

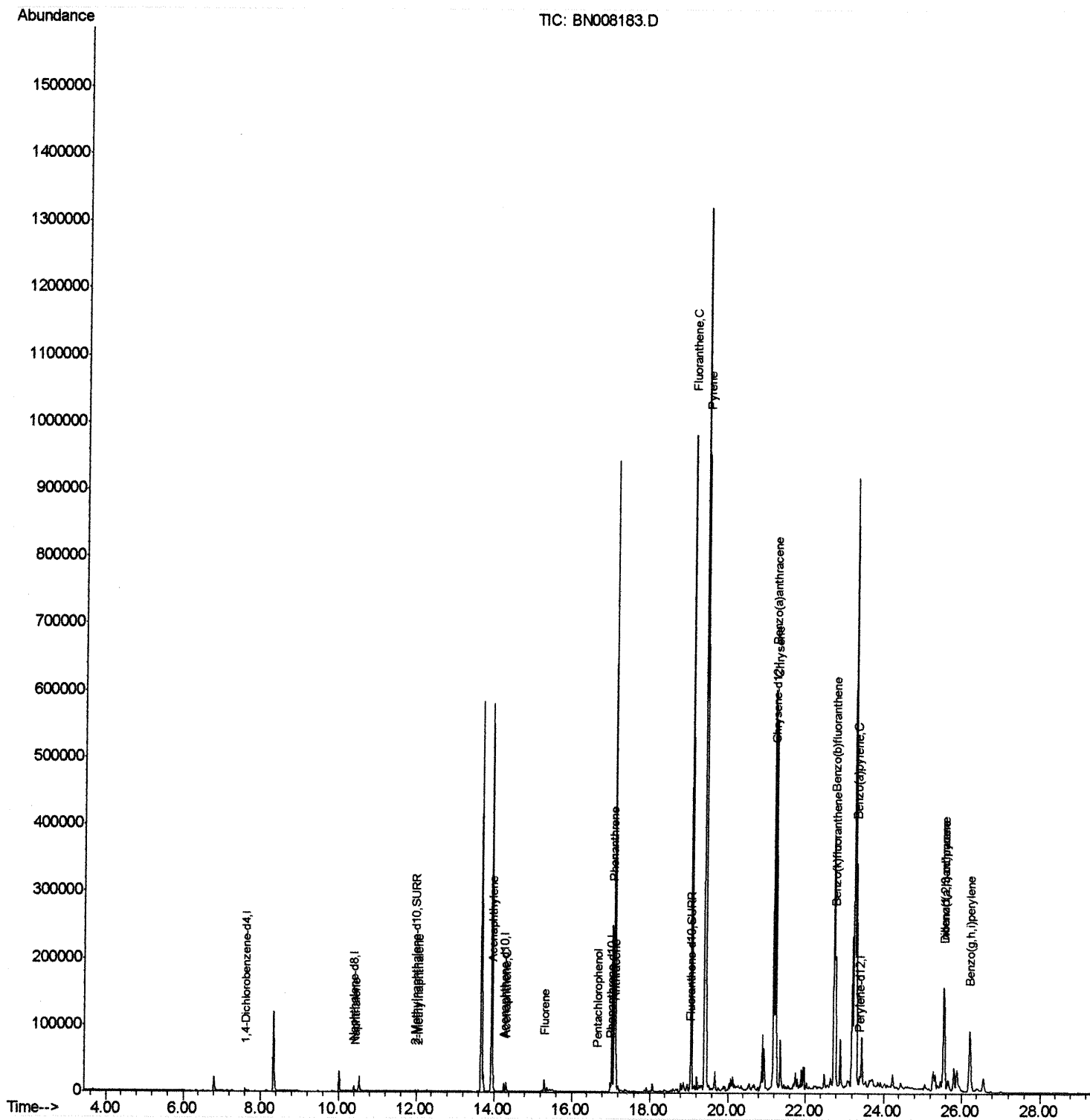
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:34:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



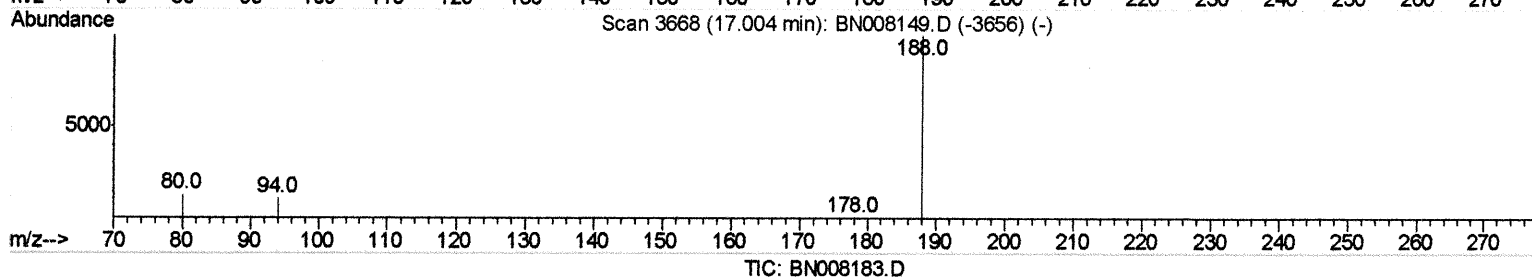
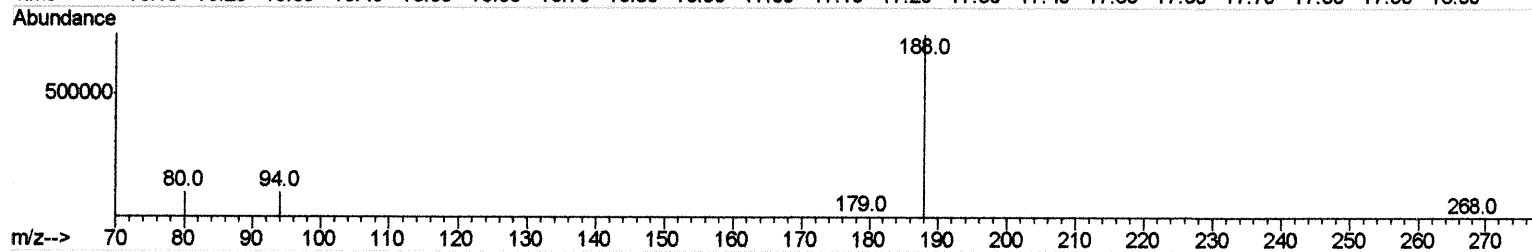
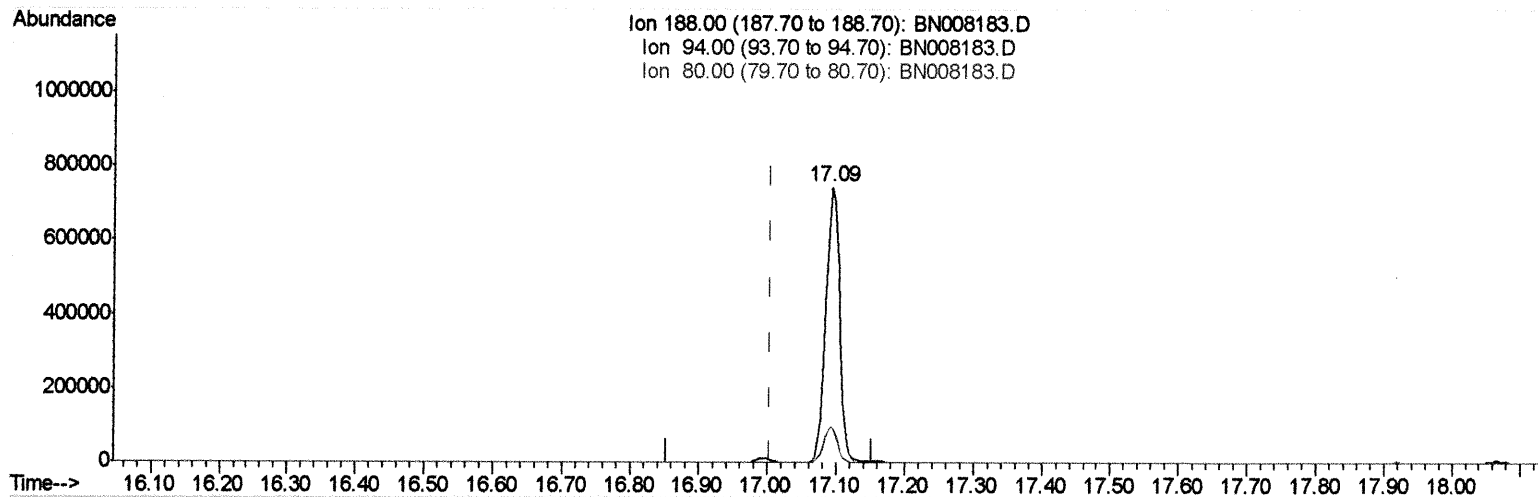
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 03:43:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (l)

17.093min (+0.089) 0.40ng/ul

response 1033550

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	13.26#
80.00	12.60	13.21
0.00	0.00	0.00

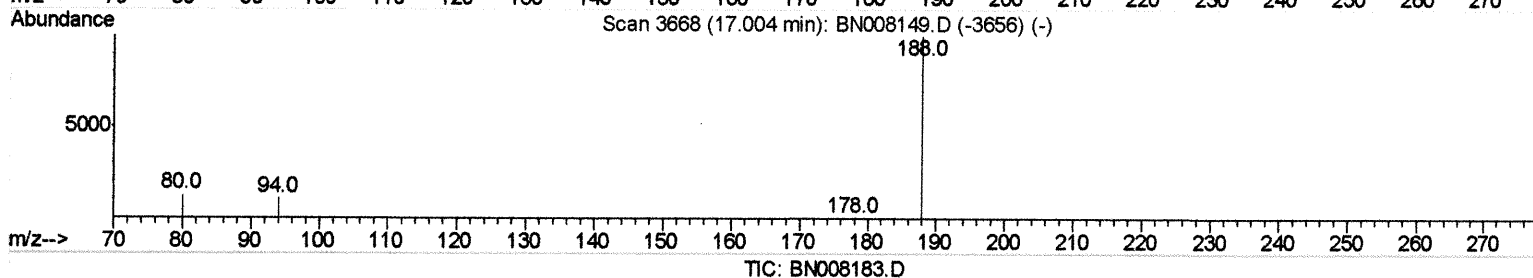
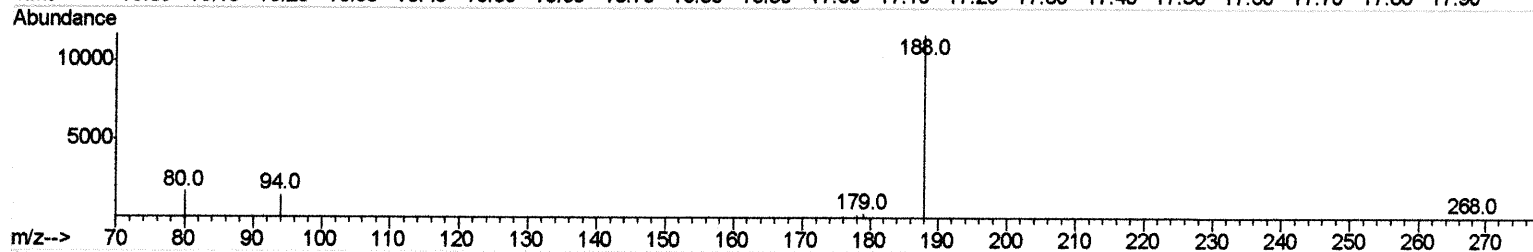
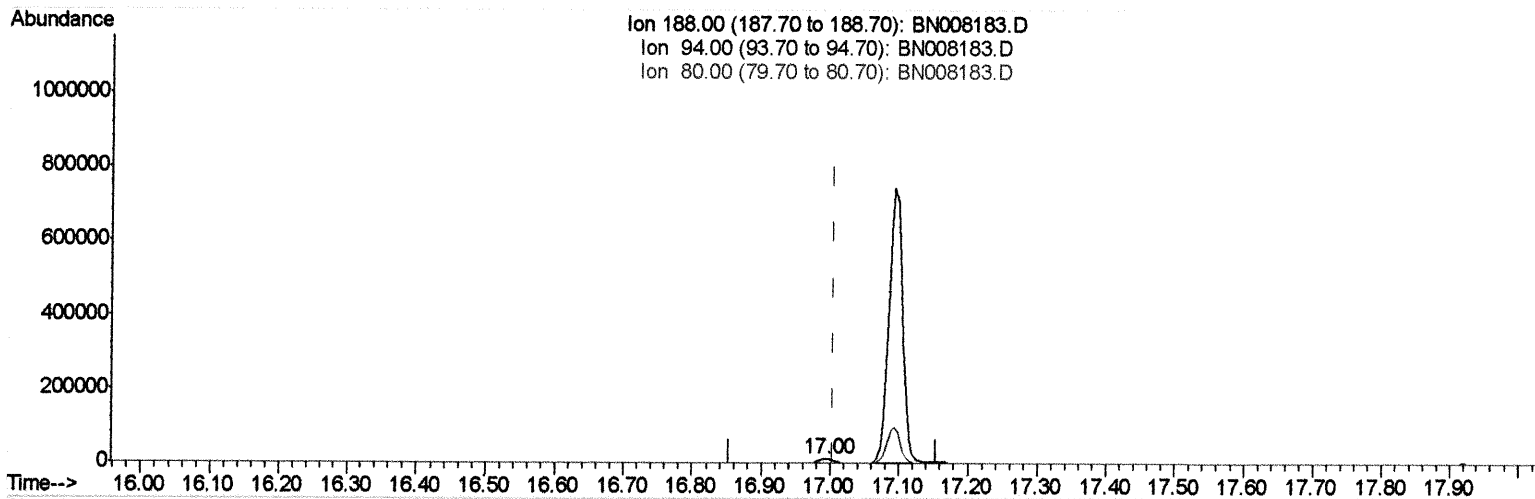
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 03:43:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (l)

16.996min (-0.008) 0.40ng/ul m

response 16693

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.21
80.00	12.60	13.80
0.00	0.00	0.00

