

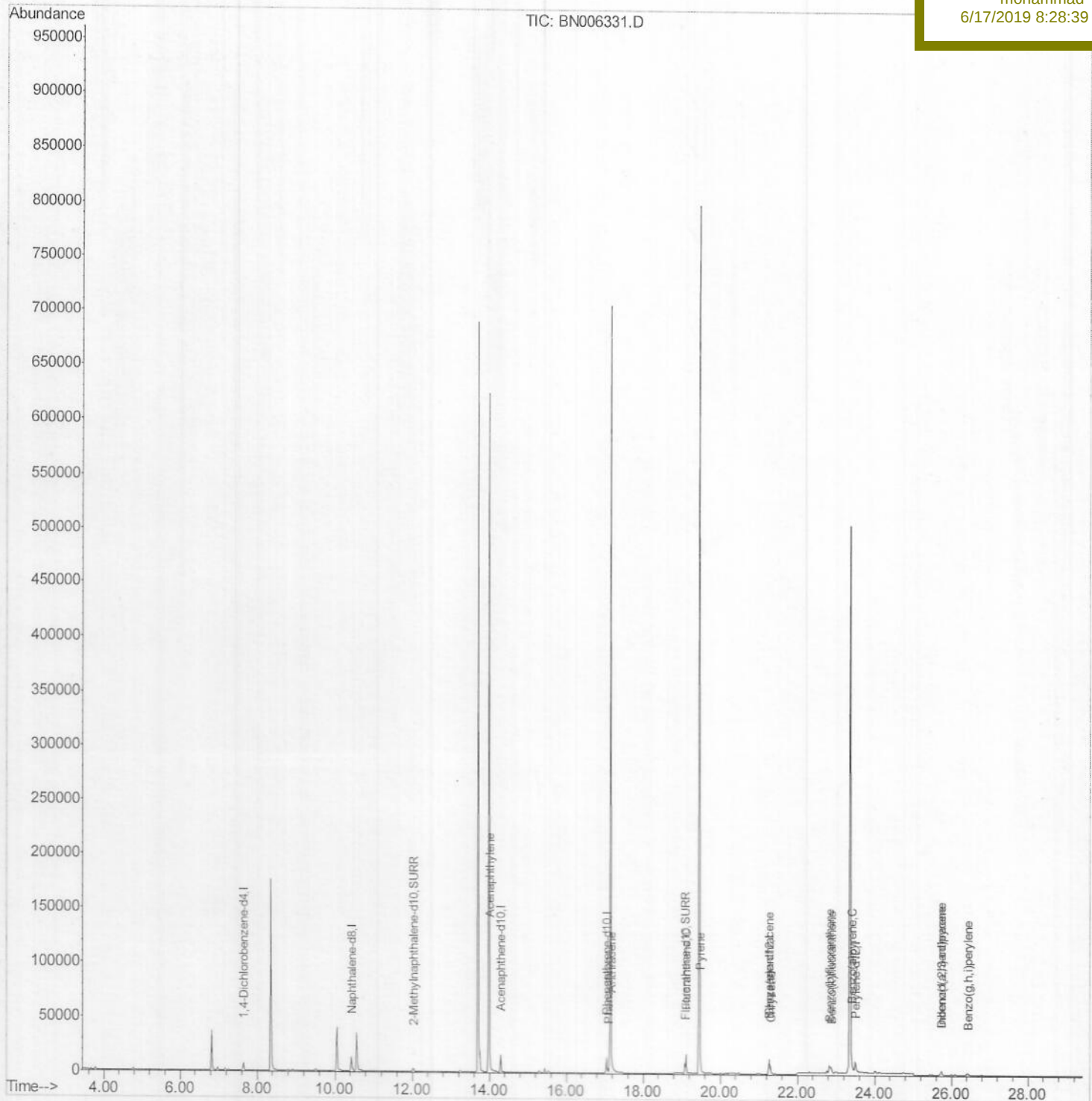
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:59:15 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
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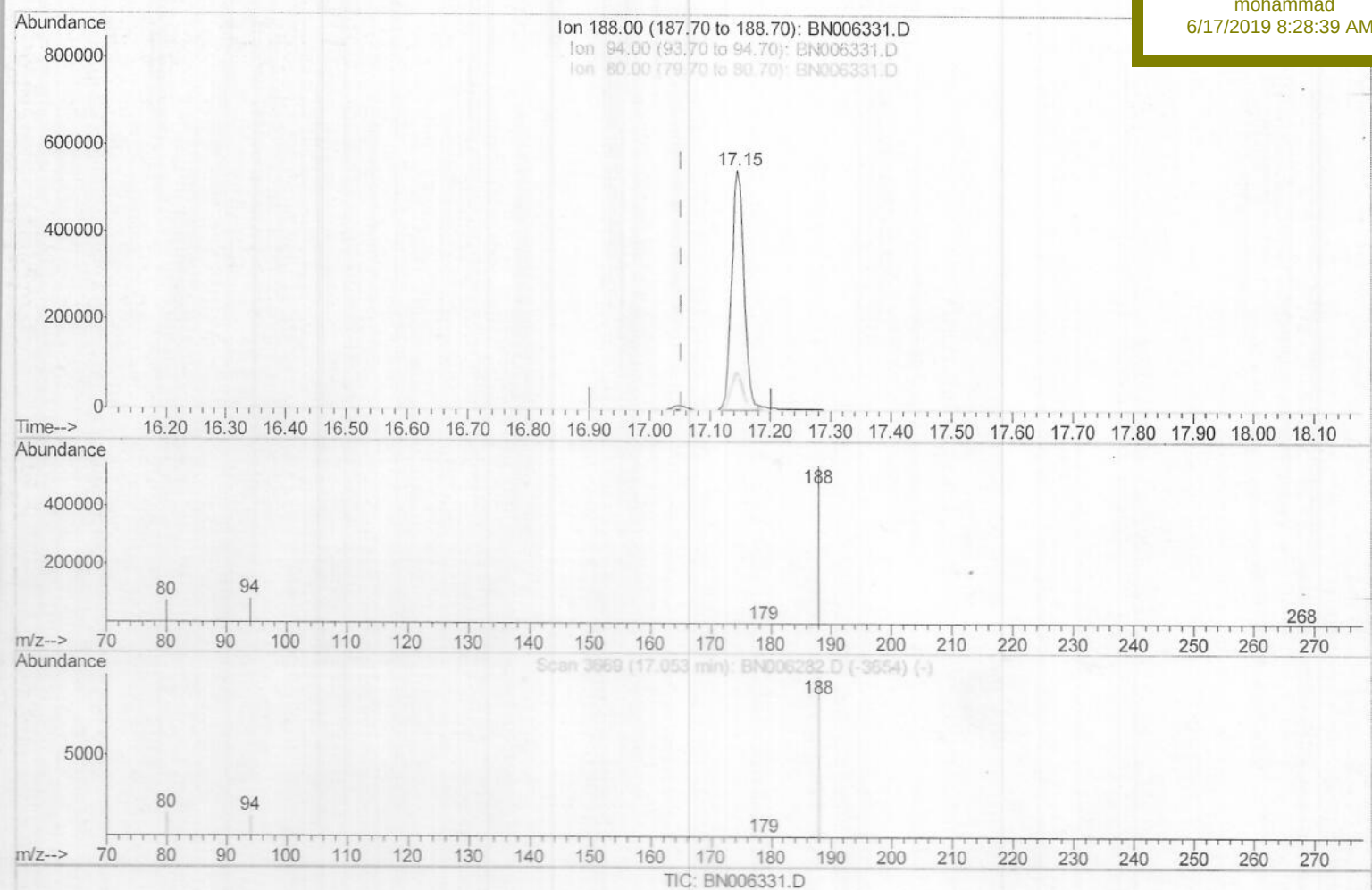
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:53:40 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
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(10) Phenanthrene-d10 (I)

17.145min (+0.093) 0.40ng/ul

response 775047

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.27
80.00	13.60	13.97
0.00	0.00	0.00

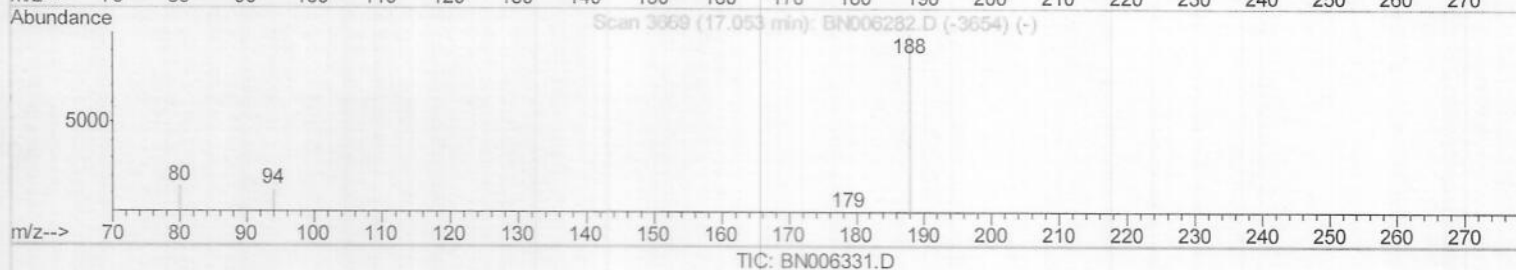
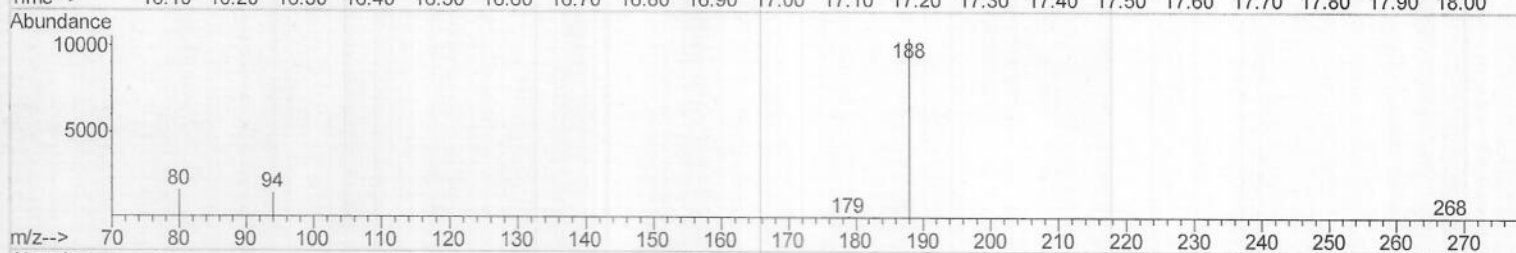
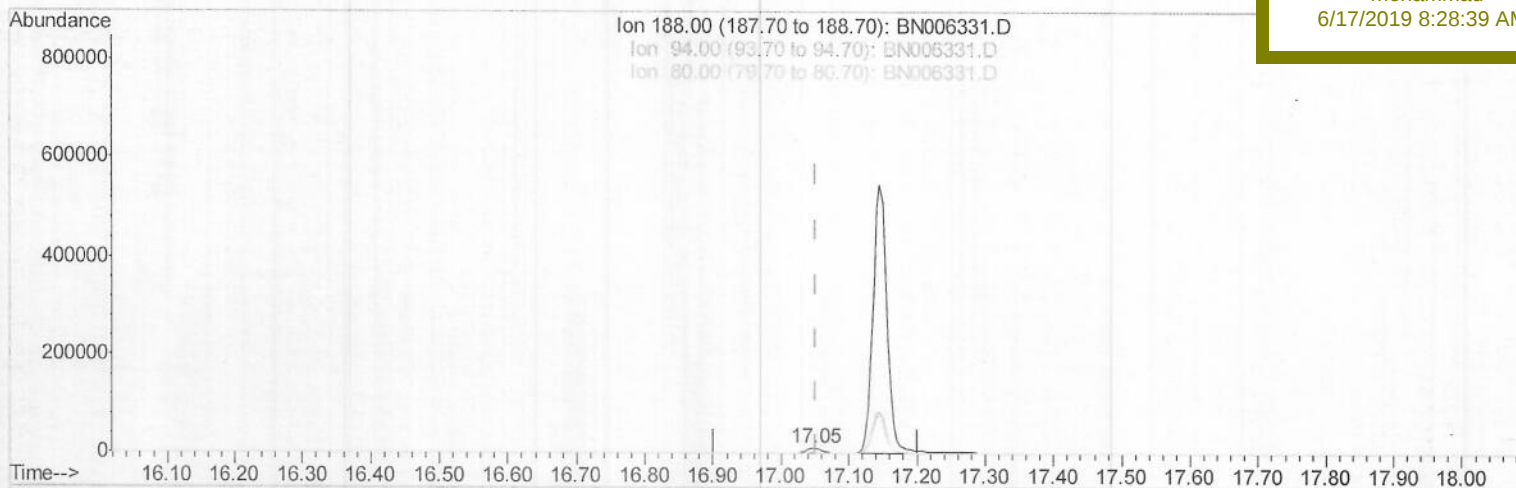
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:53:40 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
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(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m) JU 06/2019

response 15049

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.65
80.00	13.60	15.33
0.00	0.00	0.00

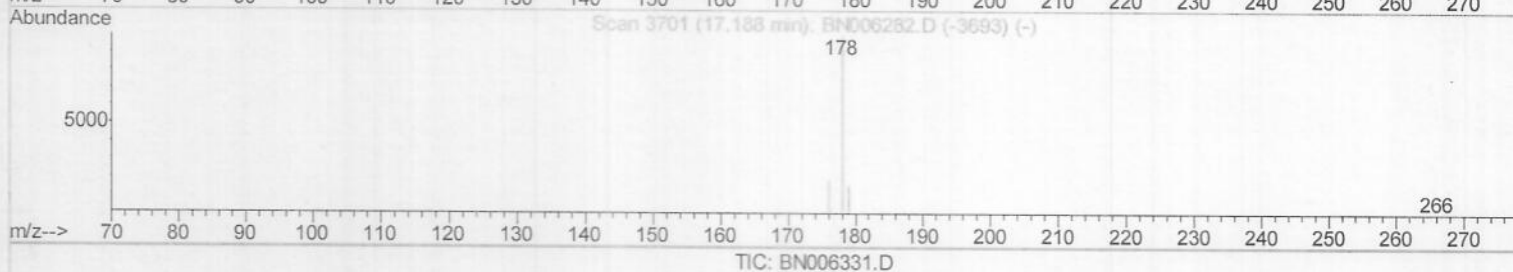
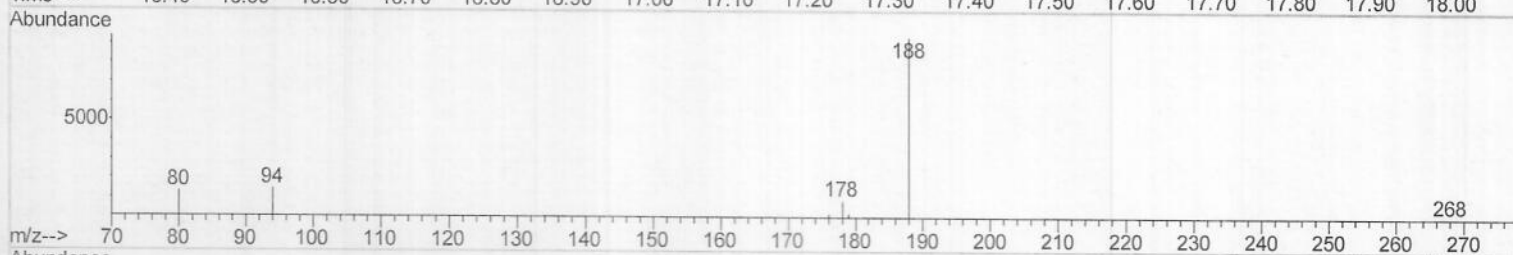
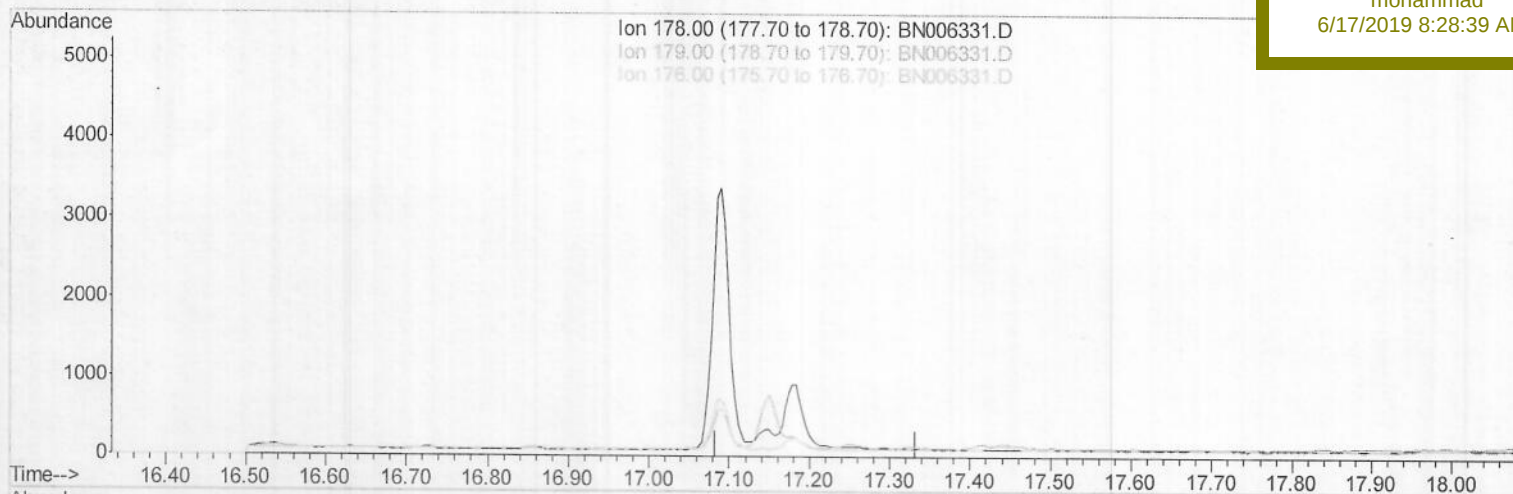
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:54:26 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
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(13) Anthracene

