

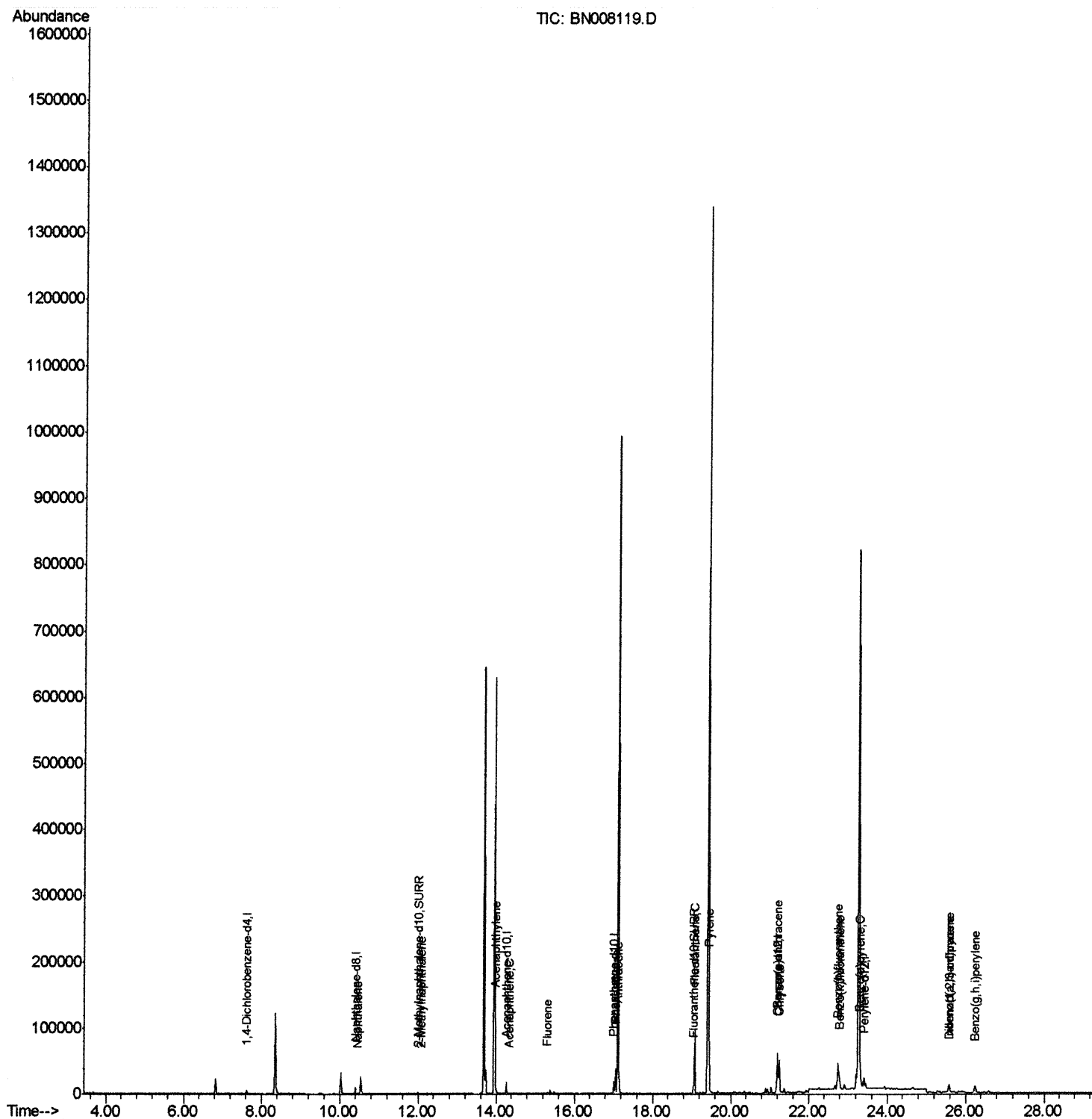
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:16:42 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

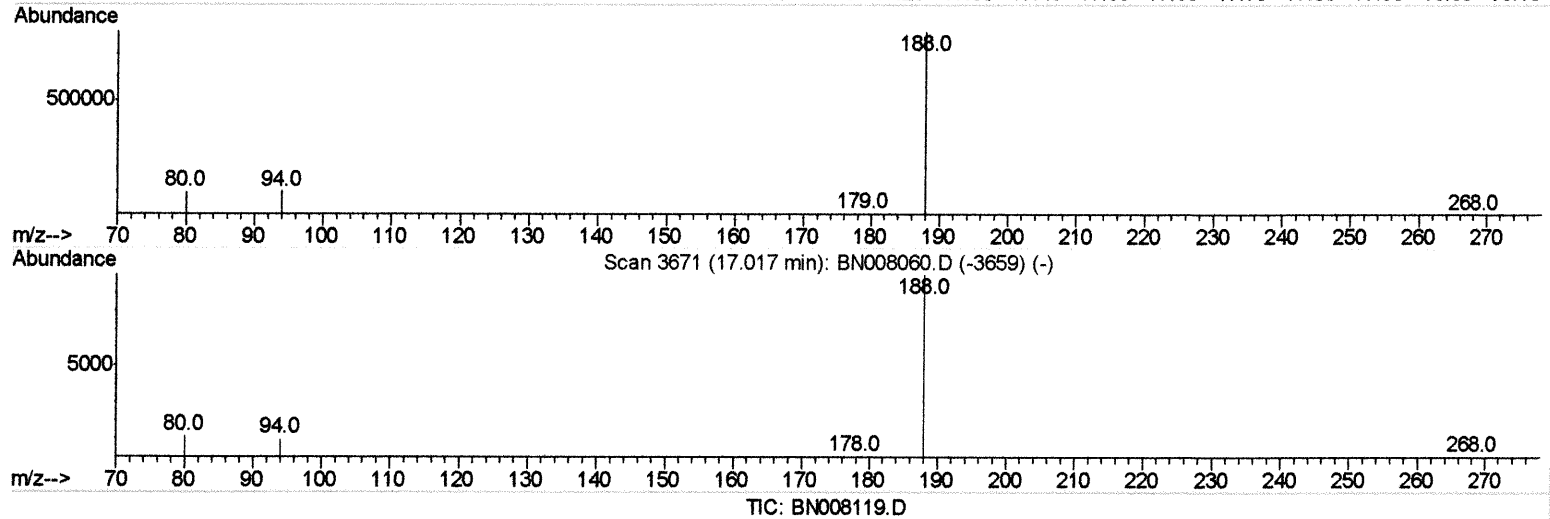
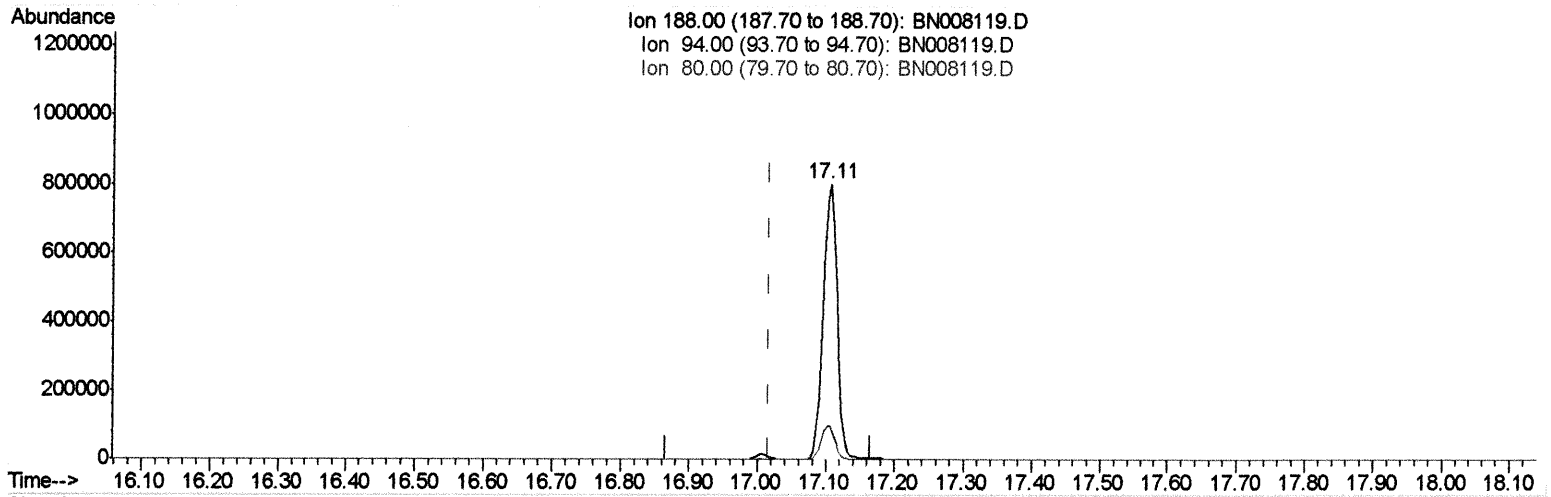
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:09 AM

Quant Time: Oct 12 21:41:18 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.106min (+0.089) 0.40ng/ul

response 1124456

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.33
80.00	12.60	11.96
0.00	0.00	0.00

Quantitation Report (Qedit)

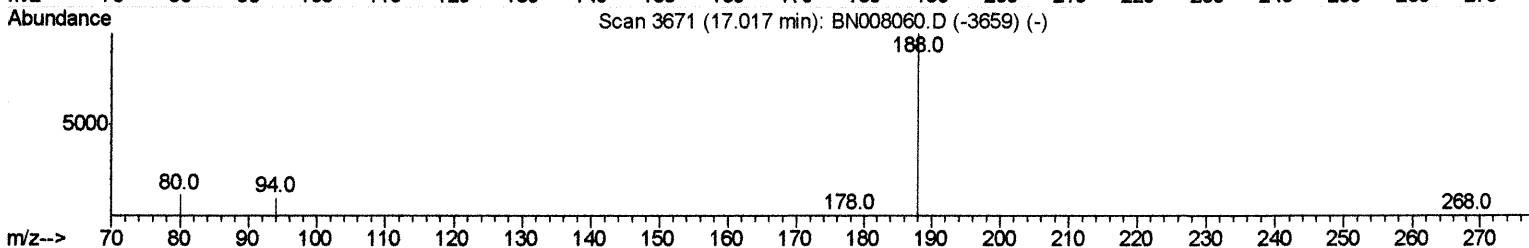
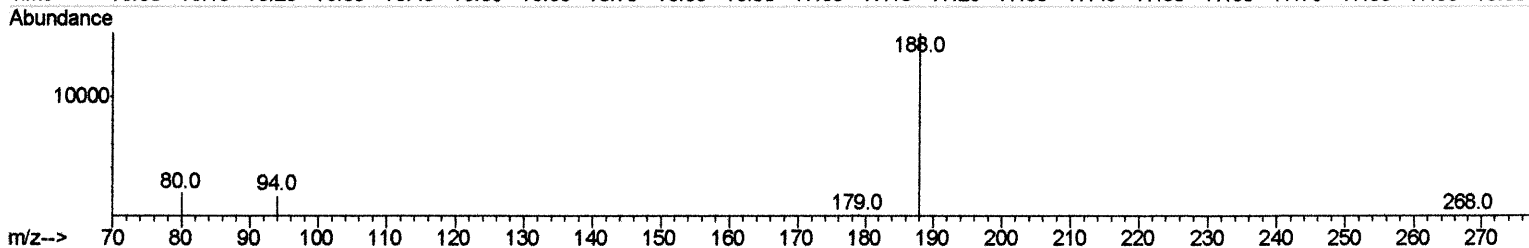
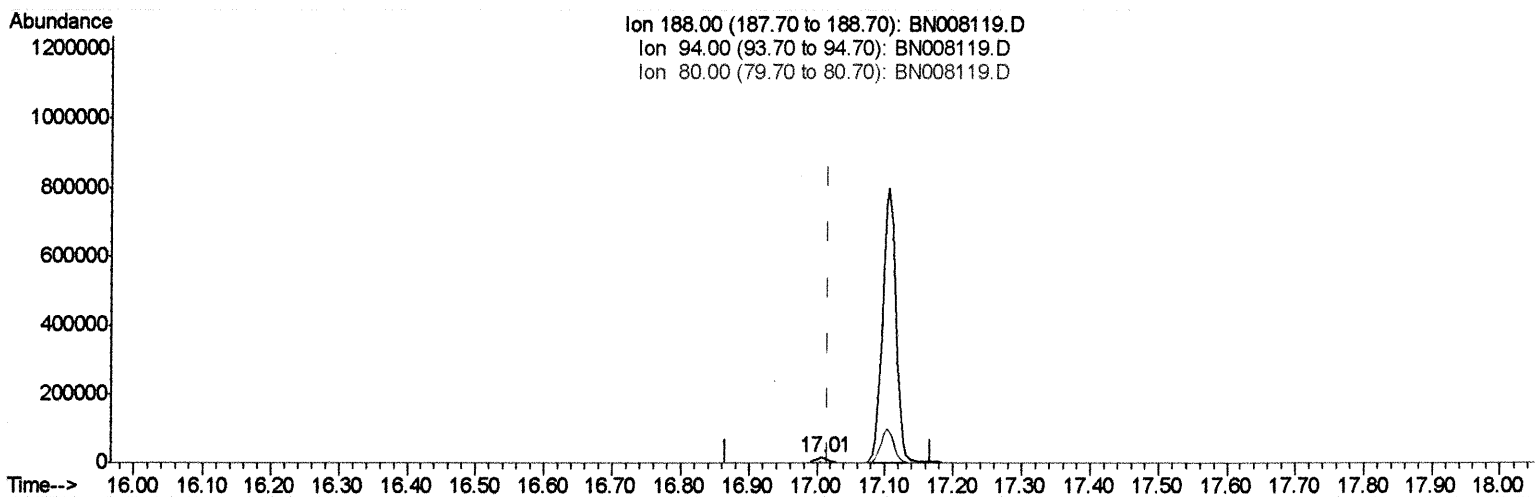
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008119.D
 Acq On : 12 Oct 2019 18:56
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:09 AM

