

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:25:46 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

Client Sampled :

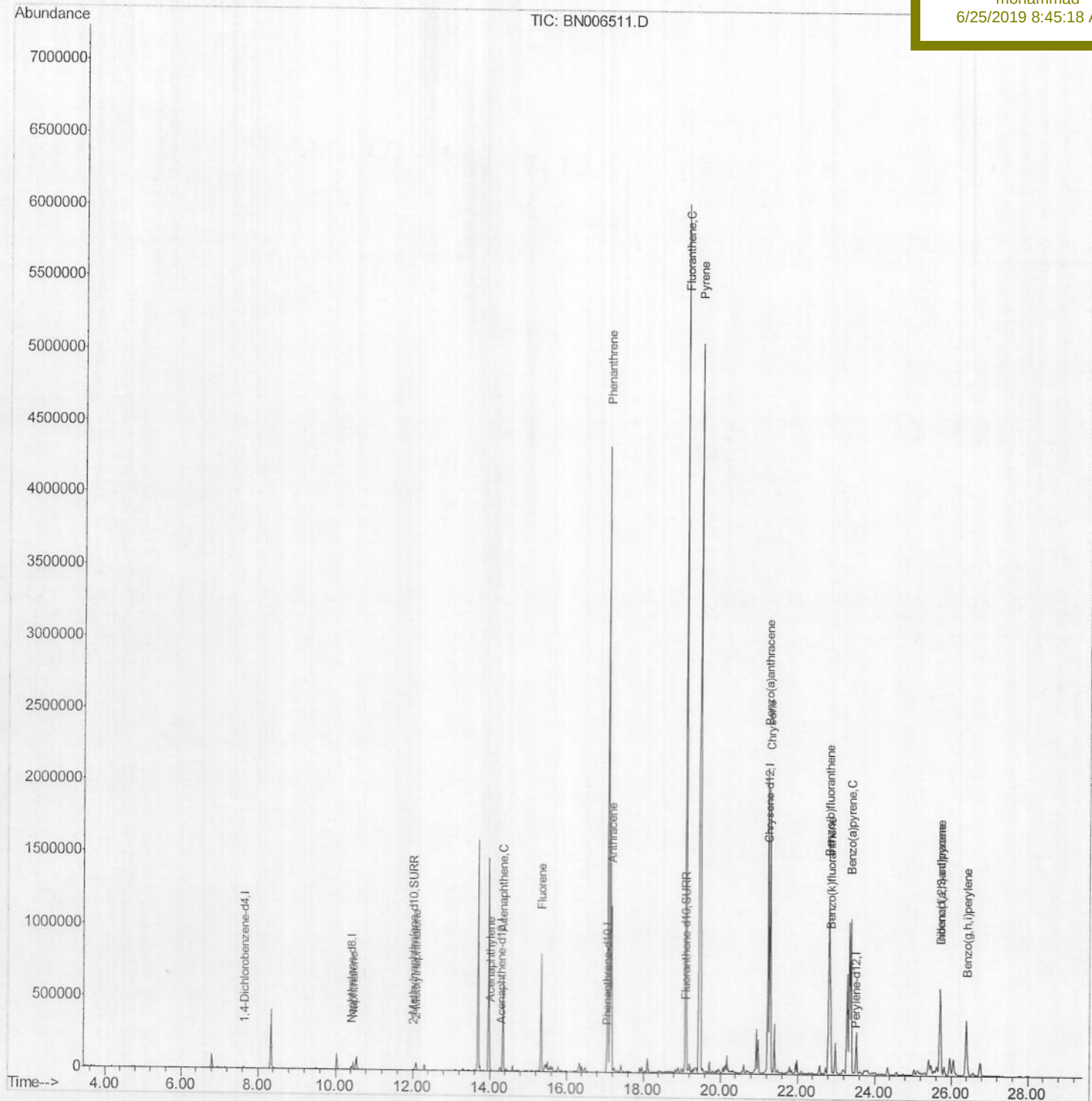
A4201

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:18 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\
Data File : BN006511.D
Acq On : 23 Jun 2019 05:36
Operator : HP/JU
Sample : K3360-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

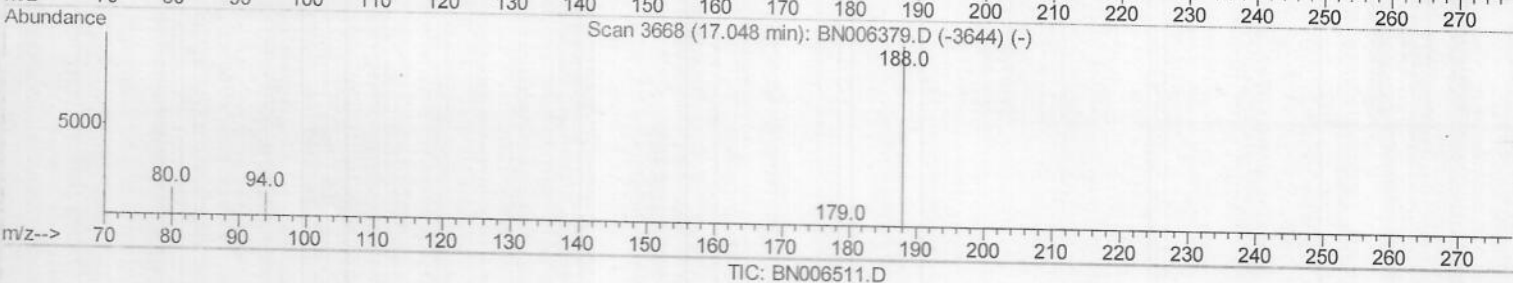
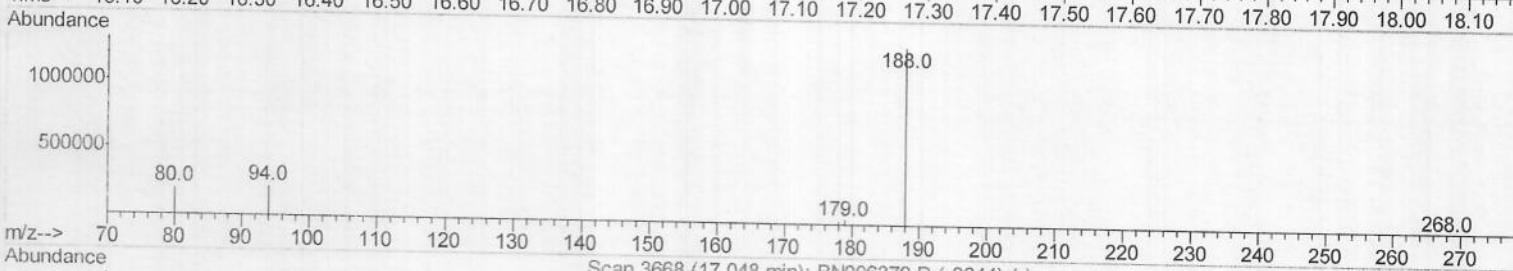
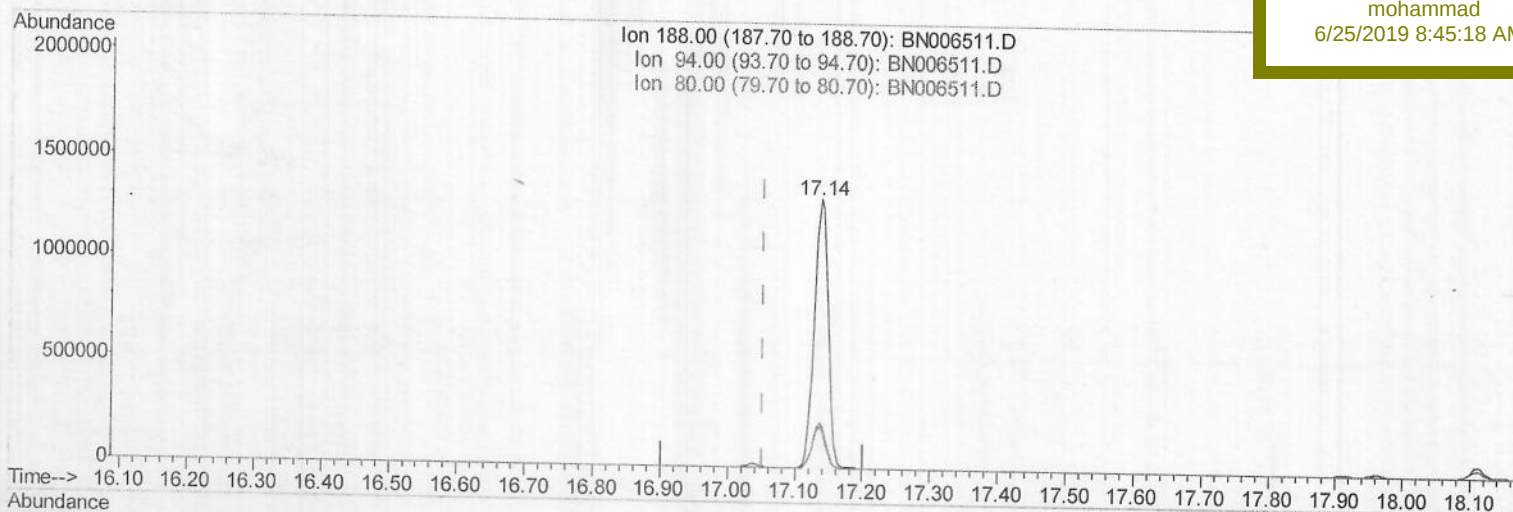
Quant Time: Jun 24 09:21:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4201

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:18 AM

(10) Phenanthrene-d10 (I)

17.137min (+0.084) 0.40ng/ul

response 1857076

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	16.73#
80.00	13.60	15.28
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:21:05 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 :

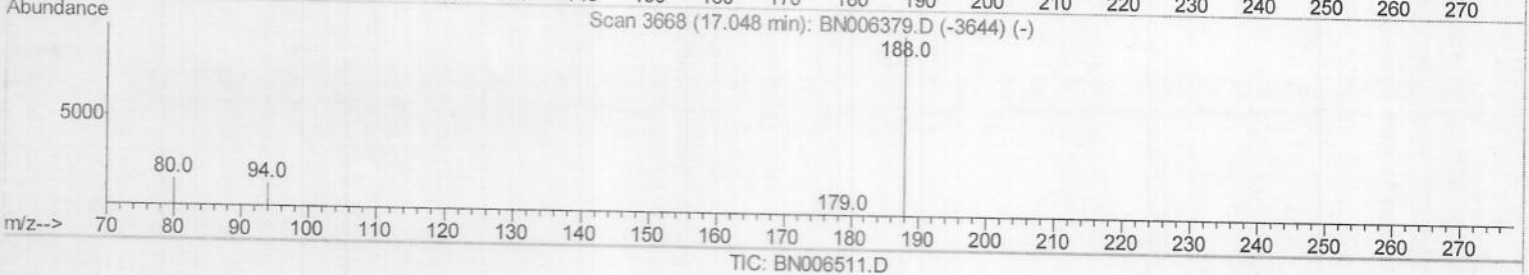
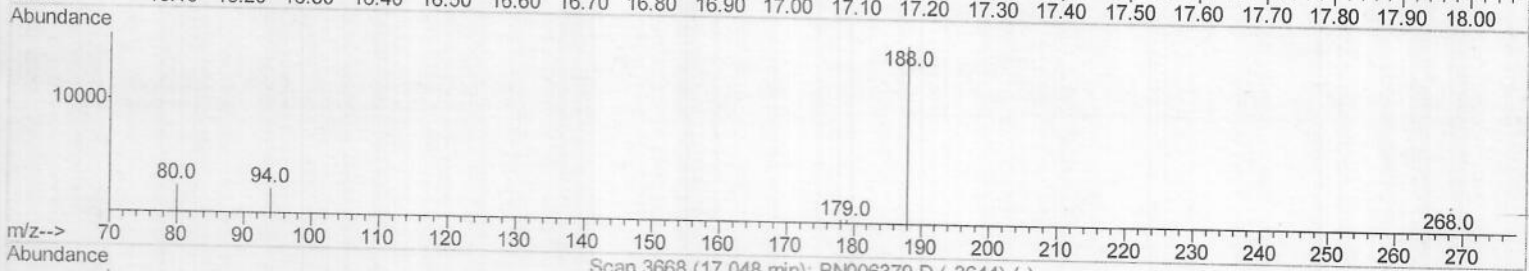
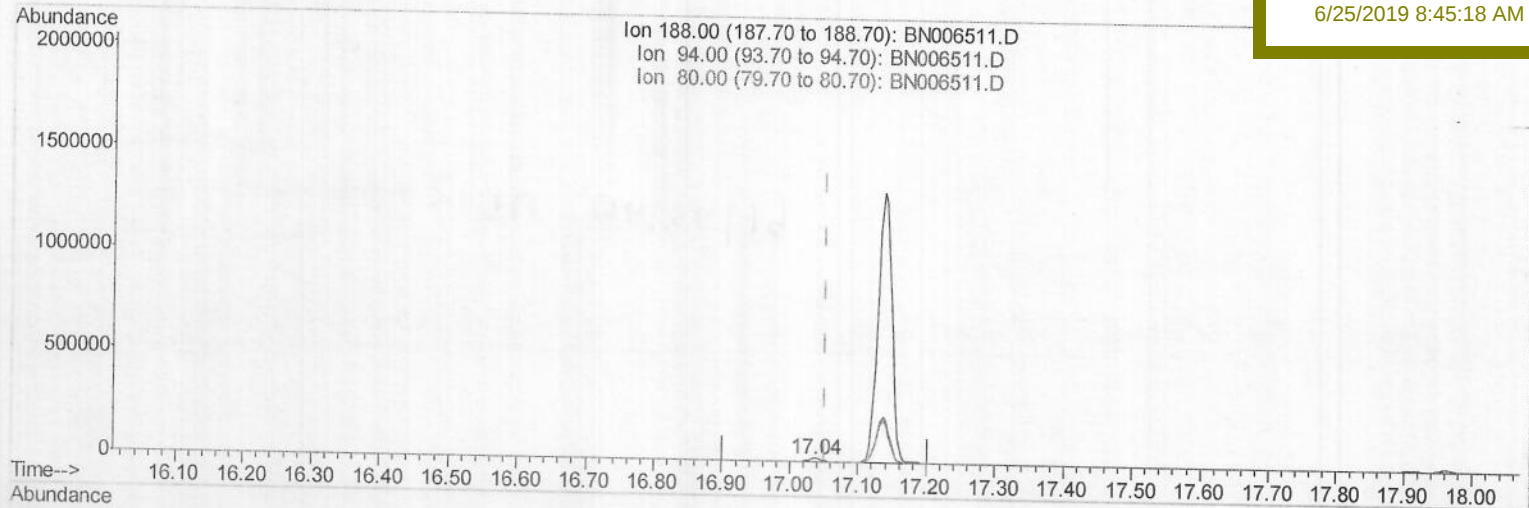
A4201

Manual Integrations

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mohammad

6/25/2019 8:45:18 AM



(10) Phenanthrene-d10 (I)

17.035min (-0.017) 0.40ng/ul m

response 22177

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.06
80.00	13.60	15.52
0.00	0.00	0.00

JU 06/26/19

Quantitation Report (Qedit)

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:21:32 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 :

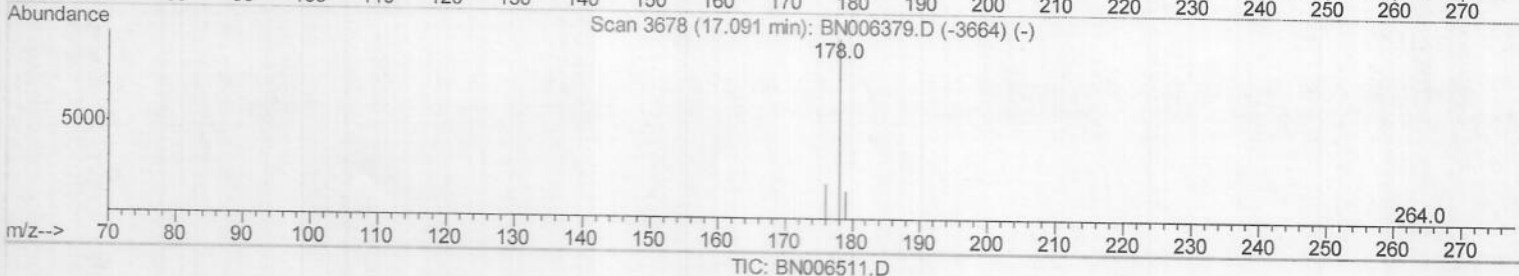
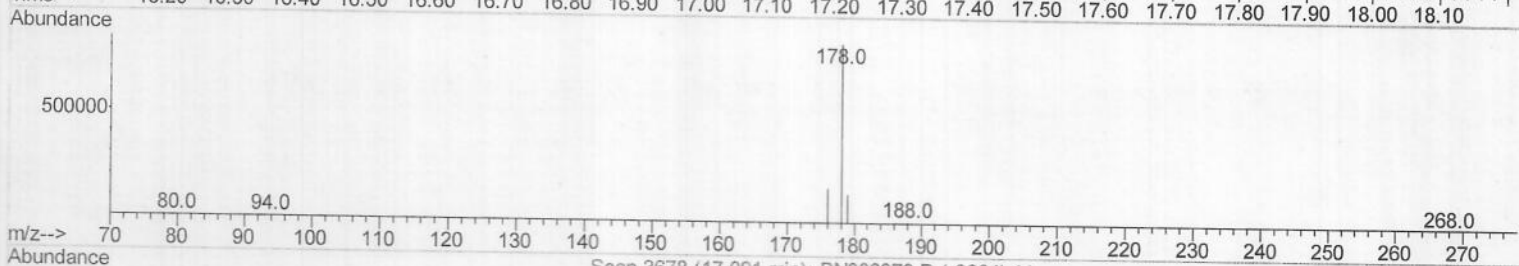
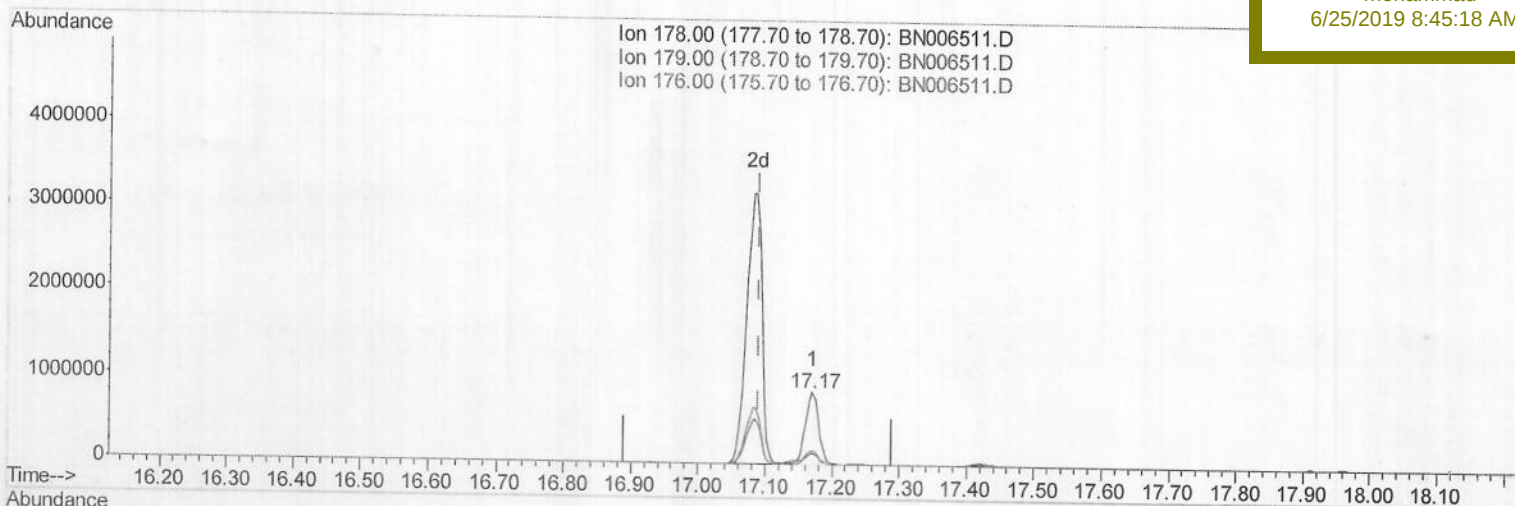
A4201

