

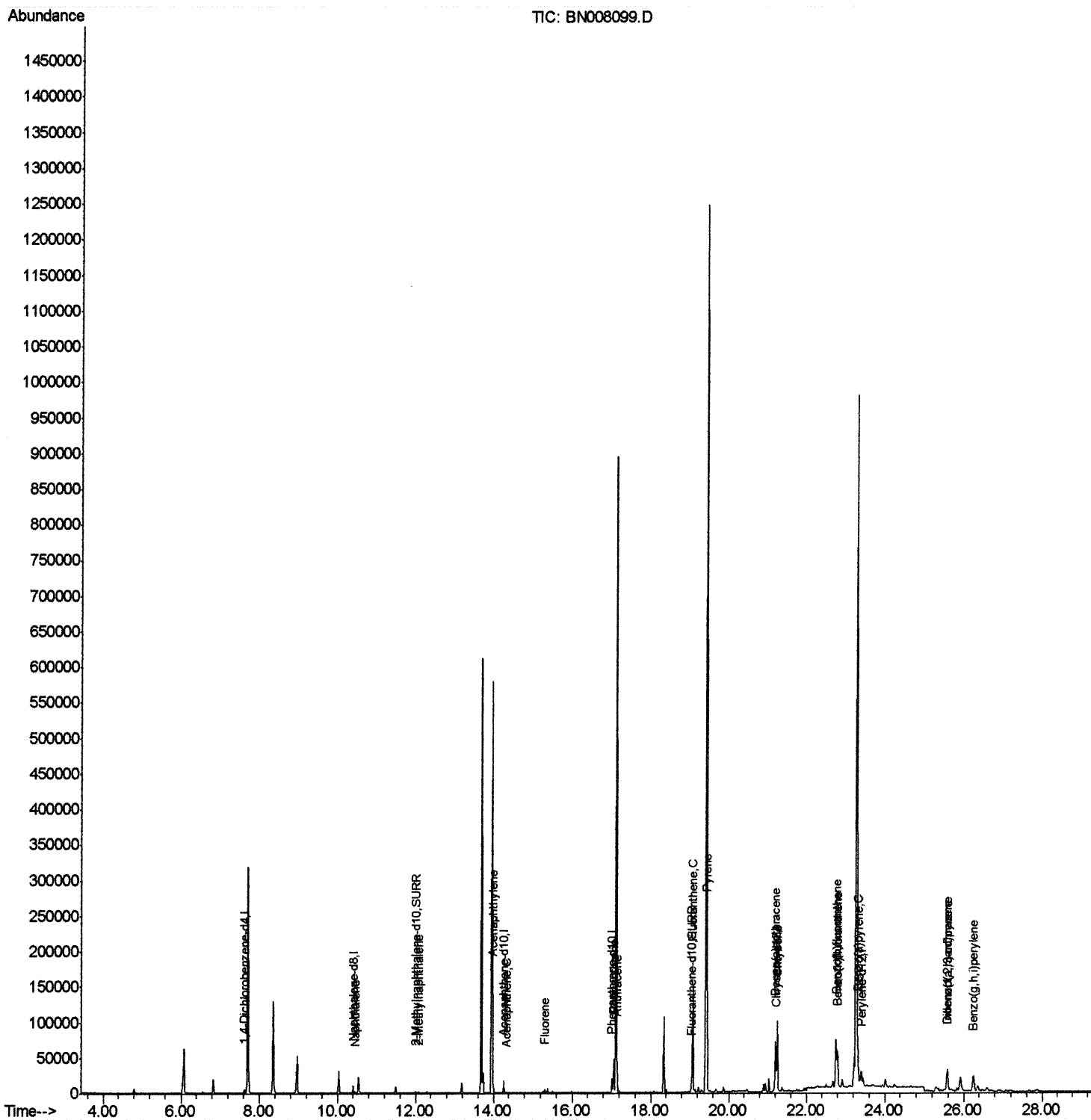
```
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\  
Data File : BN008099.D  
Acq On    : 12 Oct 2019   05:13  
Operator  : JU  
Sample    : K5124-19  
Misc      :  
ALS Vial  : 32      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
JLMA8

Manual Integrations

mohammad
10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:58:46 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)

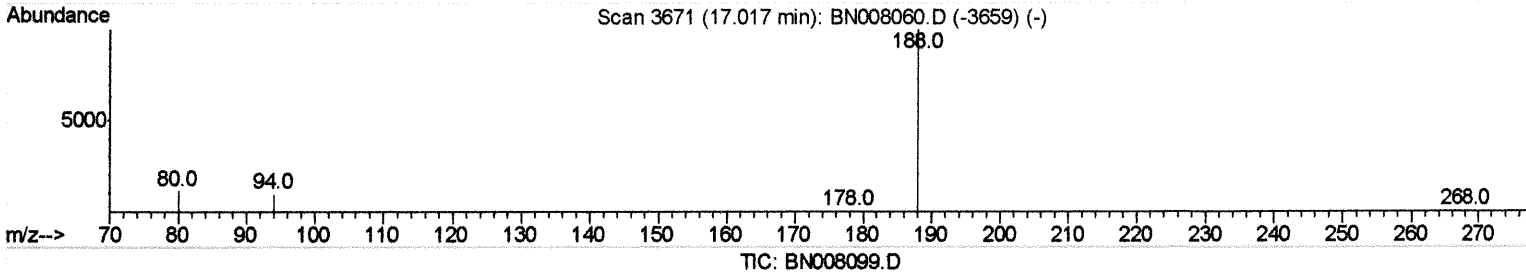
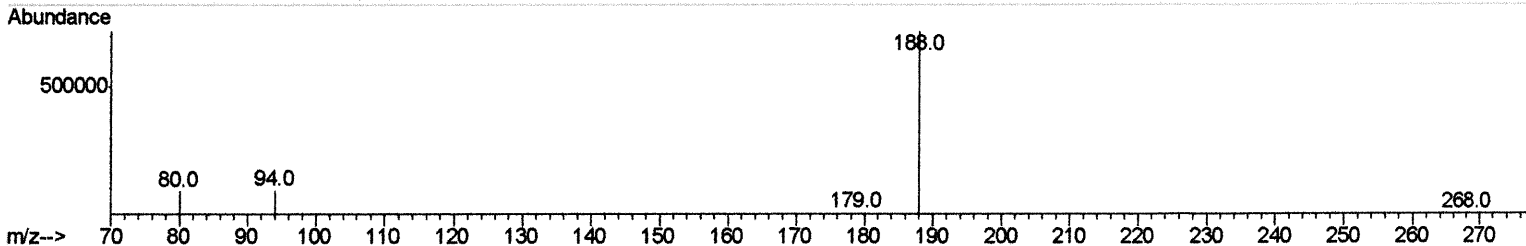
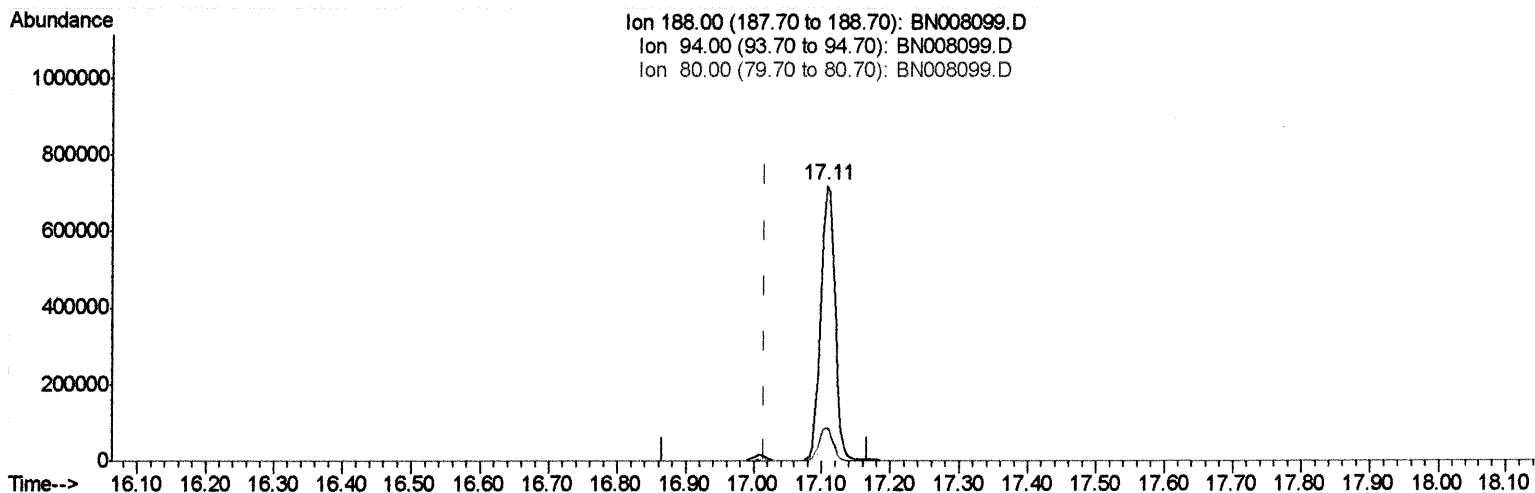
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 12 21:39:53 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



(10) Phenanthrene-d10 (I)

17.106min (+0.089) 0.40ng/ul

response 1034549

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.35
