

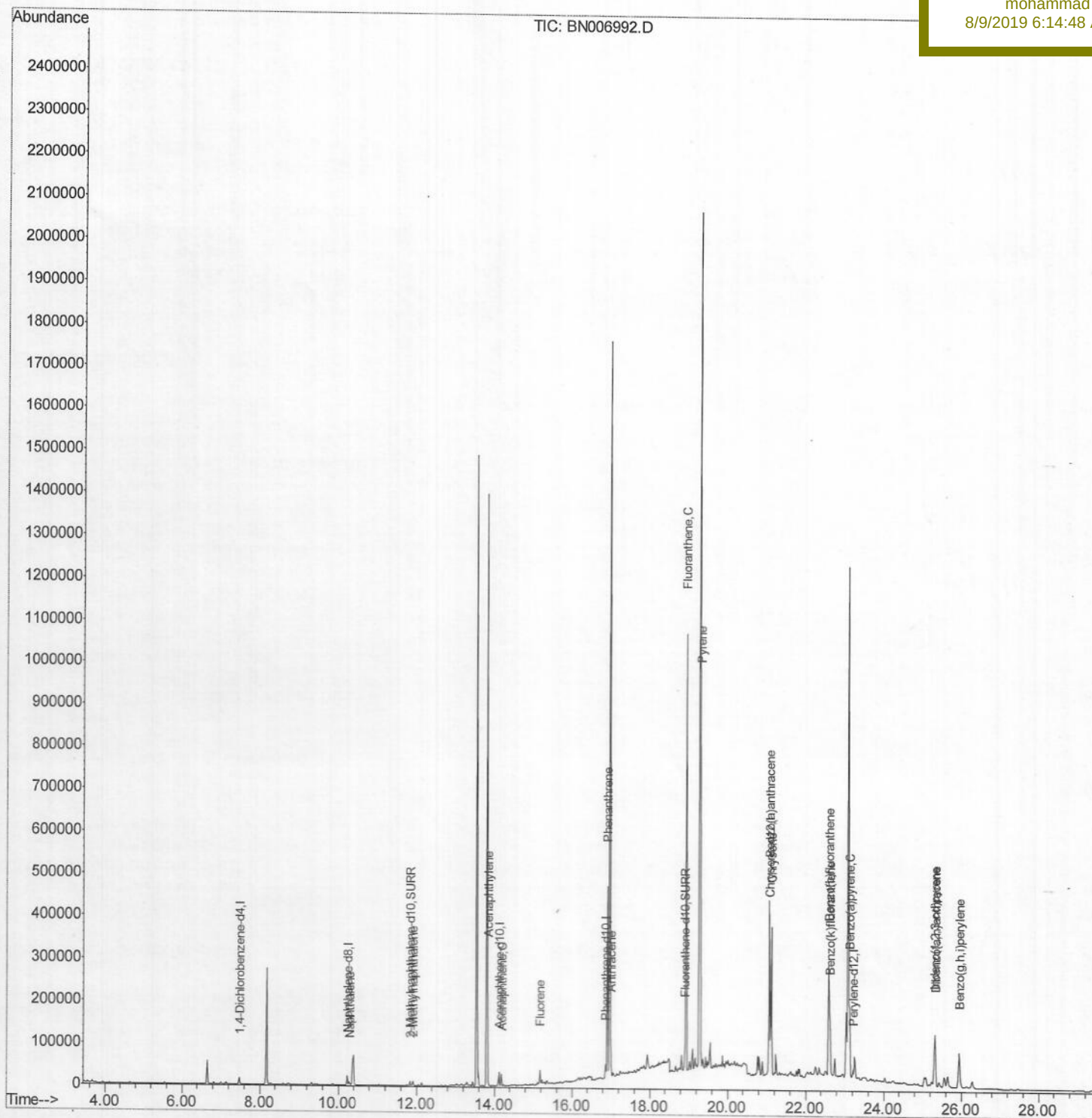
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006992.D
Acq On : 07 Aug 2019 17:57
Operator : HP/JU
Sample : K3893-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:35:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
BEP17

Manual Integrations
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Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:29:09 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

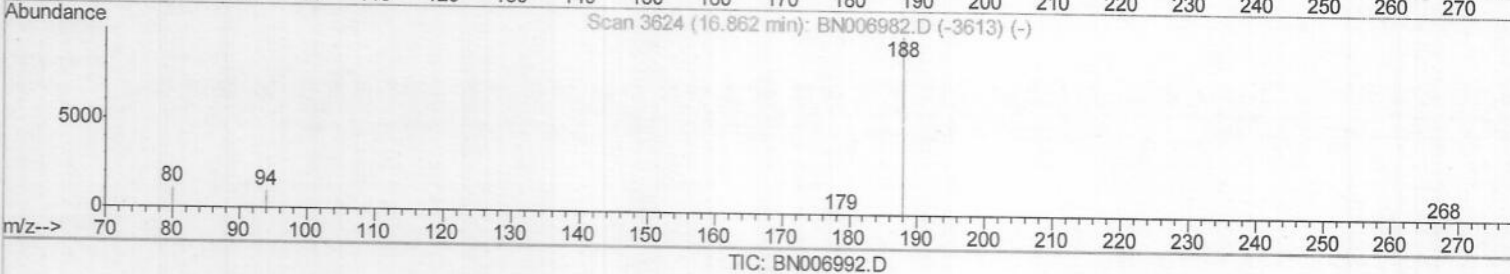
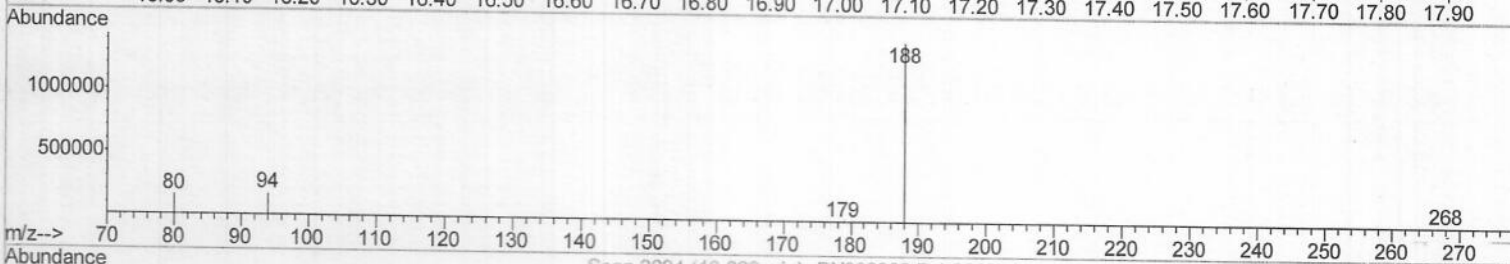
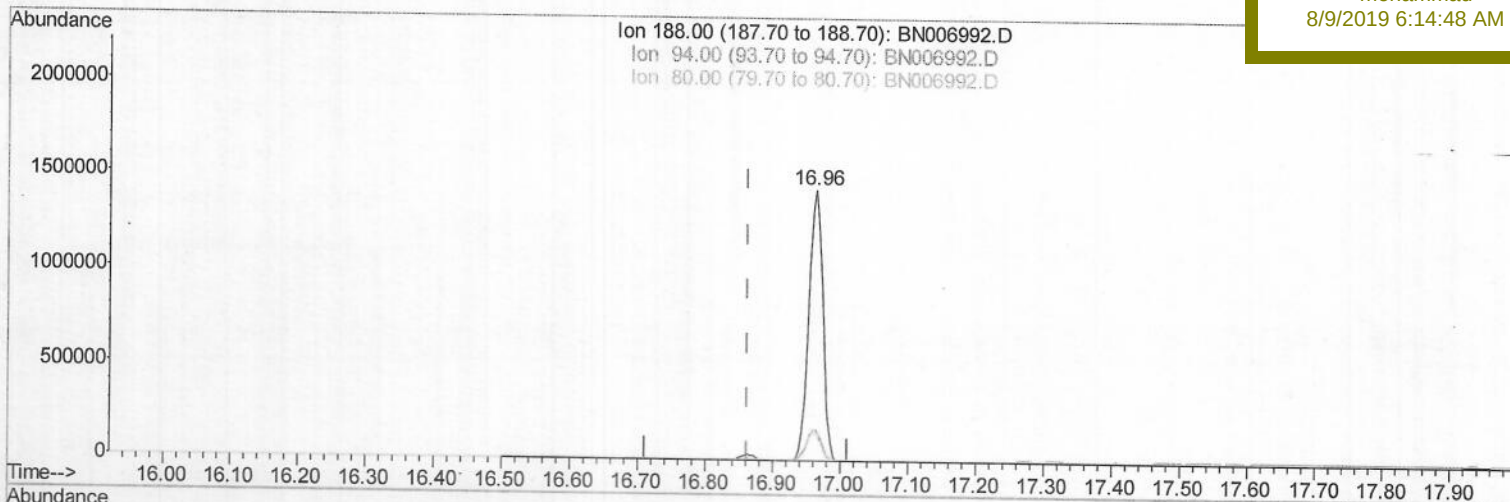
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17

Manual Integrations
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(10) Phenanthrene-d10 (I)

16.964min (+0.101) 0.40ng/ul

response 2050178

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.90
80.00	12.40	10.71
0.00	0.00	0.00

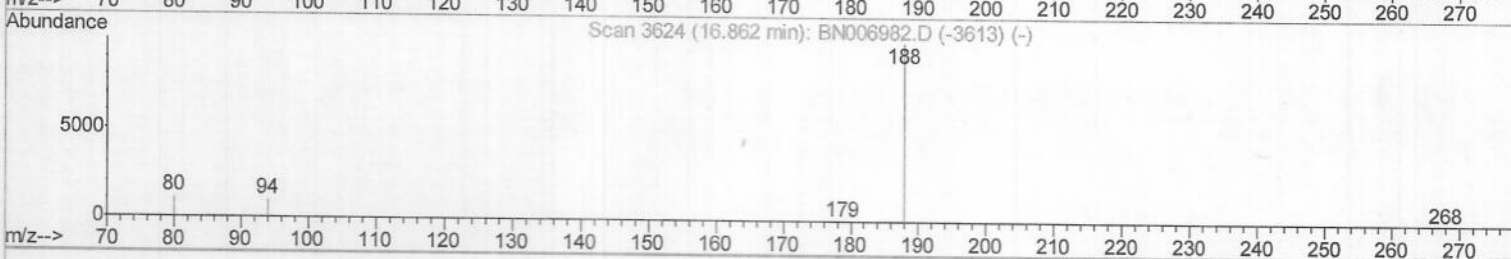
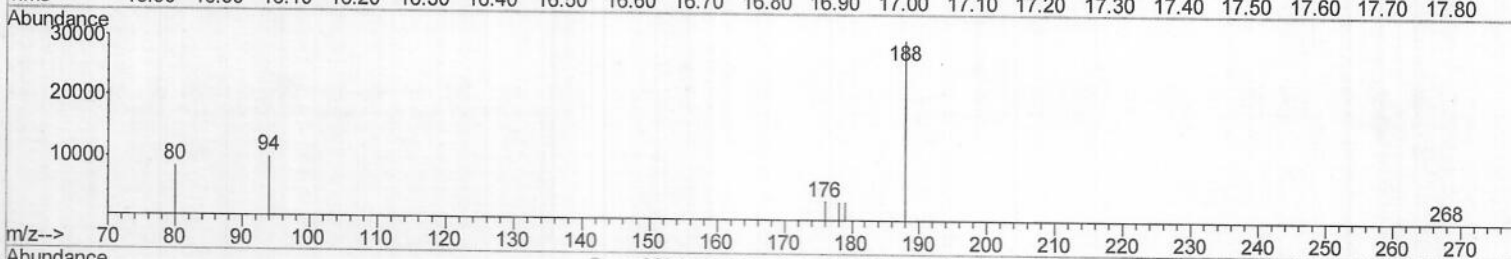
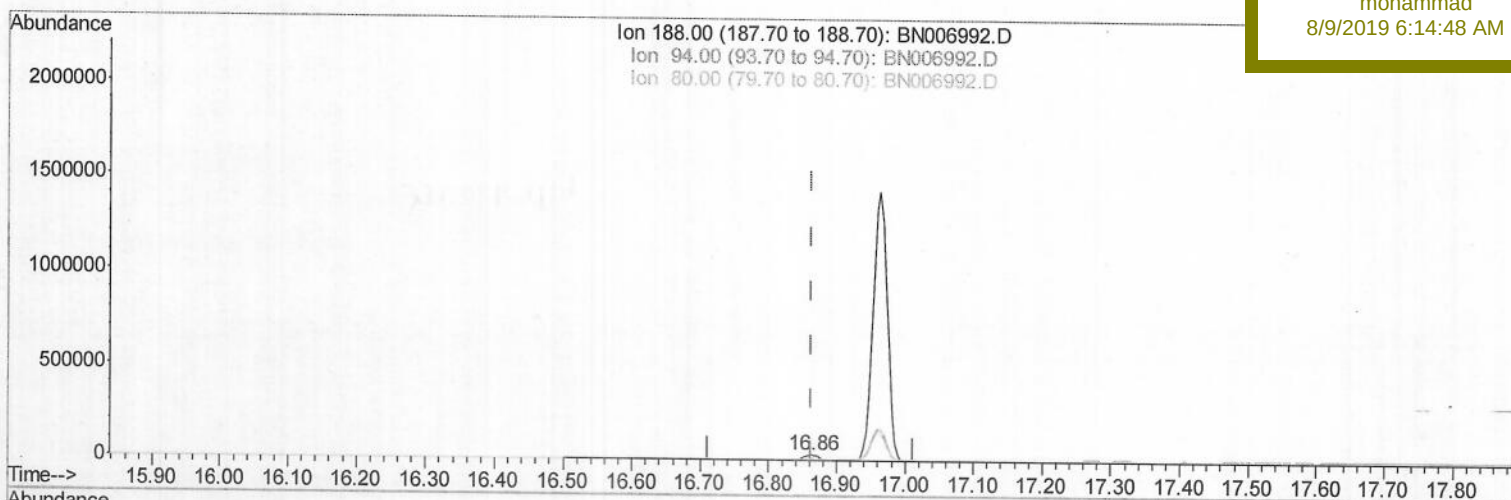
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006992.D
Acq On : 07 Aug 2019 17:57
Operator : HP/JU
Sample : K3893-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:29:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP17

Manual Integrations
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TIC: BN006992.D

(10) Phenanthrene-d10 (I)

16.862min (-0.000) 0.40ng/ul m) JU
08/08/19

response 45826

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	33.46#
80.00	12.40	27.96#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:29:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