Quant Time: Oct 12 21:41:18 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



TIC: BN008119.D

(10) Phenanthrene-d10 (I)

17.009min (-0.008) 0.40ng/ul *24* 10/16/19

response 21916

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	10.76
80.00	12.60	12.60
0.00	0.00	0.00

Quantitation Report (Qedit)

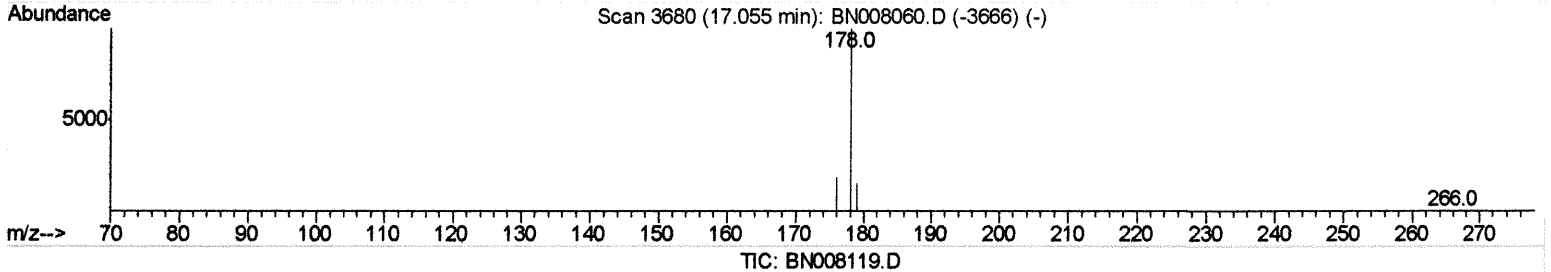
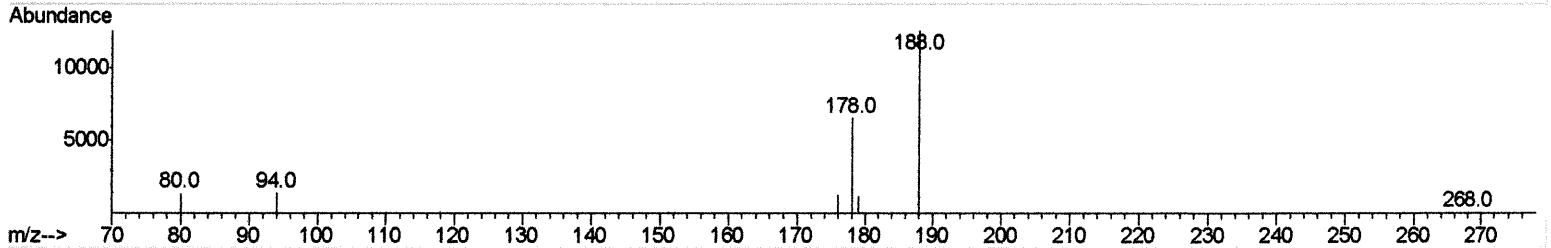
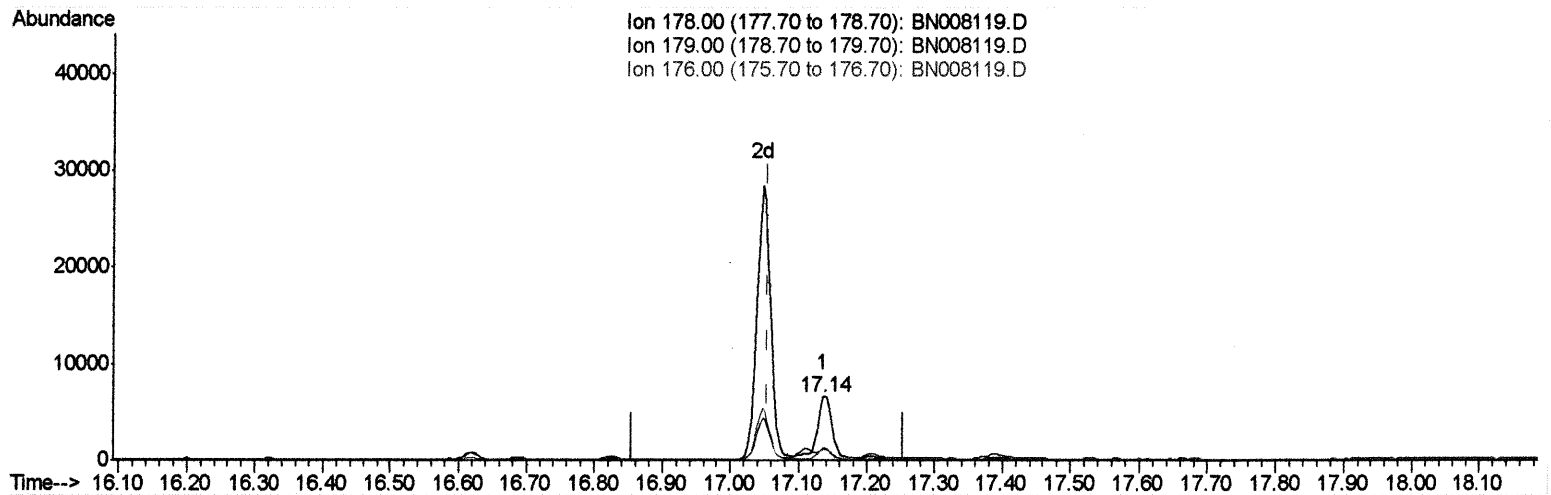
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008119.D
 Acq On : 12 Oct 2019 18:56
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:12:55 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.135min (+0.080) 0.15ng/ul

response 9488

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	17.88
176.00	19.30	19.62
0.00	0.00	0.00

Quantitation Report (Qedit)

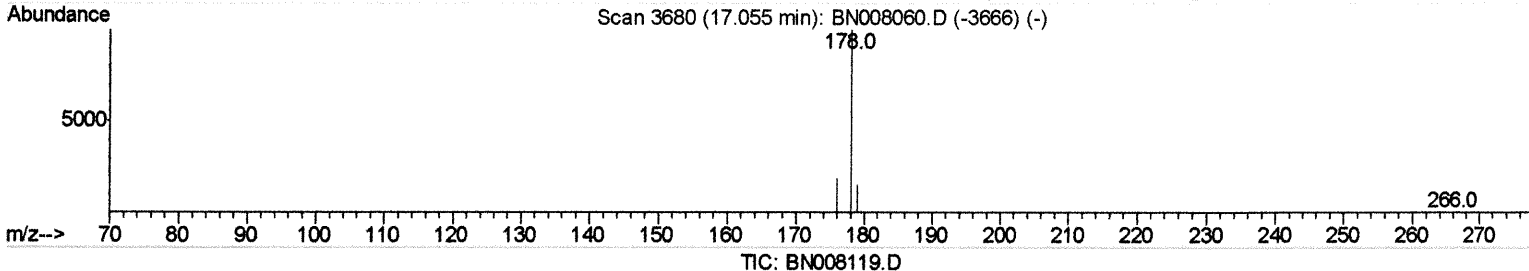
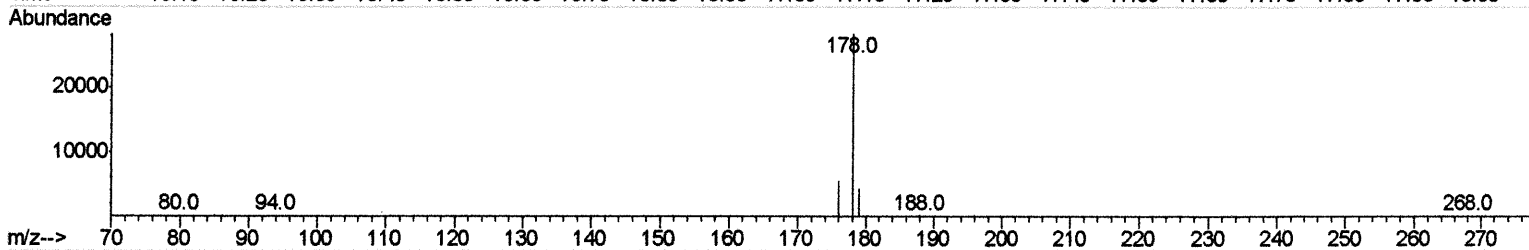
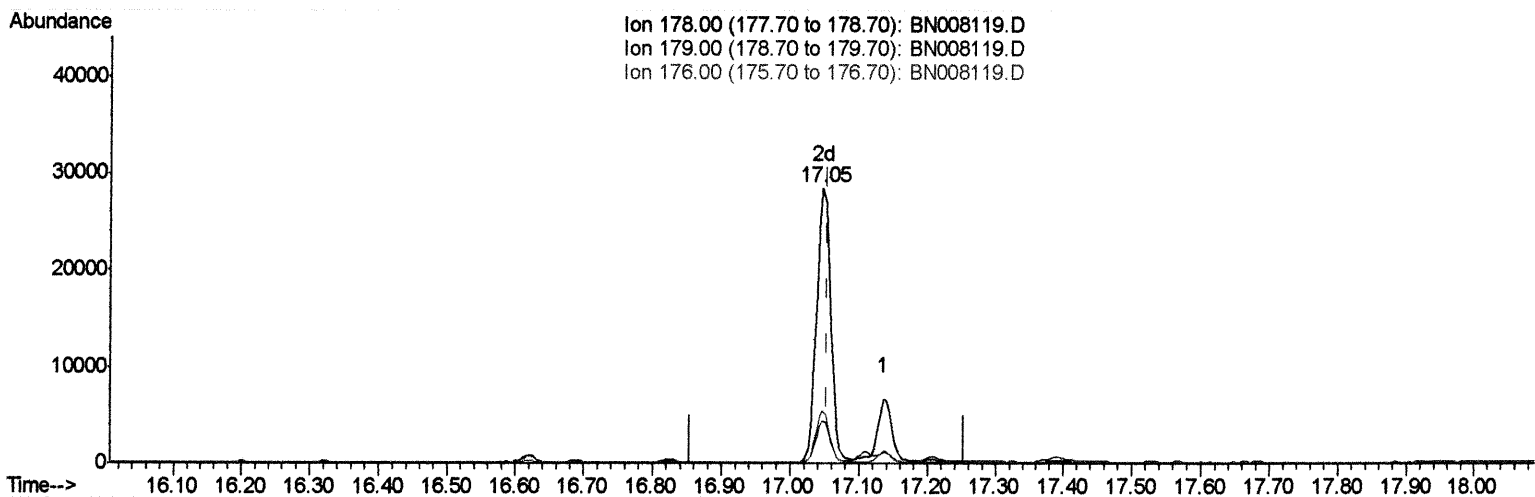
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008119.D
 Acq On : 12 Oct 2019 18:56
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:12:55 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.047min (-0.008) 0.63ng/ul m *ru 10/16/19*

response 40686

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.47
176.00	19.30	19.08
0.00	0.00	0.00

Quantitation Report (Qedit)

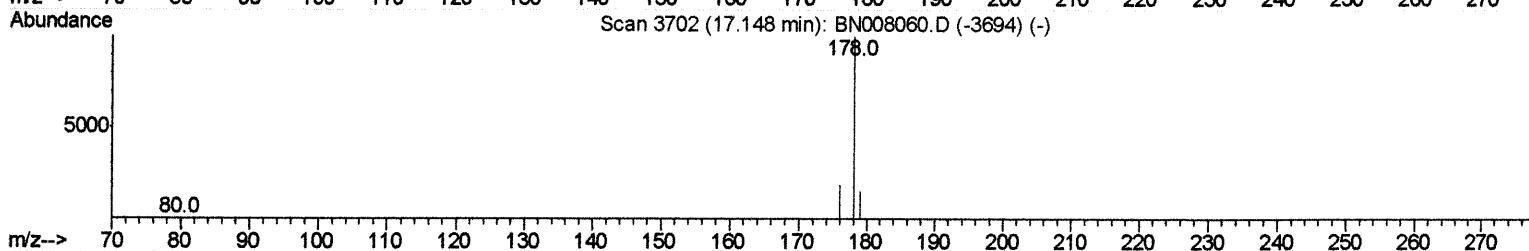
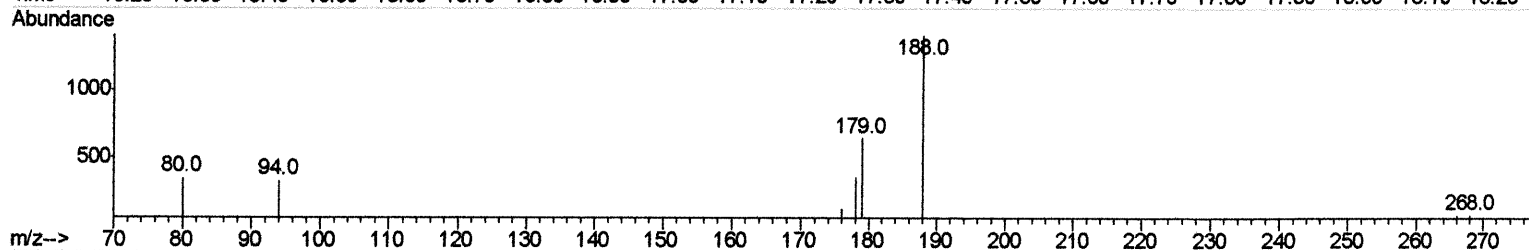
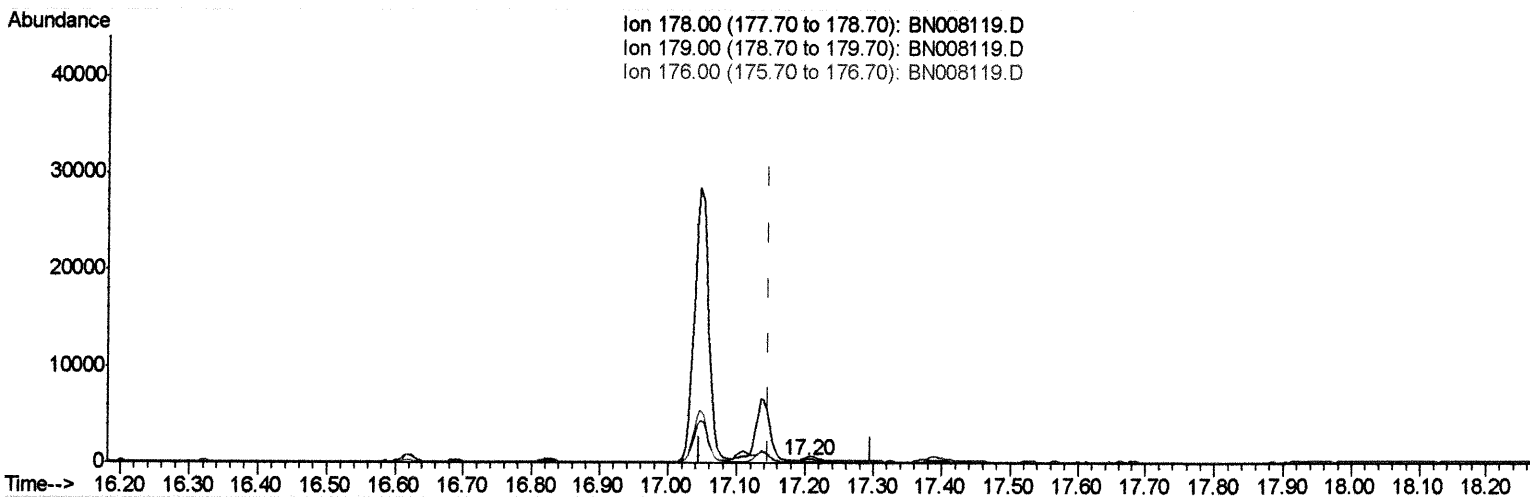
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008119.D
 Acq On : 12 Oct 2019 18:56
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:12:55 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