17.183min (-17.183) 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

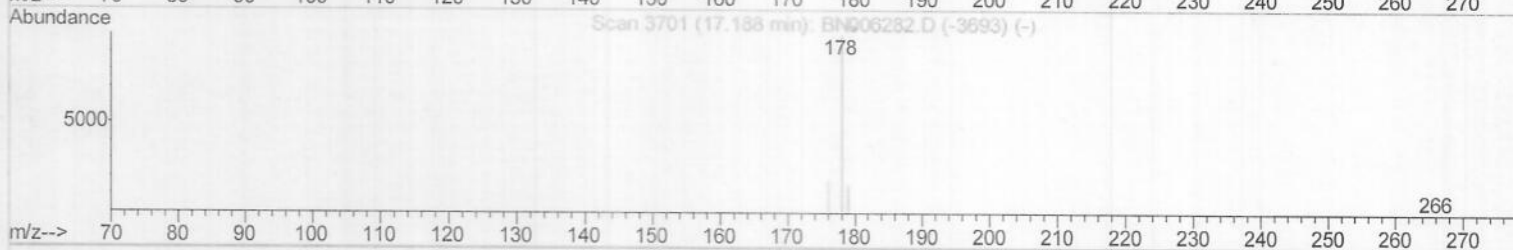
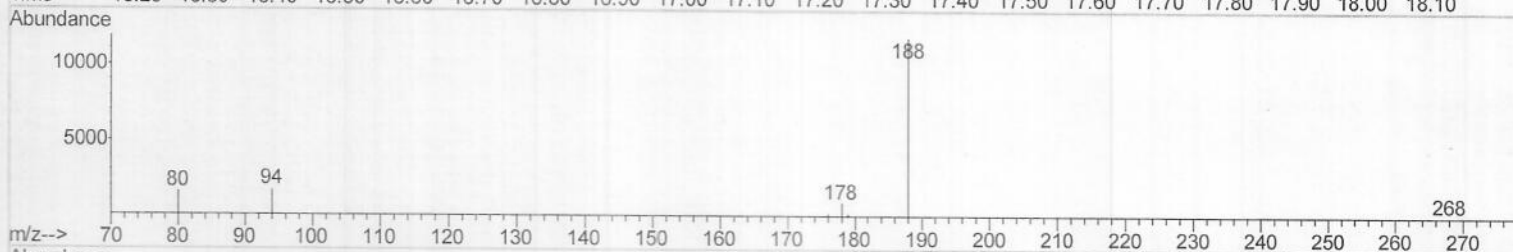
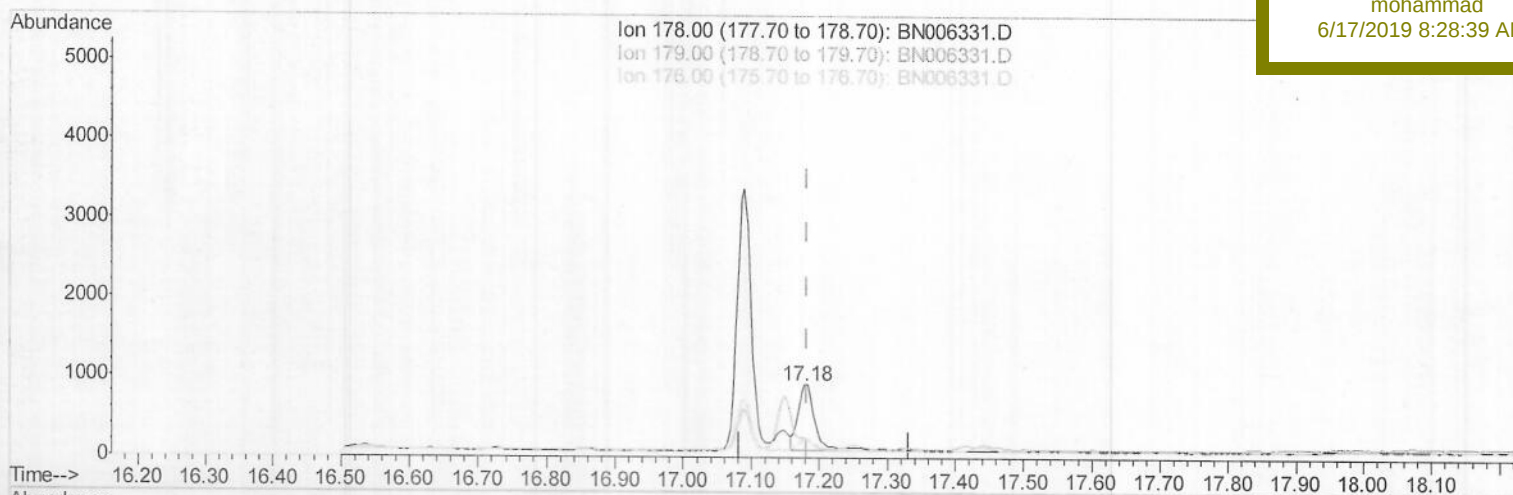
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:54:26 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A4227

Manual Integrations
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TIC: BN006331.D

(13) Anthracene

17.179min (-0.004) 0.03ng/ul m

JU06120119

response 1328

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	27.10#
176.00	18.90	25.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

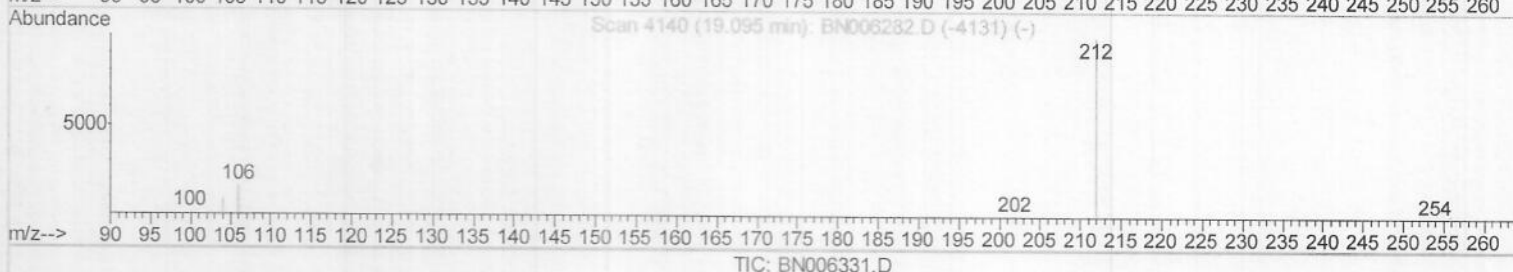
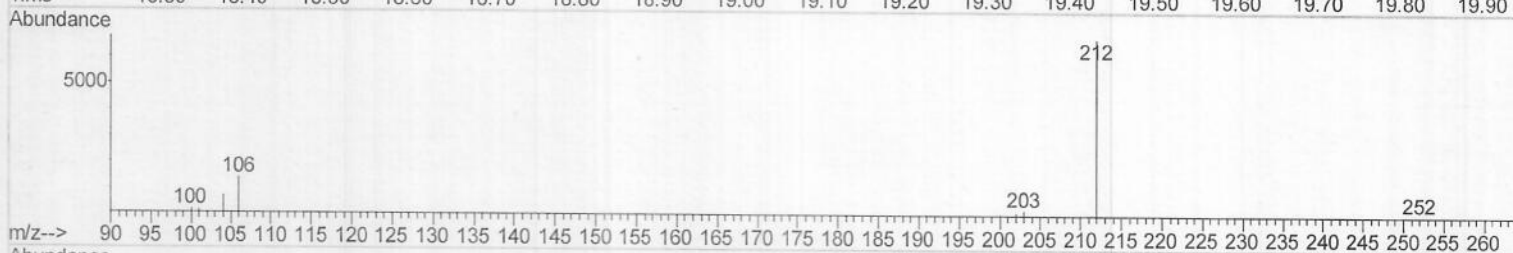
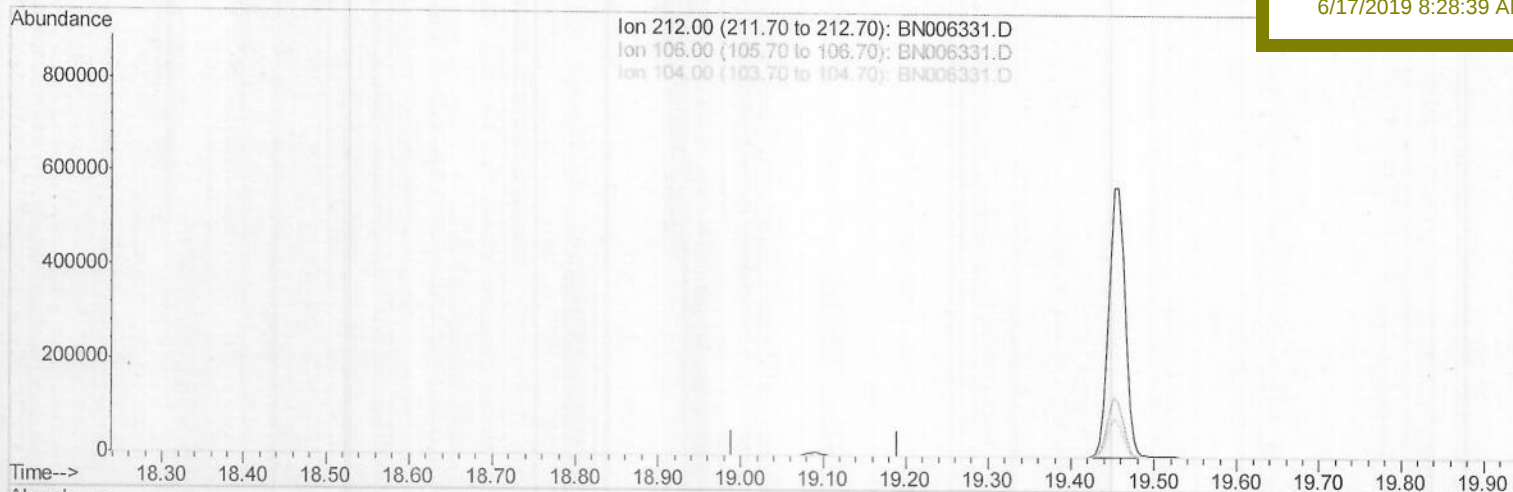
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006331.D
 Acq On : 14 Jun 2019 12:12
 Operator : JU/SJ
 Sample : K3332-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:54:26 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 : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4227

Manual Integrations
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(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

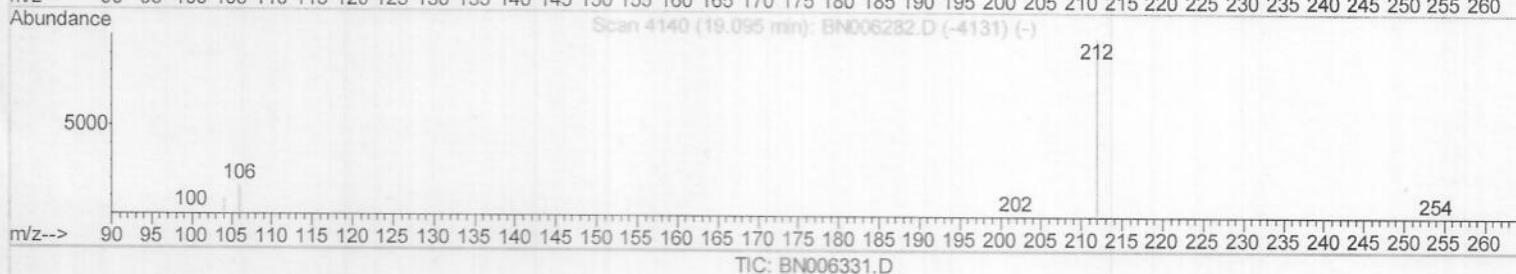
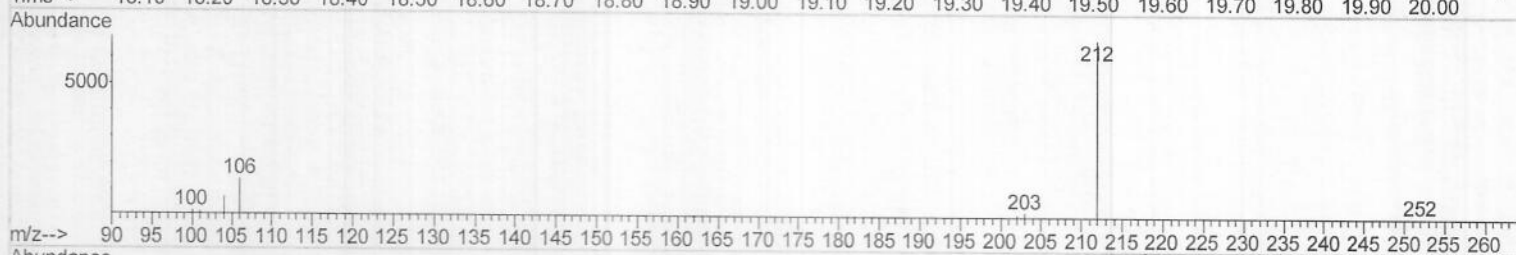
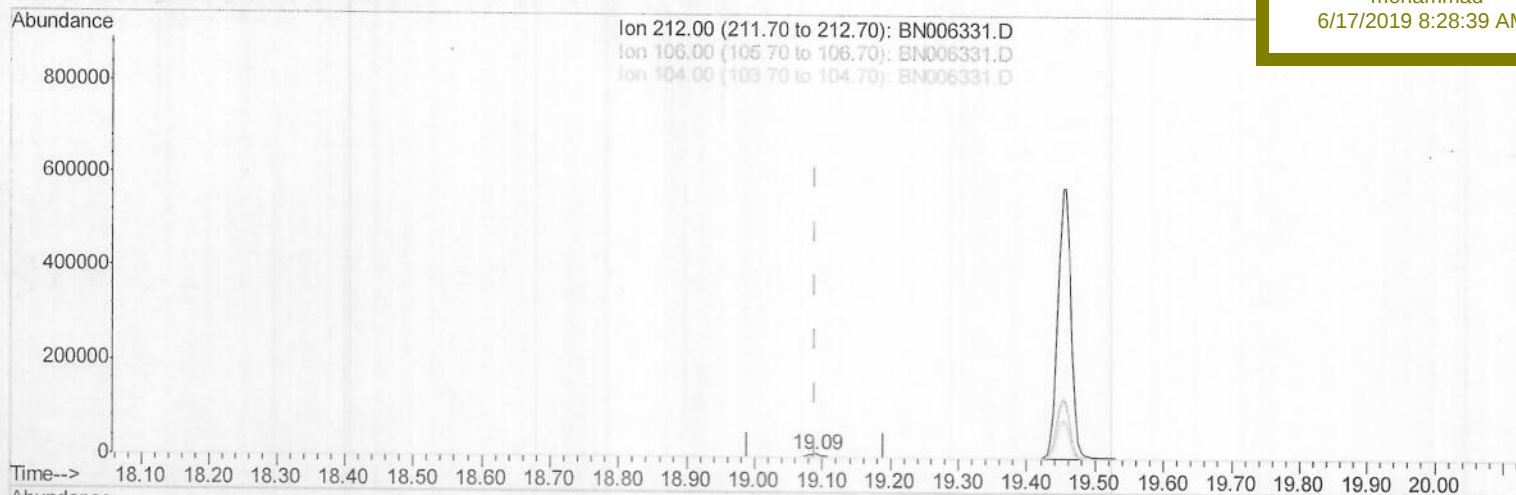
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:54:26 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
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6/17/2019 8:28:39 AM