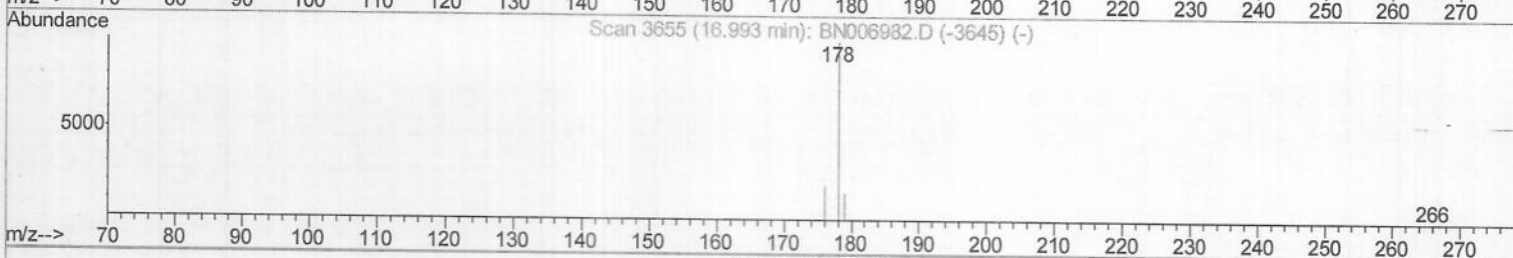
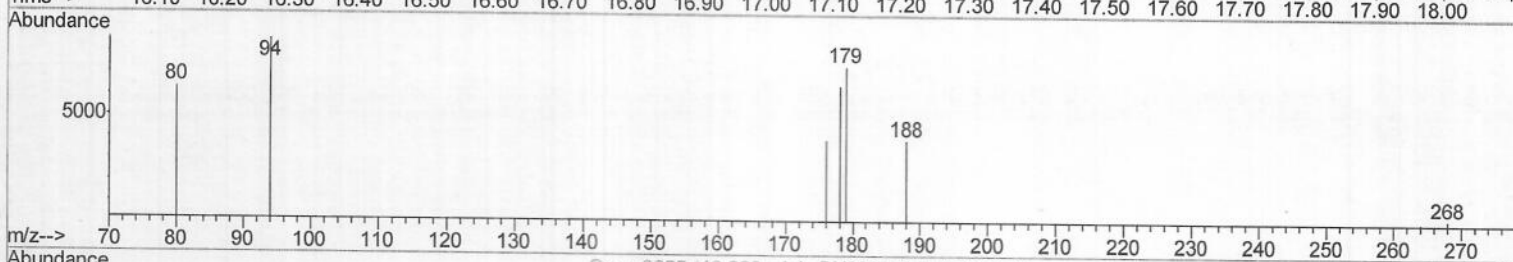
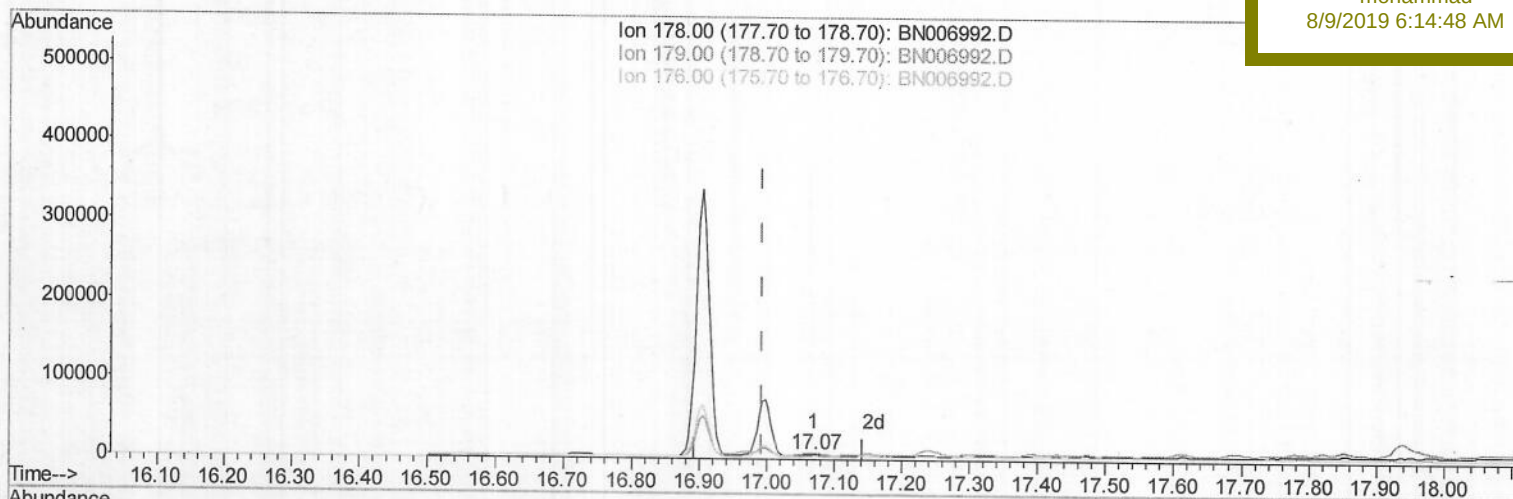
BEP17

Manual Integrations

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TIC: BN006992.D

(13) Anthracene

17.069min (+0.076) 0.03ng/ul

response 4721

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	114.29#
176.00	19.20	61.32#
0.00	0.00	0.00

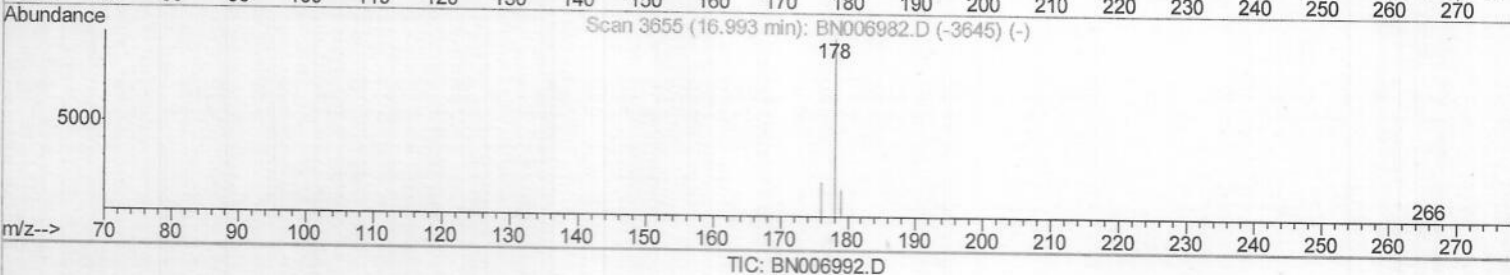
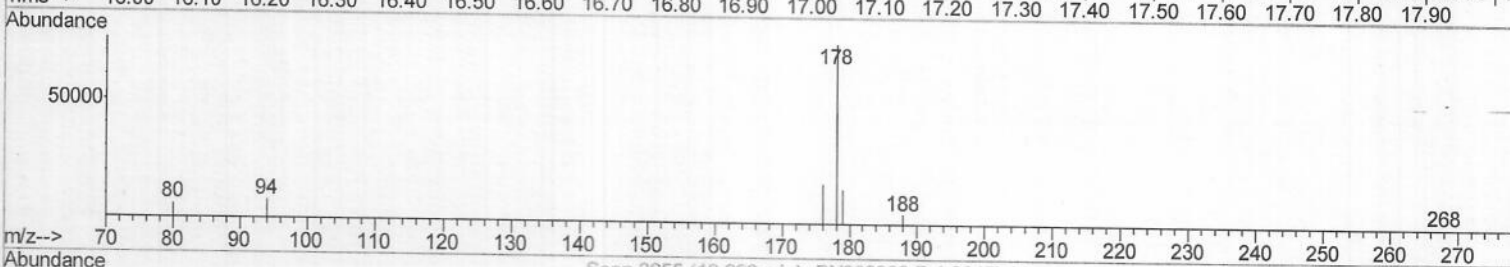
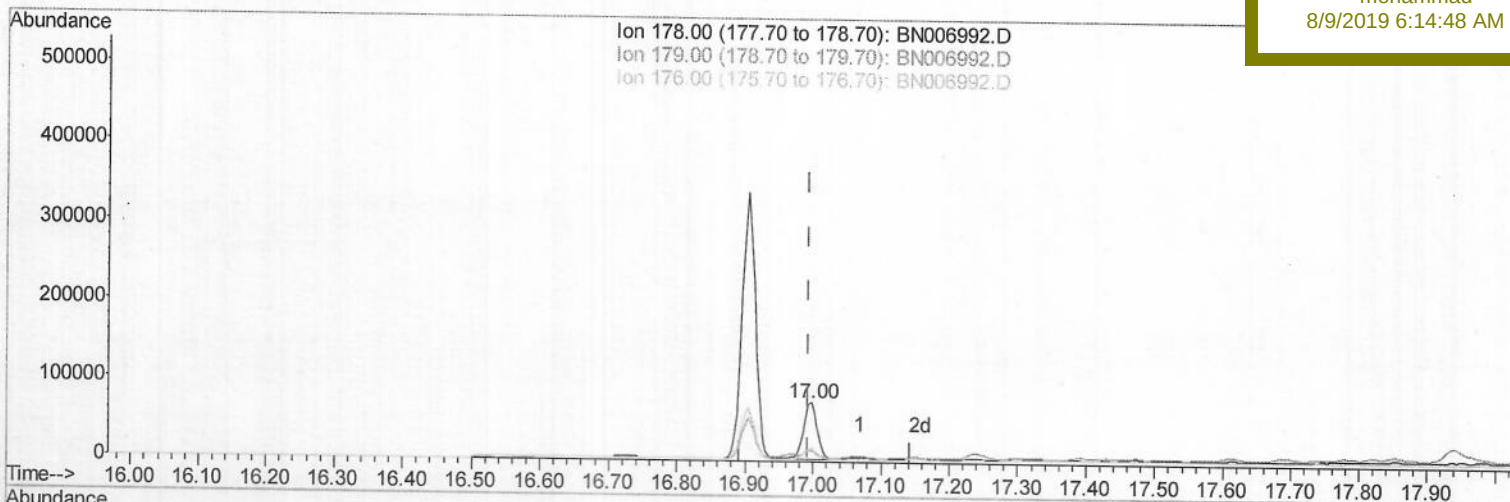
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006992.D
Acq On : 07 Aug 2019 17:57
Operator : HP/JU
Sample : K3893-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:29:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampled :
BEP17

Manual Integrations
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(13) Anthracene

16.997min (+0.004) 0.66ng/ul m) JU
08/08/19

response 99223

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	19.22#
176.00	19.20	22.18
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:29:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

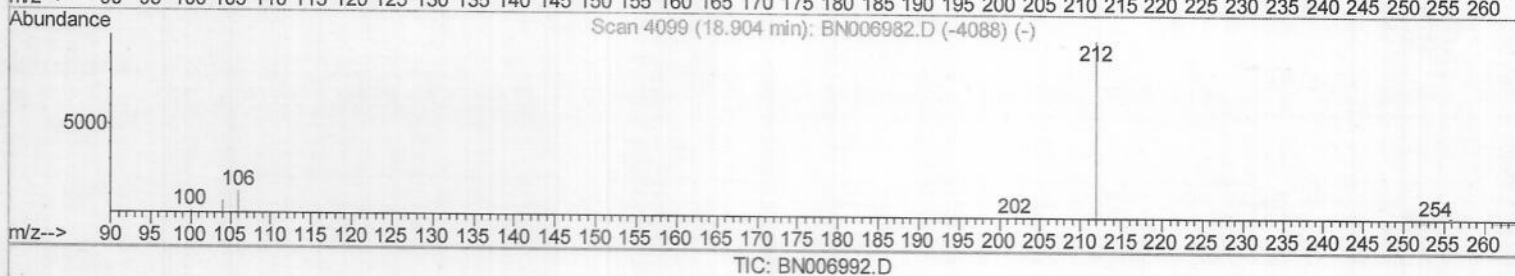
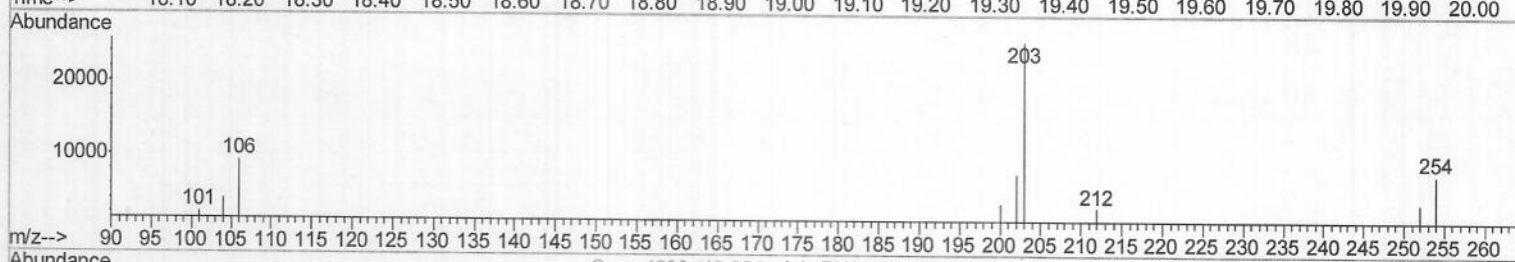
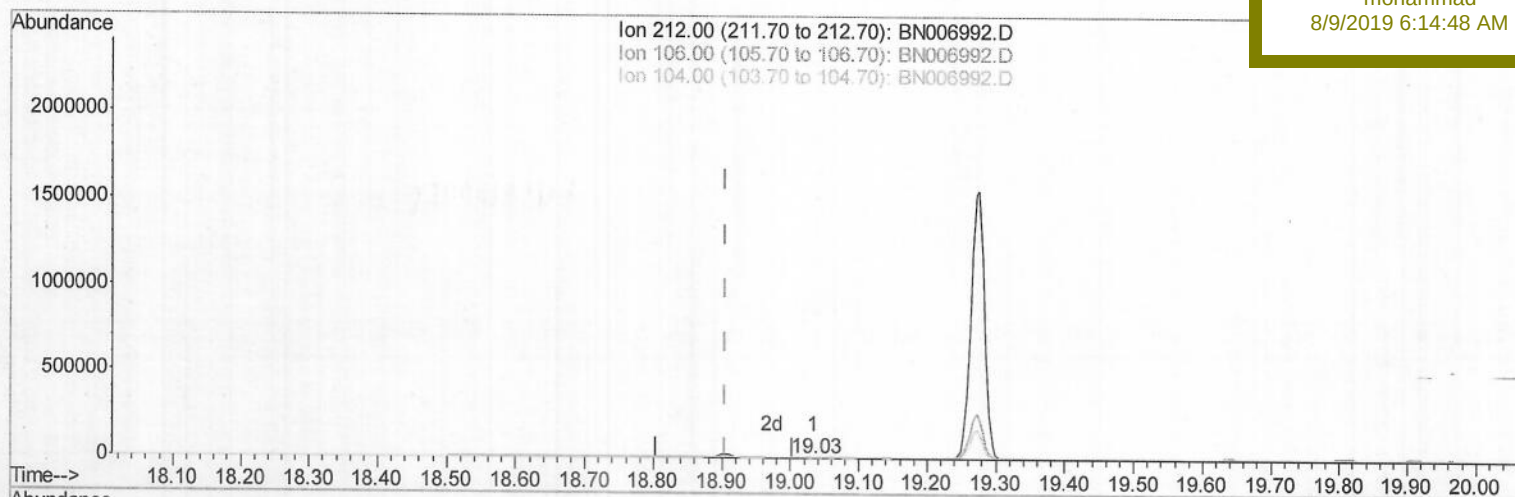
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17

Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.034min (+0.130) 0.00ng/ul

response 347

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	627.67#
104.00	7.10	138.90#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:29:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

