

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (QT Reviewed)

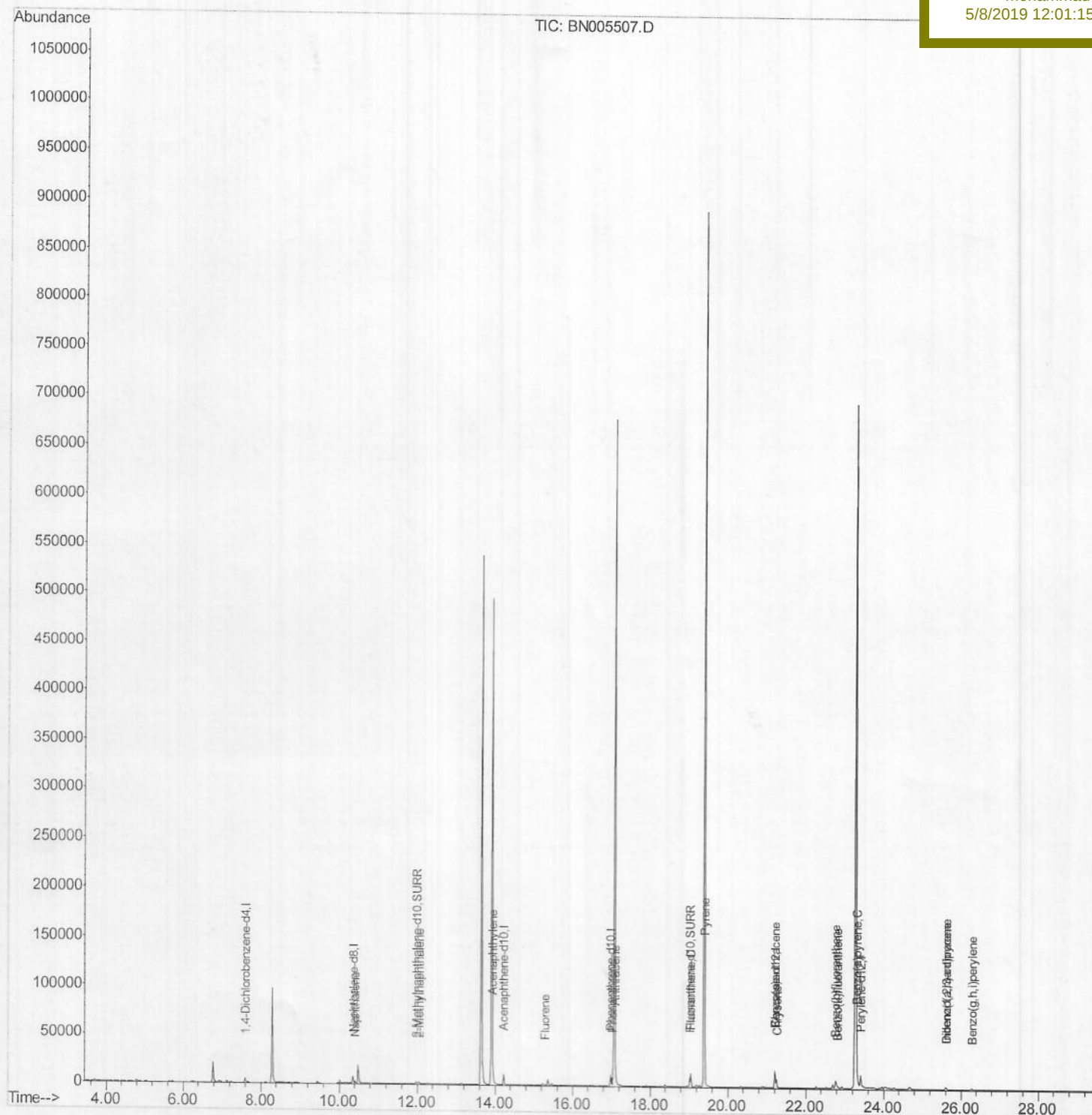
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:57:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

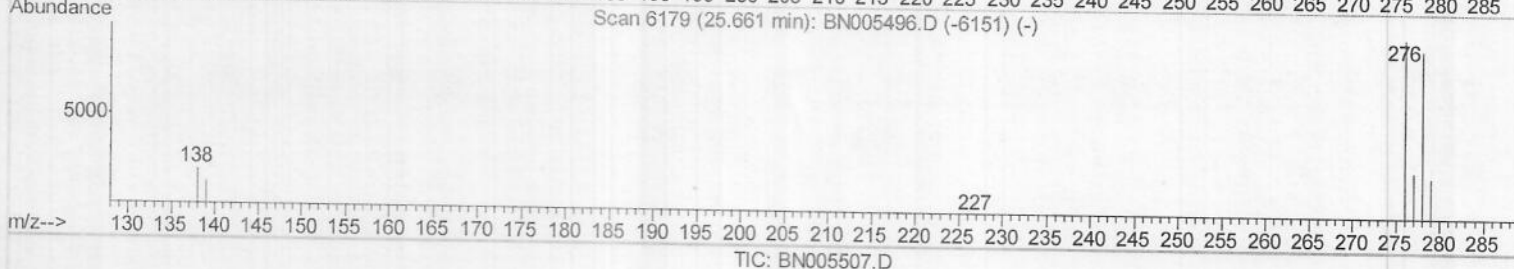
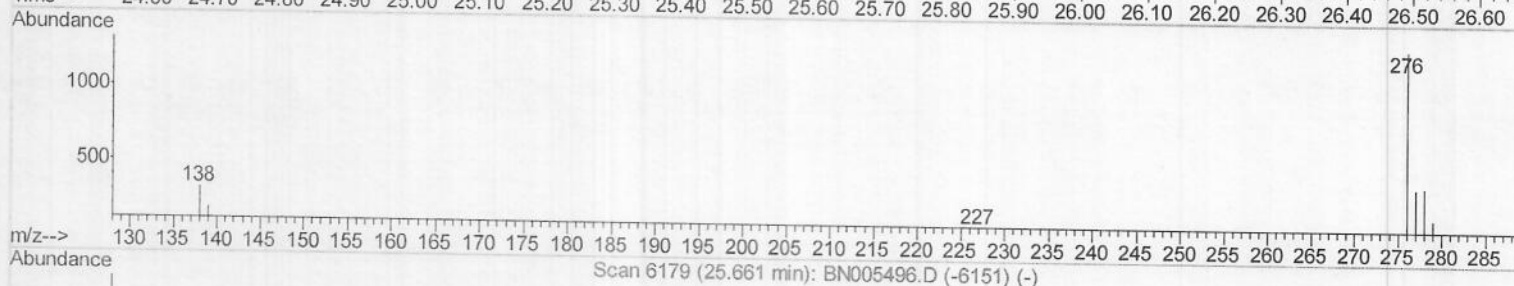
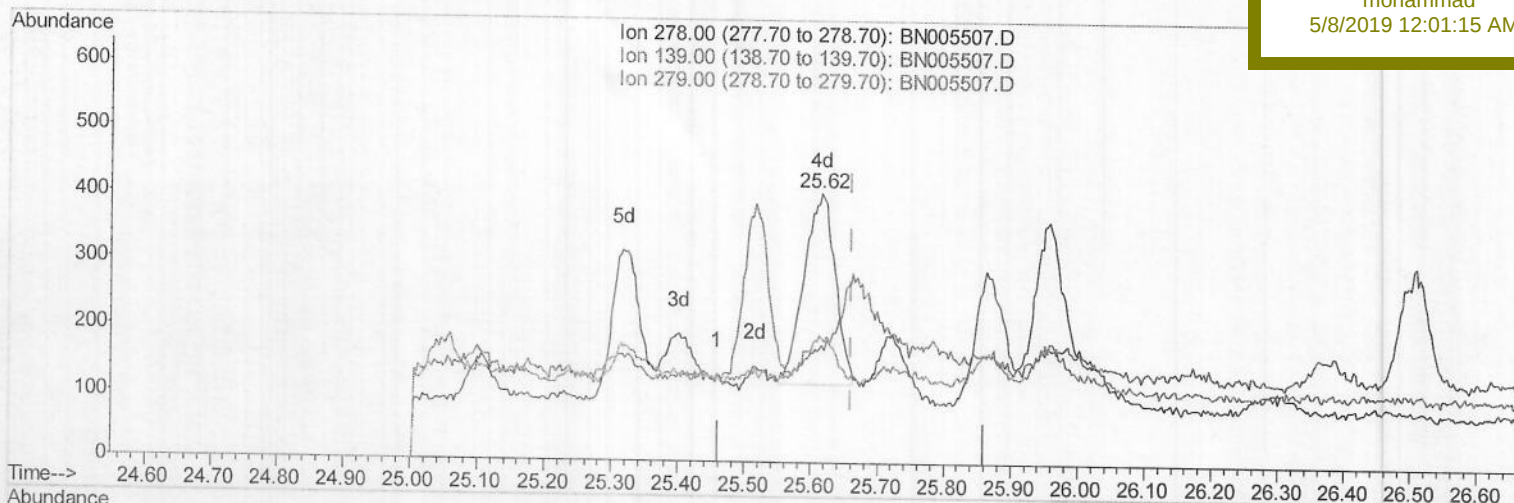
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(25) Dibenzo(a,h)anthracene

25.616min (-0.046) 0.03ng/ul m

JU005/08/19

response 943

Ion	Exp%	Act%
278.00	100	100
139.00	15.50	44.12#
279.00	26.20	46.32#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

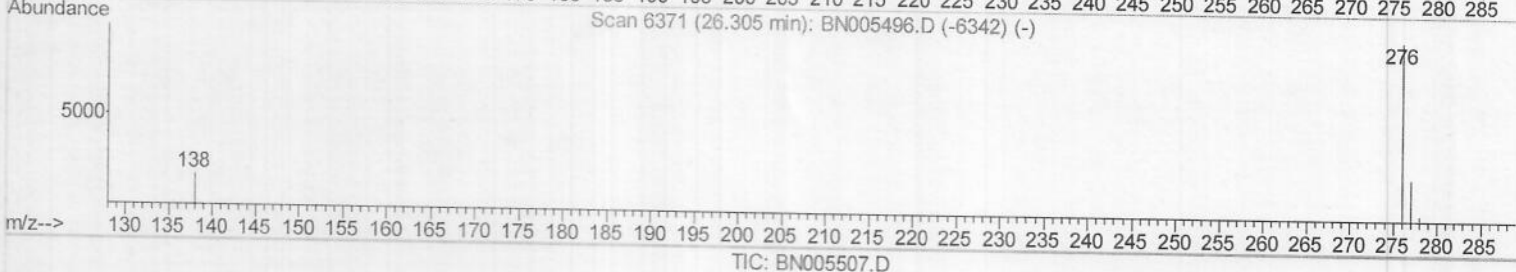
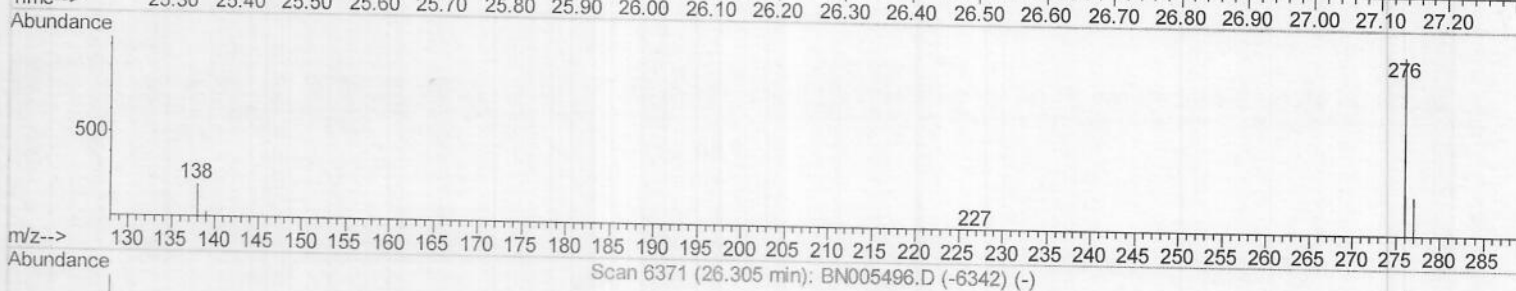
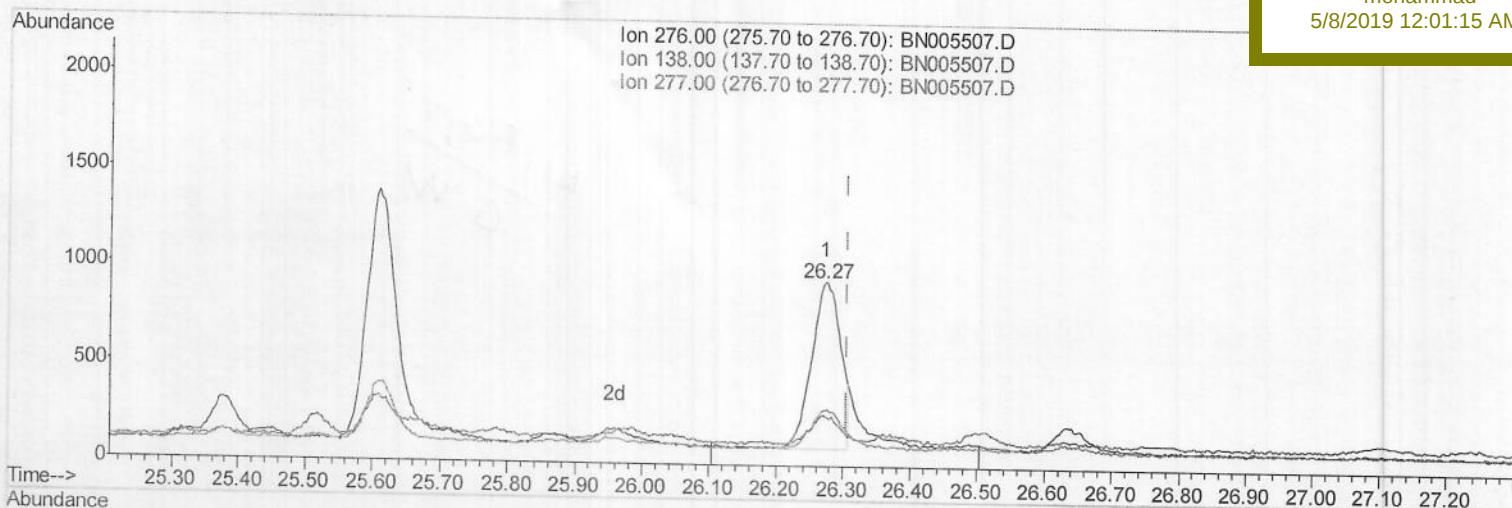
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



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

26.273min (-0.032) 0.07ng/ul

response 2527

Ion	Exp%	Act%
276.00	100	100
138.00	19.50	27.06#
277.00	25.80	30.05
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

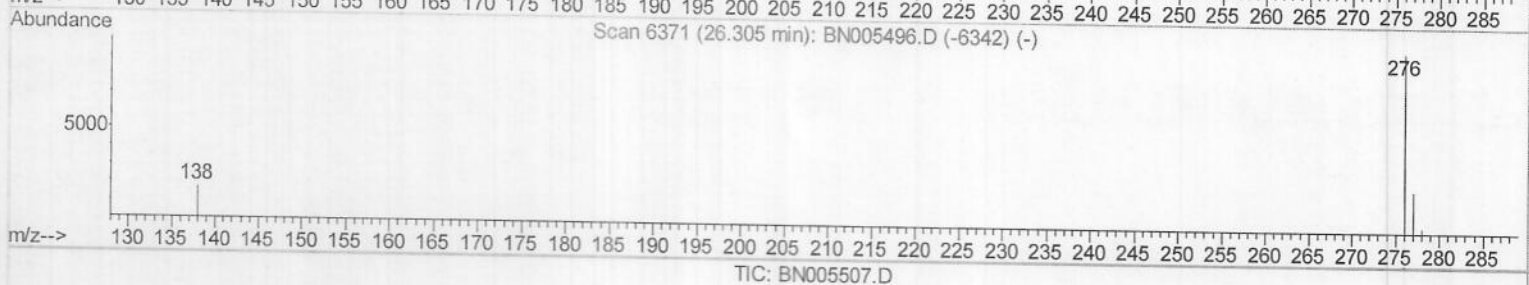
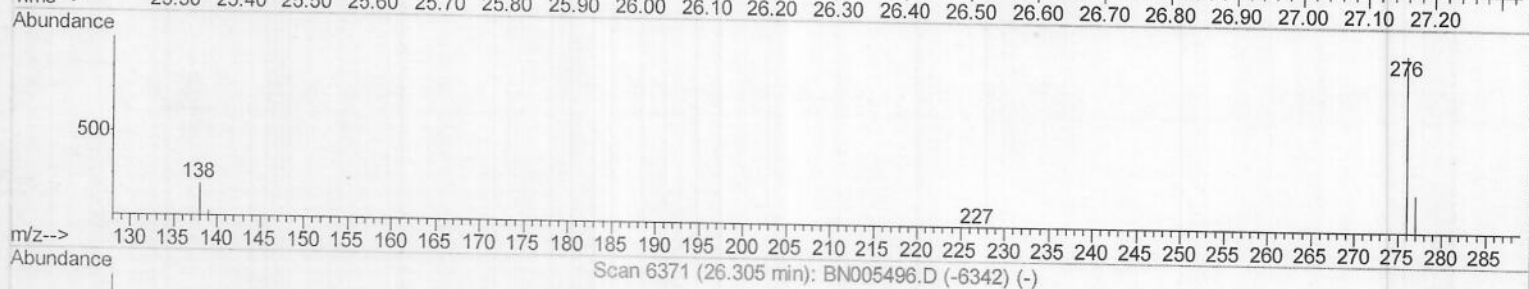
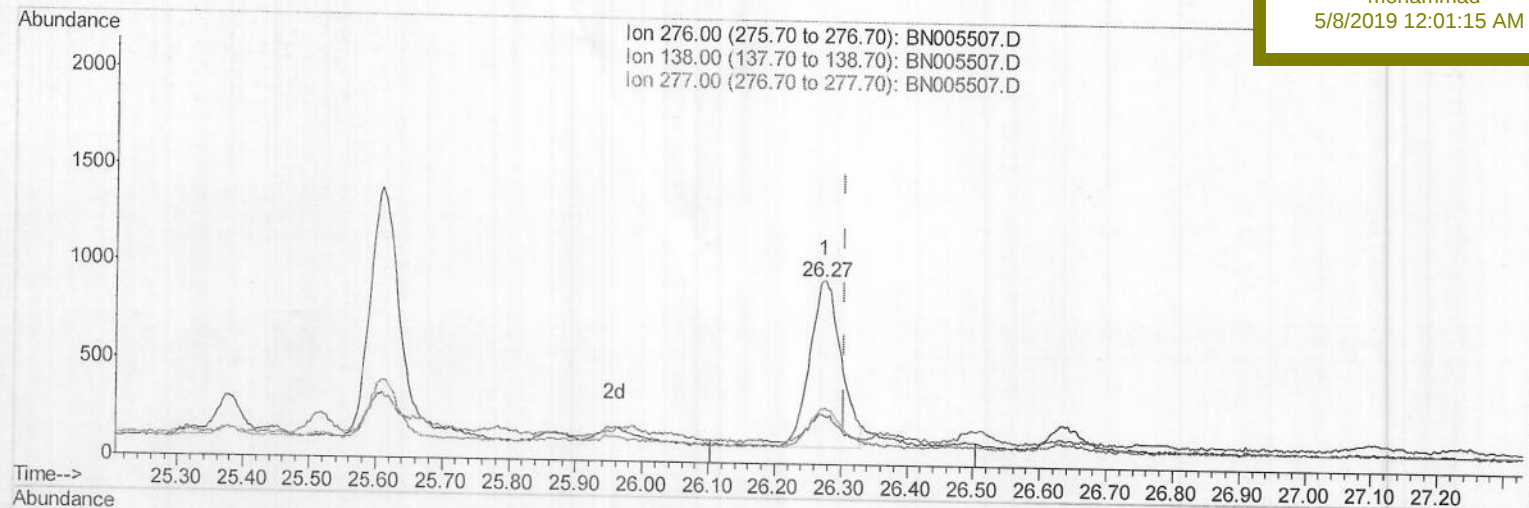
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