JU 10/21/19

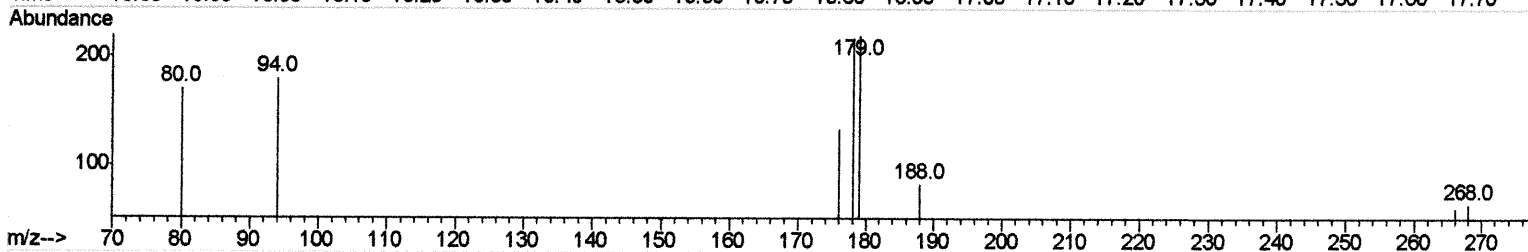
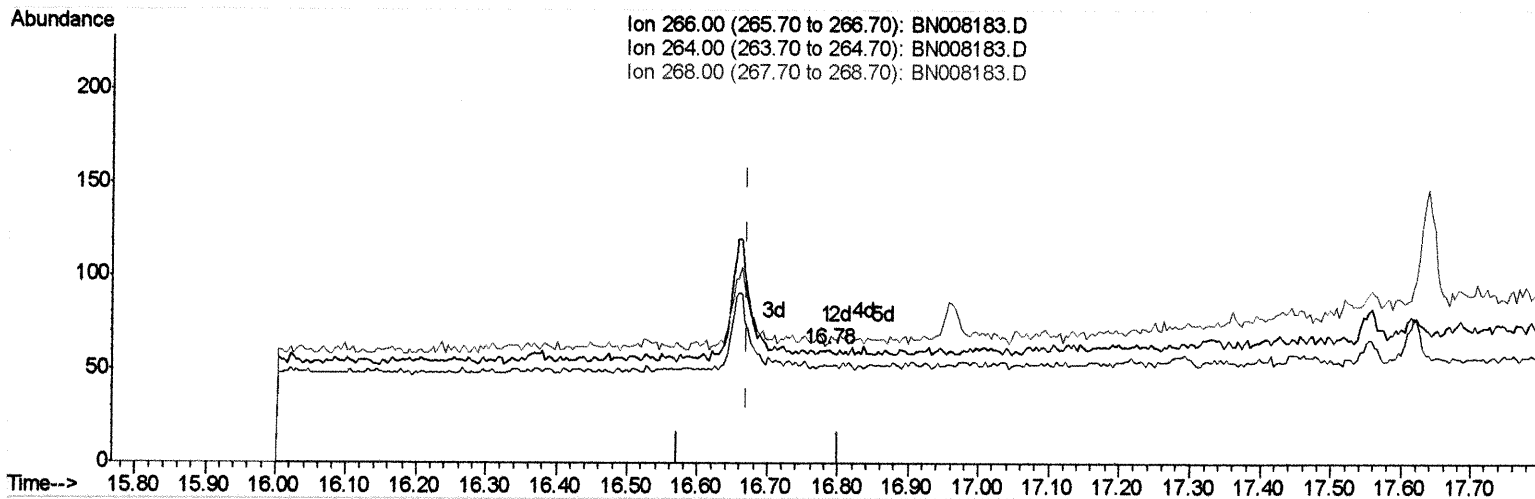
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
BEPF8

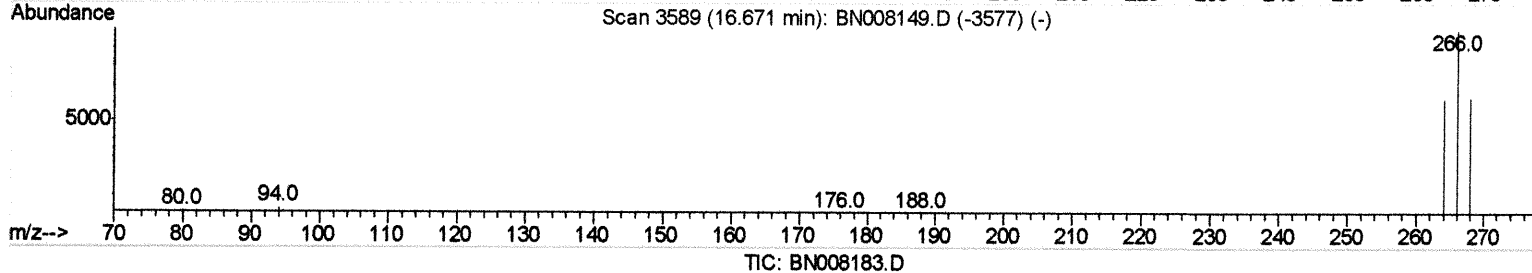
Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:30:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



Scan 3589 (16.671 min): BN008149.D (-3577) (-)



(11) Pentachlorophenol

16.785min (+0.114) 0.00ng/ul

response 3

Ion	Exp%	Act%
266.00	100	100
264.00	62.60	66.67
268.00	64.90	100.00#
0.00	0.00	0.00

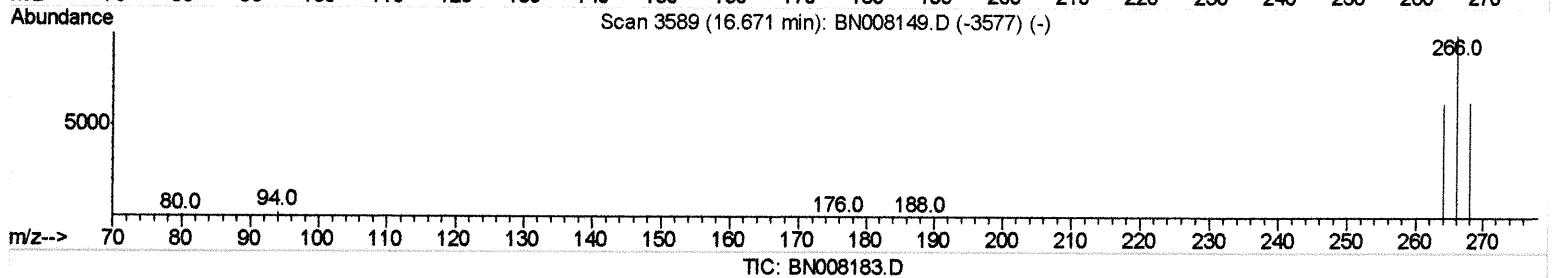
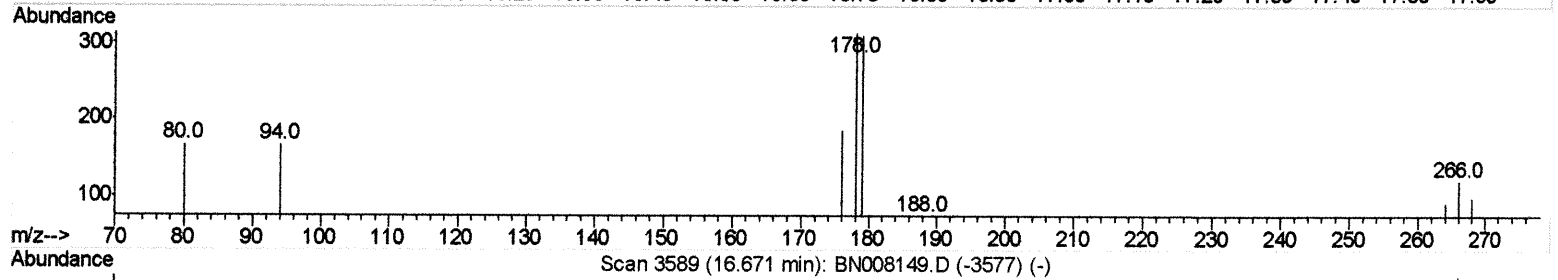
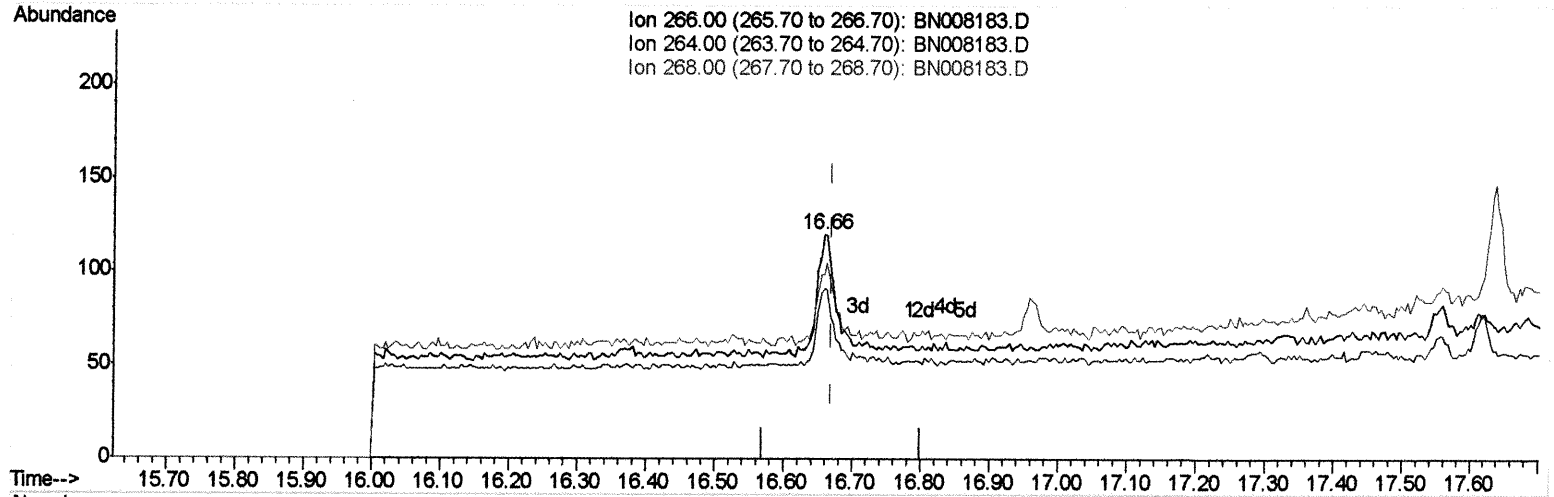
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:30:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(11) Pentachlorophenol

16.658min (-0.013) 0.03ng/ul m

response 110

Ion	Exp%	Act%
266.00	100	100
264.00	62.60	1.82#
268.00	64.90	2.73#
0.00	0.00	0.00

JU 10/21/19

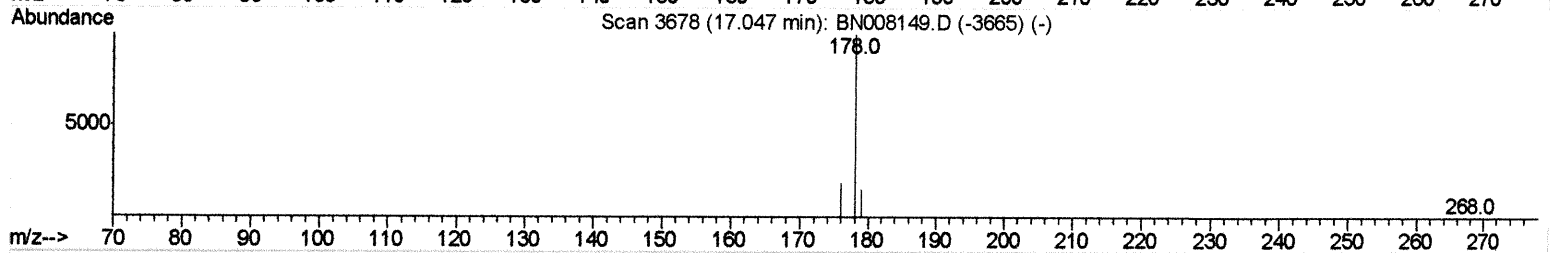
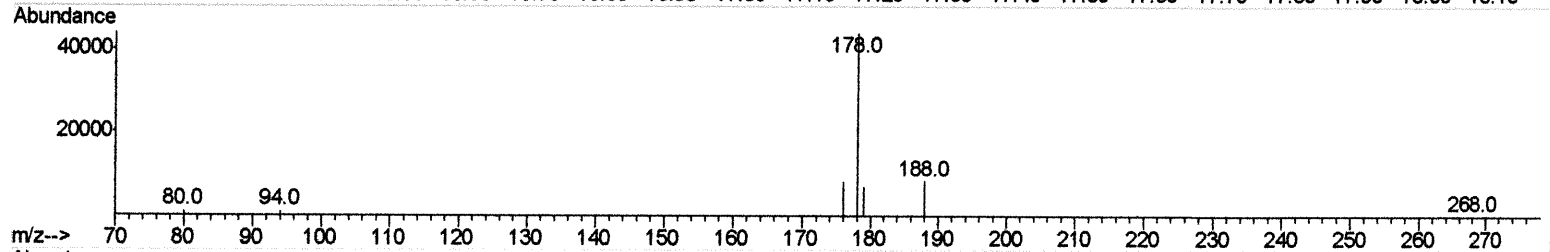
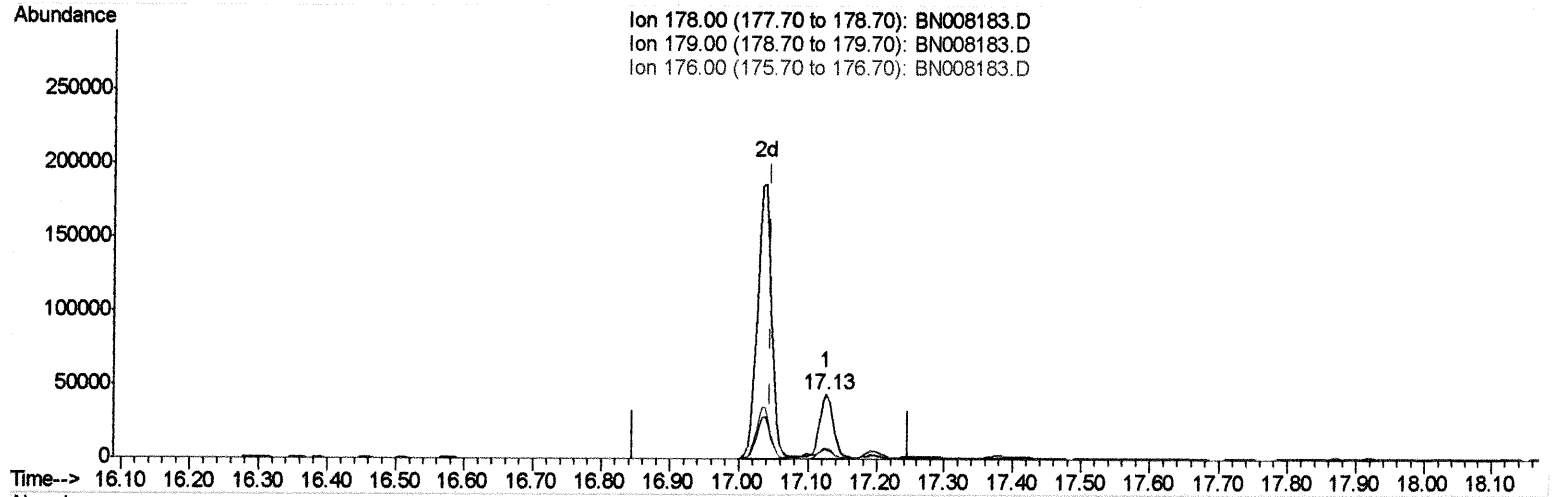
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:30:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



TIC: BN008183.D

(12) Phenanthrene

17.127min (+0.080) 1.21ng/ul

response 59304

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.05
176.00	19.30	18.35
0.00	0.00	0.00