TIC: BN008119.D

(13) Anthracene

17.203min (+0.055) 0.01ng/ul

response 381

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	183.00#
176.00	18.80	33.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

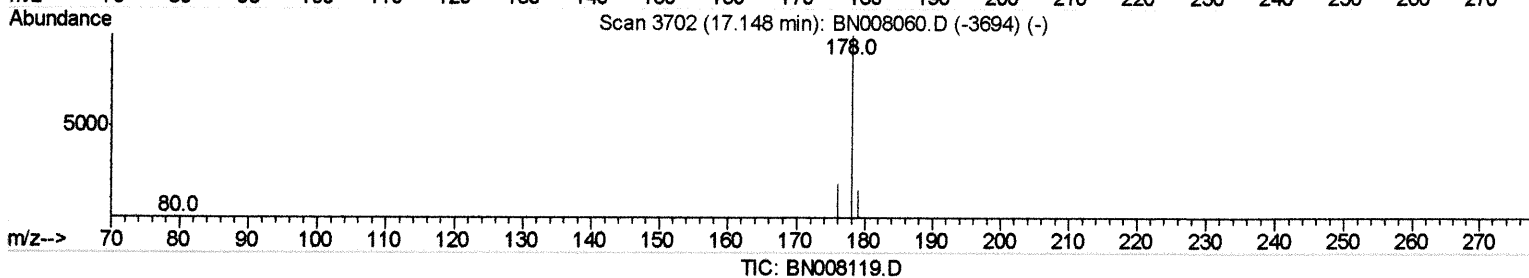
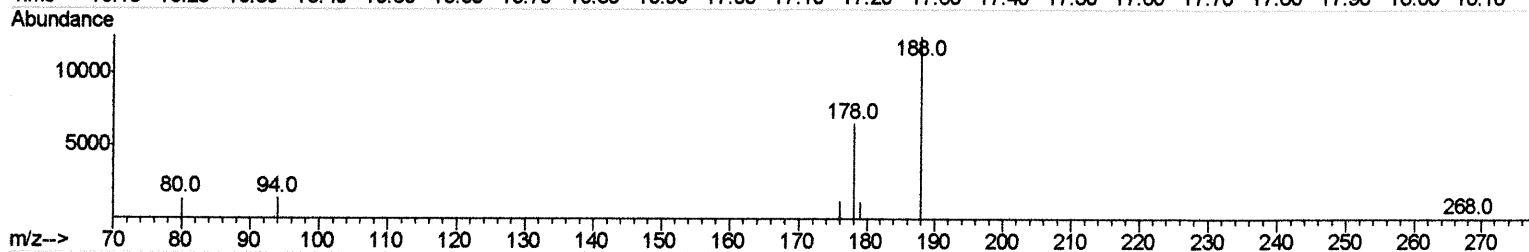
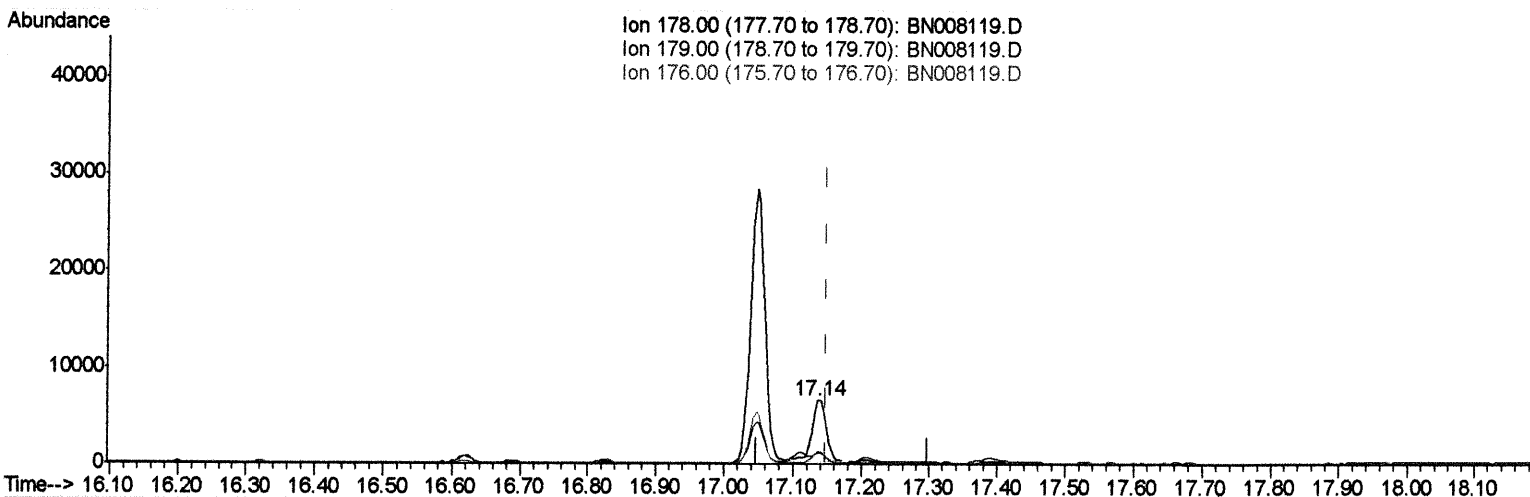
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008119.D
 Acq On : 12 Oct 2019 18:56
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:12:55 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(13) Anthracene

17.135min (-0.013) 0.17ng/ul m *M 10/16/19*

response 9406

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	17.88
176.00	18.80	19.62
0.00	0.00	0.00

Quantitation Report (Qedit)

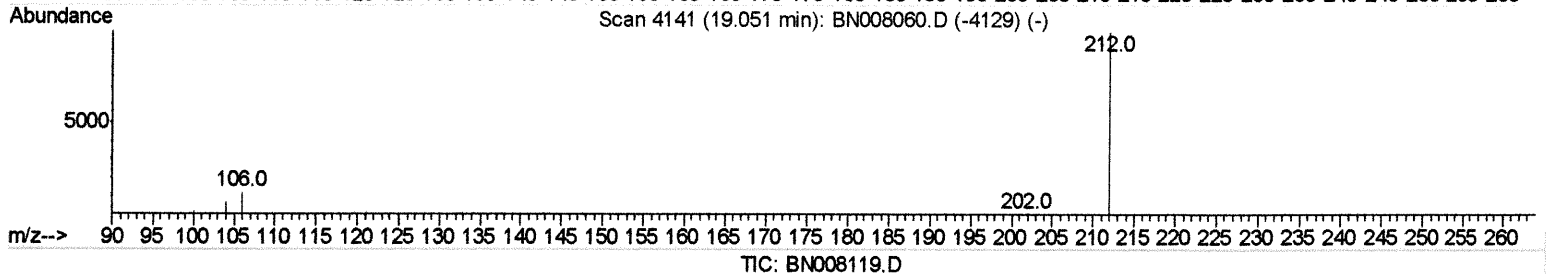
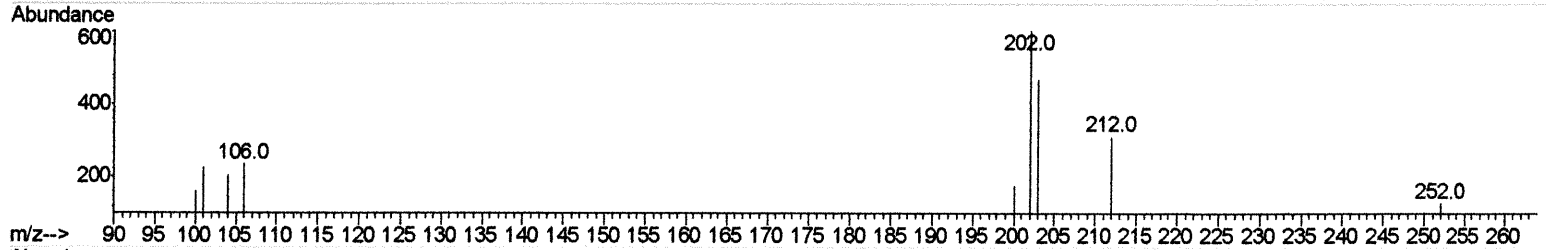
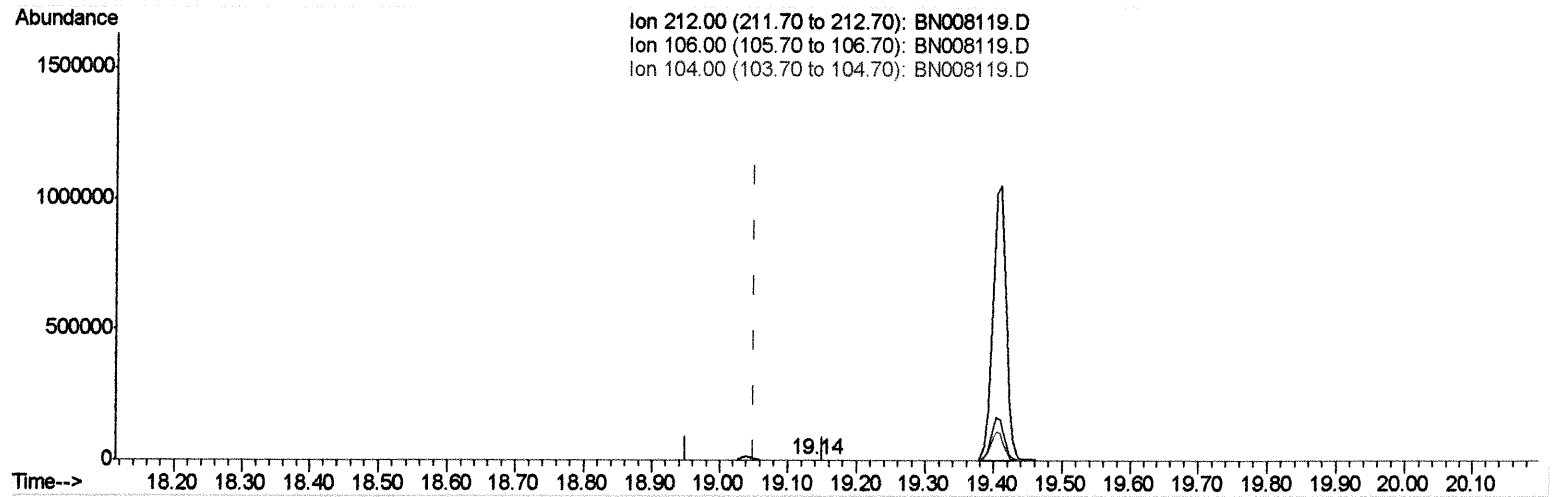
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008119.D
 Acq On : 12 Oct 2019 18:56
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:12:55 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



TIC: BN008119.D

(14) Fluoranthene-d10 (SURR)

19.139min (+0.088) 0.00ng/ul

response 309

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	19.09#
104.00	7.20	6.47
0.00	0.00	0.00

Quantitation Report (Qedit)