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

26.273min (-0.032) 0.07ng/ul m > JU05108119

response 2814

Ion	Exp%	Act%
276.00	100	100
138.00	19.50	27.06#
277.00	25.80	30.05
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

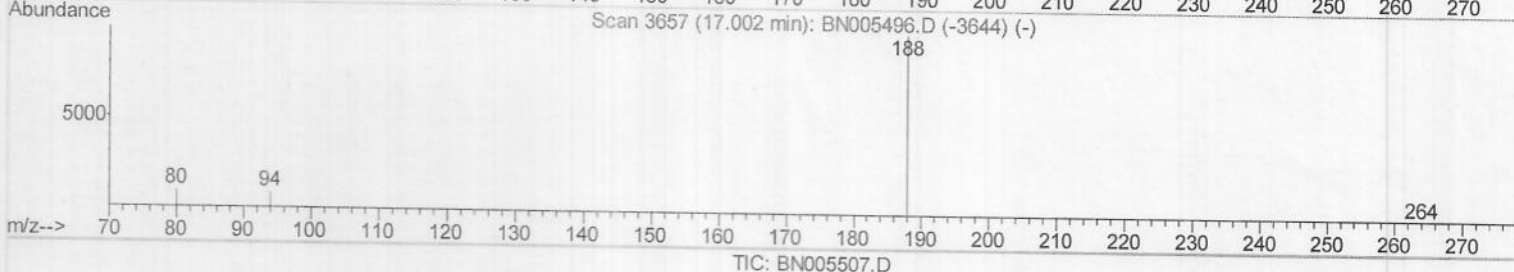
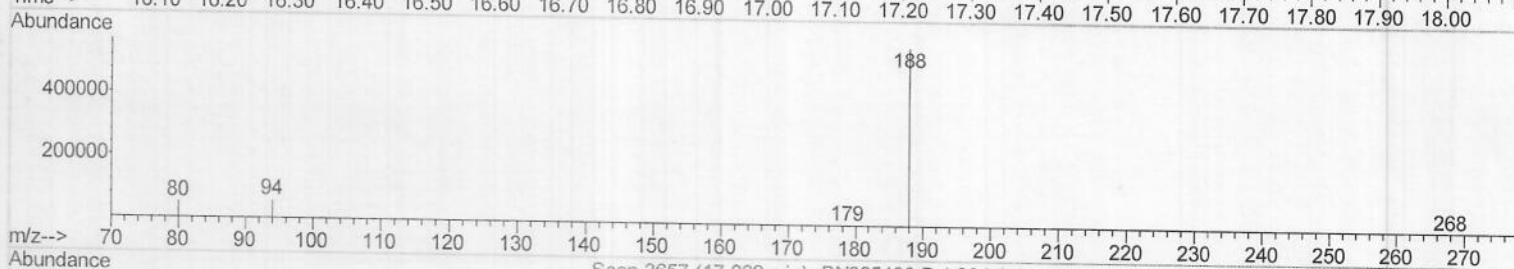
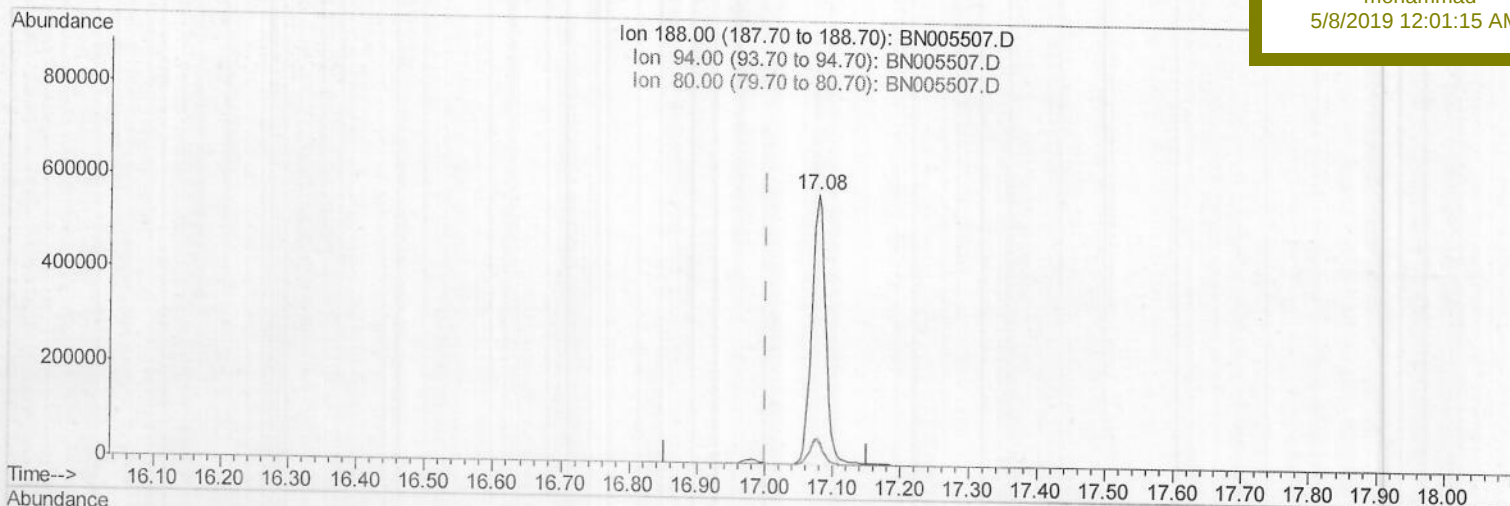
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:09:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



TIC: BN005507.D

(10) Phenanthrene-d10 (I)

17.077min (+0.076) 0.40ng/ul

response 807559

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.67
80.00	9.80	8.81
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

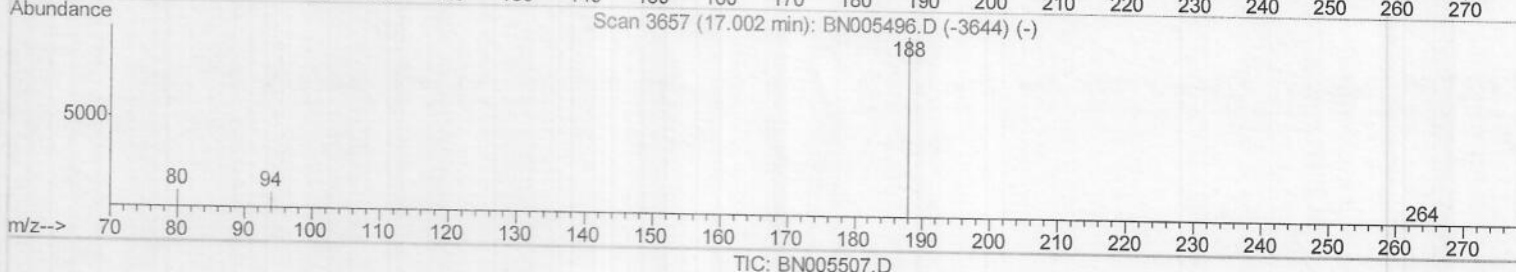
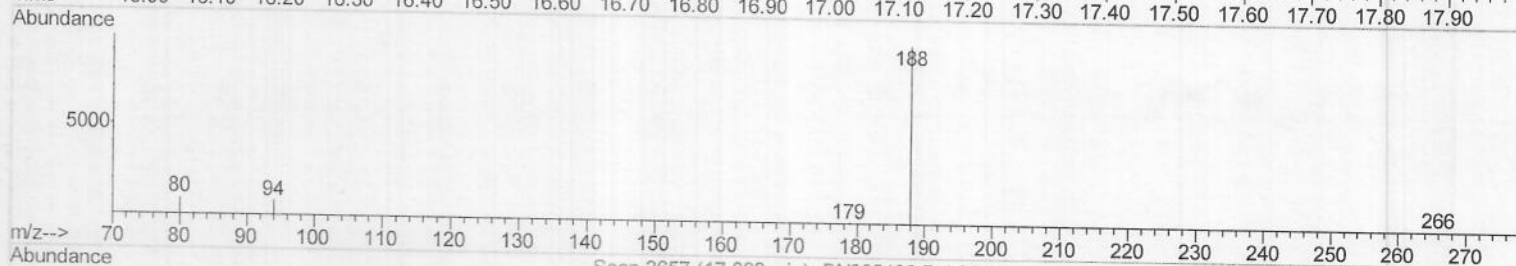
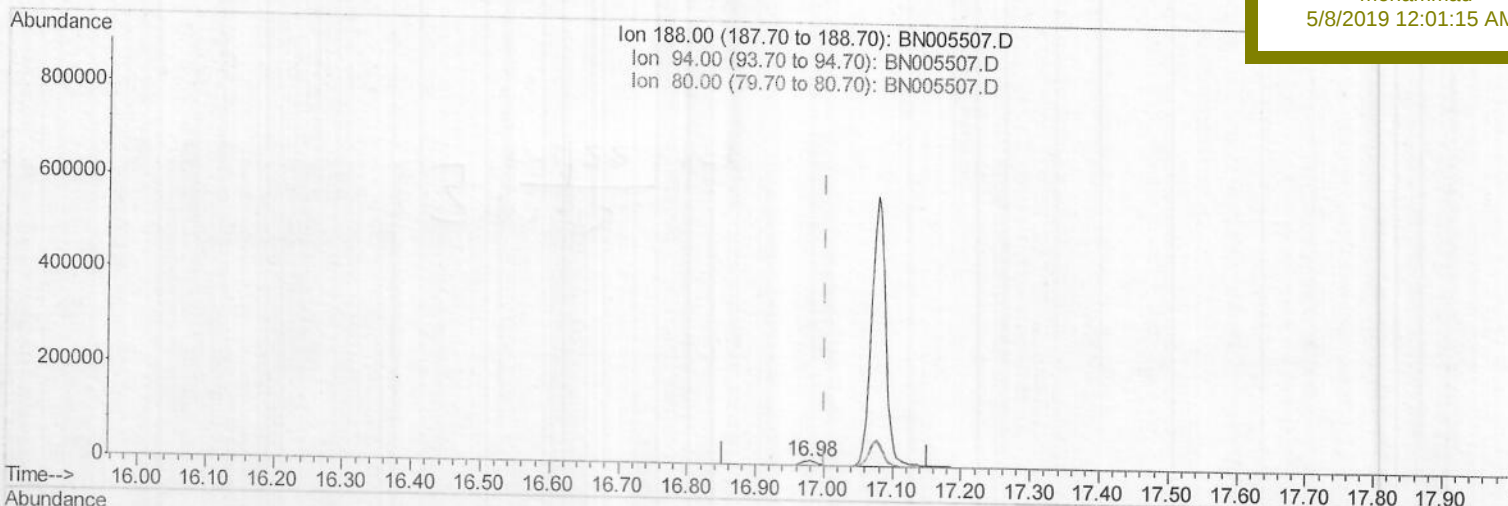
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:09:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(10) Phenanthrene-d10 (I)

16.980min (-0.021) 0.40ng/ul m) JU 05/08/19

response 13633

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.49
80.00	9.80	9.64
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

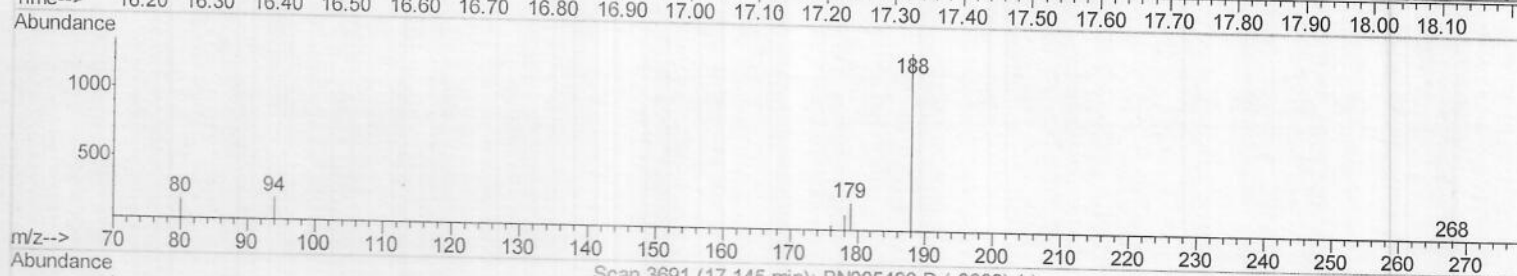
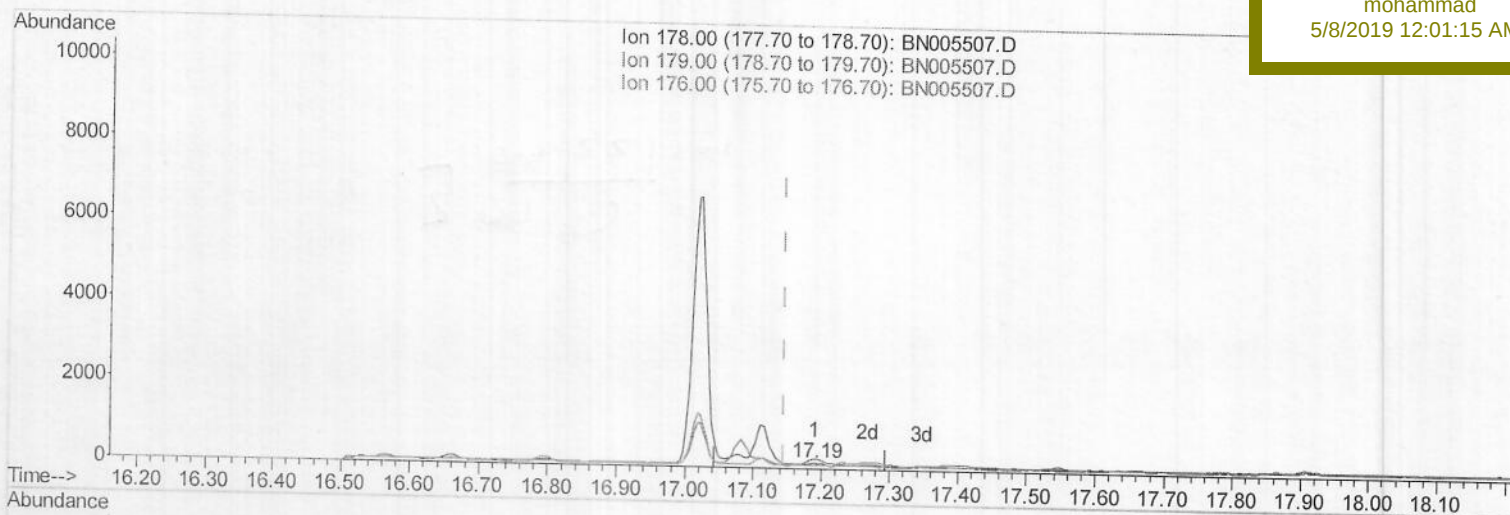
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:53:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

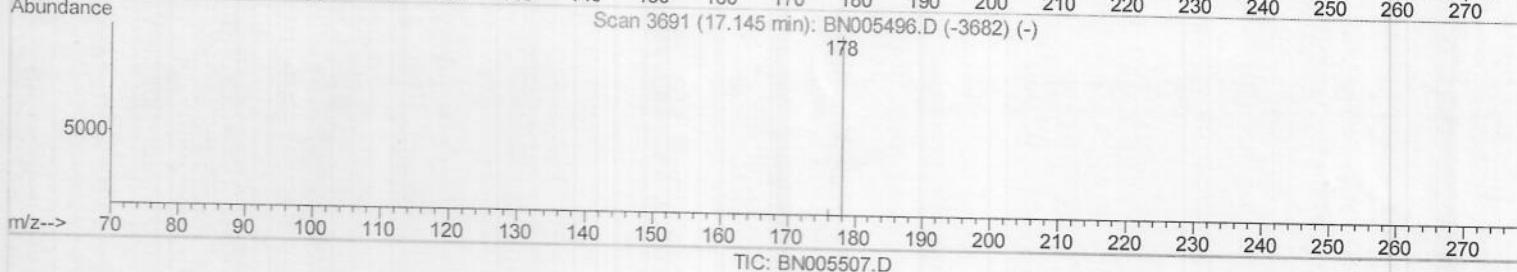
Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



Scan 3691 (17.145 min): BN005496.D (-3682) (-)



(13) Anthracene

17.191min (+0.046) 0.00ng/ul

response 78

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	158.82#
176.00	18.90	55.56#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

