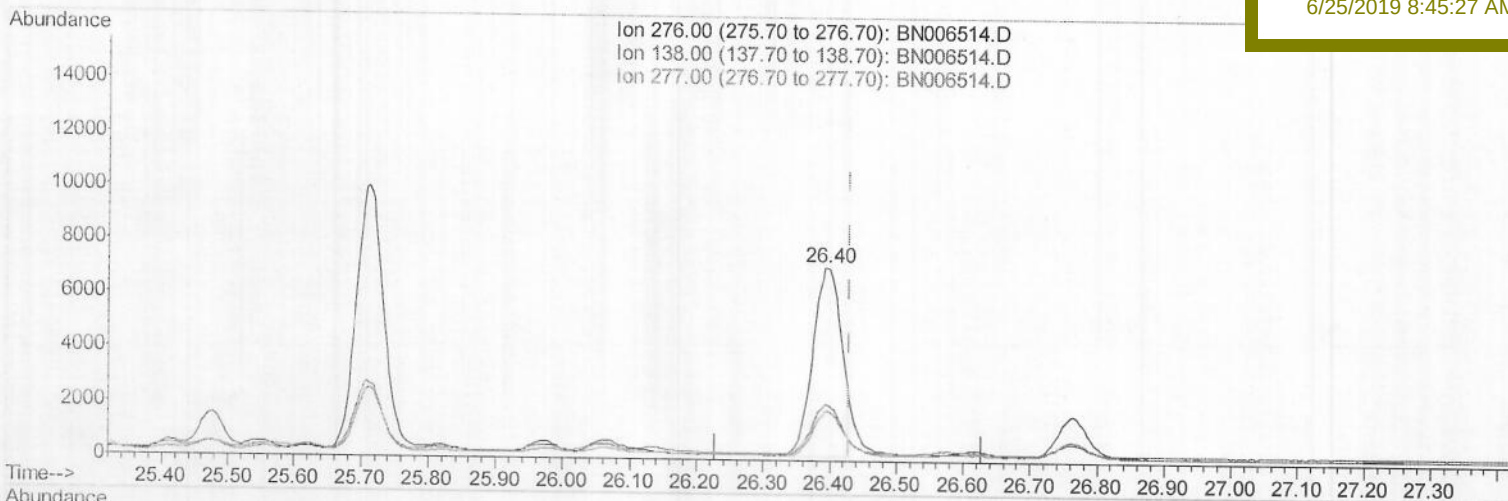
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\
Data File : BN006514.D
Acq On : 23 Jun 2019 07:19
Operator : HP/JU
Sample : K3360-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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 :
A41Z2

Manual Integrations
APPROVED

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6/25/2019 8:45:27 AM



(26) Benzo(g,h,i)perylene
26.396min (-0.033) 0.52ng/ul
response 20105

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	29.54
277.00	26.90	25.98
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:07:16 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 :