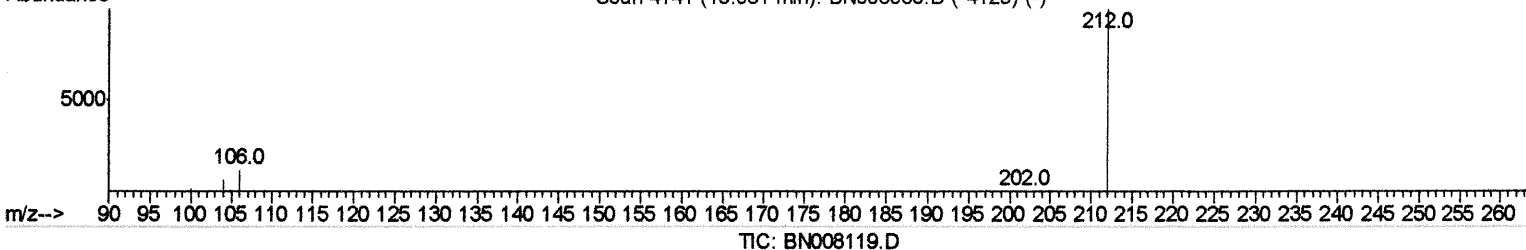
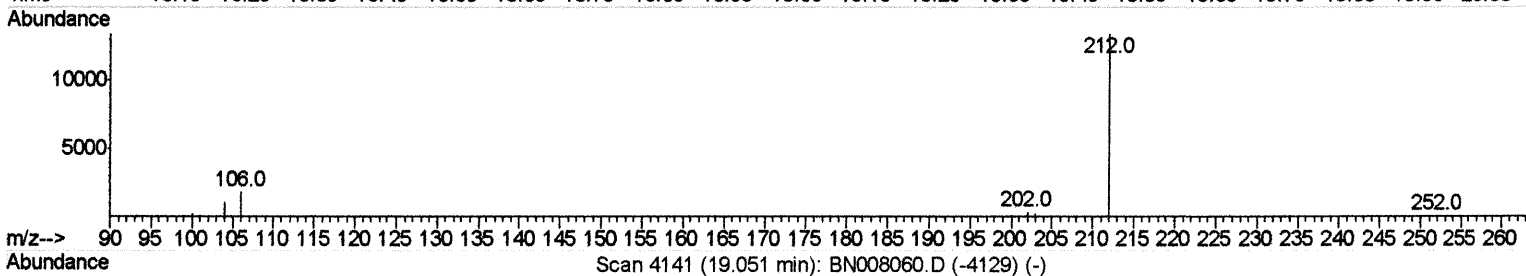
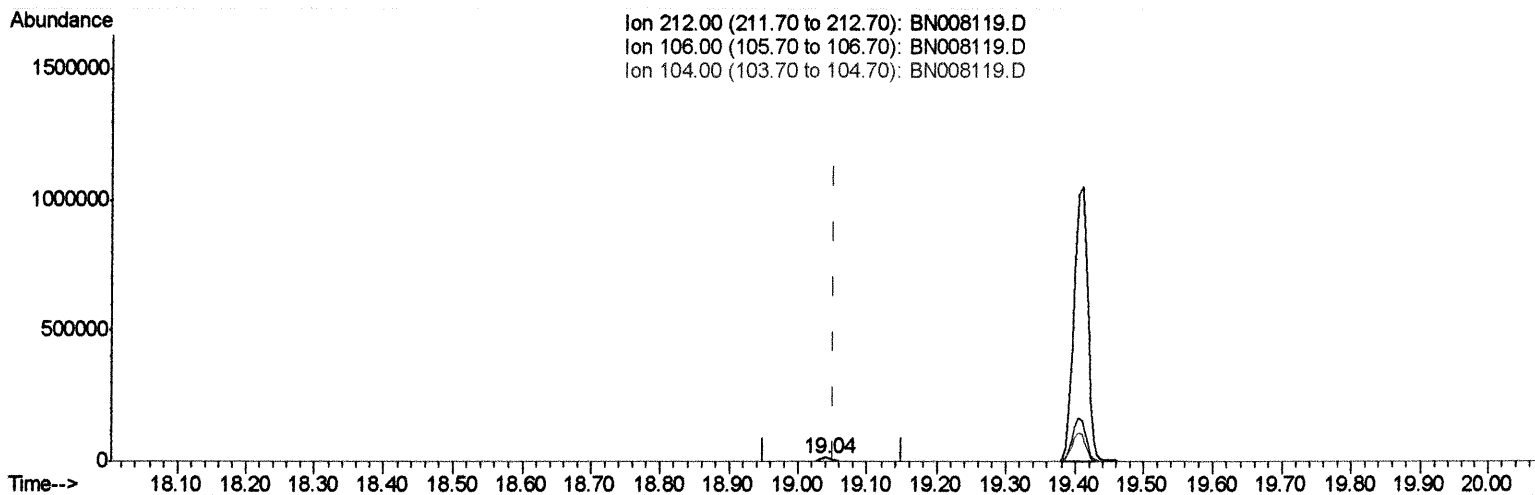
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008119.D
 Acq On : 12 Oct 2019 18:56
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:12:55 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.042min (-0.009) 0.23ng/ul m *ju 10/16/19*

response 17097

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.35#
104.00	7.20	0.12#
0.00	0.00	0.00

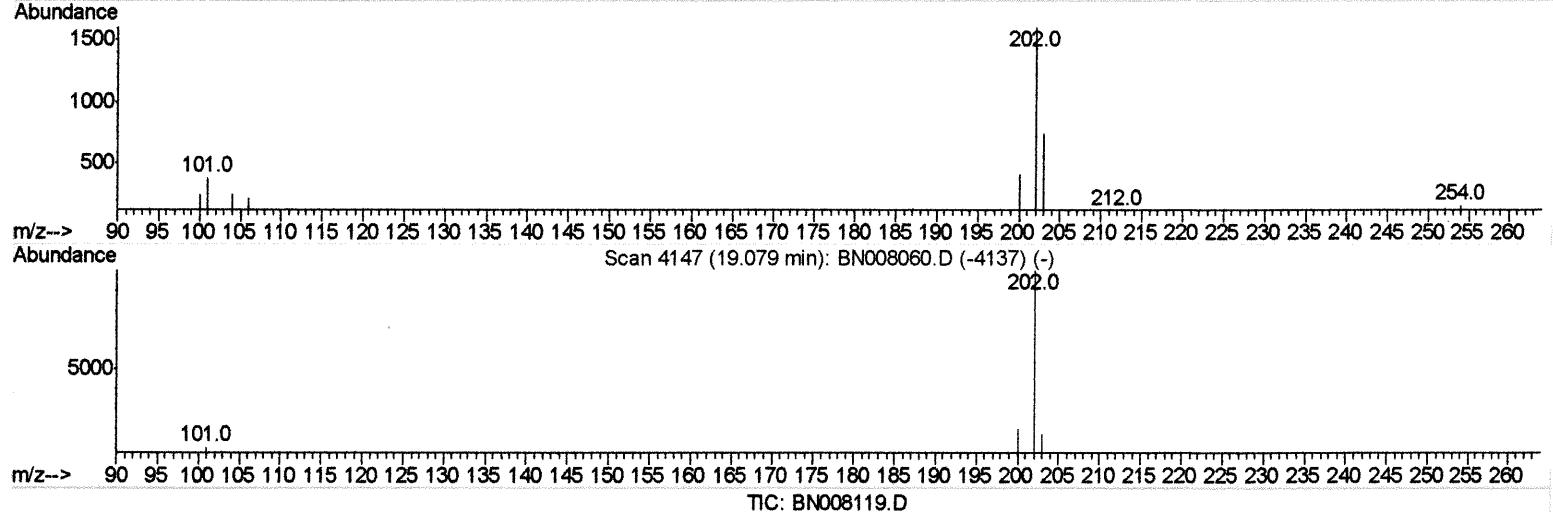
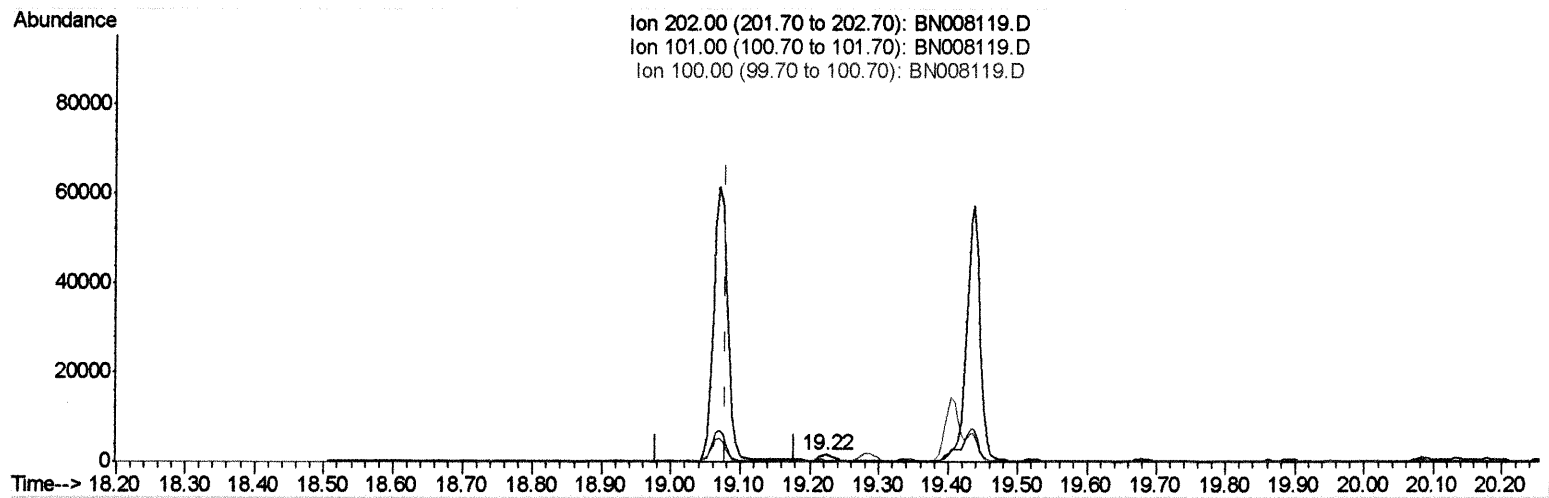
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:12:55 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.223min (+0.144) 0.02ng/ui

response 1639

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	24.11
100.00	8.50	15.51
0.00	0.00	0.00

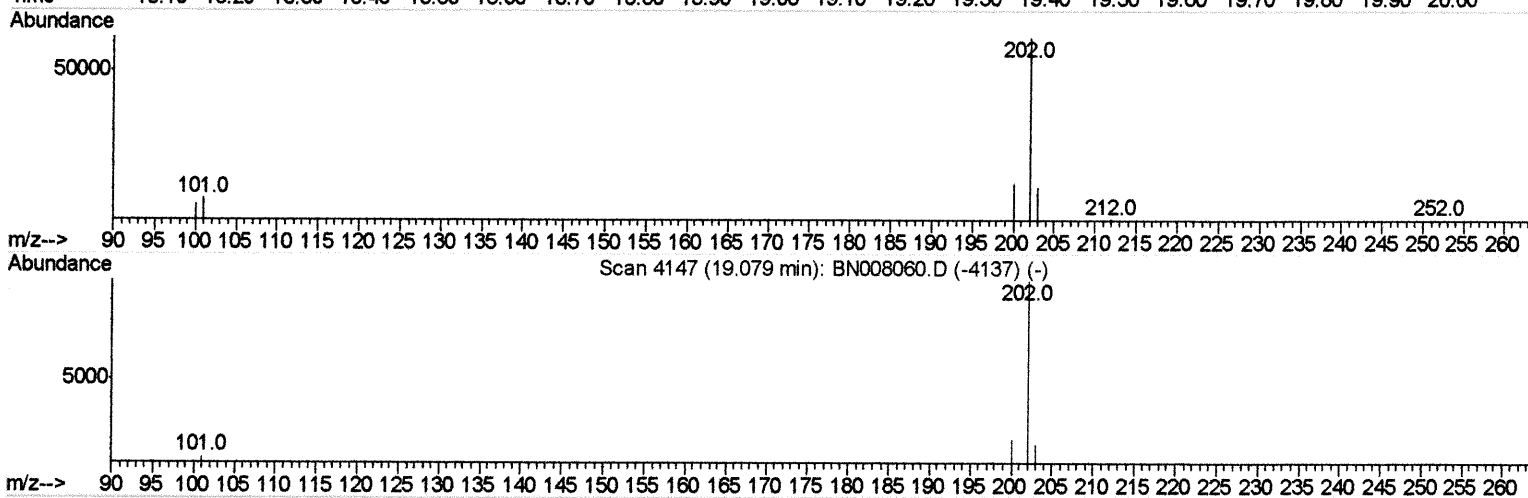
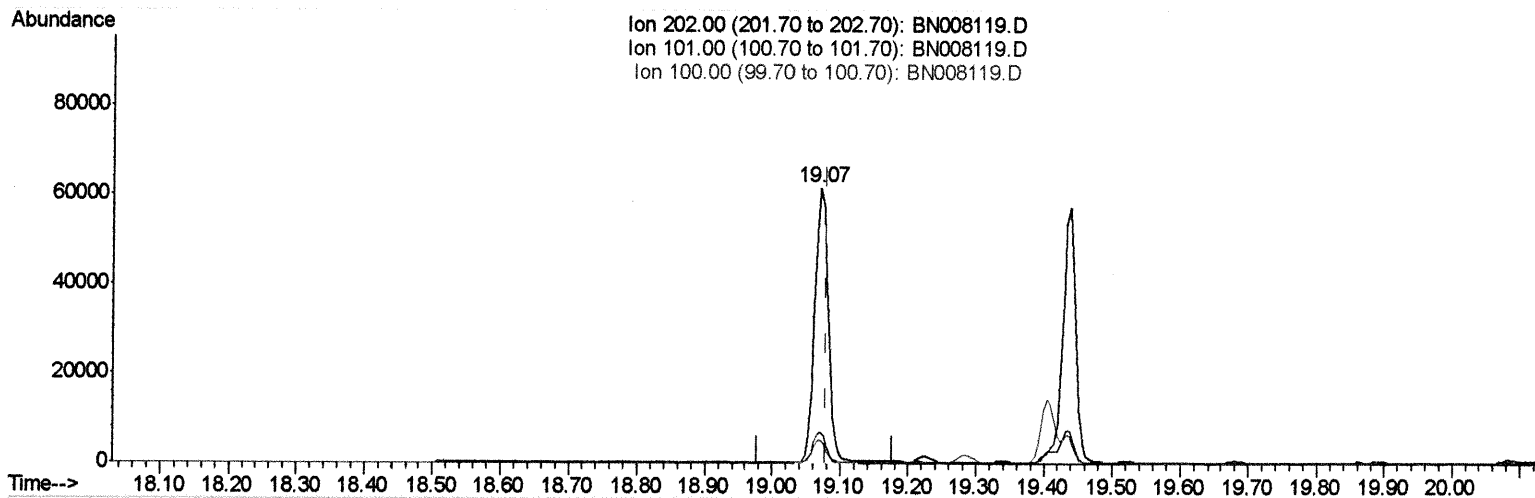
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:12:55 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