(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 0.23ng/ul m

JU06/20/19

response 9213

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

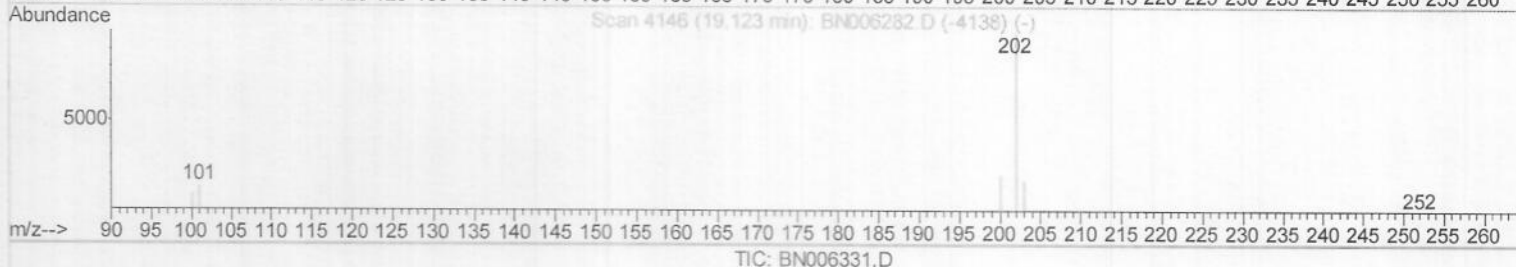
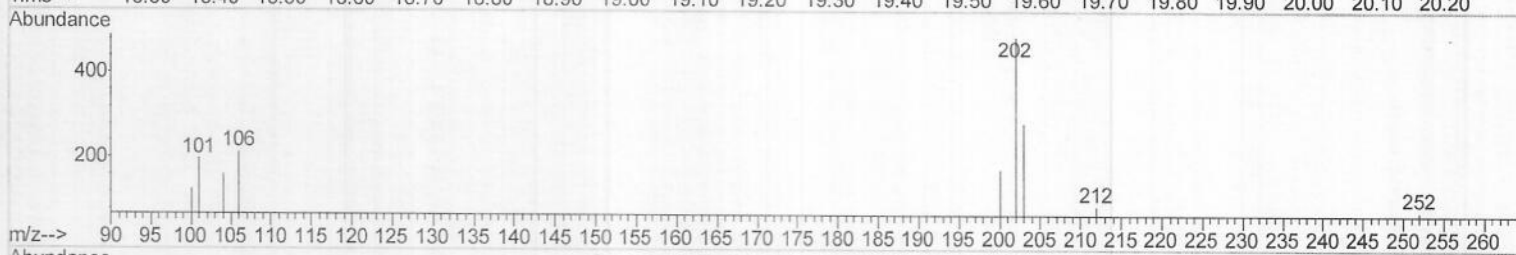
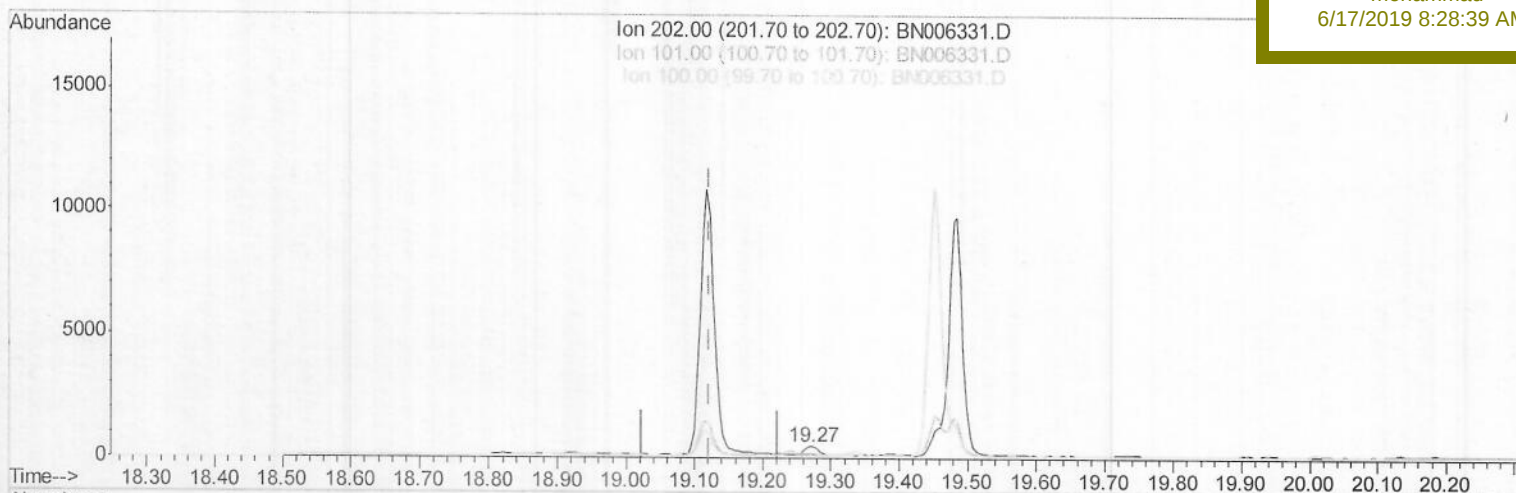
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:54:26 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
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(15) Fluoranthene (C)

19.271min (+0.149) 0.01ng/ul

response 447

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	40.37#
100.00	8.70	26.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\

Data File : BN006331.D

Acq On : 14 Jun 2019 12:12

Operator : JU/SJ

Sample : K3332-02

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:54:26 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 : Thu Jun 13 11:20:30 2019

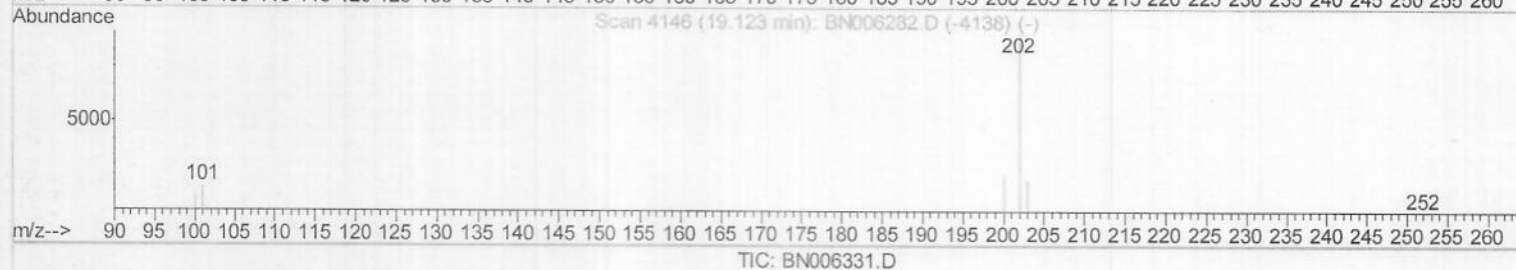
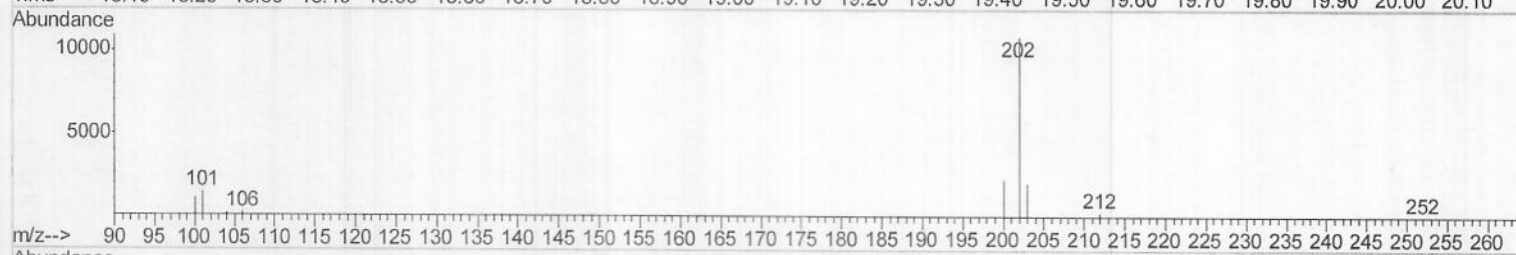
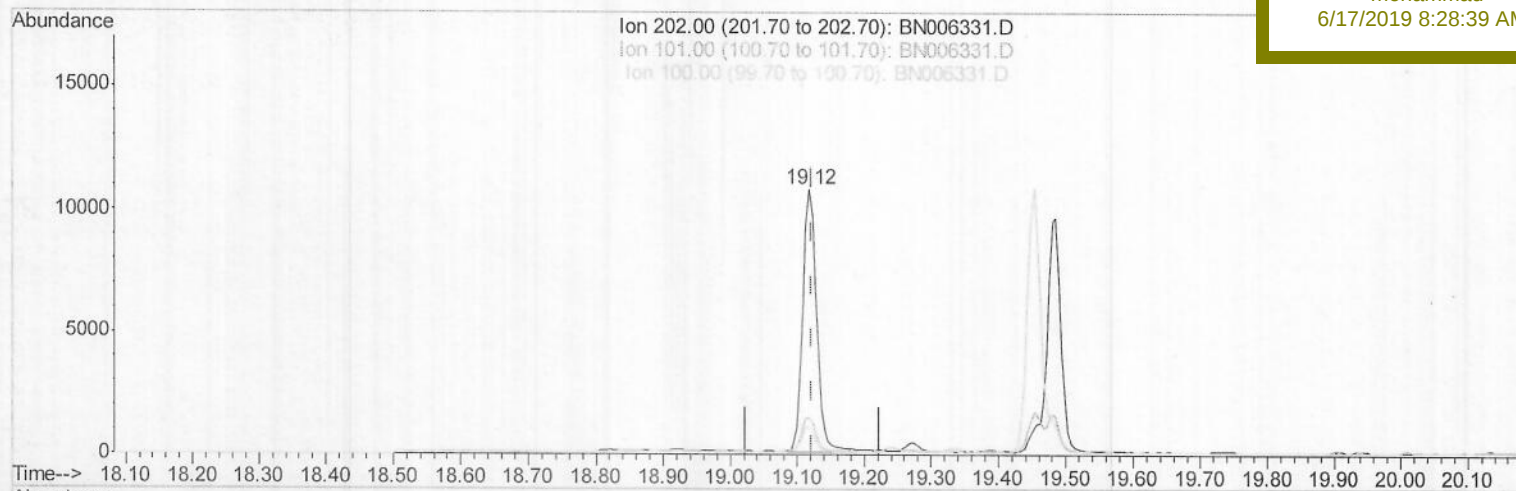
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4227

Manual Integrations
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(15) Fluoranthene (C)

19.118min (-0.005) 0.29ng/ul m

JU06 120119

response 15275

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.83
100.00	8.70	10.27
0.00	0.00	0.00

Quantitation Report (Qedit)

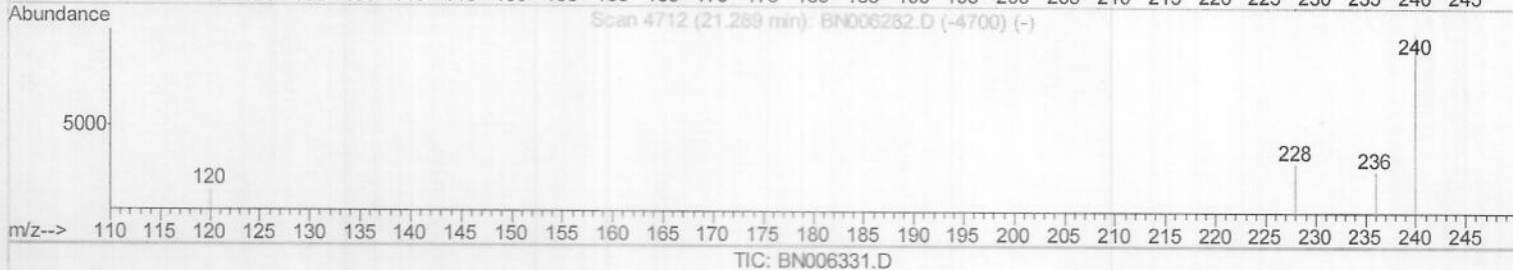
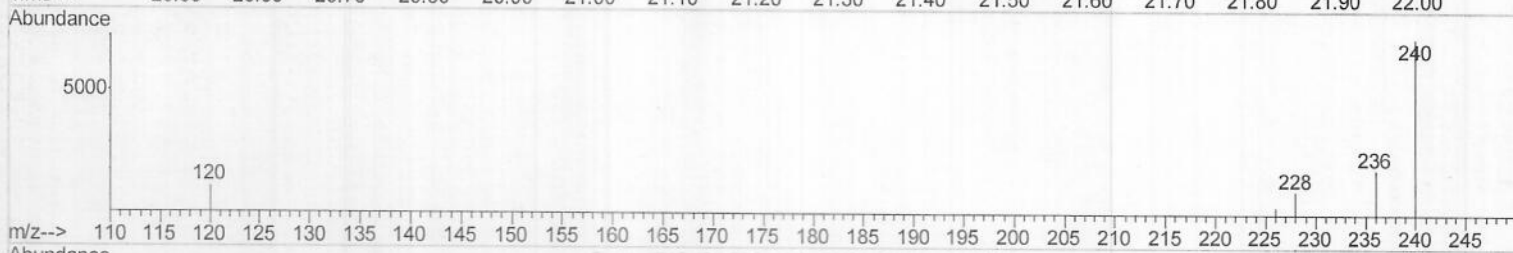
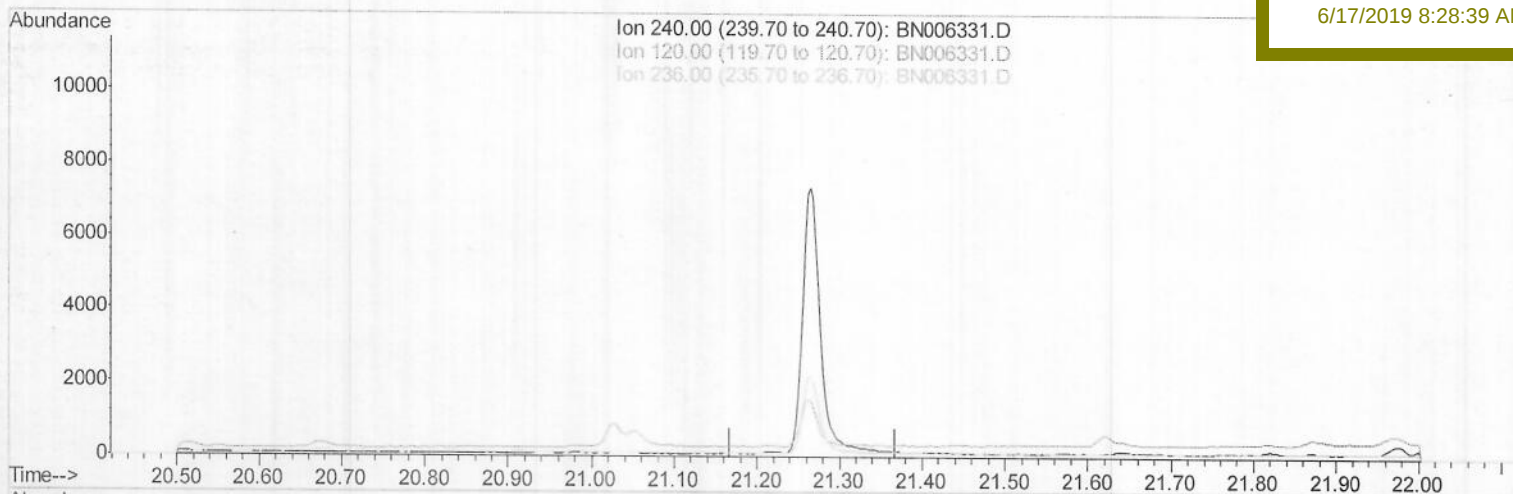
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006331.D
 Acq On : 14 Jun 2019 12:12
 Operator : JU/SJ
 Sample : K3332-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:54:26 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 : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4227