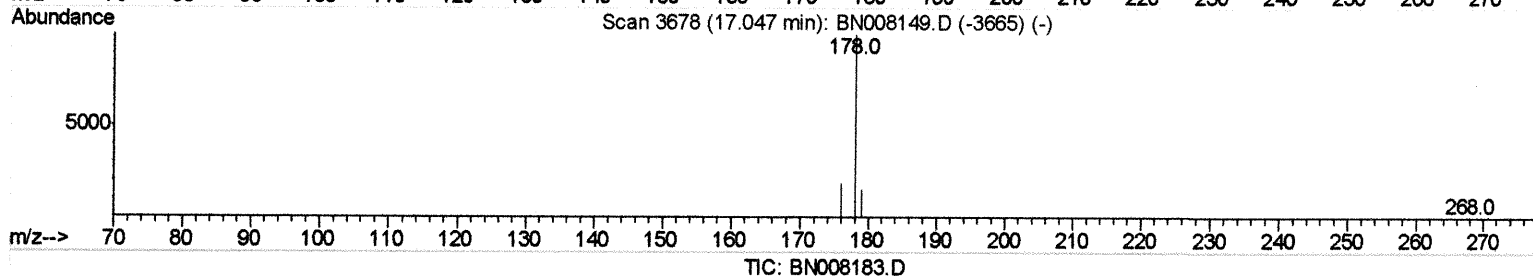
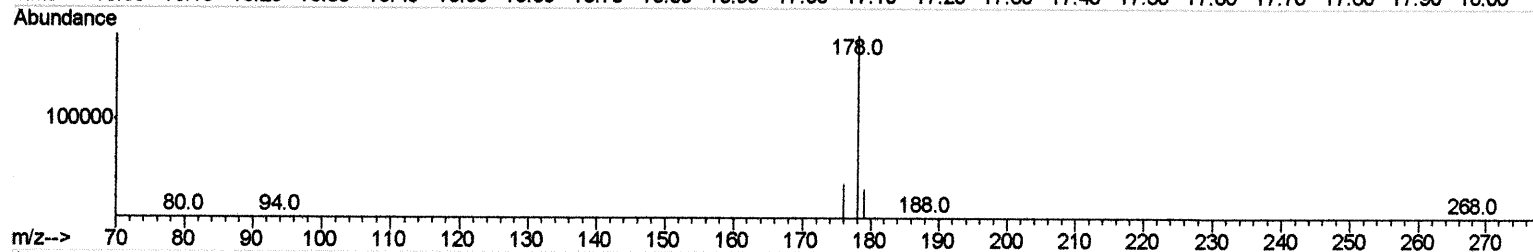
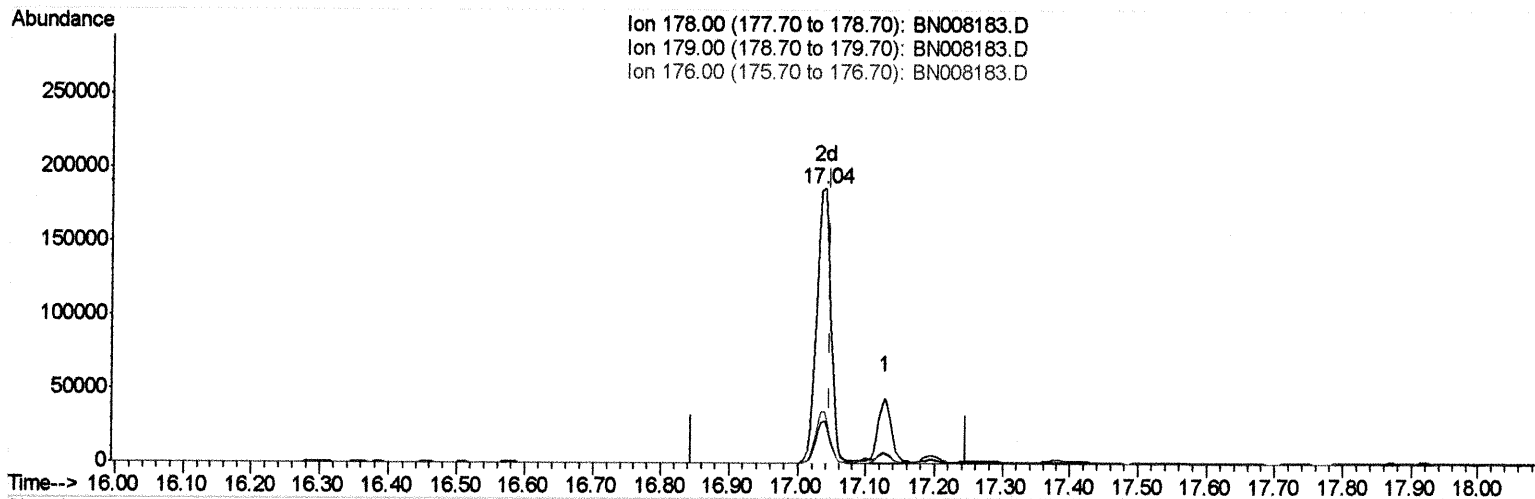
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:30:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(12) Phenanthrene

17.038min (-0.008) 5.48ng/ul m

response 267740

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.51
176.00	19.30	18.55
0.00	0.00	0.00

JU 10/21/19

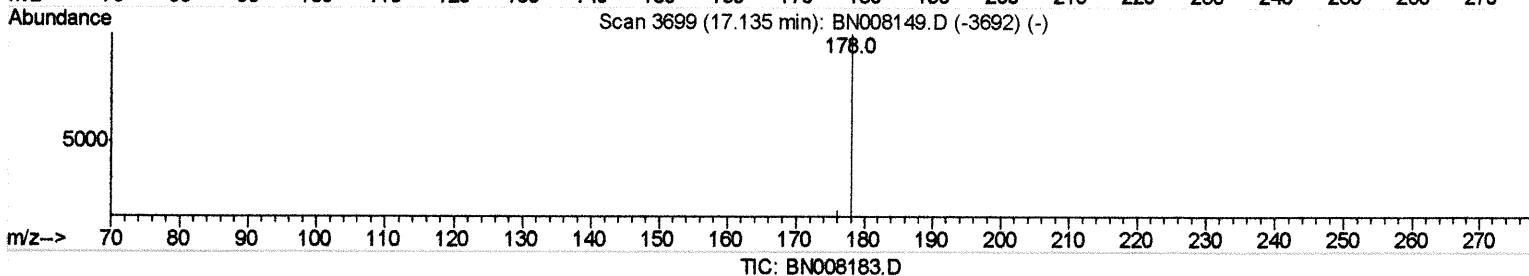
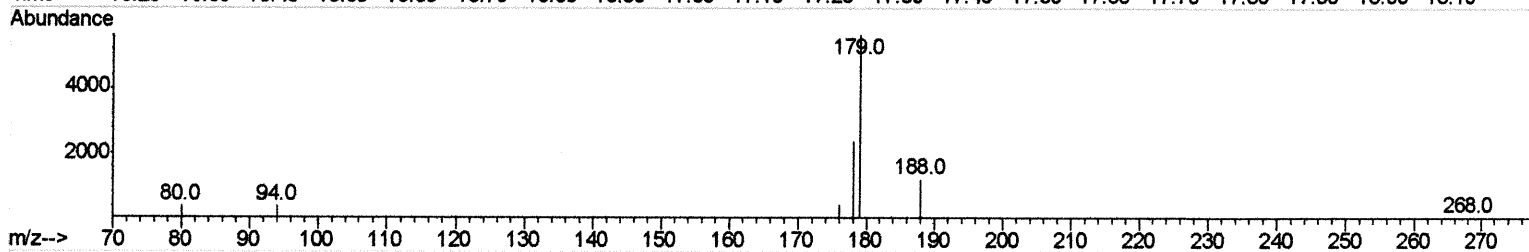
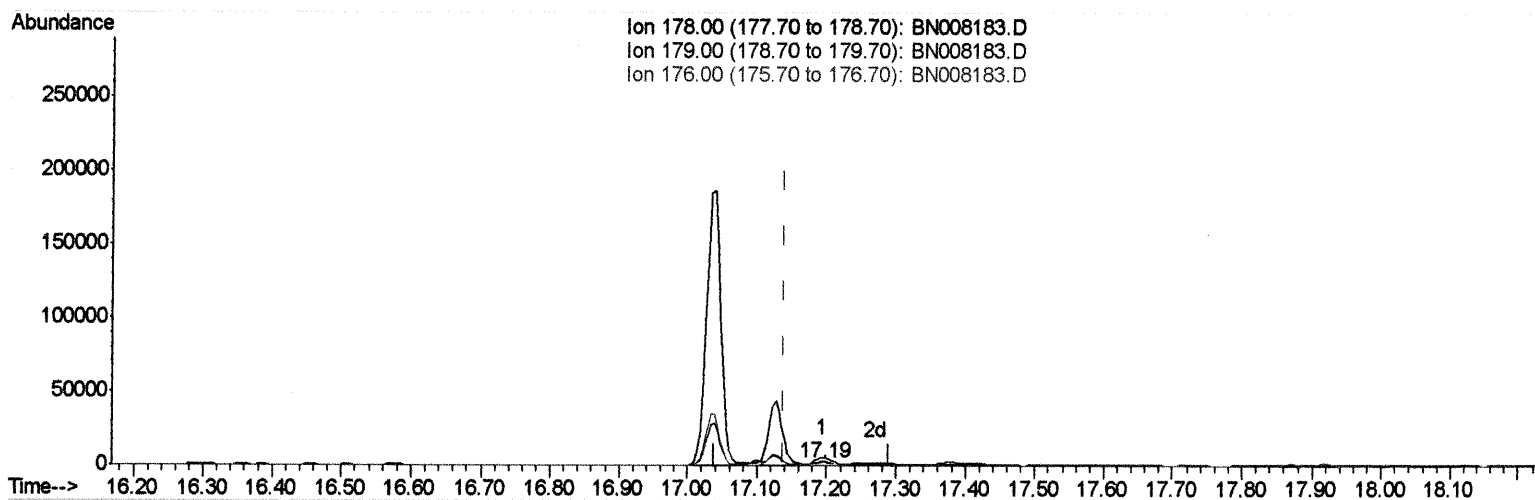
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:30:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(13) Anthracene

17.194min (+0.055) 0.06ng/ul

response 2728

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	235.24#
176.00	18.80	17.83
0.00	0.00	0.00

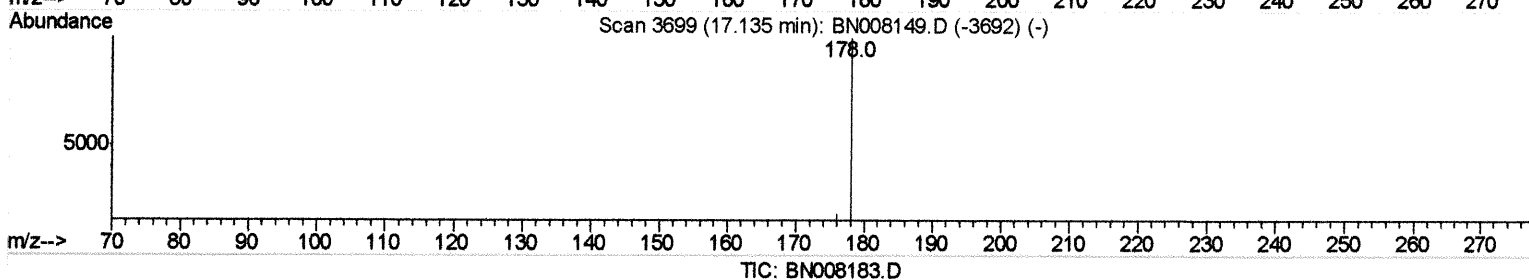
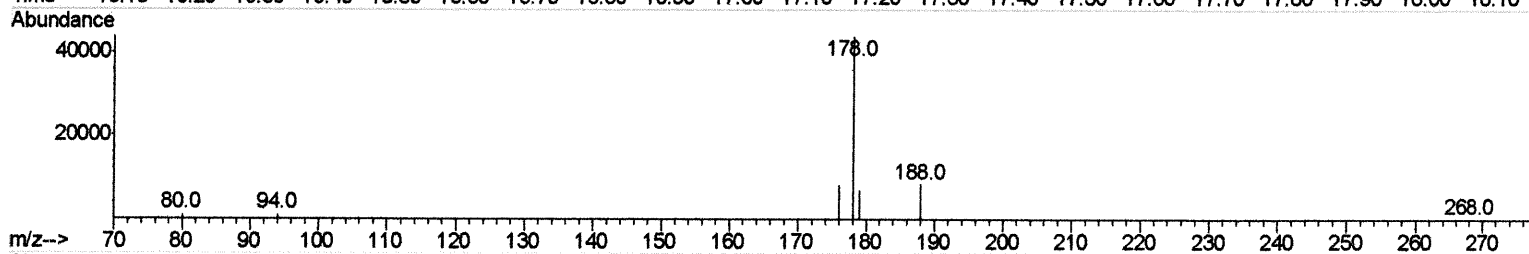
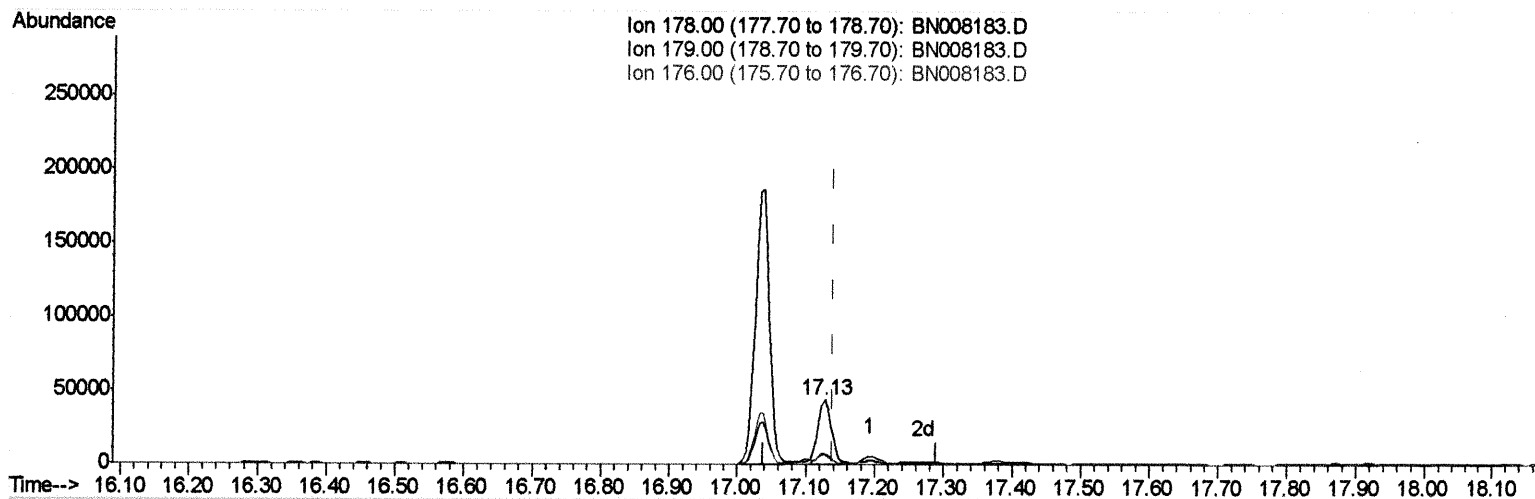
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:30:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(13) Anthracene

17.127min (-0.013) 1.36ng/ul m

response 58682

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	16.05
176.00	18.80	18.35
0.00	0.00	0.00