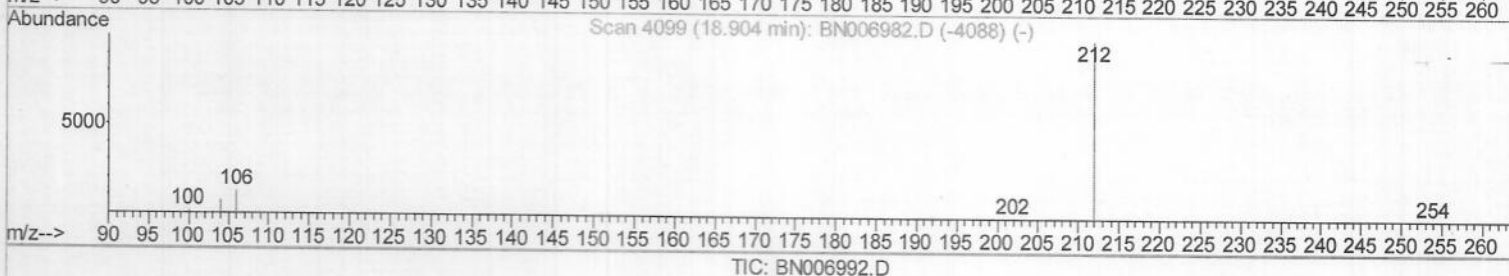
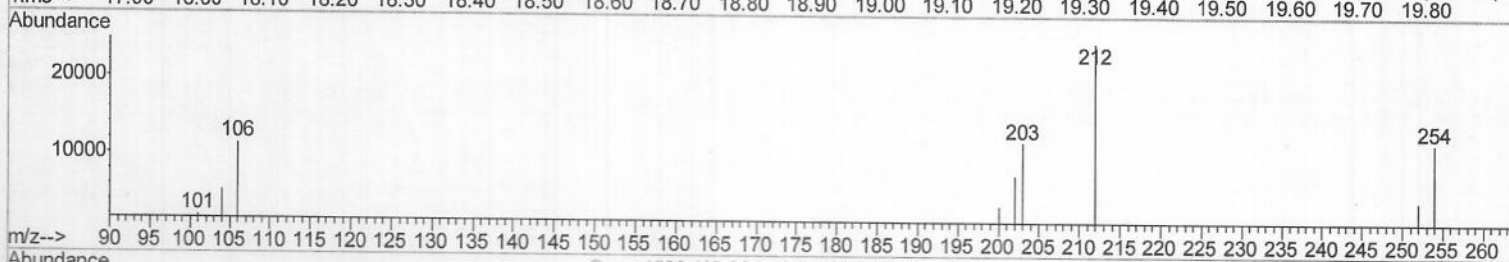
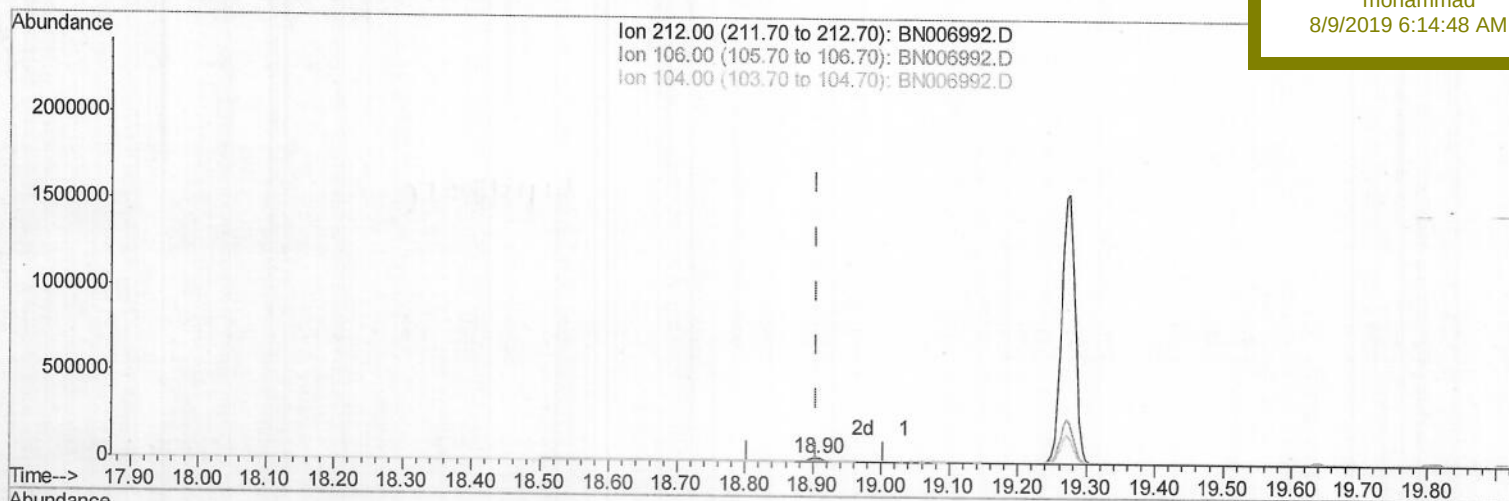
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17

Manual Integrations
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(14) Fluoranthene-d10 (SURR)

18.904min (-0.000) 0.21ng/ul m) JU

response 30764

08/08/19

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	7.08#
104.00	7.10	1.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:29:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

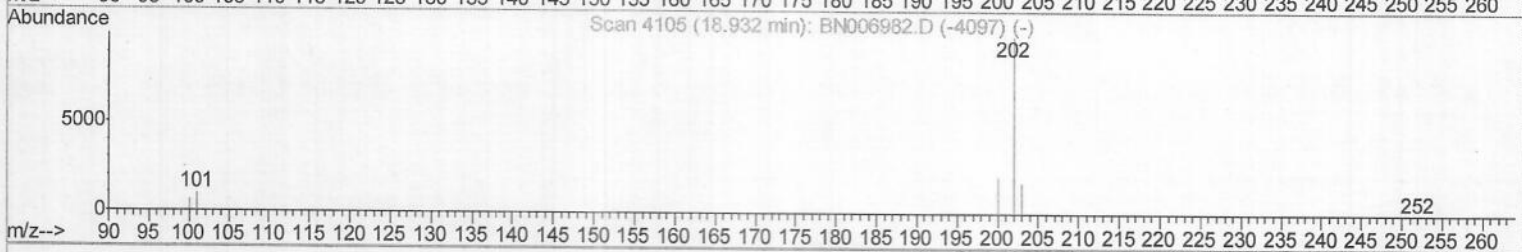
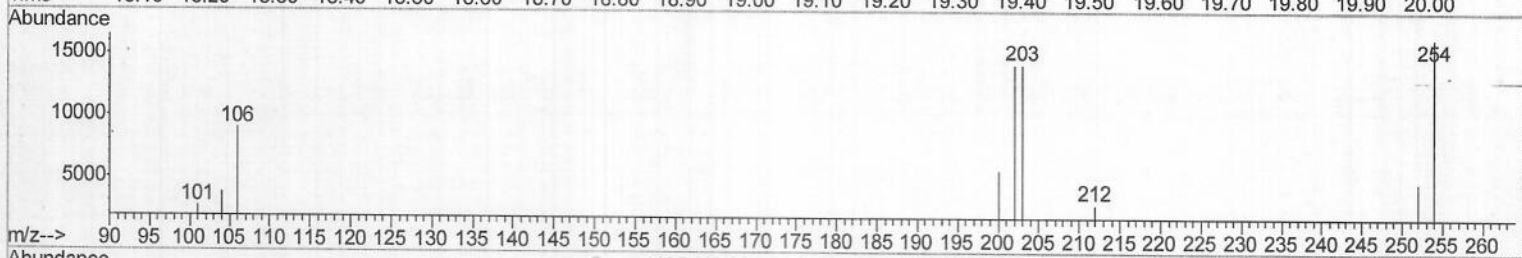
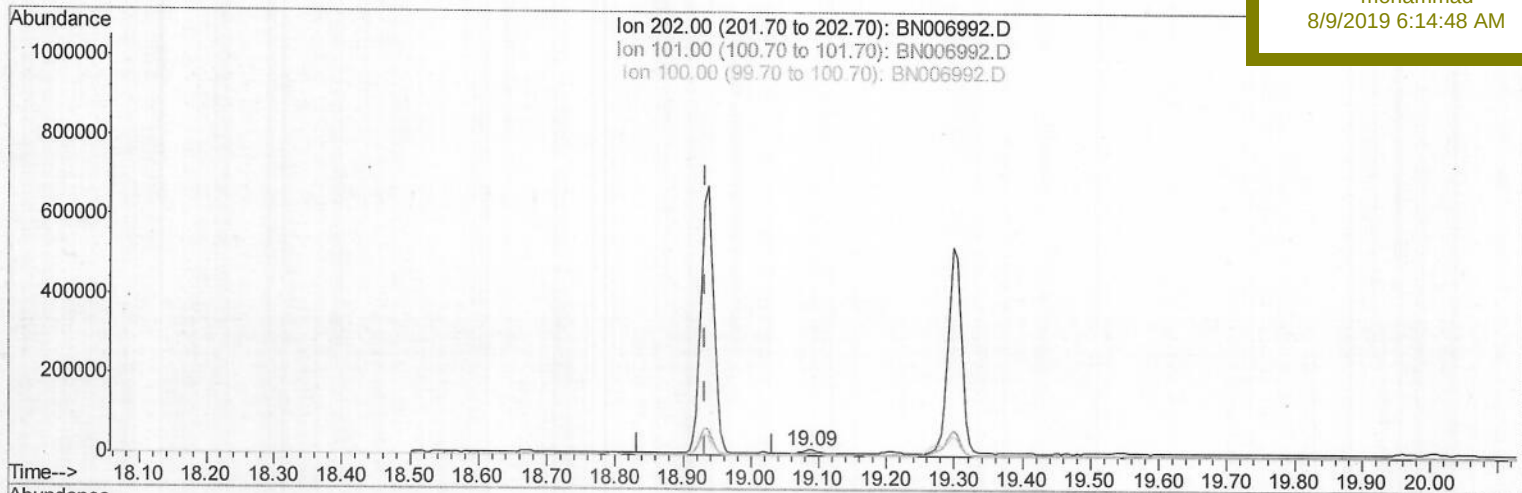
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

BEP17

Manual Integrations
APPROVEDmohammad
8/9/2019 6:14:48 AM

TIC: BN006992.D

(15) Fluoranthene (C)

19.086min (+0.153) 0.06ng/ul

response 10208

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	18.27
100.00	7.70	12.78
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:29:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

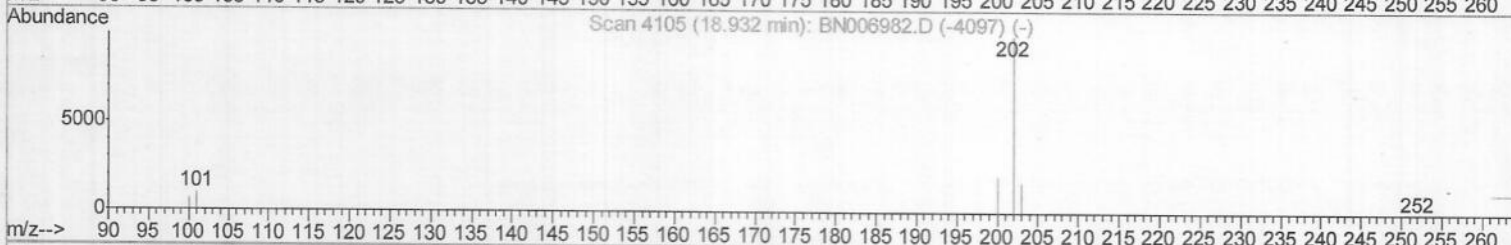
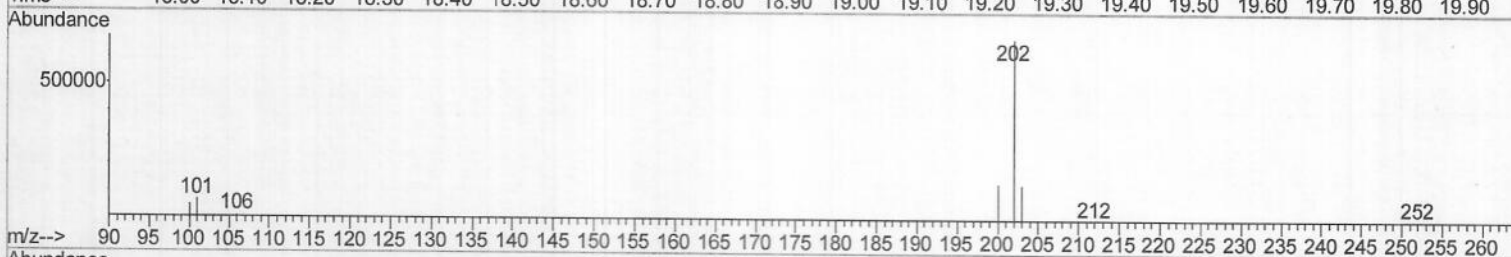
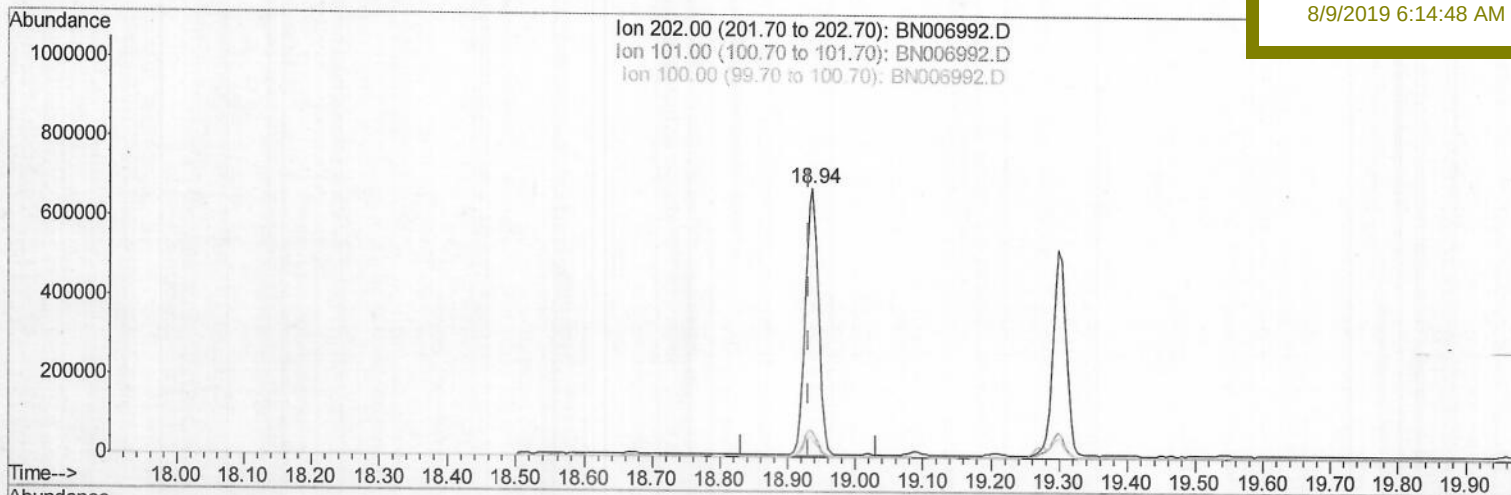
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17