Manual Integrations
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(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\BN061419\

Data File : BN006331.D

Acq On : 14 Jun 2019 12:12

Operator : JU/SJ

Sample : K3332-02

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:54:26 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 : Thu Jun 13 11:20:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

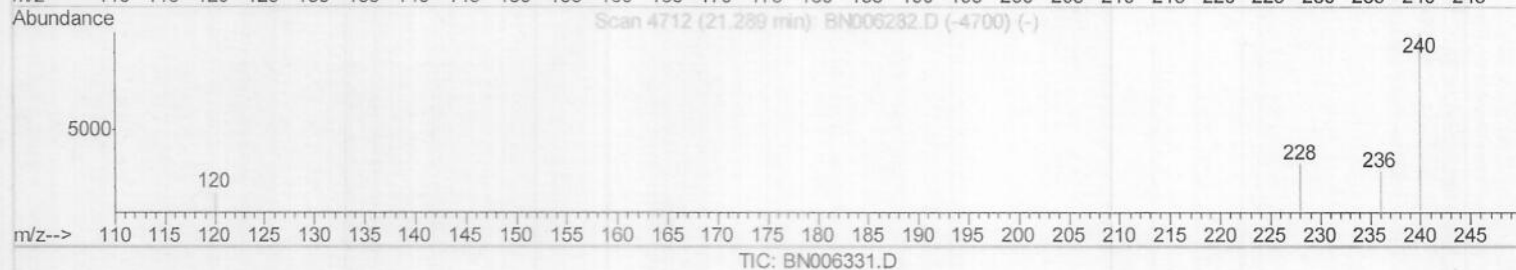
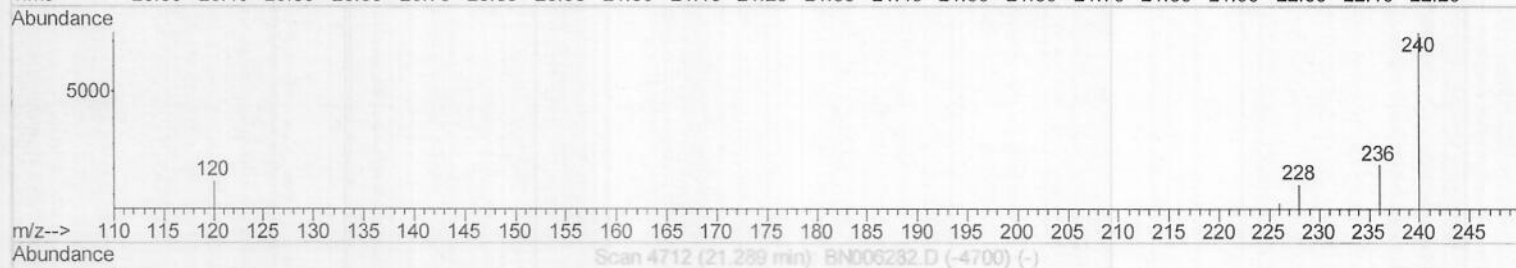
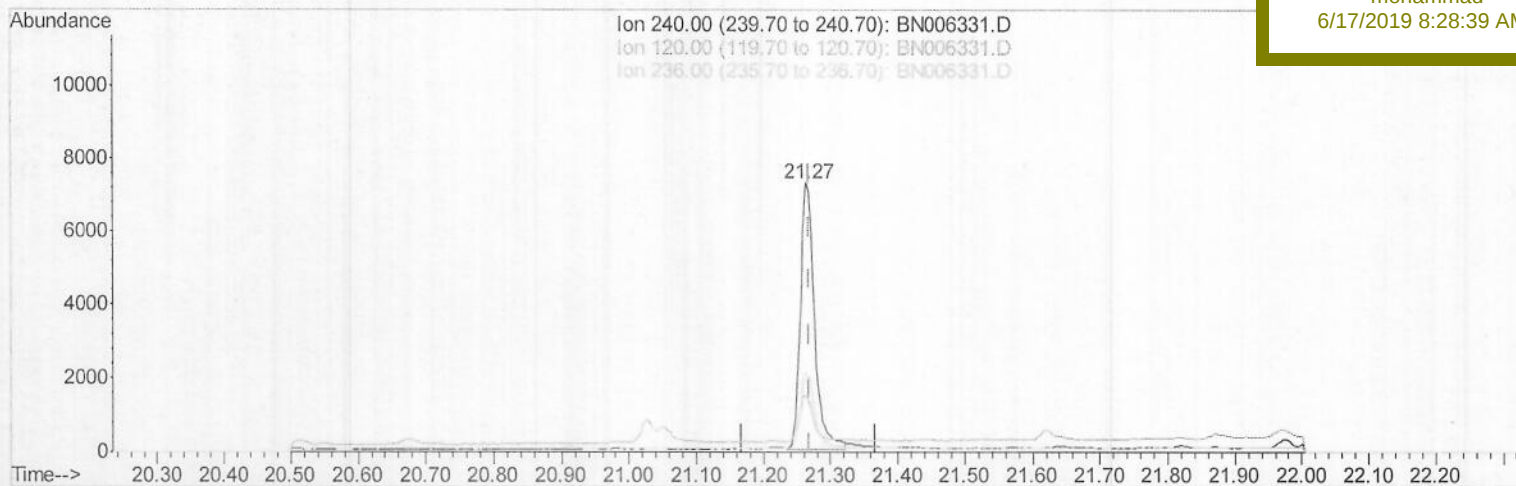
ClientSampled :

A4227

Manual Integrations
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(16) Chrysene-d12 (I)

21.265min (-0.003) 0.40ng/ul m

response 10468

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	20.86
236.00	30.10	29.65
0.00	0.00	0.00

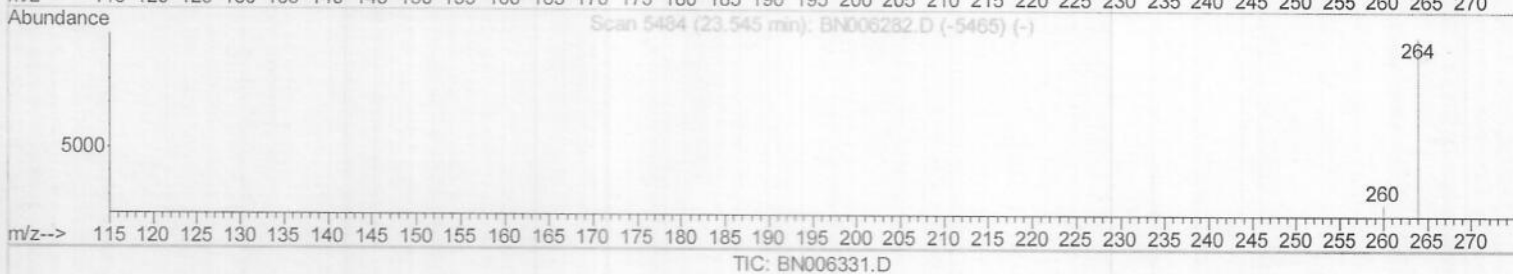
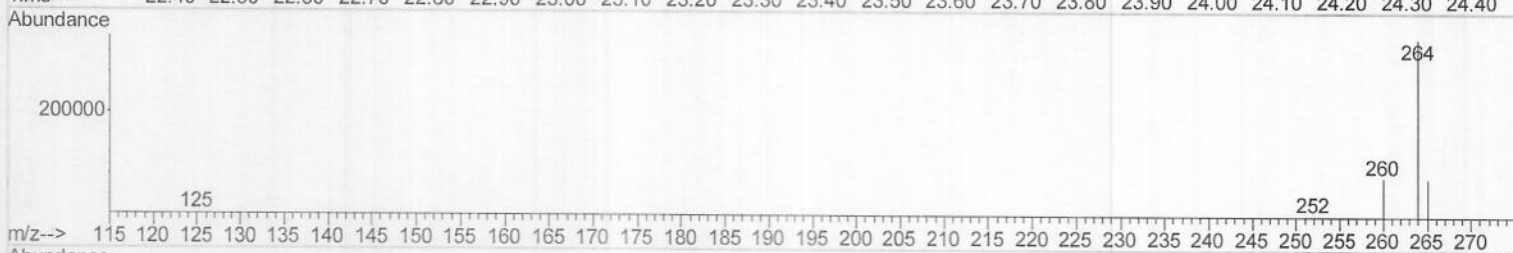
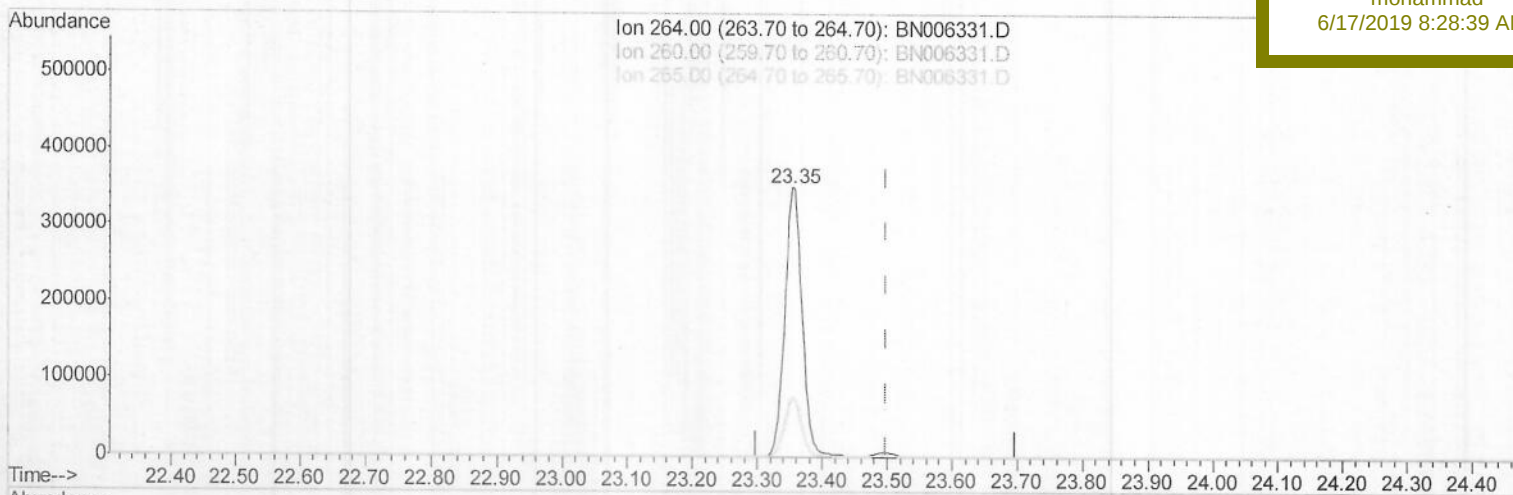
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:12 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A4227

Manual Integrations
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(20) Perylene-d12 (I)

23.355min (-0.143) 0.40ng/ul

response 661381

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	21.78#
265.00	44.70	21.58#
0.00	0.00	0.00

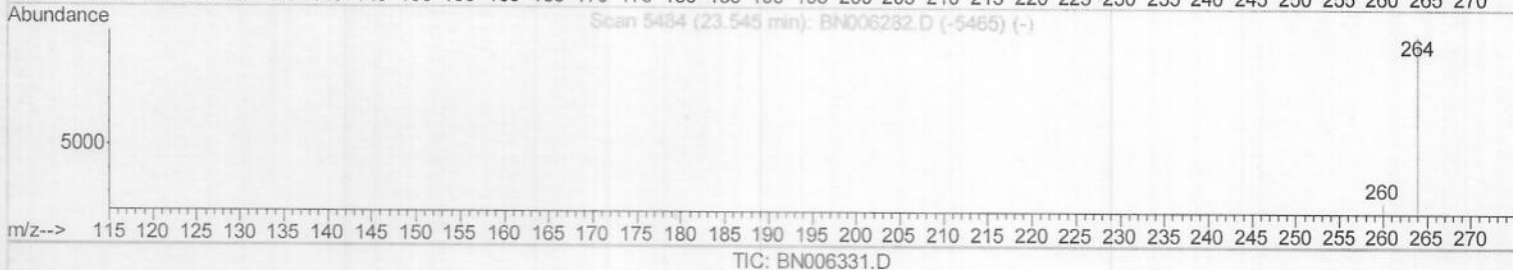
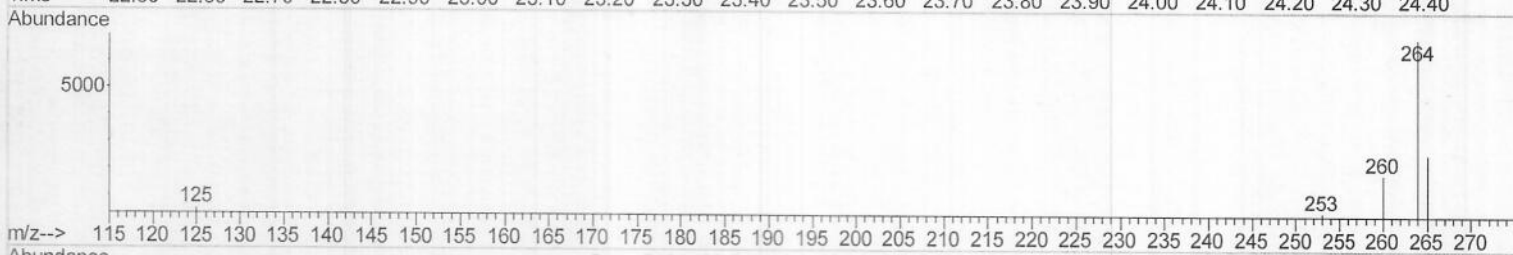
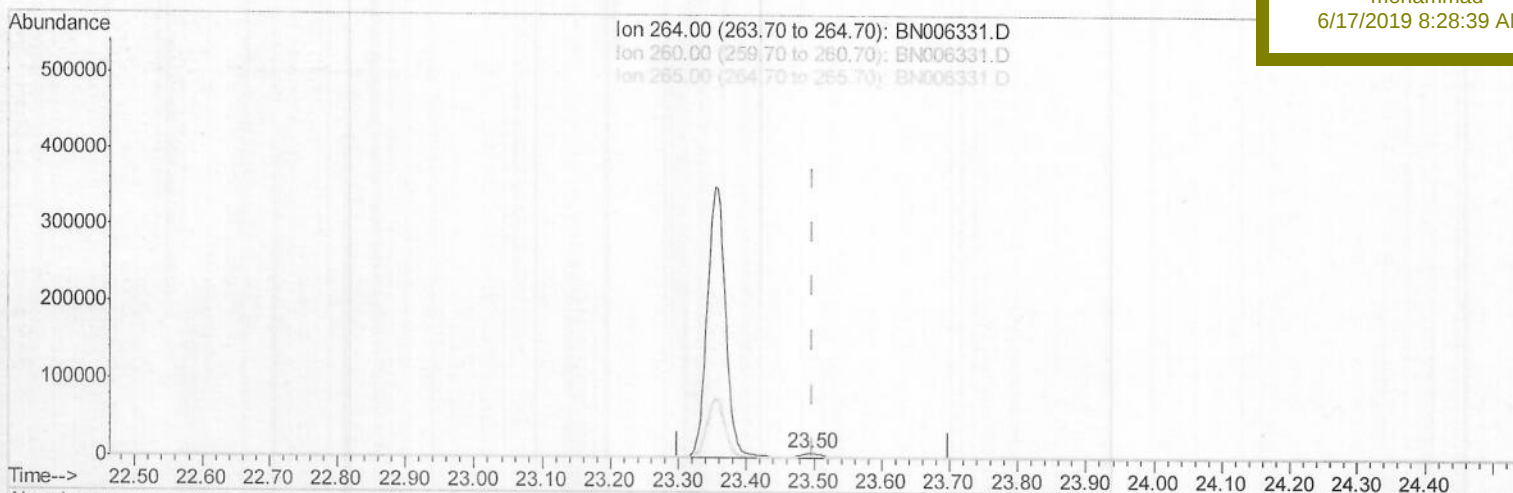
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:12 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
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TIC: BN006331.D