340/21/17

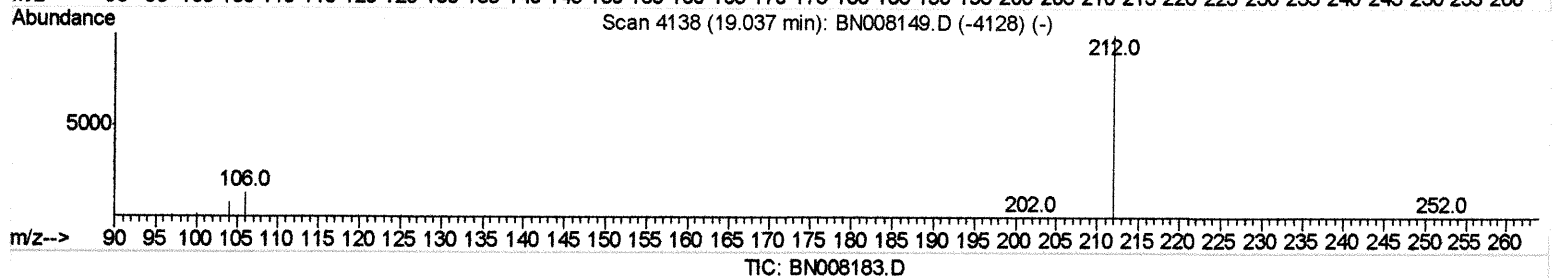
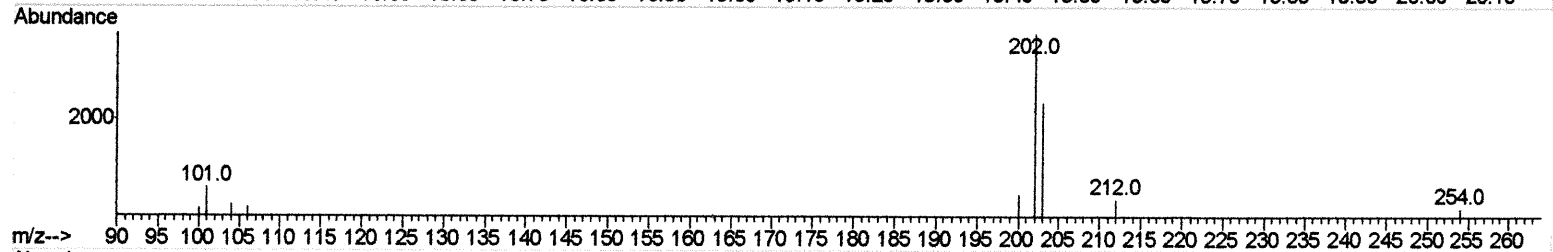
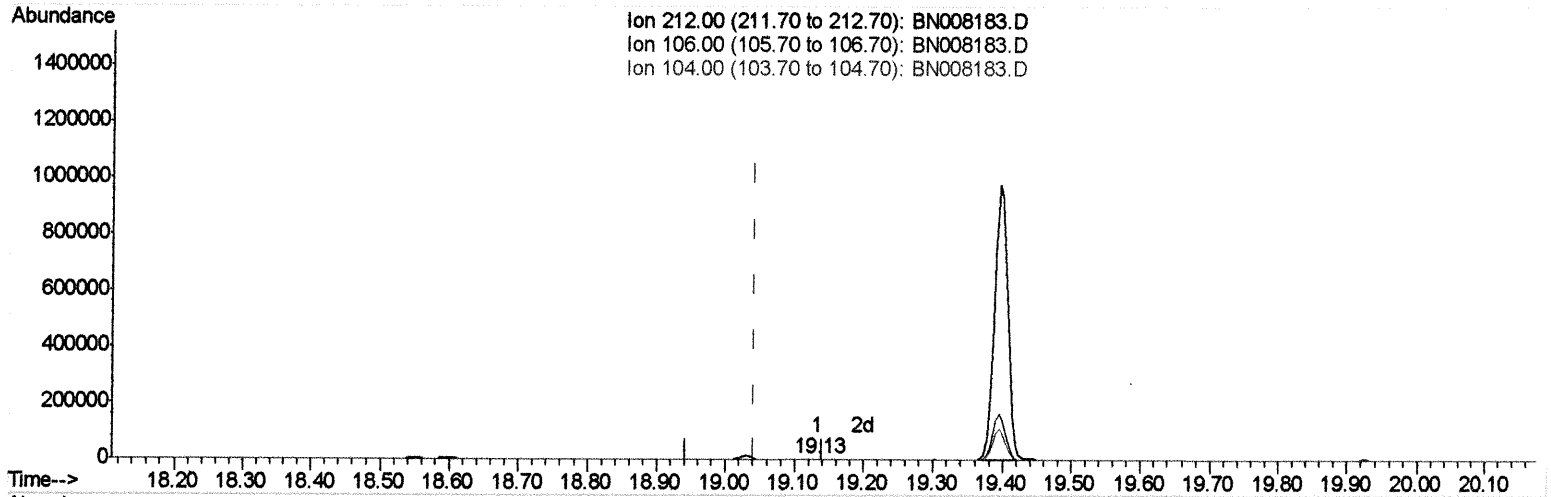
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

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10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:30:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.135min (+0.093) 0.01ng/ul

response 644

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	18.94#
104.00	7.20	60.56#
0.00	0.00	0.00

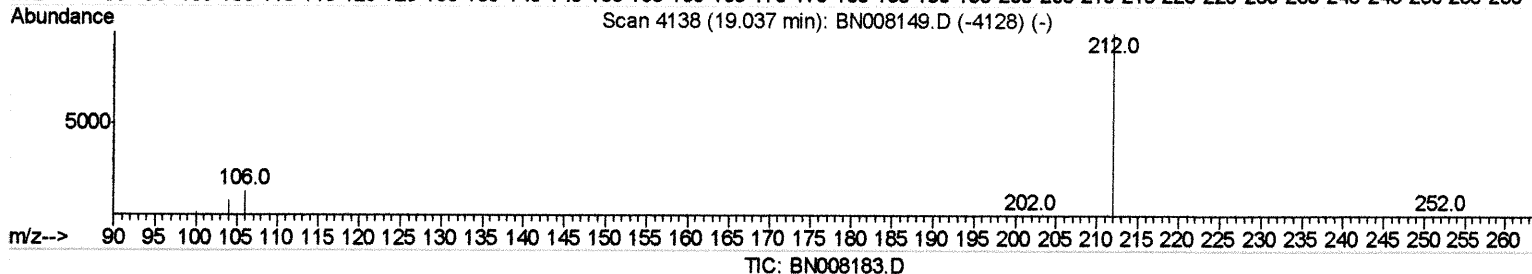
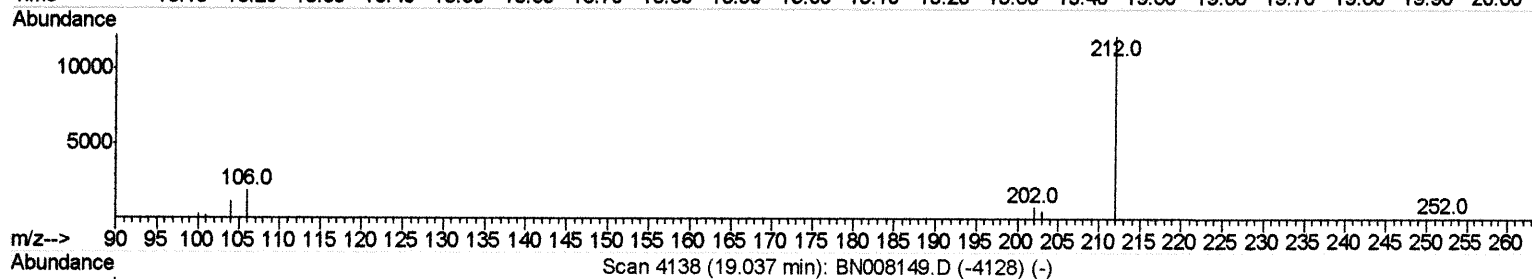
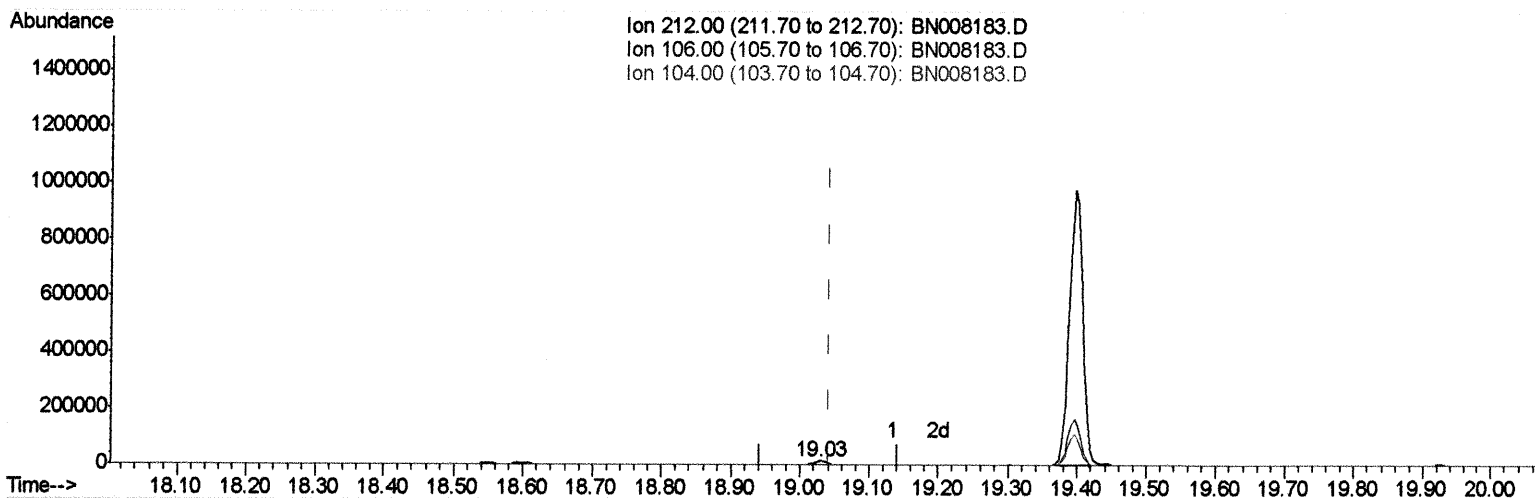
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:30:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.028min (-0.014) 0.27ng/ul m

response 15851

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.77#
104.00	7.20	2.46#
0.00	0.00	0.00

3410/21/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\

Data File : BN008183.D

Acq On : 15 Oct 2019 21:01

Operator : JU

Sample : K5175-11

Misc :

ALS Vial : 50 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

BEPF8

Manual Integrations
APPROVEDmohammad
10/16/2019 4:08:24 PM

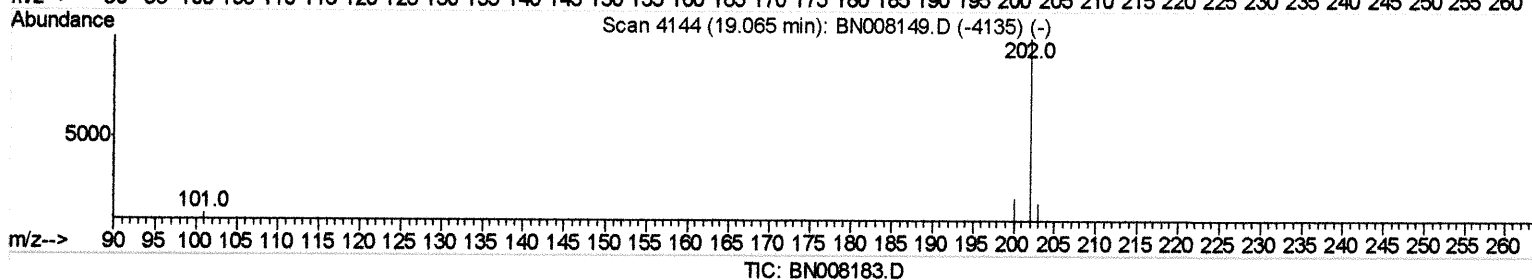
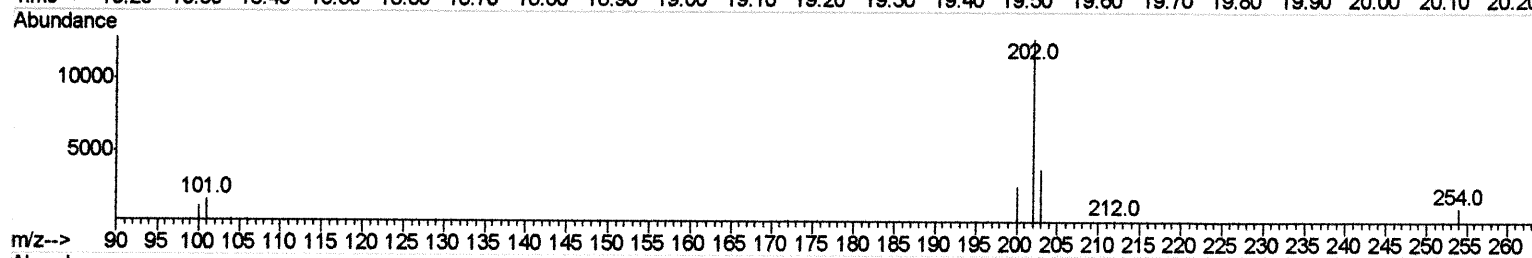
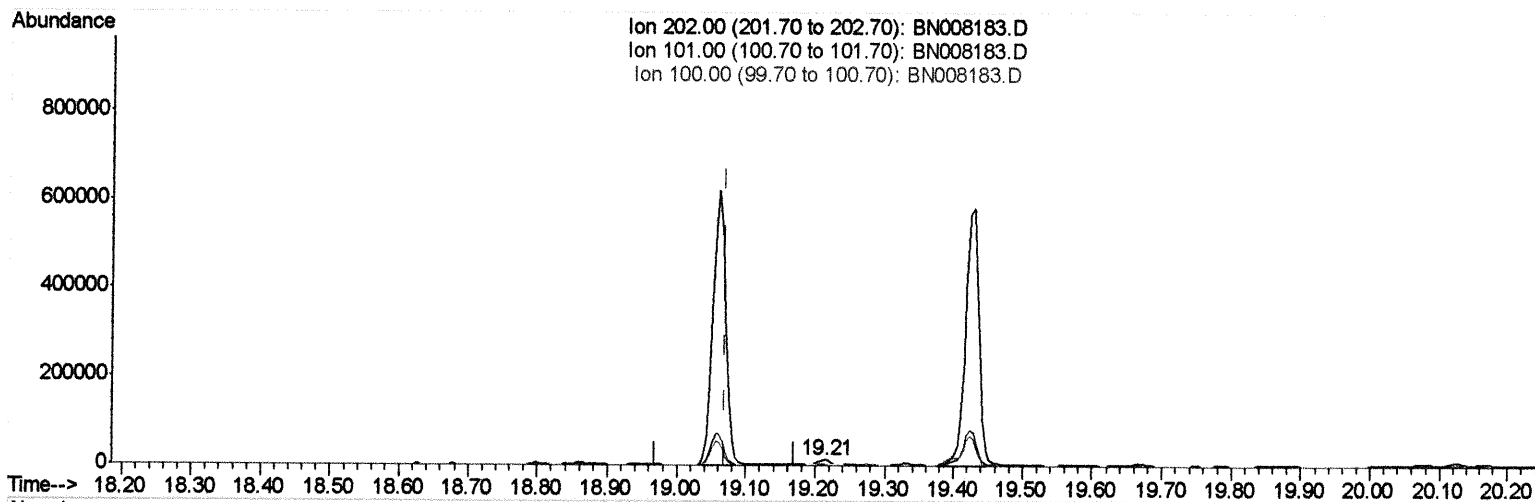
Quant Time: Oct 16 04:30:01 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration



(15) Fluoranthene (C)

19.214min (+0.144) 0.22ng/ul

response 14427

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	12.50
100.00	8.50	8.97
0.00	0.00	0.00