Manual Integrations
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TIC: BN006992.D

(15) Fluoranthene (C)

18.937min (+0.005) 5.00ng/ul m)JU
08/08/19

response 908362

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	9.76
100.00	7.70	7.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:29:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

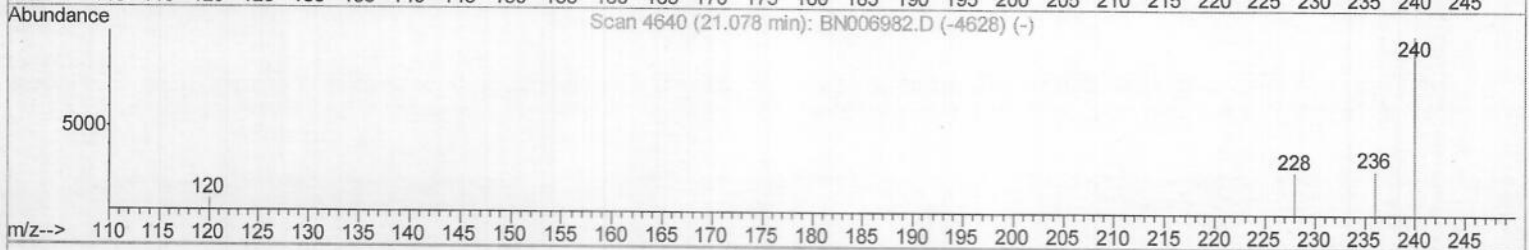
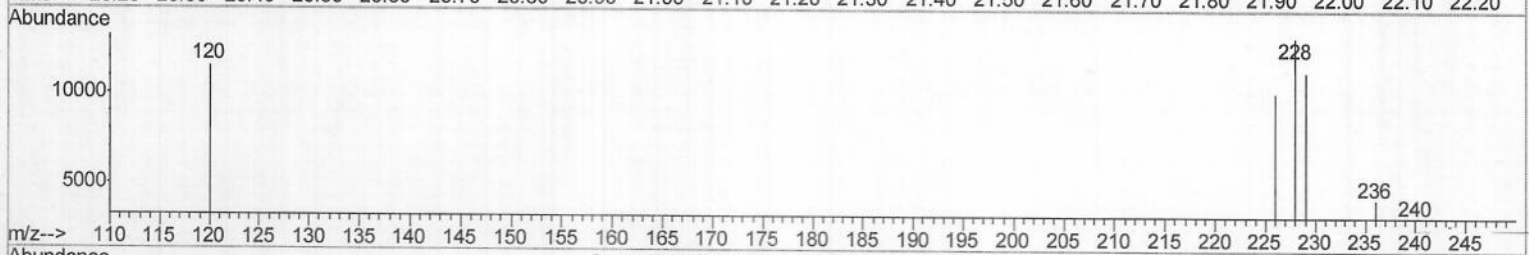
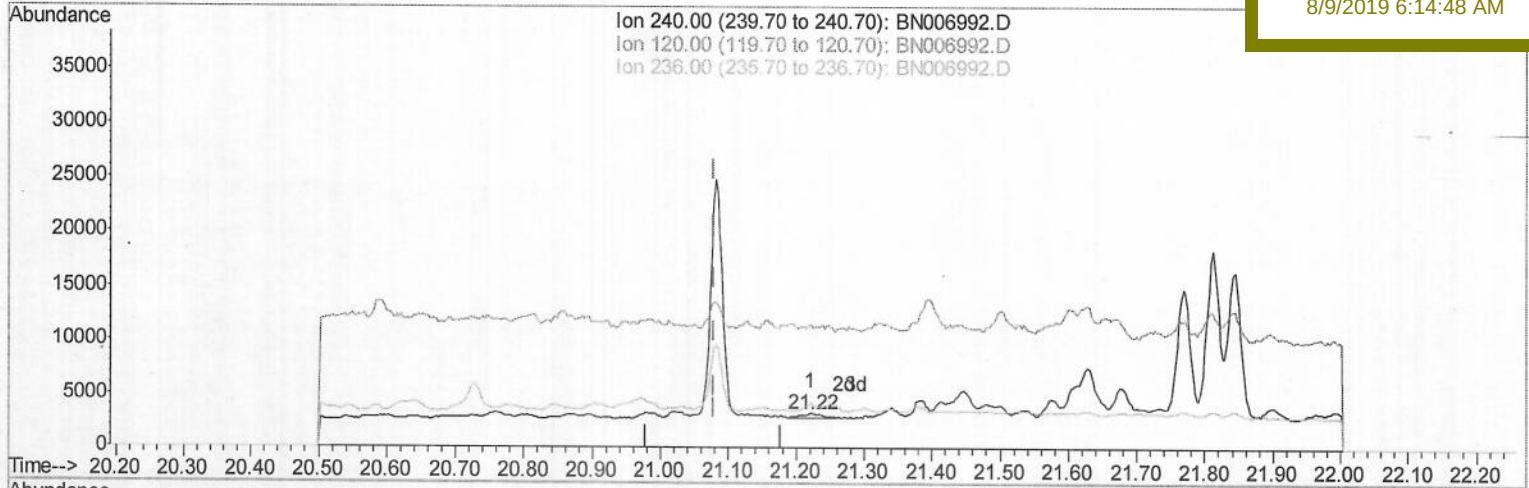
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Manual Integrations

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TIC: BN006992.D

(16) Chrysene-d12 (I)

21.222min (+0.143) 0.40ng/ul

response 754

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	356.97#
236.00	29.00	131.33#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:29:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

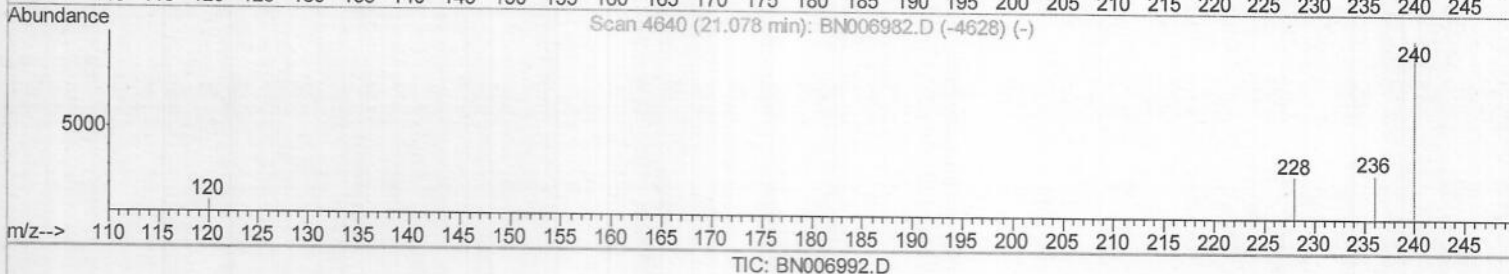
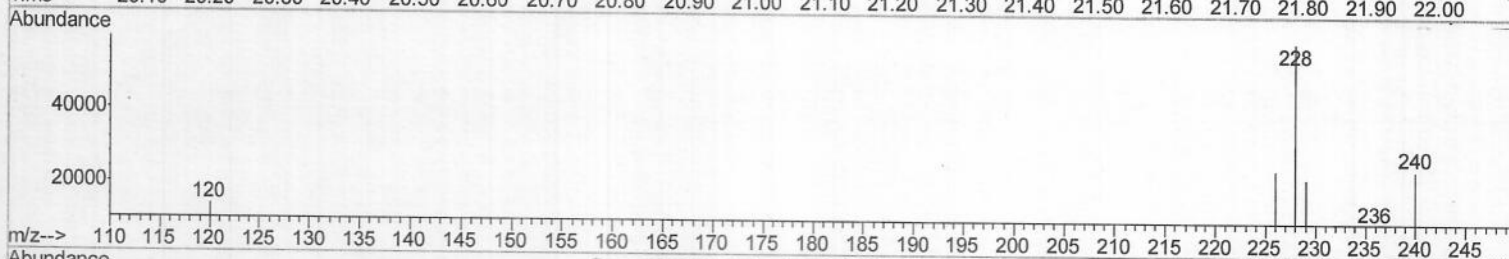
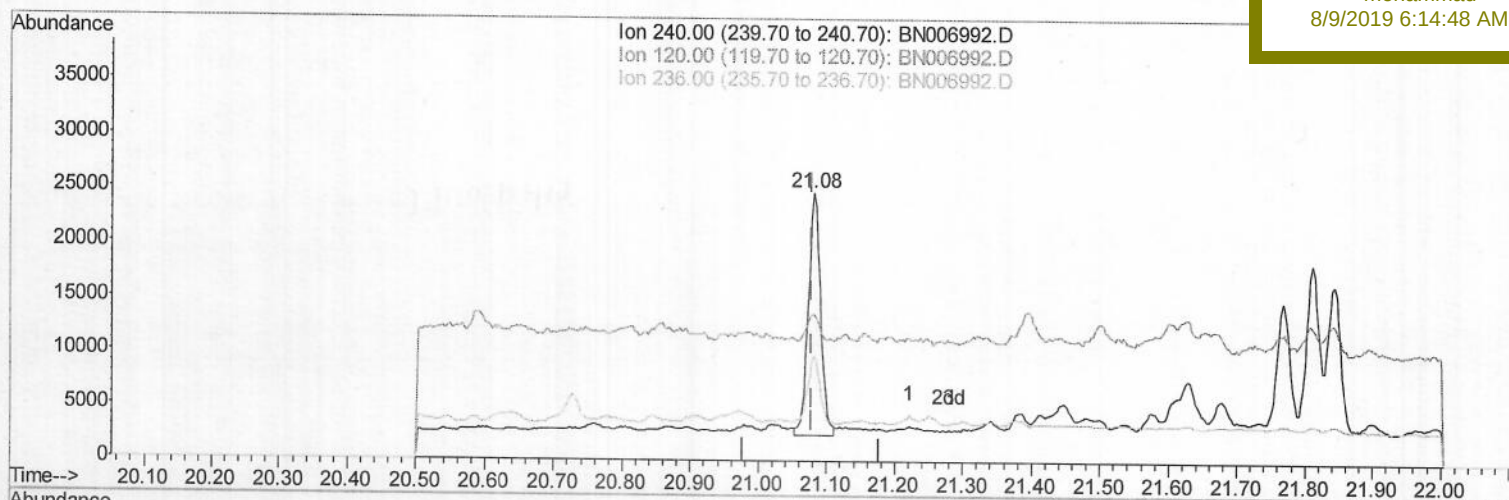
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17

Manual Integrations
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TIC: BN006992.D

(16) Chrysene-d12 (I)

21.081min (+0.003) 0.40ng/ul m) JU
08/08/19

response 28236

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	55.01#
236.00	29.00	38.96#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006992.D
Acq On : 07 Aug 2019 17:57
Operator : HP/JU
Sample : K3893-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:31:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :

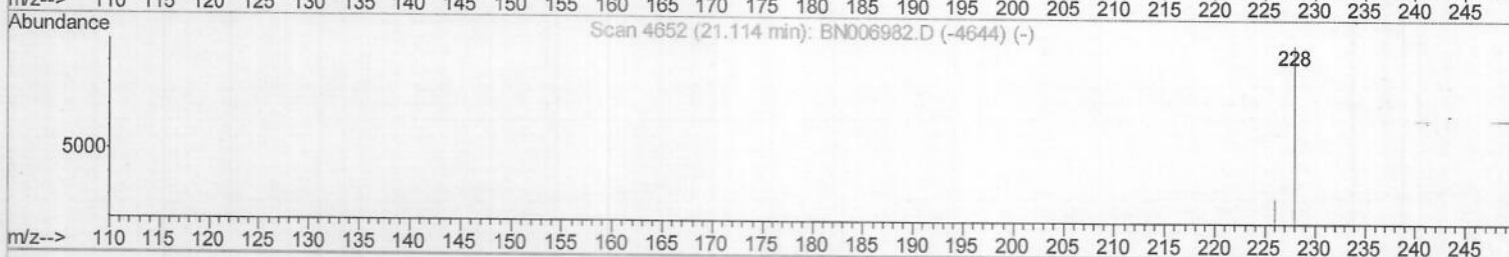
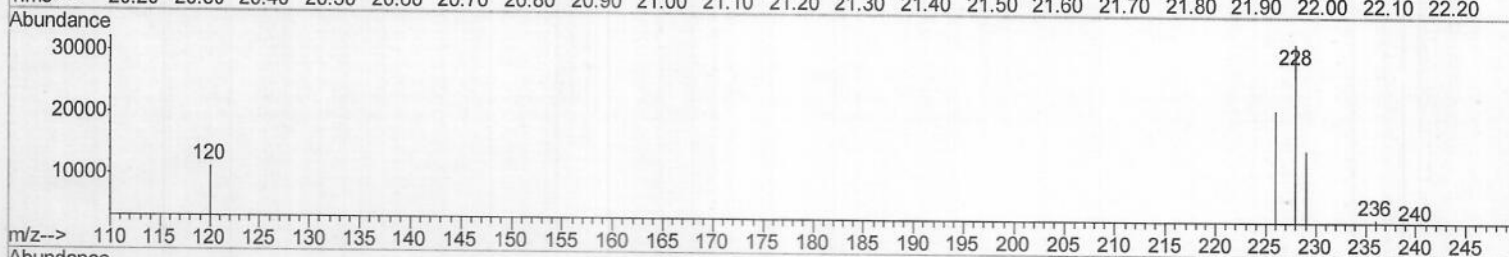
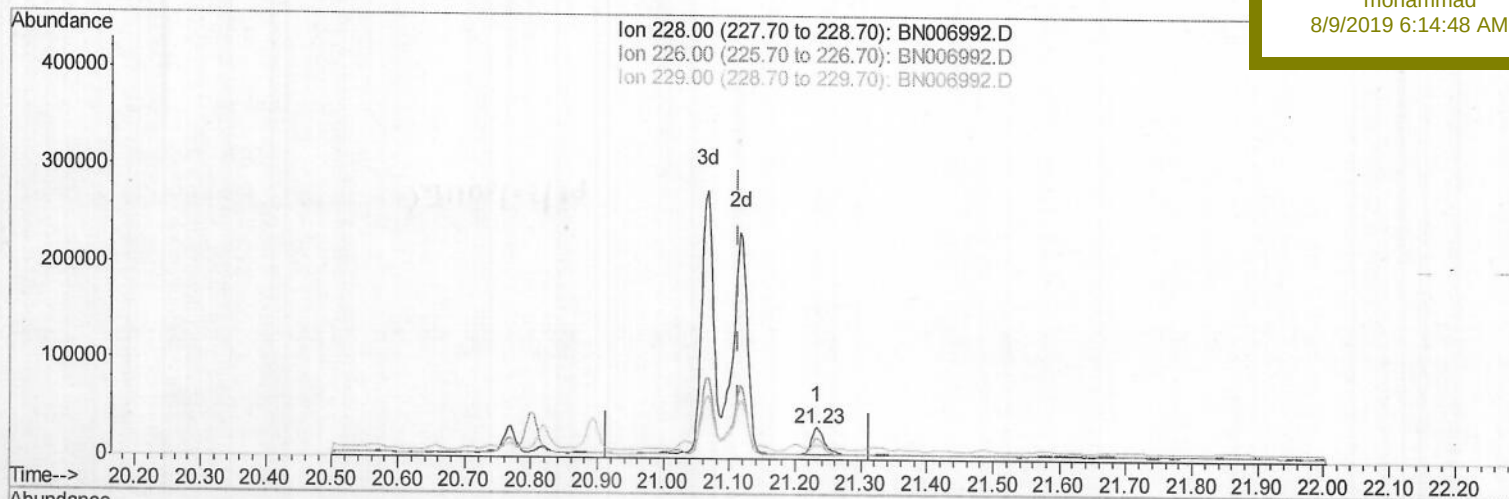
BNA_N