(20) Perylene-d12 (I)

23.495min (-0.003) 0.40ng/ul m

response 9747

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.59
265.00	44.70	37.45
0.00	0.00	0.00

JU06/20/14

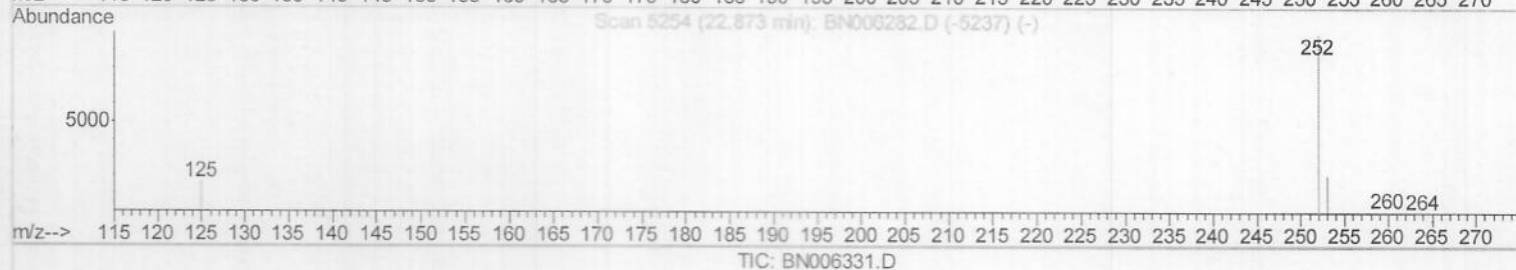
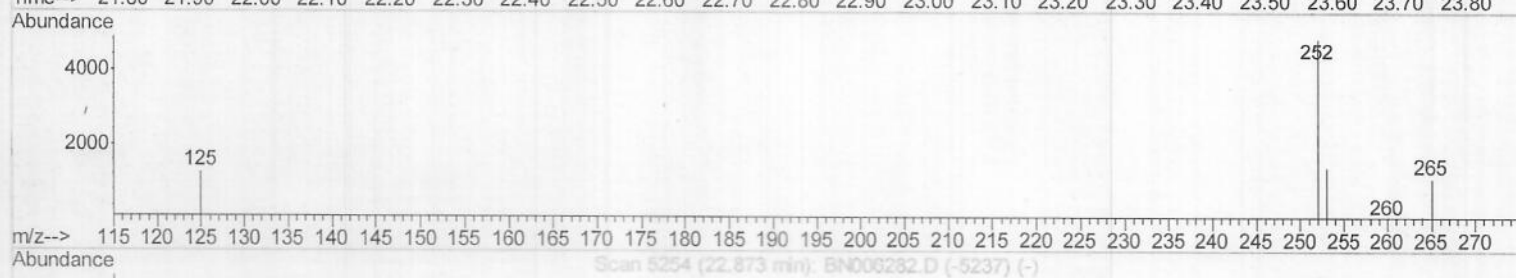
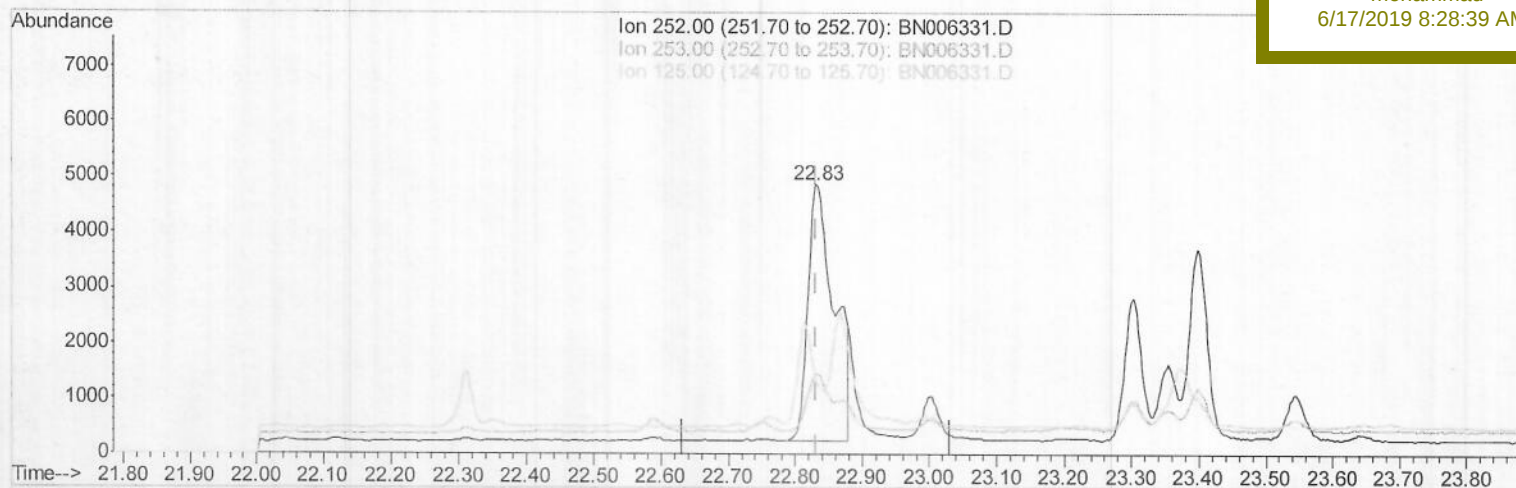
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
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(21) Benzo(b)fluoranthene
22.832min (-0.000) 0.31ng/ul
response 12550
Ion Exp% Act%
252.00 100 100
253.00 25.70 29.34
125.00 20.50 26.32
0.00 0.00 0.00

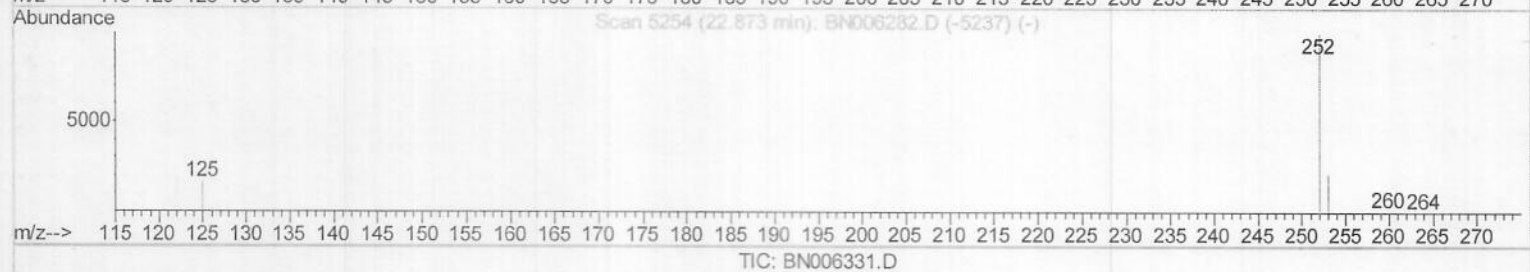
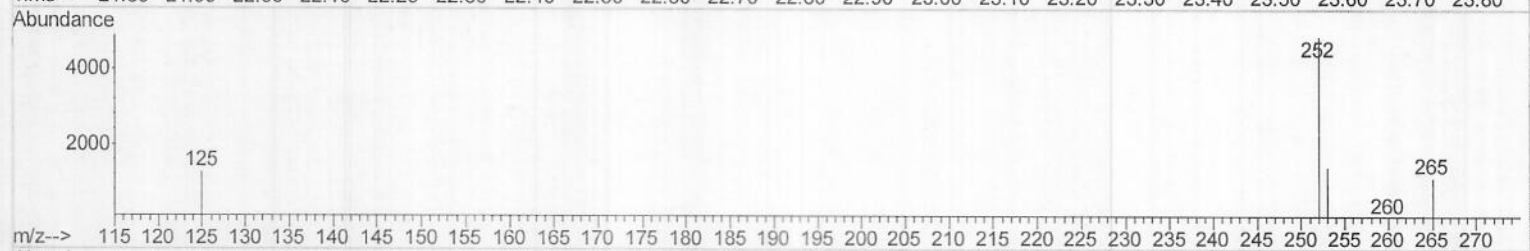
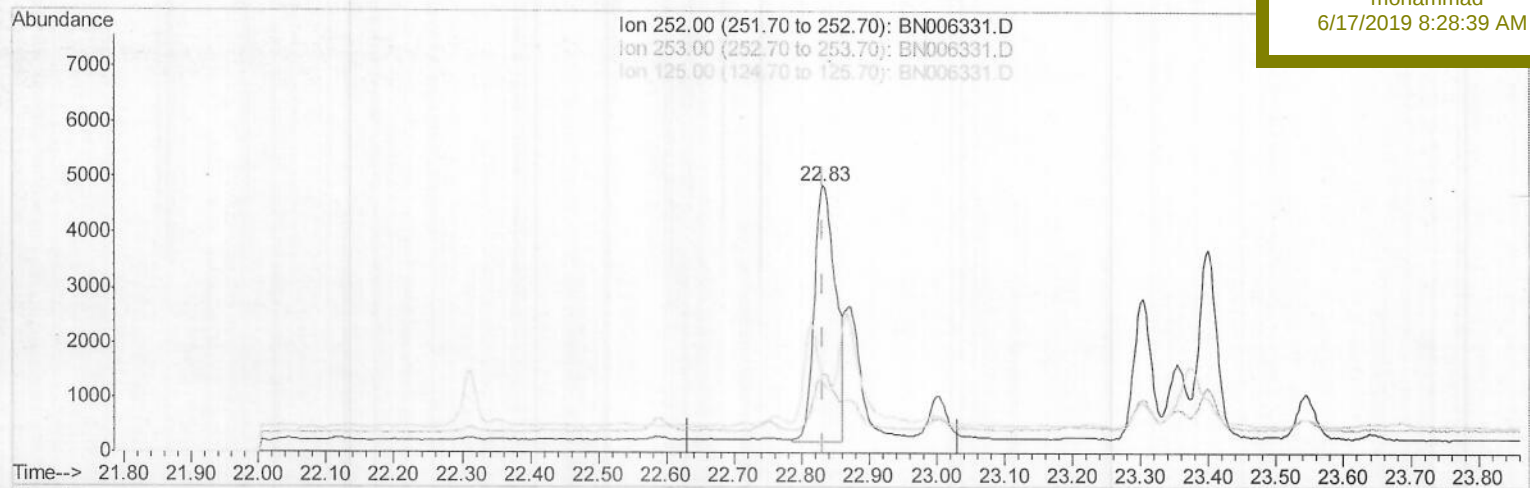
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
APPROVED

mohammad
6/17/2019 8:28:39 AM



(21) Benzo(b)fluoranthene

22.832min (-0.000) 0.25ng/ul m) JU06120119

response 10327

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	29.34
125.00	20.50	26.32
0.00	0.00	0.00

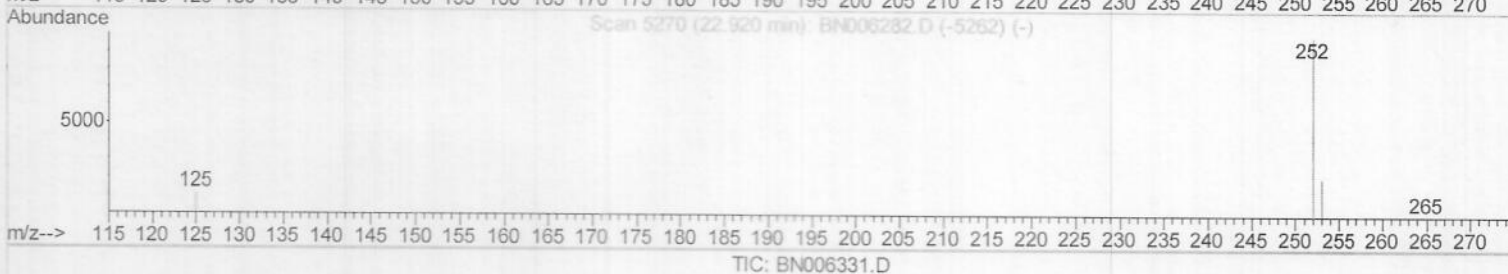
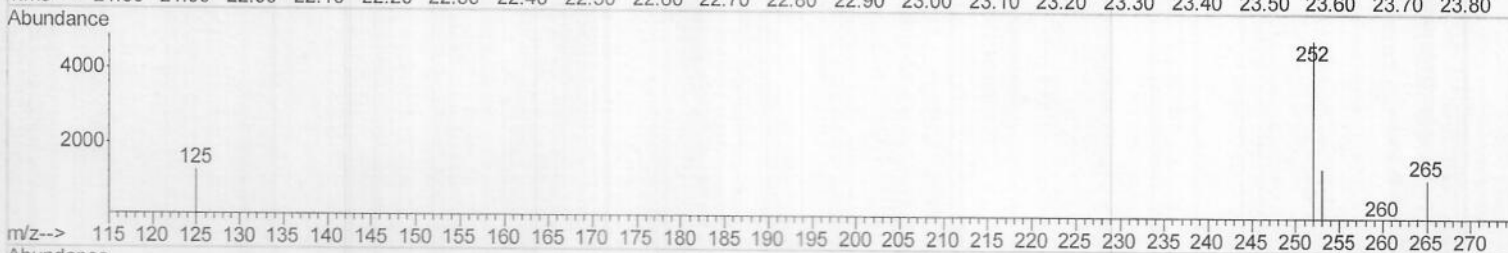
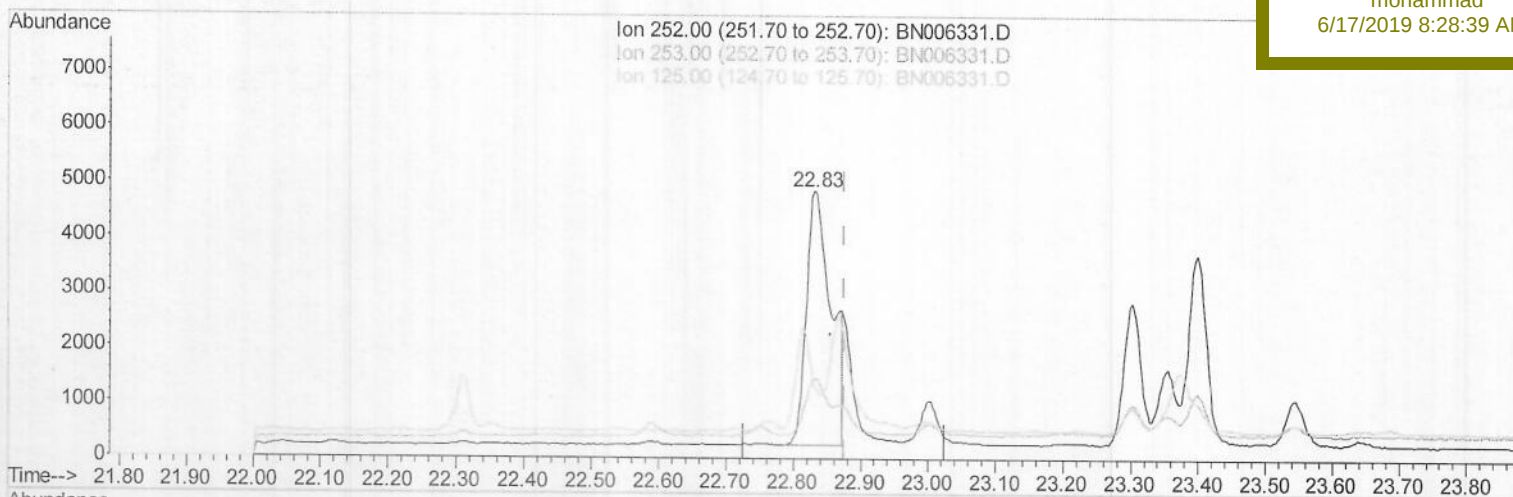
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
APPROVED

mohammad
6/17/2019 8:28:39 AM



(22) Benzo(k)fluoranthene

22.832min (-0.044) 0.30ng/ul

response 11779

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	29.34
125.00	17.90	26.32#
0.00	0.00	0.00