Manual Integrations

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6/25/2019 8:45:18 AM



(12) Phenanthrene

17.170min (+0.080) 16.09ng/ul

response 1145567

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.66
176.00	19.10	18.97
0.00	0.00	0.00

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:21:32 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

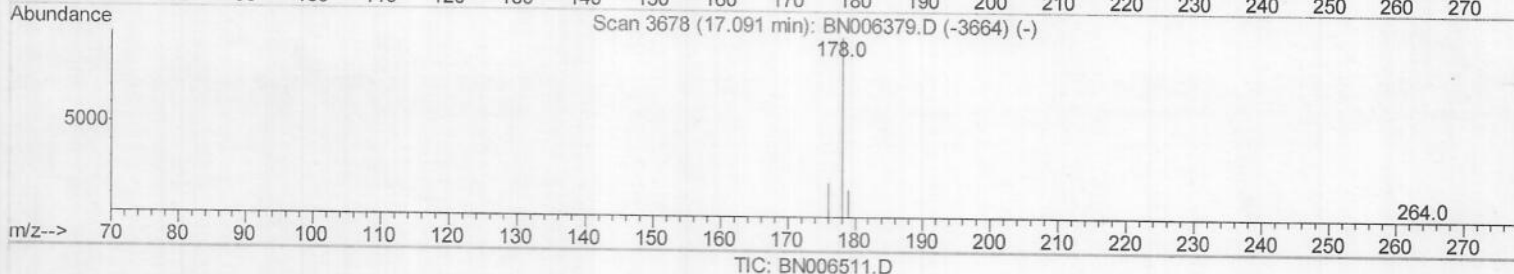
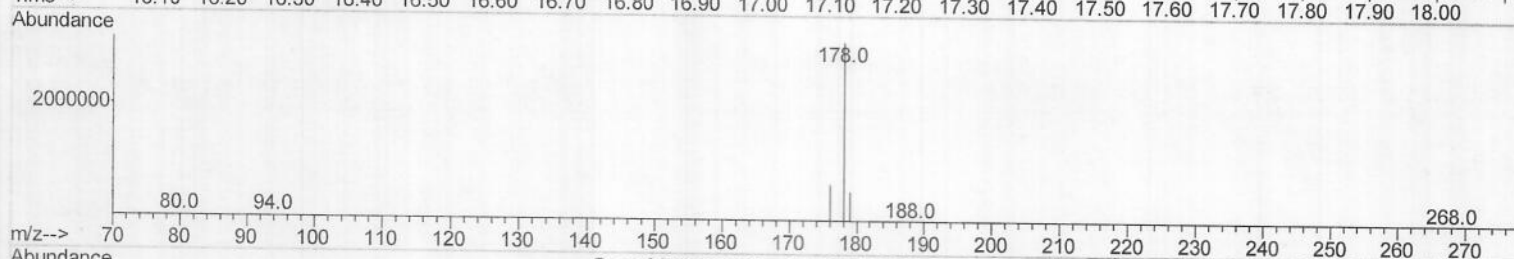
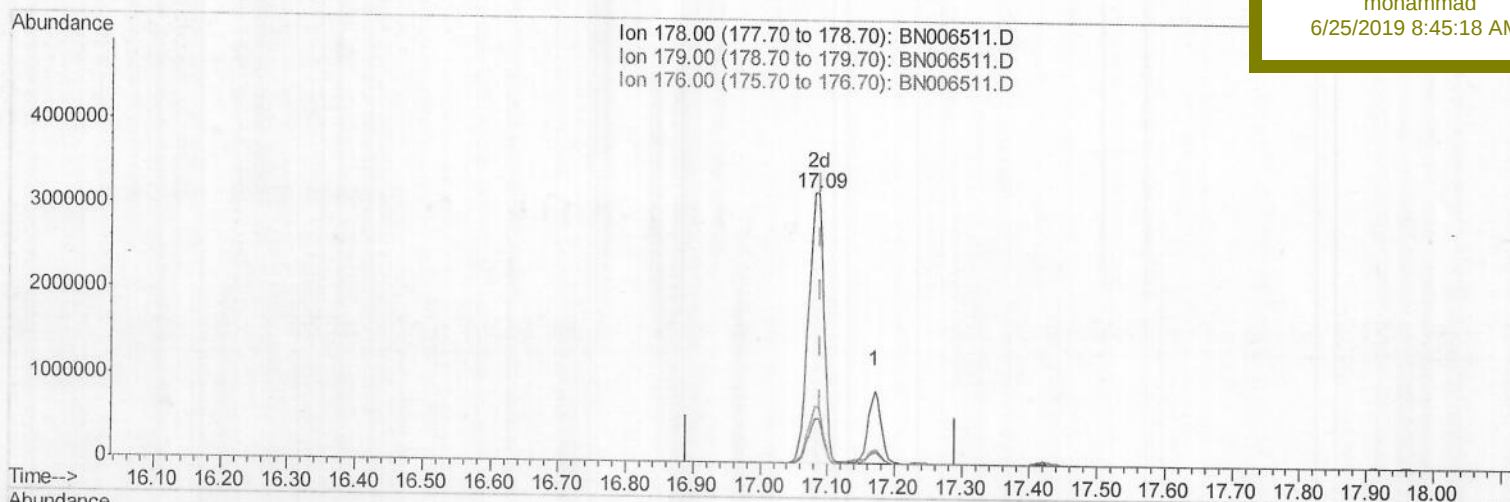
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4201

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:18 AM

(12) Phenanthrene

17.086min (-0.004) 69.99ng/ul m

> JU 06/26/19

response 4982622

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.39
176.00	19.10	20.33
0.00	0.00	0.00

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:21:32 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

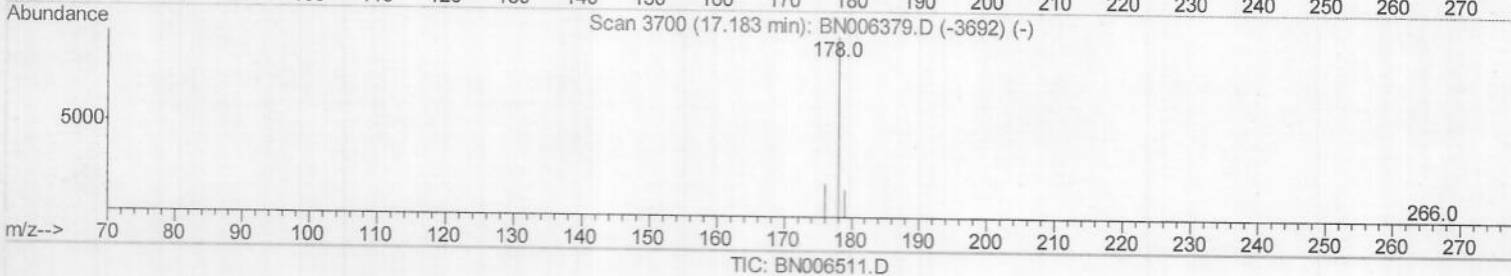
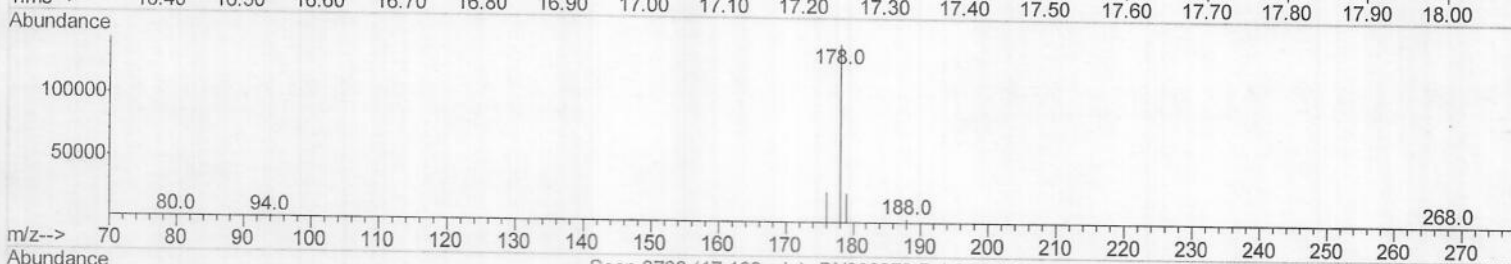
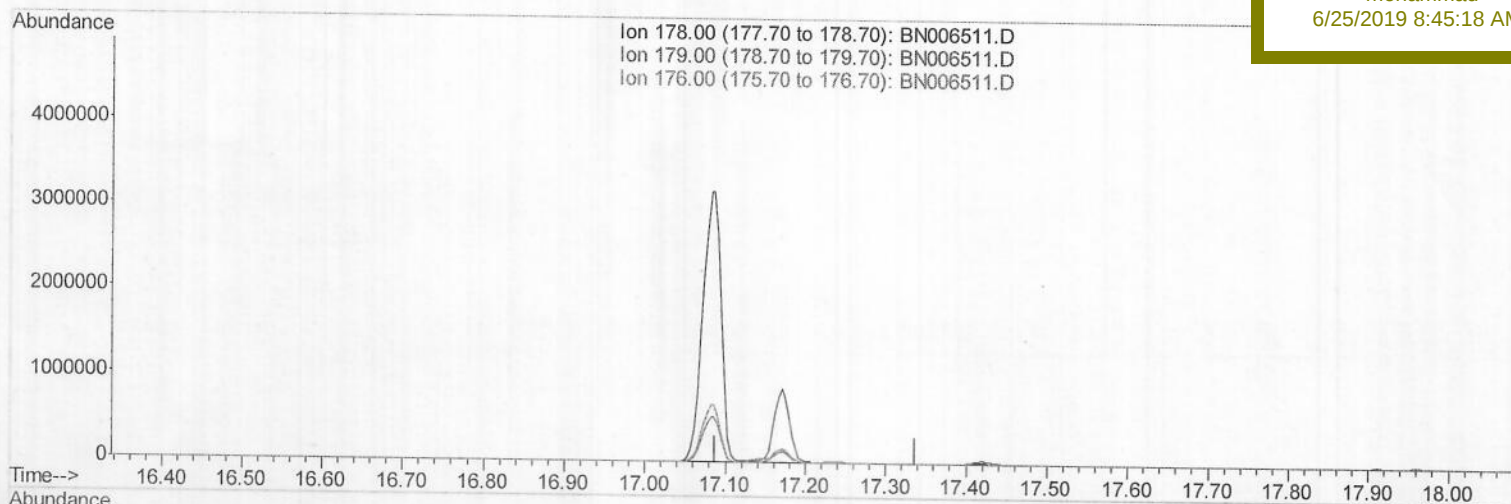
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4201

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:18 AM

(13) Anthracene

17.187min (-17.187) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:21:32 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 :

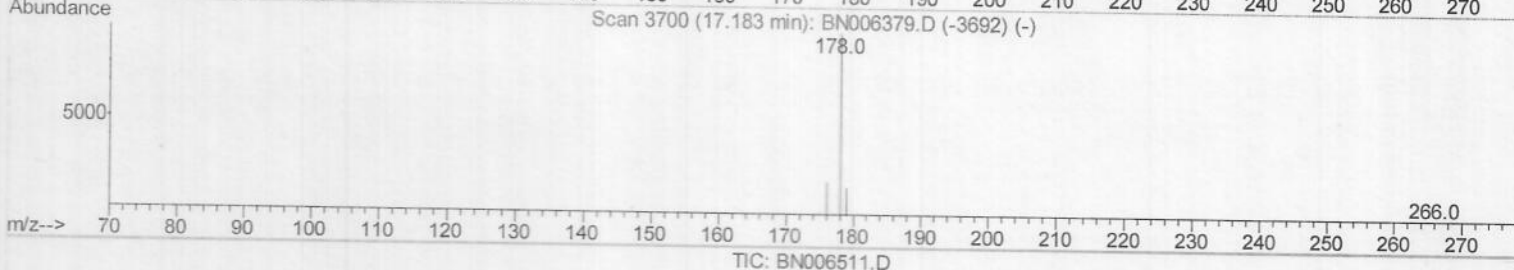
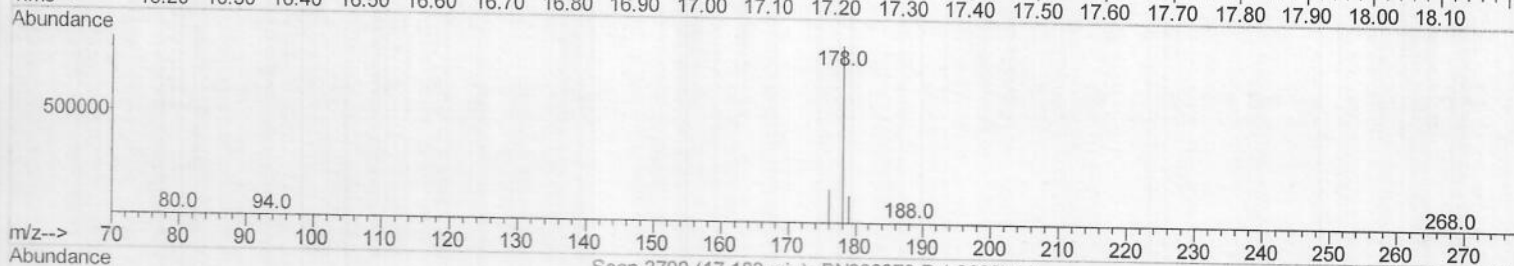
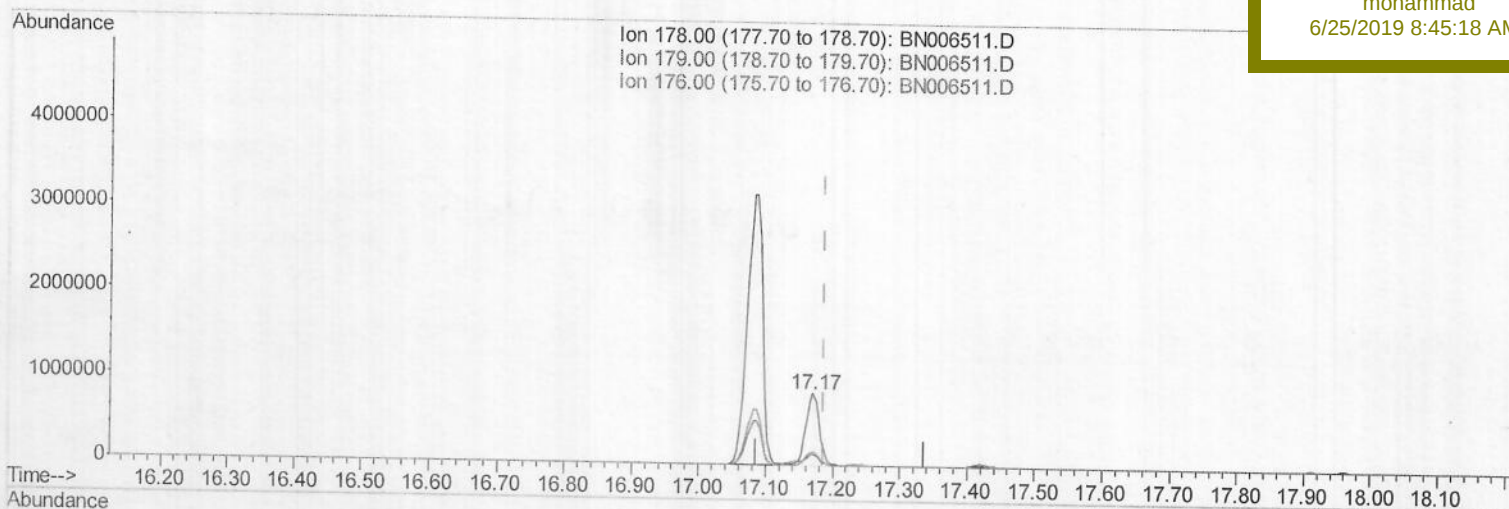
A4201

Manual Integrations

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6/25/2019 8:45:18 AM



(13) Anthracene

17.170min (-0.017) 17.24ng/ul m

response 1171895

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.66
176.00	18.90	18.97
0.00	0.00	0.00

> JU 06/26/19

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:21:32 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