ClientSampled :

BEP17

Manual Integrations
APPROVED

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TIC: BN006992.D

(19) Chrysene

21.233min (+0.120) 0.33ng/ul

response 38377

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	66.40#
229.00	19.40	46.01#
0.00	0.00	0.00

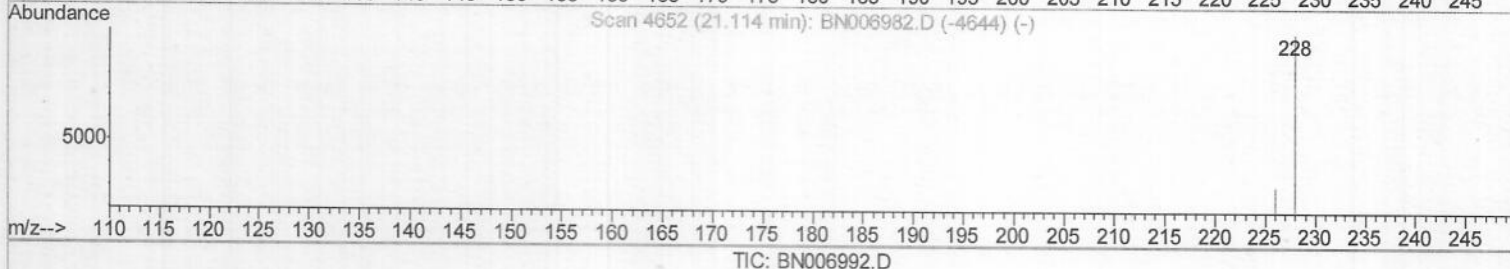
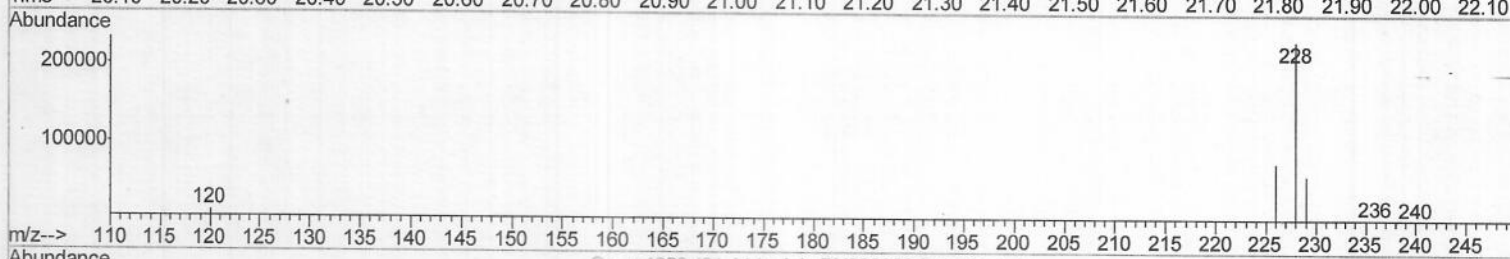
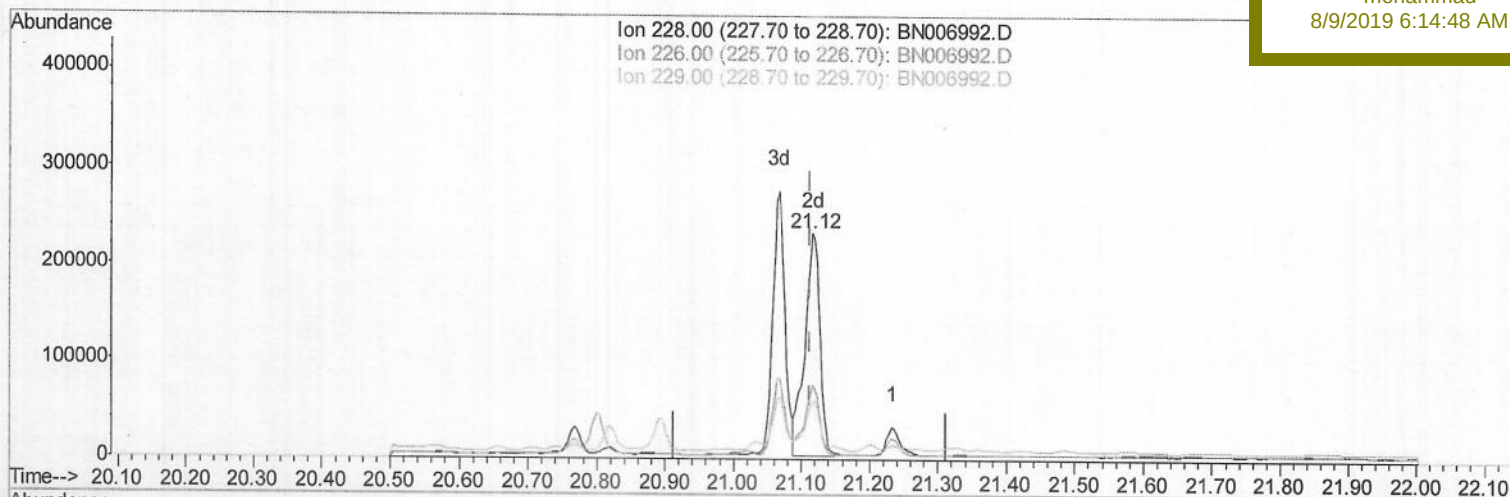
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006992.D
Acq On : 07 Aug 2019 17:57
Operator : HP/JU
Sample : K3893-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:31:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP17

Manual Integrations
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(19) Chrysene

21.116min (+0.003) 3.03ng/ul m) JU
08/08/19

response 352158

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	32.26
229.00	19.40	25.43#
0.00	0.00	0.00

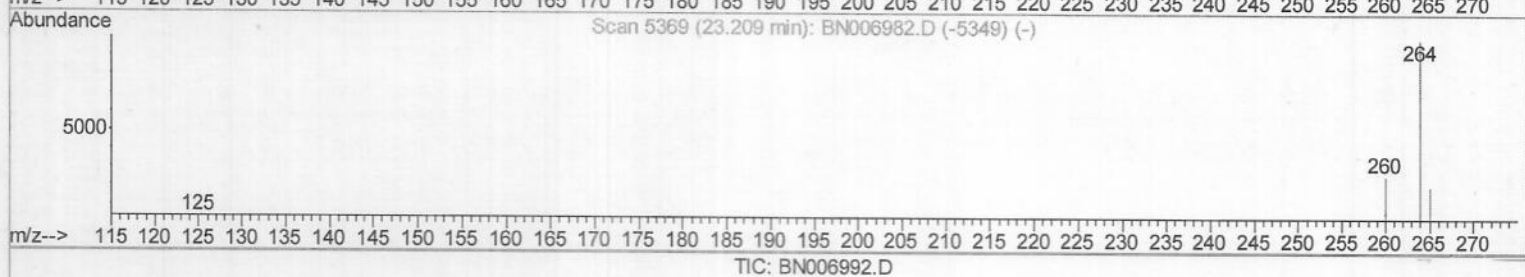
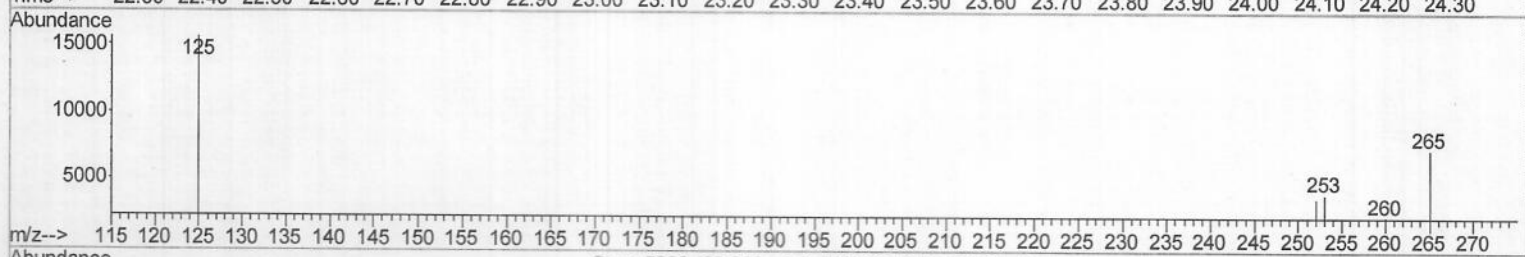
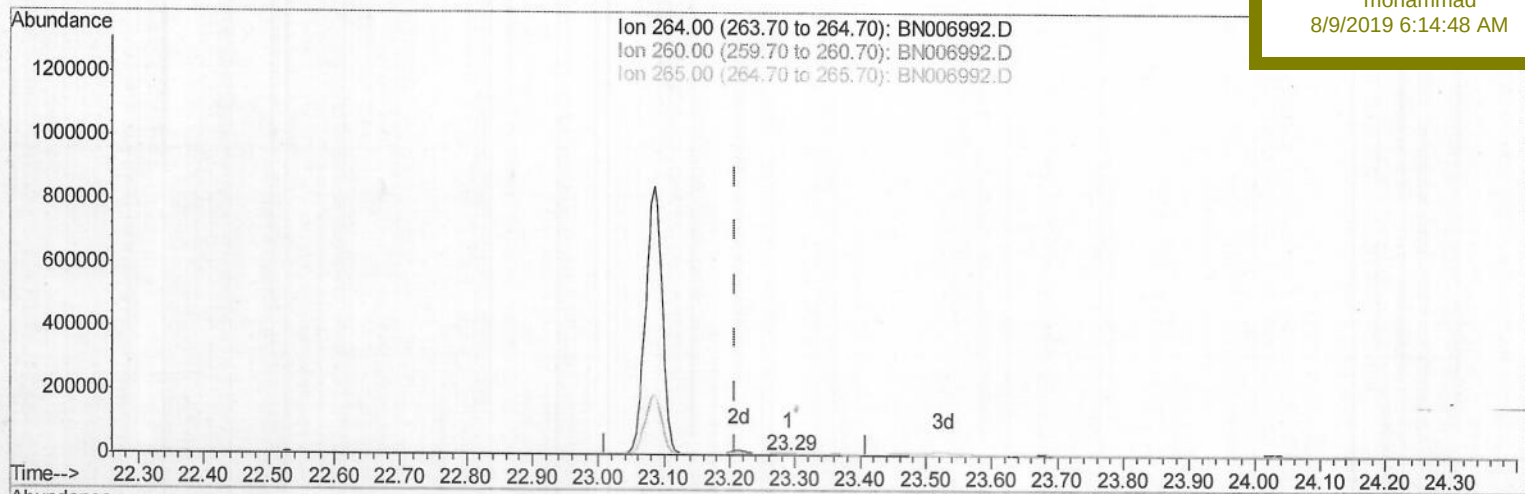
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006992.D
Acq On : 07 Aug 2019 17:57
Operator : HP/JU
Sample : K3893-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:31:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP17

Manual Integrations
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(20) Perylene-d12 (I)

23.291min (+0.082) 0.40ng/ul

response 4075

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	103.22#
265.00	27.80	336.16#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006992.D
Acq On : 07 Aug 2019 17:57
Operator : HP/JU
Sample : K3893-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

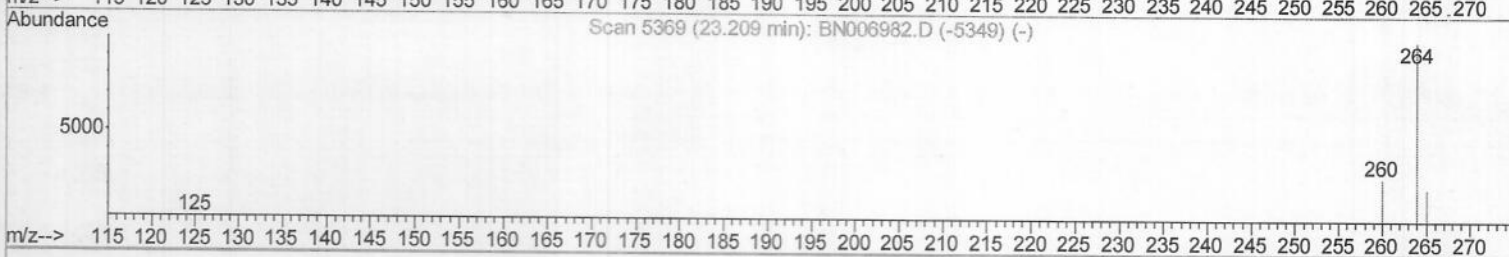
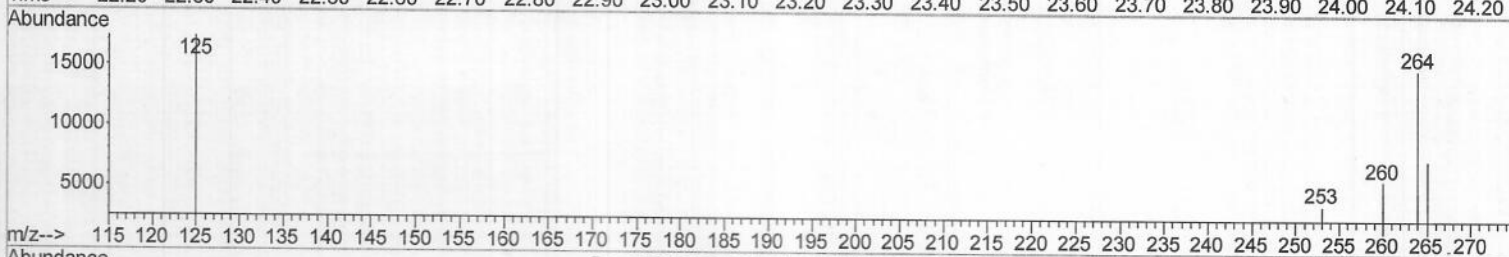
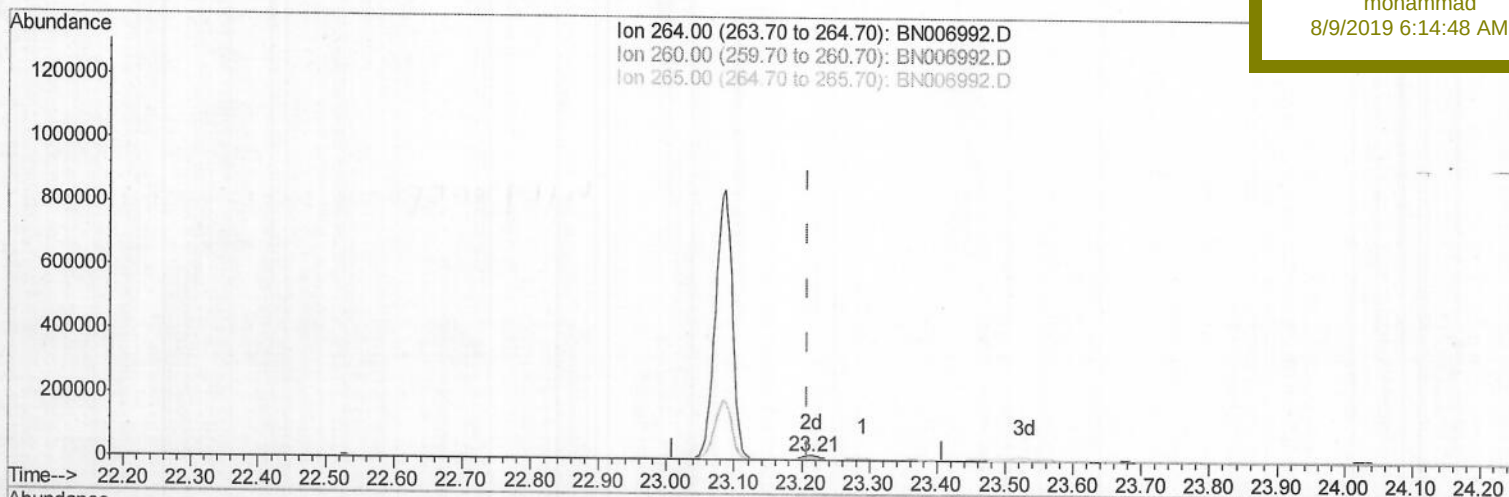
Quant Time: Aug 07 18:31:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17