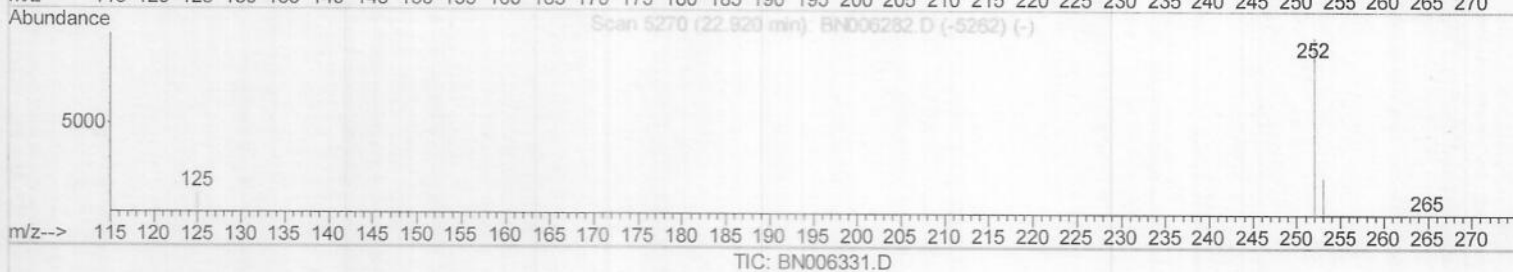
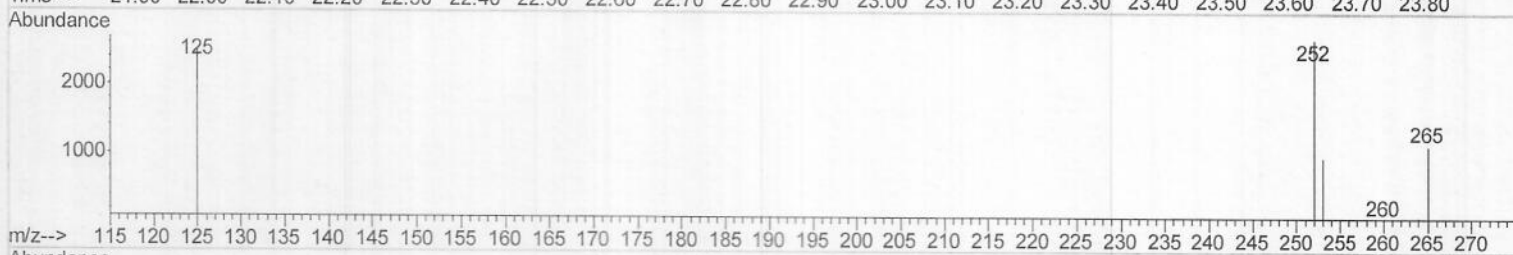
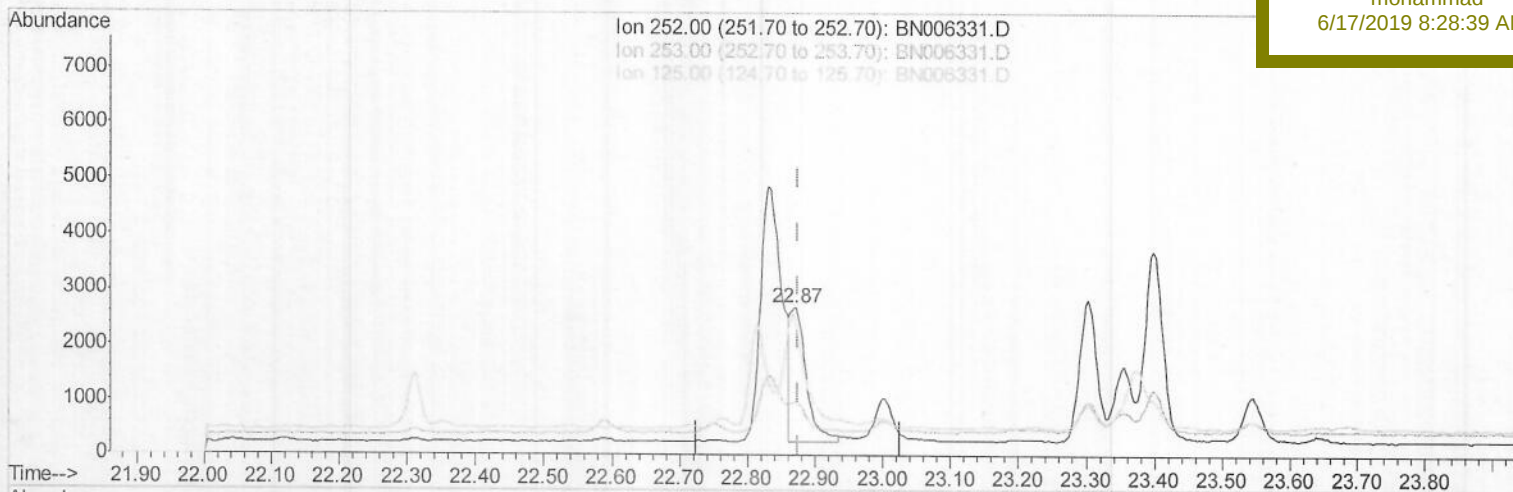
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
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6/17/2019 8:28:39 AM



(22) Benzo(k)fluoranthene

22.870min (-0.006) 0.10ng/ul m

JU06120119

response 4069

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	36.15#
125.00	17.90	93.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\

Data File : BN006331.D

Acq On : 14 Jun 2019 12:12

Operator : JU/SJ

Sample : K3332-02

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019

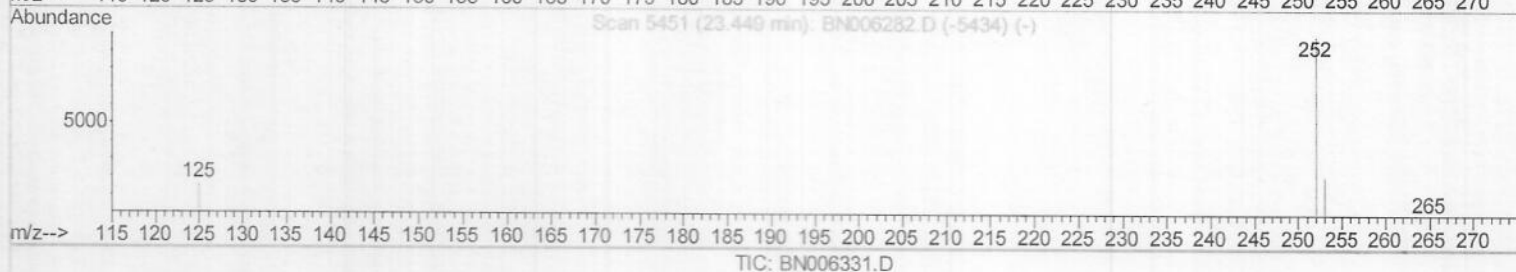
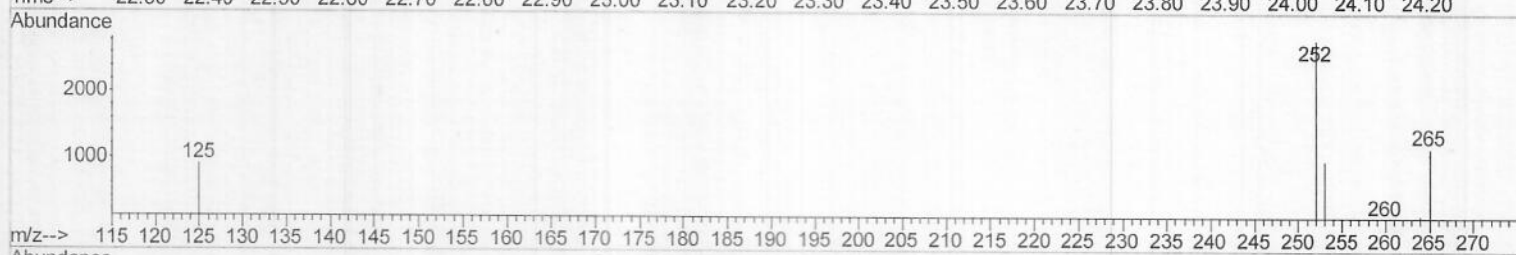
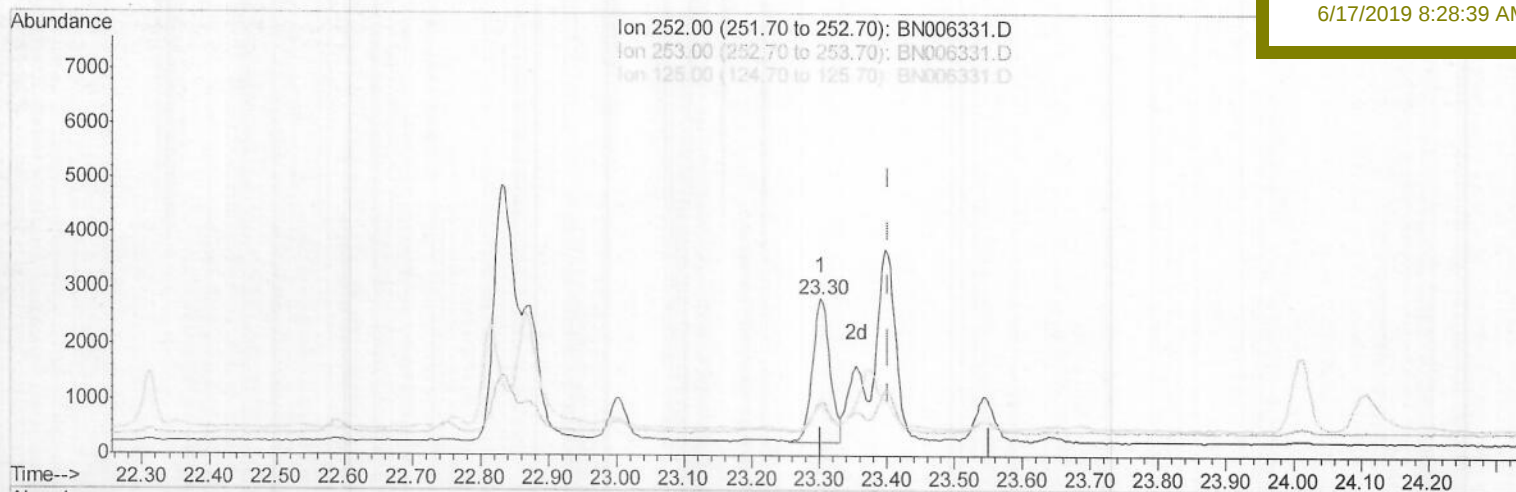
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4227

Manual Integrations
APPROVEDmohammad
6/17/2019 8:28:39 AM

(23) Benzo(a)pyrene (C)

23.302min (-0.100) 0.12ng/ul

response 4645

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	34.42#
125.00	25.40	31.70#
0.00	0.00	0.00

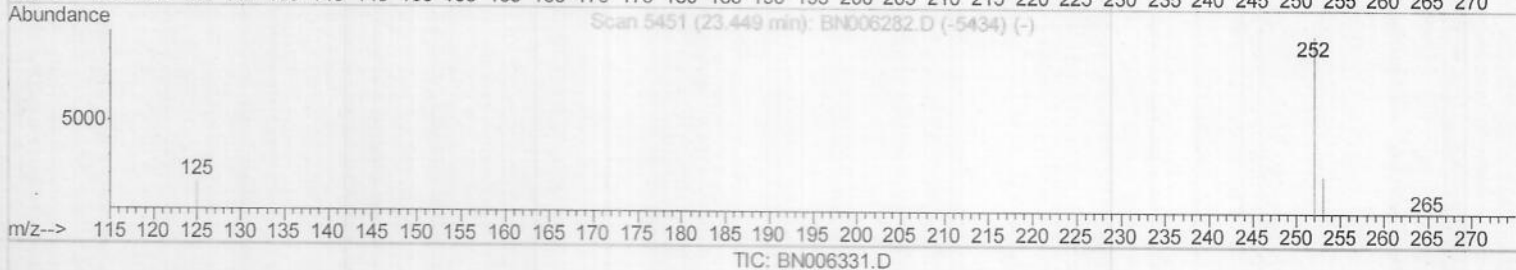
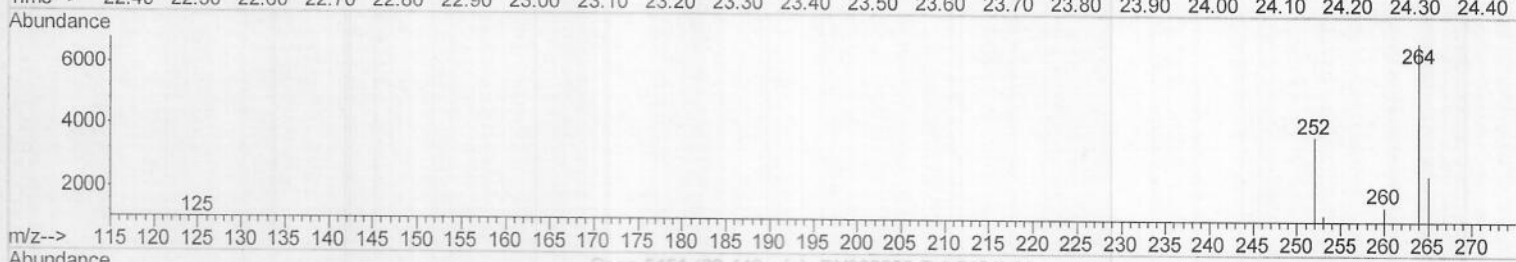
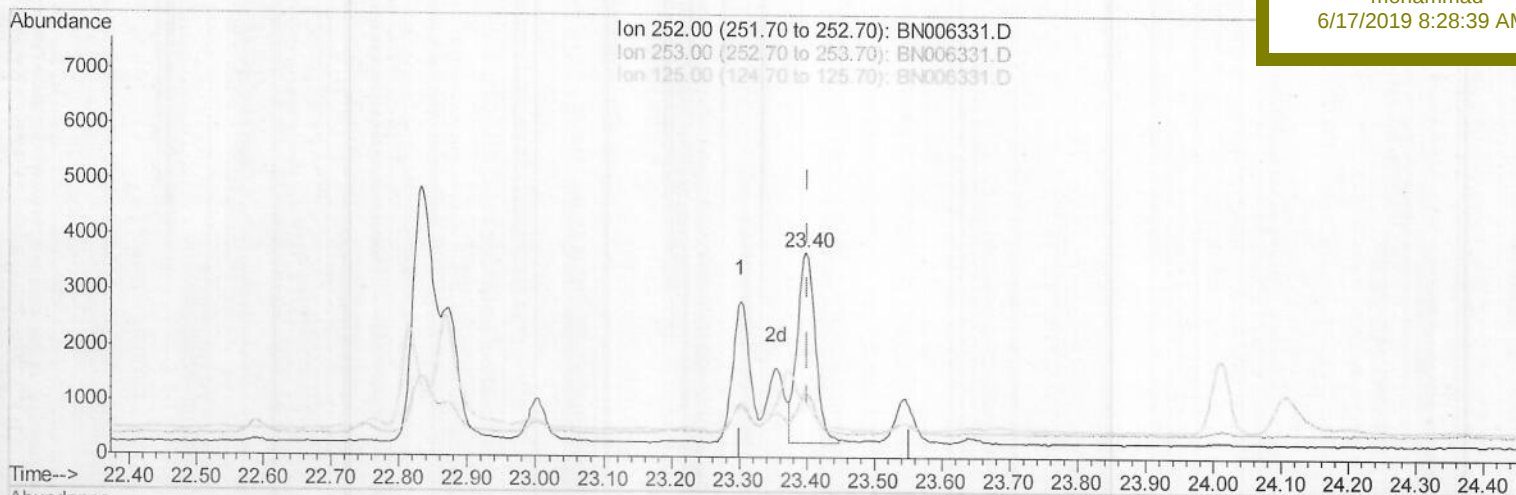
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
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6/17/2019 8:28:39 AM



(23) Benzo(a)pyrene (C)

23.399min (-0.003) 0.17ng/ul m

response 6479

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	31.95#
125.00	25.40	26.96
0.00	0.00	0.00

JU 06/20/19

Quantitation Report (Qedit)