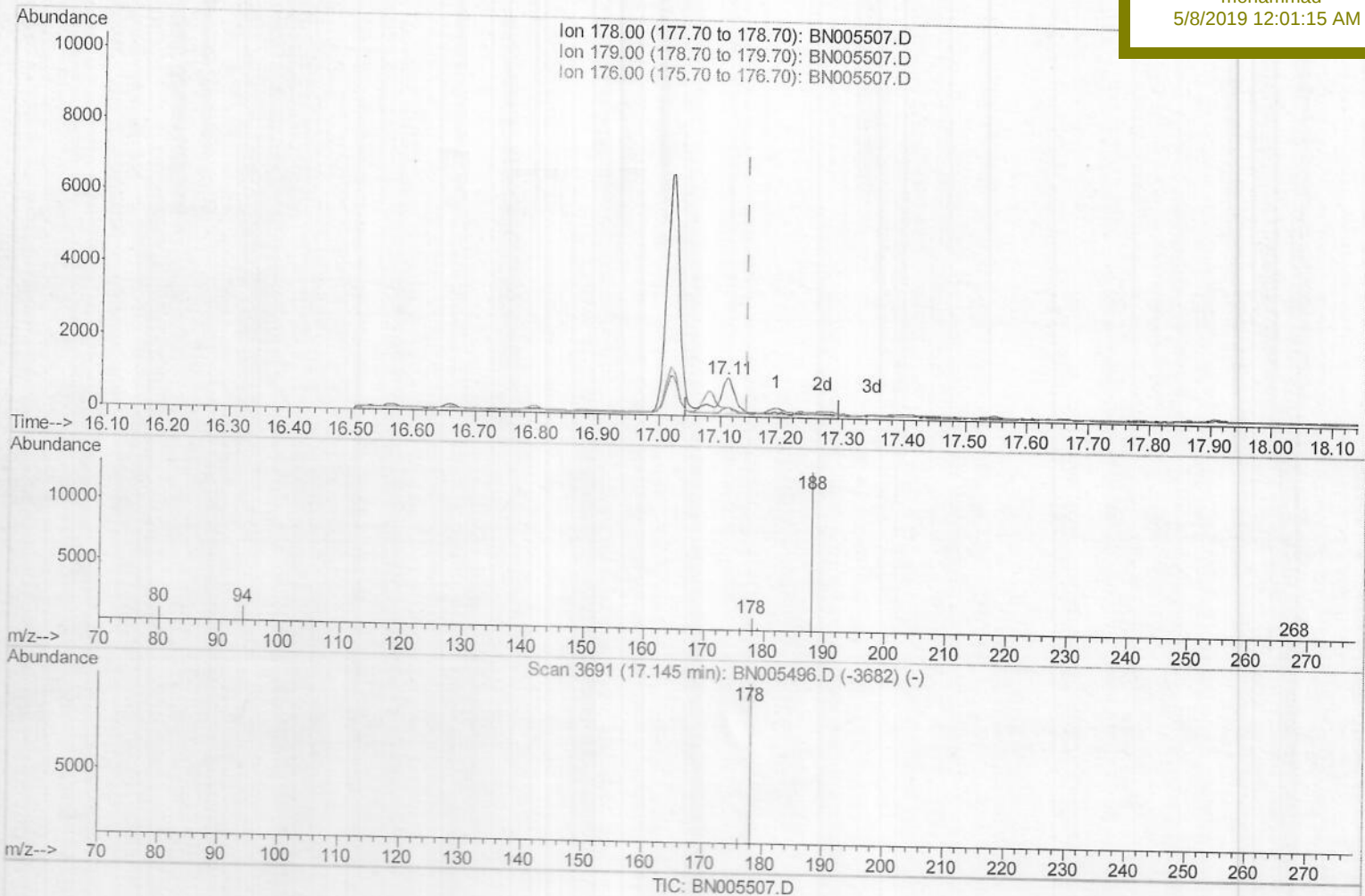
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:53:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(13) Anthracene

17.111min (-0.034) 0.04ng/ul m > 5005/08/19

response 1481

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	23.07#
176.00	18.90	23.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

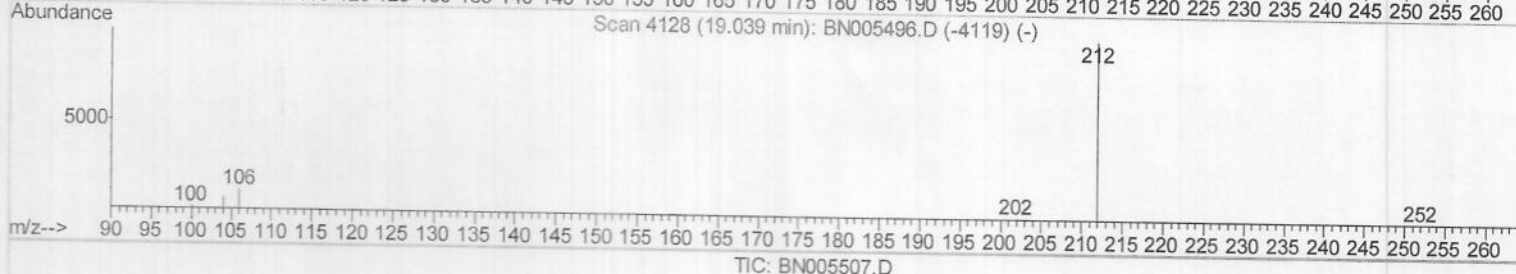
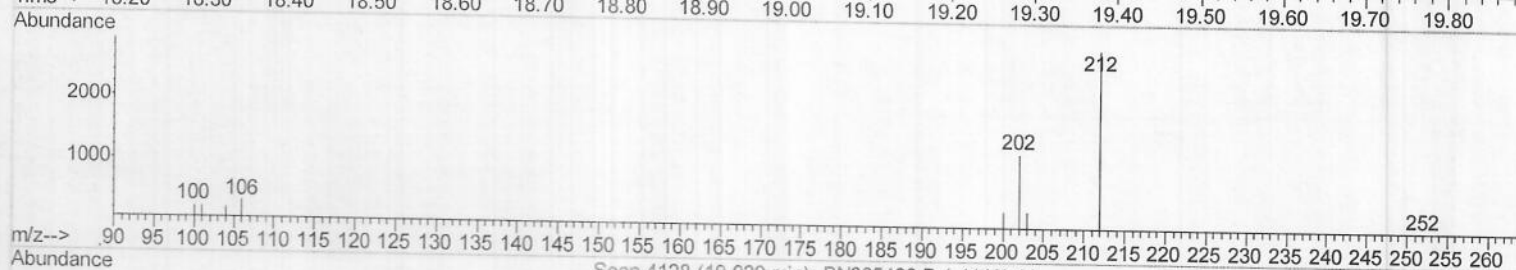
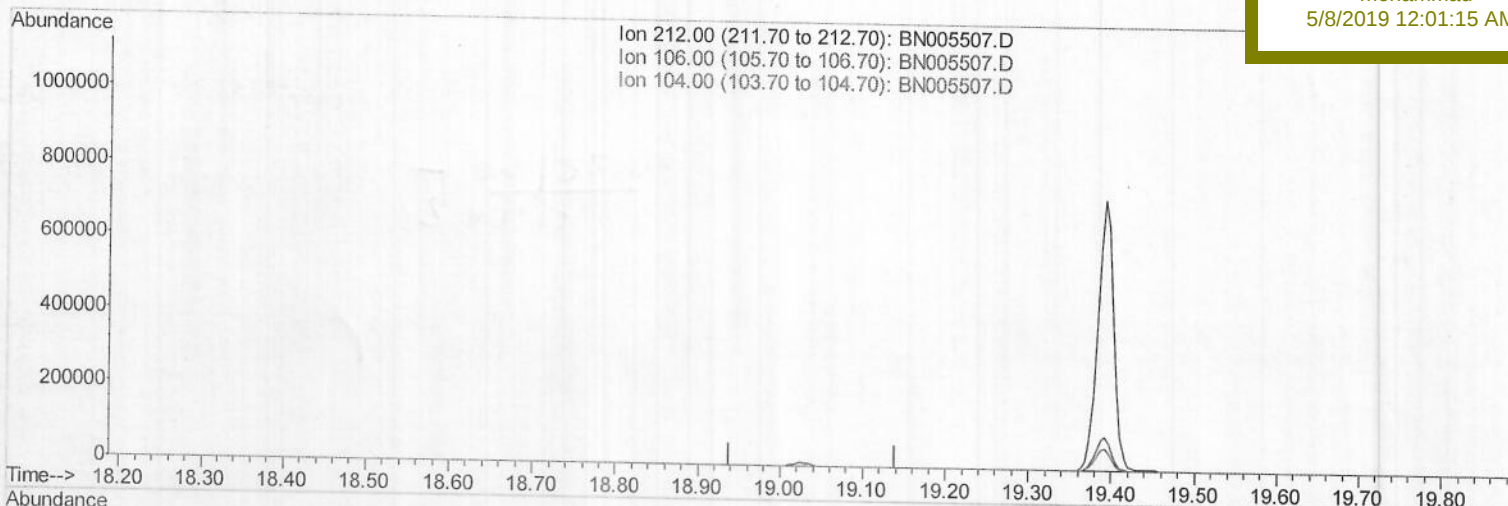
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:53:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(14) Fluoranthene-d10 (SURR)

19.039min (-19.039) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

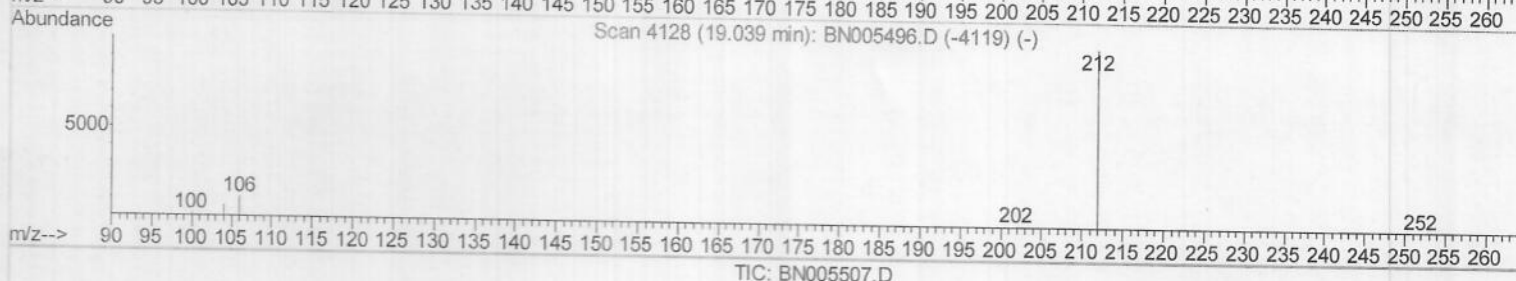
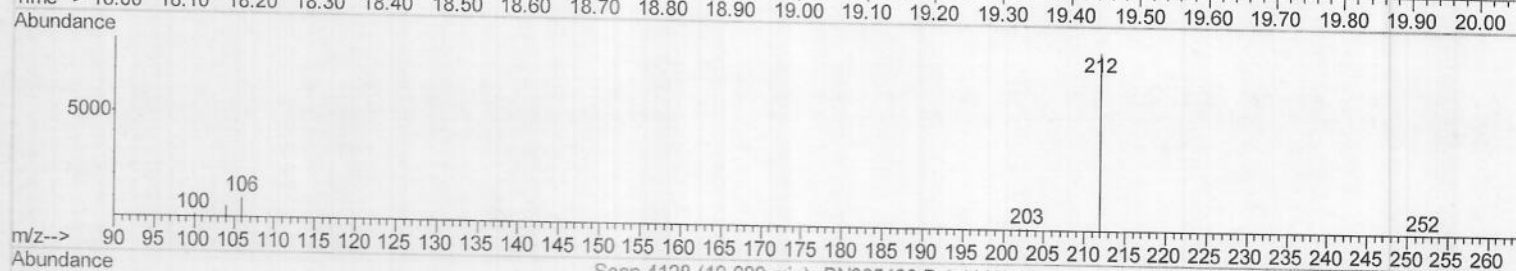
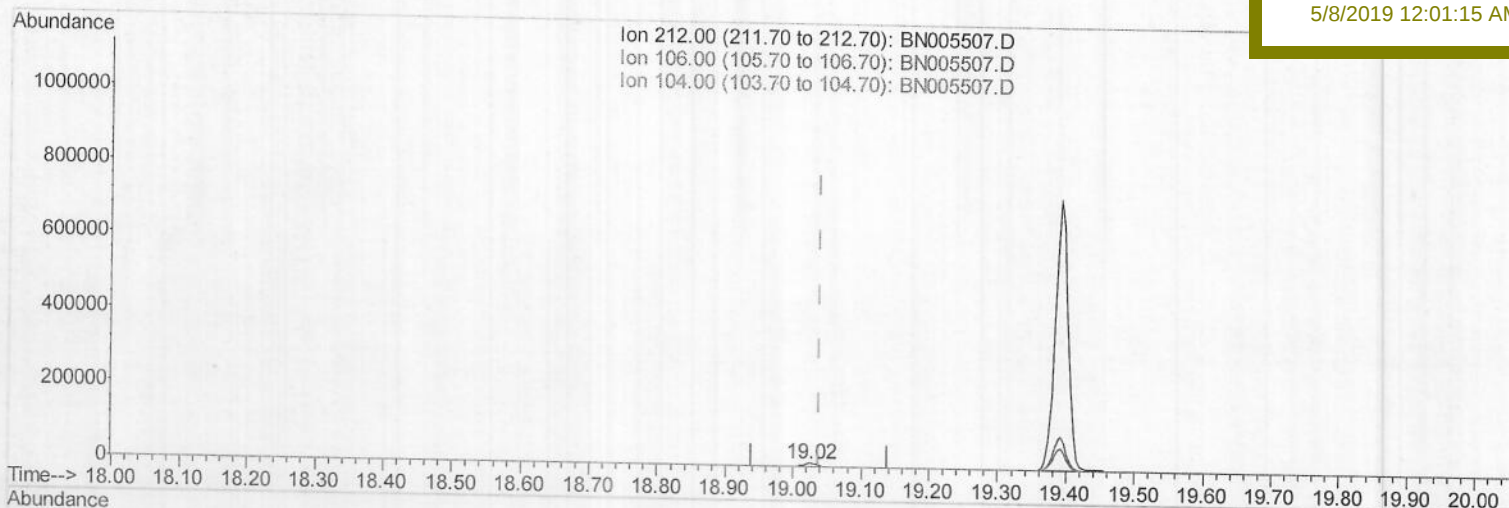
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:53:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(14) Fluoranthene-d10 (SURR)

19.025min (-0.014) 0.28ng/ul m

2505108119

response 11826

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

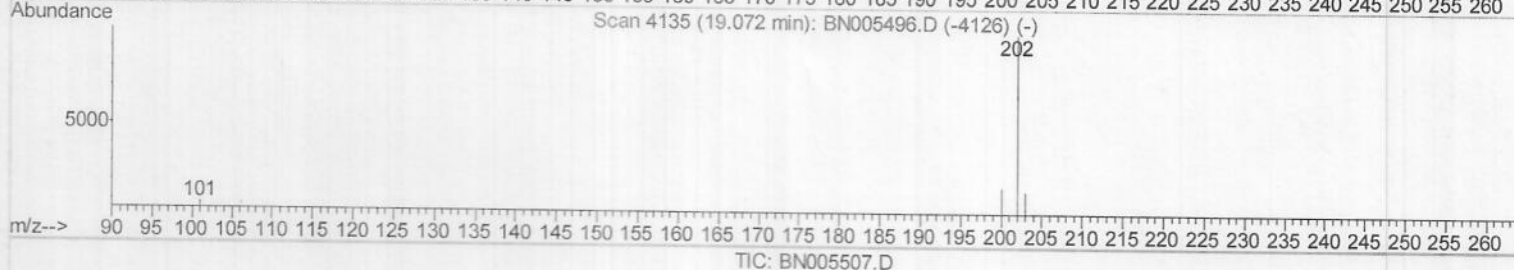
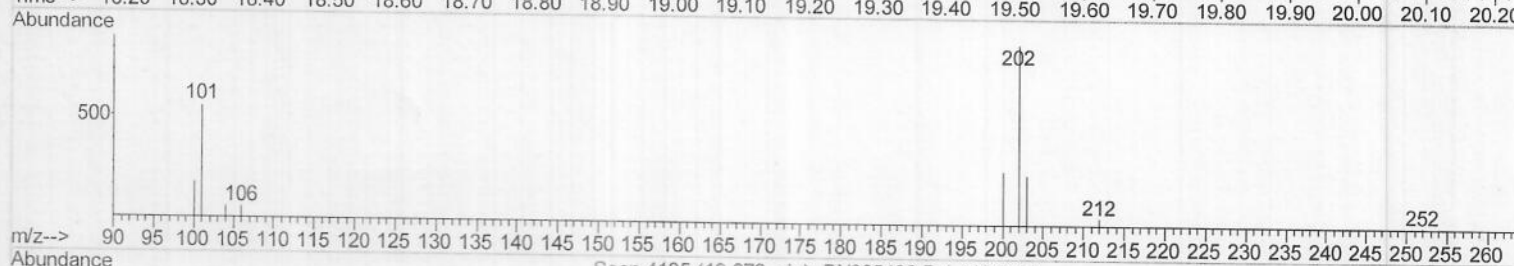
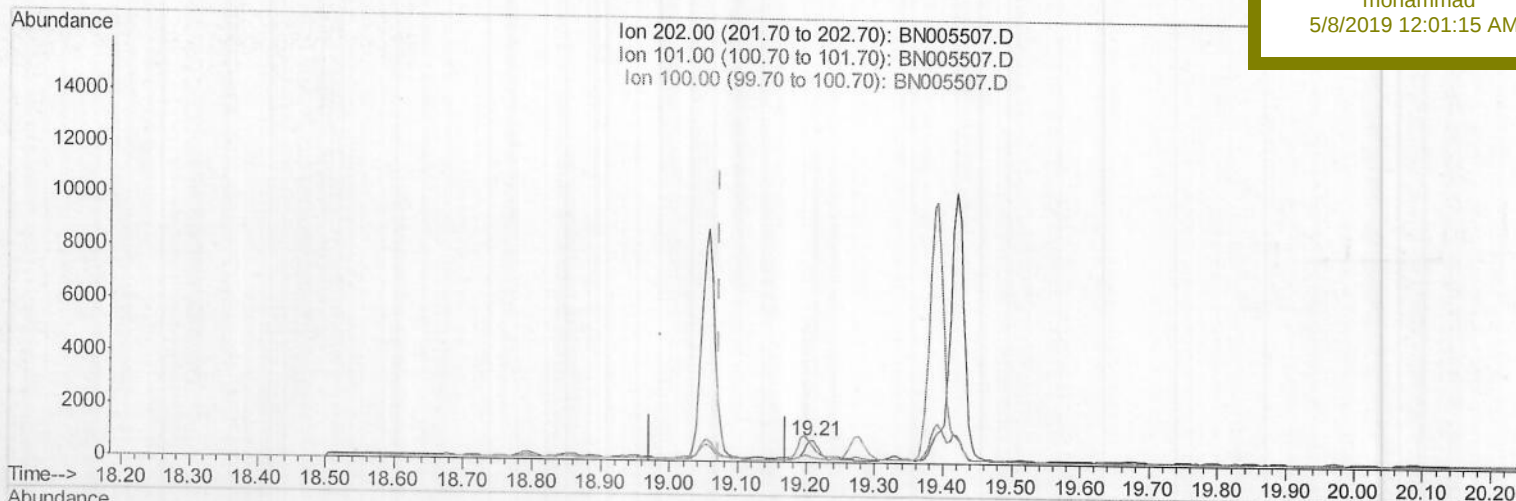
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:53:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(15) Fluoranthene (C)

19.211min (+0.139) 0.02ng/ul

response 951

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	64.70#
100.00	7.10	24.68
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