80.00	12.60	12.05
0.00	0.00	0.00

Quantitation Report (Qedit)

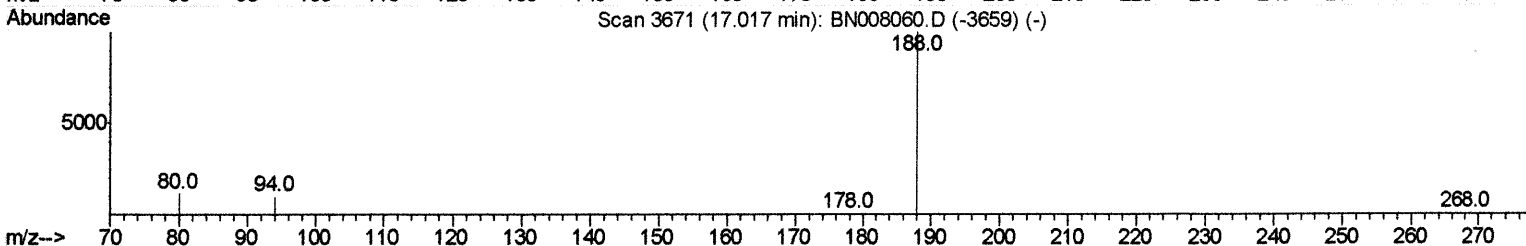
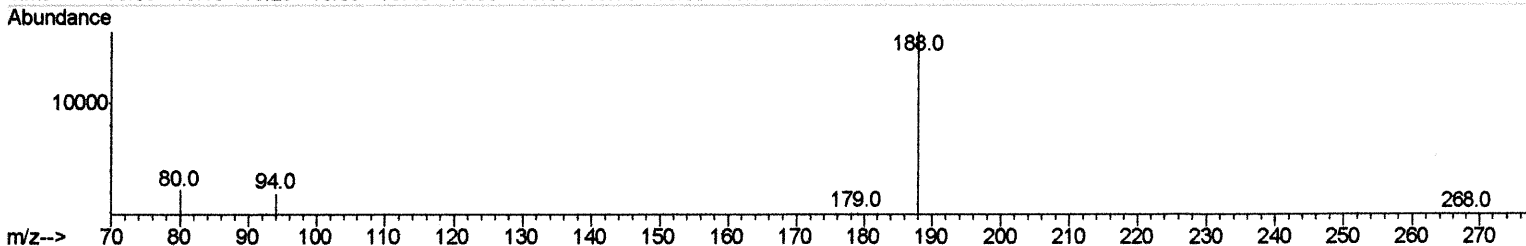
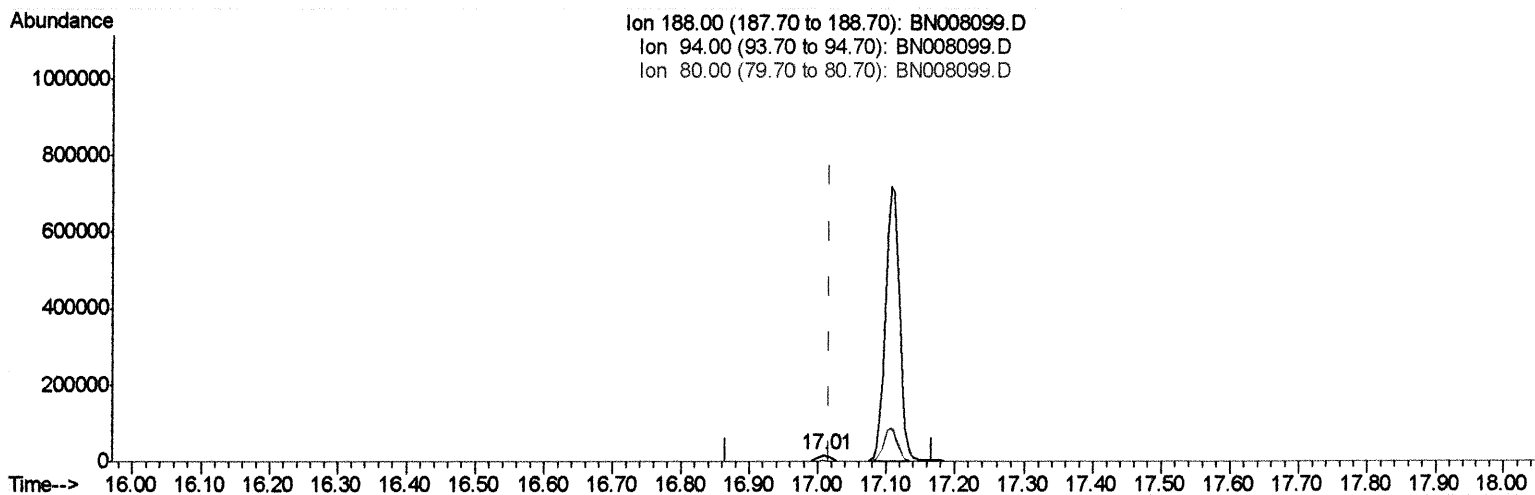
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 12 21:39:53 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: BN008099.D

(10) Phenanthrene-d10 (I)

17.009min (-0.008) 0.40ng/ul m JU 10/16/19

response 22333

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.30
80.00	12.60	13.15
0.00	0.00	0.00

Quantitation Report (Qedit)

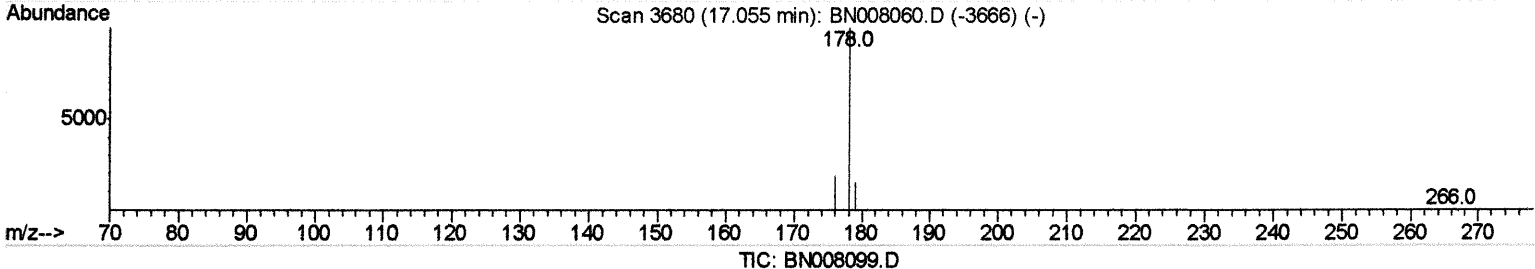
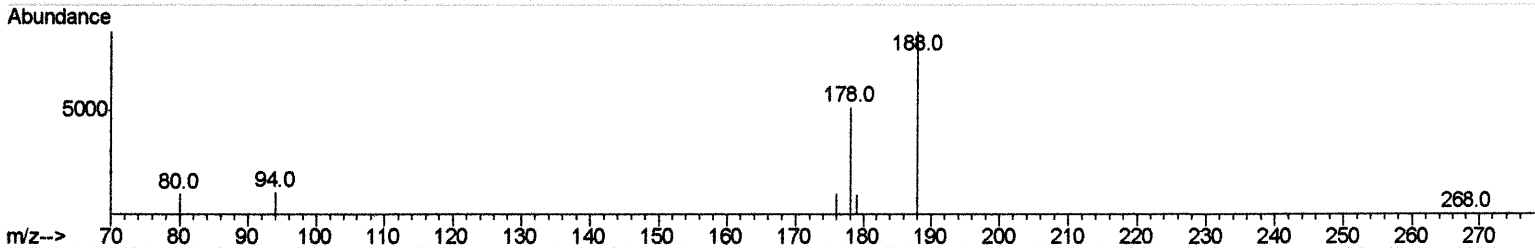
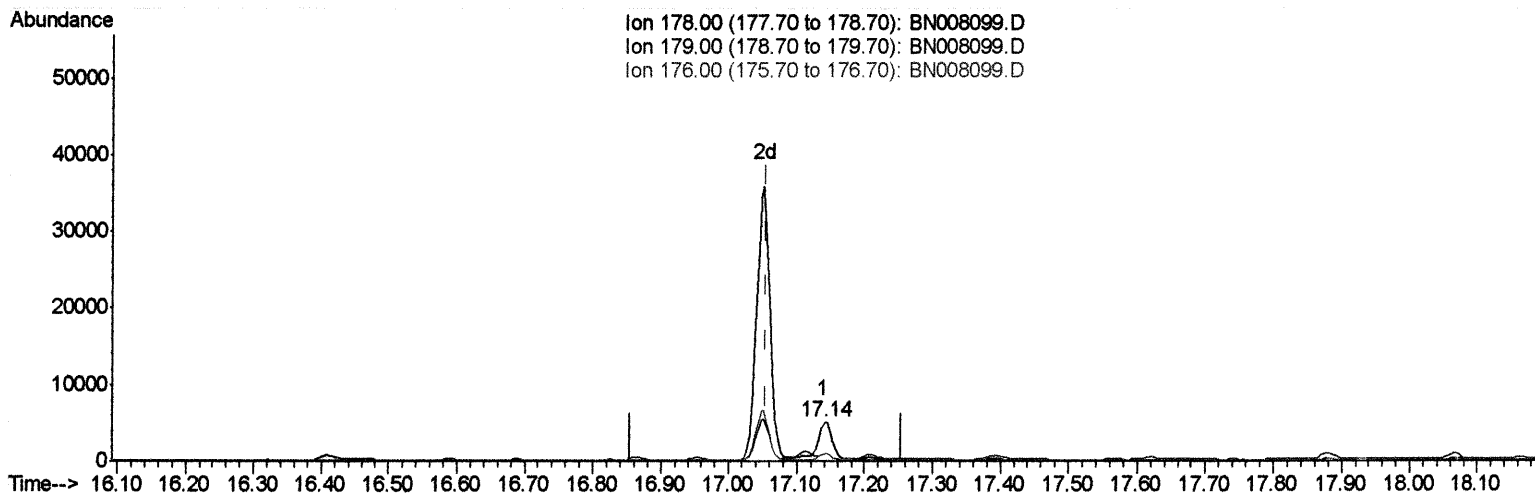
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:54:28 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

17.140min (+0.085) 0.11ng/ul