Manual Integrations
APPROVEDmohammad
8/9/2019 6:14:48 AM

TIC: BN006992.D

(20) Perylene-d12 (I)

23.215min (+0.006) 0.40ng/ul m) JU
08/08/19

response 23278

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	38.07#
265.00	27.80	49.77#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:32:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

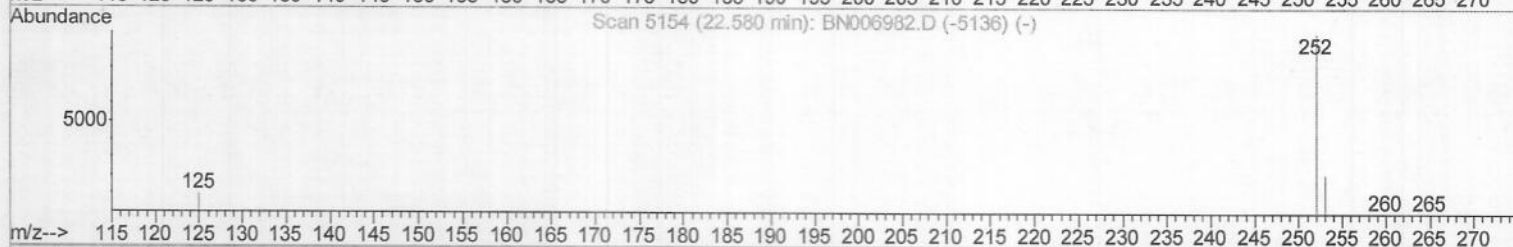
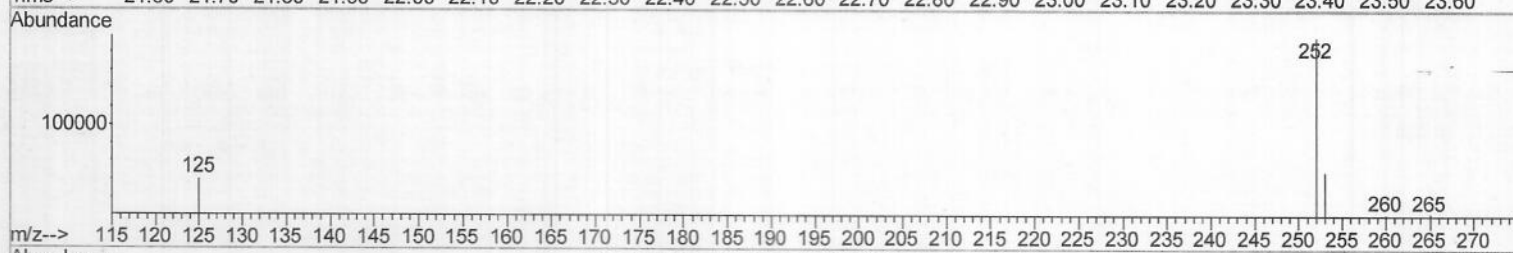
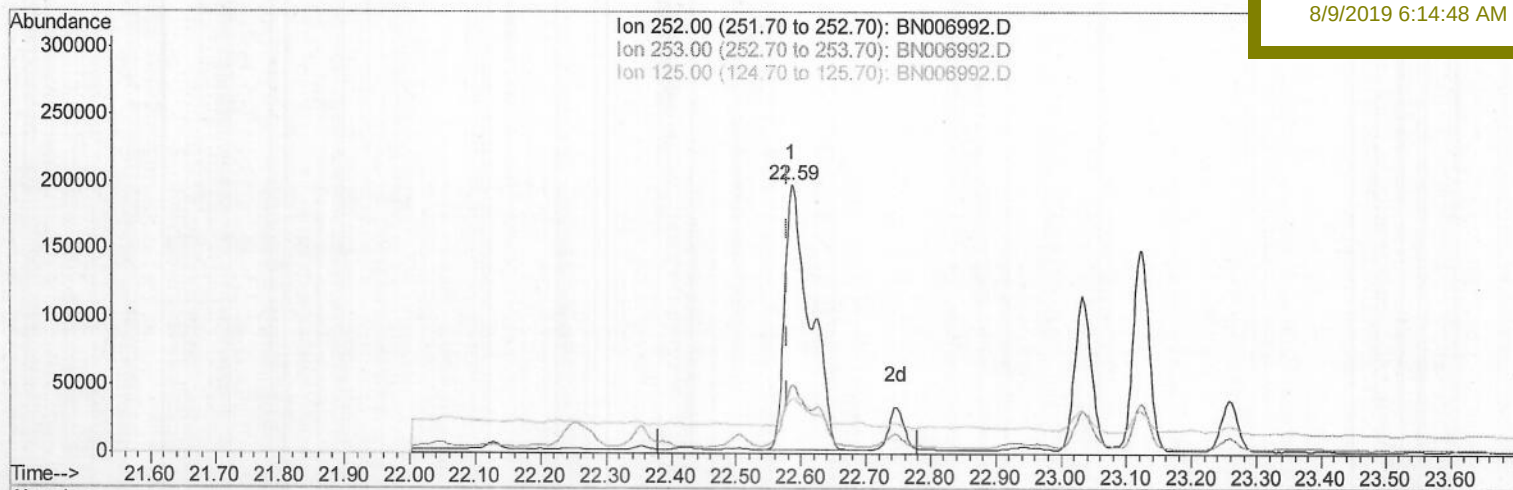
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17

Manual Integrations
APPROVEDmohammad
8/9/2019 6:14:48 AM

TIC: BN006992.D

(21) Benzo(b)fluoranthene

22.586min (+0.006) 5.63ng/ul

response 531747

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	25.51
125.00	11.10	20.61
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:32:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

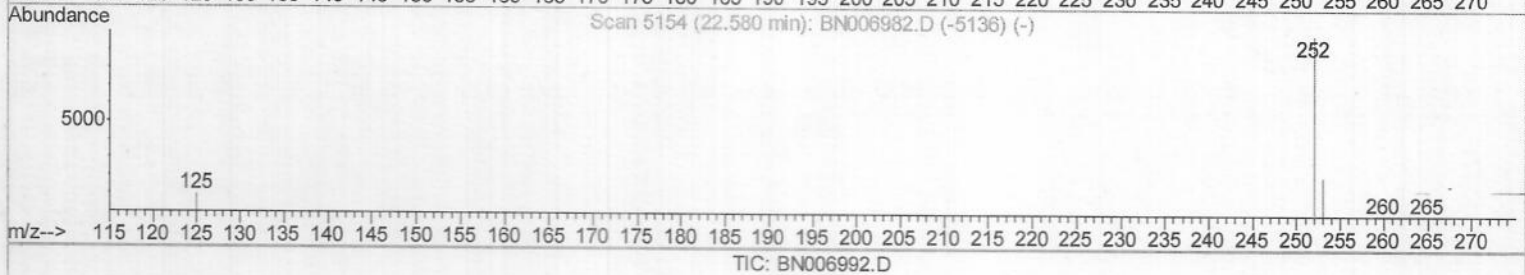
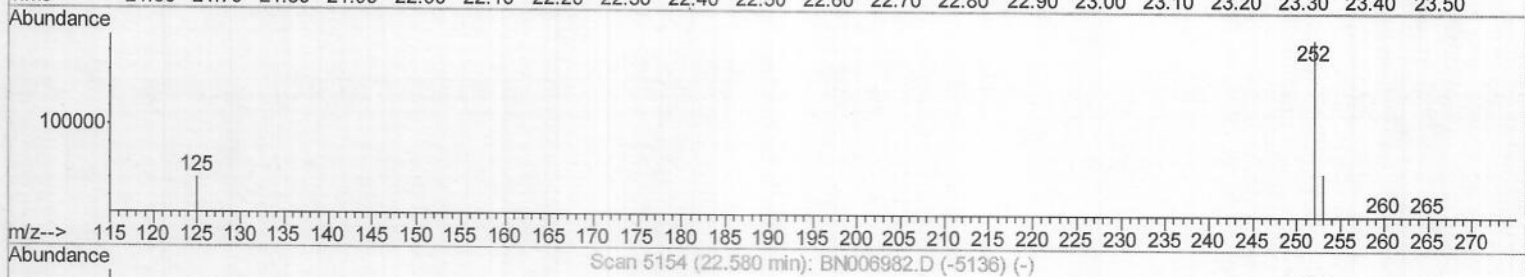
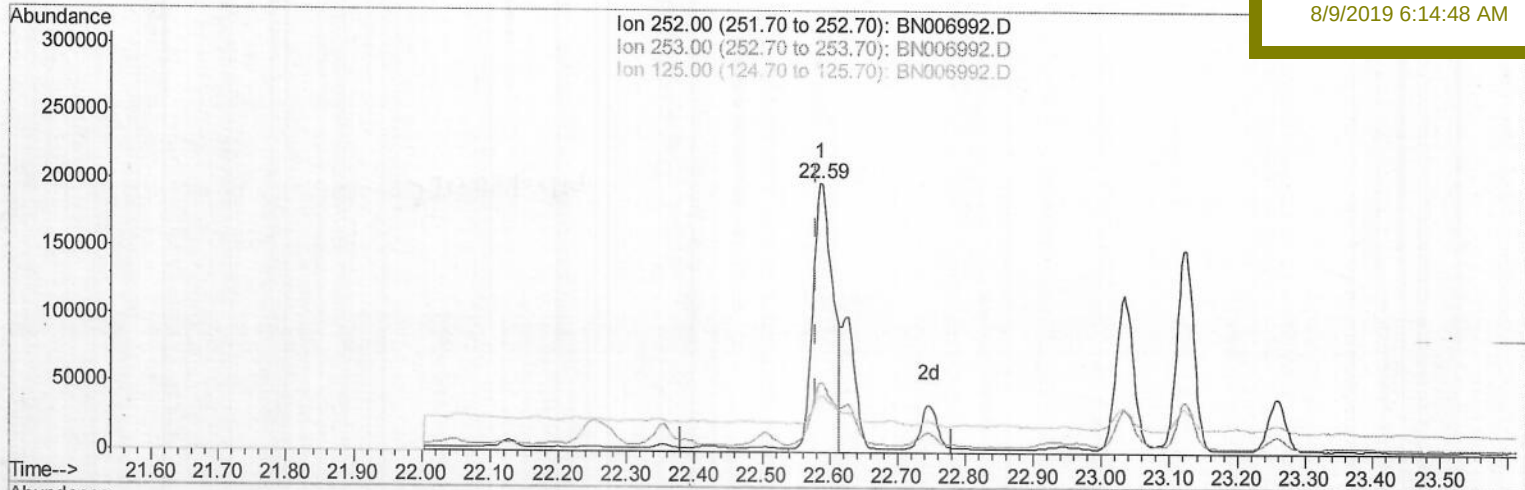
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

BEP17

Manual Integrations
APPROVEDmohammad
8/9/2019 6:14:48 AM

(21) Benzo(b)fluoranthene

22.586min (+0.006) 4.21ng/ul mJU
08/08/19

response 396870

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	25.51
125.00	11.10	20.61
0.00	0.00	0.00

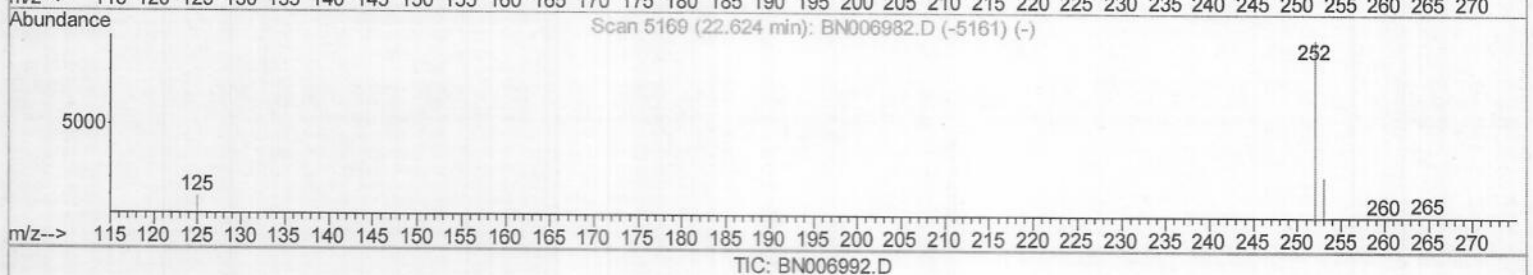
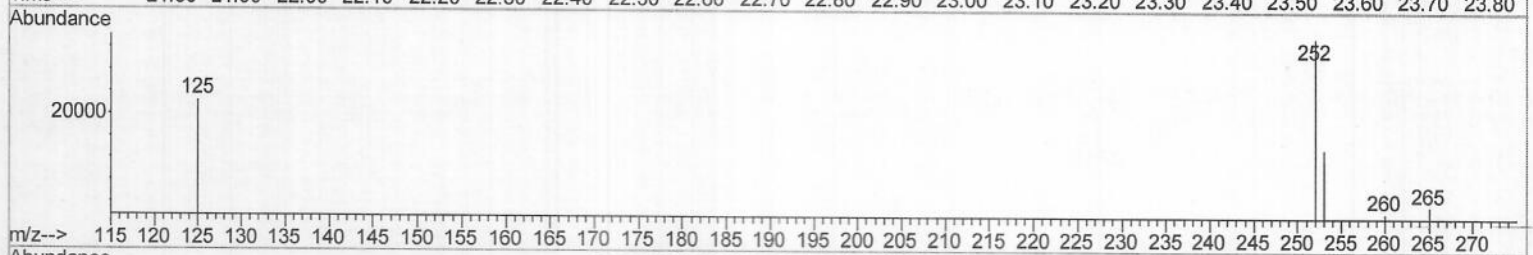
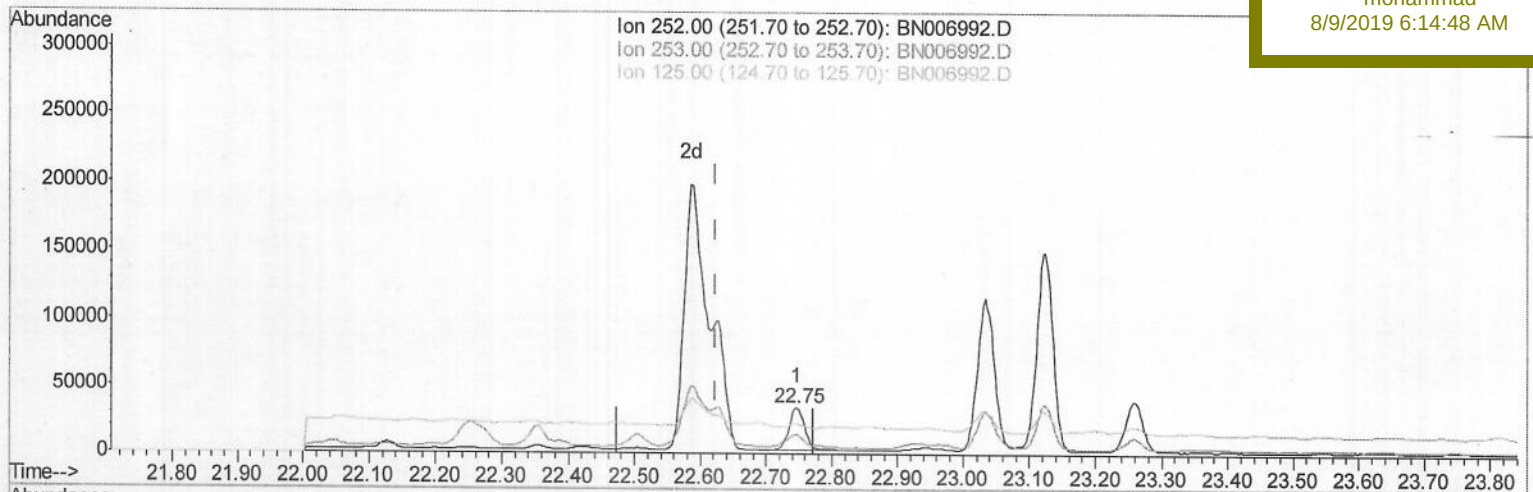
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006992.D
Acq On : 07 Aug 2019 17:57
Operator : HP/JU
Sample : K3893-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:32:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP17