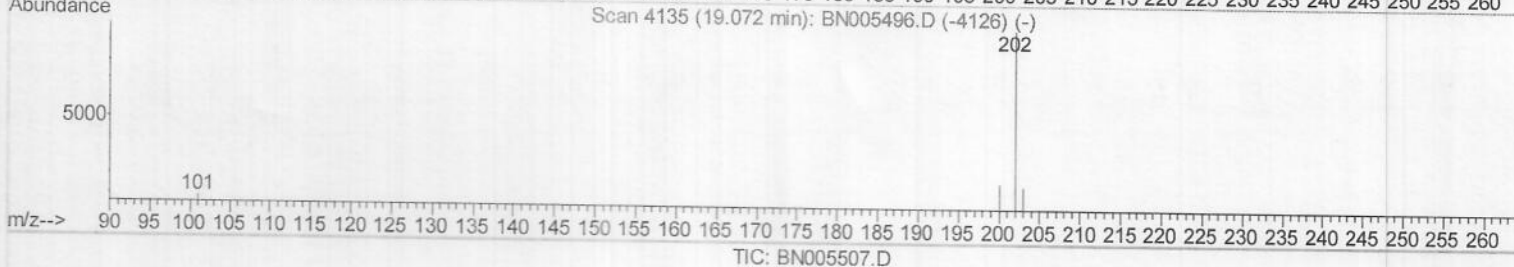
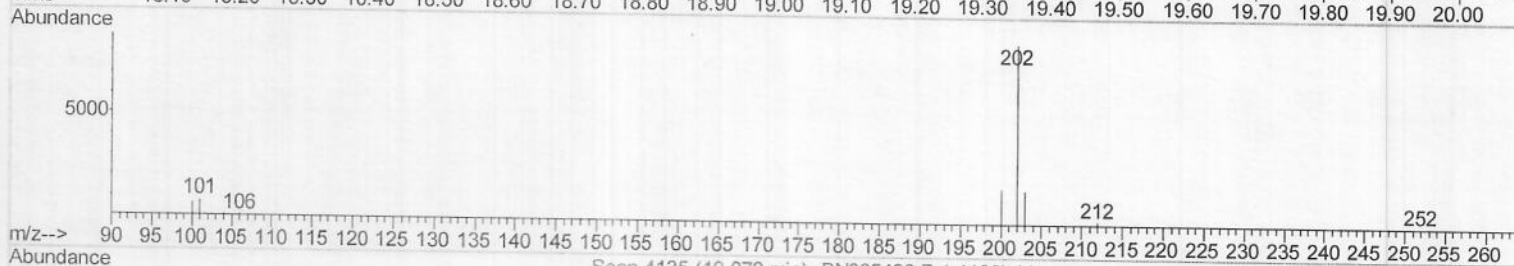
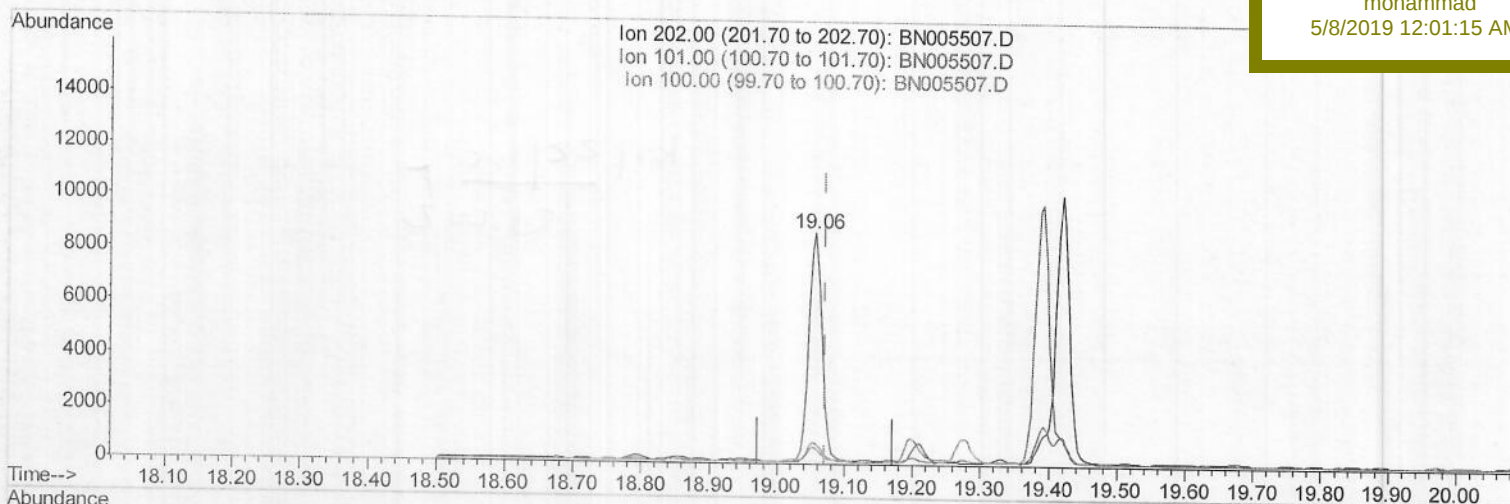
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:53:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(15) Fluoranthene (C)

19.057min (-0.014) 0.23ng/ul m >JU005108/19

response 11698

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	9.07
100.00	7.10	7.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

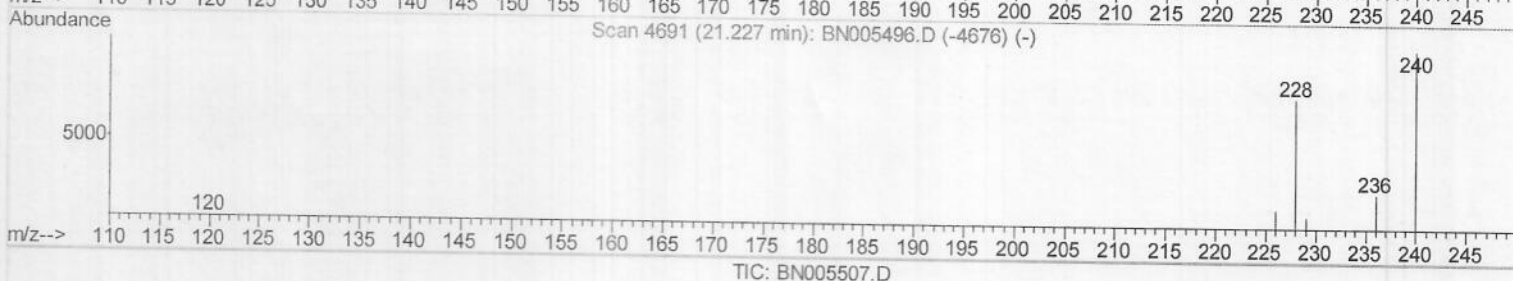
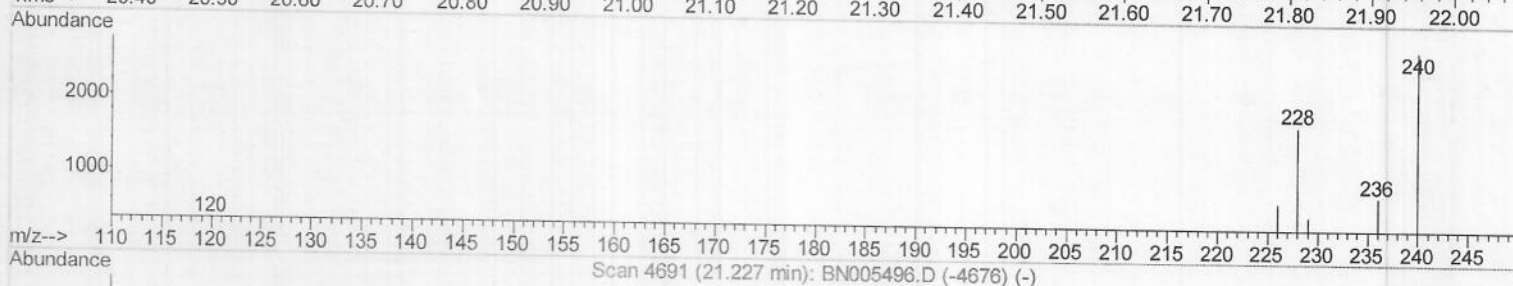
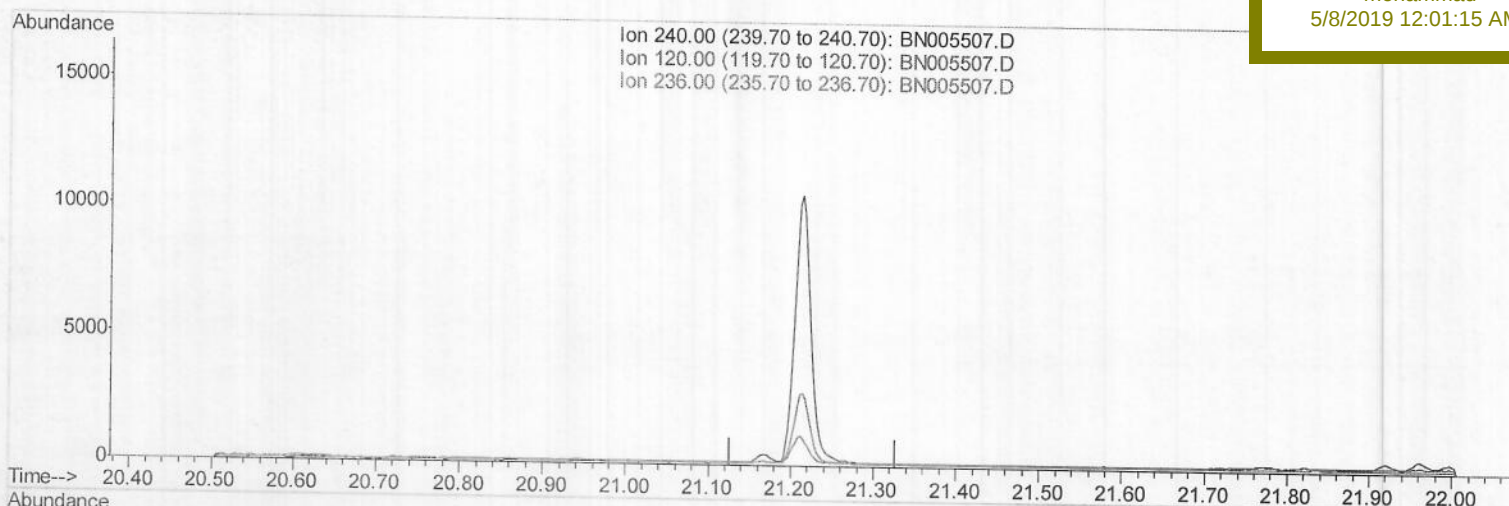
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:53:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(16) Chrysene-d12 (I)

21.227min (-21.227) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	11.90	0.00#
236.00	28.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

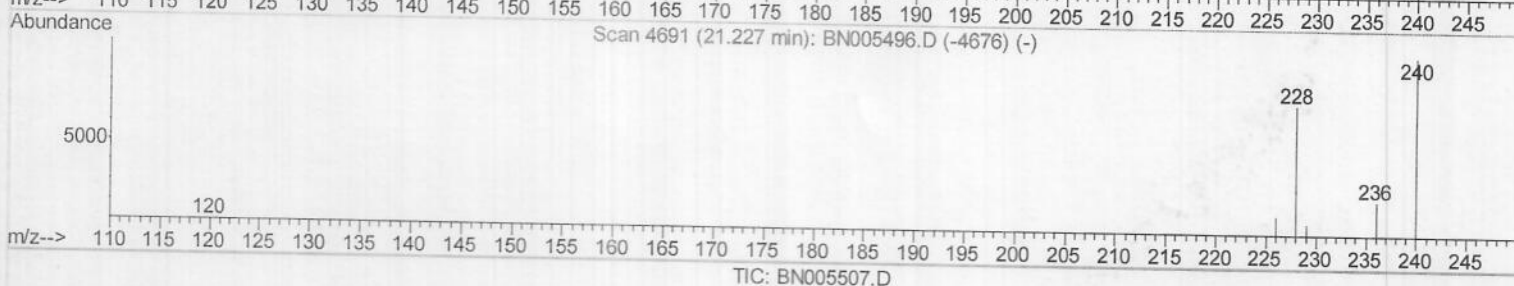
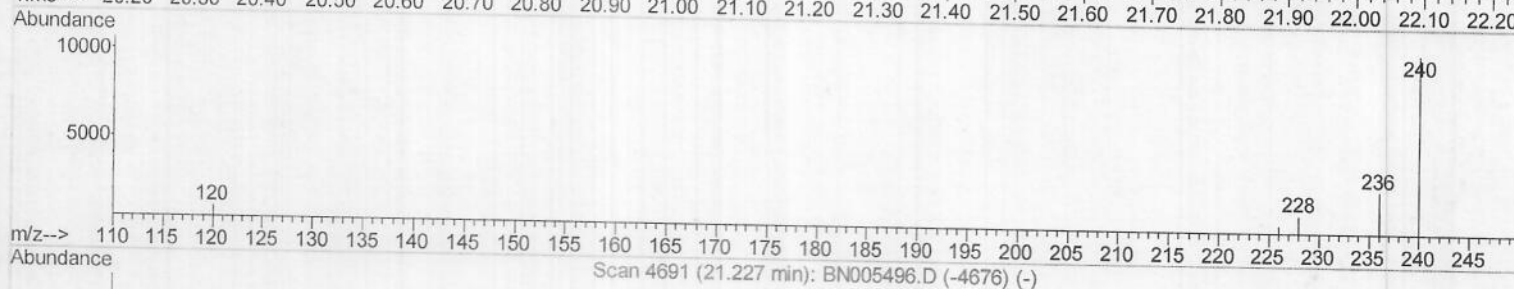
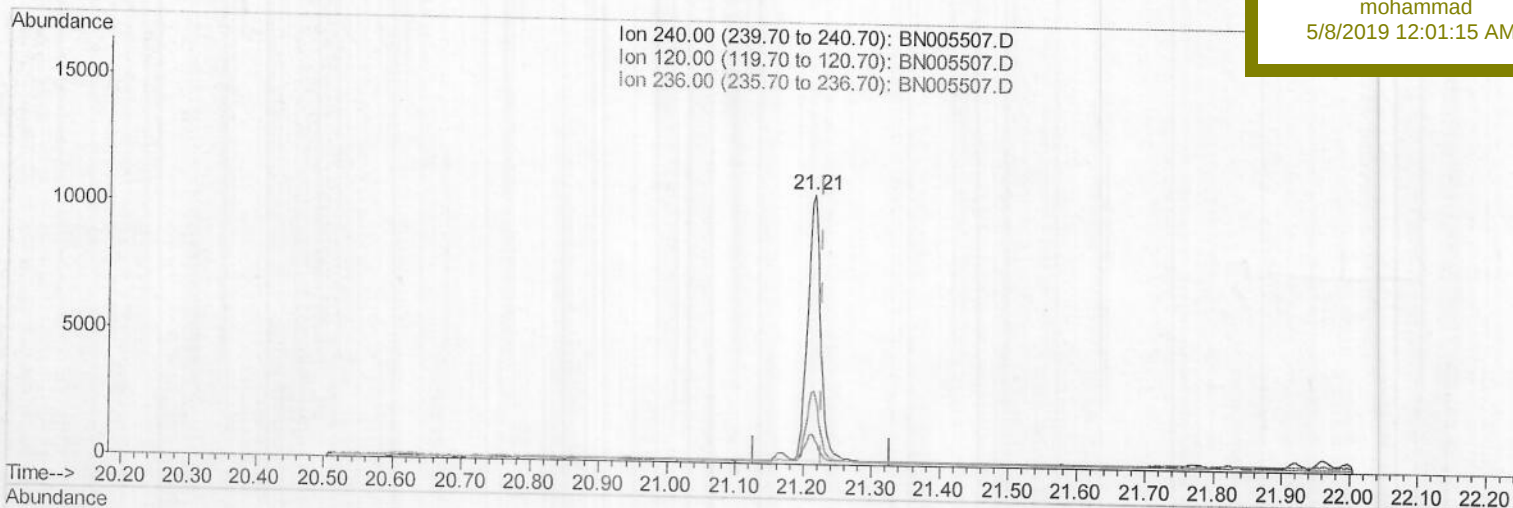
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:53:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(16) Chrysene-d12 (I)

21.214min (-0.013) 0.40ng/ul m > Ju05/08/19

response 13610

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	10.57
236.00	28.00	27.28
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

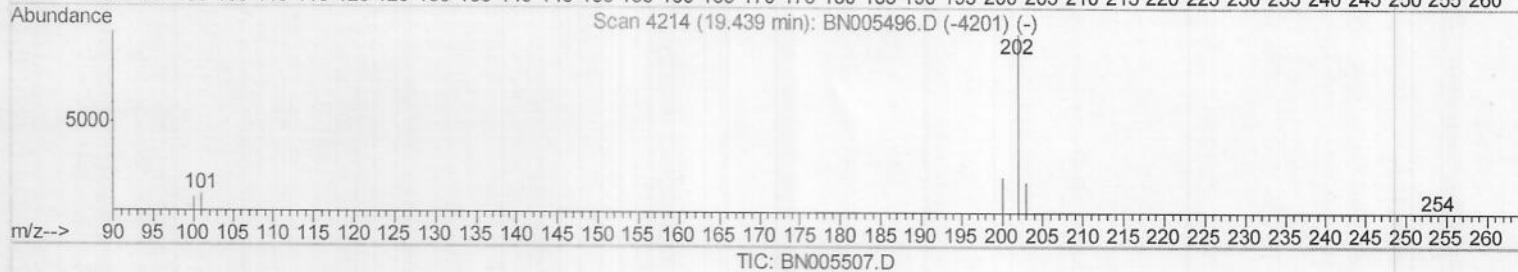
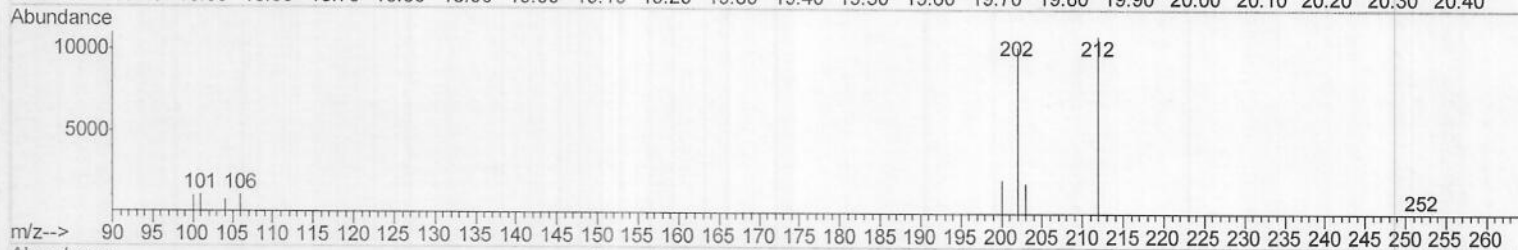
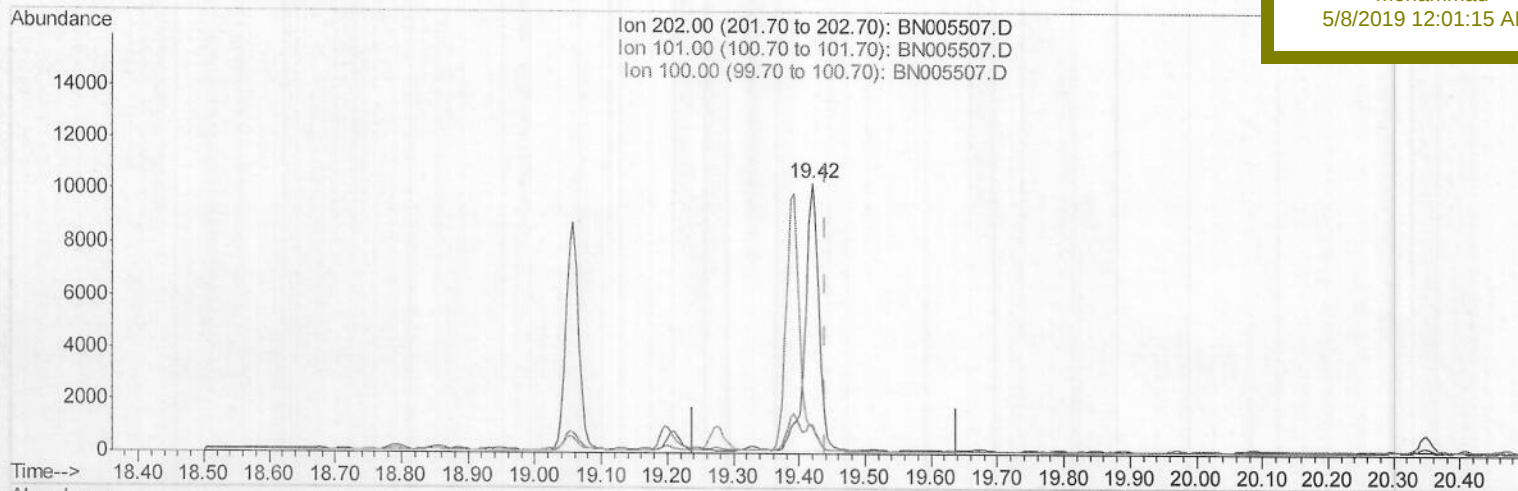
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:54:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(17) Pyrene