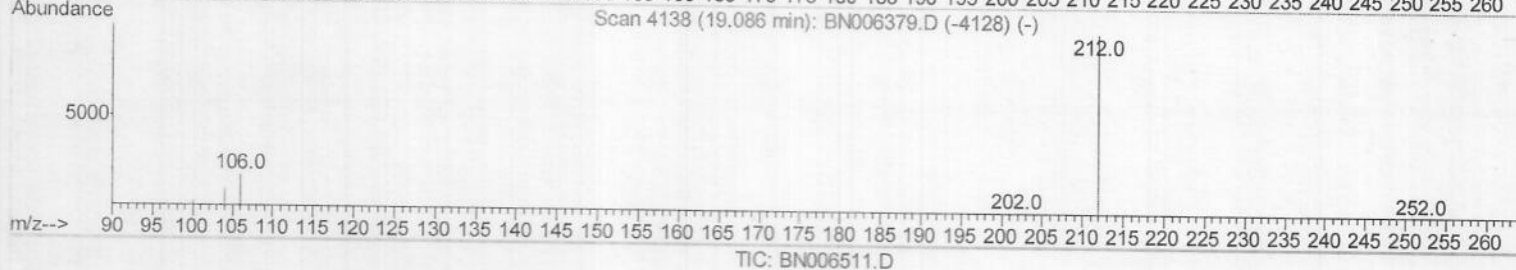
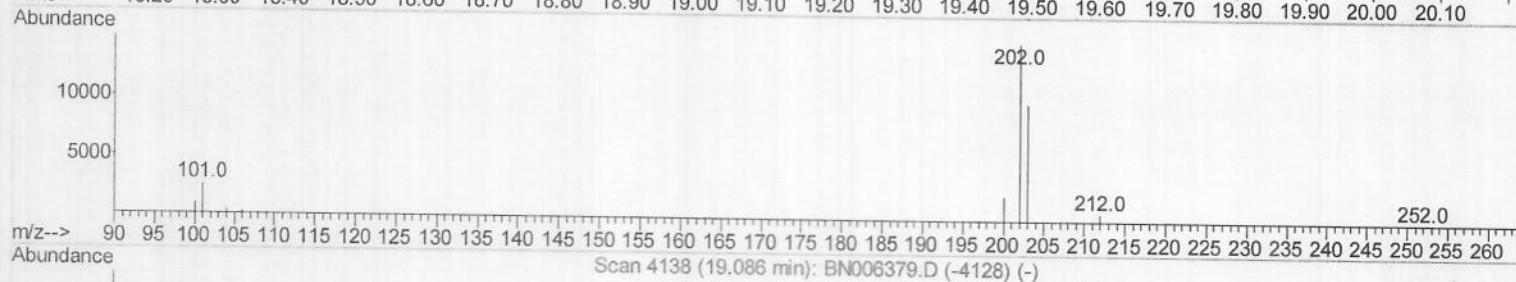
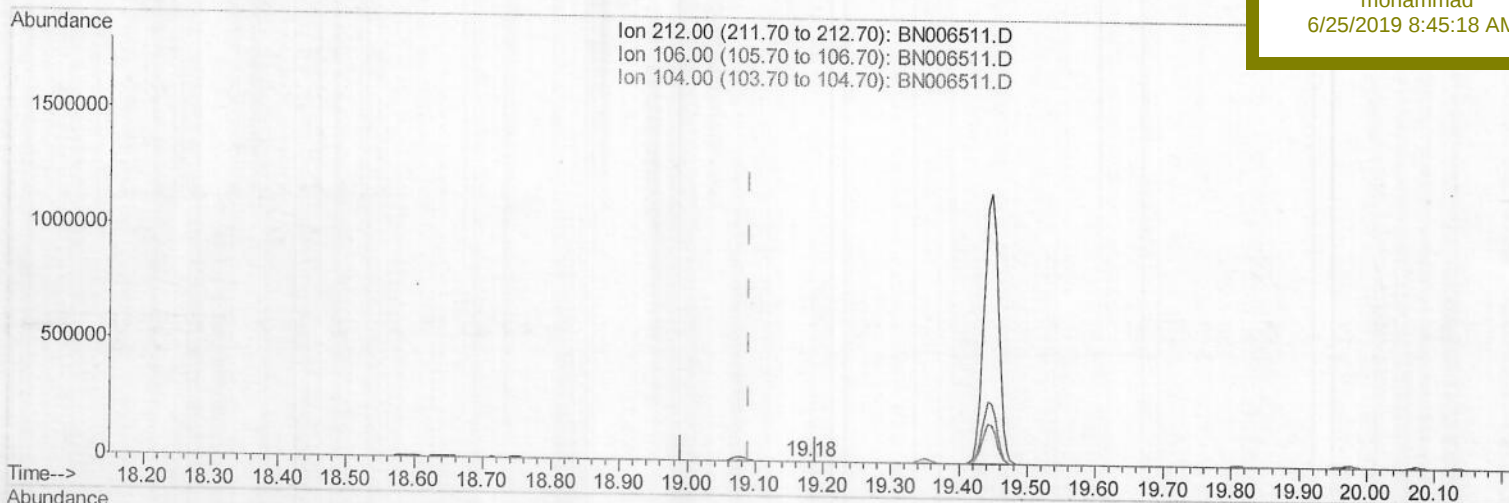
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4201

Manual Integrations
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6/25/2019 8:45:18 AM

(14) Fluoranthene-d10 (SURR)

19.178min (+0.088) 0.02ng/ul

response 960

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	22.92#
104.00	9.90	103.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

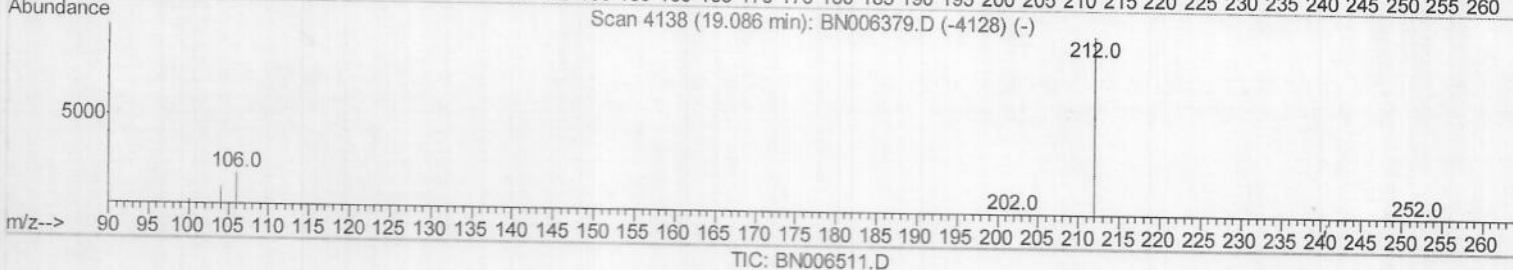
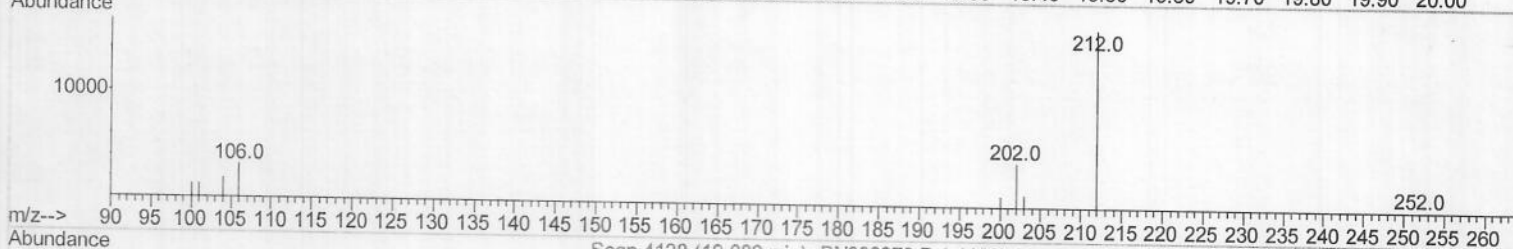
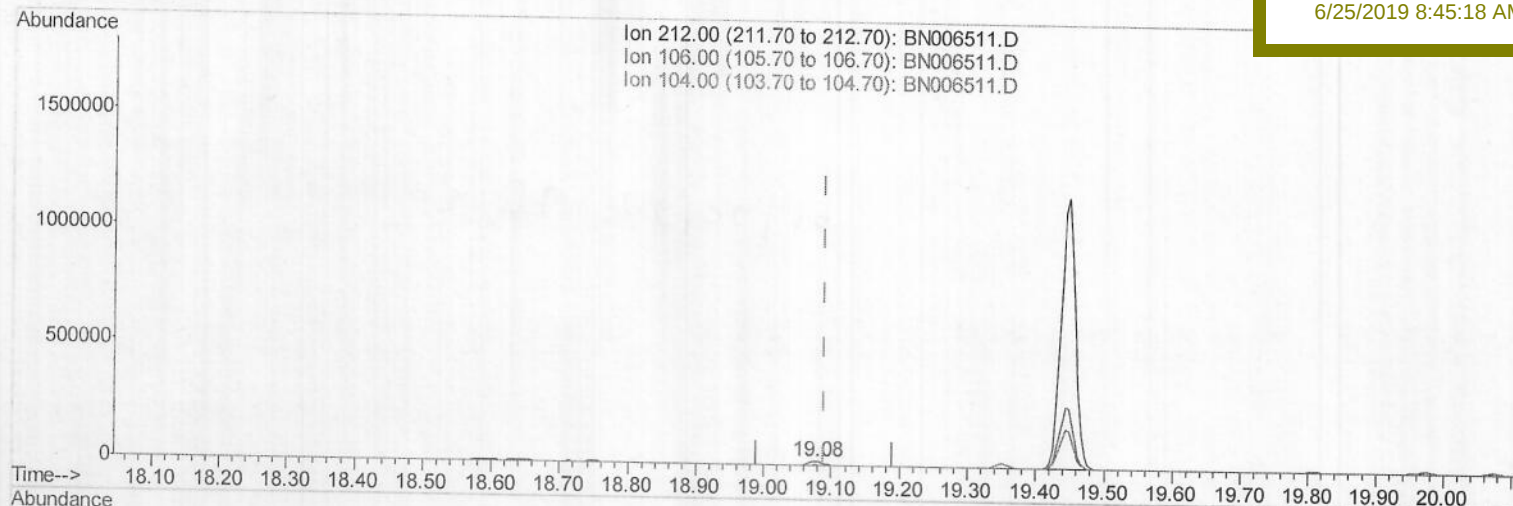
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\
 Data File : BN006511.D
 Acq On : 23 Jun 2019 05:36
 Operator : HP/JU
 Sample : K3360-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:21:32 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 :
 A4201

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:45:18 AM



(14) Fluoranthene-d10 (SURR)

19.076min (-0.014) 0.41ng/ul m

> JU 06/26/19

response 24488

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.90#
104.00	9.90	4.06#
0.00	0.00	0.00

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:21:32 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

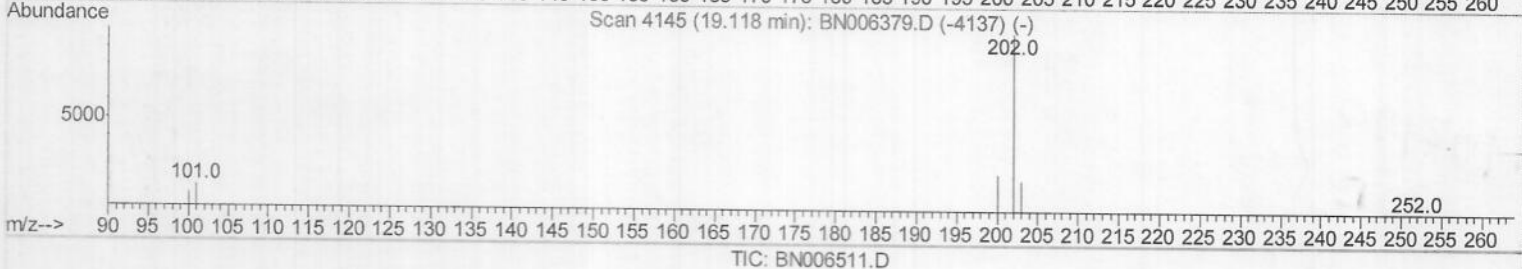
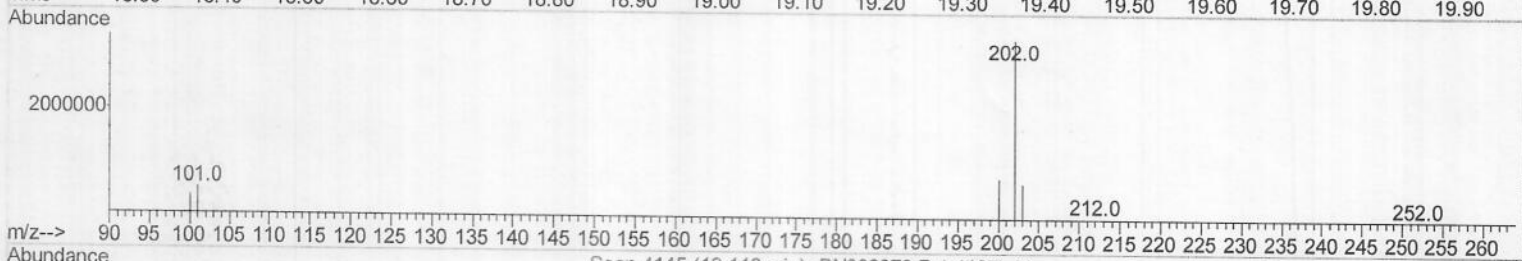
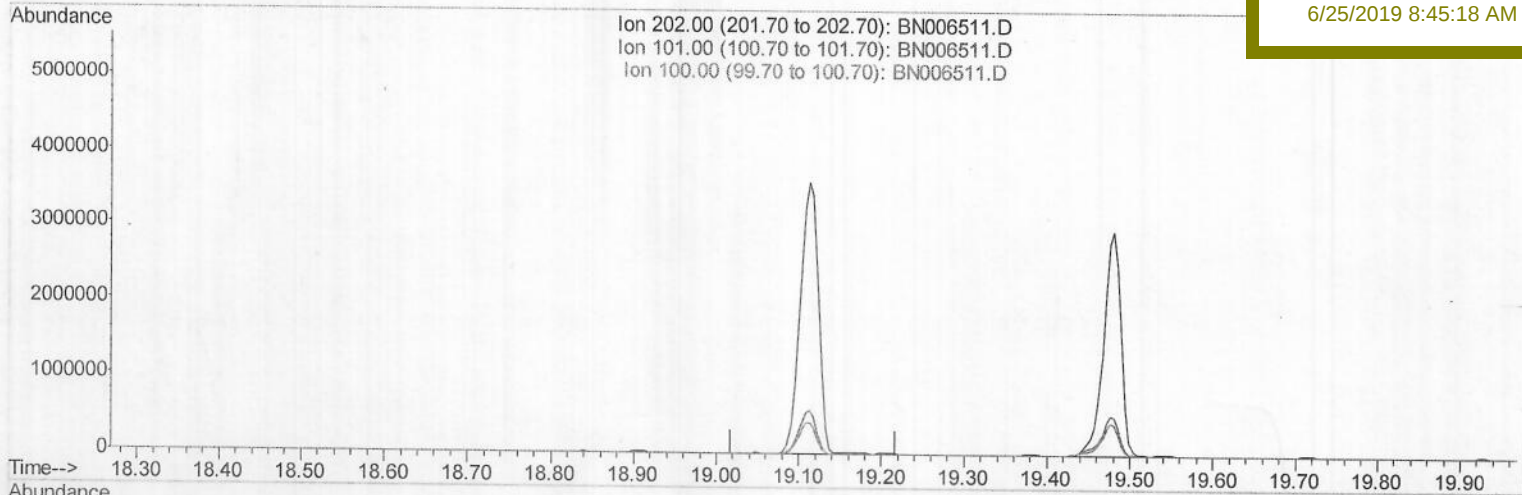
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4201

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:18 AM

(15) Fluoranthene (C)

19.118min (-19.118) 0.00ng/ul

response 0

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

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:21:32 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

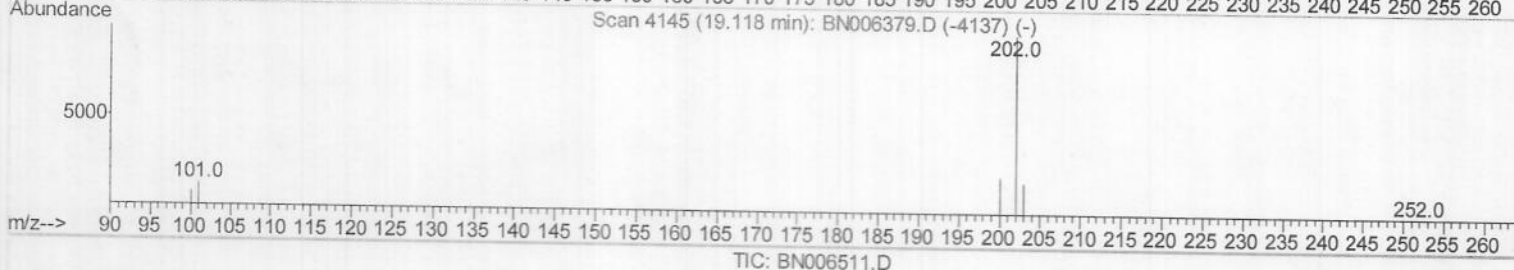
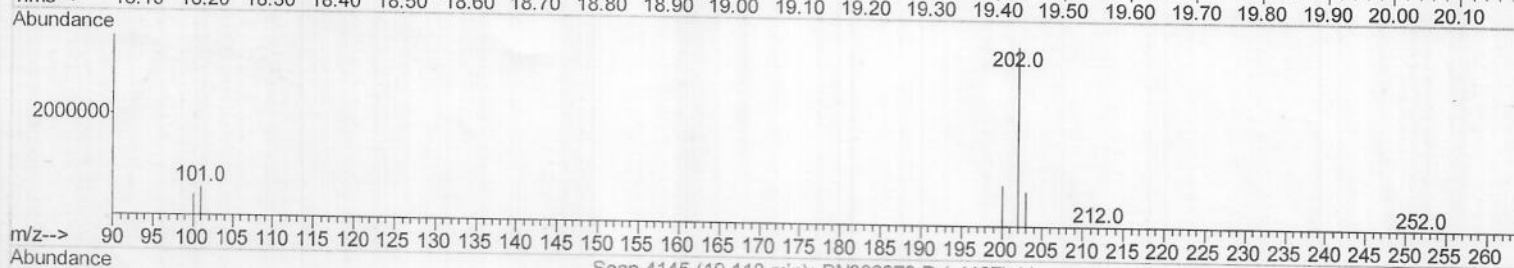
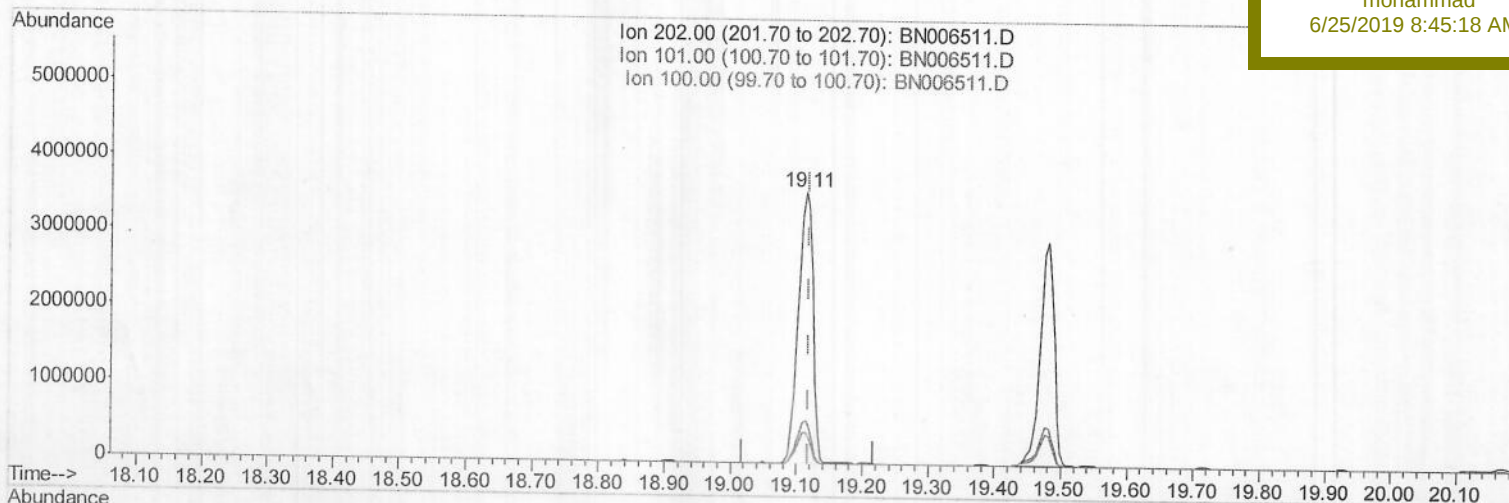
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4201

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:18 AM

(15) Fluoranthene (C)

19.113min (-0.005) 70.30ng/ul m

7 JU 06/26/19

response 5525805

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	15.71
100.00	8.70	11.61
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:21:32 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 :