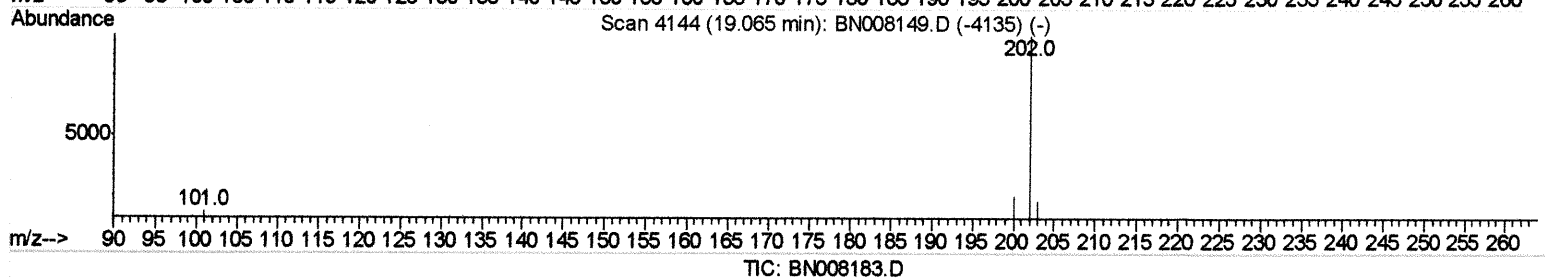
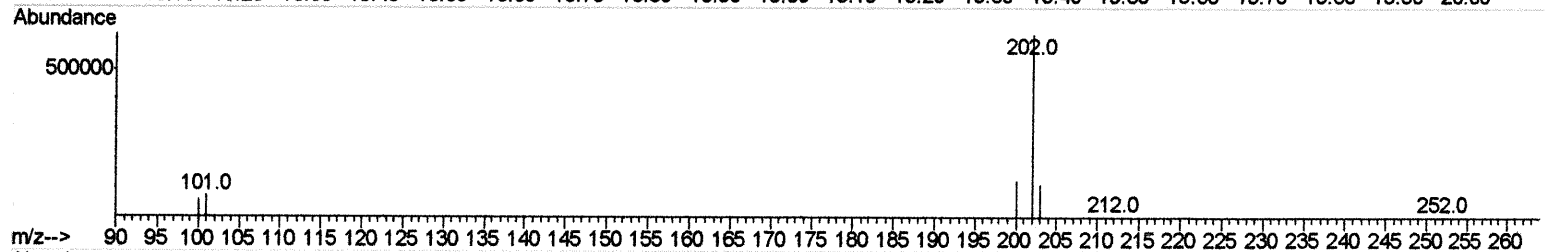
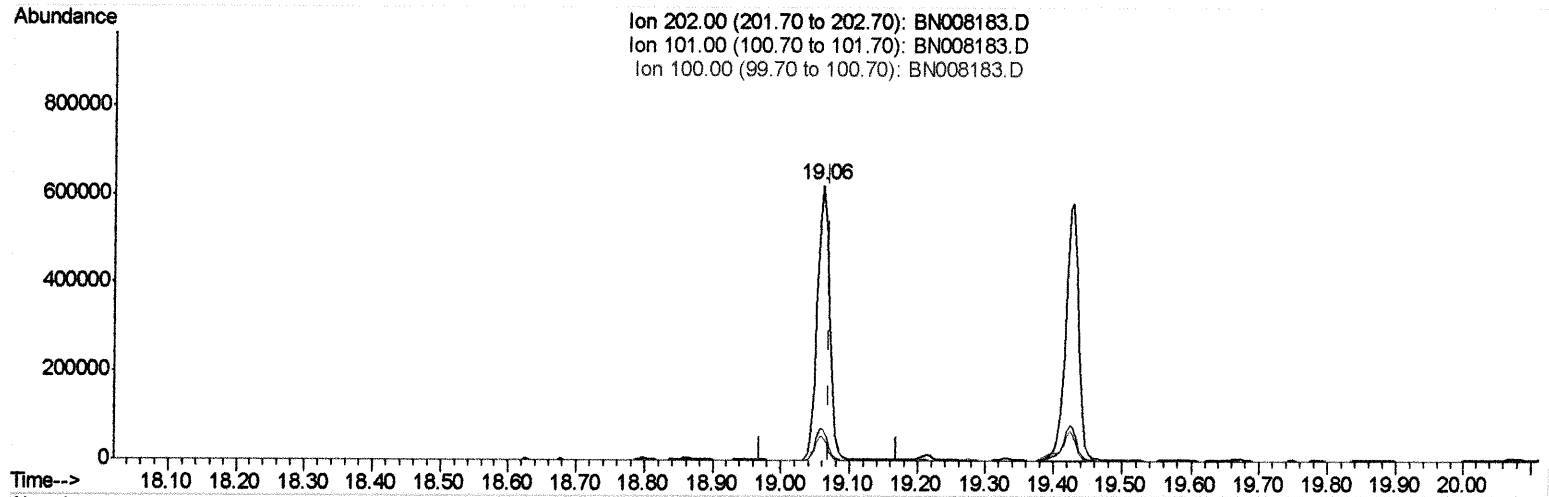
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:30:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.060min (-0.009) 12.33ng/ul m

response 795958

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	11.59
100.00	8.50	8.66
0.00	0.00	0.00

310/21/19

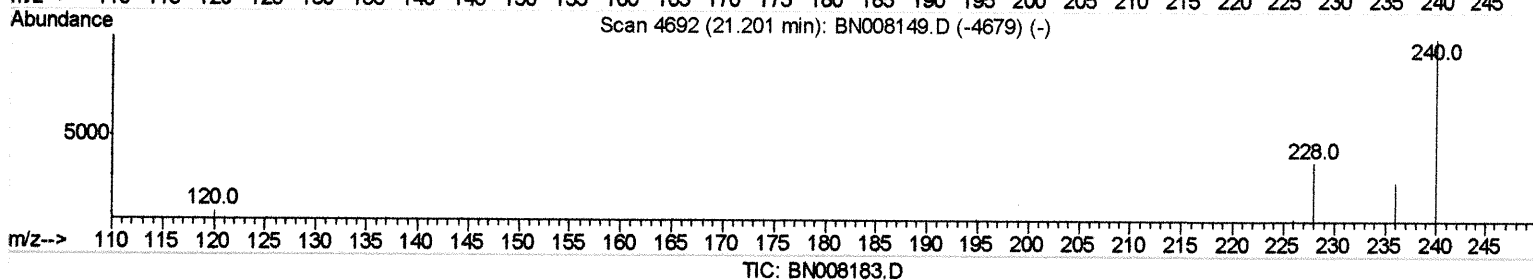
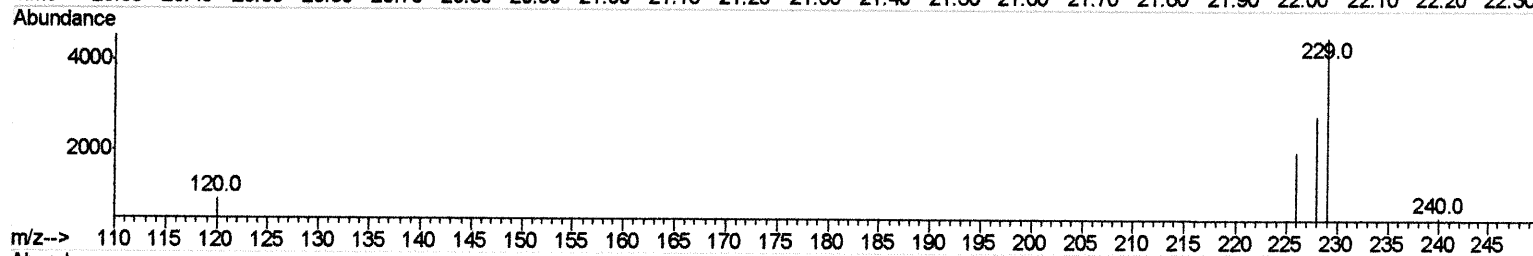
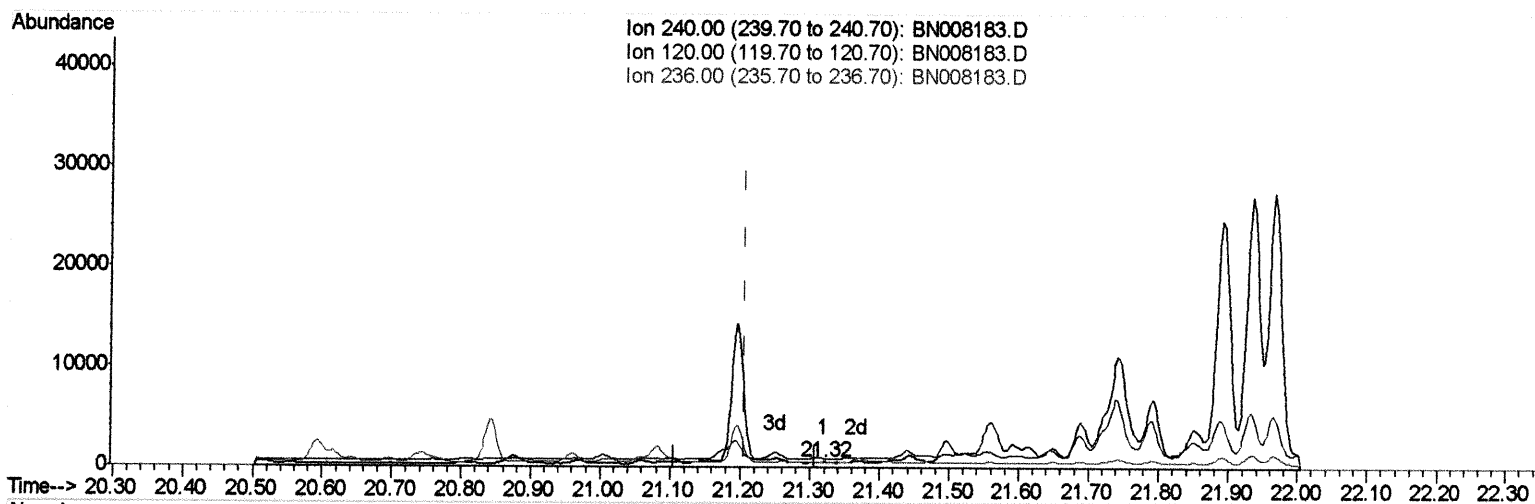
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
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Manual Integrations
APPROVED

mohammad
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Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.321min (+0.114) 0.40ng/ul

response 286

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	161.70#
236.00	28.40	88.56#
0.00	0.00	0.00

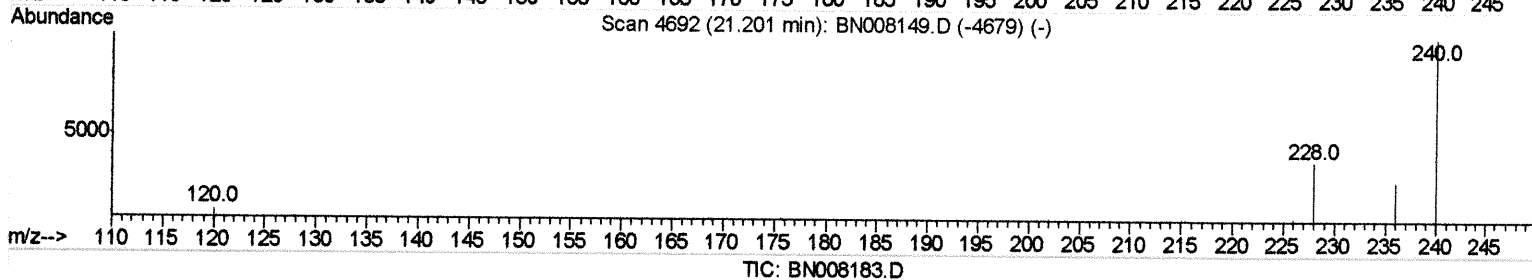
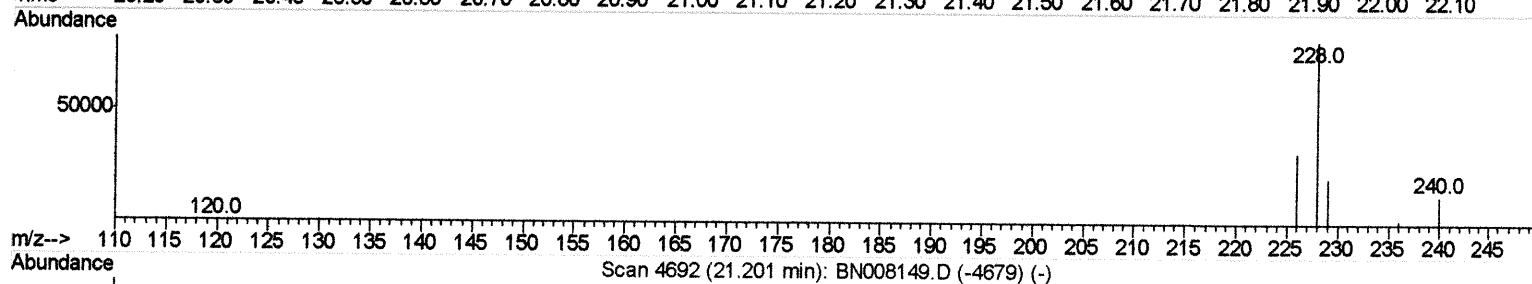
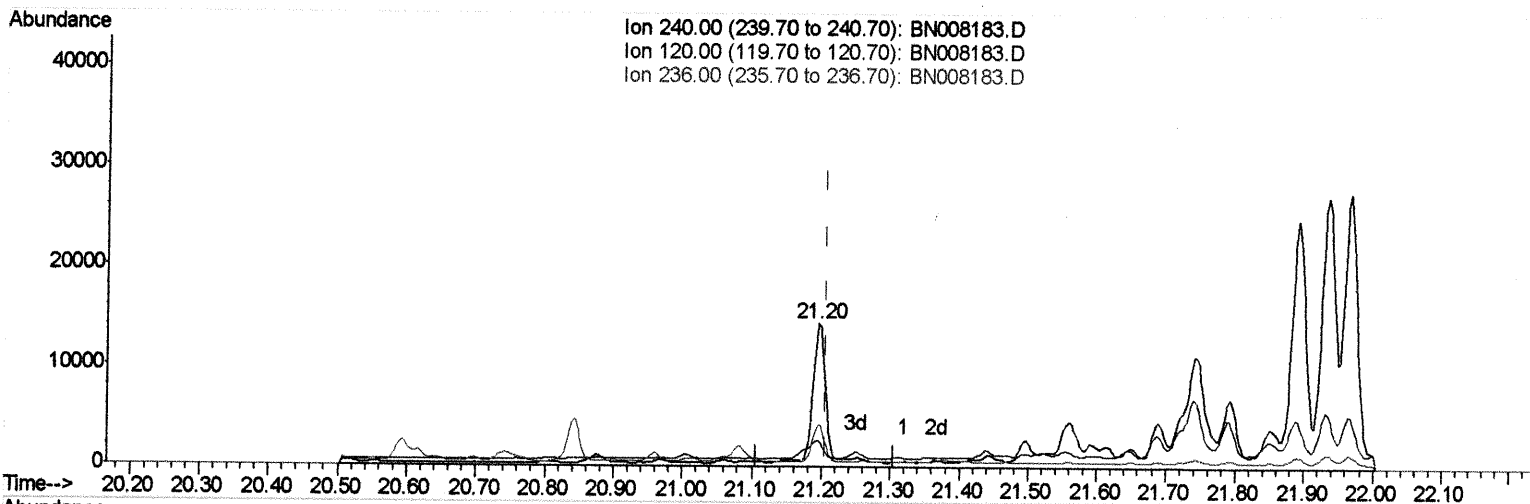
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:30:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.195min (-0.012) 0.40ng/ul m

response 16483

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	17.88#
236.00	28.40	29.66
0.00	0.00	0.00

JU 10/21/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\

Data File : BN008183.D

Acq On : 15 Oct 2019 21:01

Operator : JU

Sample : K5175-11

Misc :