TIC: BN008119.D

(15) Fluoranthene (C)

19.070min (-0.009) 1.02ng/ul m *JU 10/16/19*

response 86281

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	11.61
100.00	8.50	8.66
0.00	0.00	0.00

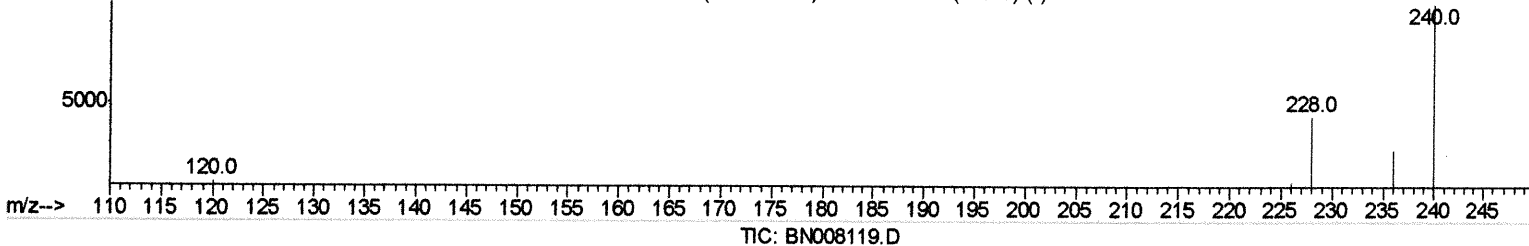
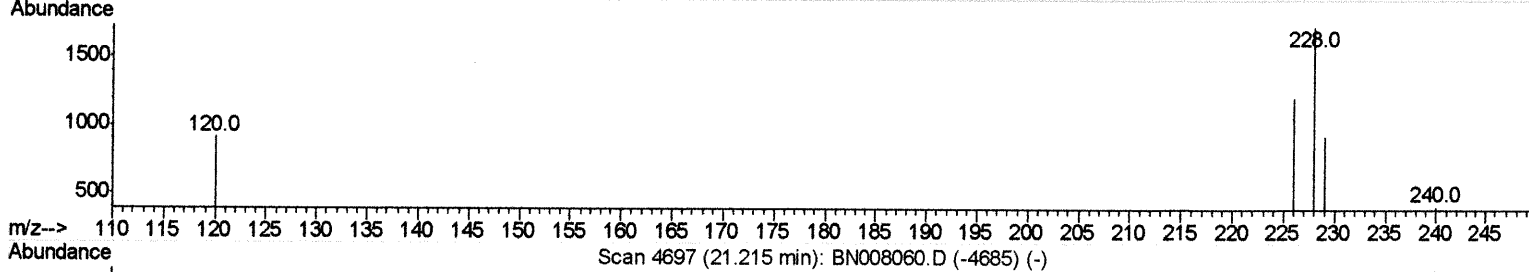
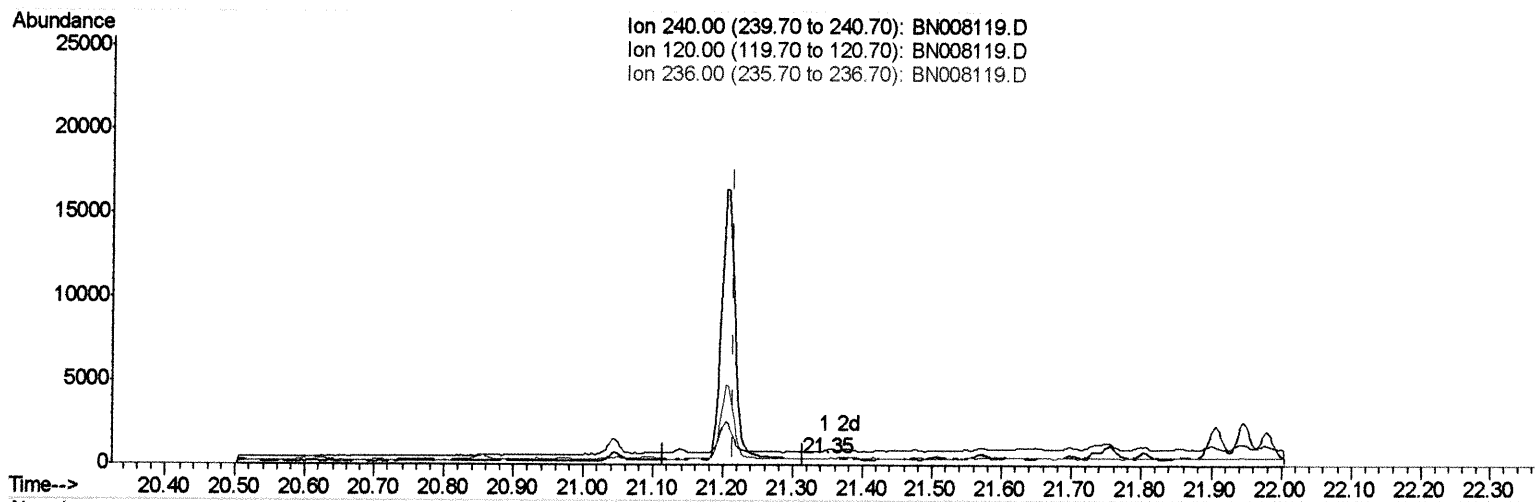
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:12:55 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.347min (+0.132) 0.40ng/ul

response 98

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	220.63#
236.00	28.40	94.90#
0.00	0.00	0.00

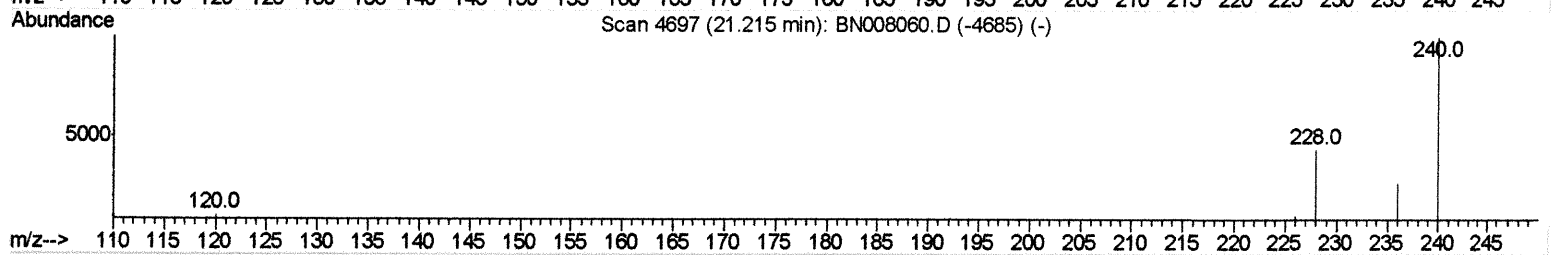
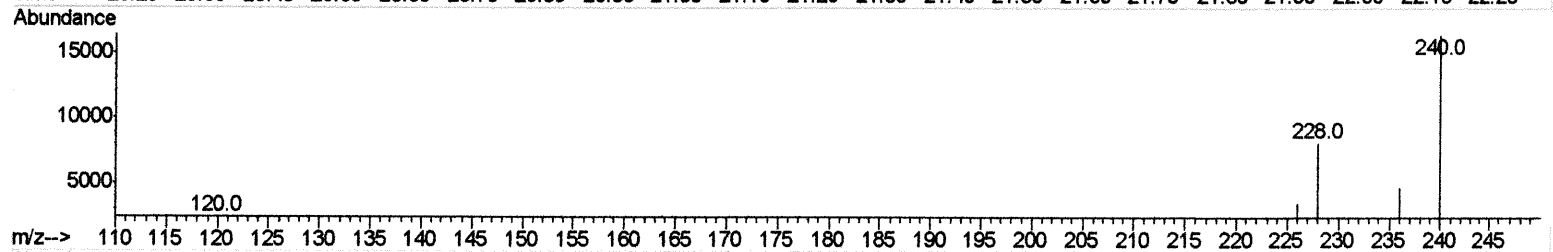
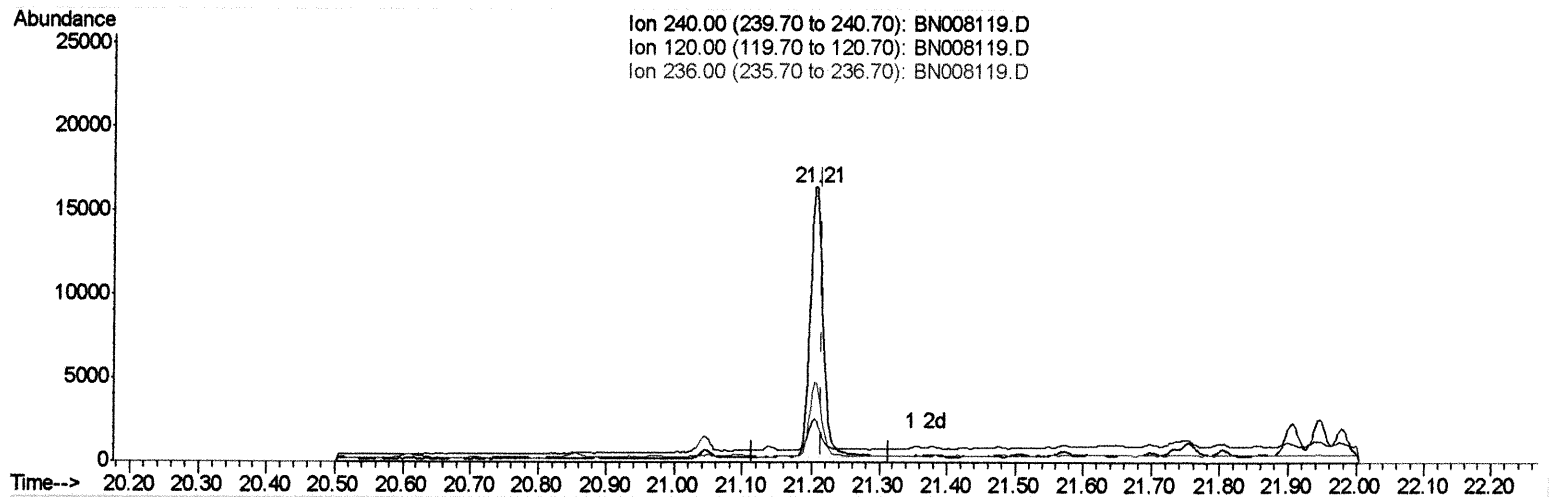
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:12:55 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



TIC: BN008119.D

(16) Chrysene-d12 (I)

21.207min (-0.009) 0.40ng/ul m *24 10/16/19*

response 21829

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	14.86
236.00	28.40	28.70
0.00	0.00	0.00

Quantitation Report (Qedit)

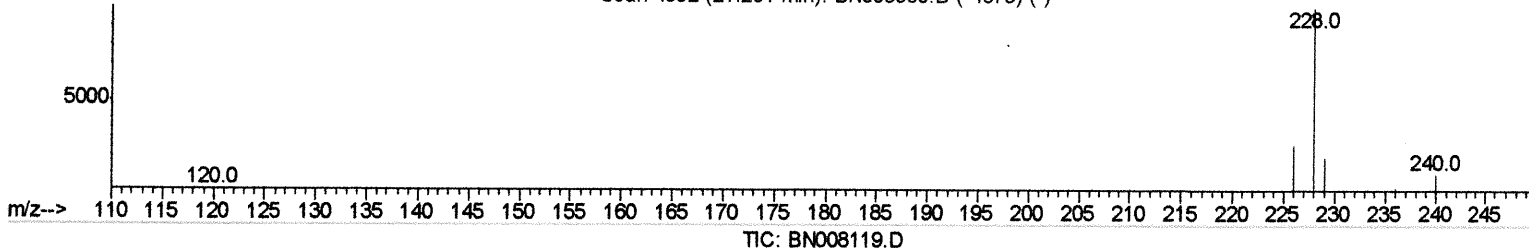
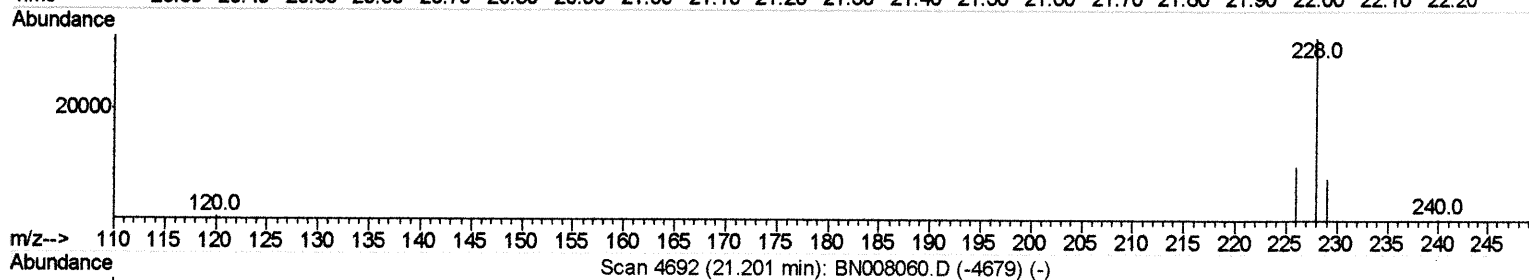
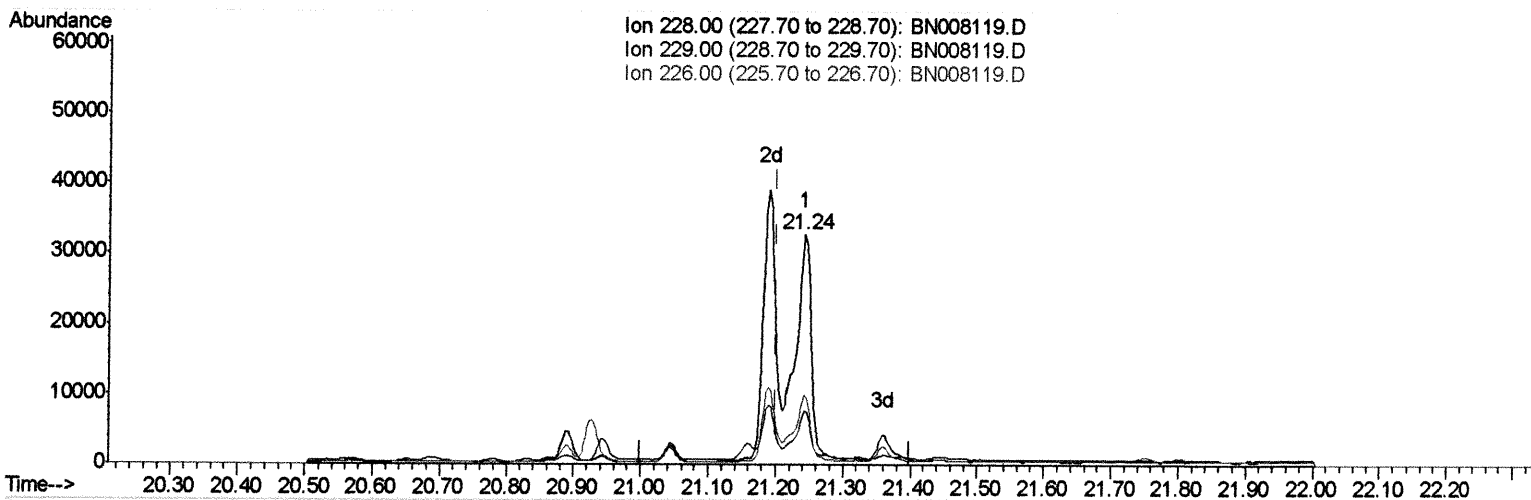
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008119.D
 Acq On : 12 Oct 2019 18:56
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:14:58 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene
 21.242min (+0.041) 0.67ng/ul
 response 52925