response 7205

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	19.00
176.00	19.30	19.40
0.00	0.00	0.00

Quantitation Report (Qedit)

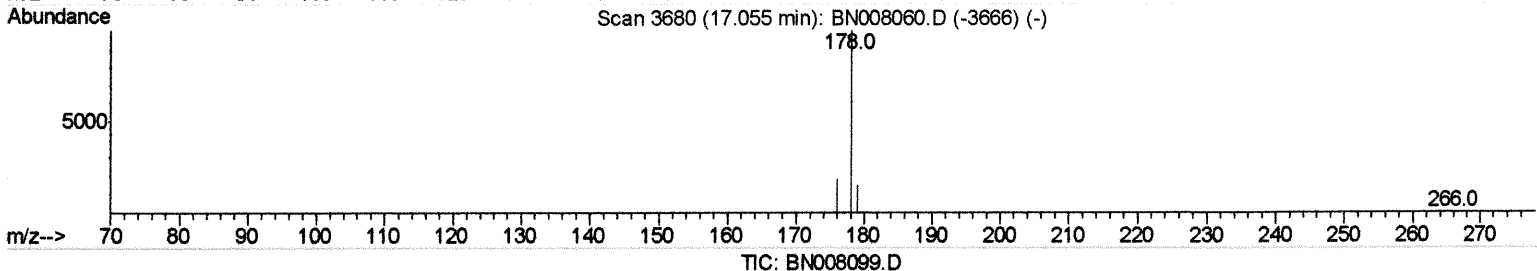
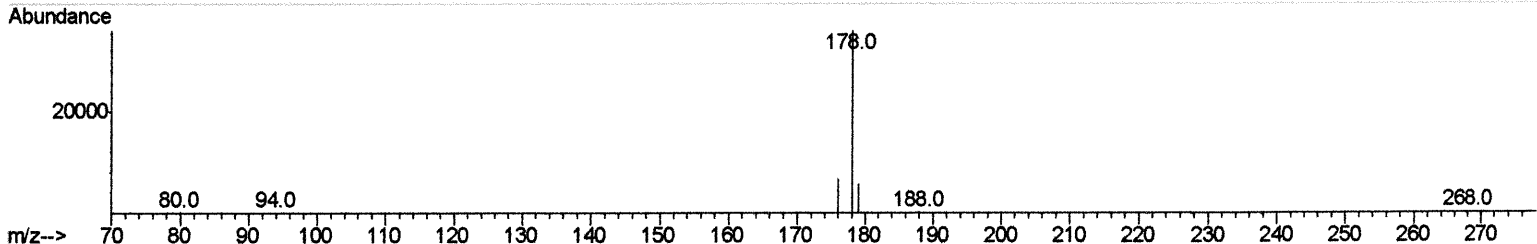
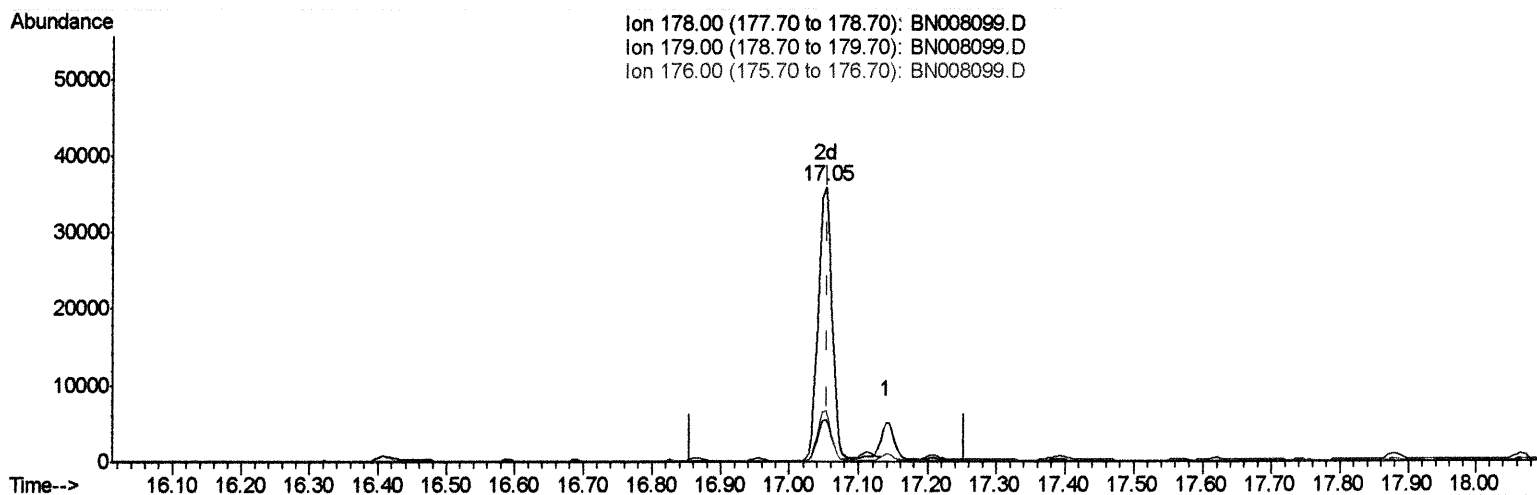
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:54:28 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

17.051min (-0.004) 0.76ng/ul m JU 10/16/19

response 49852

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.58
176.00	19.30	18.58
0.00	0.00	0.00

Quantitation Report (Qedit)

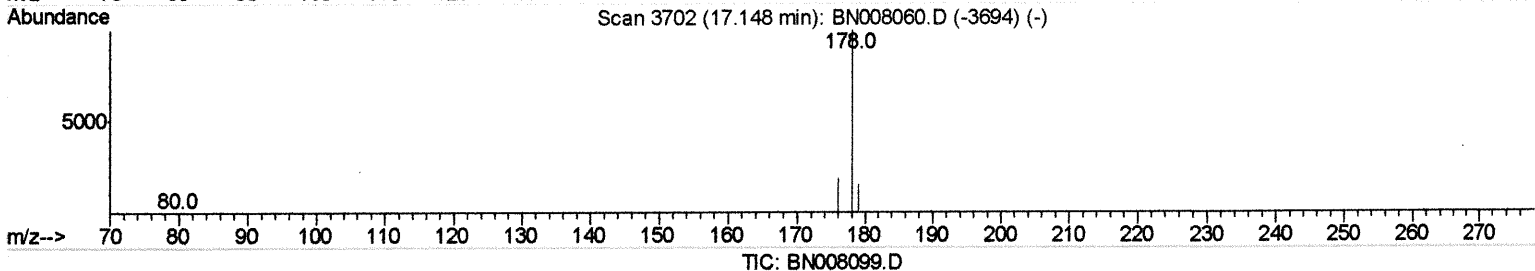
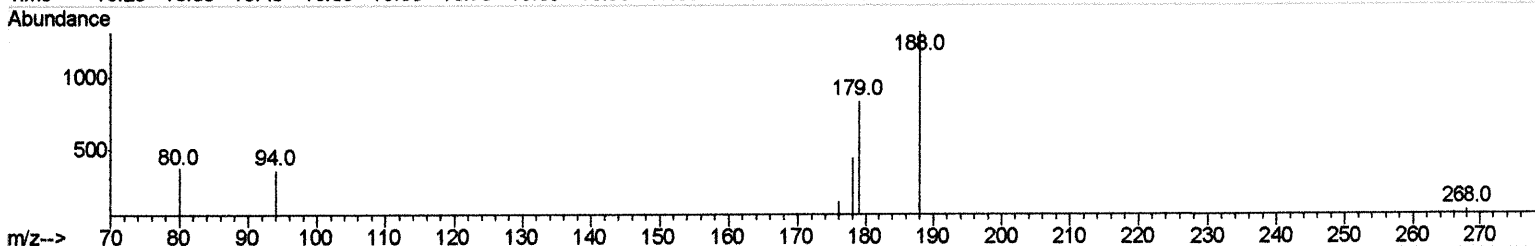
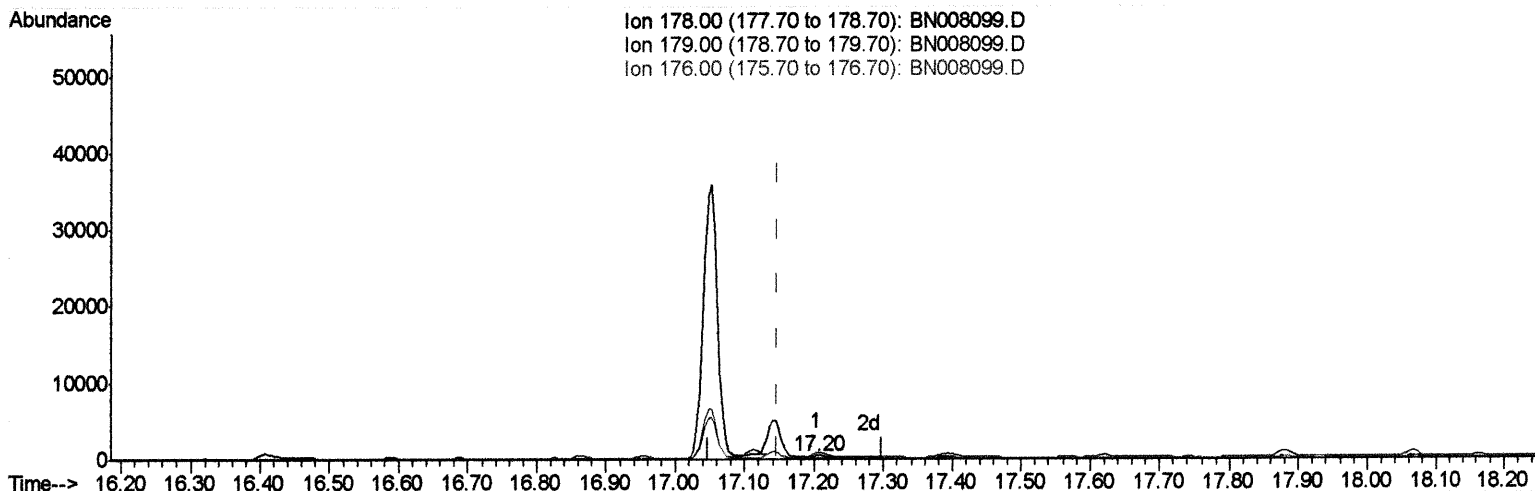
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:54:28 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