ALS Vial : 50 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

BEPF8

Manual Integrations
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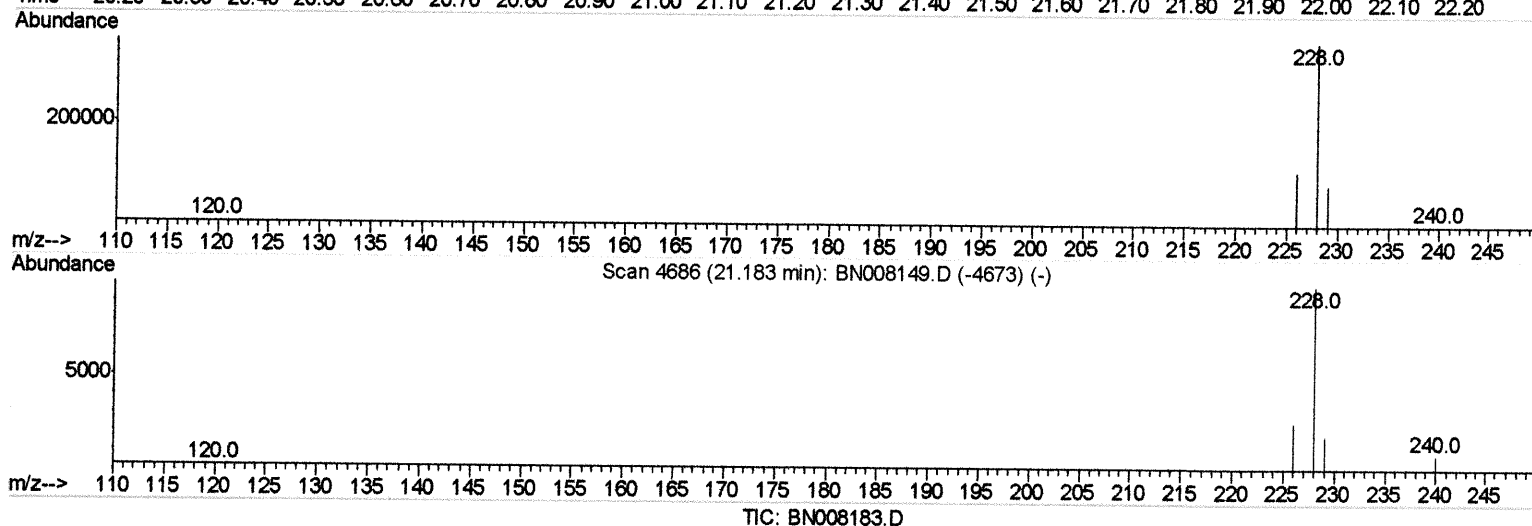
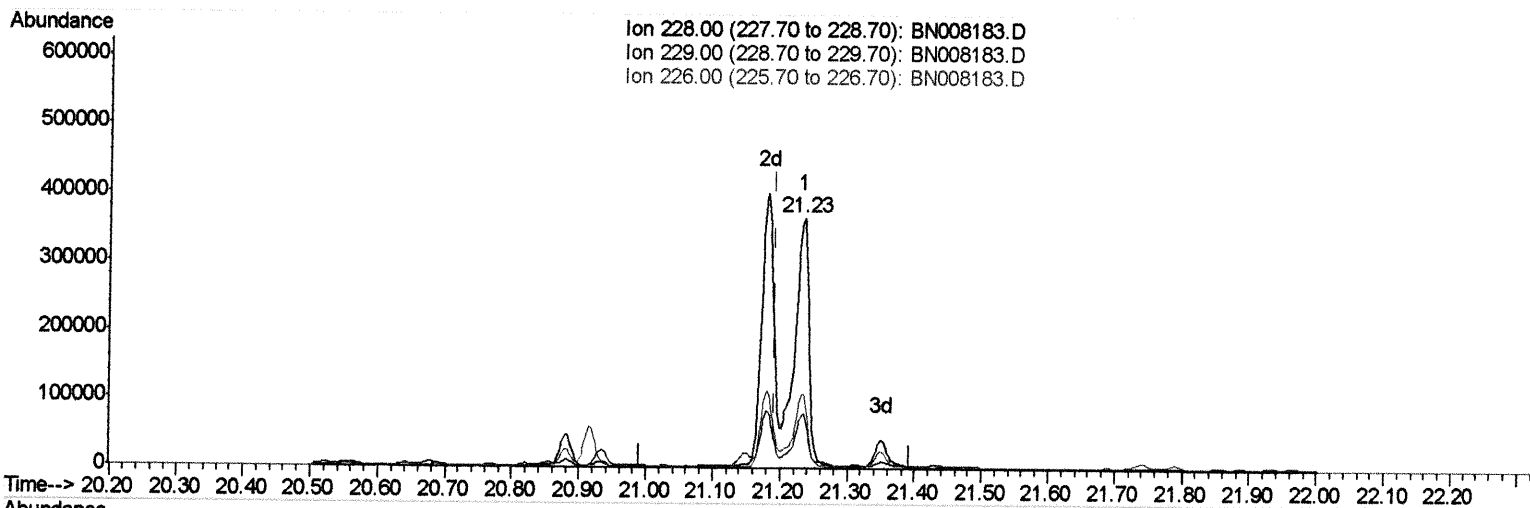
Quant Time: Oct 16 04:32:47 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 15 15:13:35 2019

Response via : Initial Calibration



(18) Benzo(a)anthracene

21.233min (+0.041) 8.95ng/ul

response 536510

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.74
226.00	26.70	29.48
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\

Data File : BN008183.D

Acq On : 15 Oct 2019 21:01

Operator : JU

Sample : K5175-11

Misc :

ALS Vial : 50 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

BEPF8

Manual Integrations
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10/16/2019 4:08:24 PM

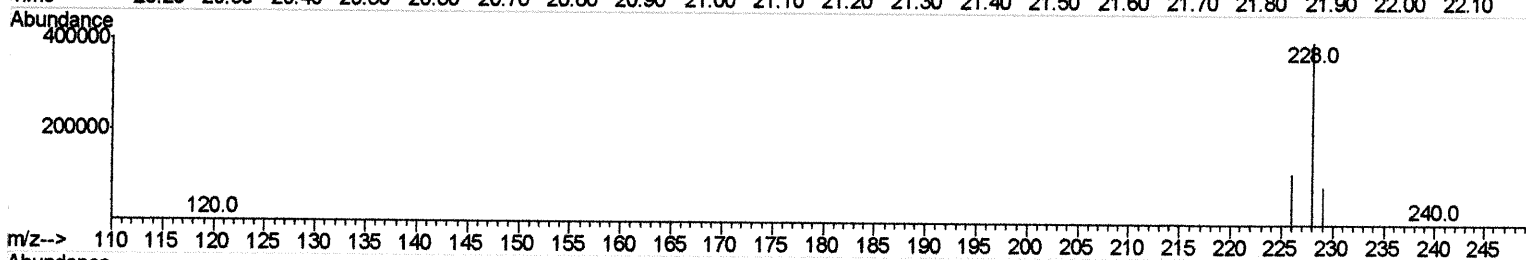
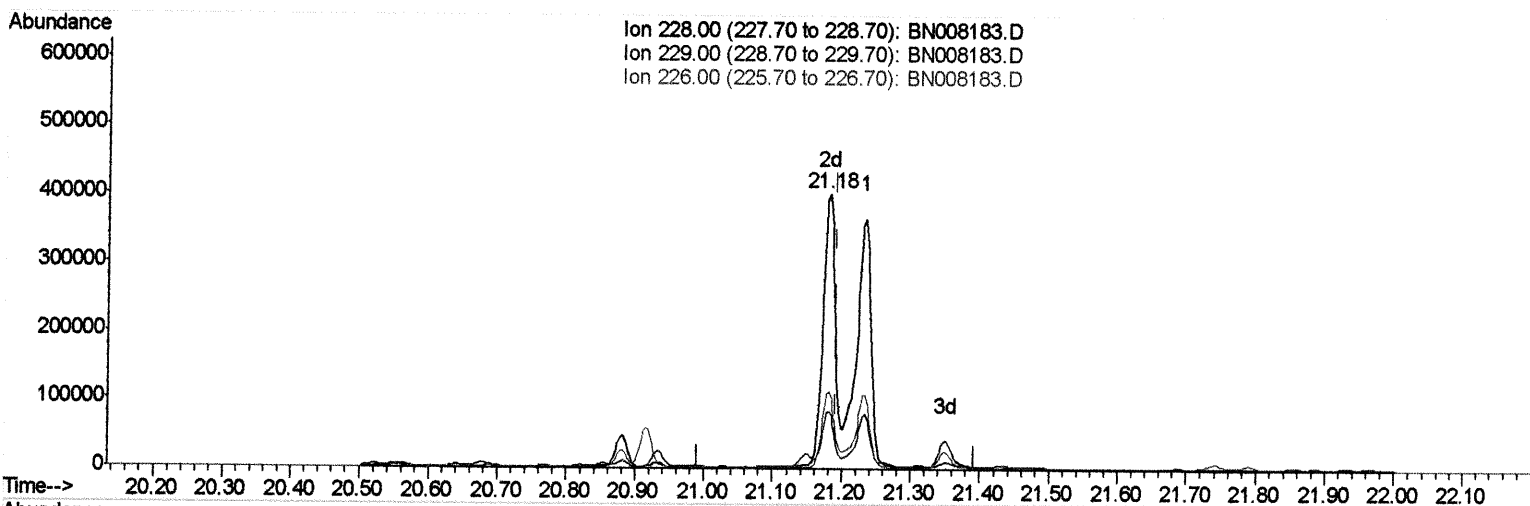
Quant Time: Oct 16 04:32:47 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

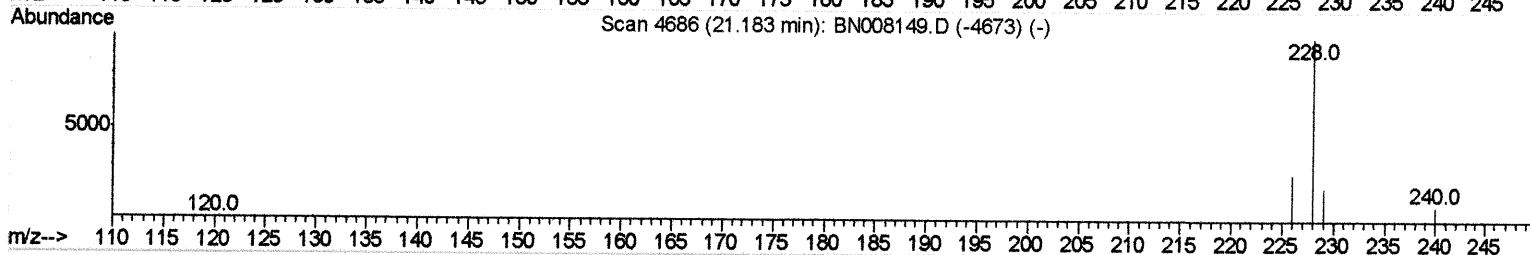
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 15 15:13:35 2019

Response via : Initial Calibration



Scan 4686 (21.183 min): BN008149.D (-4673) (-)



TIC: BN008183.D

(18) Benzo(a)anthracene

21.180min (-0.012) 8.51ng/ul m

response 509967

JU 10/21/19

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	20.83
226.00	26.70	28.15
0.00	0.00	0.00

Quantitation Report (Qedit)

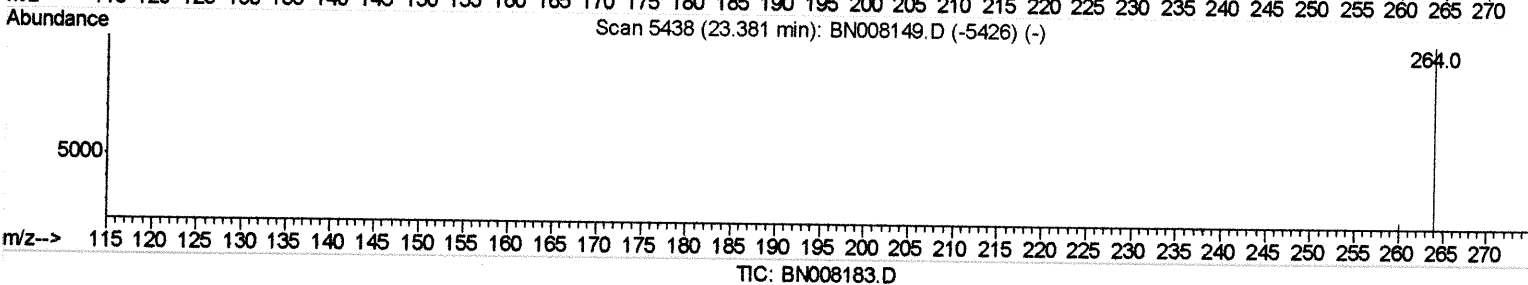
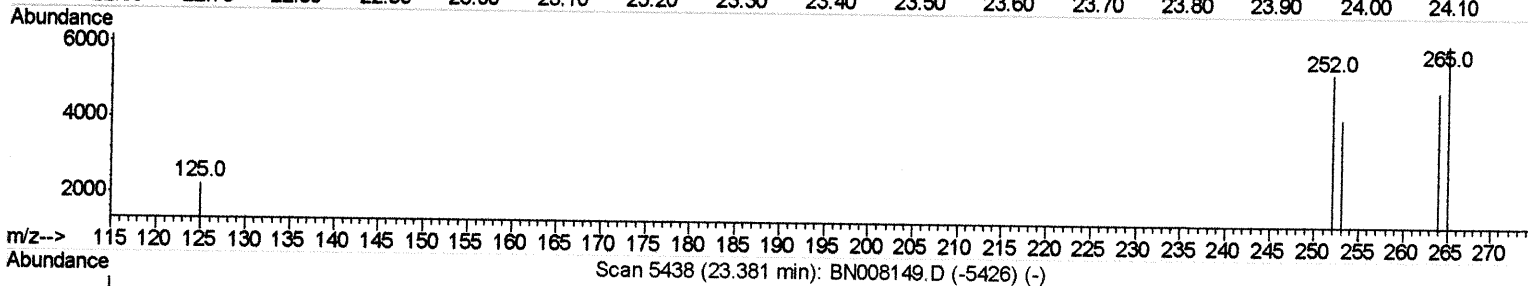
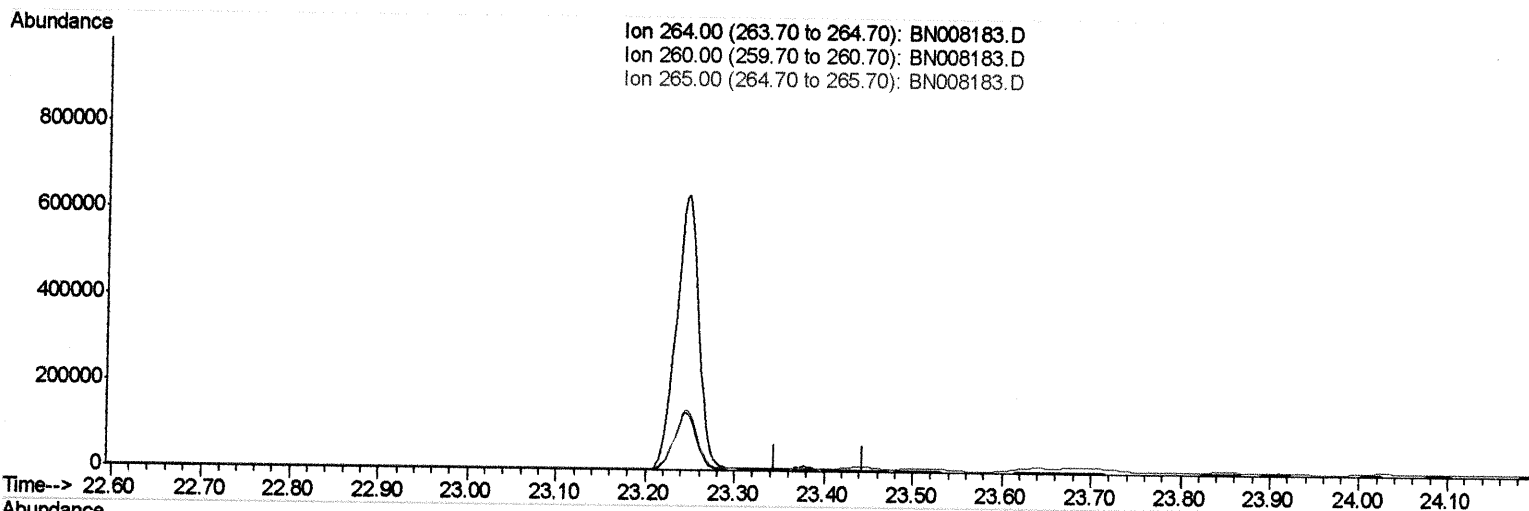
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008183.D
 Acq On : 15 Oct 2019 21:01
 Operator : JU
 Sample : K5175-11
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPF8