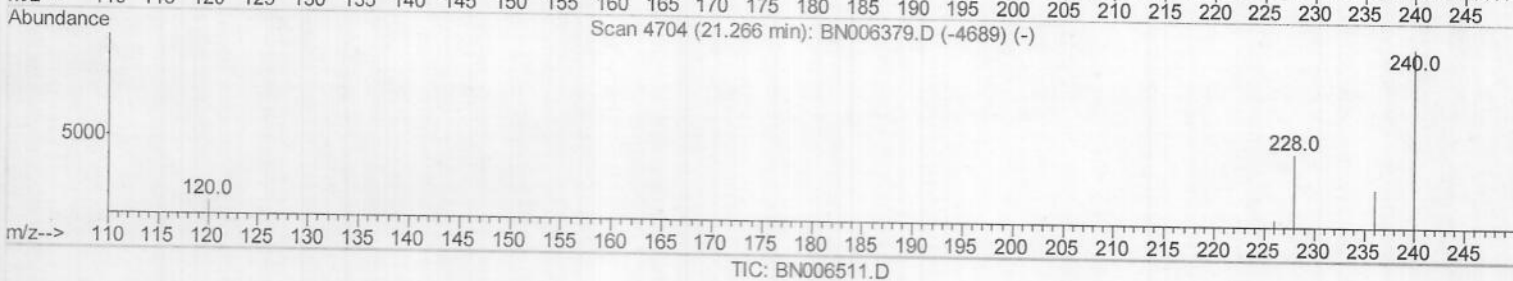
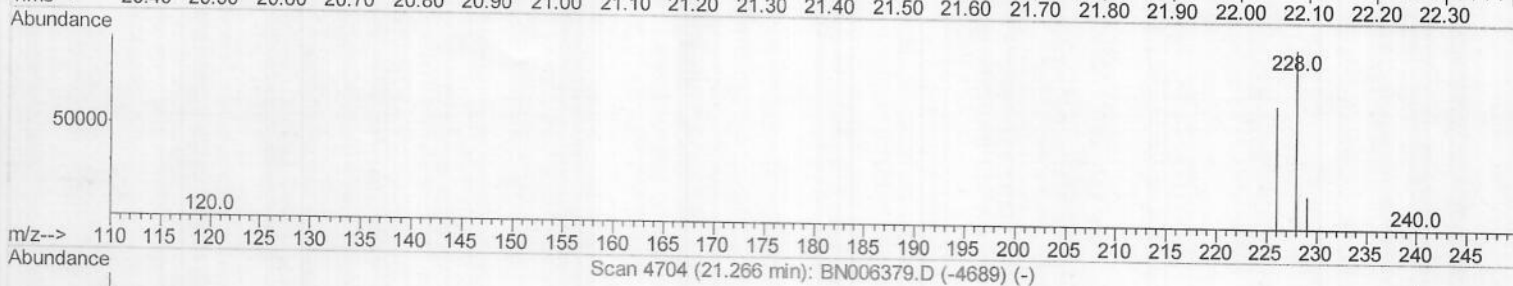
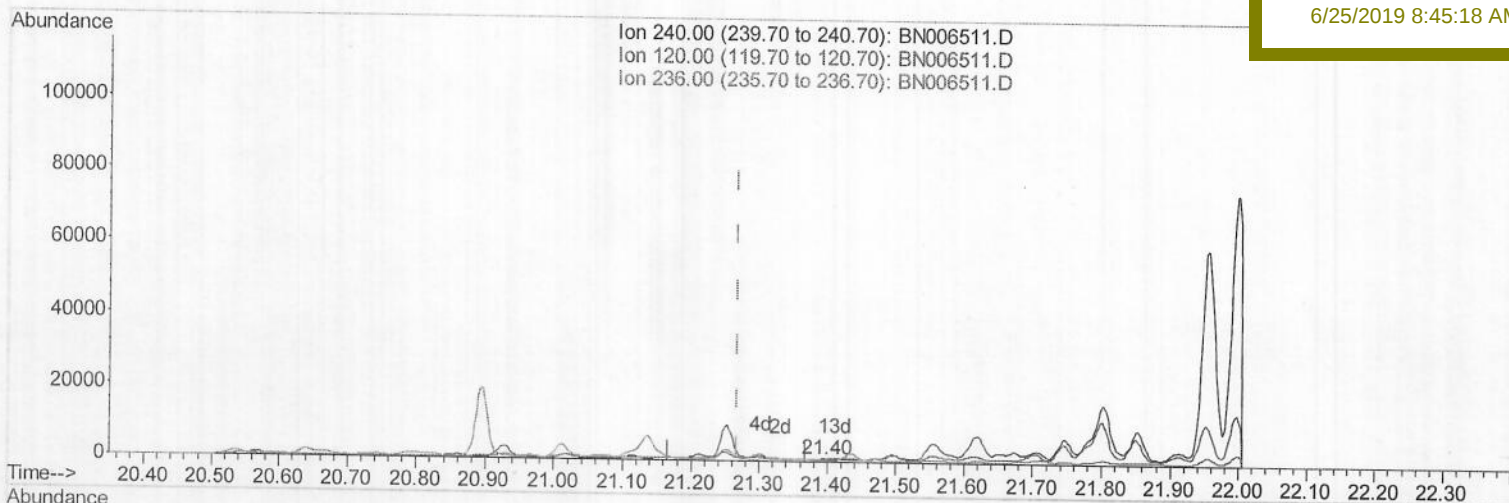
A4201

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:18 AM



(16) Chrysene-d12 (I)

21.395min (+0.127) 0.40ng/ul

response 661

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	86.55#
236.00	30.10	41.49#
0.00	0.00	0.00

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

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Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:21:32 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

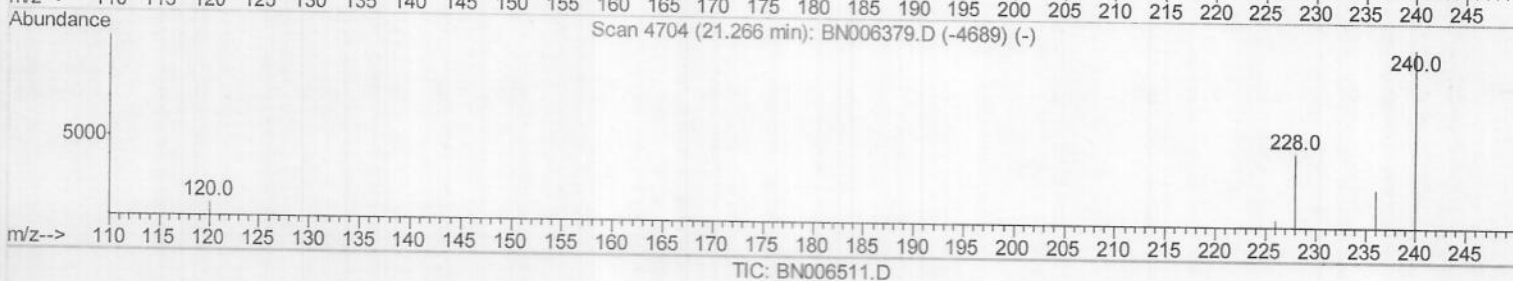
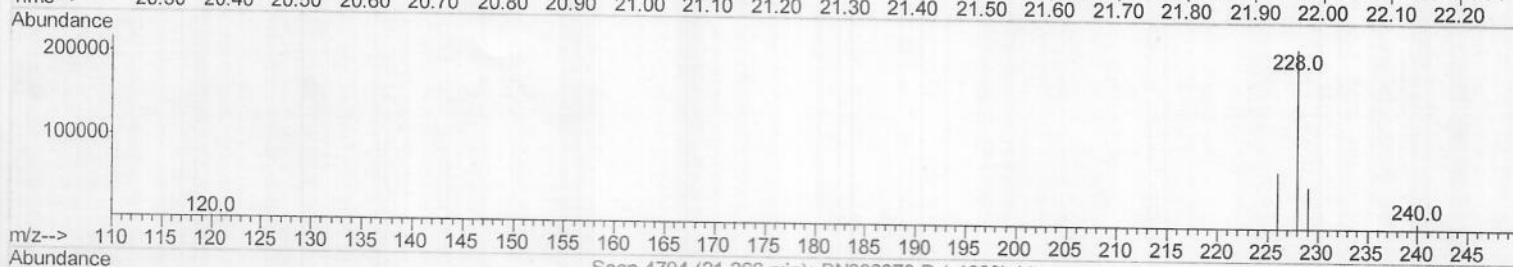
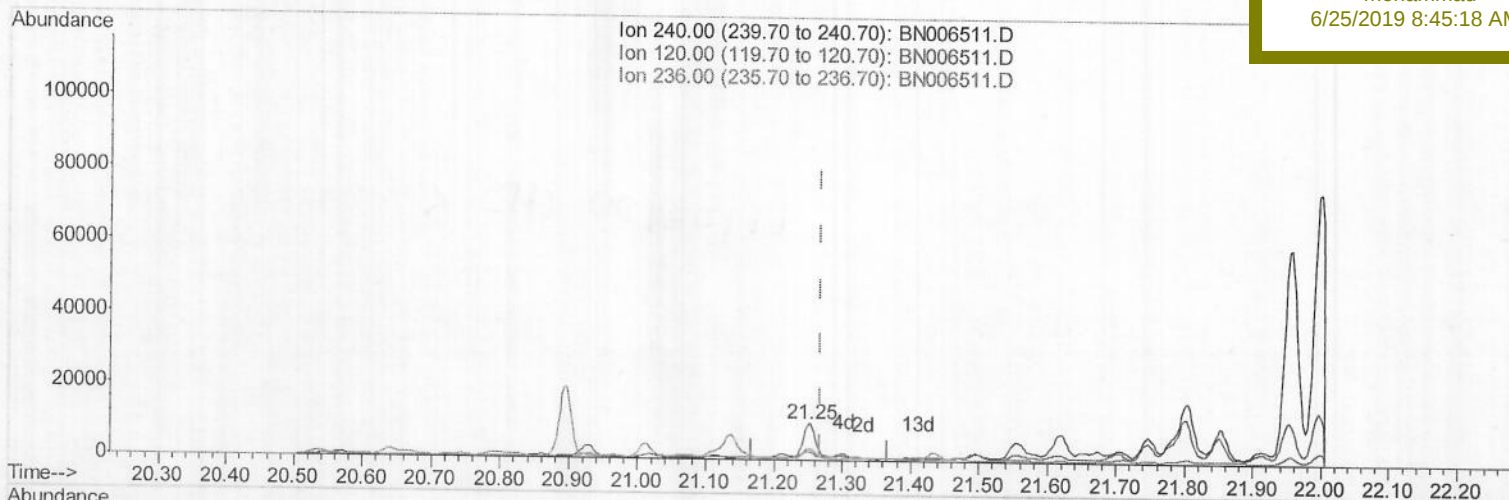
Response via : Initial Calibration

Instrument :

BNA_N

Client Sample Id :

A4201

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:18 AM

(16) Chrysene-d12 (I)

21.252min (-0.016) 0.40ng/ul m

> JU 06/26/19

response 12248

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	22.55
236.00	30.10	31.17
0.00	0.00	0.00

Quantitation Report (Qedit)

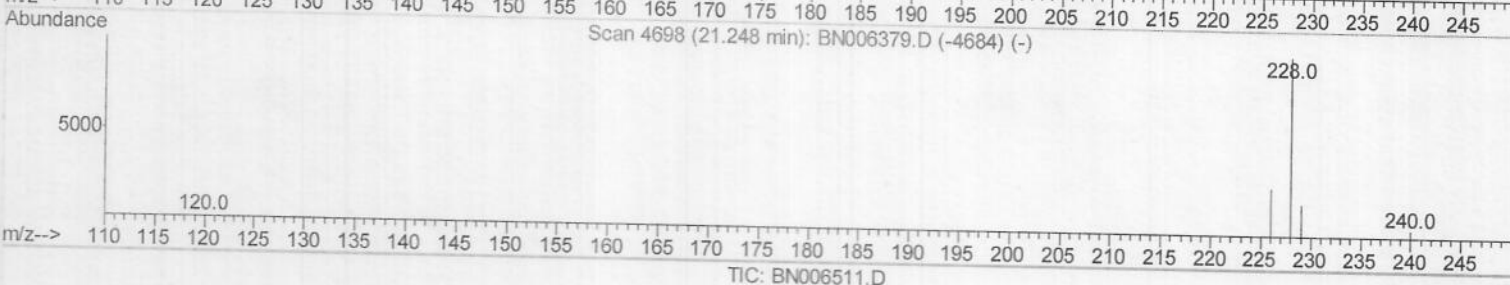
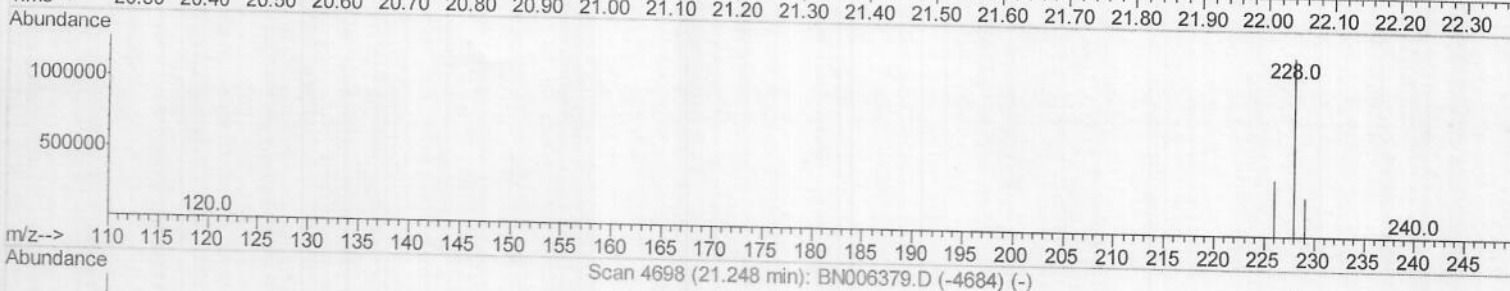
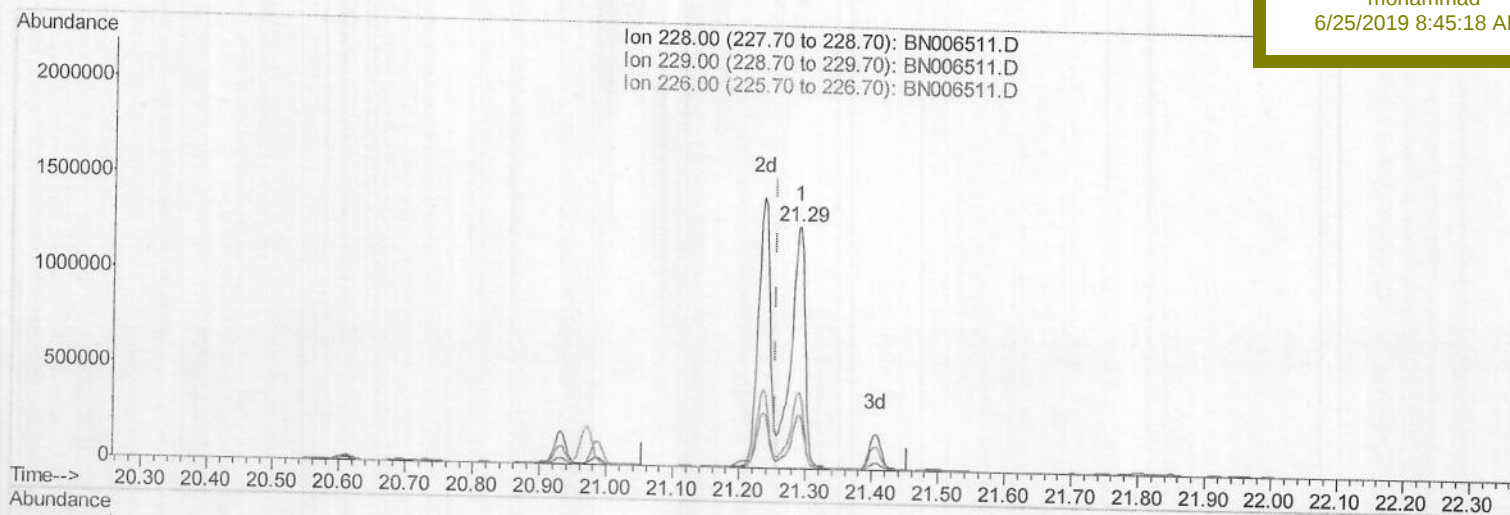
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\
 Data File : BN006511.D
 Acq On : 23 Jun 2019 05:36
 Operator : HP/JU
 Sample : K3360-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:05 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
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Instrument :
 BNA_N
 ClientSampleId :
 A4201

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:45:18 AM



(18) Benzo(a)anthracene

21.290min (+0.037) 34.54ng/ui

response 1870828

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	22.14
226.00	28.50	31.35
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:05 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 :

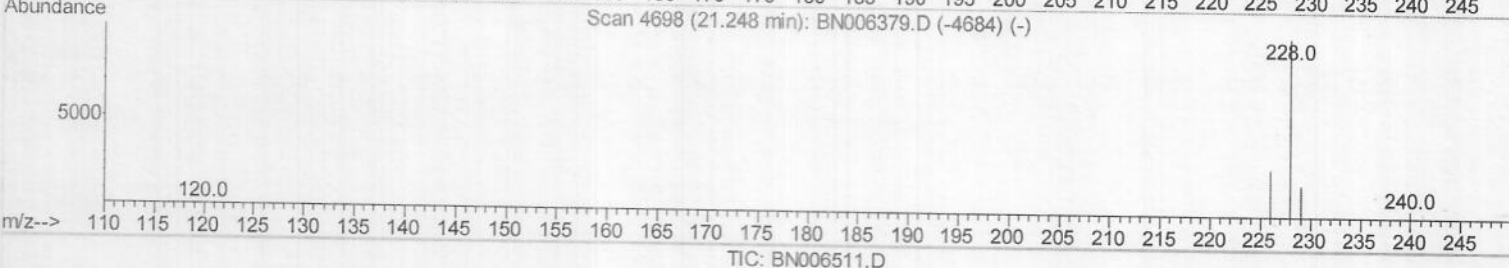
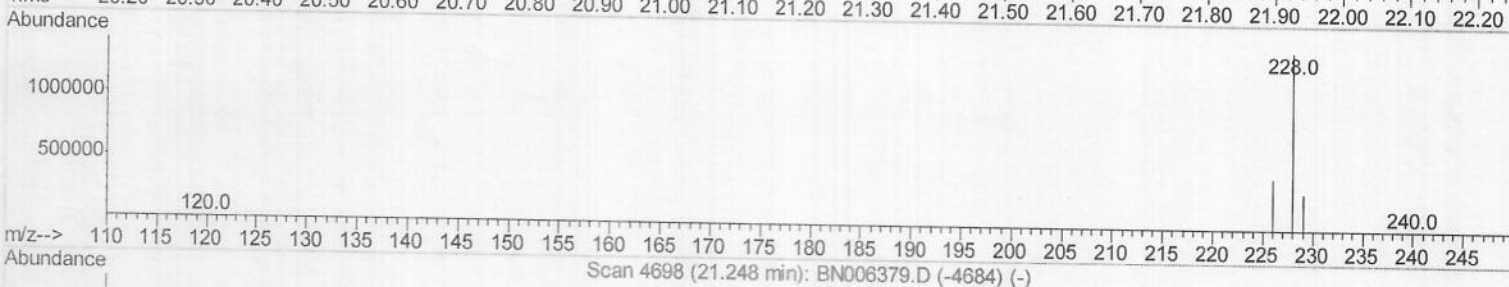
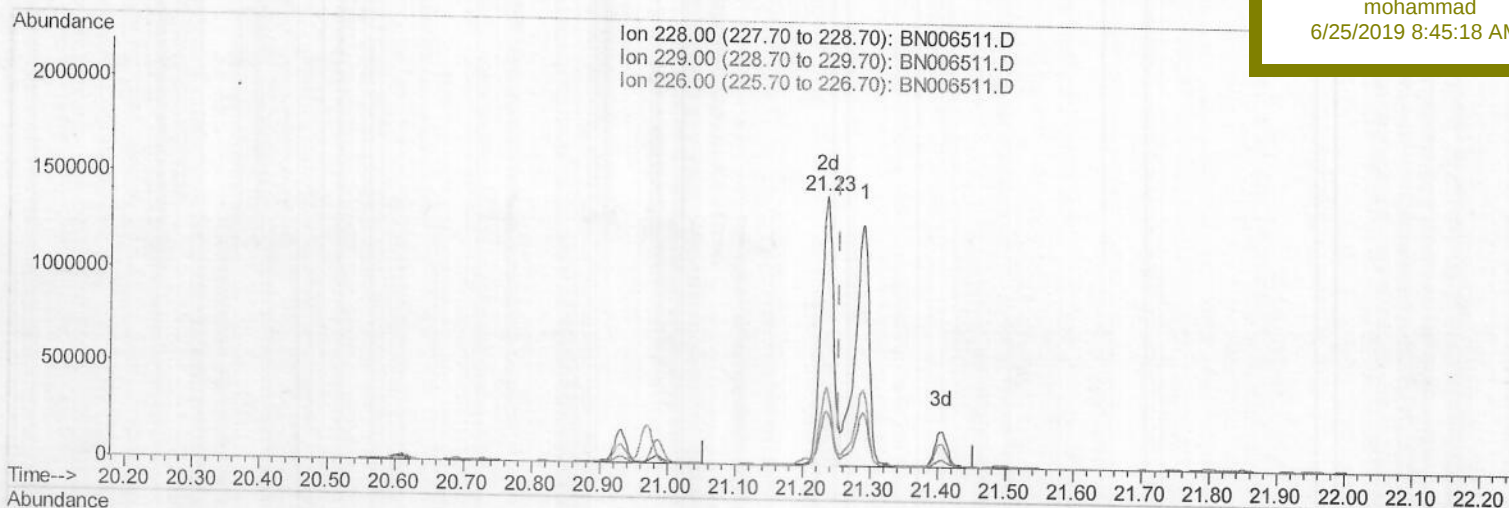
A4201