Manual Integrations
APPROVED

mohammad
8/9/2019 6:14:48 AM



(22) Benzo(k)fluoranthene

22.747min (+0.123) 0.60ng/ul

response 54520

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	40.96#
125.00	10.90	65.51#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:32:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

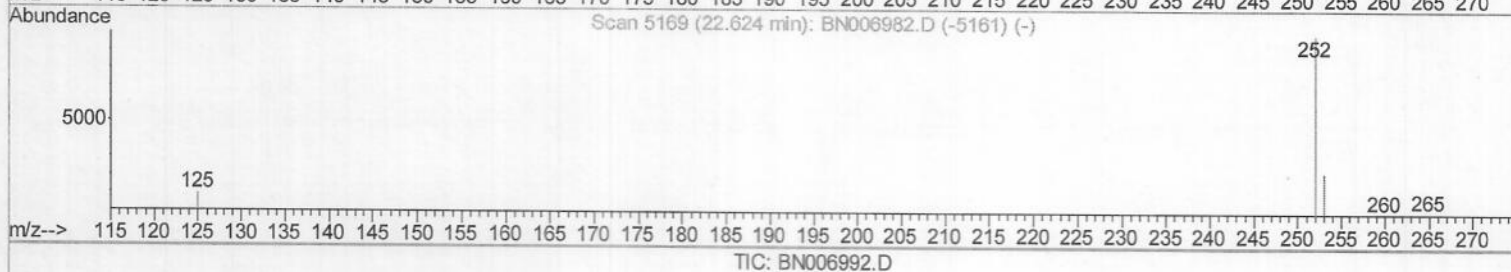
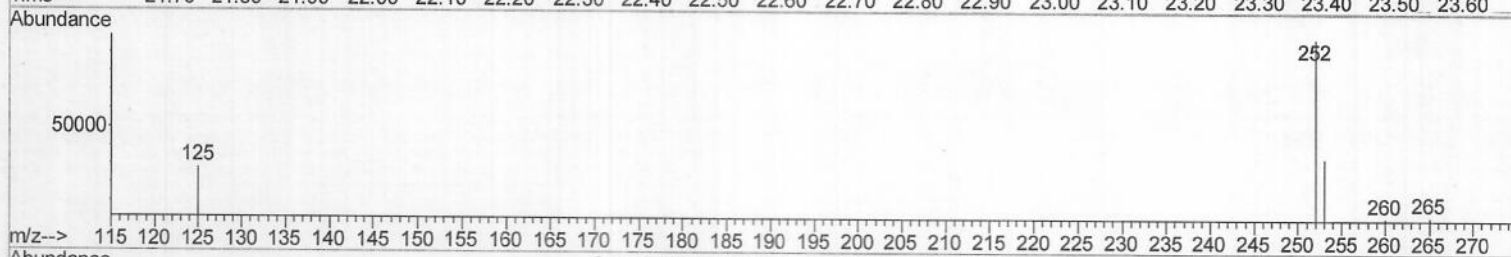
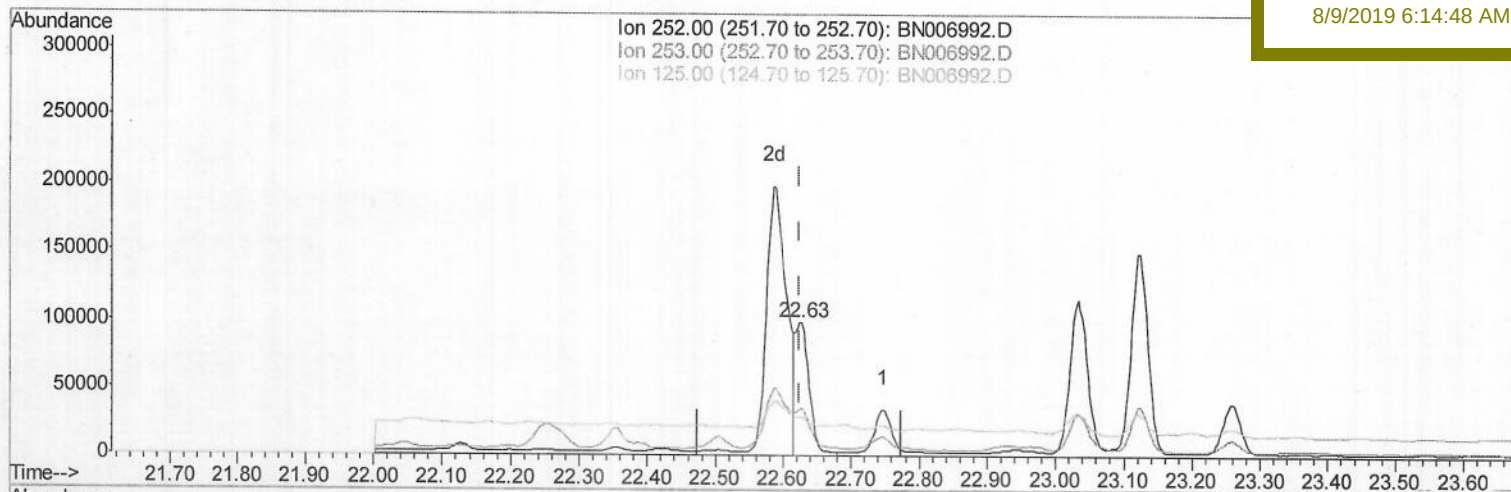
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17

Manual Integrations
APPROVEDmohammad
8/9/2019 6:14:48 AM

(22) Benzo(k)fluoranthene

22.627min (+0.003) 1.54ng/ul m) JU
08108119

response 140486

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	35.32#
125.00	10.90	28.64#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:32:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

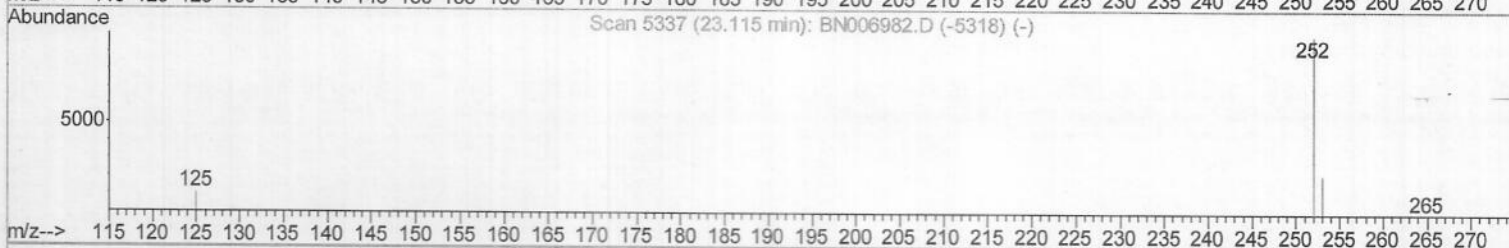
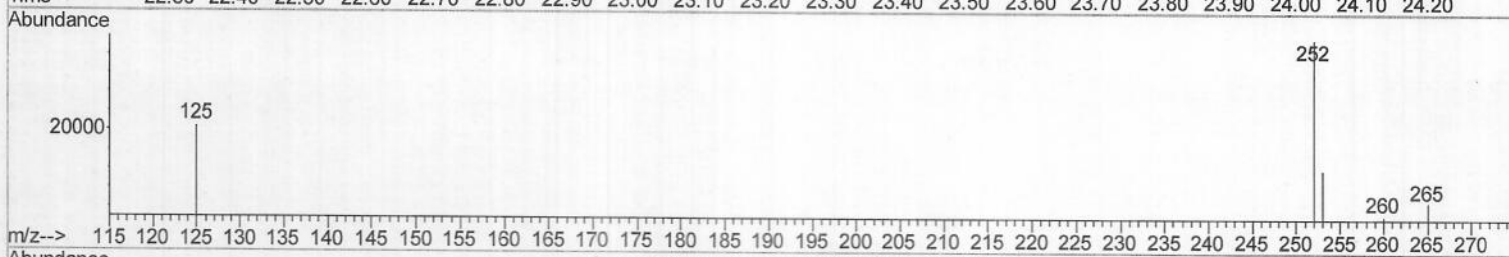
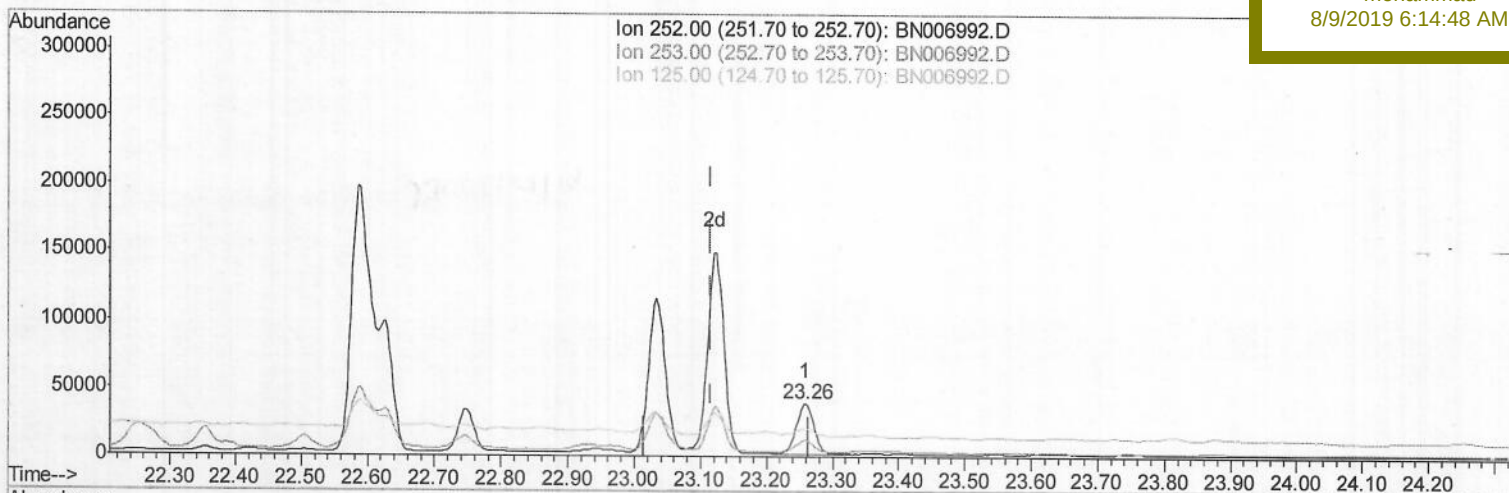
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17

Manual Integrations
APPROVEDmohammad
8/9/2019 6:14:48 AM

TIC: BN006992.D

(23) Benzo(a)pyrene (C)

23.259min (+0.143) 0.77ng/ul

response 68193

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	30.72#
125.00	12.50	52.59#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:32:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