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	23.39
226.00	26.70	30.20
0.00	0.00	0.00

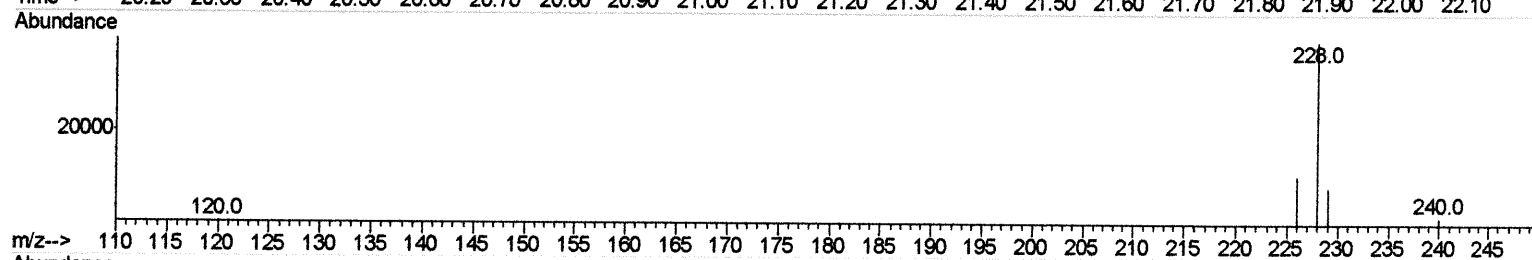
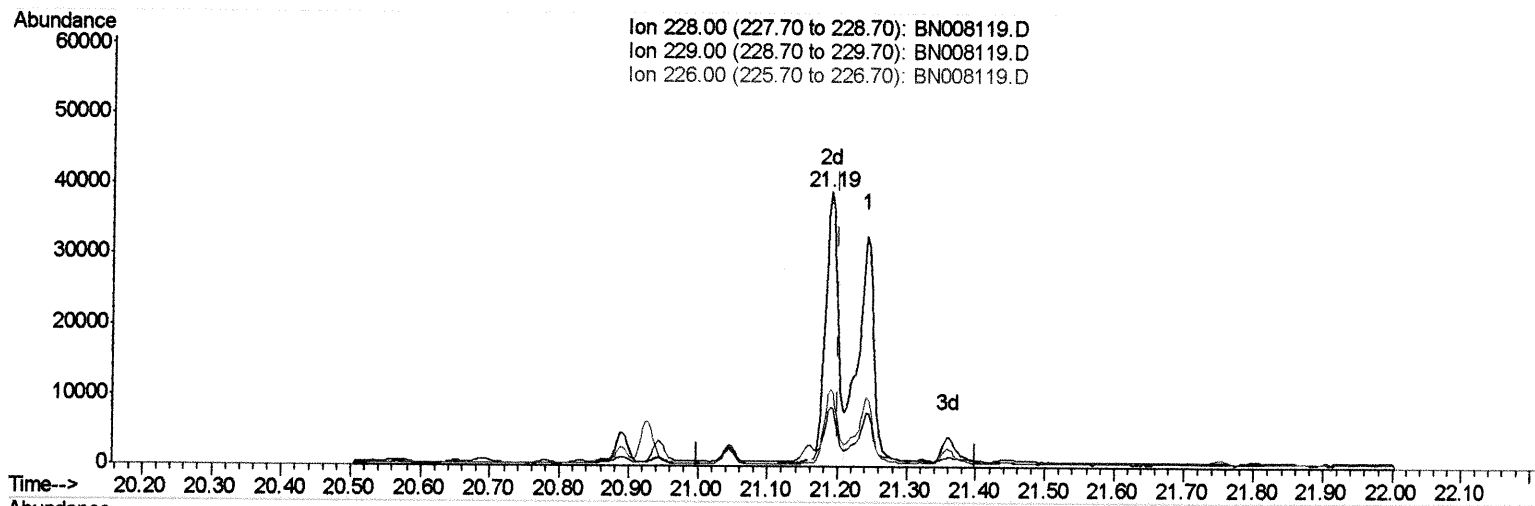
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

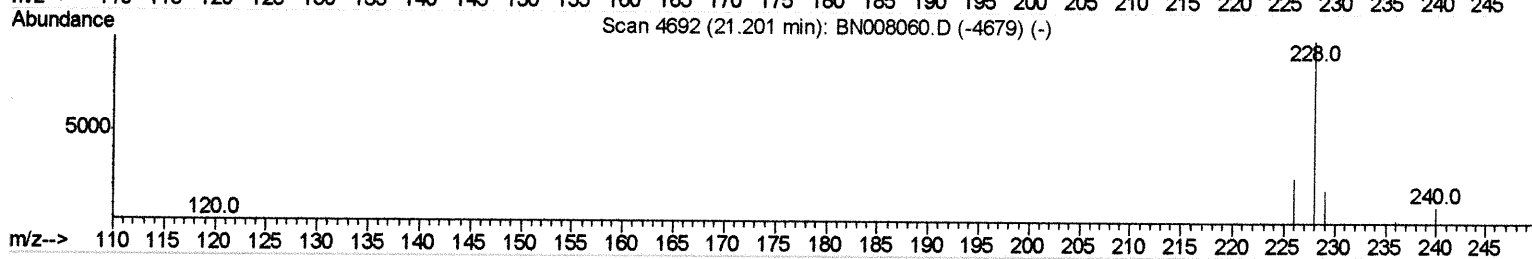
Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:14:58 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



Scan 4692 (21.201 min): BN008060.D (-4679) (-)



TIC: BN008119.D

(18) Benzo(a)anthracene

21.189min (-0.012) 0.59ng/ul m *JU 10/16/19*

response 47123

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.84
226.00	26.70	28.19
0.00	0.00	0.00

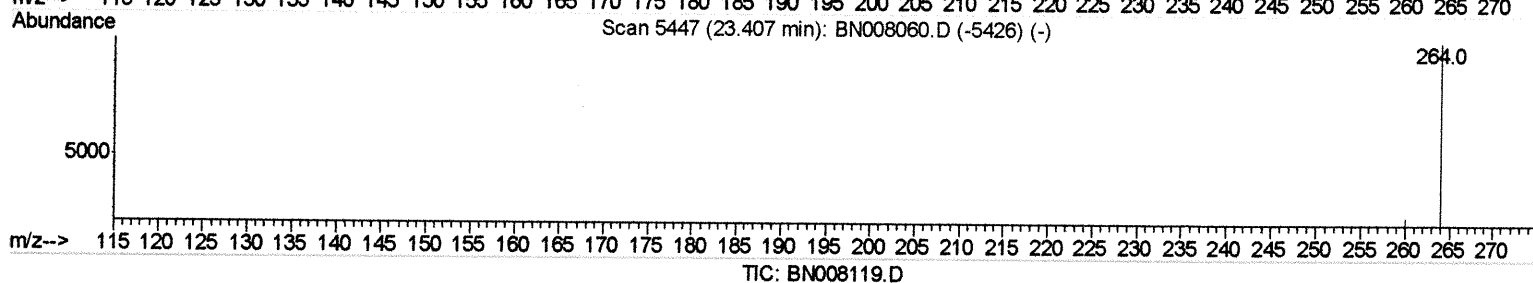
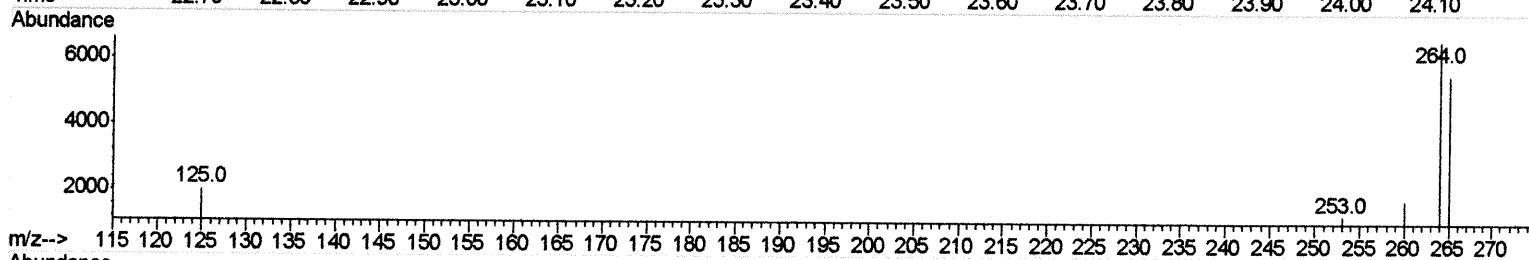
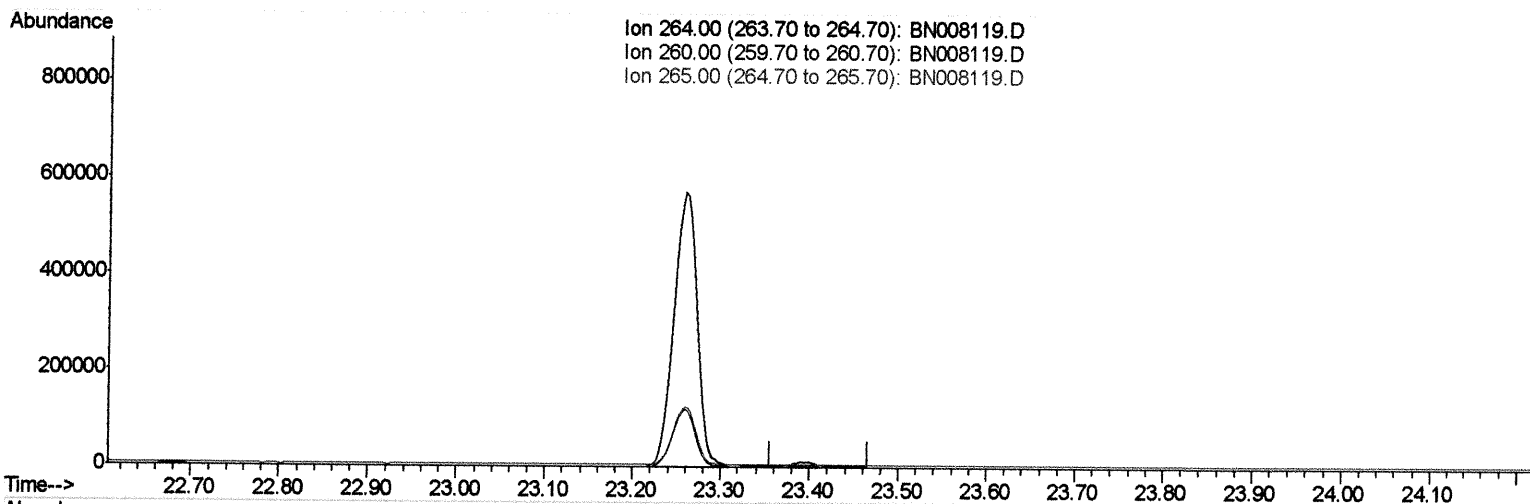
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

Manual Integrations
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Quant Time: Oct 13 04:14:58 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.407min (-23.407) 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