Manual Integrations

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mohammad

6/25/2019 8:45:18 AM



(18) Benzo(a)anthracene

21.235min (-0.019) 33.24ng/ul m

response 1800824

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	20.56
226.00	28.50	29.12
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 : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:05 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 :

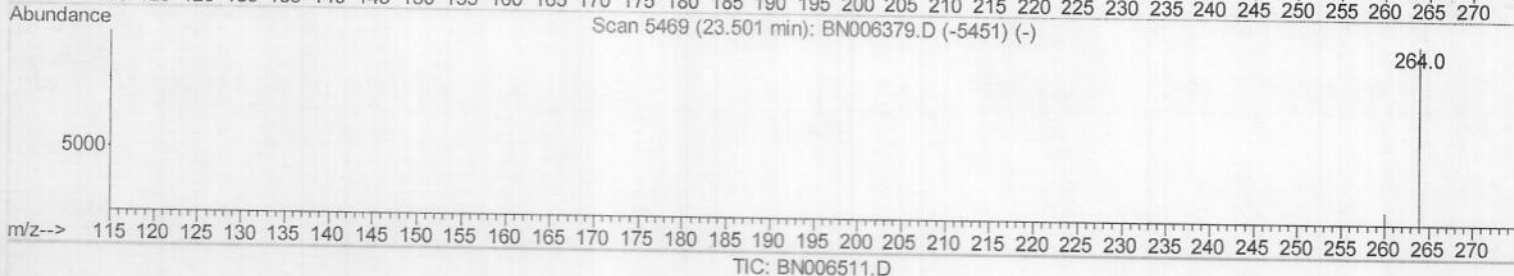
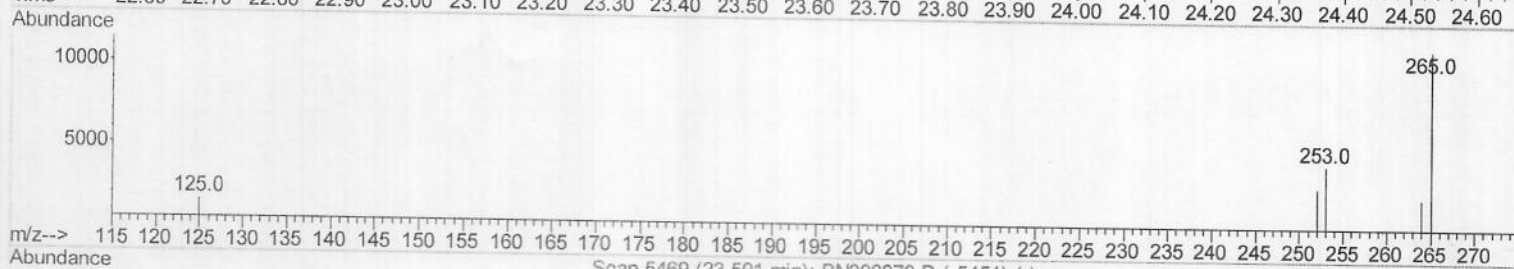
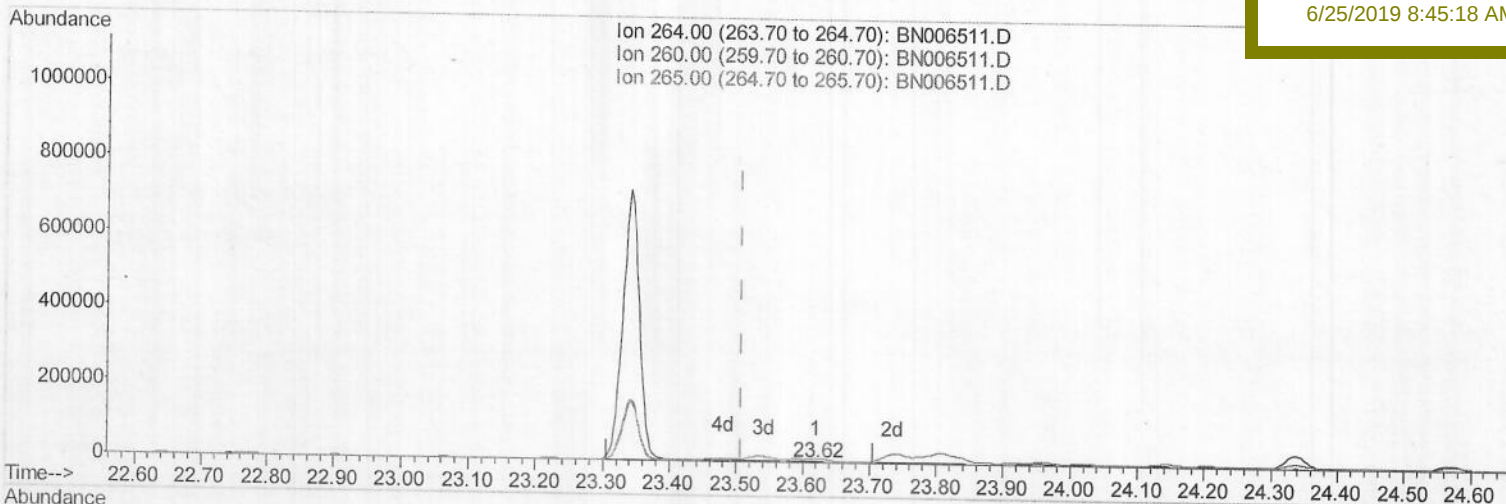
BNA_N

ClientSampleId :

A4201

Manual Integrations
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mohammad
6/25/2019 8:45:18 AM



(20) Perylene-d12 (I)

23.620min (+0.113) 0.40ng/ul

response 5112

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	21.84#
265.00	44.70	486.19#
0.00	0.00	0.00

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:05 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

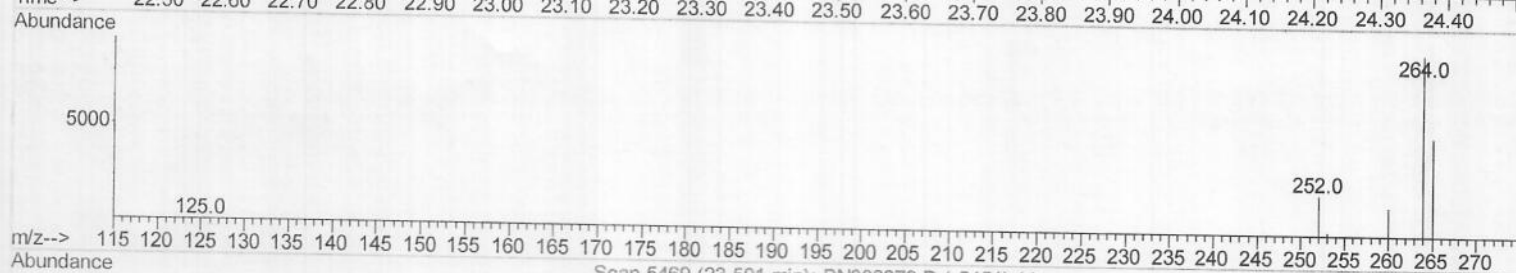
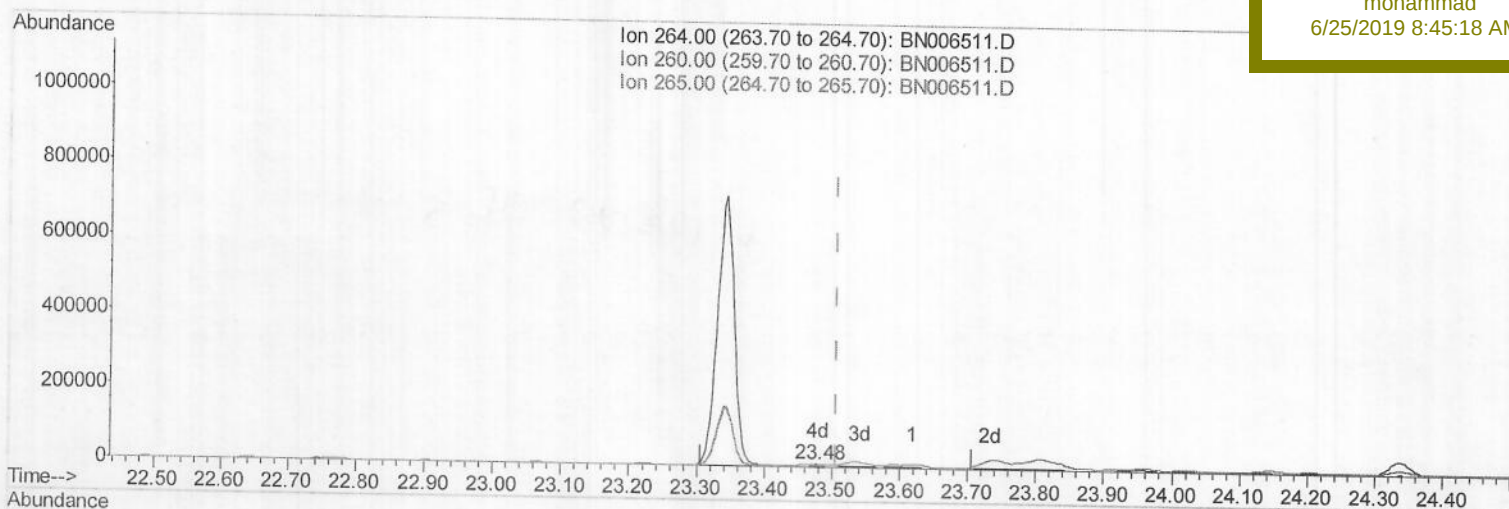
Response via : Initial Calibration

Instrument :

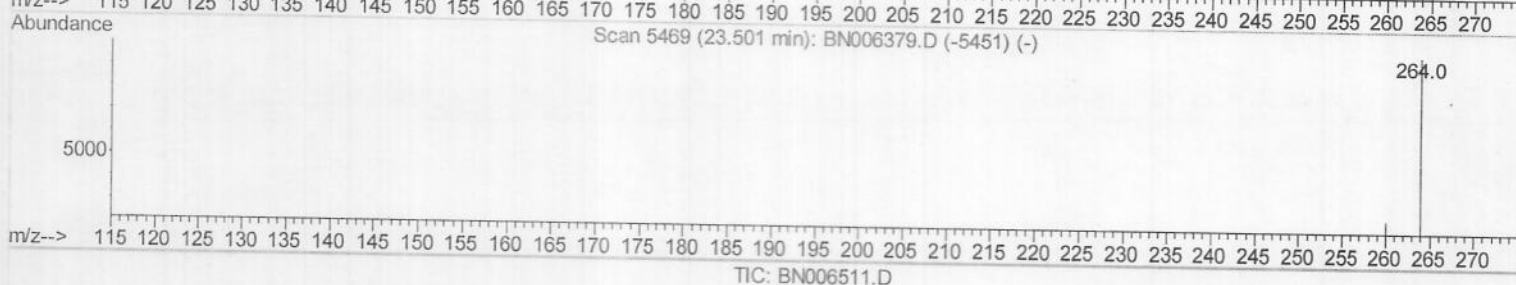
BNA_N

ClientSampleId :

A4201

Manual Integrations
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6/25/2019 8:45:18 AM

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



(20) Perylene-d12 (I)

23.479min (-0.028) 0.40ng/ul m

8 JU 06/26/19

response 11604

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	29.32
265.00	44.70	61.87#
0.00	0.00	0.00

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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

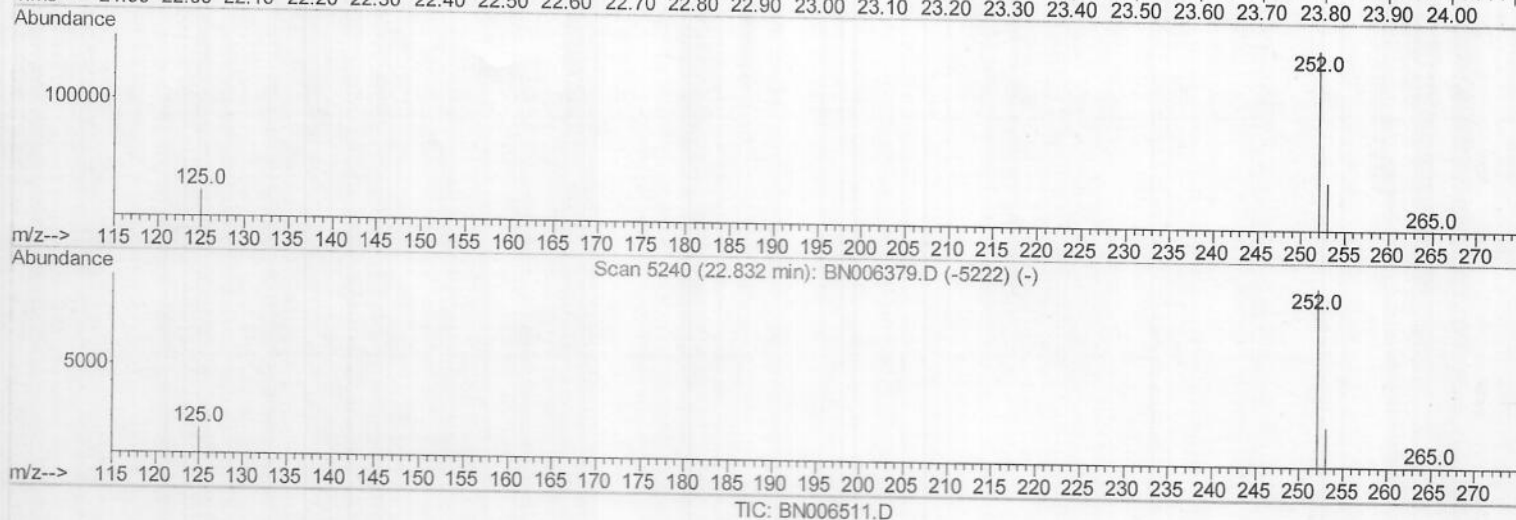
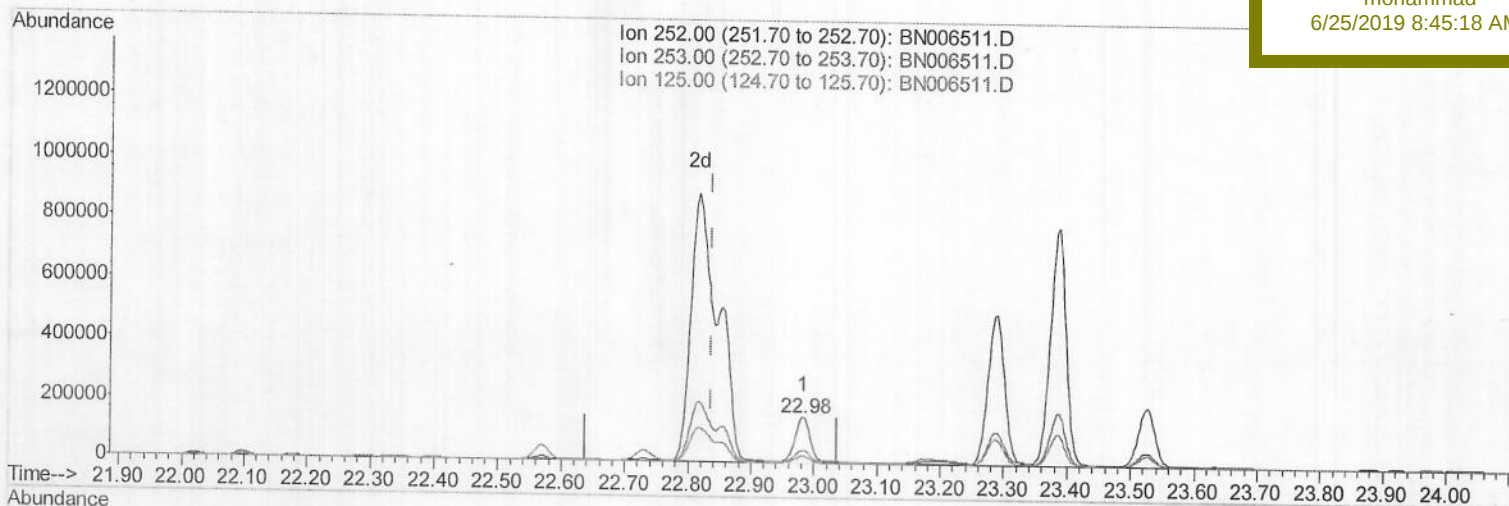
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4201

Manual Integrations
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6/25/2019 8:45:18 AM

(21) Benzo(b)fluoranthene

22.982min (+0.145) 5.28ng/ul

response 255364

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	26.63
125.00	20.50	15.01
0.00	0.00	0.00