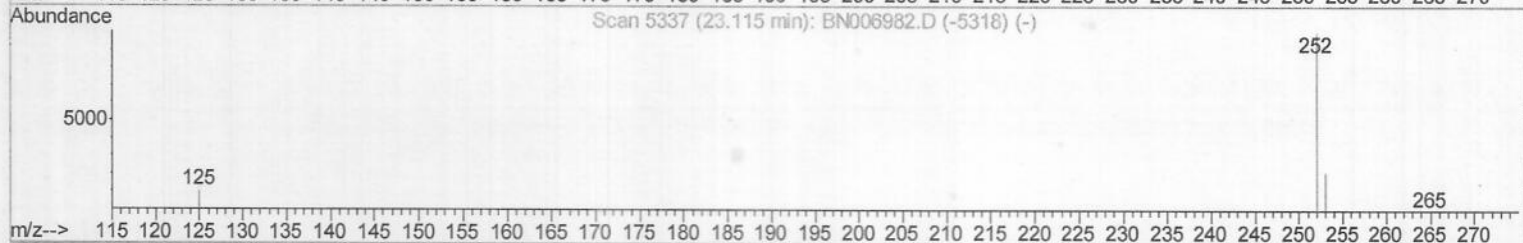
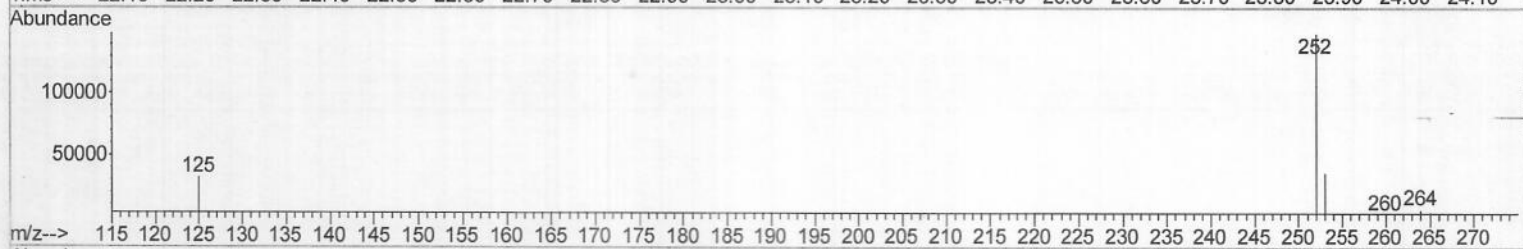
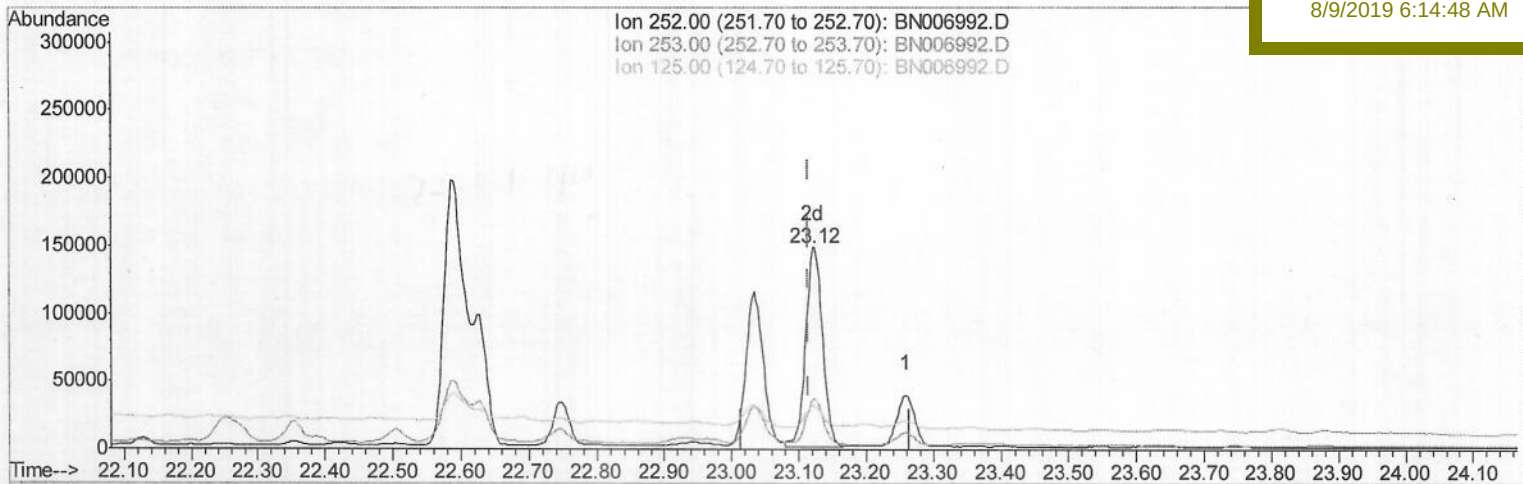
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17

Manual Integrations
APPROVEDmohammad
8/9/2019 6:14:48 AM

TIC: BN006992.D

(23) Benzo(a)pyrene (C)

23.121min (+0.006) 2.88ng/ul m) JU
response 255853 08/08/19

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.43
125.00	12.50	21.55#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:32:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

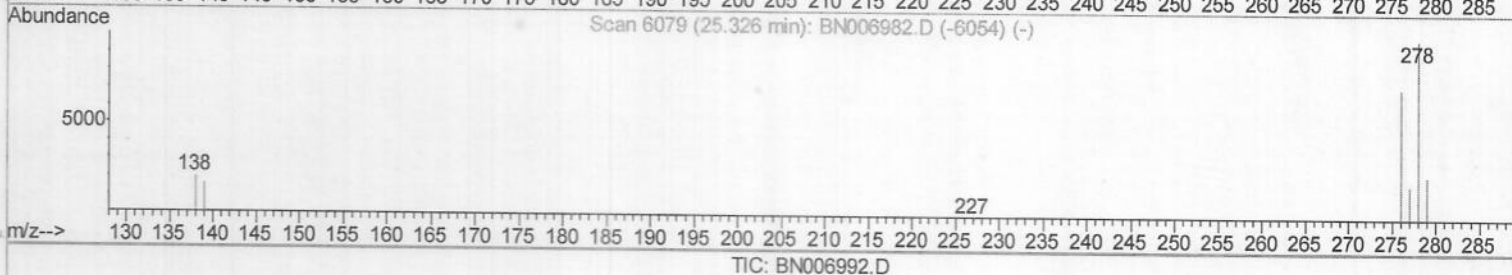
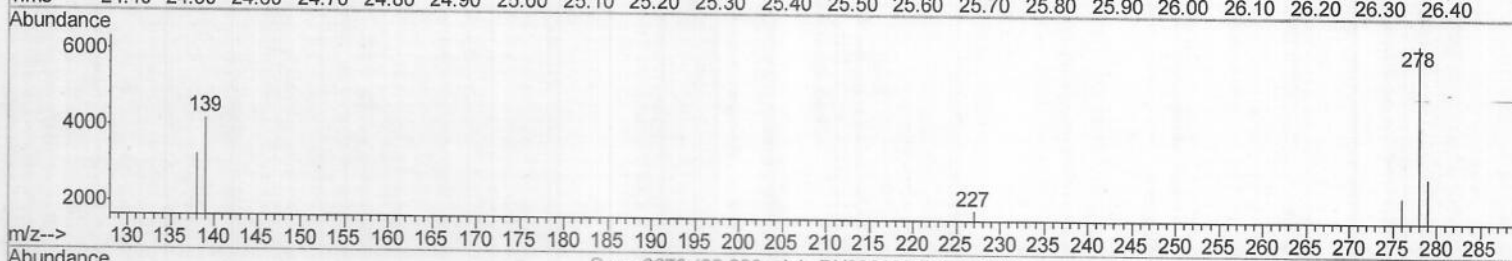
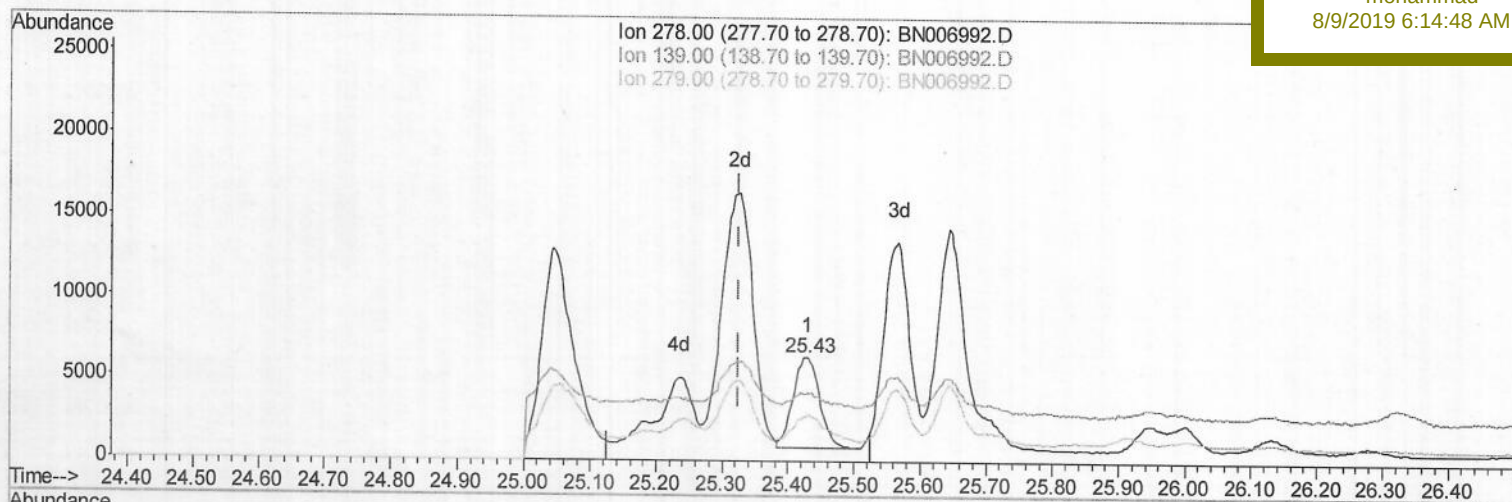
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17

Manual Integrations
APPROVEDmohammad
8/9/2019 6:14:48 AM

(25) Dibenzo(a,h)anthracene

25.430min (+0.104) 0.20ng/ul

response 15390

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	66.05#
279.00	24.50	44.61#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:32:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

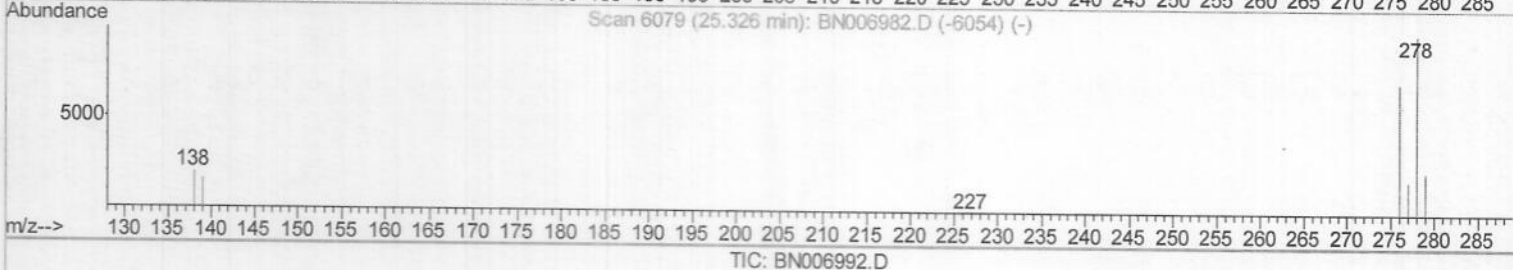
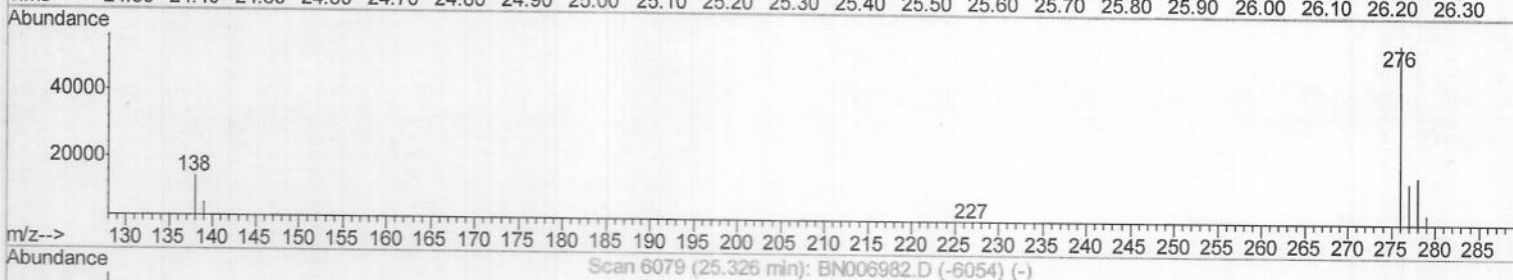
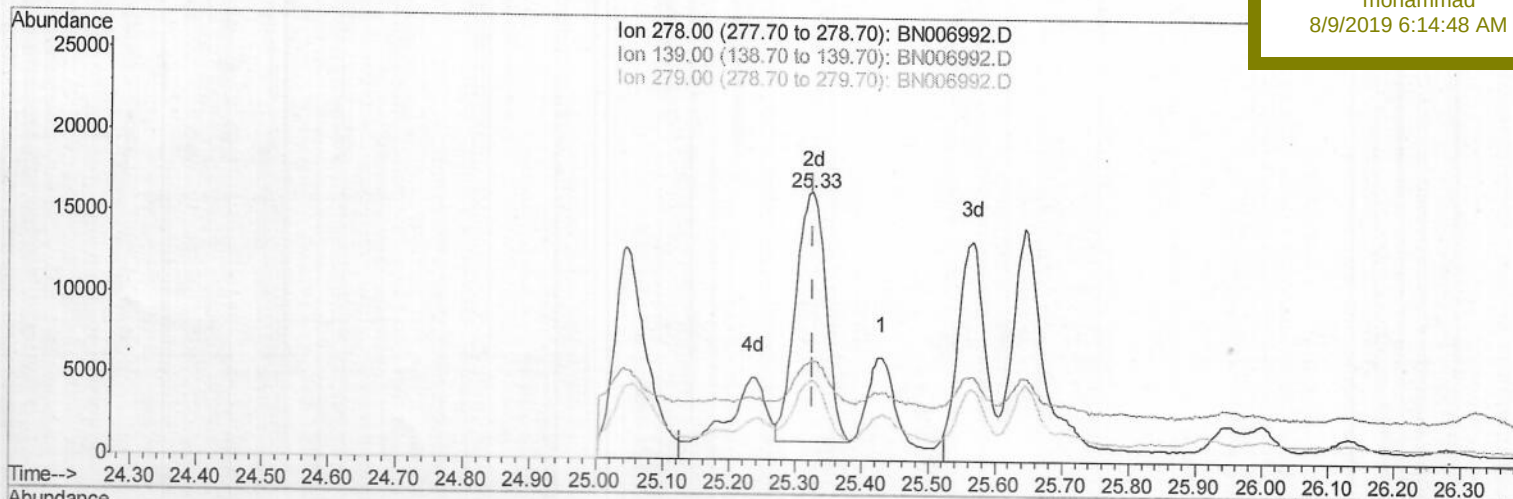
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

BEP17

Manual Integrations
APPROVEDmohammad
8/9/2019 6:14:48 AM

(25) Dibenzo(a,h)anthracene

25.326min (-0.000) 0.64ng/ul m) JU
08/08/19

response 48910

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	36.50#
279.00	24.50	29.50#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\

Data File : BN006992.D

Acq On : 07 Aug 2019 17:57

Operator : HP/JU

Sample : K3893-13

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 07 18:35:01 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

BEP17

Manual Integrations
APPROVEDmohammad
8/9/2019 6:14:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	7262	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	28584	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	18497	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	45826m)	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	28236m)	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	23278m)	0.40	ng/ul	0.00

JU
08/08/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.83	152	12483	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	30764m)	0.21	ng/ul	0.00

JU 08/08/19

Target Compounds

						Qvalue
3) Naphthalene	10.28	128	9992	0.121	ng/ul	98
5) 2-Methylnaphthalene	11.91	142	7449	0.121	ng/ul	99
7) Acenaphthylene	13.83	152	24728	0.231	ng/ul	96
8) Acenaphthene	14.18	153	16738	0.228	ng/ul	99
9) Fluorene	15.17	166	22429	0.252	ng/ul	94
12) Phenanthrene	16.90	178	454193	3.110	ng/ul	99
13) Anthracene	17.00	178	99223m)	0.664	ng/ul	
15) Fluoranthene	18.94	202	908362m)	5.004	ng/ul	
17) Pyrene	19.30	202	723439	5.739	ng/ul	98
18) Benzo(a)anthracene	21.07	228	339442	2.737	ng/ul	94
19) Chrysene	21.12	228	352158m)	3.032	ng/ul	
21) Benzo(b)fluoranthene	22.59	252	396870m)	4.205	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	140486m)	1.536	ng/ul	
23) Benzo(a)pyrene	23.12	252	255853m)	2.879	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.31	276	189852	1.982	ng/ul	93
25) Dibenzo(a,h)anthracene	25.33	278	48910m)	0.639	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	168003	2.091	ng/ul	98

JU
08/08/19

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