Manual Integrations
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Quant Time: Oct 16 04:32:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 15:13:35 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.395min (-23.395) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	25.60	0.00#
265.00	74.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

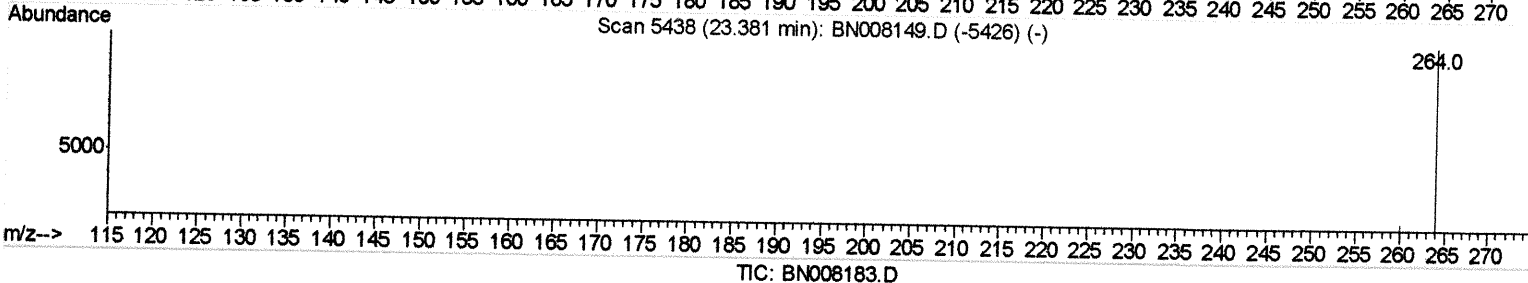
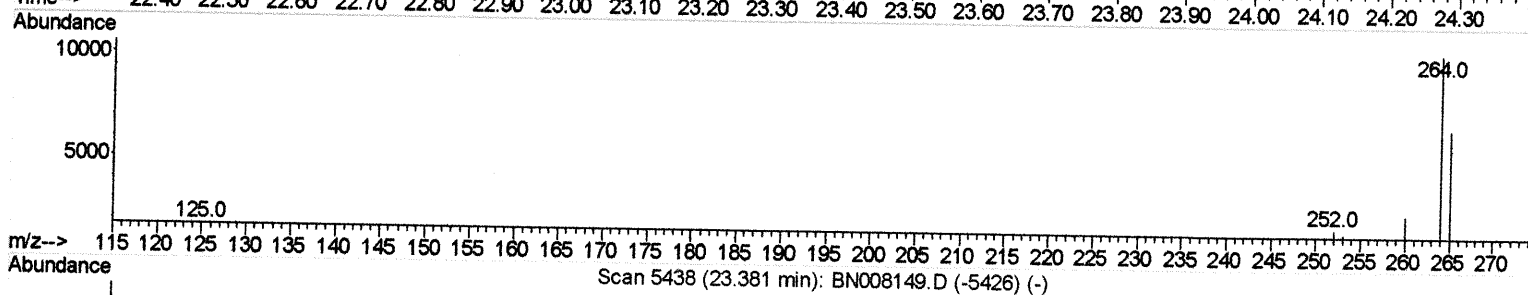
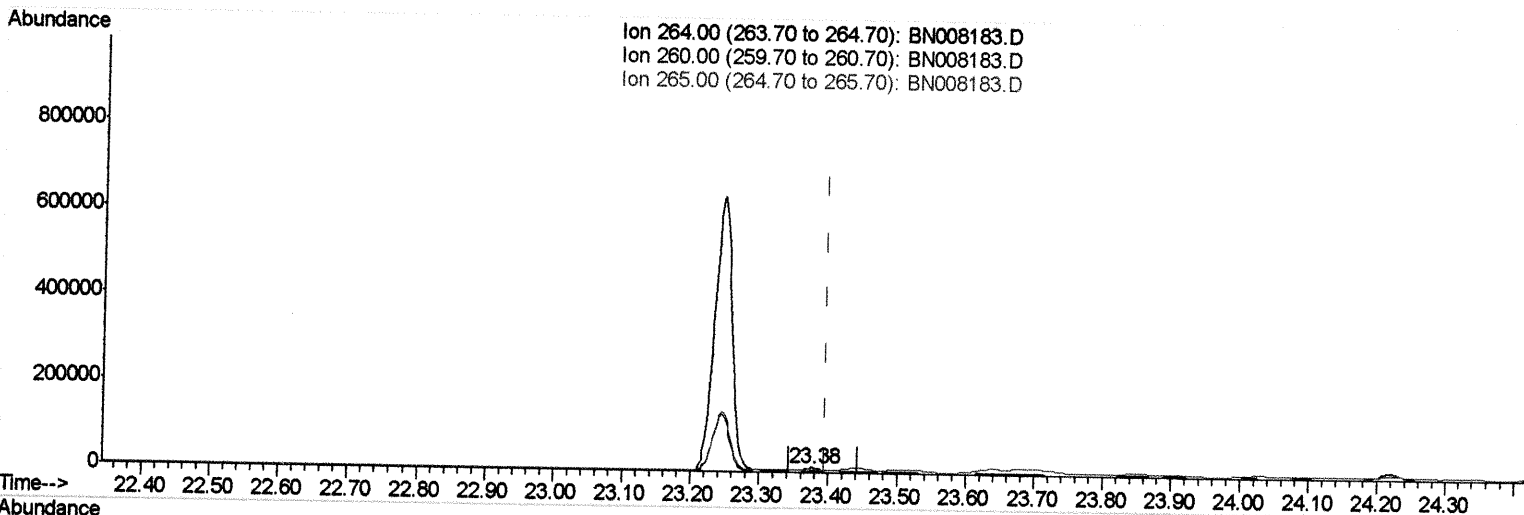
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008183.D
 Acq On : 15 Oct 2019 21:01
 Operator : JU
 Sample : K5175-11
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPF8

Manual Integrations
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Quant Time: Oct 16 04:32:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 15:13:35 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.378min (-0.017) 0.40ng/ul m

response 15171

JU 10/21/19

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.67
265.00	74.00	65.68
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\

Data File : BN008183.D

Acq On : 15 Oct 2019 21:01

Operator : JU

Sample : K5175-11

Misc :

ALS Vial : 50 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

BEPF8

Manual Integrations
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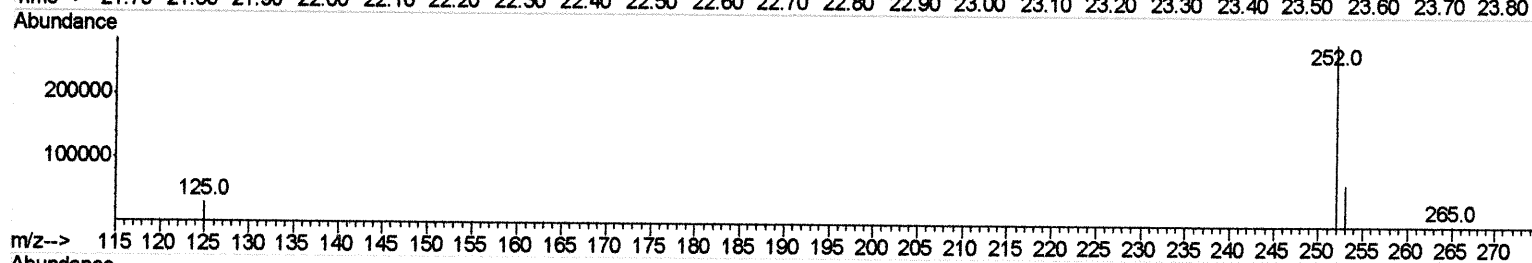
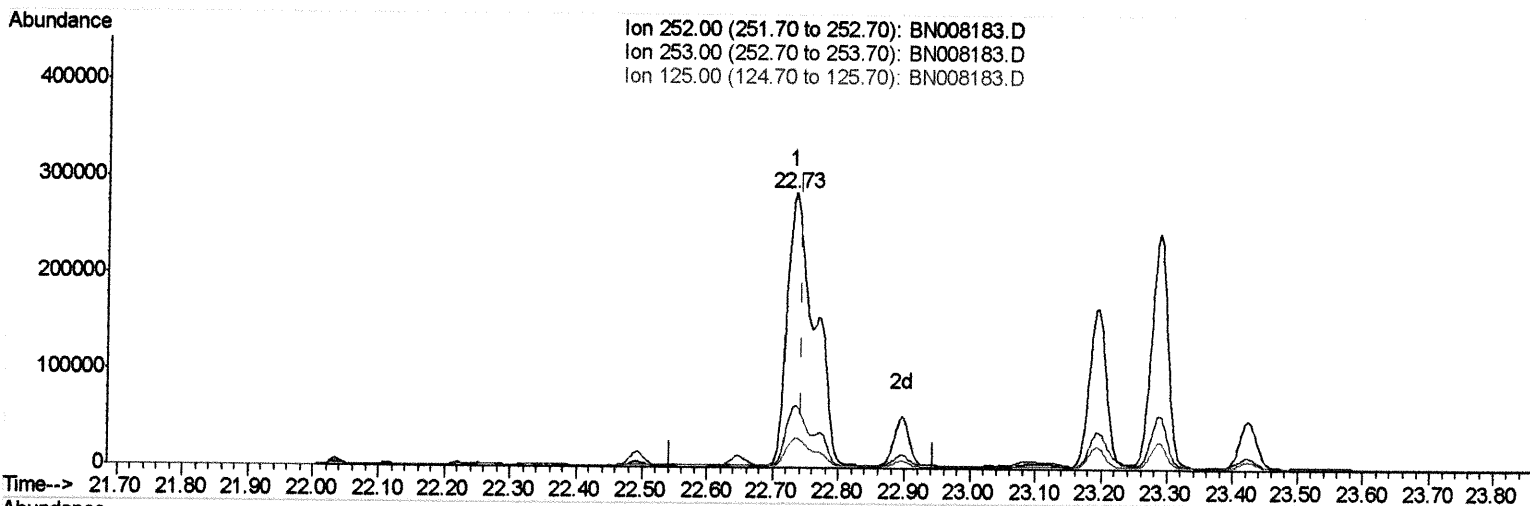
Quant Time: Oct 16 04:33:41 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

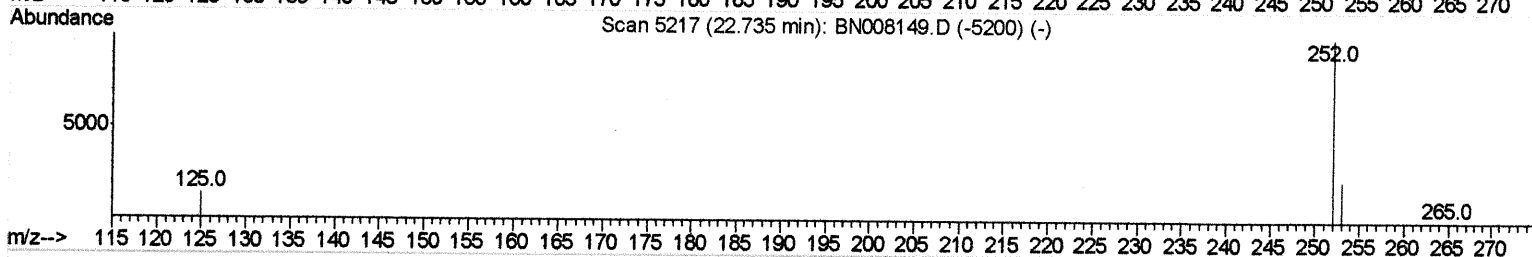
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 15 15:13:35 2019

Response via : Initial Calibration



Scan 5217 (22.735 min): BN008149.D (-5200) (-)



TIC: BN008183.D

(21) Benzo(b)fluoranthene

22.732min (-0.012) 16.59ng/ui

response 819302

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.83
125.00	16.20	10.72
0.00	0.00	0.00