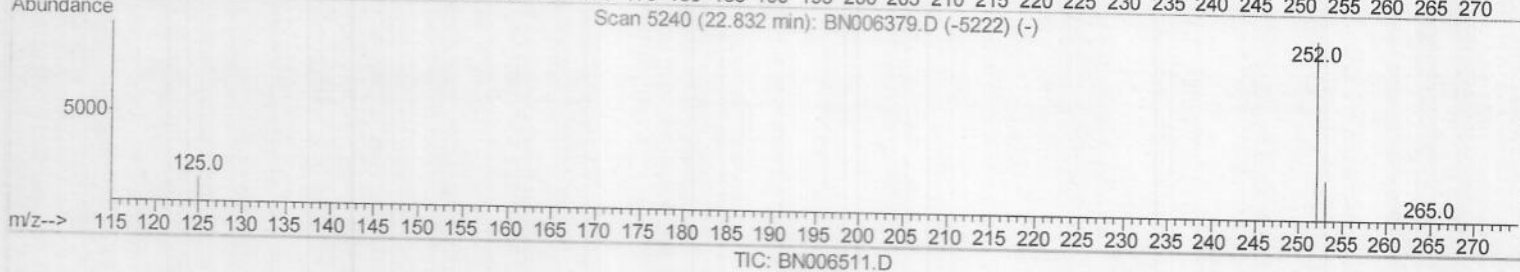
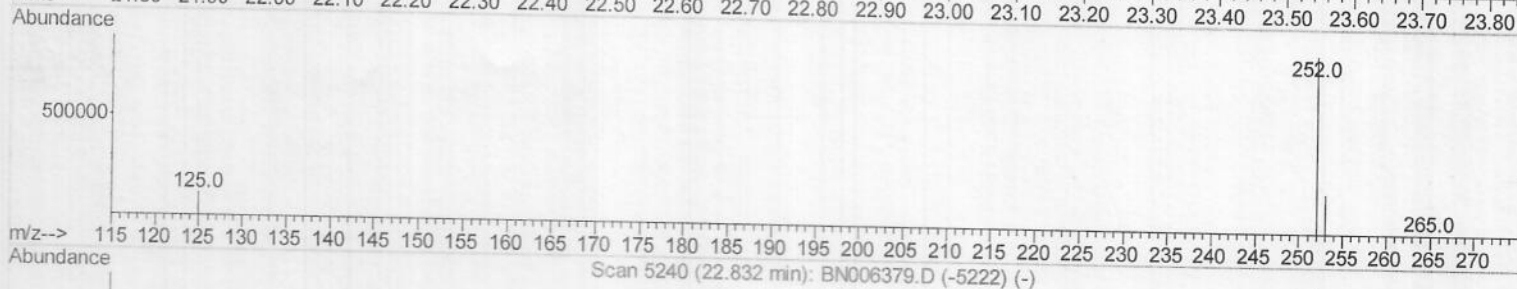
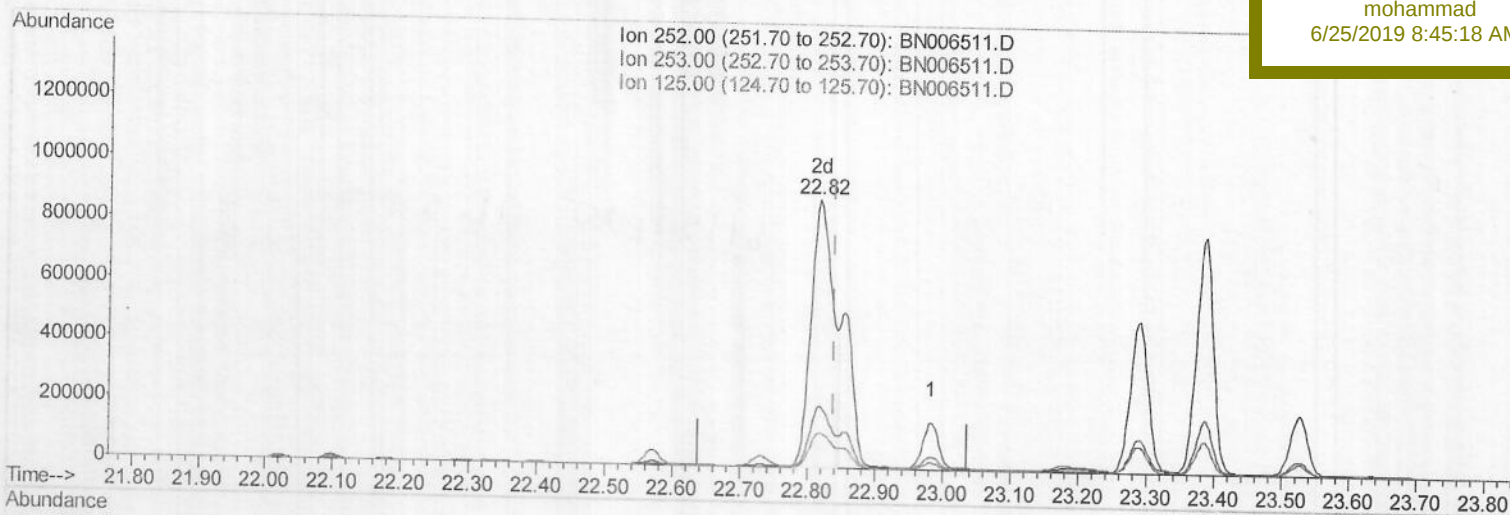
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\
Data File : BN006511.D
Acq On : 23 Jun 2019 05:36
Operator : HP/JU
Sample : K3360-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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 :
A4201

Manual Integrations
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6/25/2019 8:45:18 AM



(21) Benzo(b)fluoranthene

22.816min (-0.022) 41.22ng/ul m > JU 06/26/19

response 1994616

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	22.71
125.00	20.50	12.79
0.00	0.00	0.00

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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

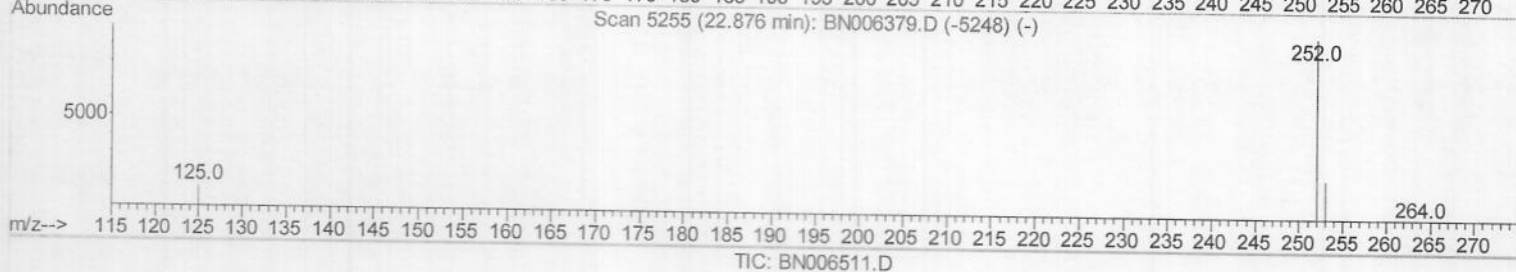
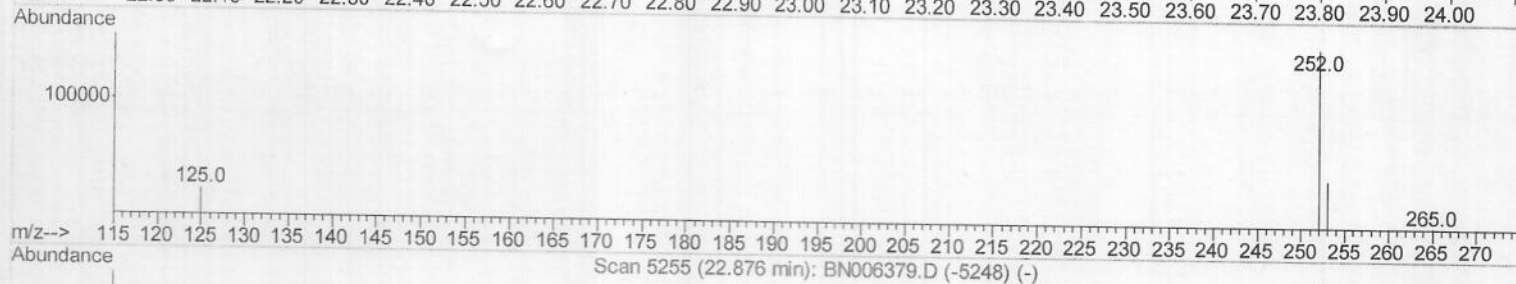
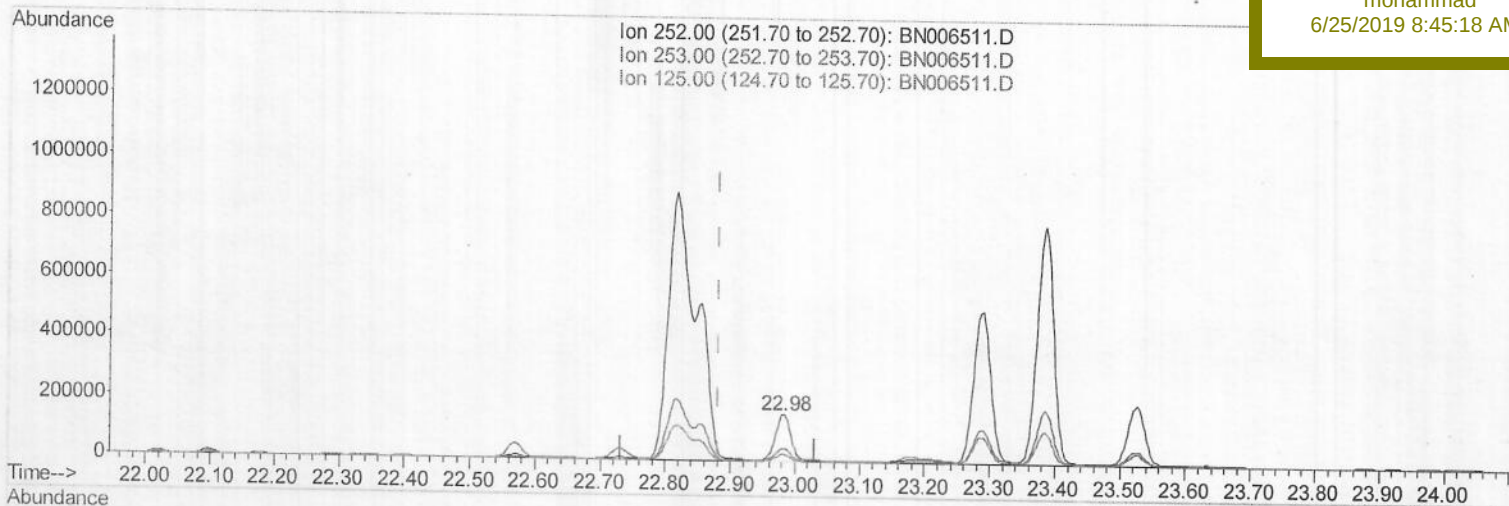
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4201

Manual Integrations
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6/25/2019 8:45:18 AM

(22) Benzo(k)fluoranthene

22.982min (+0.101) 5.42ng/ul

response 255339

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	26.63
125.00	17.90	15.01
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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 :

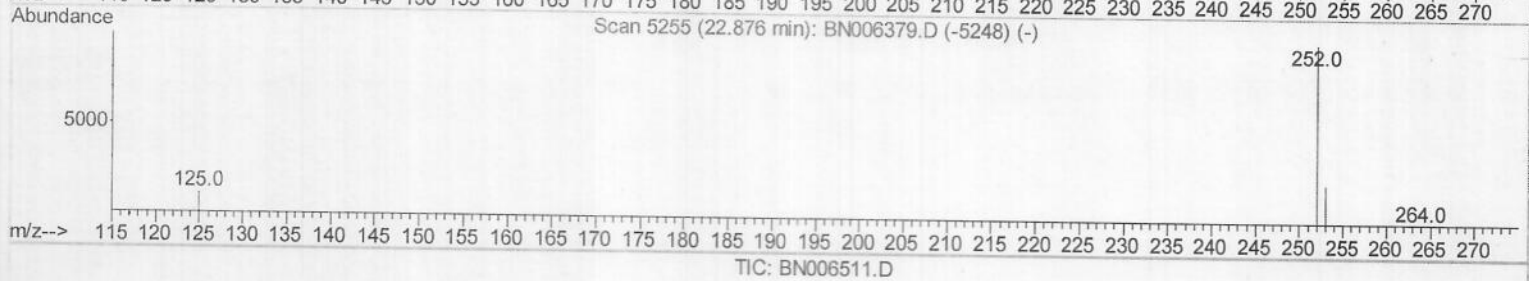
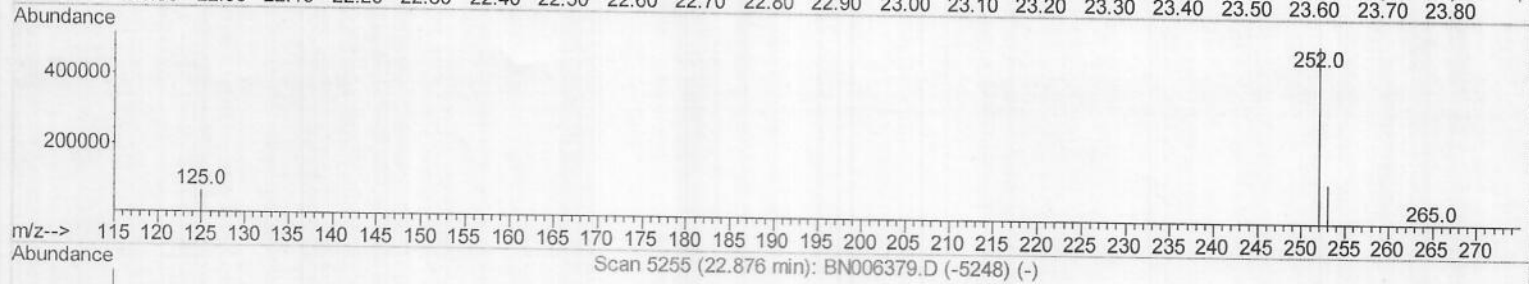
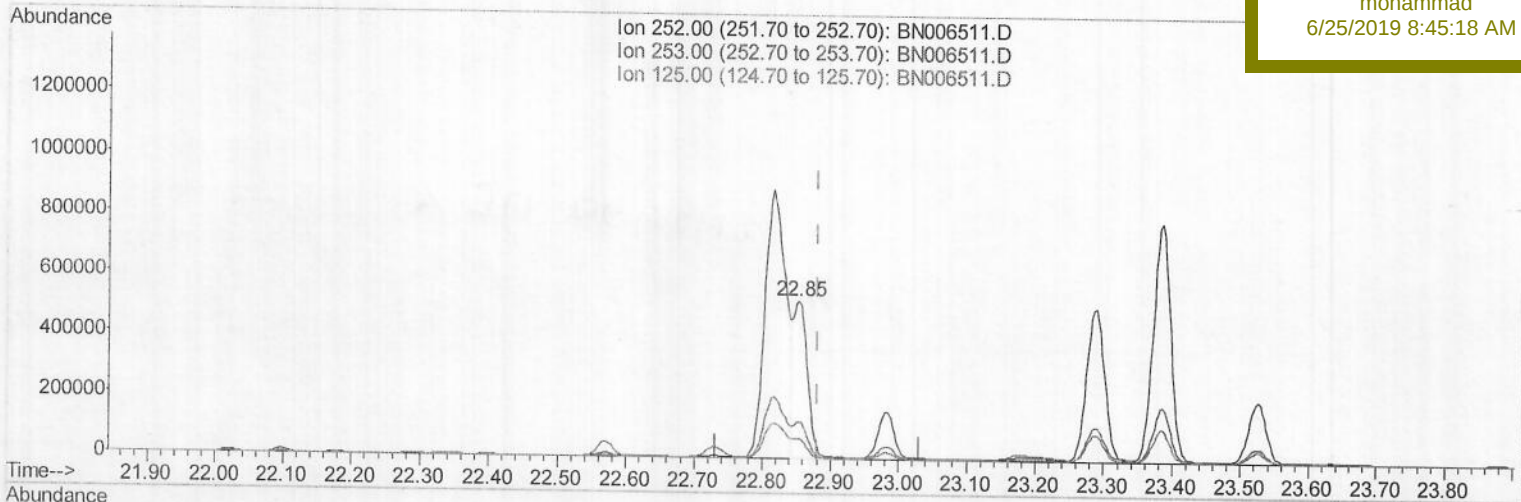
A4201

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(22) Benzo(k)fluoranthene

22.854min (-0.028) 16.14ng/ul m

7 JU 06/26/19

response 760623

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	22.97
125.00	17.90	12.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\
 Data File : BN006511.D
 Acq On : 23 Jun 2019 05:36
 Operator : HP/JU
 Sample : K3360-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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 :

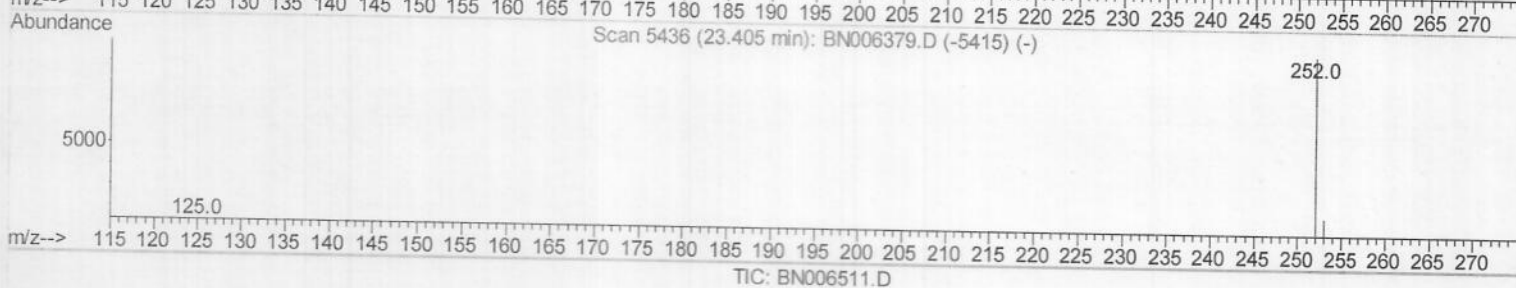
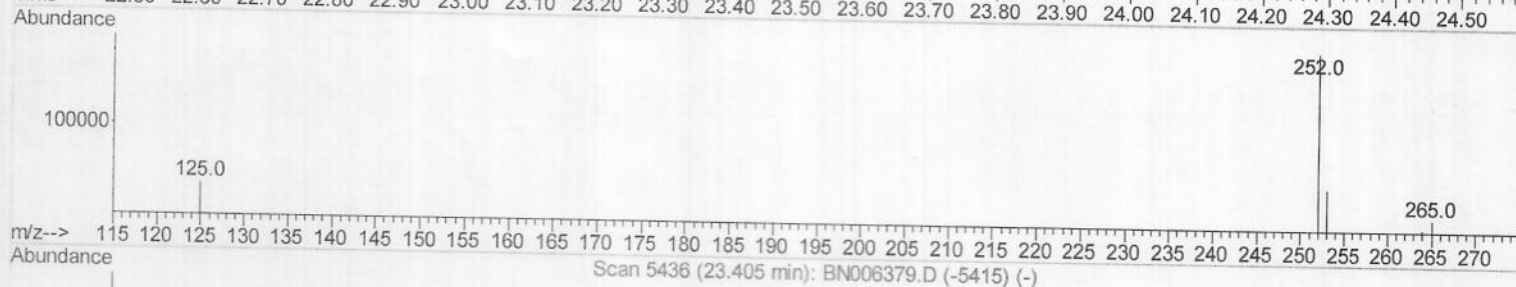
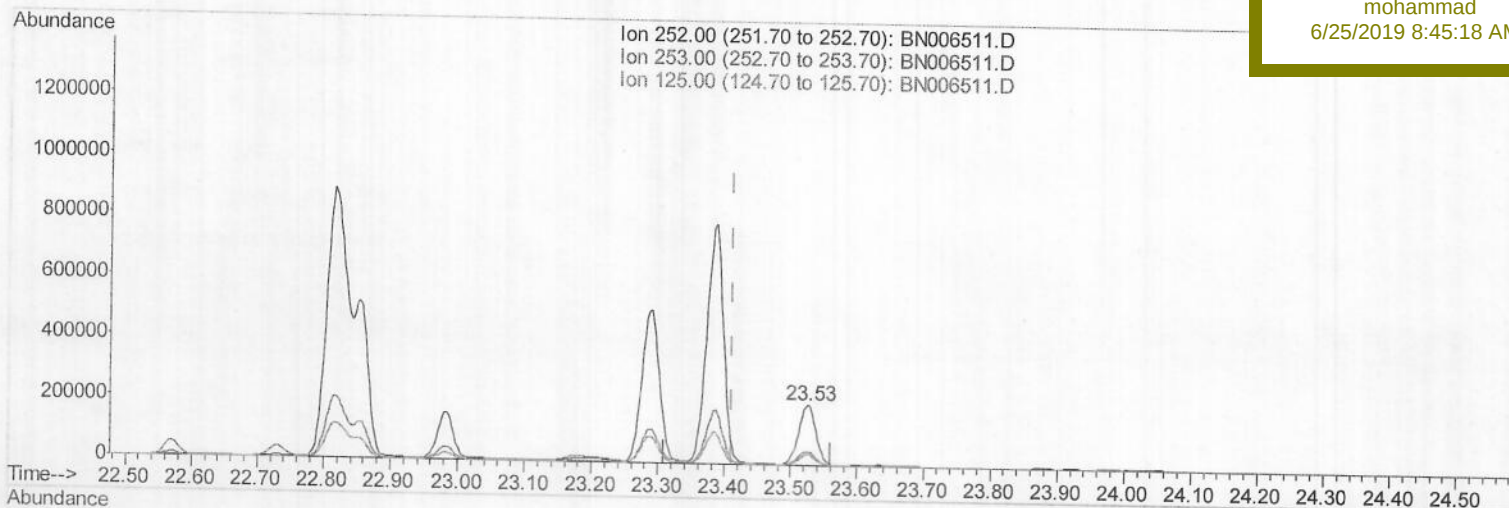
A4201