19.420min (-0.019) 0.30ng/ul

response 14888

Ion	Exp%	Act%
202.00	100	100
101.00	10.60	10.88
100.00	8.60	10.16
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

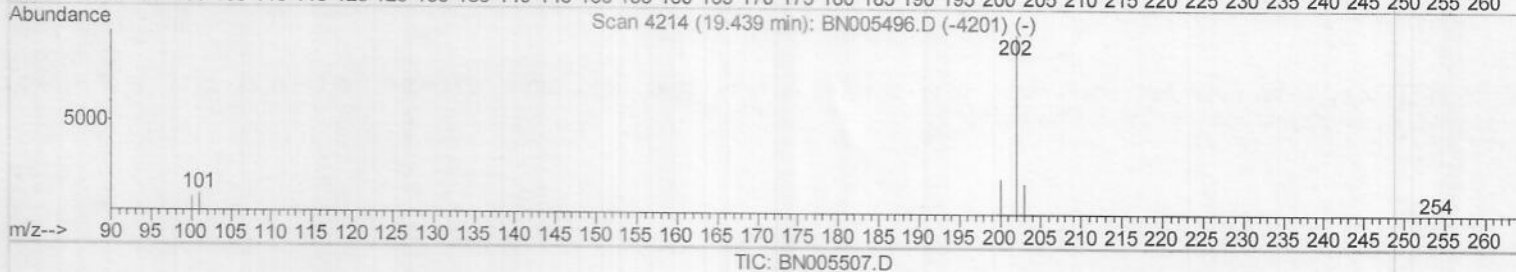
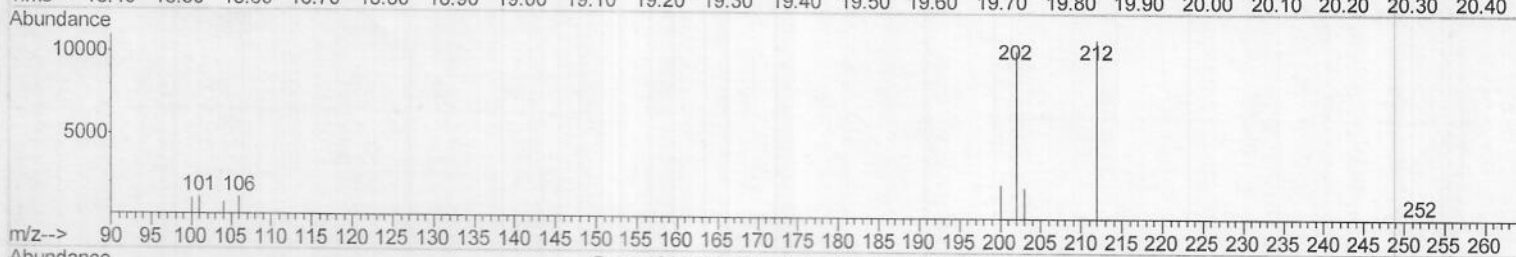
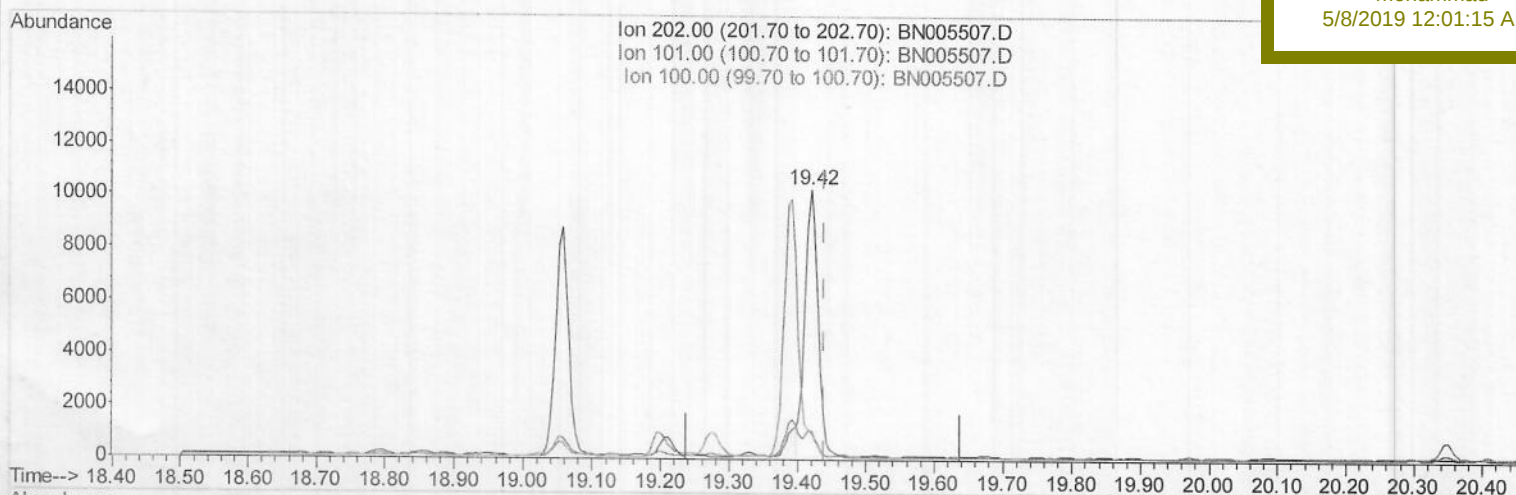
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:54:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(17) Pyrene

19.420min (-0.019) 0.27ng/ul m) JU05/08/19

response 13698

Ion	Exp%	Act%
202.00	100	100
101.00	10.60	10.88
100.00	8.60	10.16
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

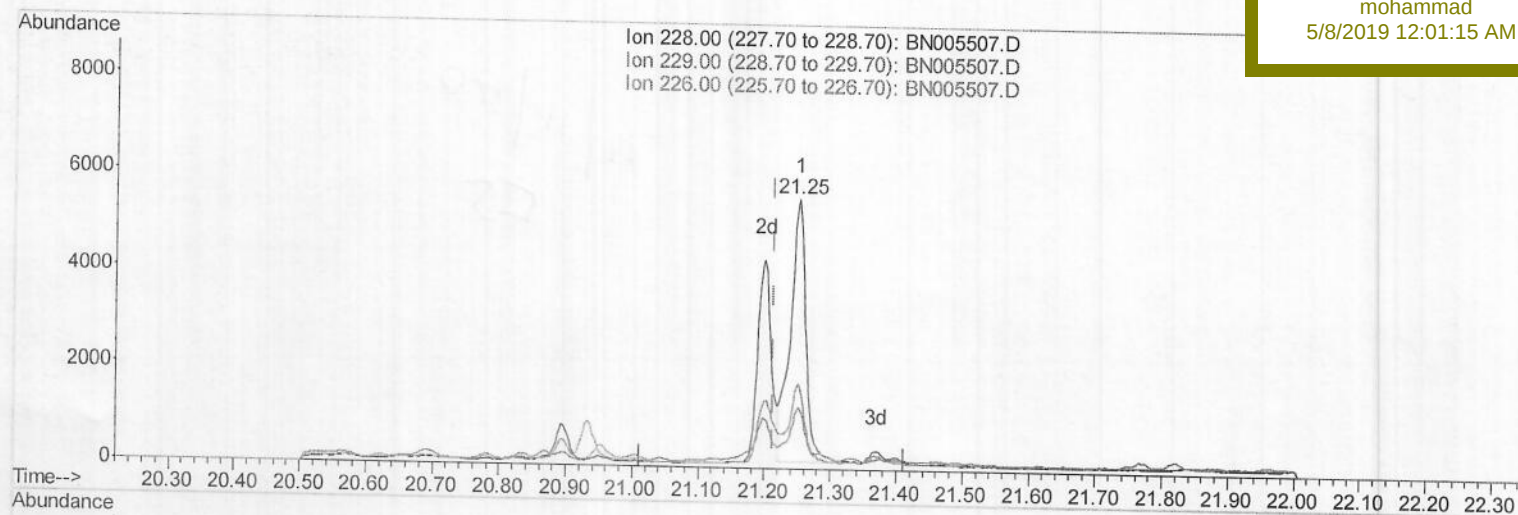
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:54:48 2019
Quant Method : 'Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(18) Benzo(a)anthracene

21.252min (+0.039) 0.19ng/ul

response 9053

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	22.69
226.00	27.10	31.37
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

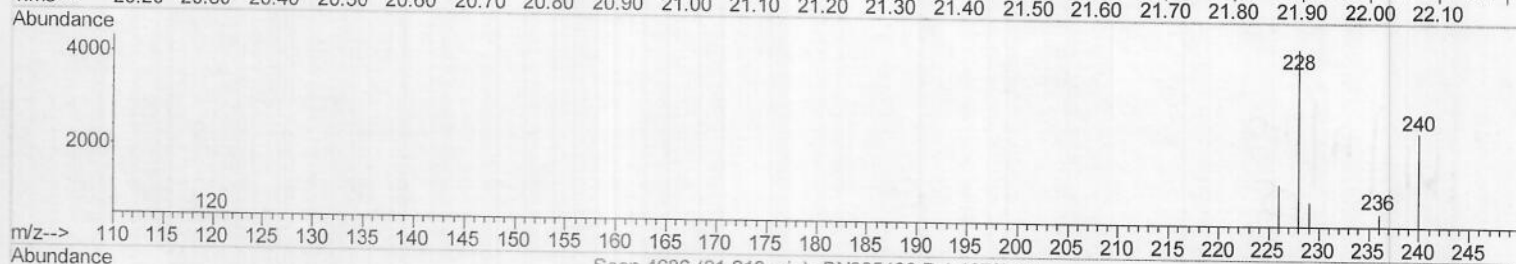
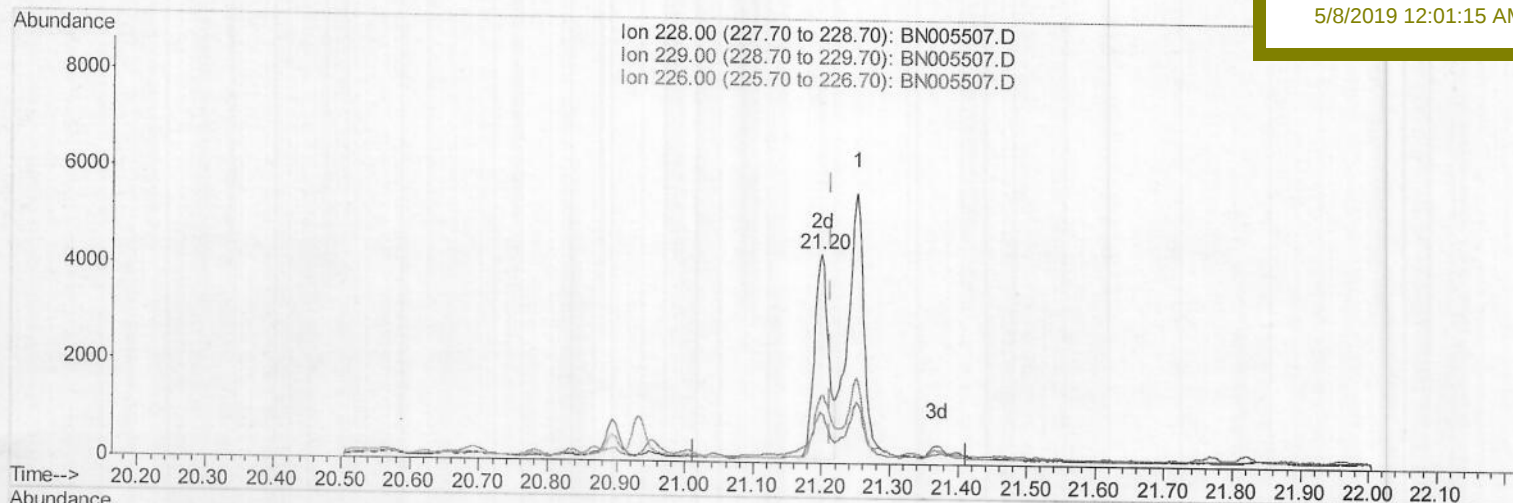
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:54:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

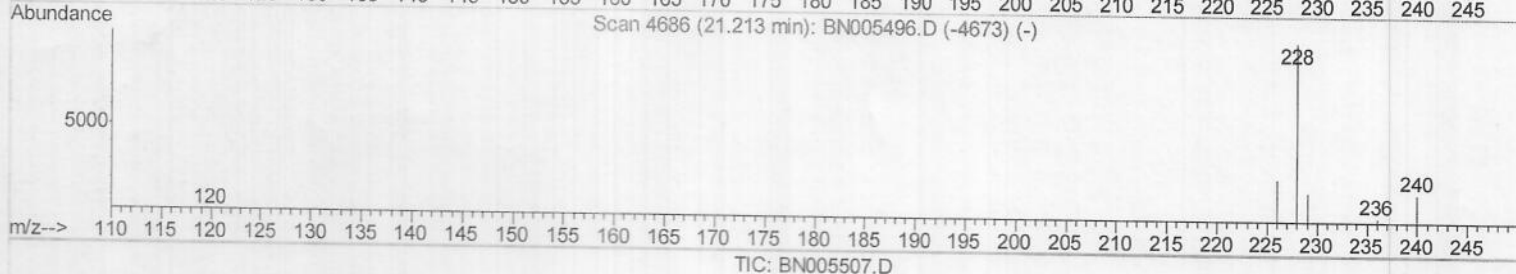
Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



Scan 4686 (21.213 min): BN005496.D (-4673) (-)



(18) Benzo(a)anthracene

21.199min (-0.013) 0.13ng/ul m)JU 05/08/19

response 6214

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	23.73
226.00	27.10	32.55#
0.00	0.00	0.00

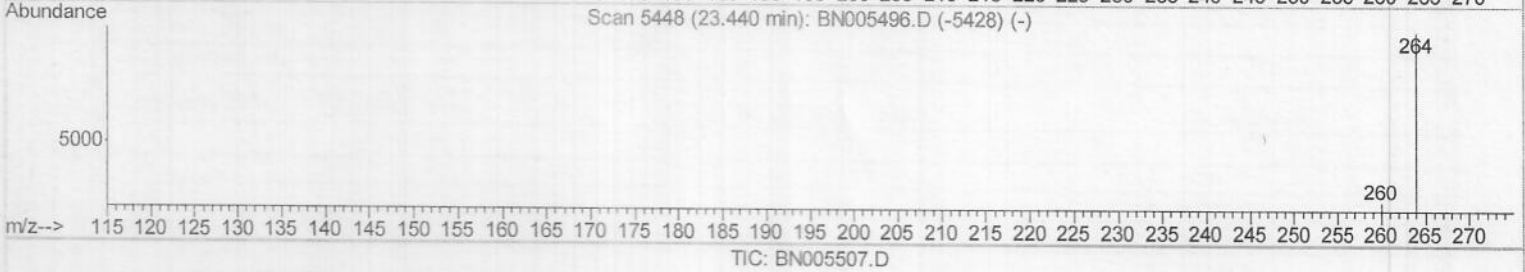
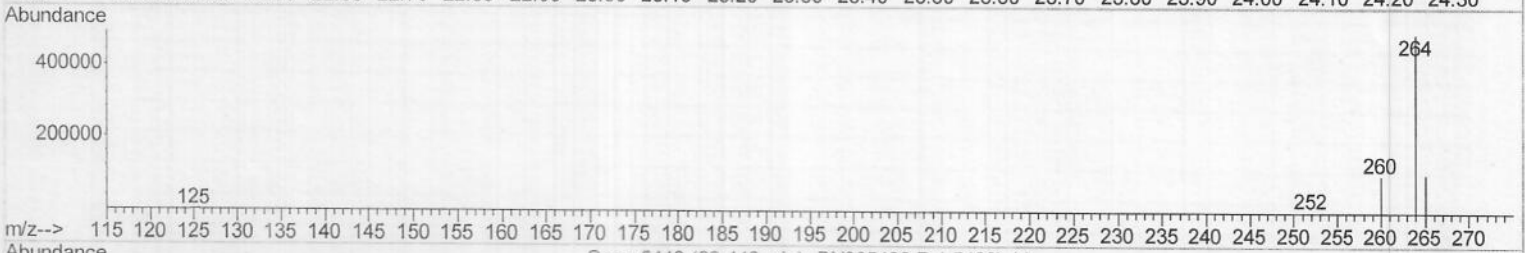
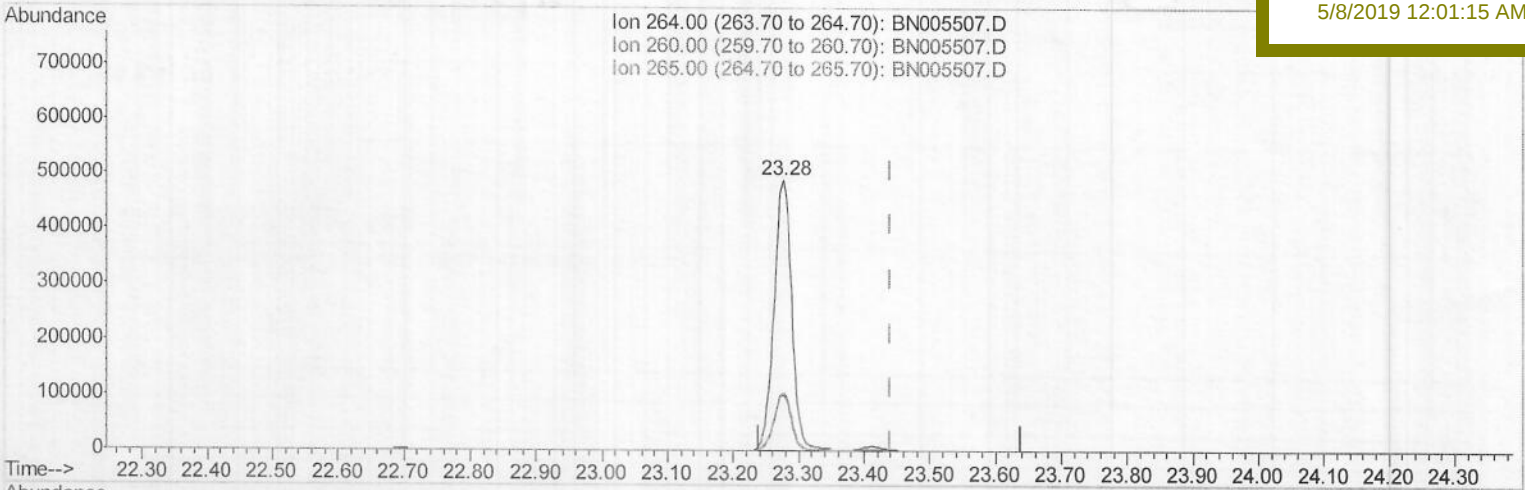
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:54:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(20) Perylene-d12 (I)