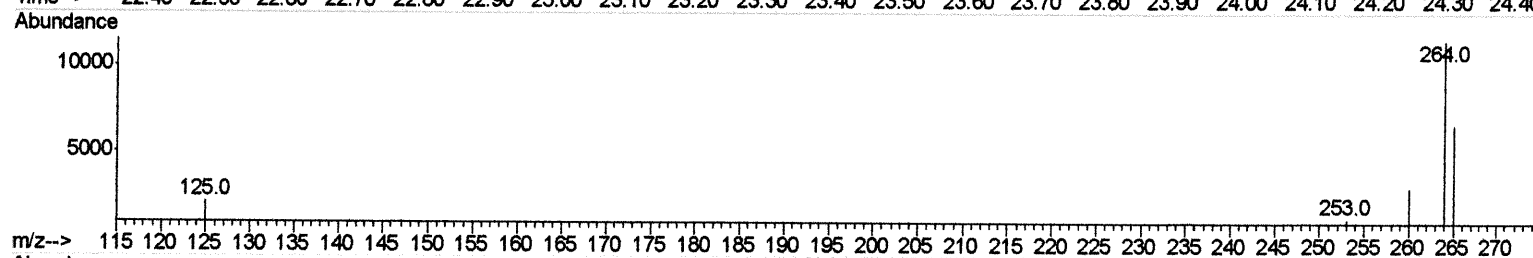
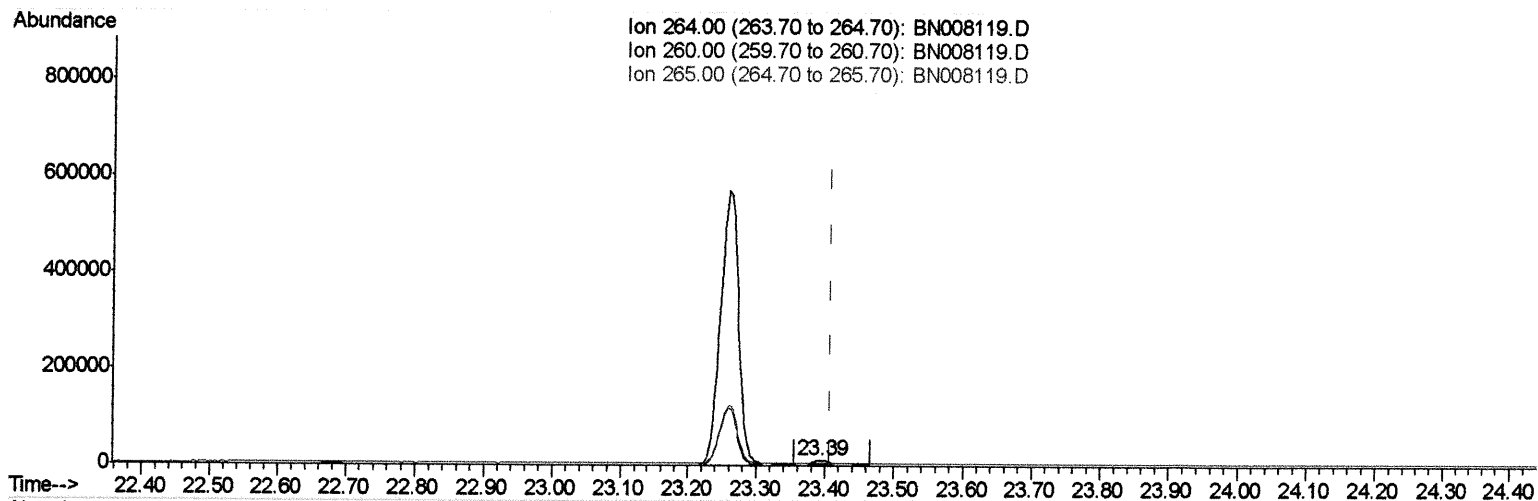
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

Manual Integrations
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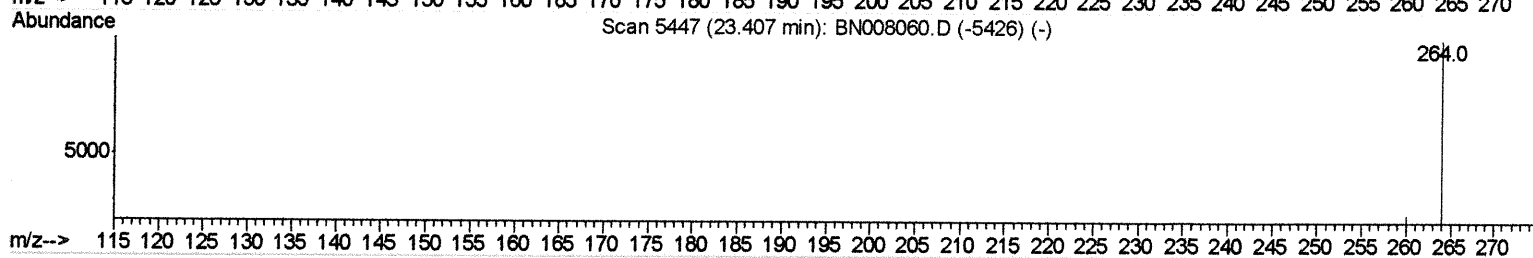
mohammad
10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:14:58 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



Scan 5447 (23.407 min): BN008060.D (-5426) (-)

264.0



TIC: BN008119.D

(20) Perylene-d12 (I)

23.393min (-0.014) 0.40ng/ul m 24/10/16/19

response 16514

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.25
265.00	74.00	57.22#
0.00	0.00	0.00

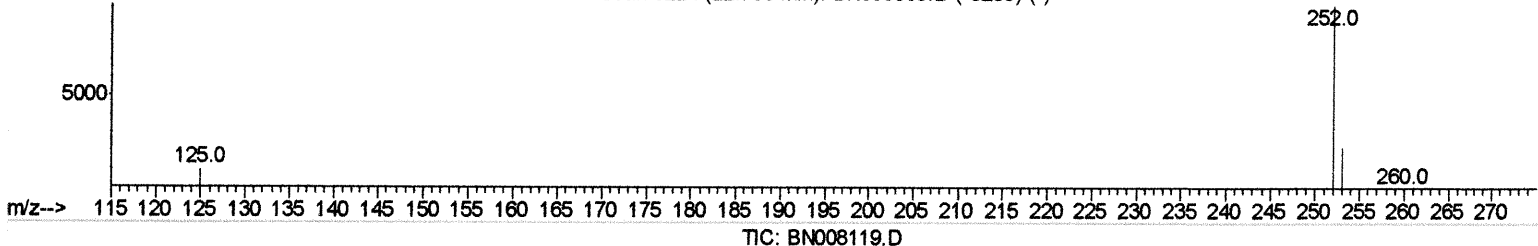
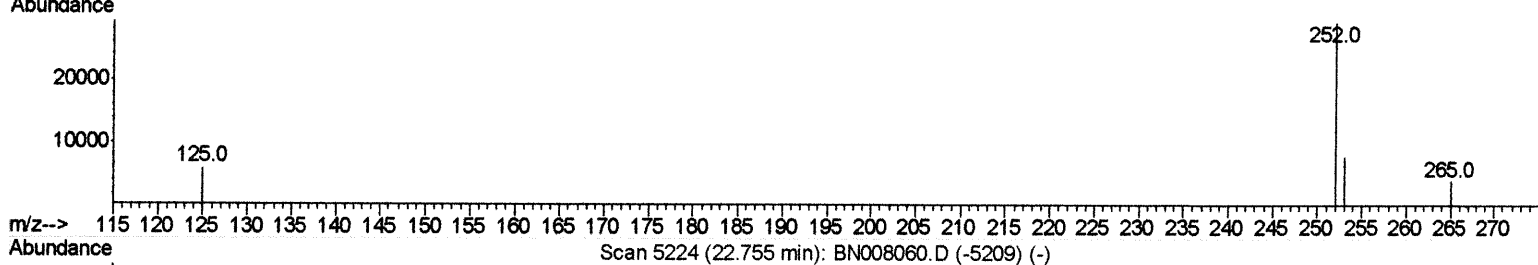
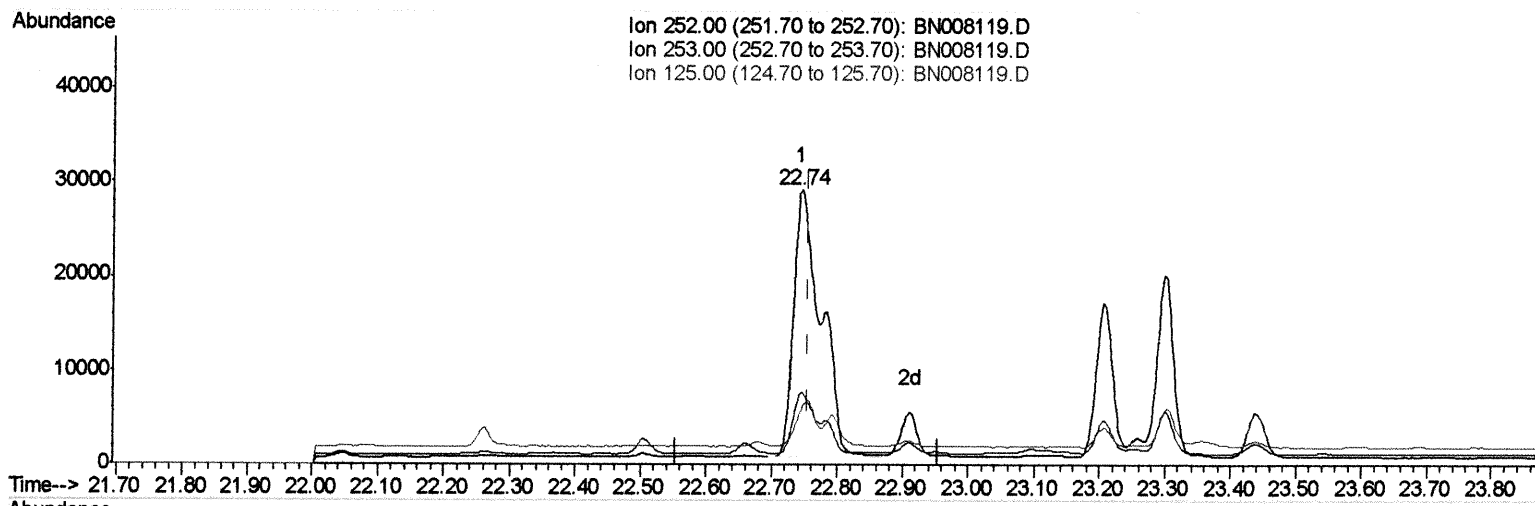
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

Manual Integrations
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Quant Time: Oct 13 04:15:53 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.744min (-0.012) 1.54ng/ul

response 82713

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.60
125.00	16.20	20.18
0.00	0.00	0.00

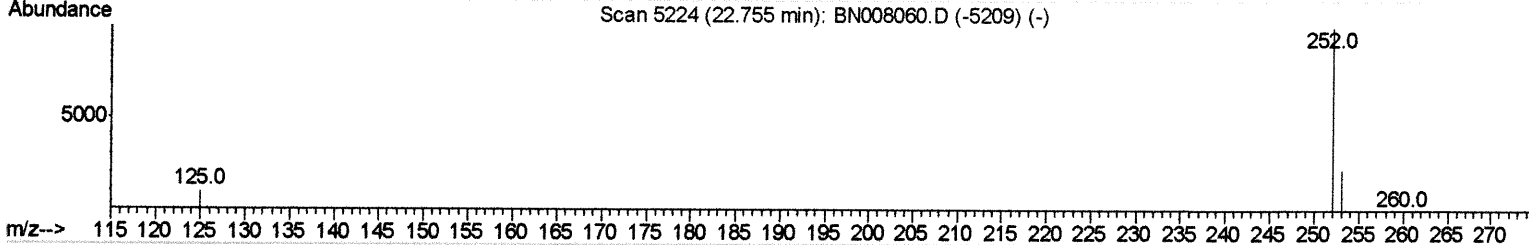
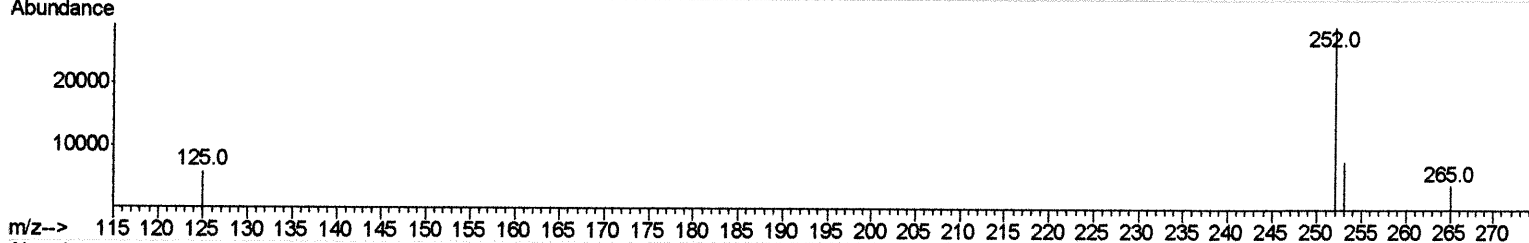
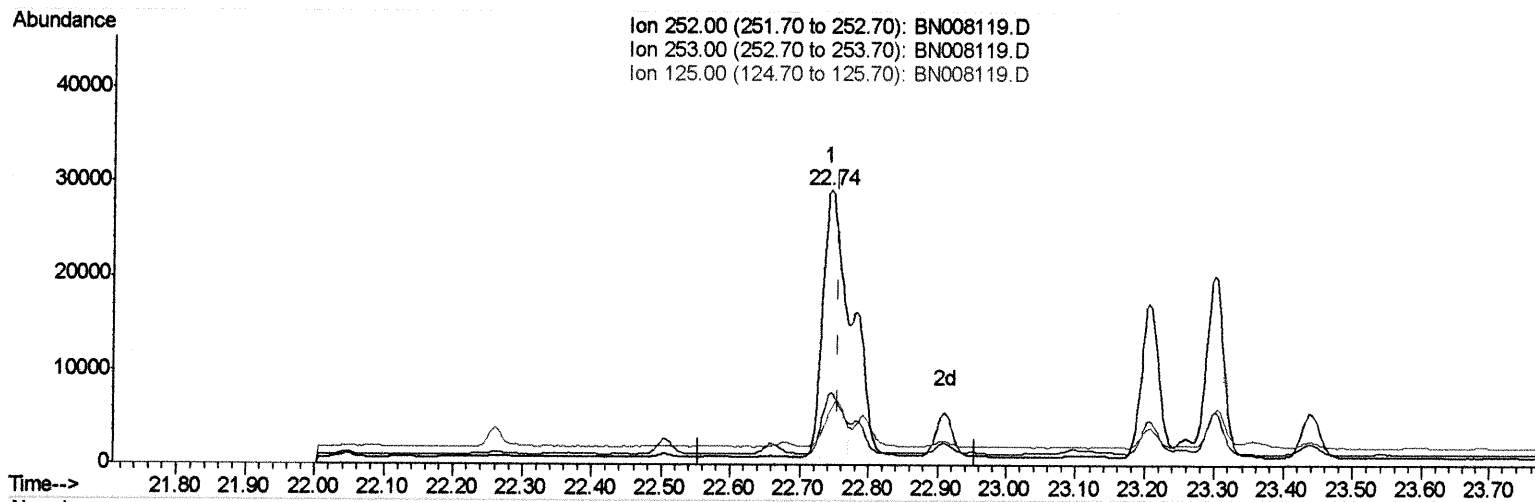
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