Manual Integrations

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(23) Benzo(a)pyrene (C)

23.526min (+0.116) 7.83ng/ul

response 353007

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	23.58
125.00	25.40	18.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

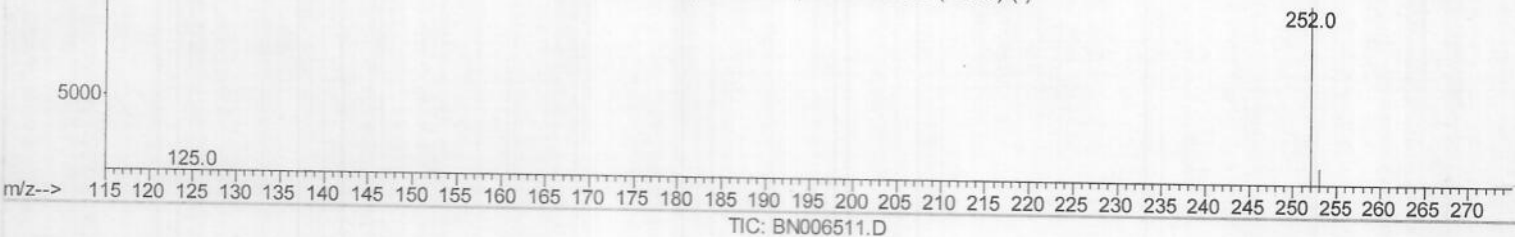
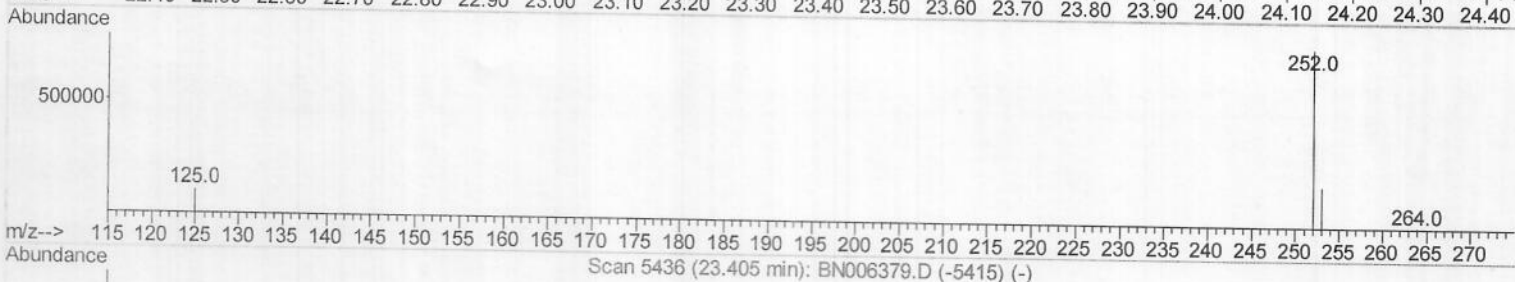
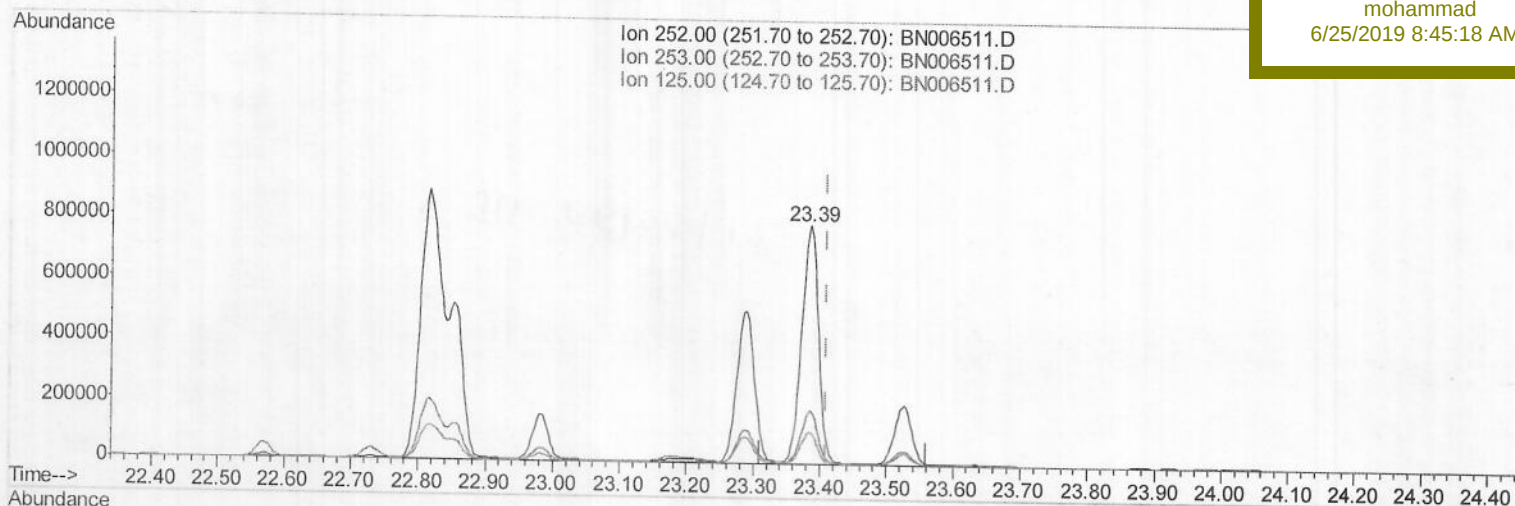
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\
 Data File : BN006511.D
 Acq On : 23 Jun 2019 05:36
 Operator : HP/JU
 Sample : K3360-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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 :
 A4201

Manual Integrations
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(23) Benzo(a)pyrene (C)

23.386min (-0.025) 30.41ng/ul m

7 JU 06/26/19

response 1370593

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	22.50
125.00	25.40	13.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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 :

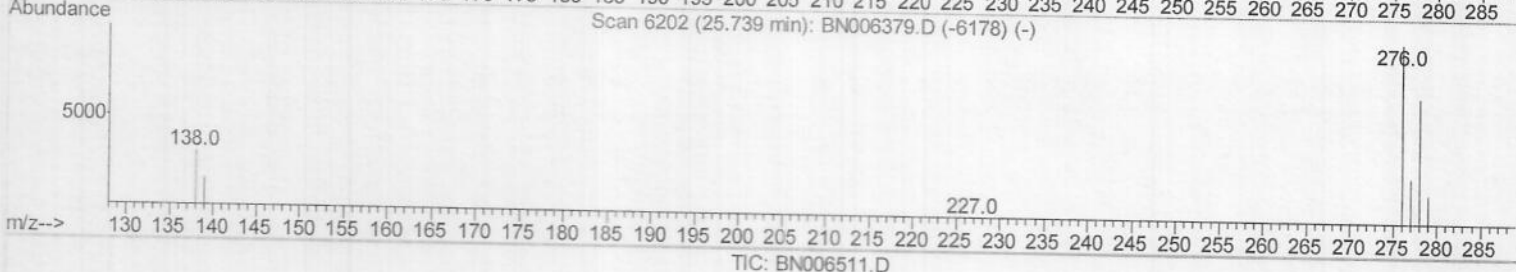
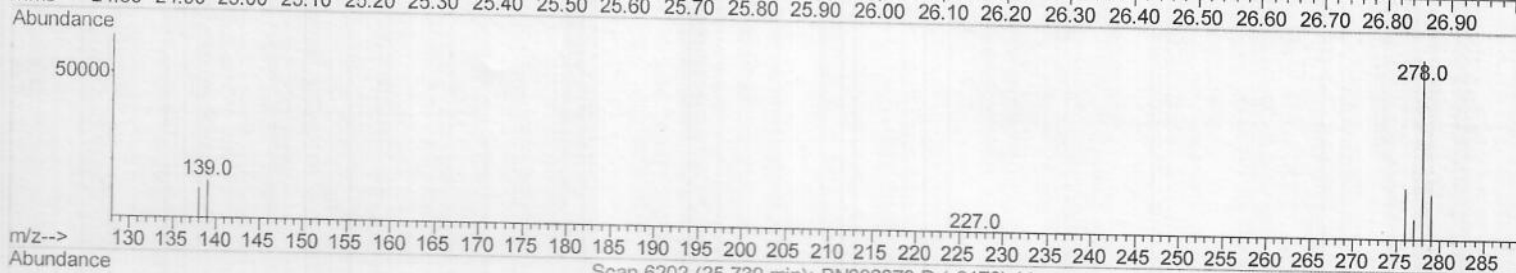
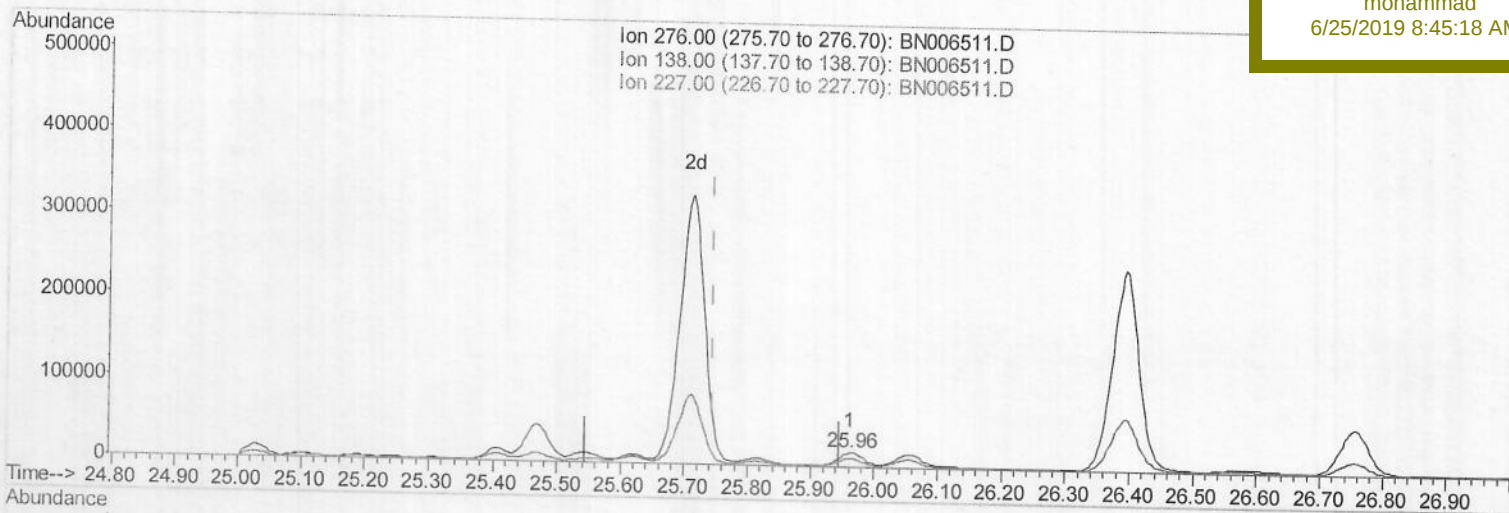
A4201

Manual Integrations

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

25.961min (+0.216) 0.94ng/ul

response 45837

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	60.01#
227.00	0.40	1.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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 :

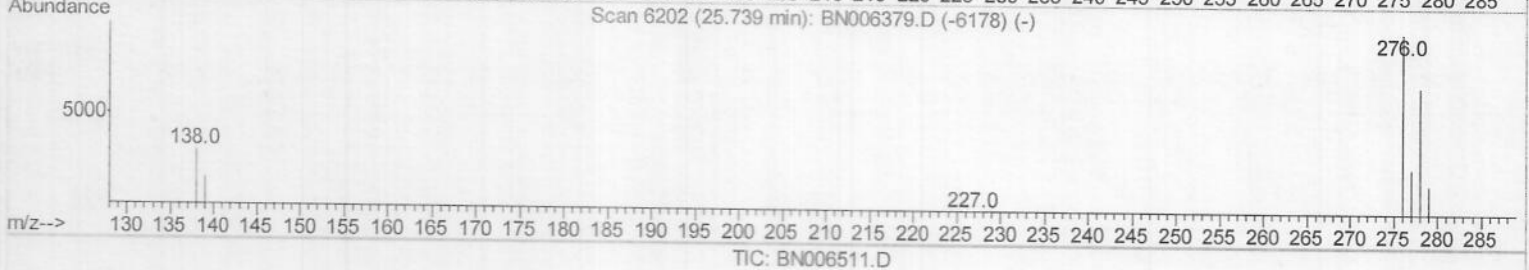
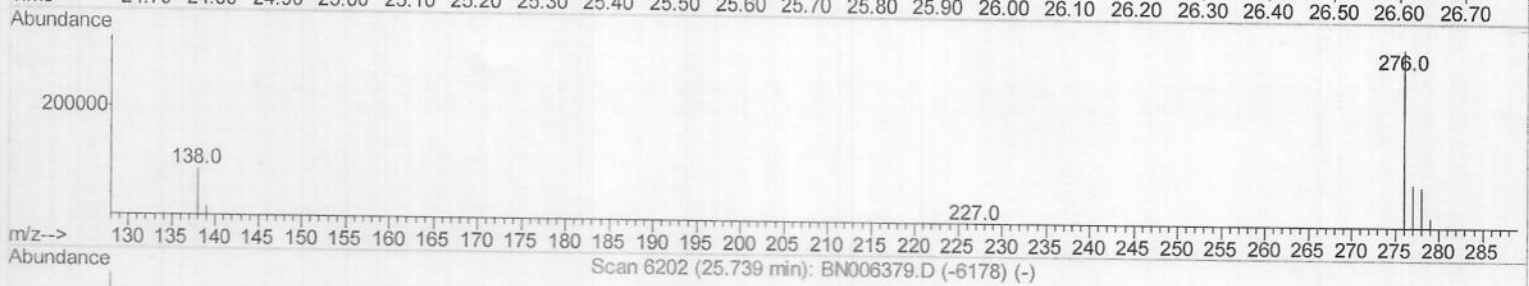
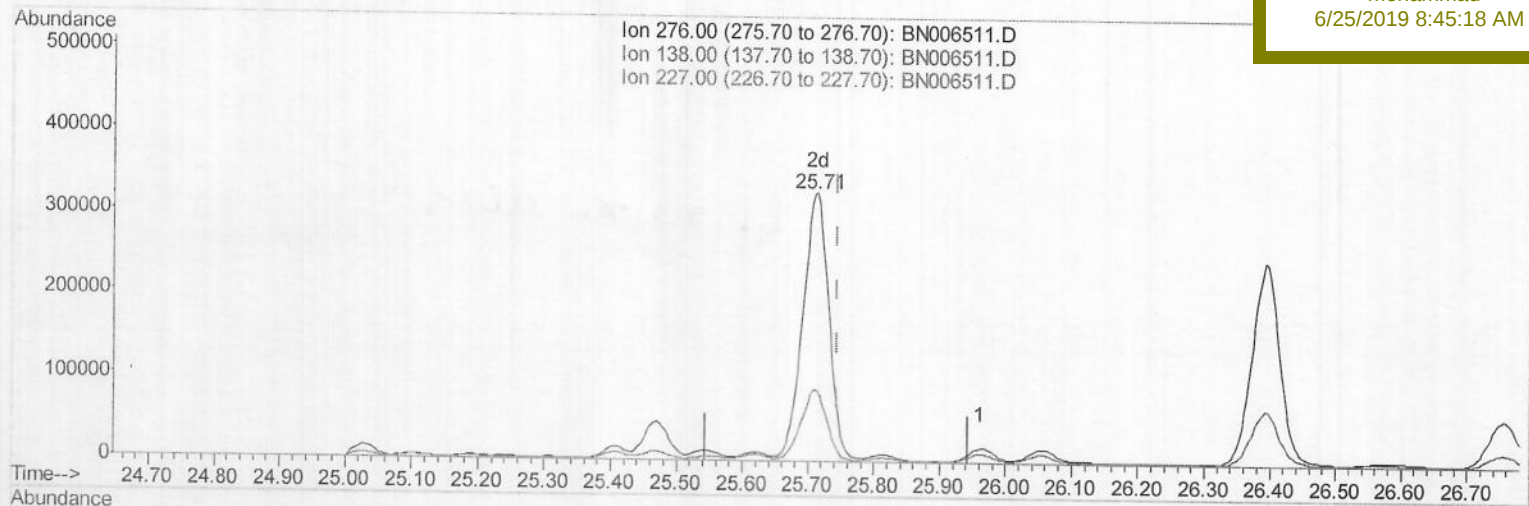
A4201

Manual Integrations

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mohammad

6/25/2019 8:45:18 AM



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

25.713min (-0.032) 18.06ng/ul m

response 880982

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	3.12#
227.00	0.40	0.07#
0.00	0.00	0.00

> JU 06/26/19

Quantitation Report (Qedit)

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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 :