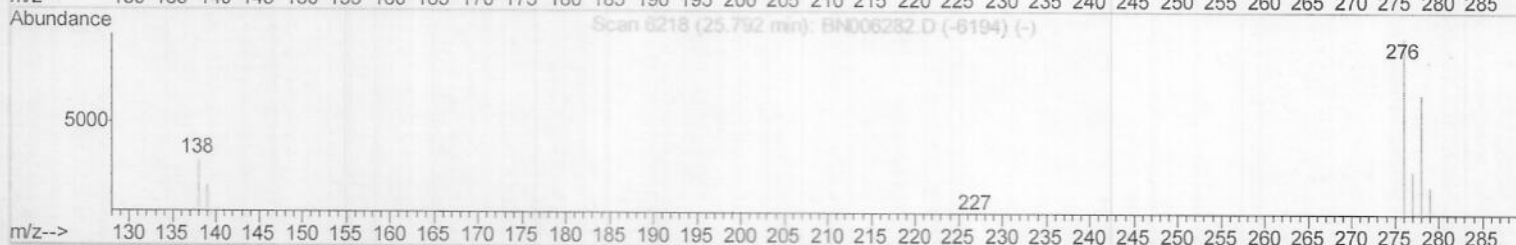
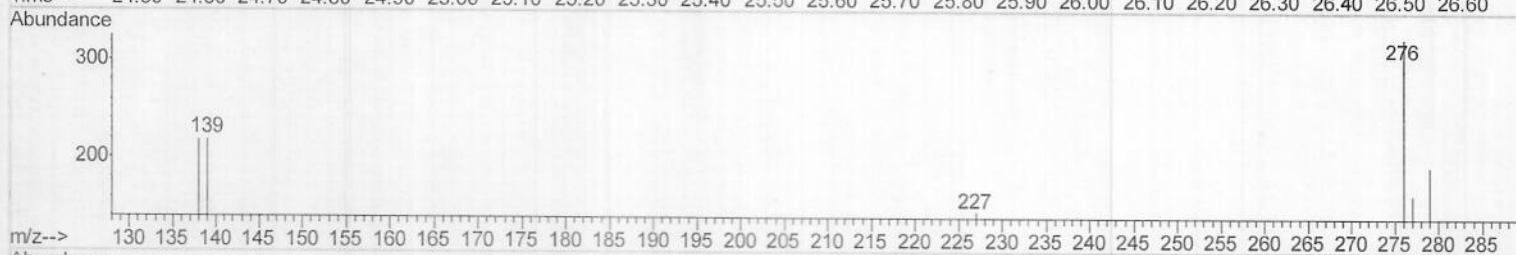
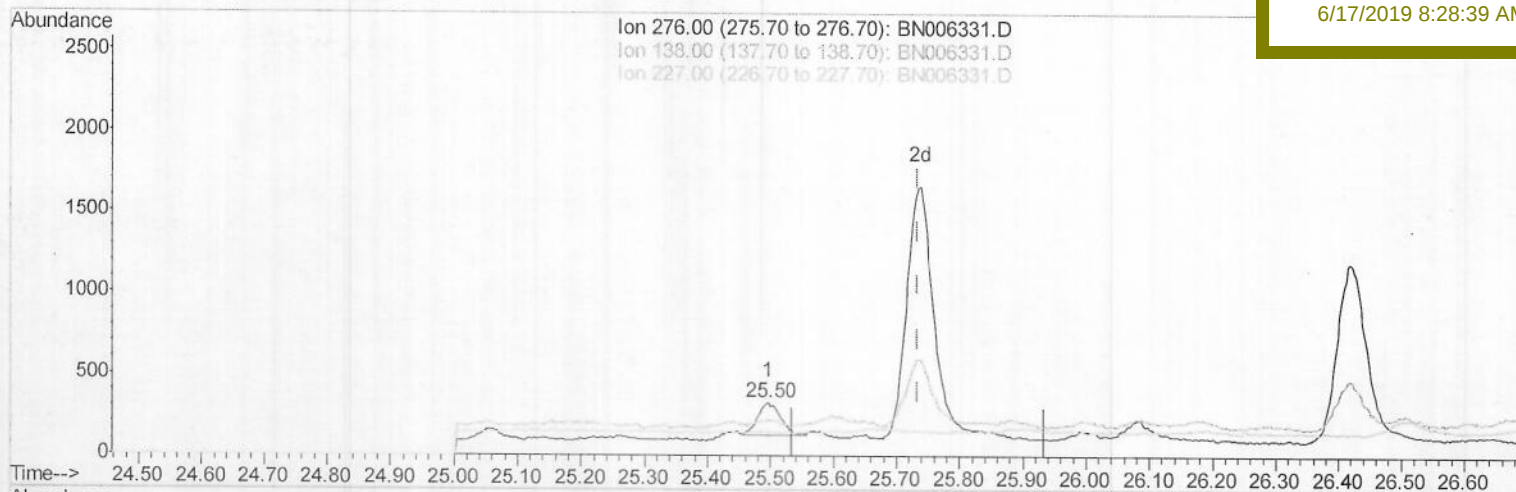
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006331.D
 Acq On : 14 Jun 2019 12:12
 Operator : JU/SJ
 Sample : K3332-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4227

Manual Integrations
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 6/17/2019 8:28:39 AM



TIC: BN006331.D

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

25.497min (-0.238) 0.01ng/ul

response 473

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	26.43
227.00	0.40	2.54#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\

Data File : BN006331.D

Acq On : 14 Jun 2019 12:12

Operator : JU/SJ

Sample : K3332-02

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019

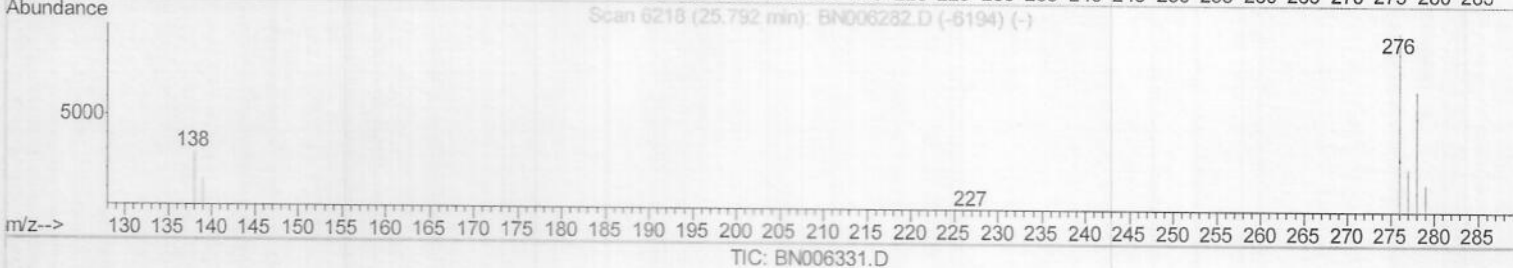
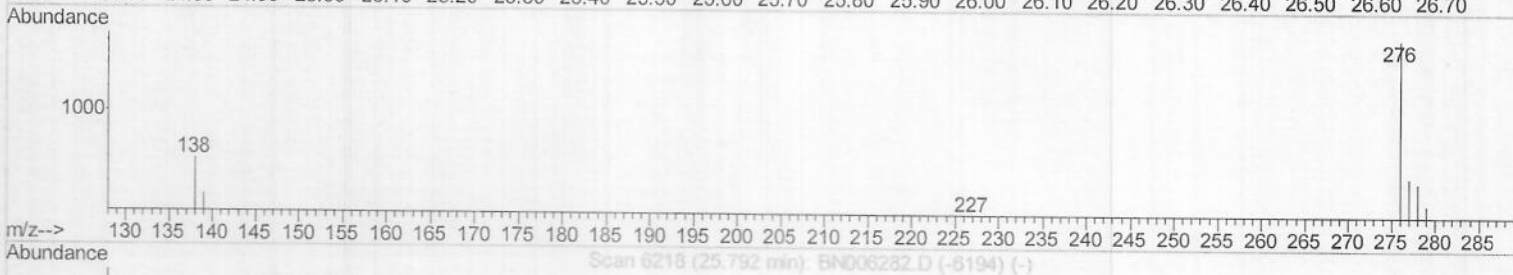
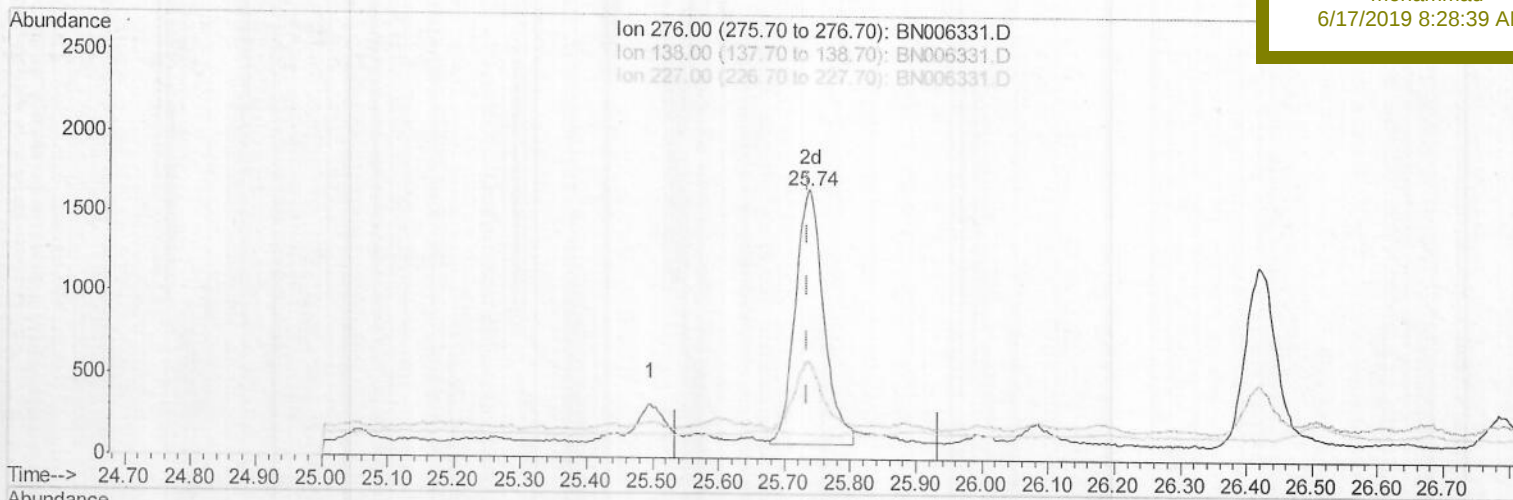
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4227

Manual Integrations
APPROVEDmohammad
6/17/2019 8:28:39 AM

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

25.738min (+0.003) 0.11ng/ul m

JU06/20119

response 4682

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	2.67#
227.00	0.40	0.26#
0.00	0.00	0.00

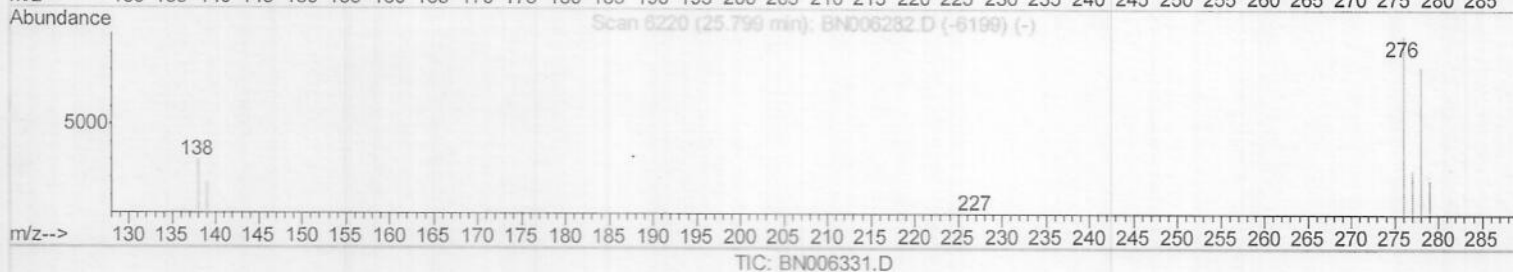
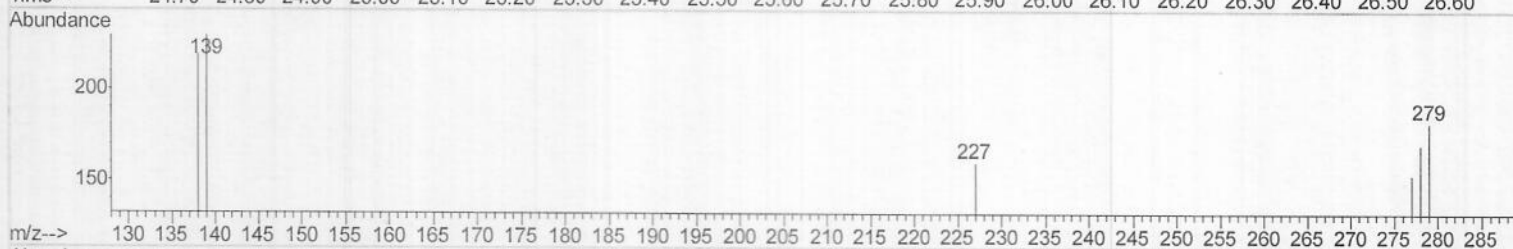
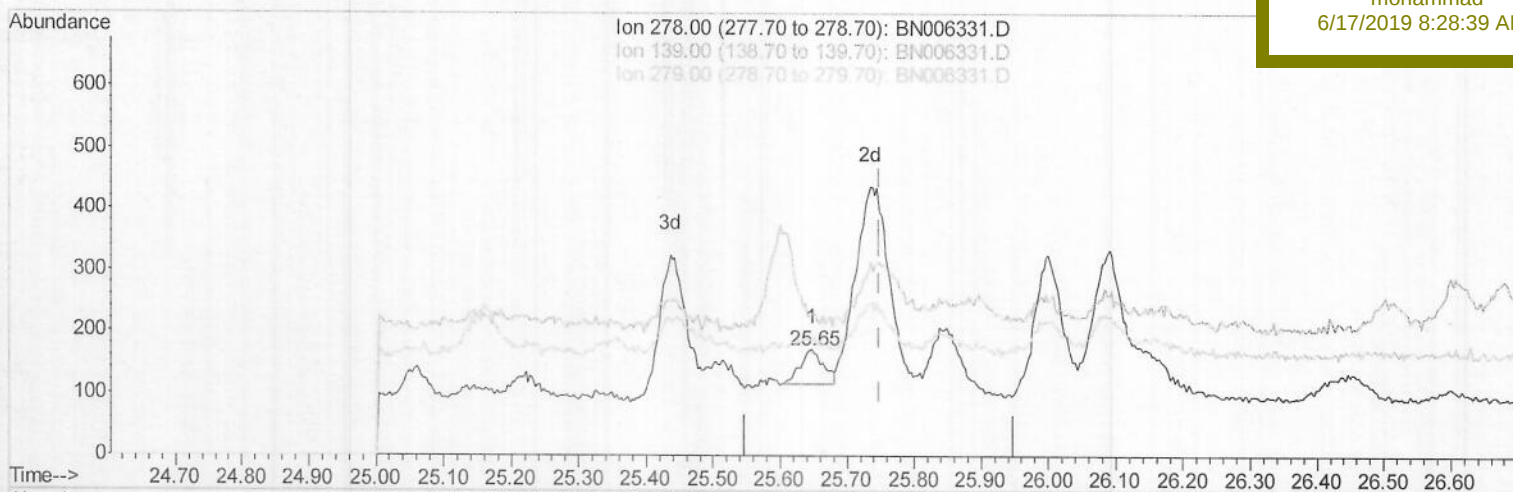
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A4227

Manual Integrations
APPROVED

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6/17/2019 8:28:39 AM



(25) Dibenzo(a,h)anthracene

25.648min (-0.101) 0.00ng/ul

response 127

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	134.71#
279.00	28.20	107.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\