17.203min (+0.055) 0.01ng/ul

response 403

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	187.76#
176.00	18.80	32.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

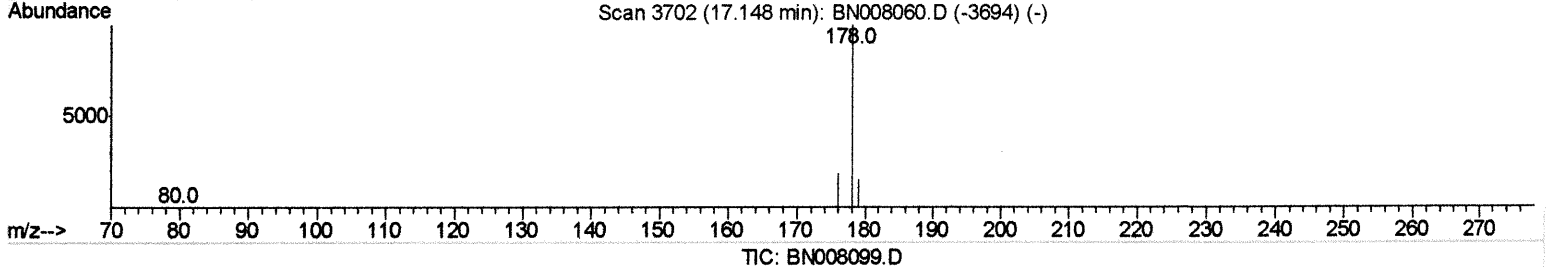
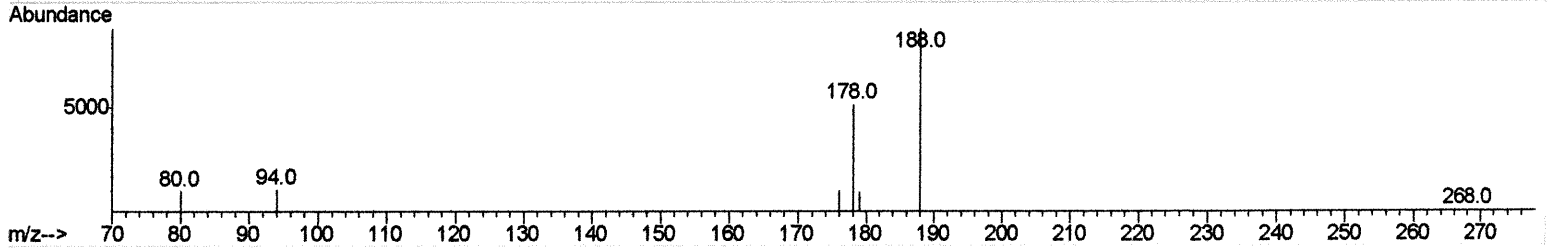
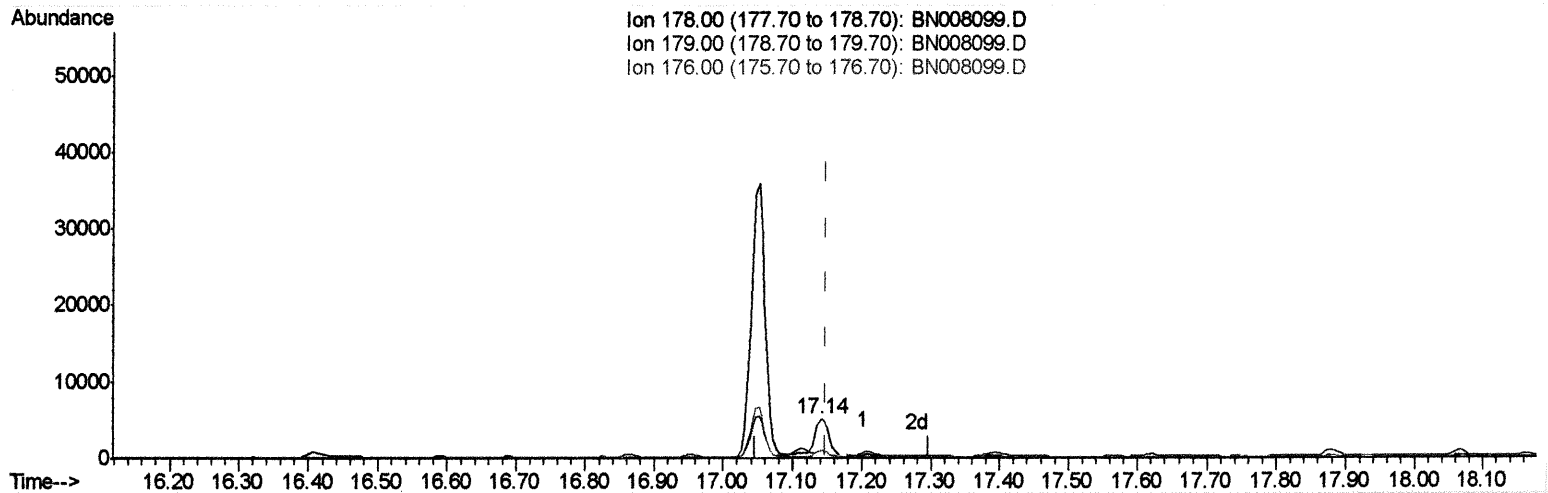
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:54:28 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

17.140min (-0.008) 0.11ng/ul m

mu 10/16/19

response 6568

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	19.00
176.00	18.80	19.40
0.00	0.00	0.00

Quantitation Report (Qedit)

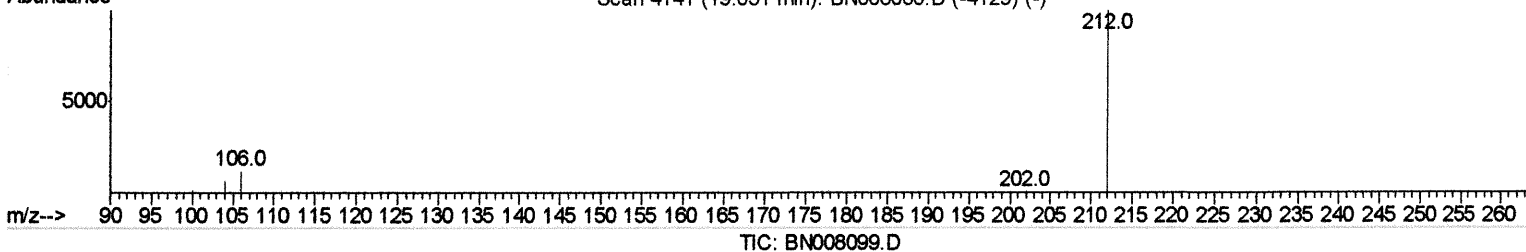
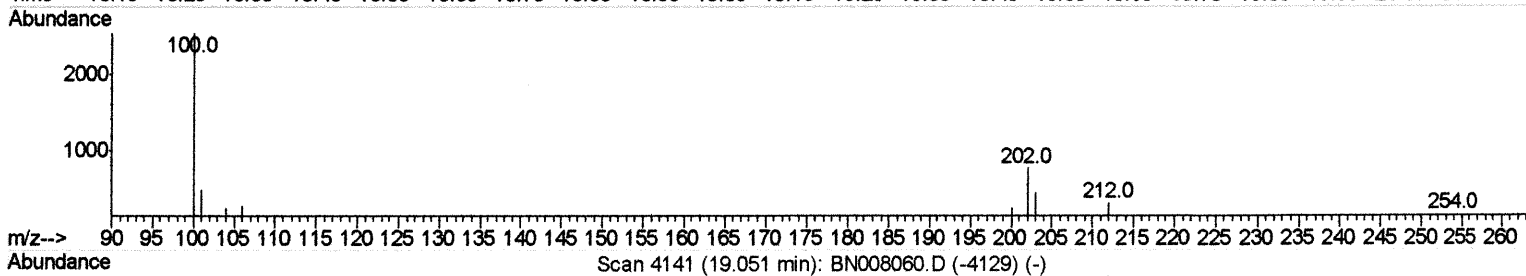
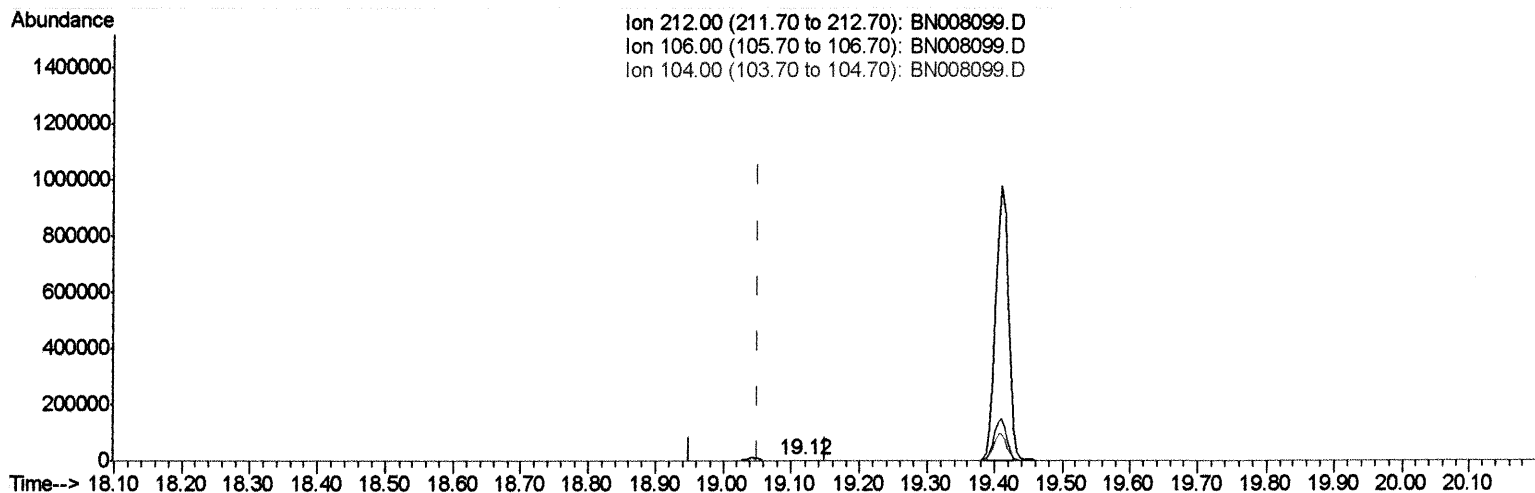
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:54:28 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)