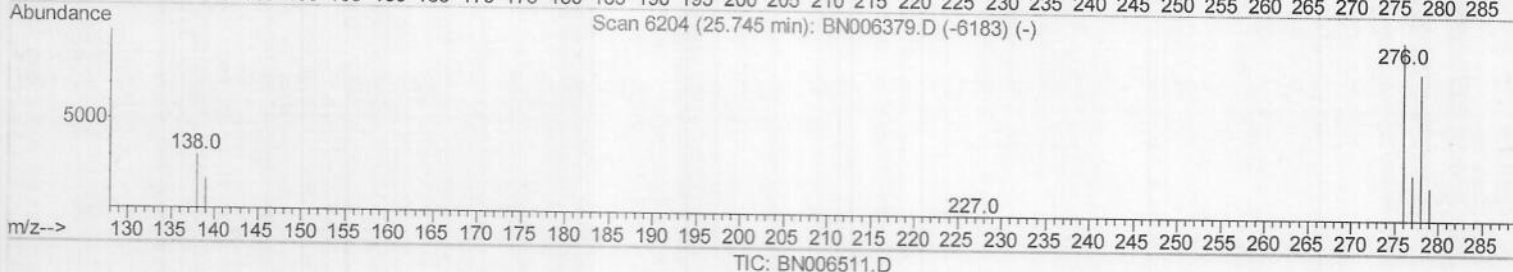
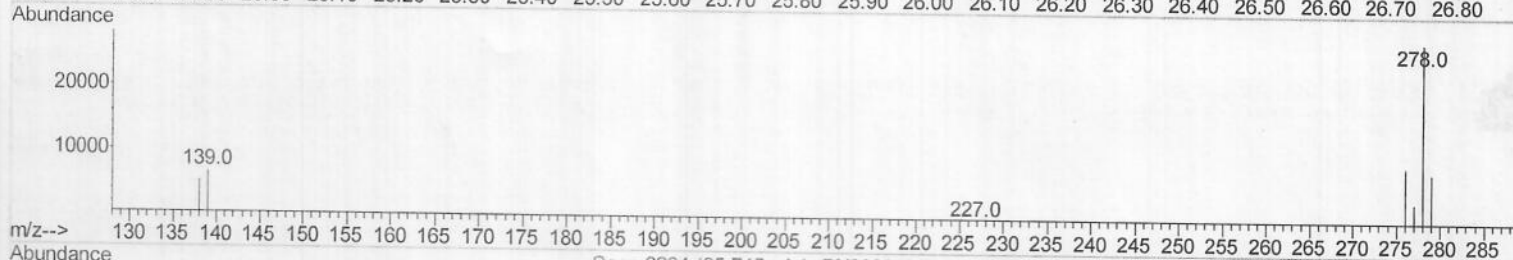
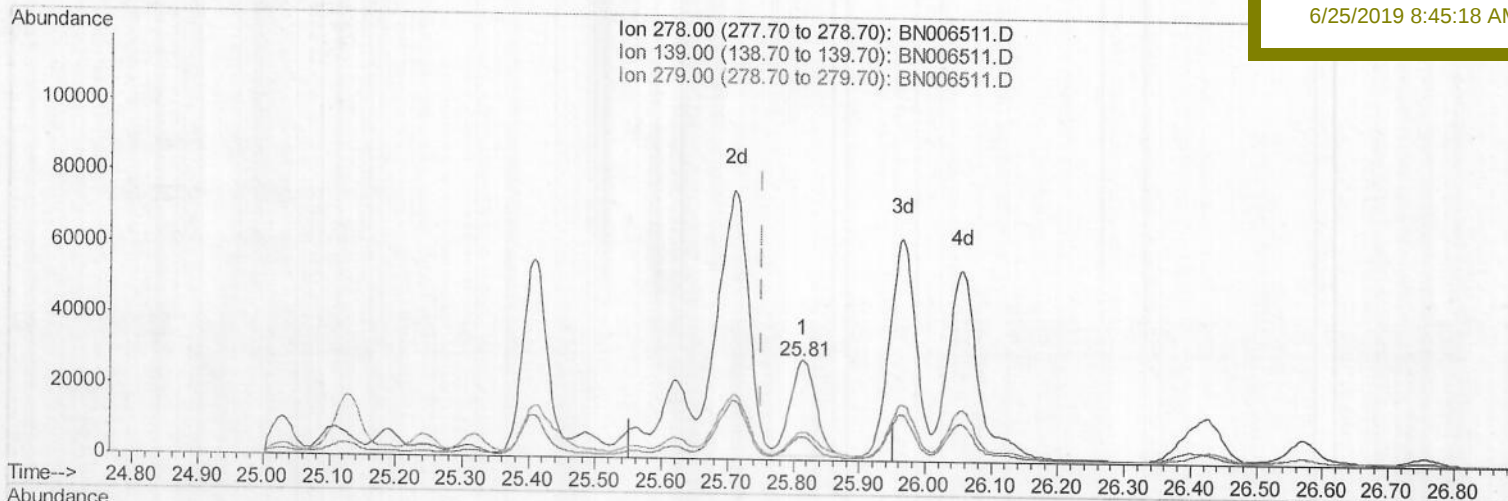
A4201

Manual Integrations

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6/25/2019 8:45:18 AM



(25) Dibenzo(a,h)anthracene

25.814min (+0.062) 1.90ng/ul

response 74061

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	23.84
279.00	28.20	28.53
0.00	0.00	0.00

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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

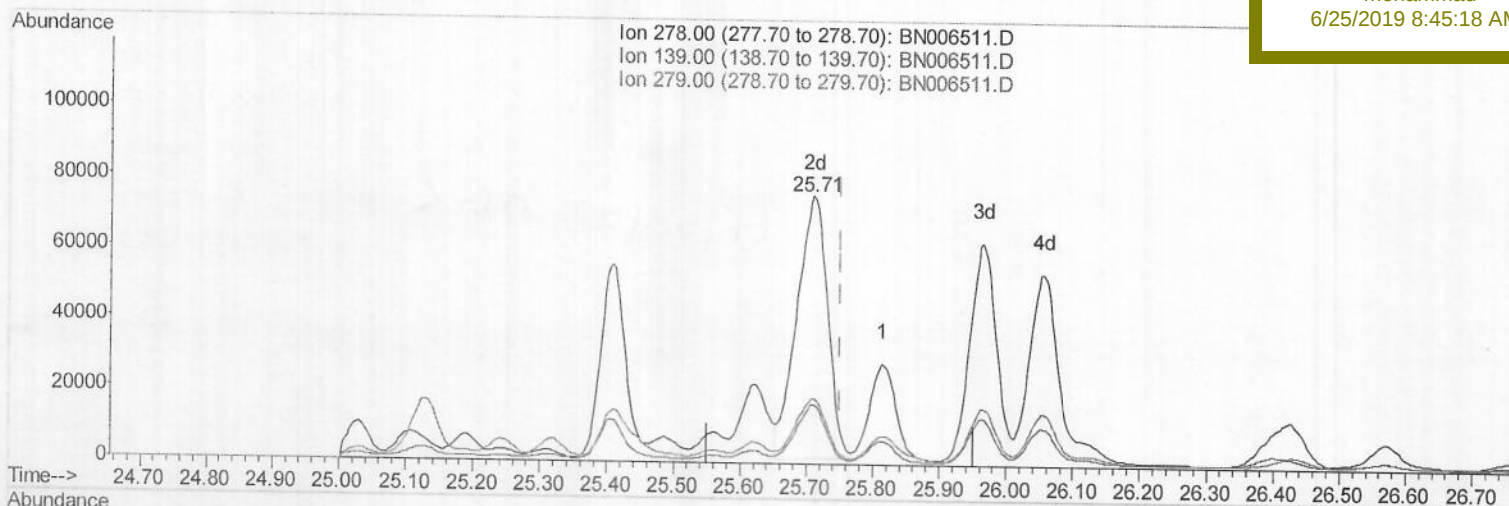
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4201

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:18 AM

(25) Dibenzo(a,h)anthracene

25.710min (-0.042) 6.13ng/ul m

response 239195

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	21.96
279.00	28.20	24.11
0.00	0.00	0.00

JU 06/26/19

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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

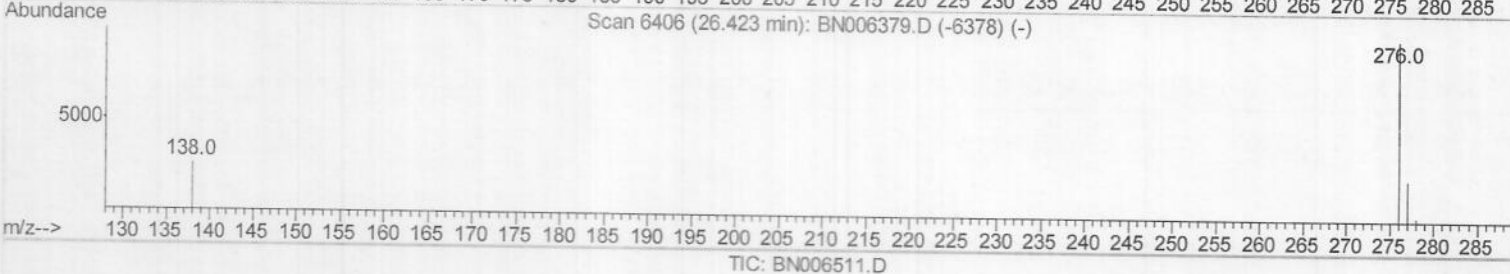
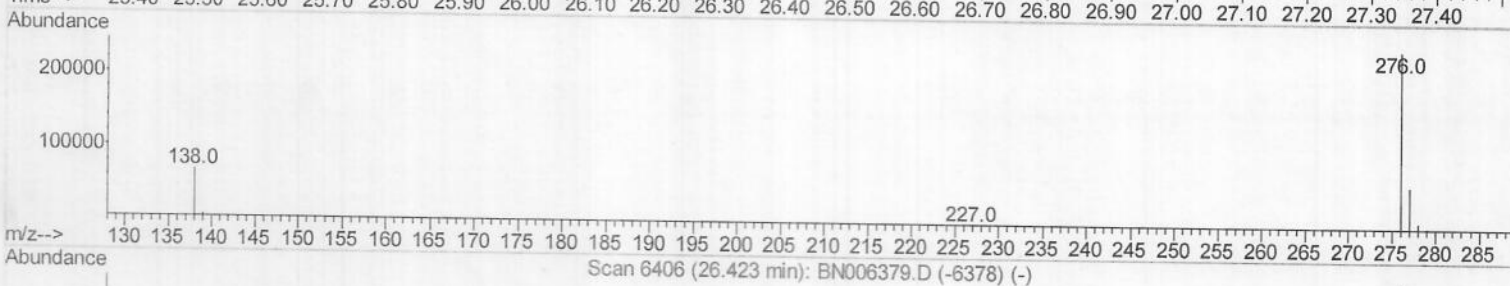
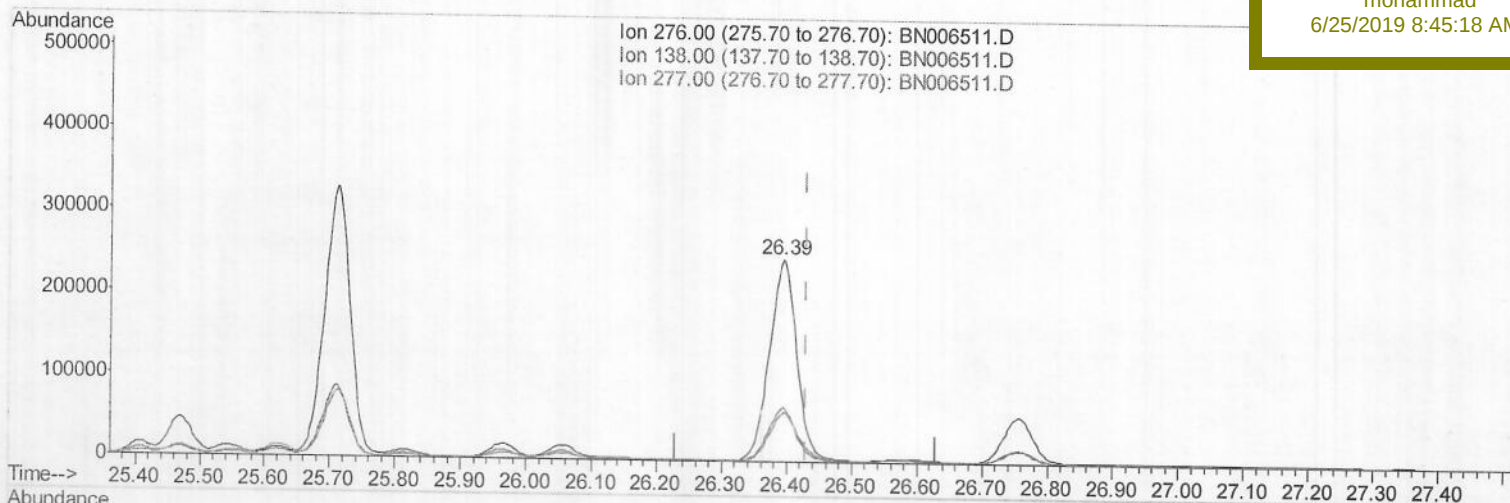
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4201

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:18 AM

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

26.394min (-0.035) 16.29ng/ul

response 665675

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	26.52
277.00	26.90	24.14
0.00	0.00	0.00

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:23:53 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

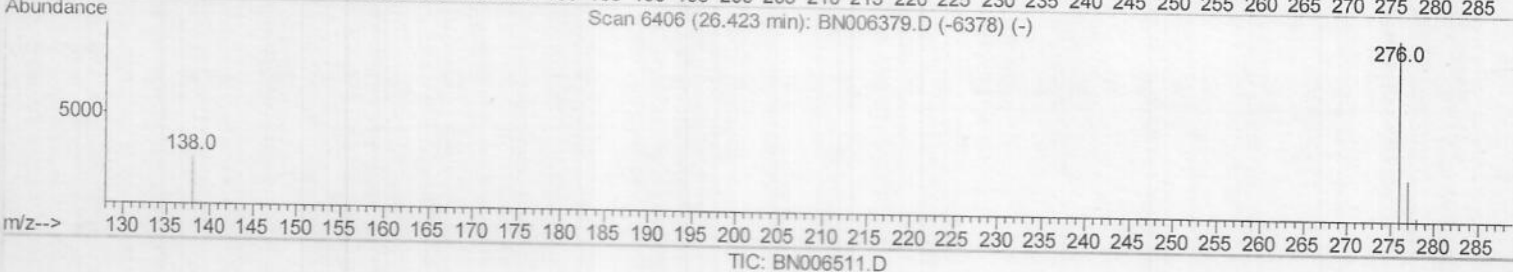
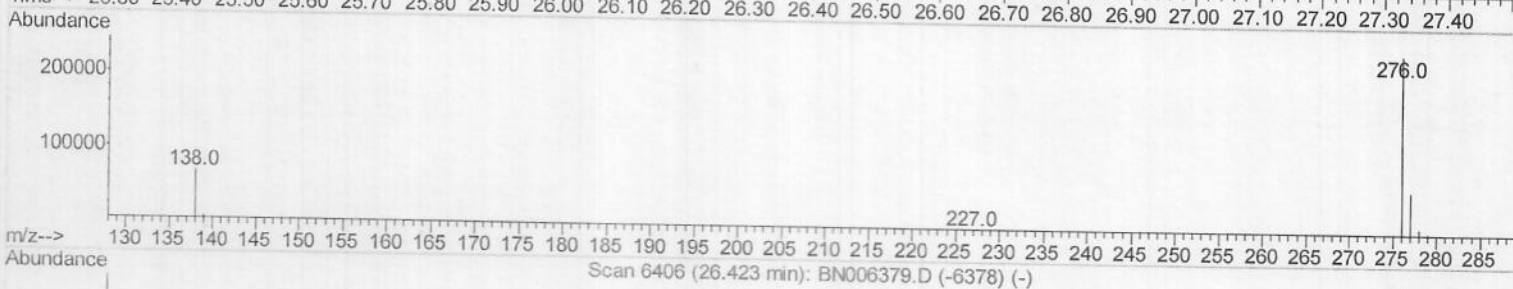
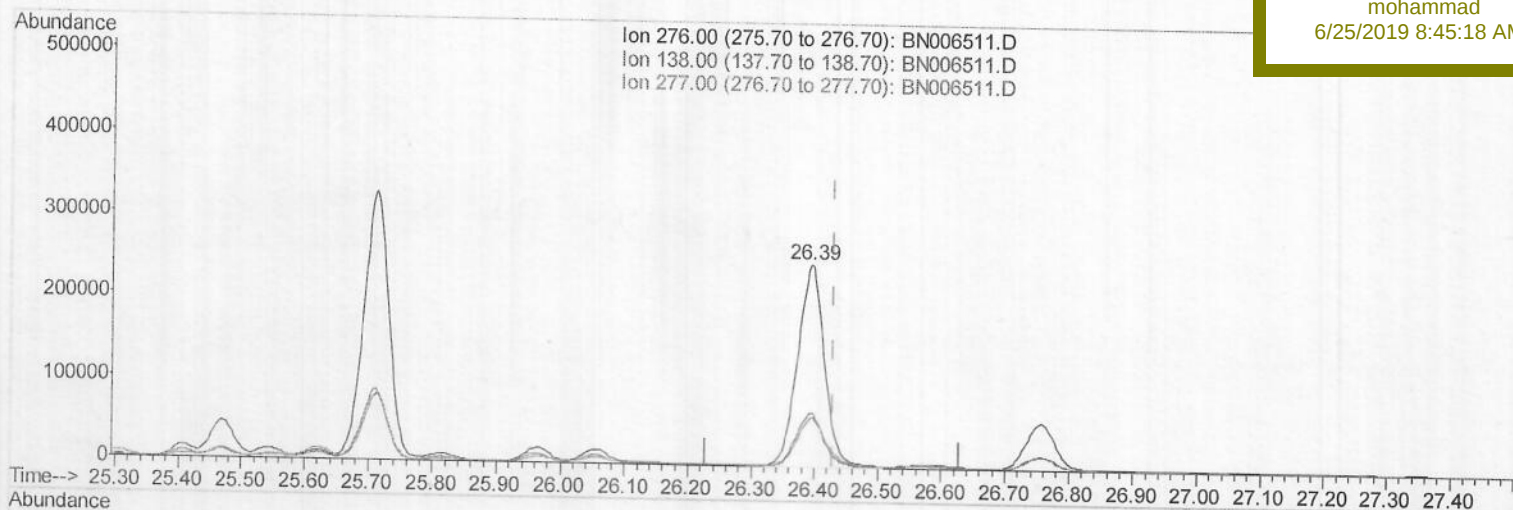
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4201

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:18 AM

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

26.394min (-0.035) 17.88ng/ul m

> JU 06/26/19

response 730469

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	26.52
277.00	26.90	24.14
0.00	0.00	0.00

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

Data File : BN006511.D

Acq On : 23 Jun 2019 05:36

Operator : HP/JU

Sample : K3360-19

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 24 09:25:46 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 :

A4201

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:18 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5485	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	21042	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	11977	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	22177m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	12248m	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	11604m	0.40	ng/ul	-0.03

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	12114	0.38	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	24488m	0.41	ng/ul	-0.01

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.46	128	68740	1.184	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	37074	0.916	ng/ul	100
7) Acenaphthylene	14.00	152	7967	0.120	ng/ul#	87
8) Acenaphthene	14.34	153	369538	8.002	ng/ul	100
9) Fluorene	15.34	166	504689	9.340	ng/ul	99
12) Phenanthrene	17.09	178	4982622m	69.992	ng/ul	
13) Anthracene	17.17	178	1171895m	17.237	ng/ul	
15) Fluoranthene	19.11	202	5525805m	70.296	ng/ul	
17) Pyrene	19.48	202	4357254	67.538	ng/ul	96
18) Benzo(a)anthracene	21.23	228	1800824m	33.243	ng/ul	
19) Chrysene	21.29	228	1870828	36.788	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	1994616m	41.223	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	760623m	16.139	ng/ul	
23) Benzo(a)pyrene	23.39	252	1370593m	30.414	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	880982m	18.061	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	239195m	6.134	ng/ul	
26) Benzo(g,h,i)perylene	26.39	276	730469m	17.880	ng/ul	

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

JU
06/26/19