23.277min (-0.162) 0.40ng/ul

response 909338

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.64
265.00	31.70	21.42#
0.00	0.00	0.00

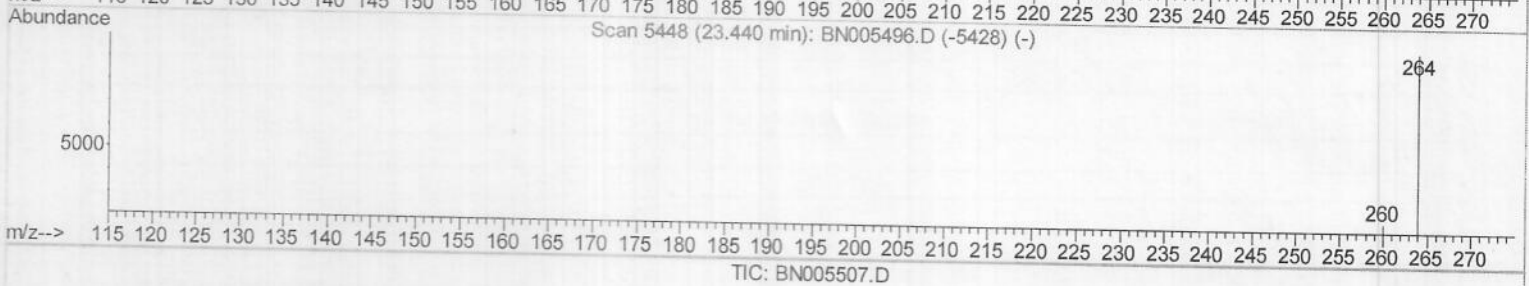
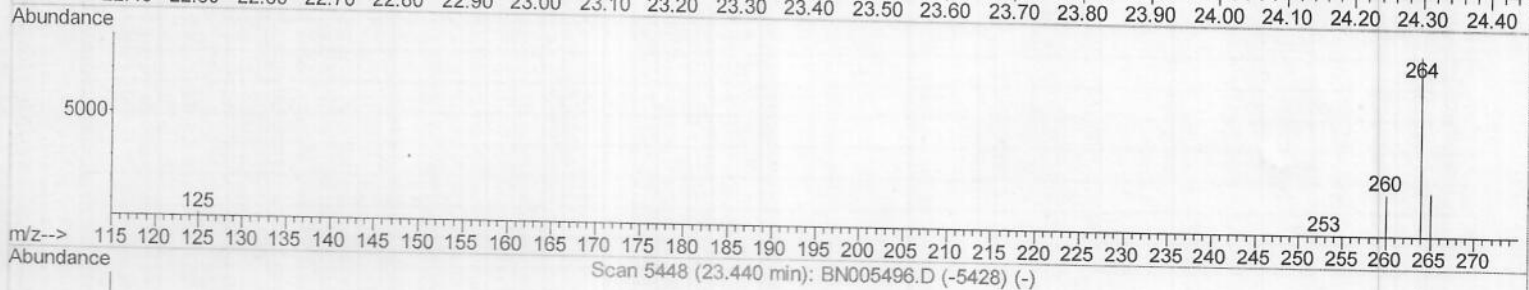
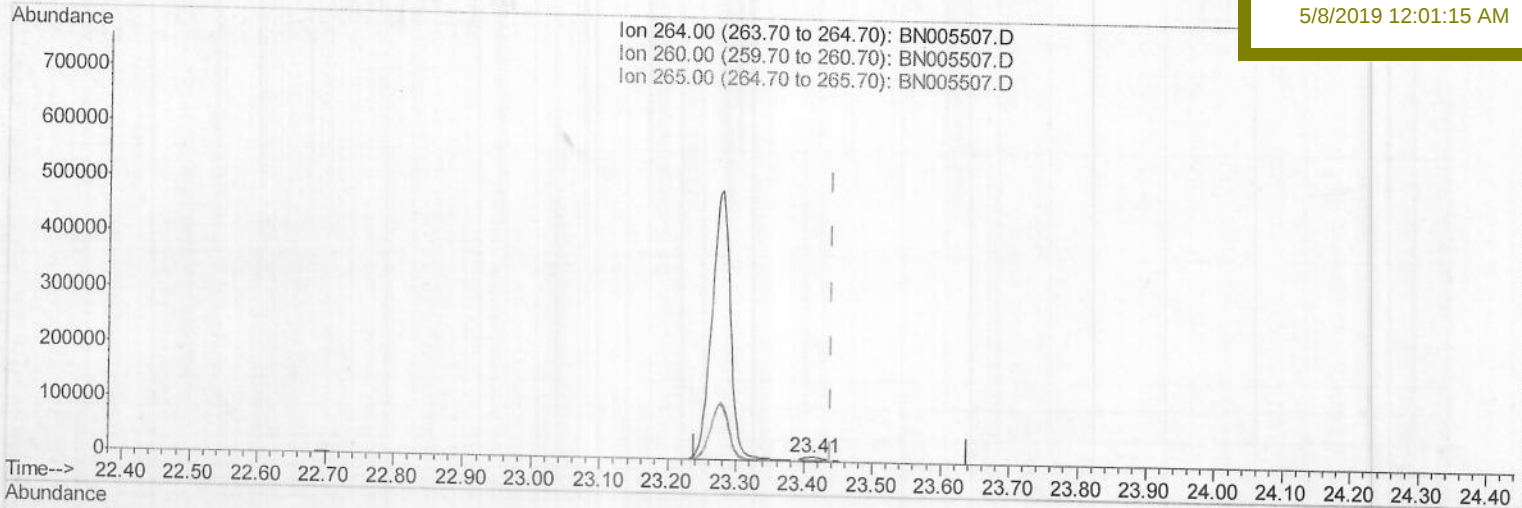
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:54:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(20) Perylene-d12 (I)

23.412min (-0.028) 0.40ng/ul m > 5005108119

response 11899

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	25.26
265.00	31.70	26.41
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

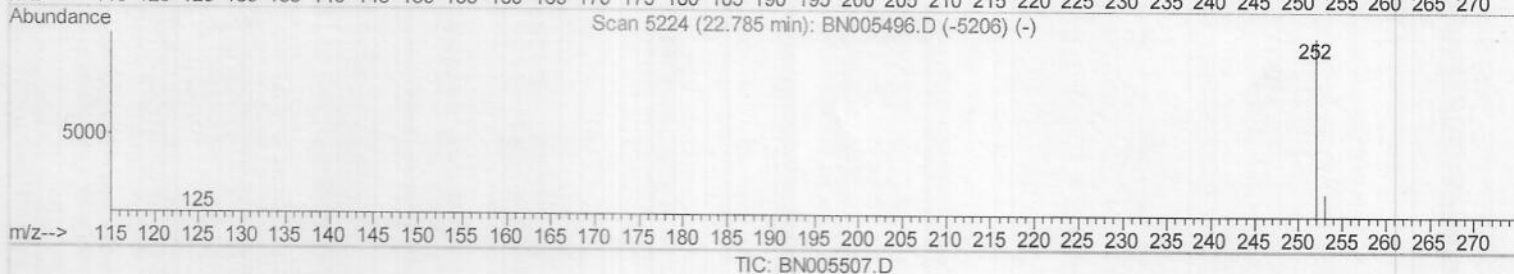
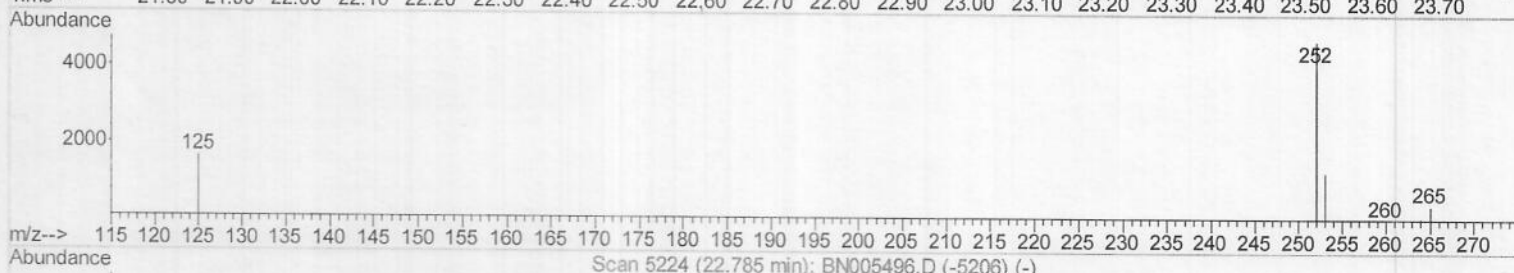
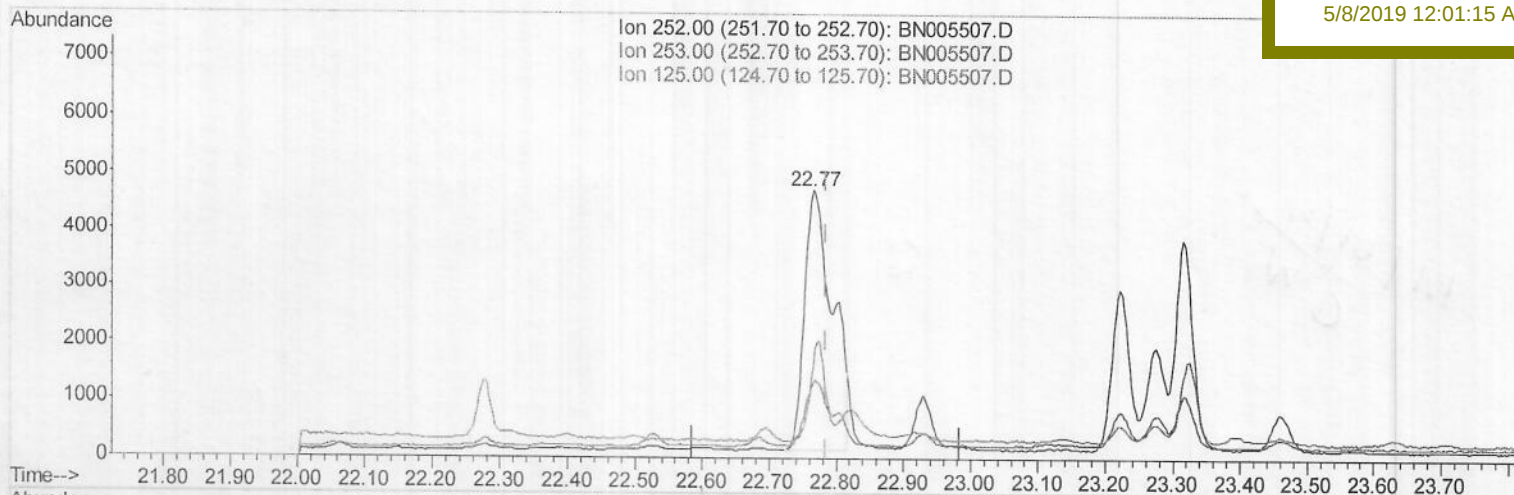
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(21) Benzo(b)fluoranthene
22.766min (-0.019) 0.37ng/ul
response 13075

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	27.63
125.00	10.40	34.69#
0.00	0.00	0.00

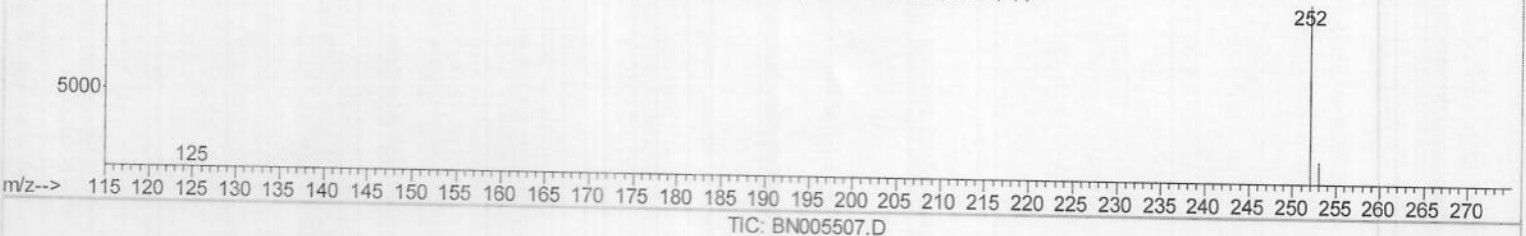
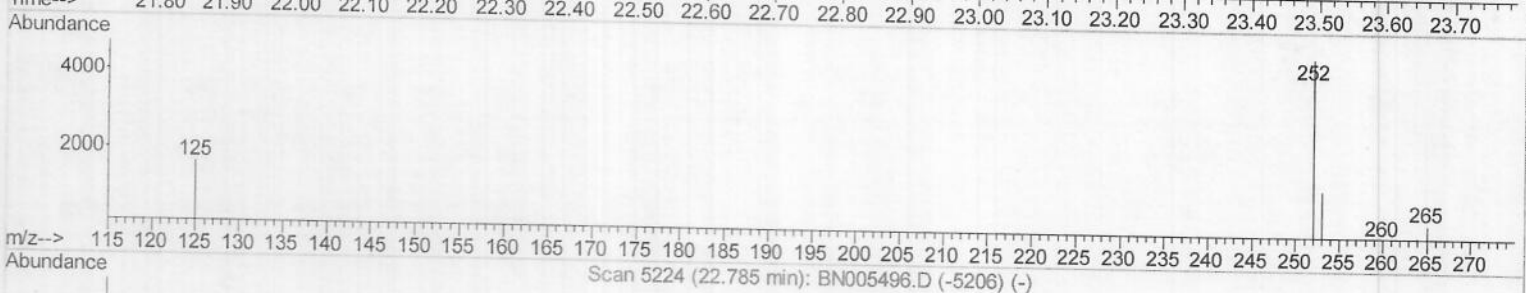
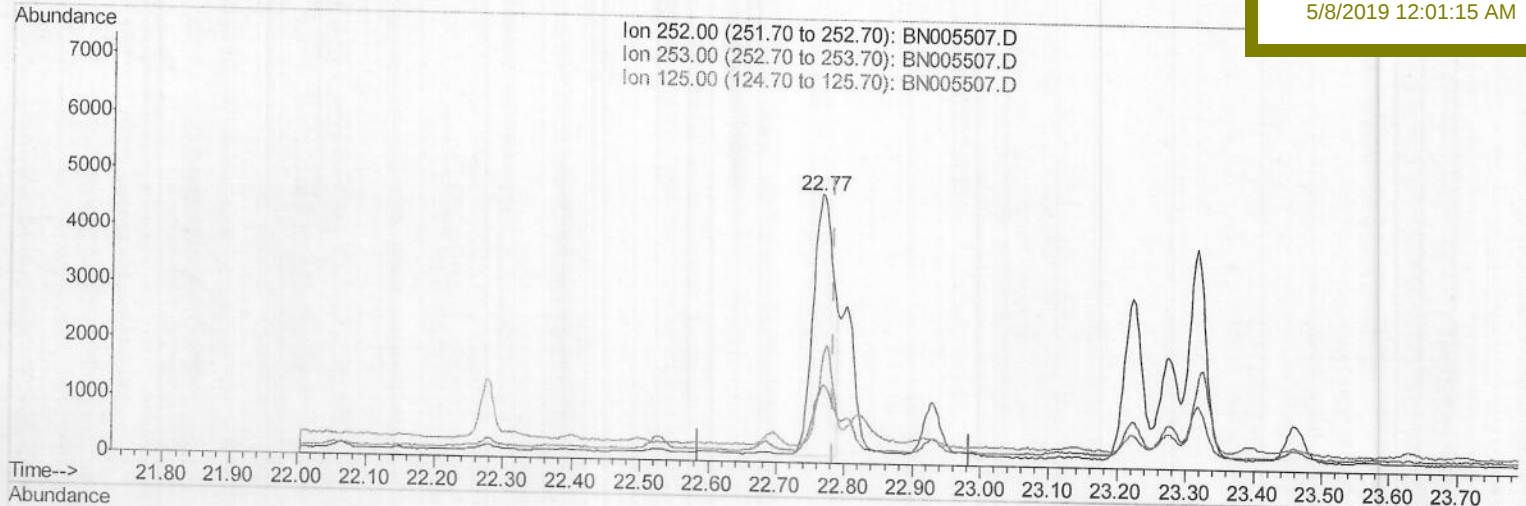
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM

Quant Time: May 07 07:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.766min (-0.019) 0.27ng/ul m > JU05108119

response 9654

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	27.63
125.00	10.40	34.69#
0.00	0.00	0.00