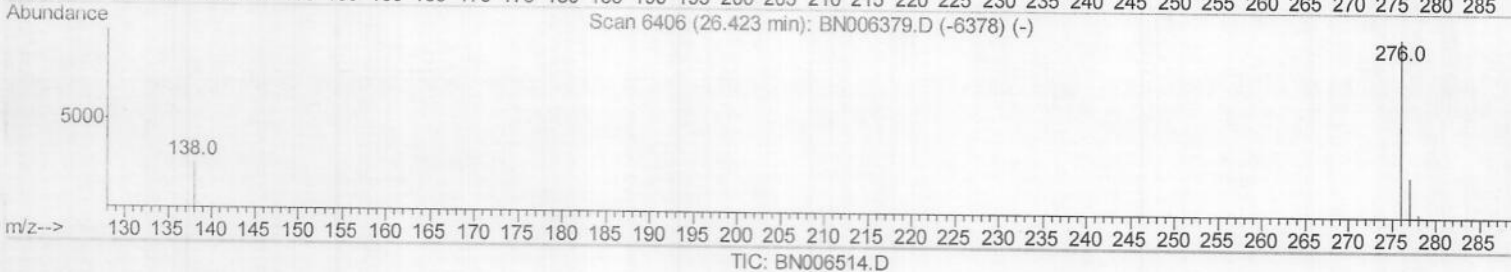
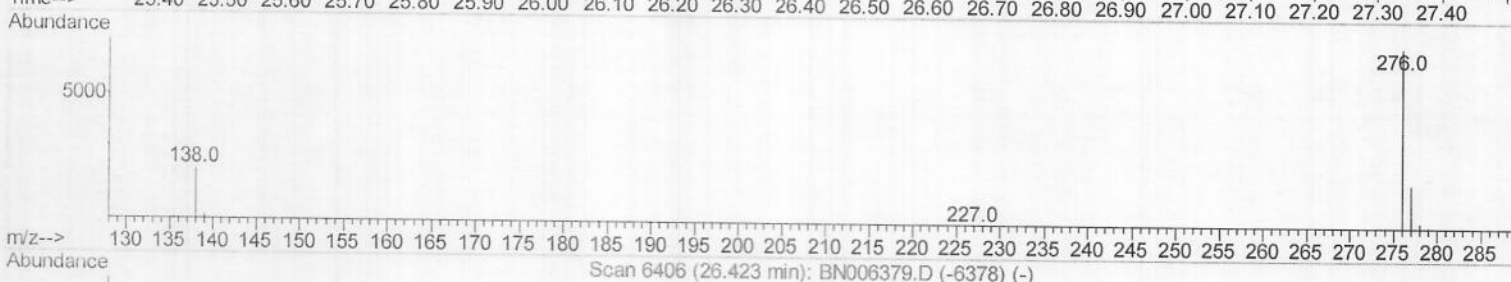
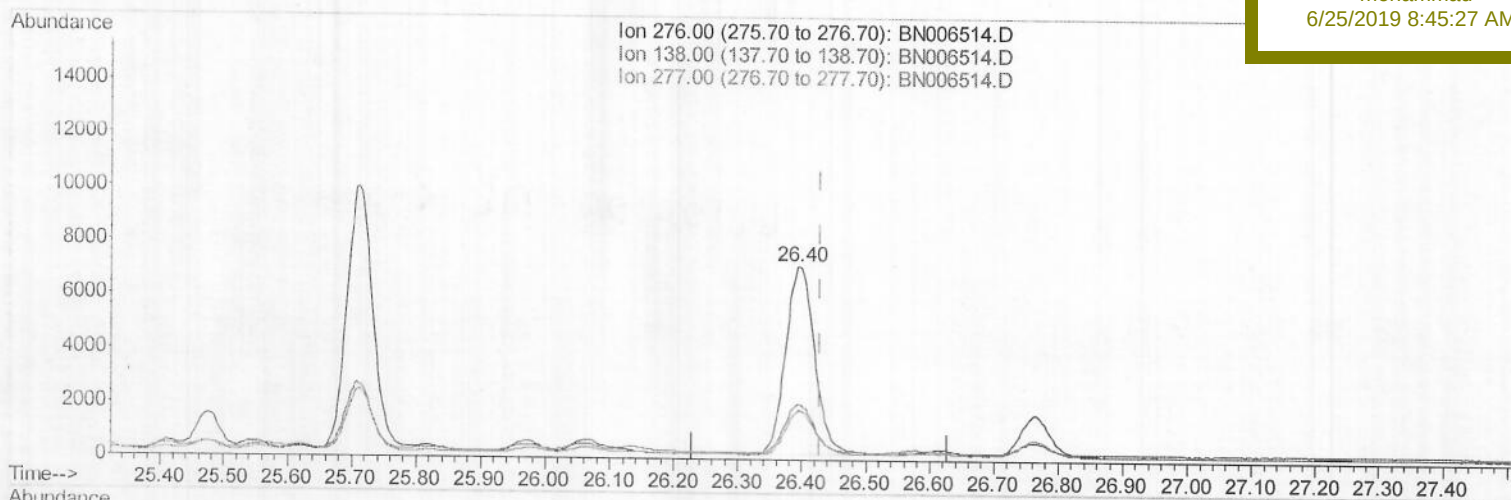
A41Z2

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:27 AM



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

26.396min (-0.033) 0.57ng/ul m

response 22249

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	29.54
277.00	26.90	25.98
0.00	0.00	0.00

JU 06/26/19

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

Data File : BN006514.D

Acq On : 23 Jun 2019 07:19

Operator : HP/JU

Sample : K3360-12

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 24 09:09:17 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 :

A41Z2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5304	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	20329	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10747	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	21638m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	12676m	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	11062m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	6538	0.21	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	13272m	0.23	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.46	128	2141	0.038	ng/ul	Ovalue 87
7) Acenaphthylene	14.00	152	7421	0.124	ng/ul	97
12) Phenanthrene	17.08	178	24354m	0.351	ng/ul	
13) Anthracene	17.17	178	6724m	0.101	ng/ul	
15) Fluoranthene	19.10	202	120207m	1.567	ng/ul	
17) Pyrene	19.47	202	102489	1.535	ng/ul	99
18) Benzo(a)anthracene	21.24	228	44720	0.798	ng/ul	99
19) Chrysene	21.29	228	50266	0.955	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	59577m	1.292	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	23936m	0.533	ng/ul	
23) Benzo(a)pyrene	23.38	252	36827m	0.857	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	27422m	0.590	ng/ul	
25) Dibenzo(a,h)anthracene	25.72	278	6599m	0.178	ng/ul	
26) Benzo(a,h,i)perylene	26.40	276	22249m	0.571	ng/ul	

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