19.117min (+0.066) 0.00ng/ul

response 371

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

Quantitation Report (Qedit)

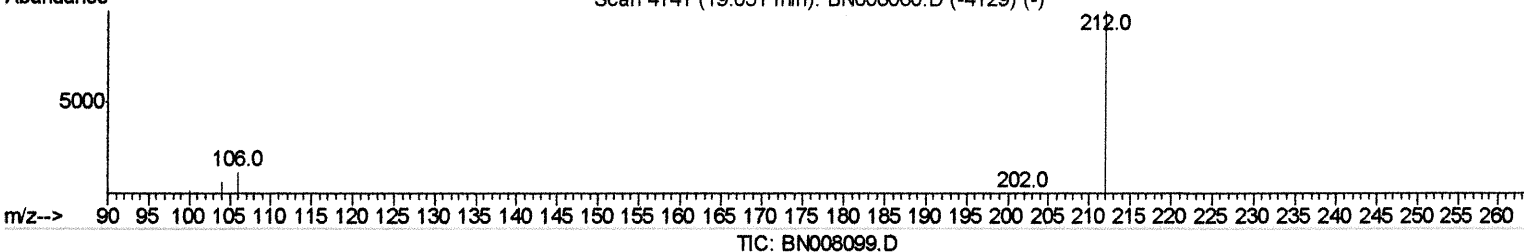
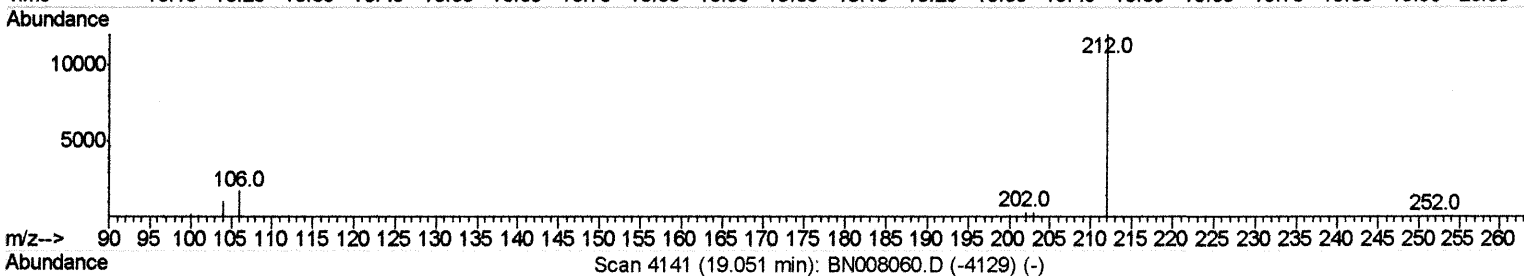
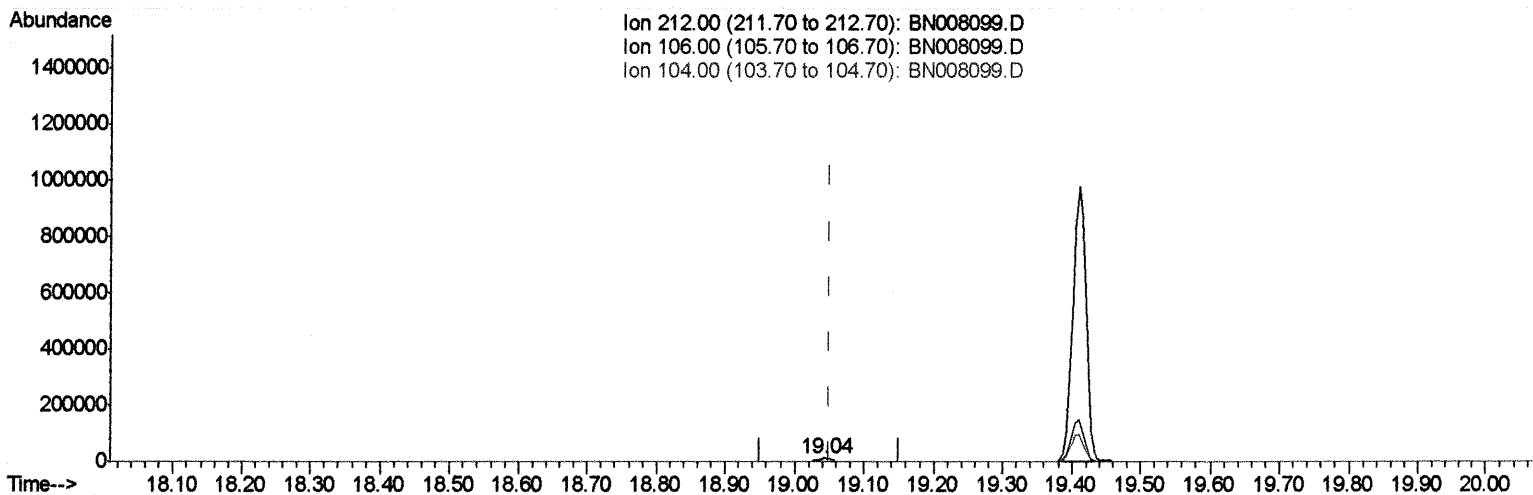
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:54:28 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) 0.20ng/ul m JU 10/16/19

response 15497

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

Quantitation Report (Qedit)

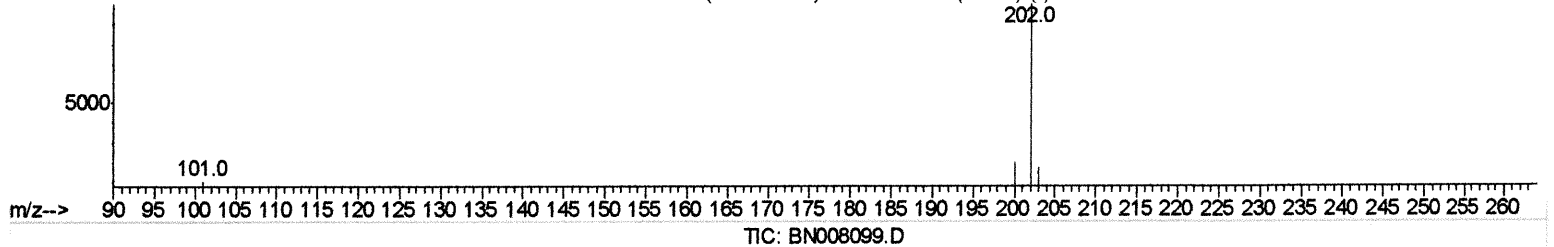
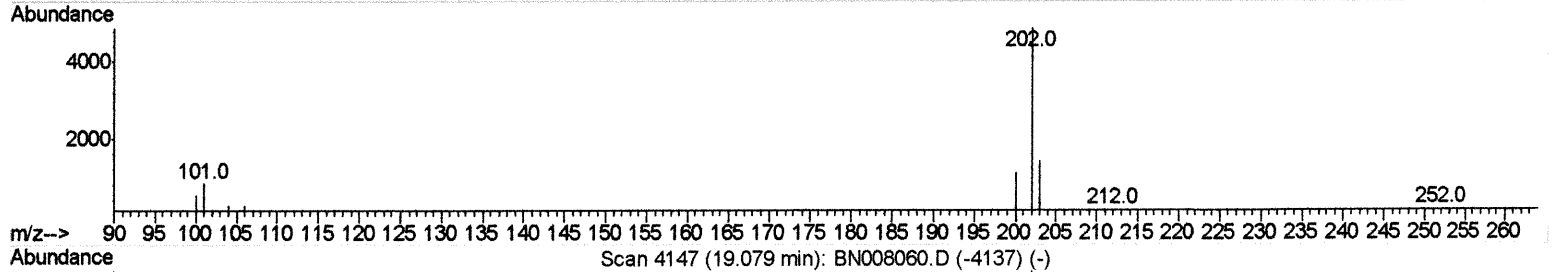
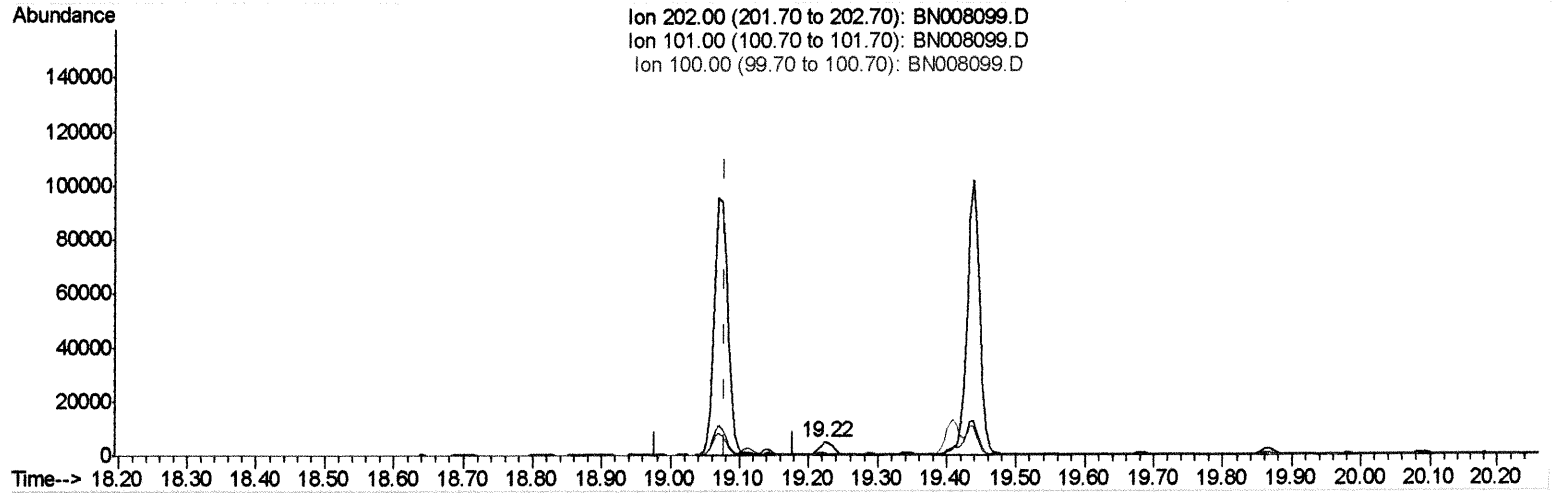
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:54:28 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)

19.224min (+0.145) 0.07ng/ul

response 6029