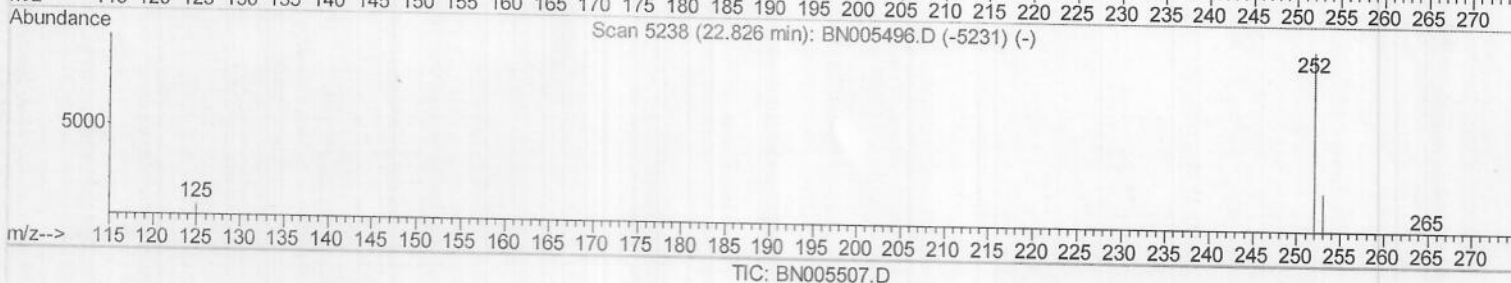
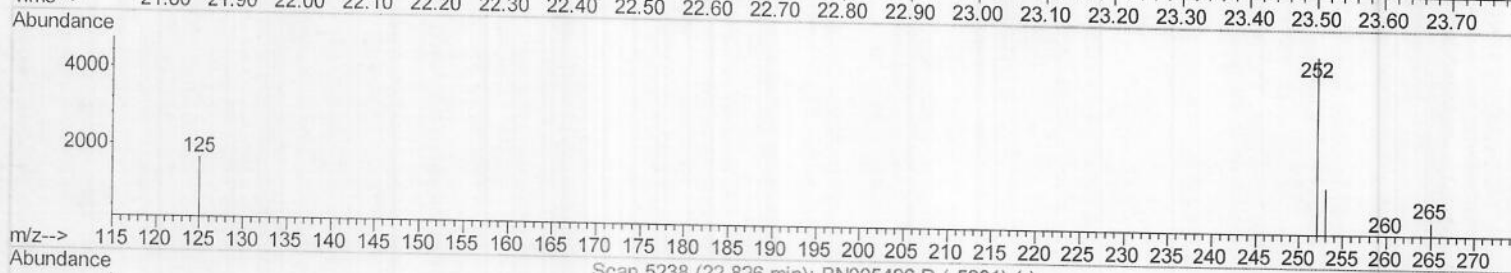
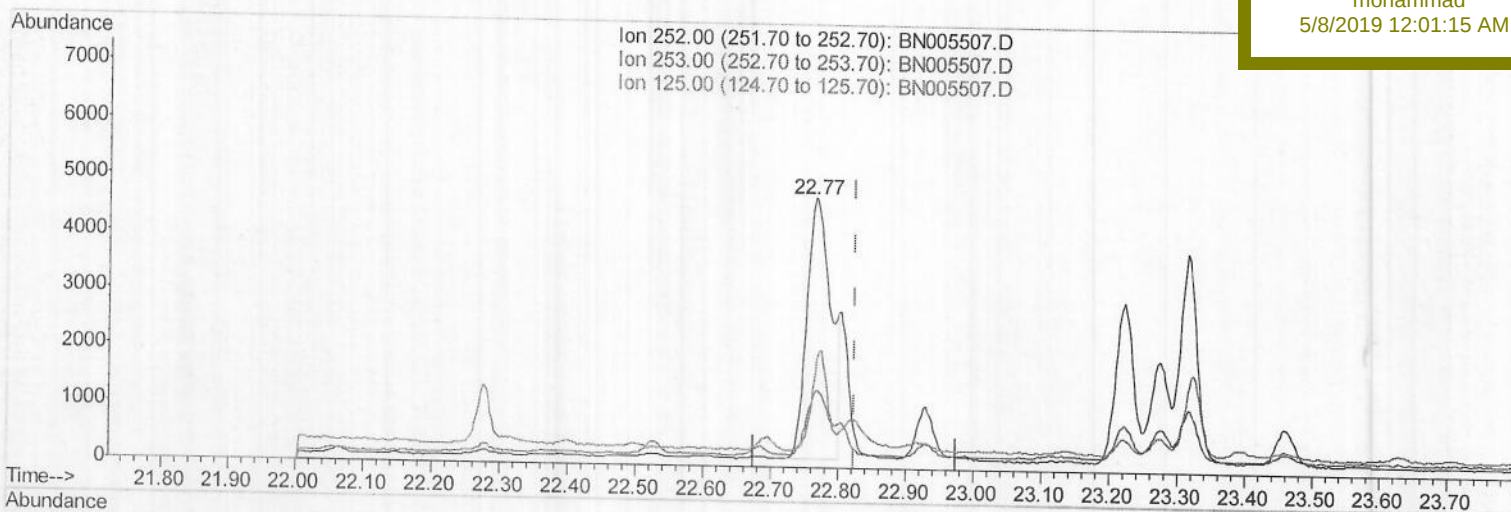
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(22) Benzo(k)fluoranthene
22.766min (-0.060) 0.25ng/ul
response 11269
Ion Exp% Act%
252.00 100 100
253.00 23.50 27.63
125.00 9.50 34.69#
0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

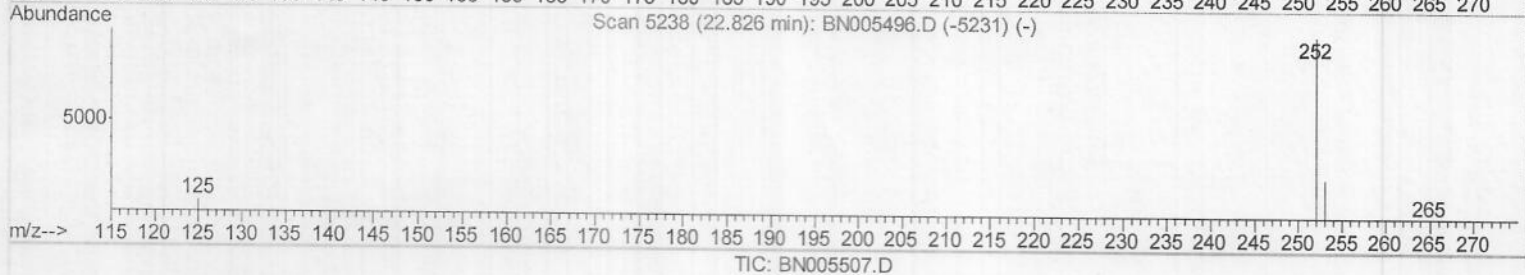
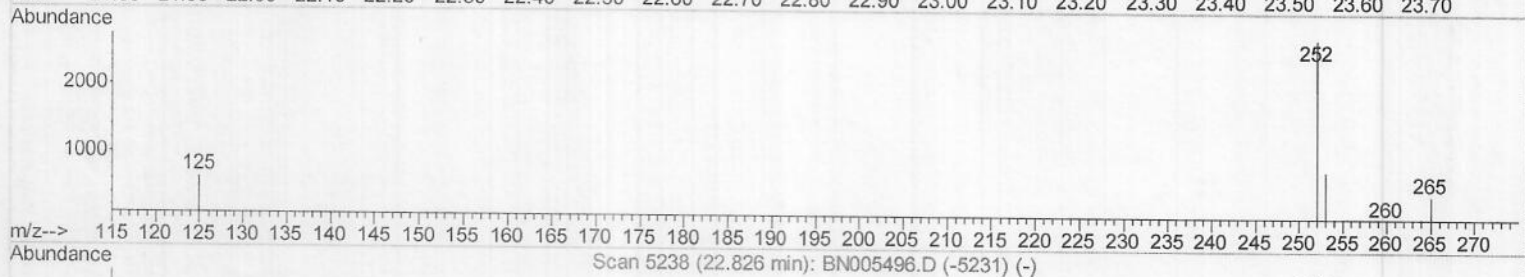
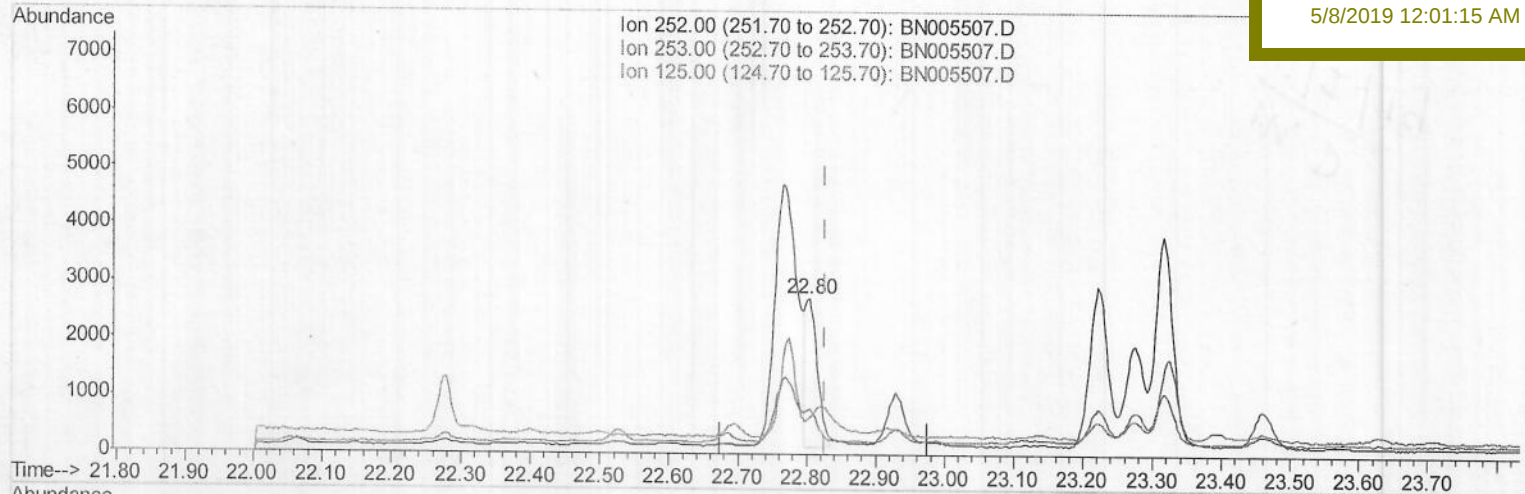
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(22) Benzo(k)fluoranthene

22.804min (-0.022) 0.07ng/ul m

> JU05/08/19

response 3256

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	28.83#
125.00	9.50	23.38#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\

Quantitation Report (Qedit)

Data File : BN005507.D

Acq On : 07 May 2019 03:57

Operator : JU/SJ

Sample : K2403-08

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:55:41 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 07 07:04:57 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

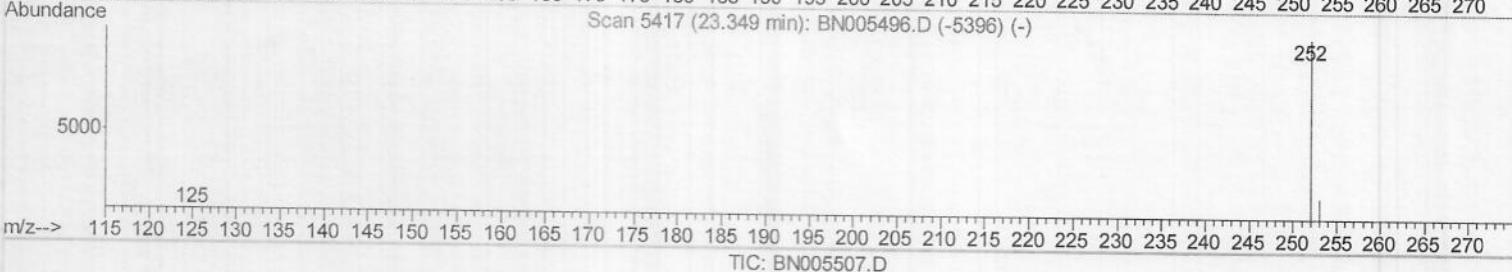
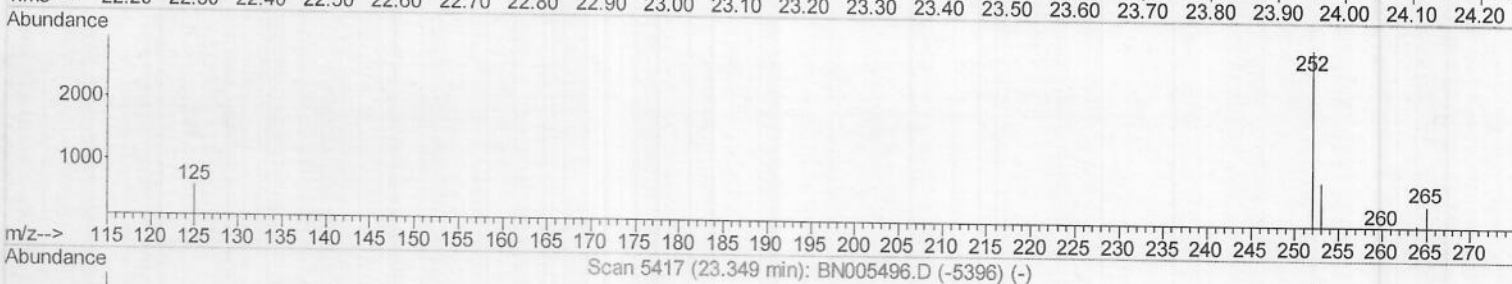
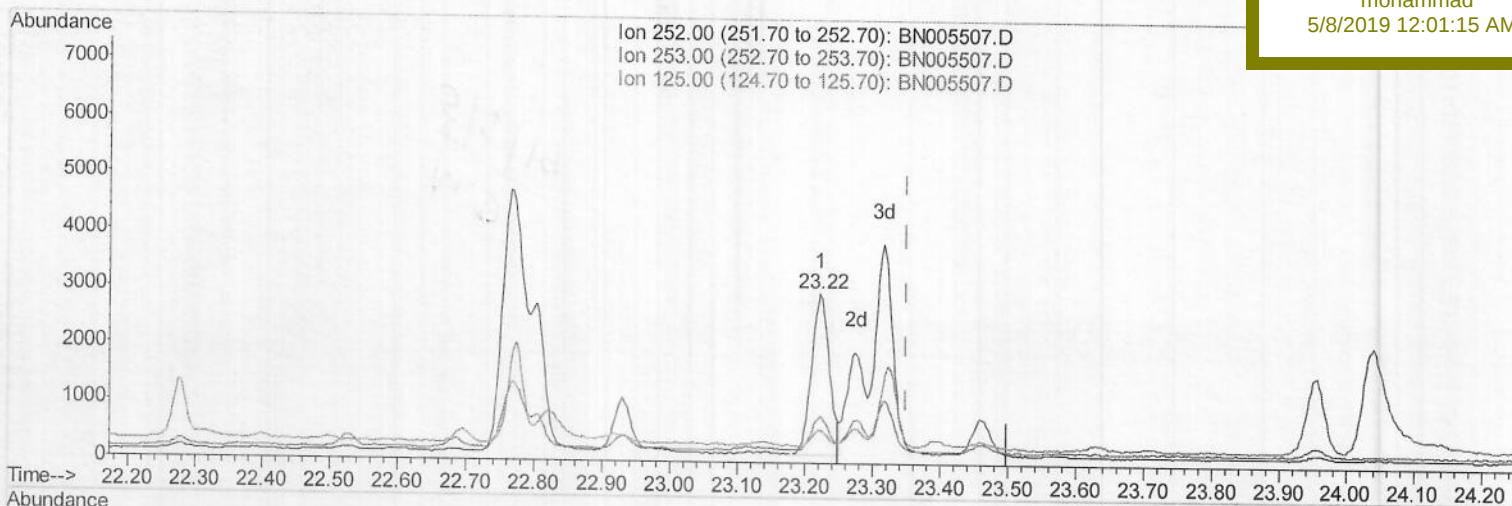
A5125

Manual Integrations

APPROVED

mohammad

5/8/2019 12:01:15 AM



(23) Benzo(a)pyrene (C)

23.222min (-0.127) 0.13ng/ul

response 5168

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	27.77
125.00	12.60	19.59#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

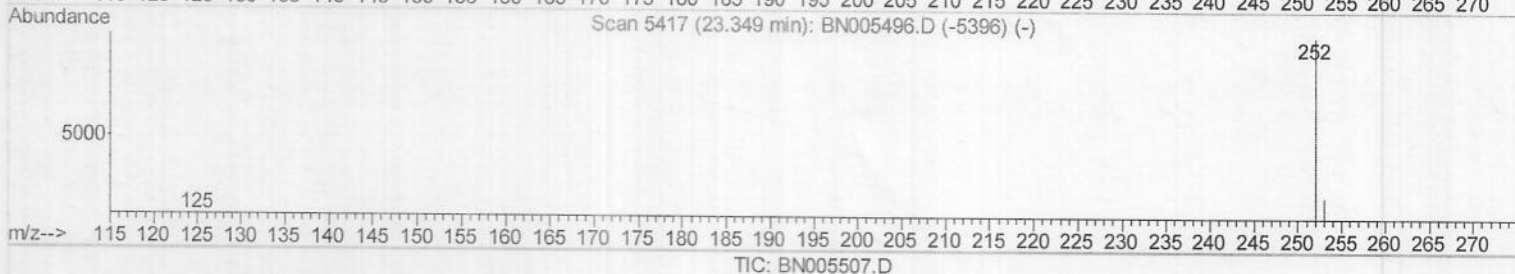
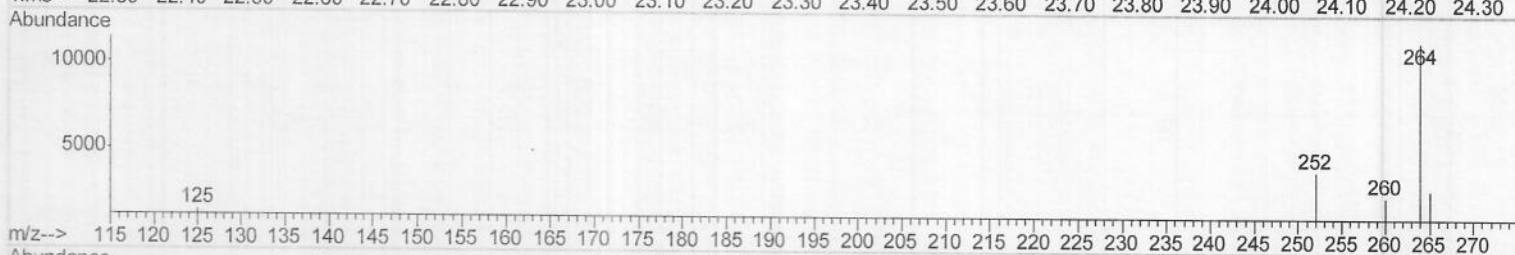
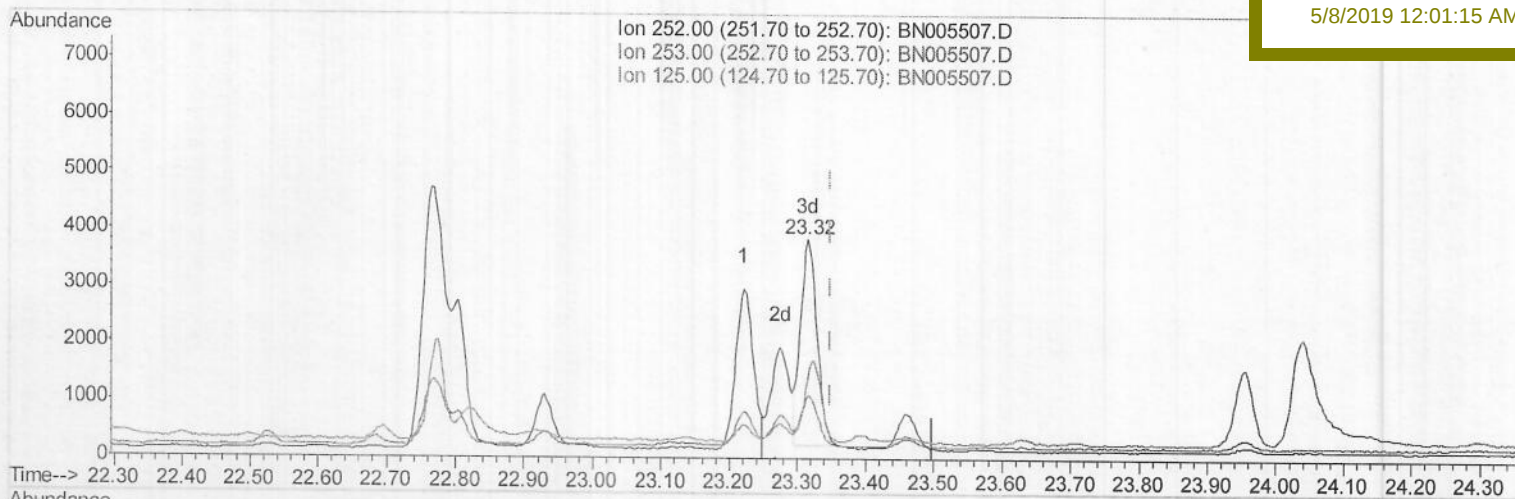
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(23) Benzo(a)pyrene (C)