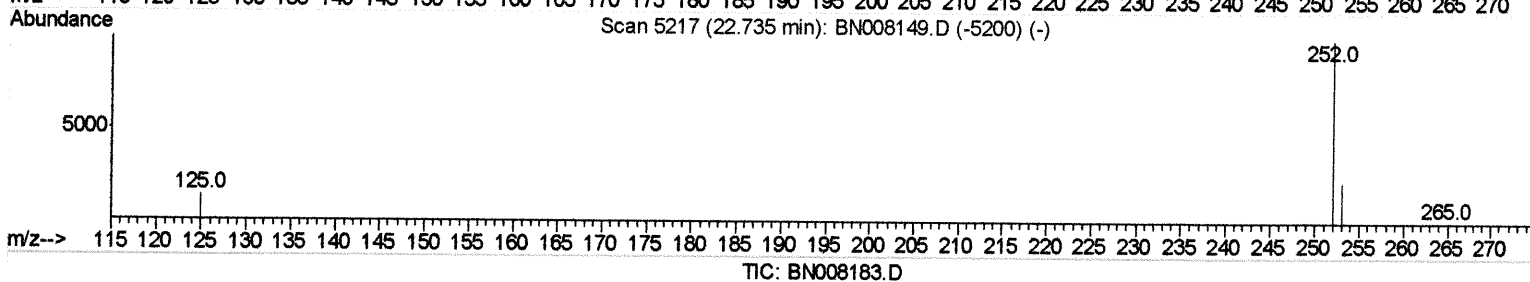
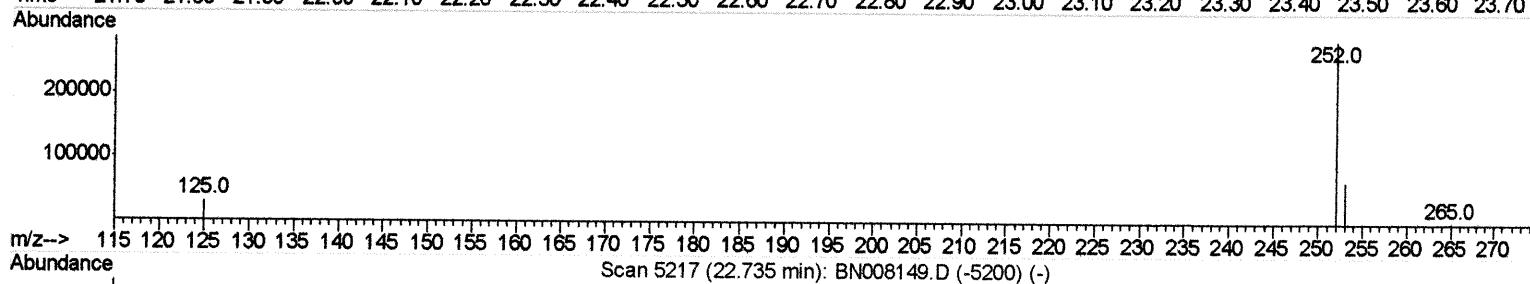
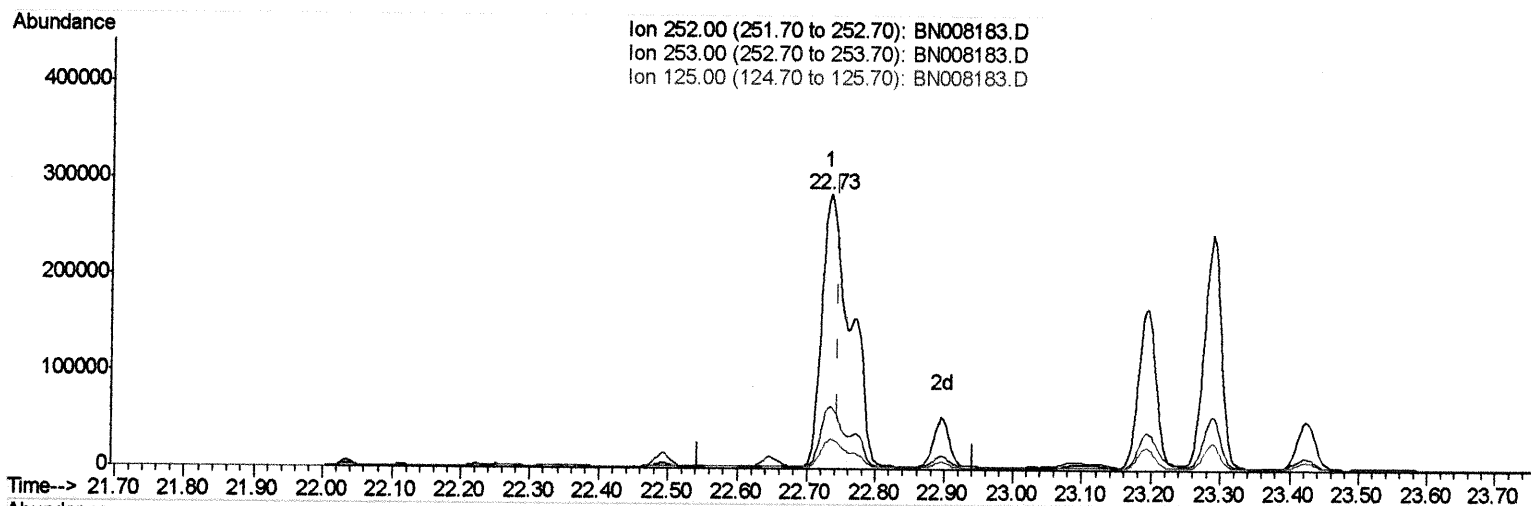
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
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Quant Time: Oct 16 04:33:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.732min (-0.012) 12.06ng/ul m

response 595836

JU 10/24/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.83
125.00	16.20	10.72
0.00	0.00	0.00

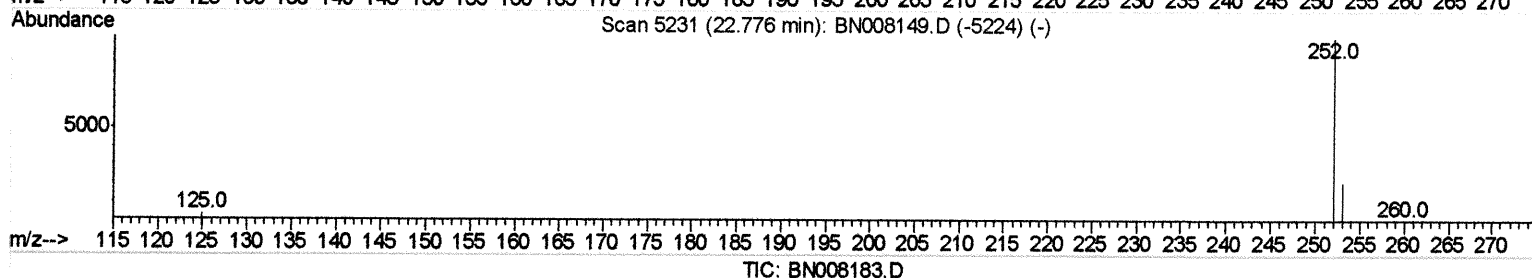
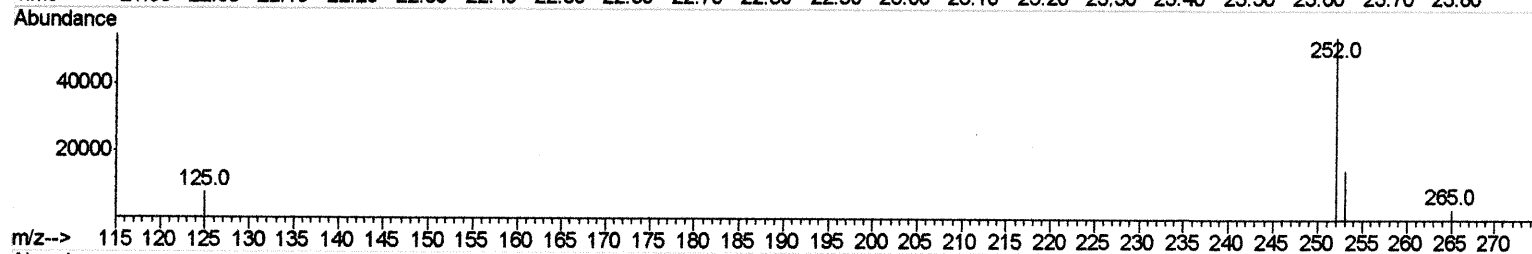
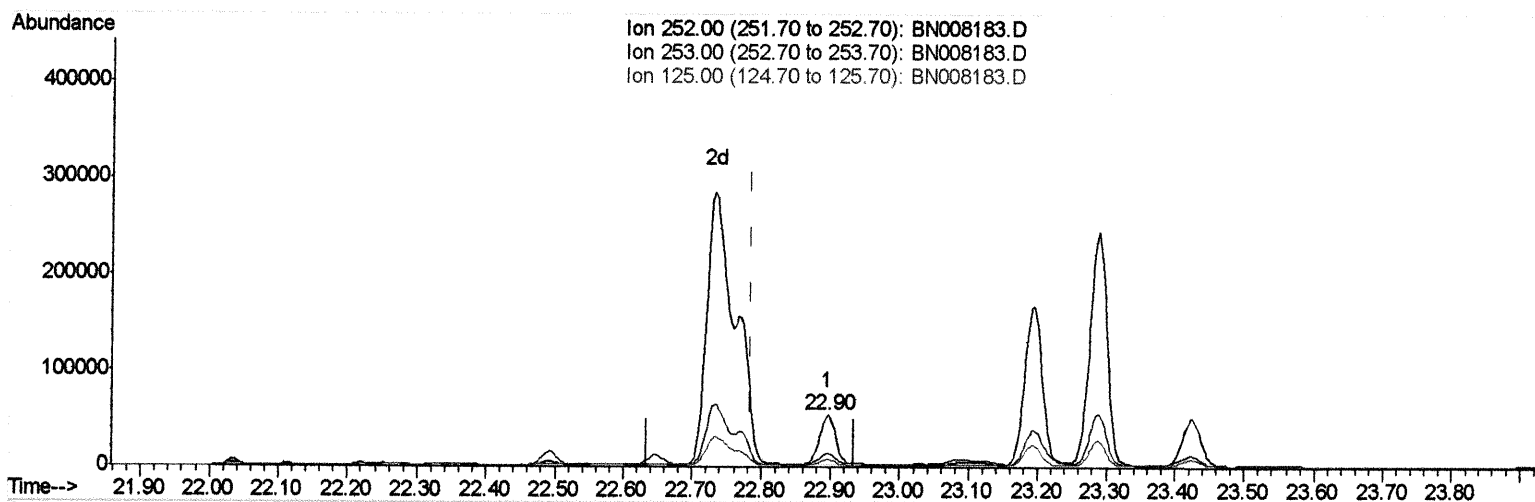
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
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Quant Time: Oct 16 04:33:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.896min (+0.111) 1.45ng/ul

response 80955

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.33
125.00	15.40	14.46
0.00	0.00	0.00

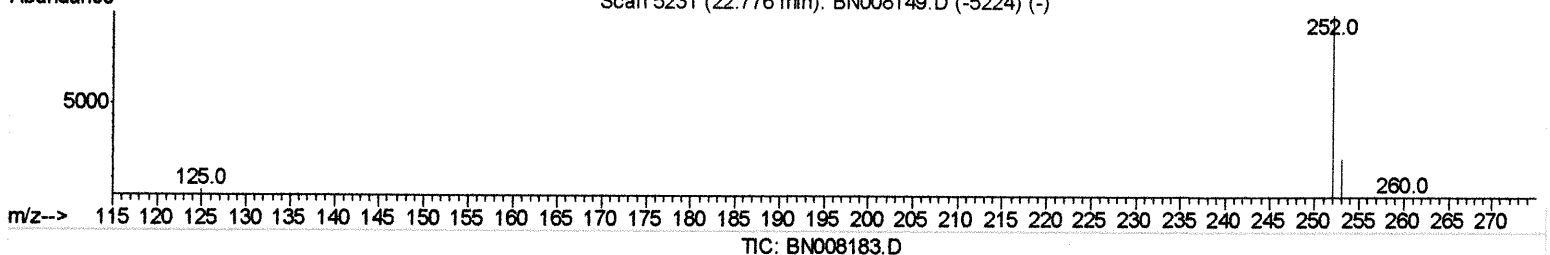
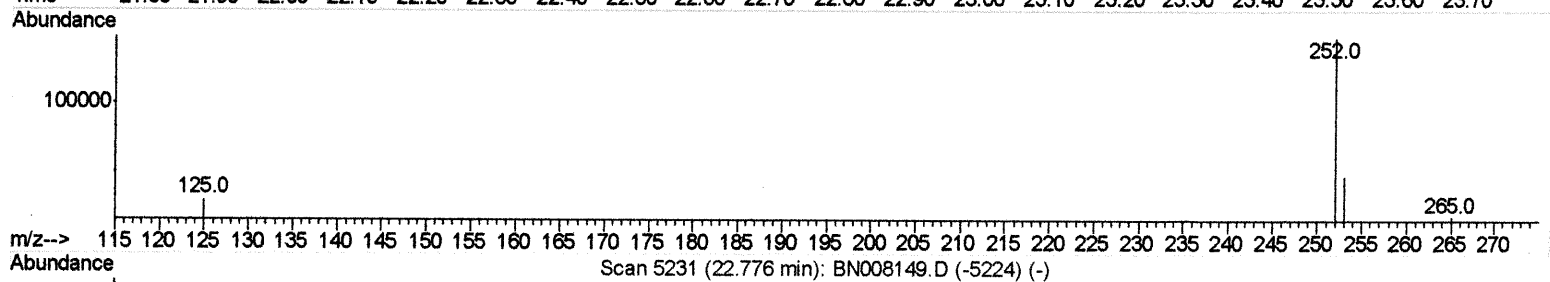
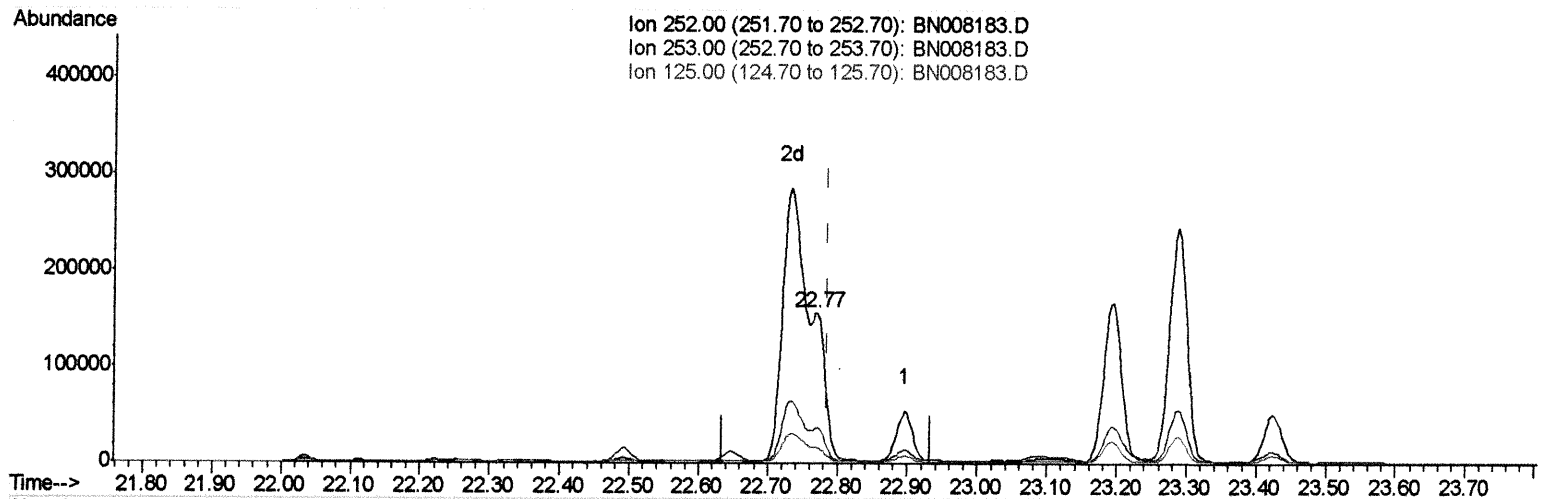
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008183.D
Acq On : 15 Oct 2019 21:01
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:33:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.770min (-0.015) 3.83ng/ul m

response 214058

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.92
125.00	15.40	10.67#
0.00	0.00	0.00

JU10/21/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008183.D
 Acq On : 15 Oct 2019 21:01
 Operator : JU
 Sample : K5175-11
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEPF8

Manual Integrations
 APPROVED

mohammad
 10/16/2019 4:08:24 PM

Quant Time: Oct 16 04:34:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 15 15:13:35 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2324	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	11357	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	7210	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	16693m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	16483m	0.40	ng/ul	-0.01
20) Perylene-d12	23.38	264	15171m	0.40	ng/ul	-0.02

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.98	152	4591	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	15851m	0.27	ng/ul	-0.01

Target Compounds

					Ovalue	
3) Naphthalene	10.43	128	4801	0.148	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	2521	0.114	ng/ul	98
7) Acenaphthylene	13.96	152	24501	0.713	ng/ul	100
8) Acenaphthene	14.31	153	8053	0.302	ng/ul	98
9) Fluorene	15.30	166	11357	0.375	ng/ul	97
11) Pentachlorophenol	16.66	266	110m	0.027	ng/ul	
12) Phenanthrene	17.04	178	267740m	5.478	ng/ul	
13) Anthracene	17.13	178	58682m	1.364	ng/ul	
15) Fluoranthene	19.06	202	795958m	12.331	ng/ul	
17) Pyrene	19.43	202	792461	12.075	ng/ul	99
18) Benzo(a)anthracene	21.18	228	509967m	8.510	ng/ul	98
19) Chrysene	21.23	228	532973	7.247	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	595836m	12.065	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	214058m	3.826	ng/ul	
23) Benzo(a)pyrene	23.29	252	423691	8.153	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.54	276	231821	3.787	ng/ul	99
25) Dibenzo(a,h)anthracene	25.55	278	62568	1.293	ng/ul	98
26) Benzo(a,h,i)perylene	26.21	276	182681	3.255	ng/ul	98

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