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	17.13
100.00	8.50	10.90
0.00	0.00	0.00

Quantitation Report (Qedit)

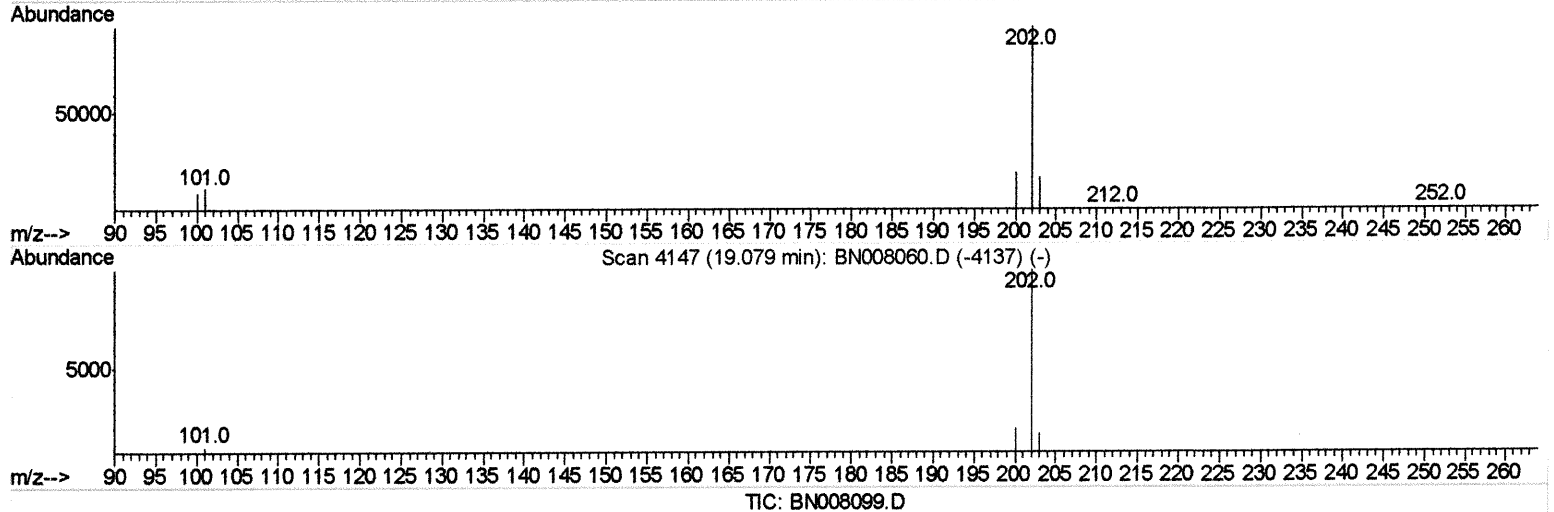
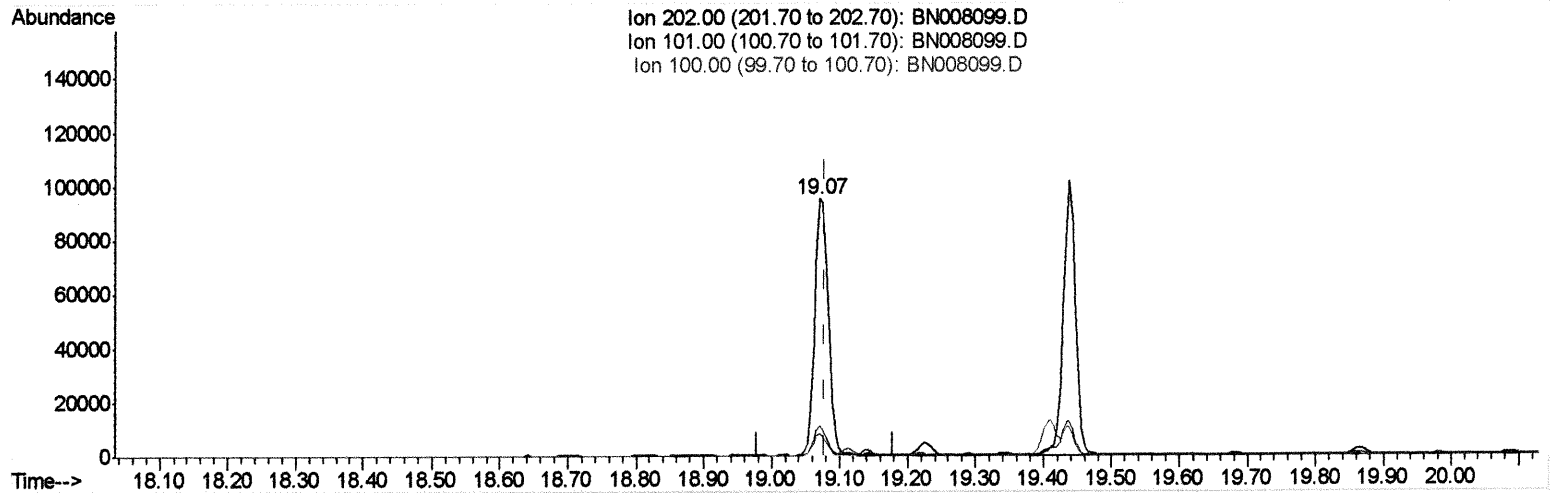
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:54:28 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)

19.070min (-0.009) 1.52ng/ul m *JU 10/16/19*

response 131074

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	11.67
100.00	8.50	8.88
0.00	0.00	0.00

Quantitation Report (Qedit)

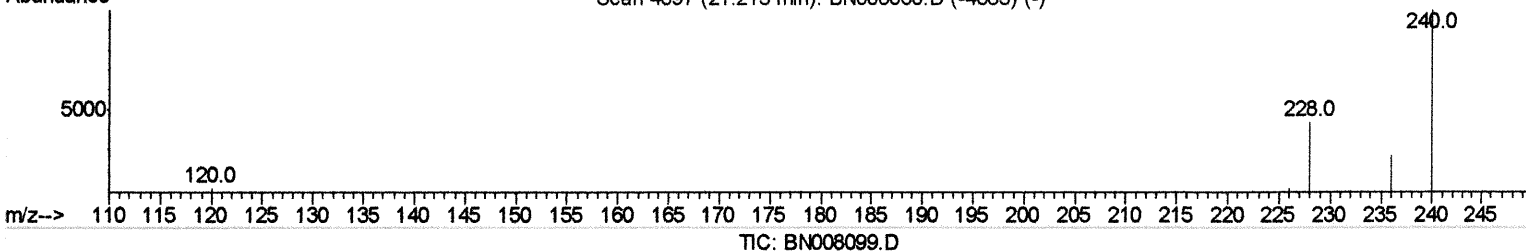
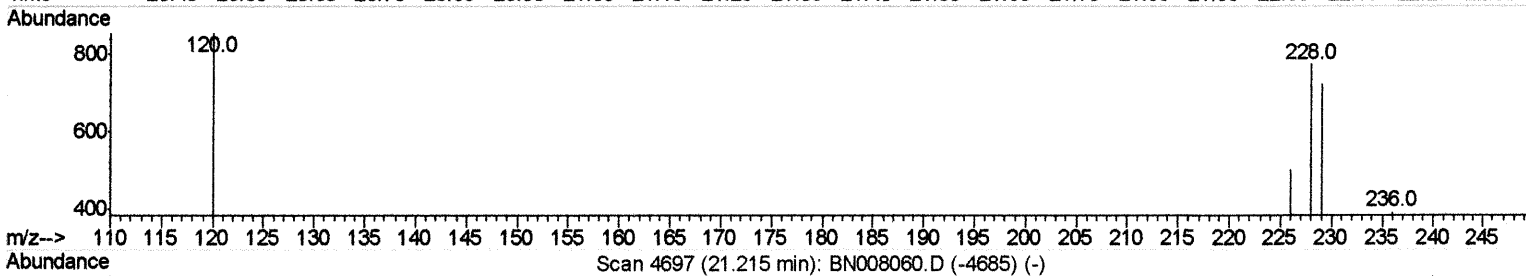
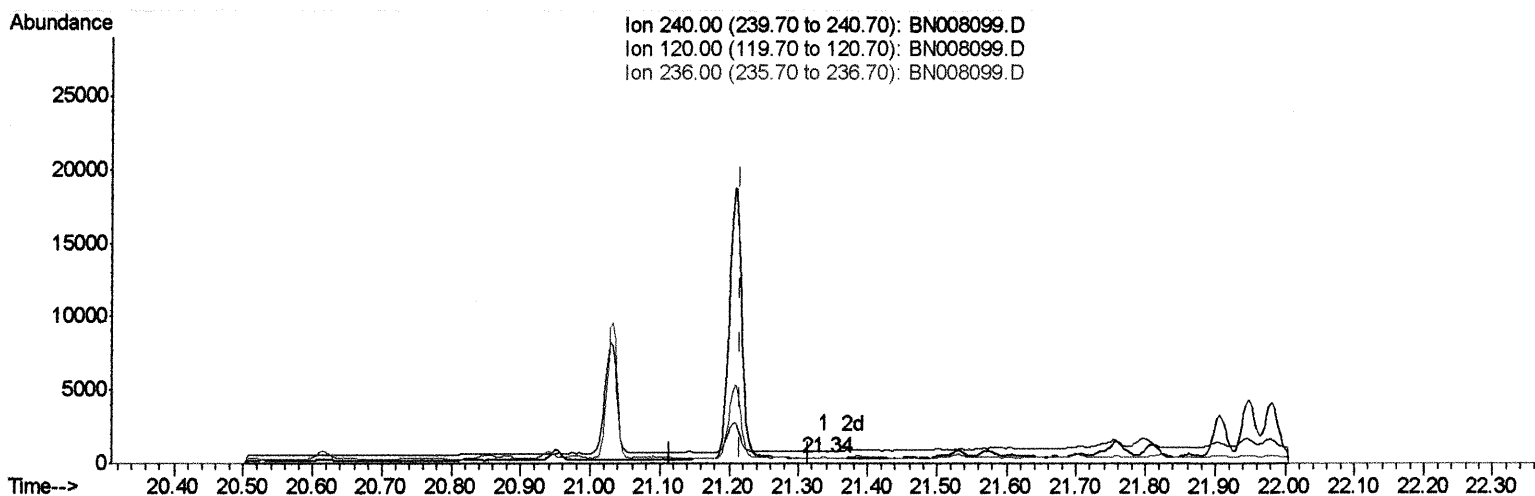
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:54:28 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)

21.339min (+0.123) 0.40ng/ul

response 85

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	223.50#