23.315min (-0.034) 0.15ng/ul m 5 JO 05/08/19

response 6061

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	28.22
125.00	12.60	36.46#
0.00	0.00	0.00

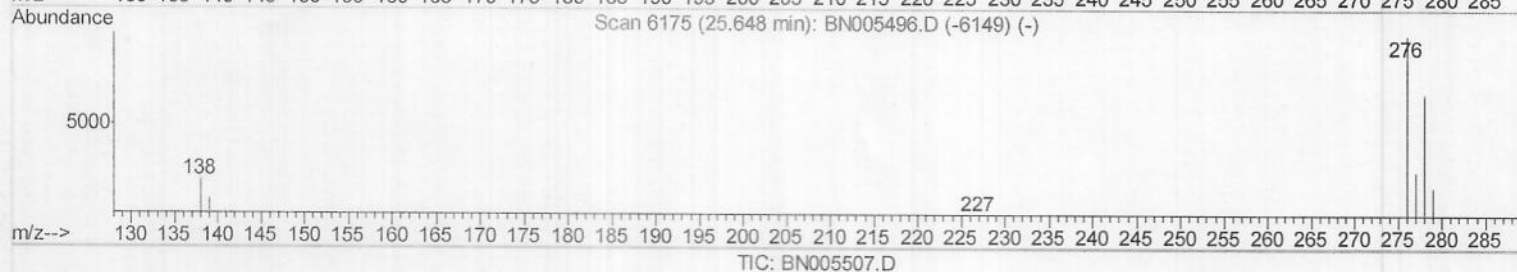
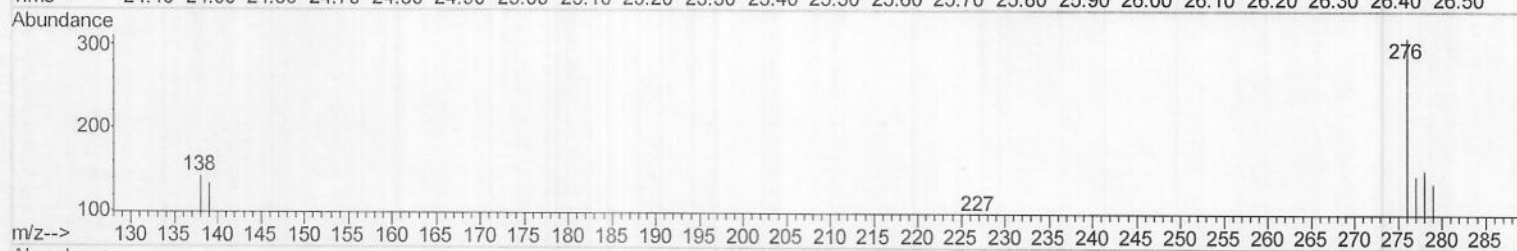
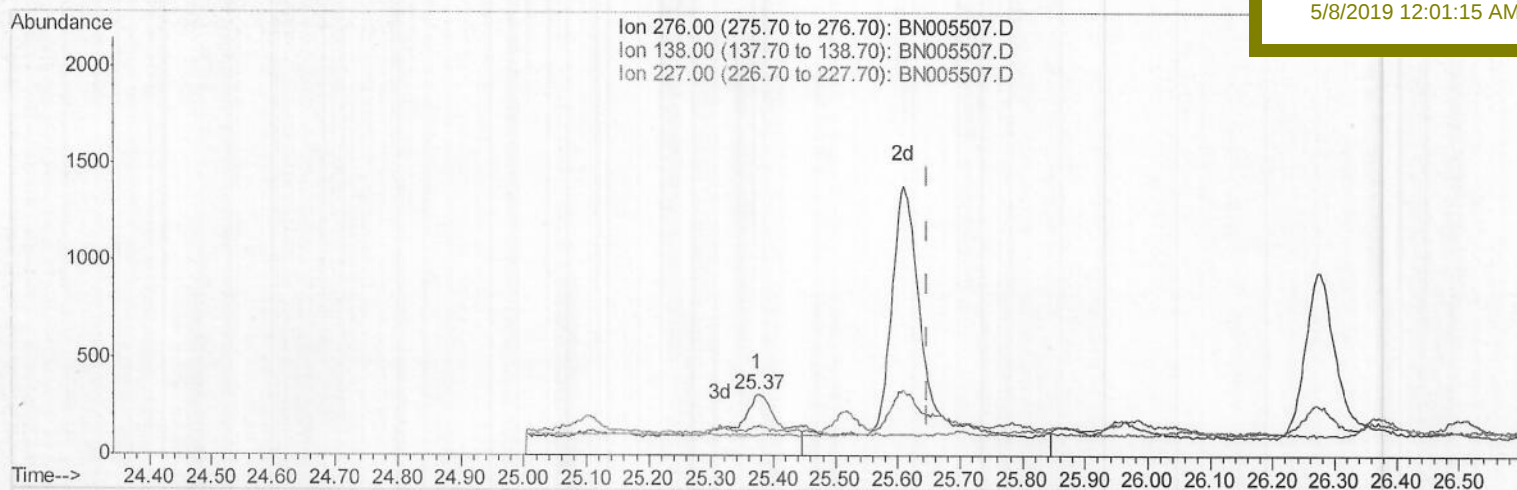
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



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

25.374min (-0.274) 0.01ng/ul

response 588

Ion	Exp%	Act%
276.00	100	100
138.00	19.80	7.48#
227.00	0.10	1.02#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

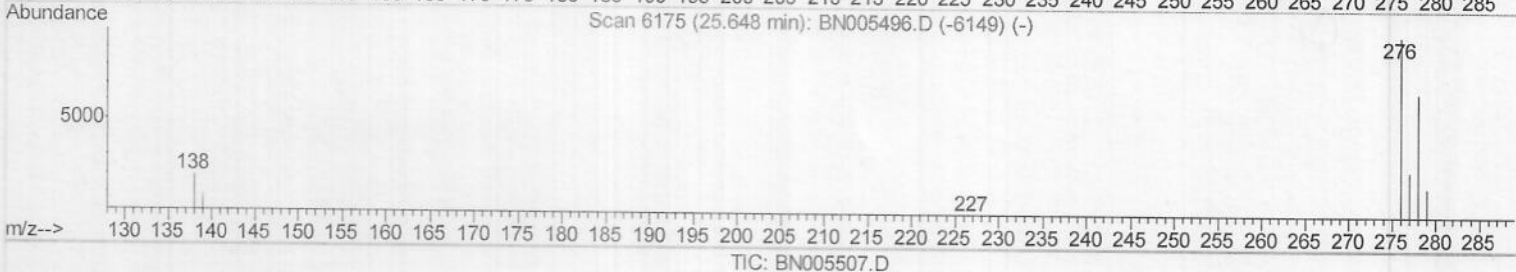
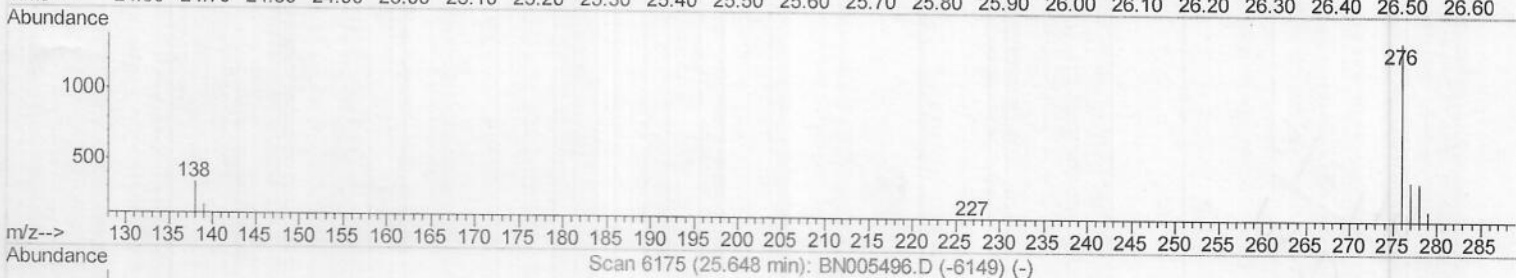
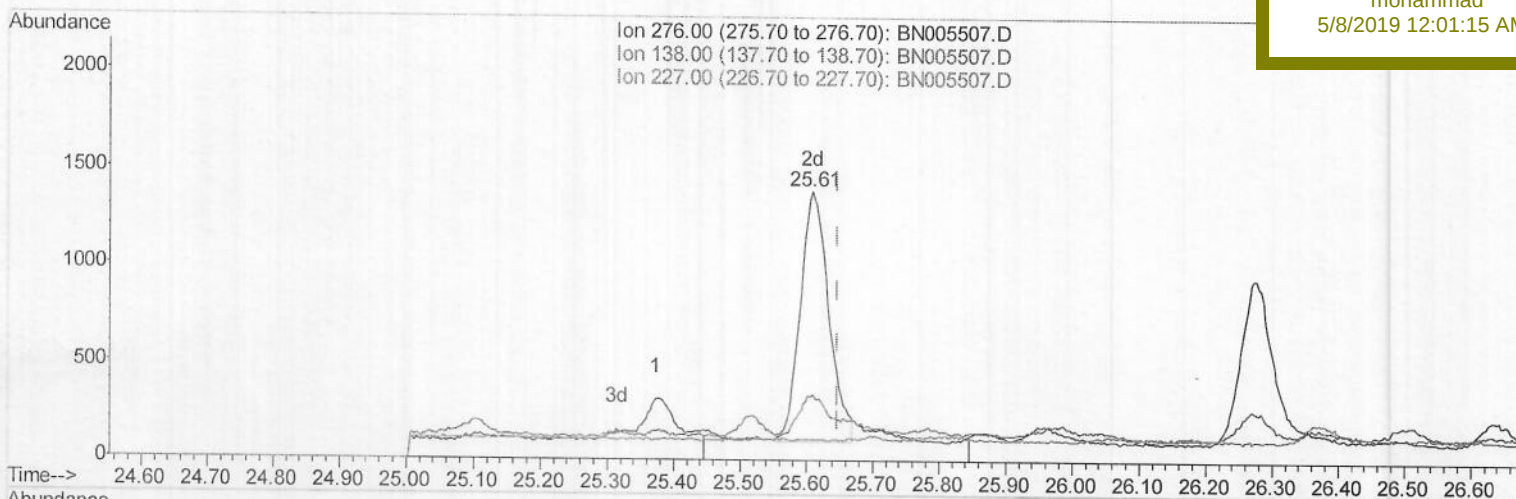
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



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

25.609min (-0.039) 0.09ng/ul m > JU05/08/19

response 3831

Ion	Exp%	Act%
276.00	100	100
138.00	19.80	1.15#
227.00	0.10	0.16#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (Qedit)

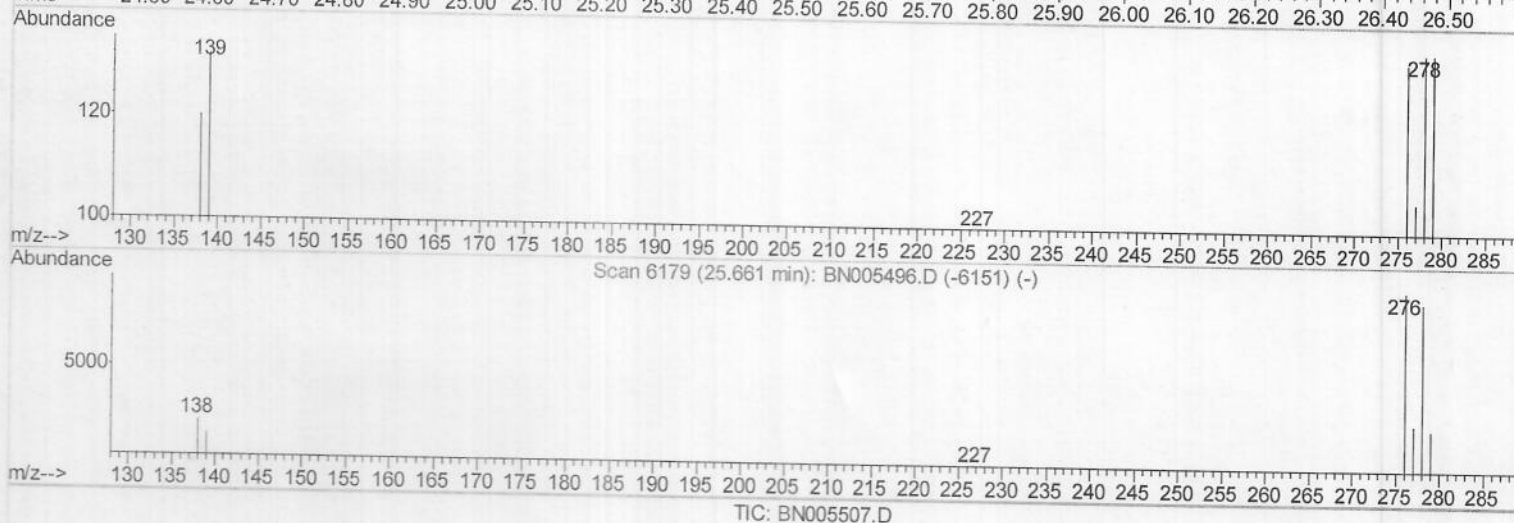
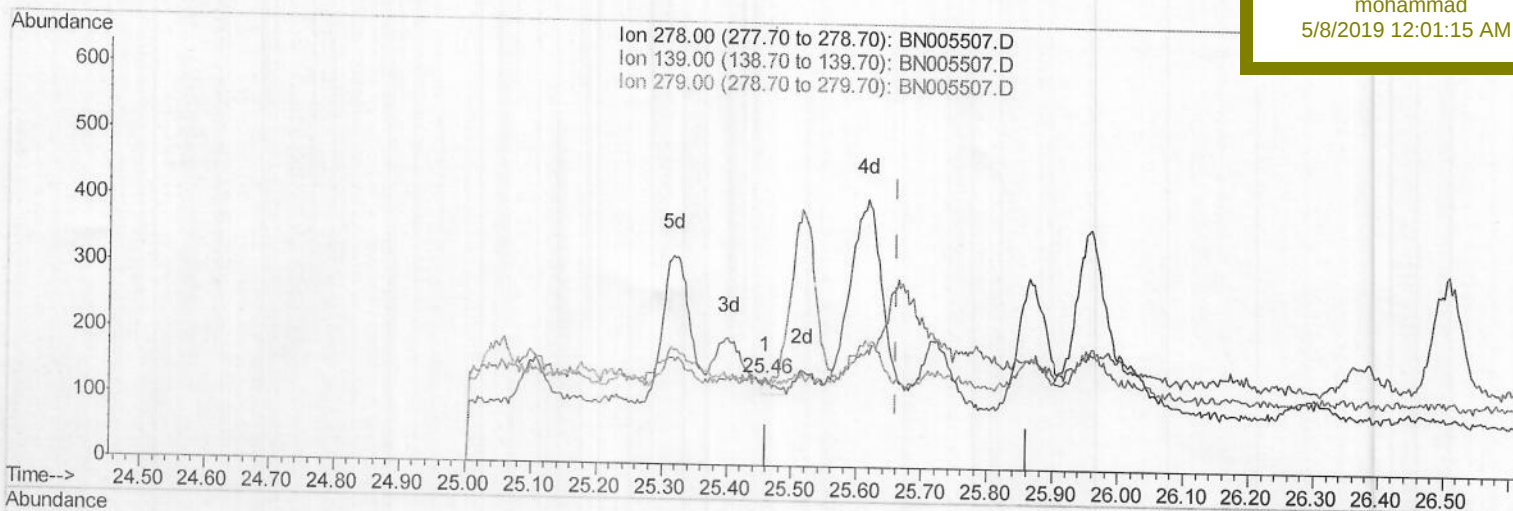
Data File : BN005507.D
Acq On : 07 May 2019 03:57
Operator : JU/SJ
Sample : K2403-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM



(25) Dibenzo(a,h)anthracene

25.458min (-0.203) 0.00ng/ul

response 31

Ion	Exp%	Act%
278.00	100	100
139.00	15.50	97.78#
279.00	26.20	100.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
Quantitation Report (QT Reviewed)

Data File : BN005507.D

Acq On : 07 May 2019 03:57

Operator : JU/SJ

Sample : K2403-08

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 07 07:57:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 07 07:04:57 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A5125

Manual Integrations
APPROVED

mohammad
5/8/2019 12:01:15 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2186	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	8826	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	5699	0.40	ng/ul	-0.02
10) Phenanthrene-d10	16.98	188	13633m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.21	240	13610m	0.40	ng/ul	-0.01
20) Perylene-d12	23.41	264	11899m	0.40	ng/ul	-0.03

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	3886	0.28	ng/ul	-0.03
14) Fluoranthene-d10	19.02	212	11826m	0.28	ng/ul	-0.01

Target Compounds

						Qvalue
3) Naphthalene	10.40	128	2299	0.098	ng/ul	96
5) 2-Methylnaphthalene	12.04	142	1831	0.115	ng/ul	99
7) Acenaphthylene	13.94	152	2886	0.101	ng/ul	98
9) Fluorene	15.28	166	610	0.026	ng/ul#	94
12) Phenanthrene	17.02	178	9675	0.260	ng/ul	100
13) Anthracene	17.11	178	1481m	0.040	ng/ul	
15) Fluoranthene	19.06	202	11698m	0.228	ng/ul	
17) Pyrene	19.42	202	13698m	0.273	ng/ul	
18) Benzo(a)anthracene	21.20	228	6214m	0.132	ng/ul	
19) Chrysene	21.25	228	9193	0.160	ng/ul	95
21) Benzo(b)fluoranthene	22.77	252	9654m	0.270	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	3256m	0.073	ng/ul	
23) Benzo(a)pyrene	23.32	252	6061m	0.152	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.61	276	3831m	0.086	ng/ul	
25) Dibenzo(a,h)anthracene	25.62	278	943m	0.026	ng/ul	
26) Benzo(g,h,i)perylene	26.27	276	2814m	0.074	ng/ul	

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

JU05/08/19