Manual Integrations
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Quant Time: Oct 13 04:15:53 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



TIC: BN008119.D

(21) Benzo(b)fluoranthene

22.744min (-0.012) 1.11ng/ul m *M 10/16/19*

response 59493

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.60
125.00	16.20	20.18
0.00	0.00	0.00

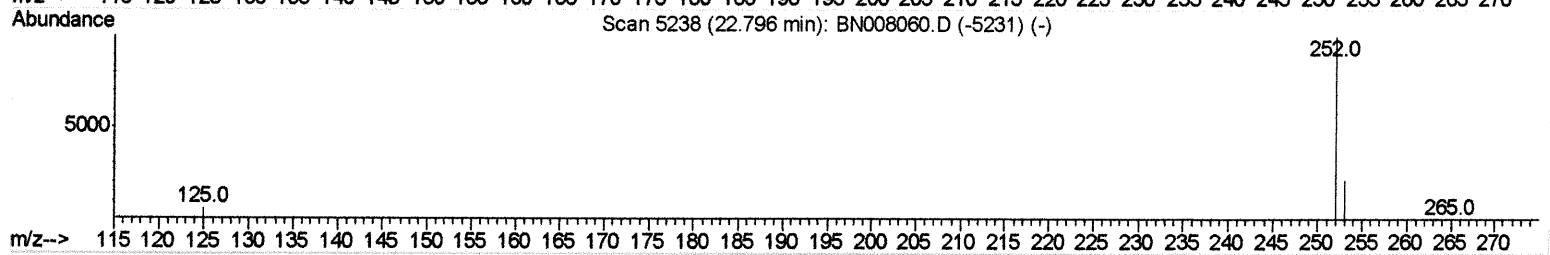
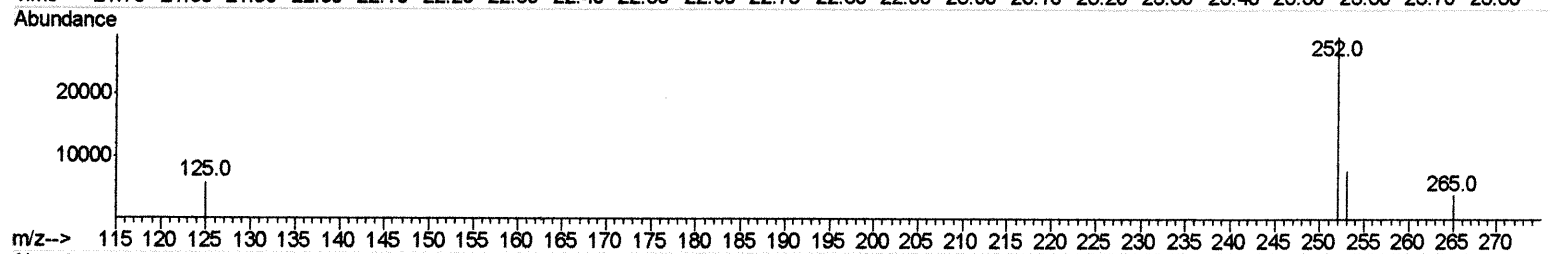
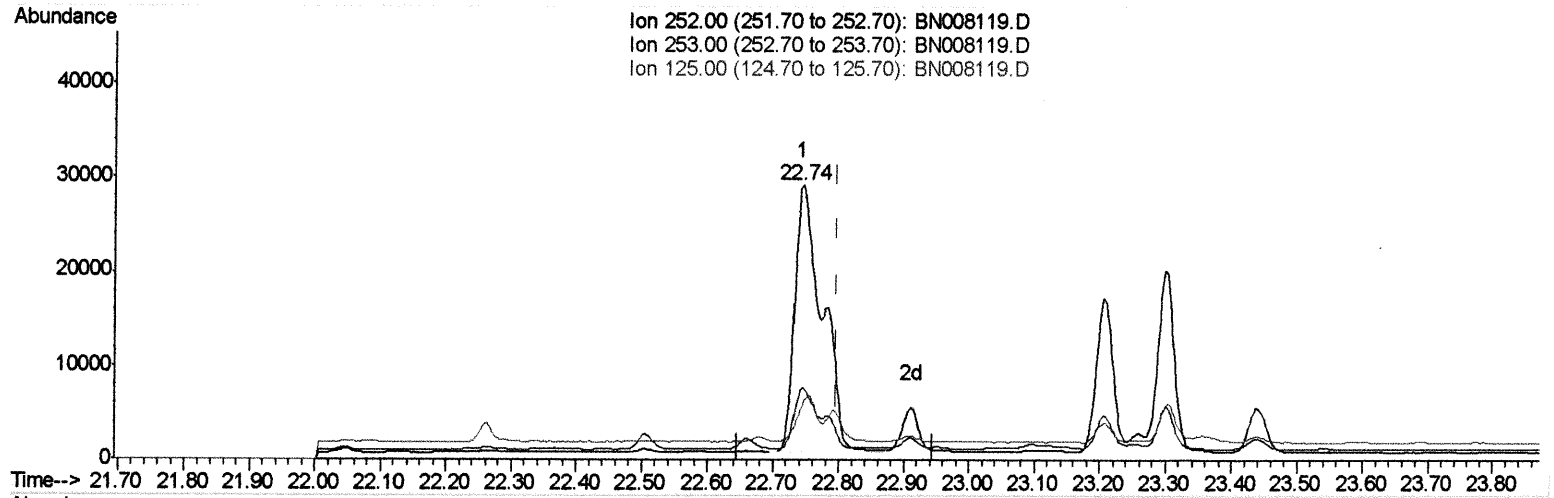
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008119.D
Acq On : 12 Oct 2019 18:56
Operator : JU
Sample : K5178-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD3

Manual Integrations
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Quant Time: Oct 13 04:15:53 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



TIC: BN008119.D

(22) Benzo(k)fluoranthene

22.744min (-0.052) 1.36ng/ul

response 82713

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.60
125.00	15.40	20.18#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\

Data File : BN008119.D

Acq On : 12 Oct 2019 18:56

Operator : JU

Sample : K5178-12

Misc :

ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

BEPD3

Manual Integrations
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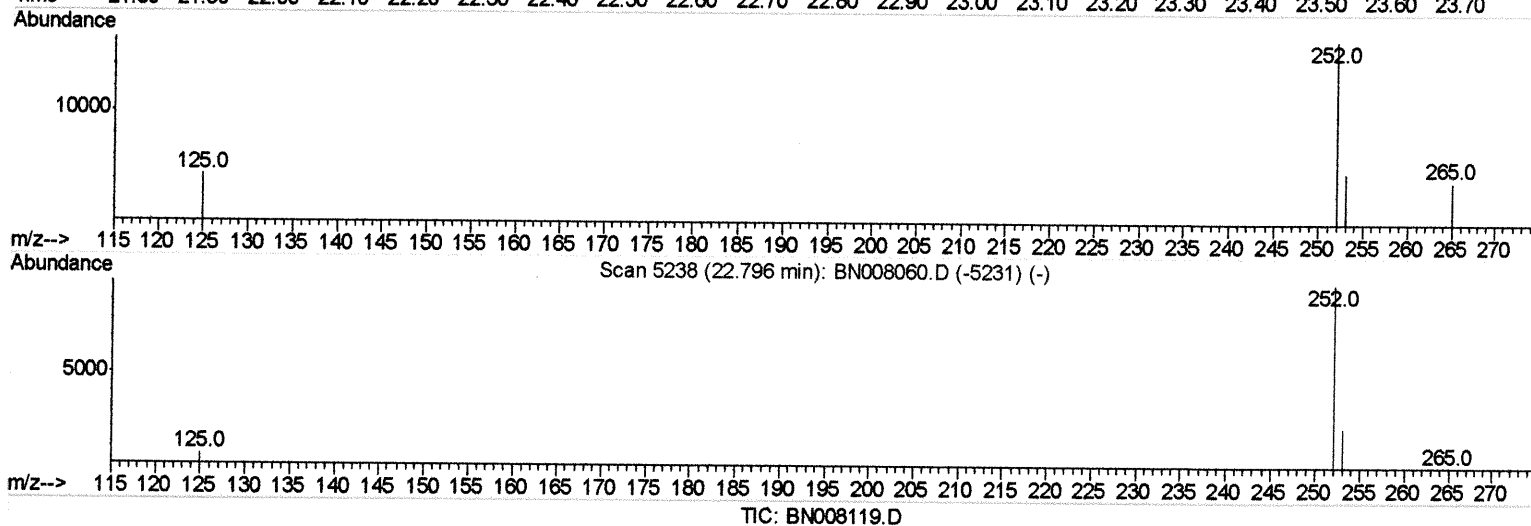
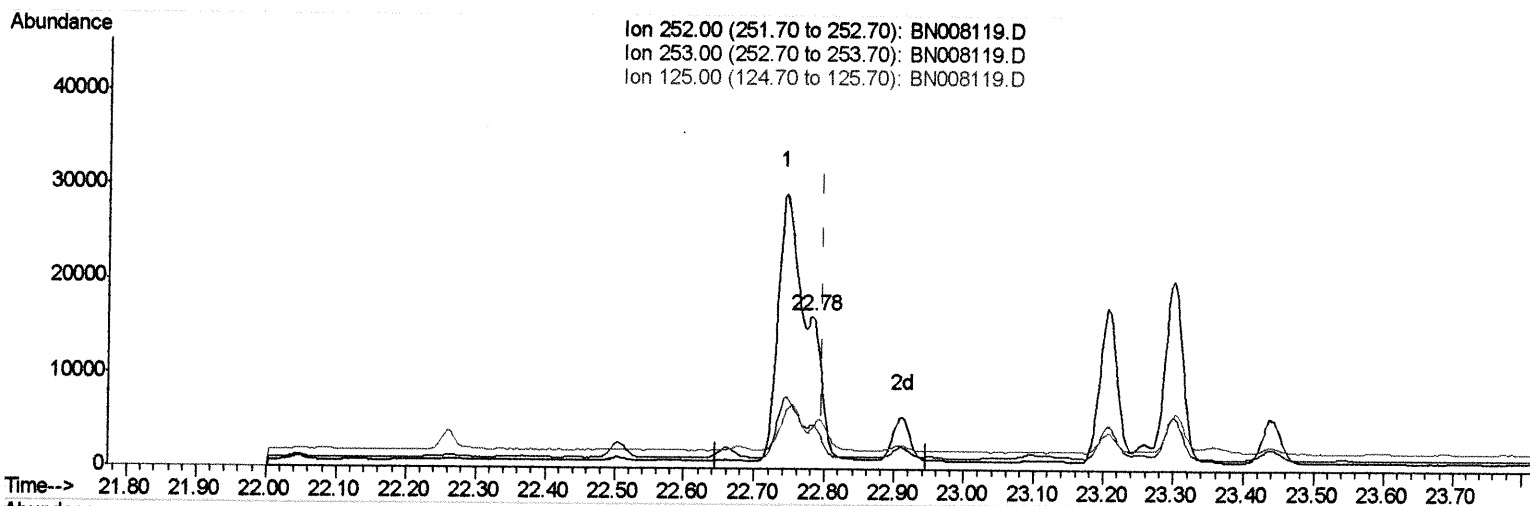
Quant Time: Oct 13 04:15:53 2019

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 11 19:05:54 2019

Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.782min (-0.014) 0.33ng/ul m *22 10/16/19*

response 19833

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.97
125.00	15.40	26.96#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008119.D
 Acq On : 12 Oct 2019 18:56
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD3

Manual Integrations
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 10/15/2019 7:59:09 AM

Quant Time: Oct 13 04:16:42 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3116	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	14798	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	9426	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	21916m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	21829m	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	16514m	0.40	ng/ul	-0.01

JU 10/16/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.99	152	5137	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	17097m	0.23	ng/ul	0.00

JU 10/16/19

Target Compounds

					Ovalue
3) Naphthalene	10.44	128	1366	0.032	ng/ul# 83
5) 2-Methylnaphthalene	12.07	142	800	0.028	ng/ul 99
7) Acenaphthylene	13.98	152	3560	0.079	ng/ul# 93
8) Acenaphthene	14.32	153	1329	0.038	ng/ul 95
9) Fluorene	15.31	166	2579	0.065	ng/ul# 96
12) Phenanthrene	17.05	178	40686m	0.634	ng/ul
13) Anthracene	17.14	178	9406m	0.167	ng/ul
15) Fluoranthene	19.07	202	86281m	1.018	ng/ul
17) Pyrene	19.44	202	77680	0.894	ng/ul 99
18) Benzo(a)anthracene	21.19	228	47123m	0.594	ng/ul > 97
19) Chrysene	21.24	228	51795	0.532	ng/ul 97
21) Benzo(b)fluoranthene	22.74	252	59493m	1.107	ng/ul
22) Benzo(k)fluoranthene	22.78	252	19833m	0.326	ng/ul
23) Benzo(a)pyrene	23.30	252	34099	0.603	ng/ul# 95
24) Indeno(1,2,3-cd)pyrene	25.57	276	18452	0.277	ng/ul# 95
25) Dibenzo(a,h)anthracene	25.57	278	4819	0.091	ng/ul# 49
26) Benzo(a,h,i)perylene	26.23	276	19775	0.324	ng/ul# 92

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JU 10/16/19

JU 10/16/19

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