236.00	28.40	101.83#
0.00	0.00	0.00

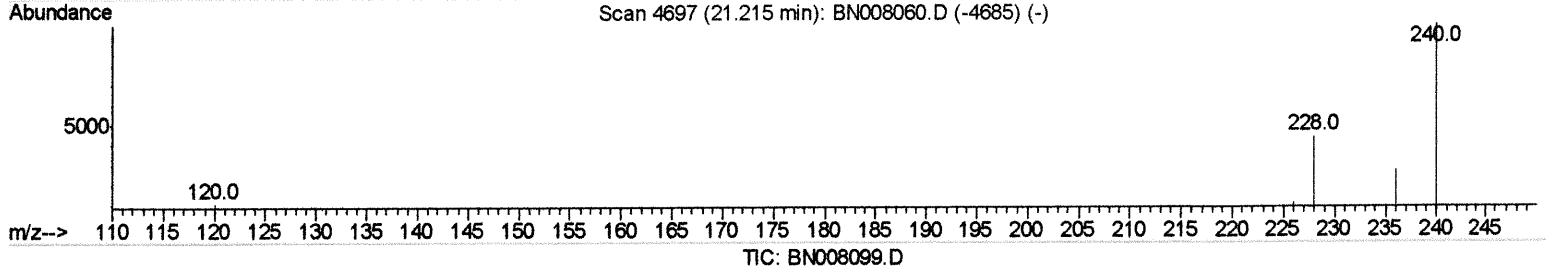
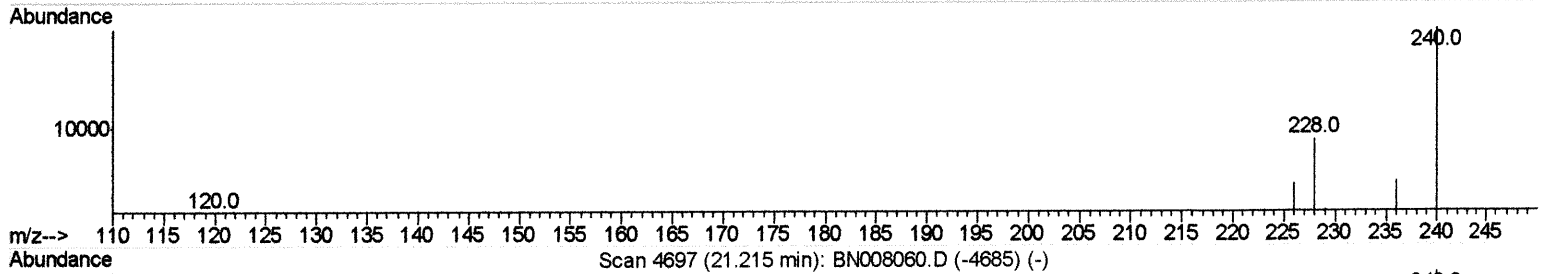
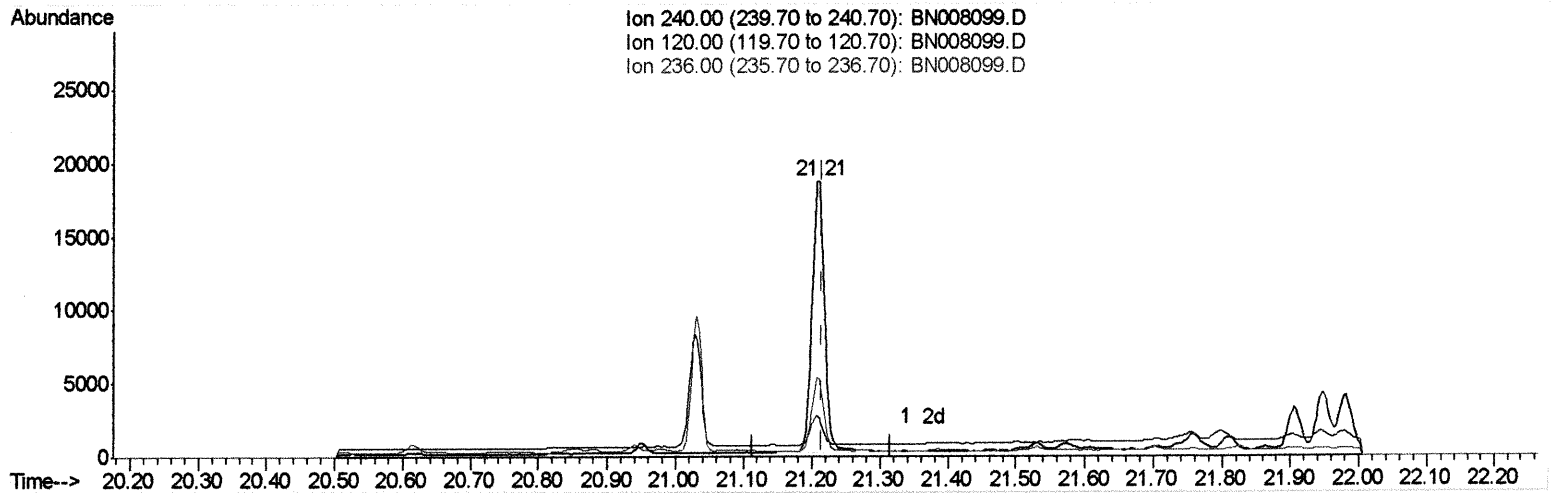
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008099.D
Acq On : 12 Oct 2019 05:13
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA8

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:54:28 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)

21.210min (-0.005) 0.40ng/ul m

24 10/16/19

response 23431

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	14.23
236.00	28.40	28.41
0.00	0.00	0.00

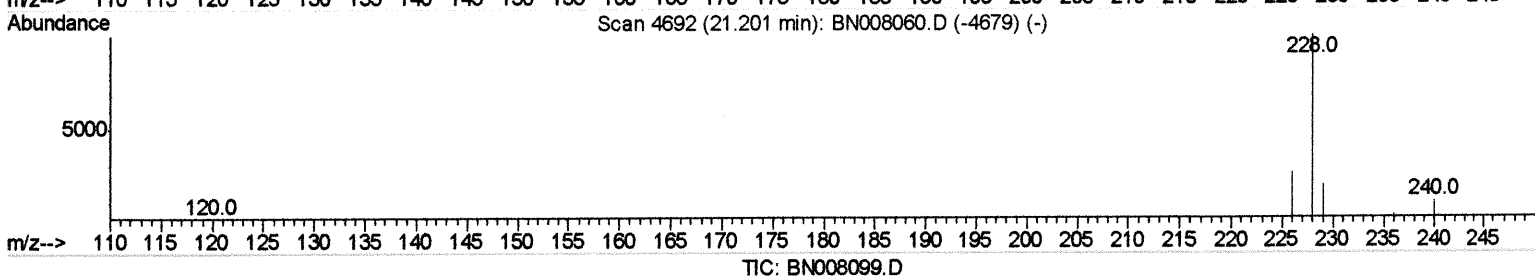
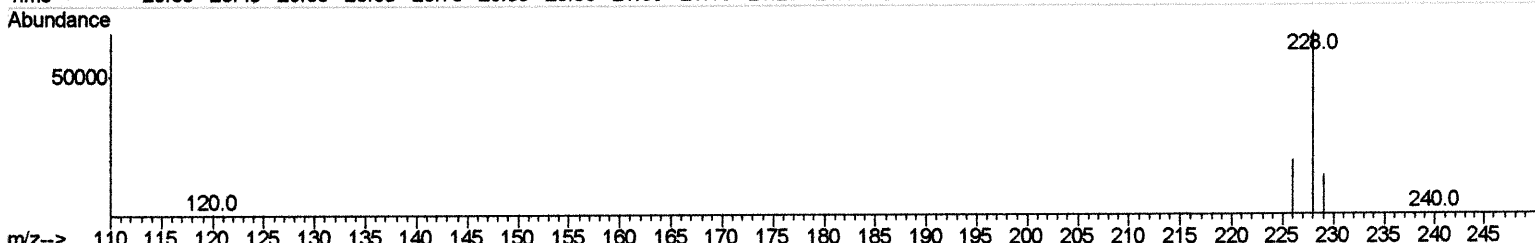
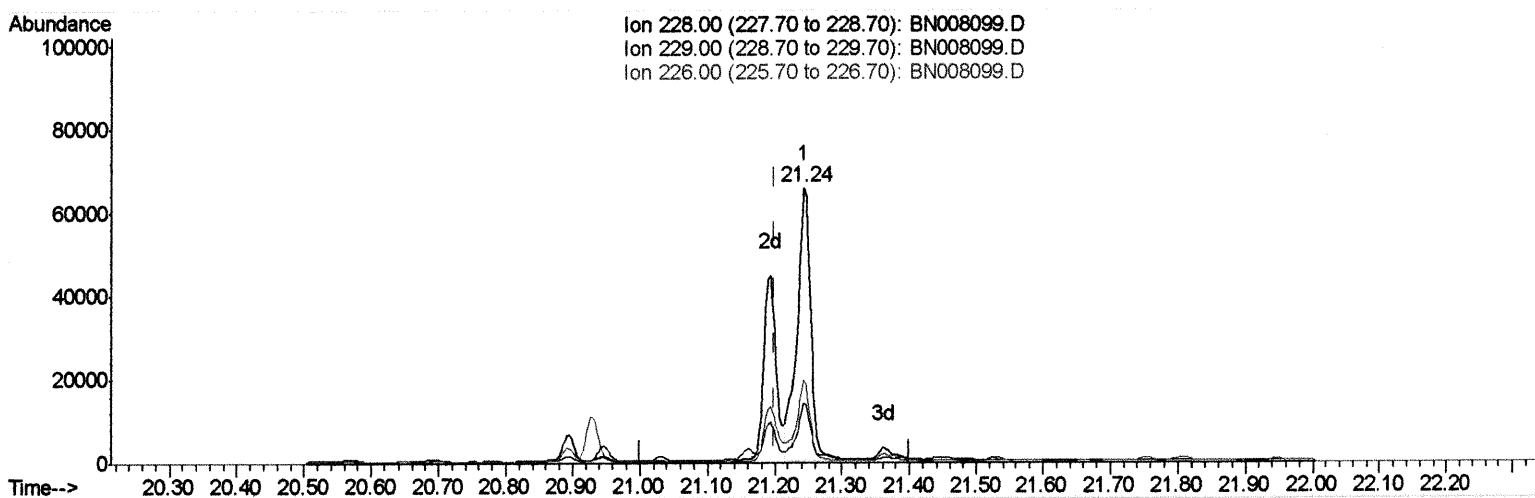
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008099.D
Acq On : 12 Oct 2019 05:13