Data File : BN006331.D

Acq On : 14 Jun 2019 12:12

Operator : JU/SJ

Sample : K3332-02

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019

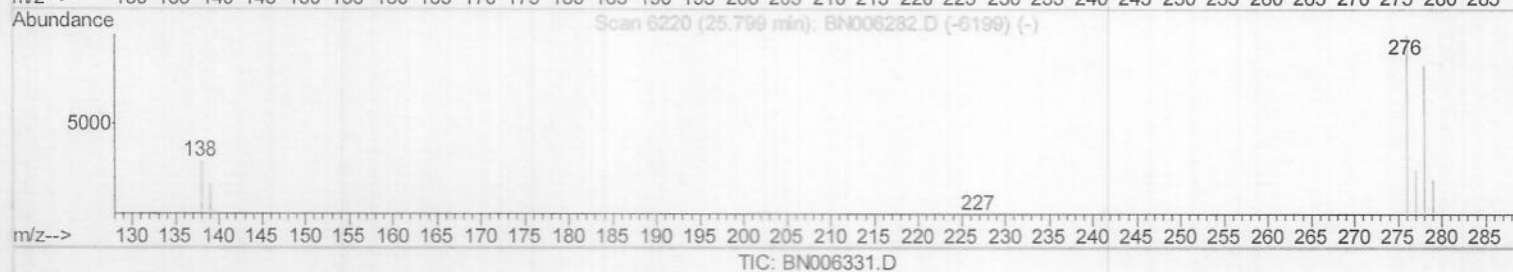
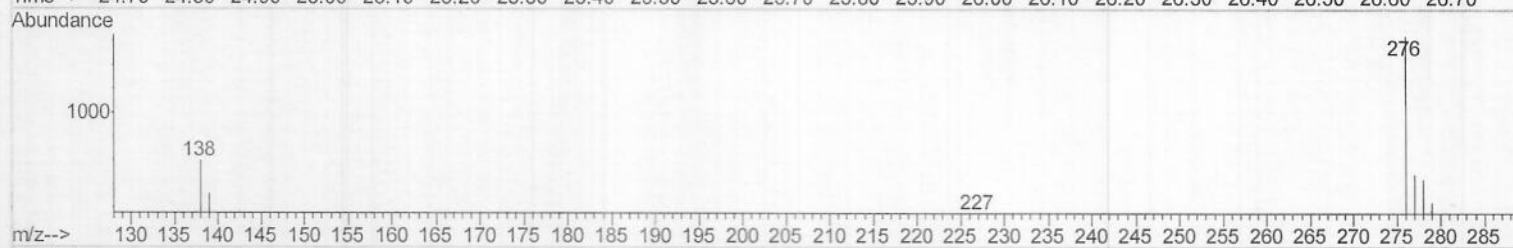
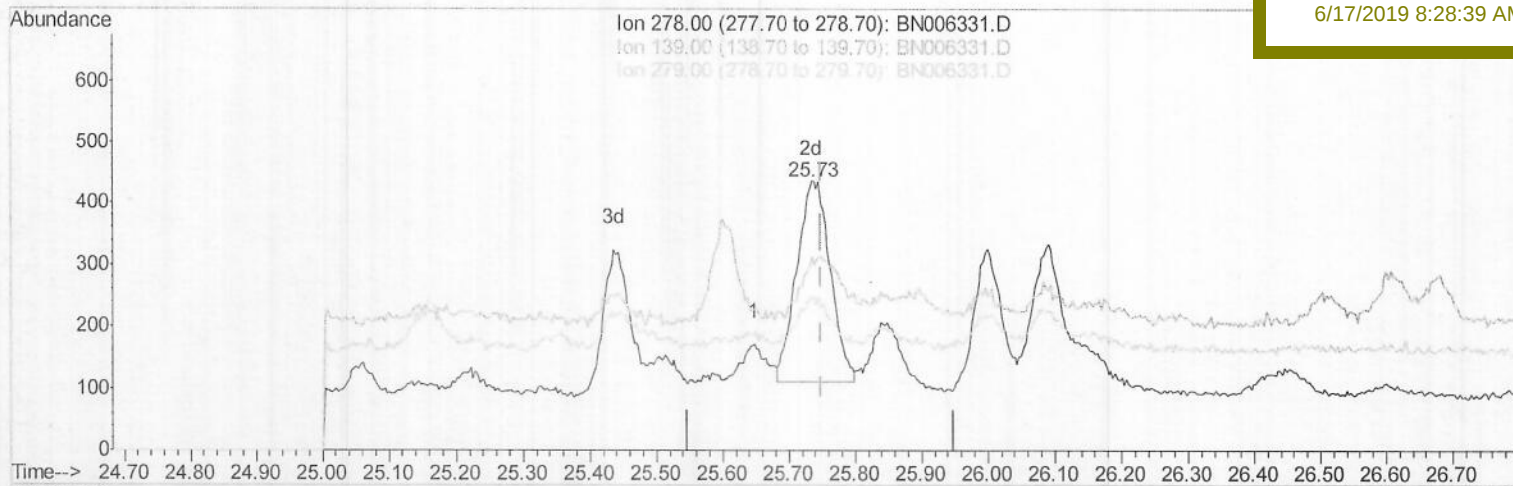
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4227

Manual Integrations
APPROVEDmohammad
6/17/2019 8:28:39 AM

(25) Dibenzo(a,h)anthracene

25.735min (-0.014) 0.03ng/ul m

)JU0620119

response 1129

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	71.79#
279.00	28.20	55.96#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\

Data File : BN006331.D

Acq On : 14 Jun 2019 12:12

Operator : JU/SJ

Sample : K3332-02

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019

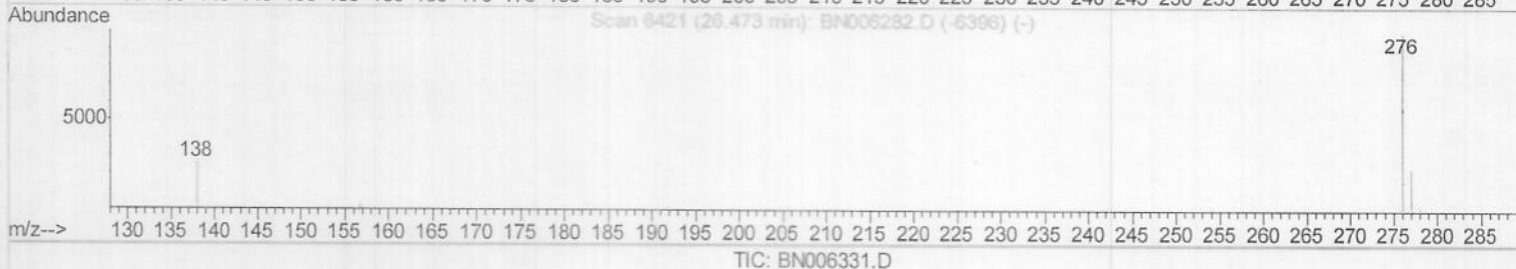
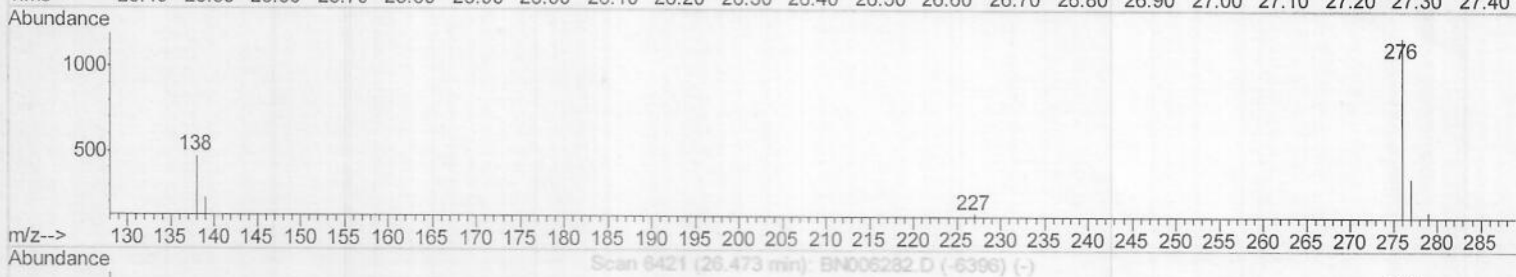
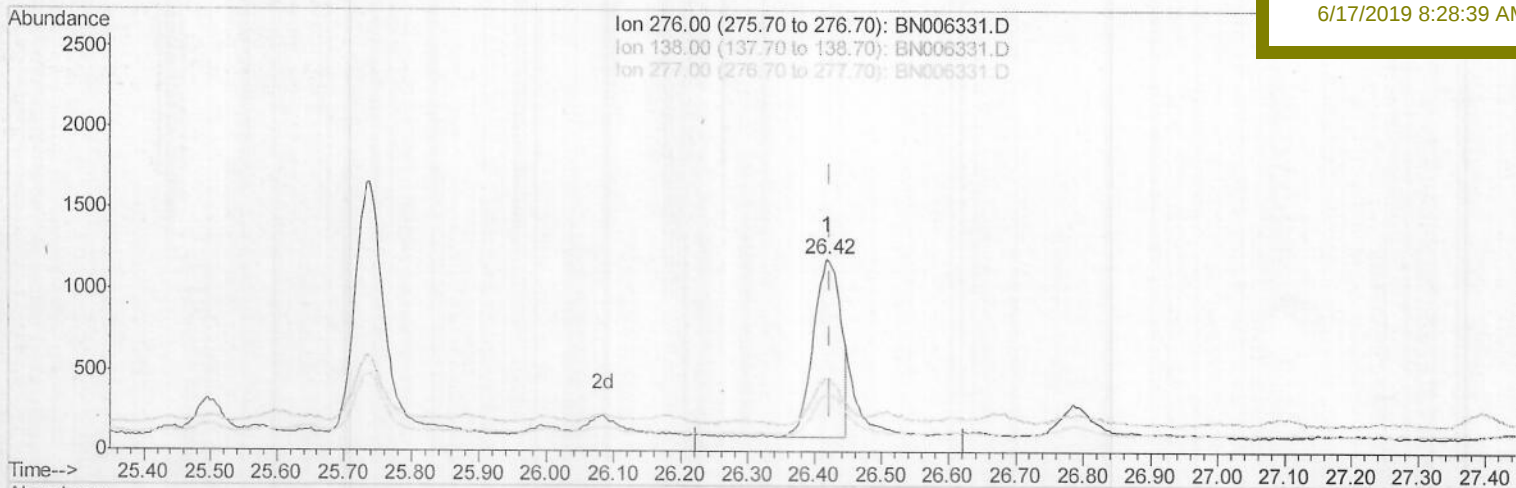
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4227

Manual Integrations
APPROVEDmohammad
6/17/2019 8:28:39 AM

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

26.419min (-0.004) 0.09ng/ul

response 3118

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	39.28#
277.00	26.90	29.65
0.00	0.00	0.00

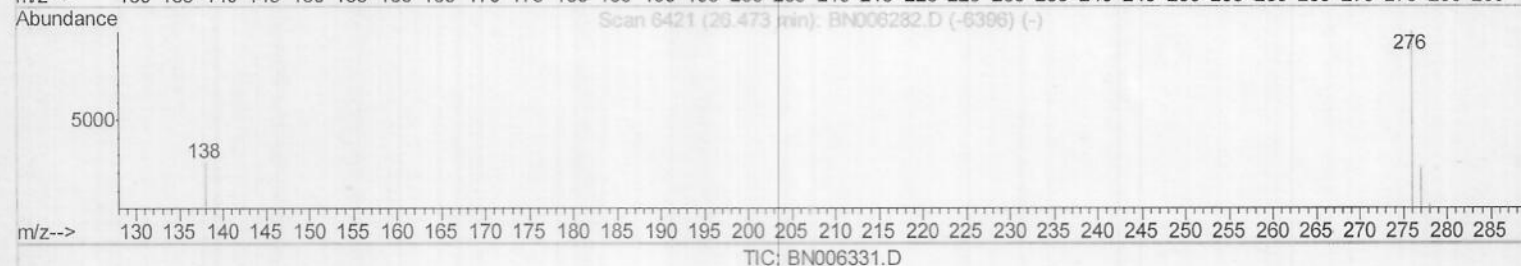
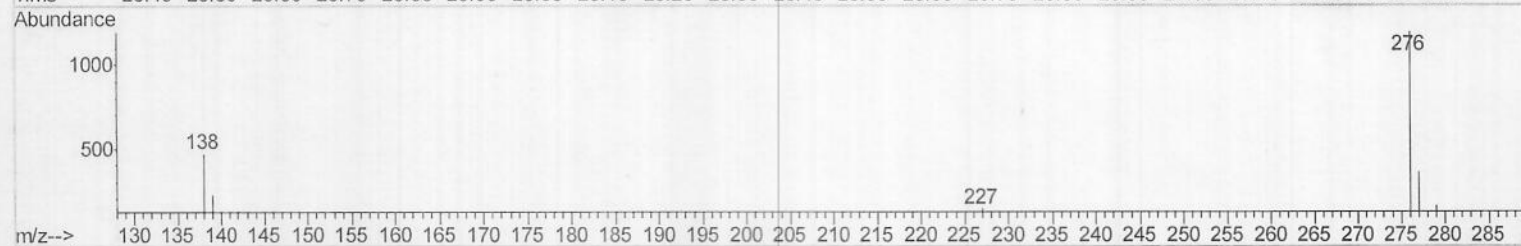
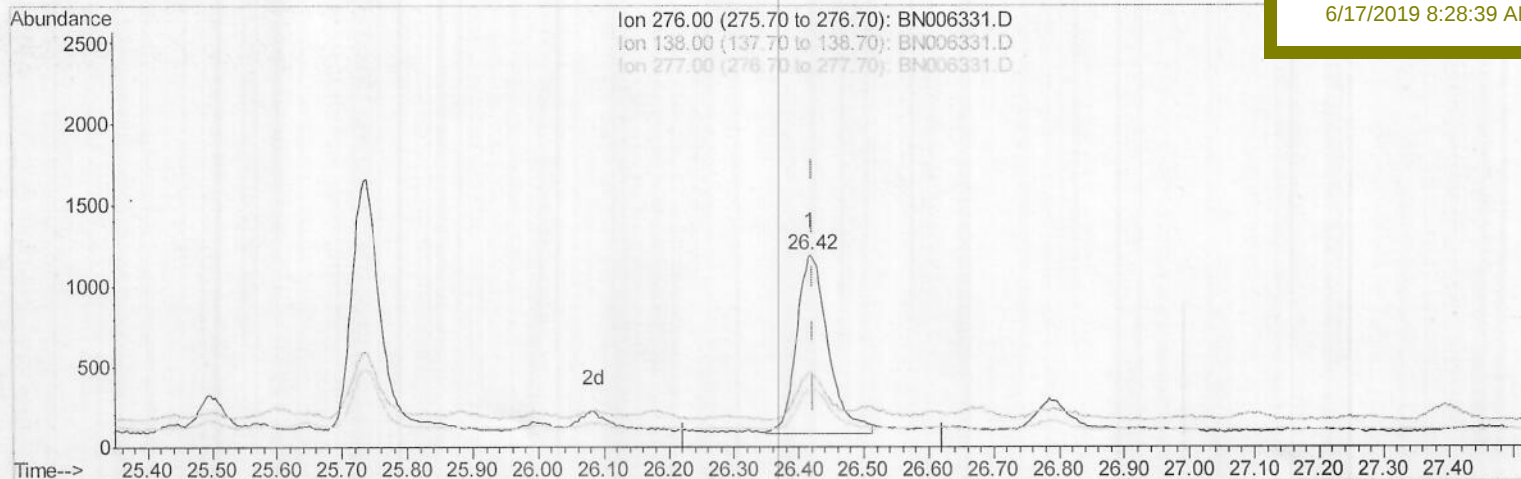
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:56:49 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4227

Manual Integrations
APPROVED

mohammad
6/17/2019 8:28:39 AM



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

26.419min (-0.004) 0.11ng/ul m

response 3771

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	39.28#
277.00	26.90	29.65
0.00	0.00	0.00

JU 06/20/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
 Data File : BN006331.D
 Acq On : 14 Jun 2019 12:12
 Operator : JU/SJ
 Sample : K3332-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4227

Manual Integrations
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 6/17/2019 8:28:39 AM

Quant Time: Jun 14 16:59:15 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 : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4441	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17120	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8439	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15049m)	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	10468m)	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	9747m)	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4724	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9213m)	0.23	ng/ul	0.00
Target Compounds						
7) Acenaphthylene	14.01	152	1212	0.026	ng/ul#	82
12) Phenanthrene	17.09	178	4753	0.098	ng/ul	95
13) Anthracene	17.18	178	1328m)	0.029	ng/ul	
15) Fluoranthene	19.12	202	15275m)	0.286	ng/ul	
17) Pyrene	19.49	202	14310	0.260	ng/ul	98
18) Benzo(a)anthracene	21.25	228	5946	0.128	ng/ul	96
19) Chrysene	21.30	228	7608	0.175	ng/ul	96
21) Benzo(b)fluoranthene	22.83	252	10327m)	0.254	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	4069m)	0.103	ng/ul	
23) Benzo(a)pyrene	23.40	252	6479m)	0.171	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	4682m)	0.114	ng/ul	
25) Dibenzo(a,h)anthracene	25.73	278	1129m)	0.034	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	3771m)	0.110	ng/ul	

JUN 16/2019

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