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA8

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:56:51 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 (+0.042) 1.10ng/ul
response 93961

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.84
226.00	26.70	29.91
0.00	0.00	0.00

Quantitation Report (Qedit)

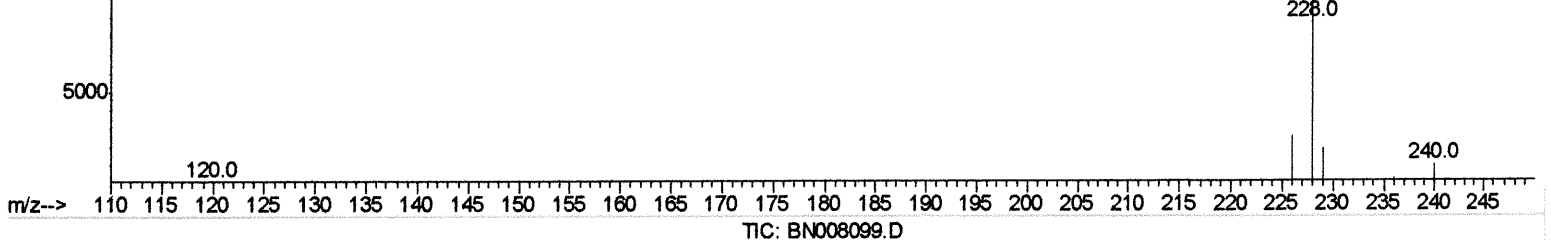
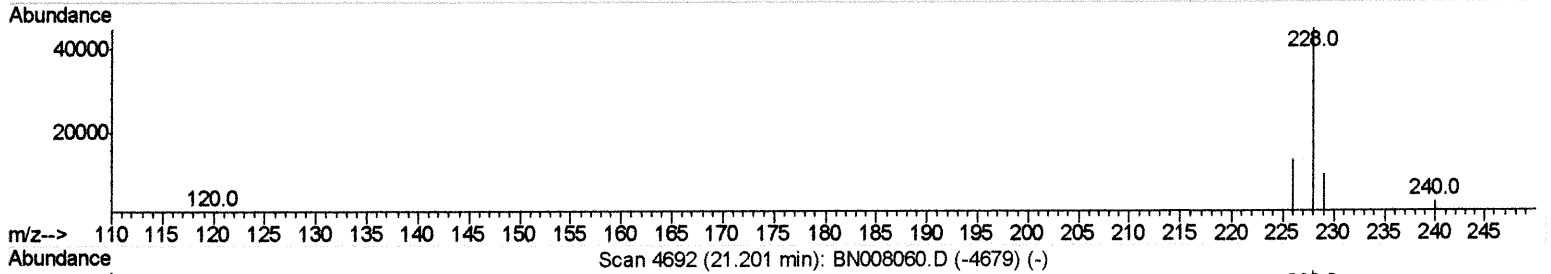
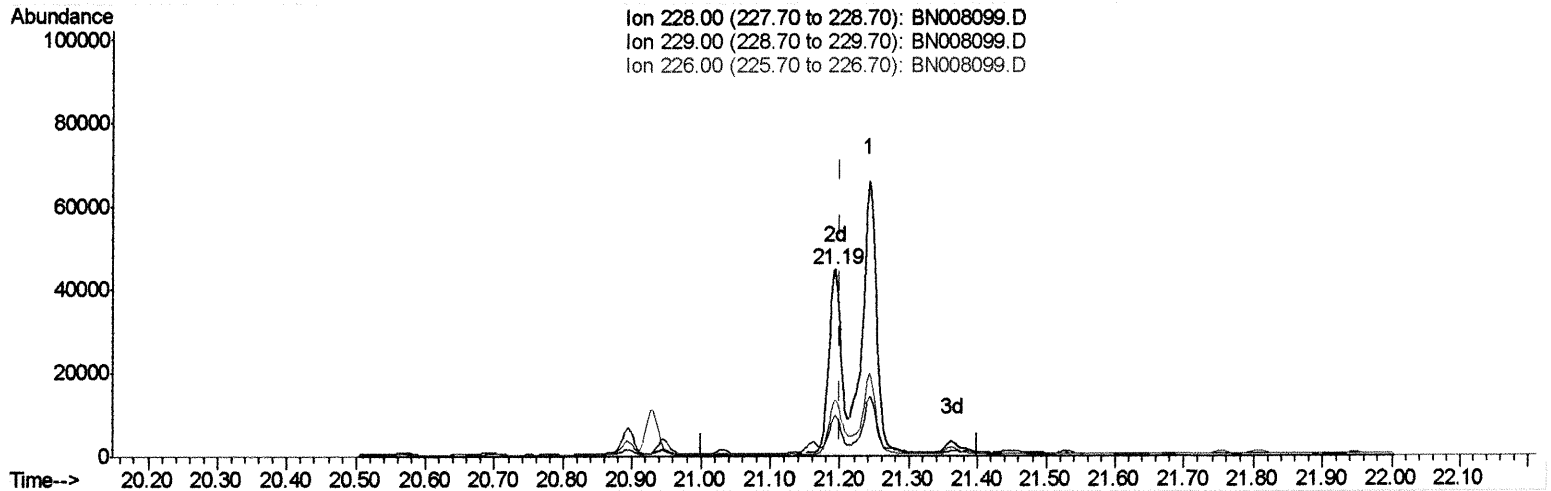
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:56:51 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

21.193min (-0.008) 0.67ng/ul m *JU 10/16/19*

response 57379

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.77
226.00	26.70	30.02
0.00	0.00	0.00

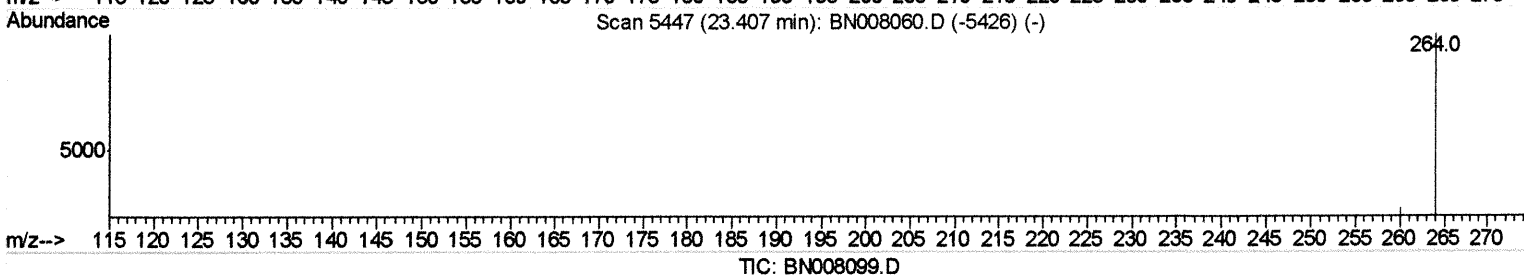
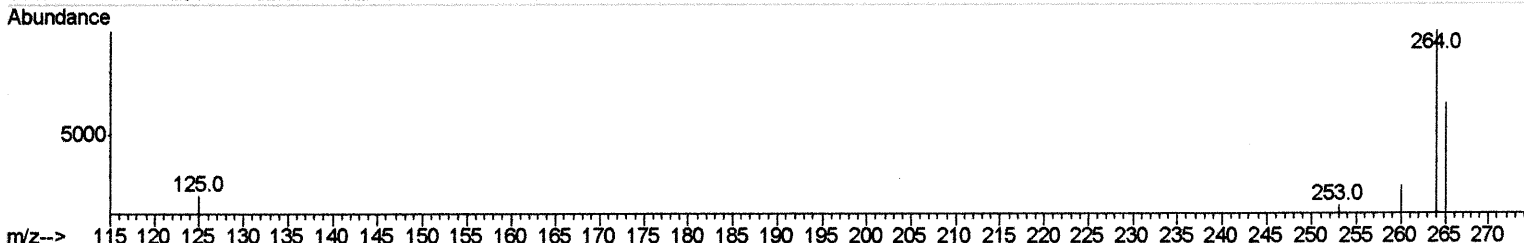
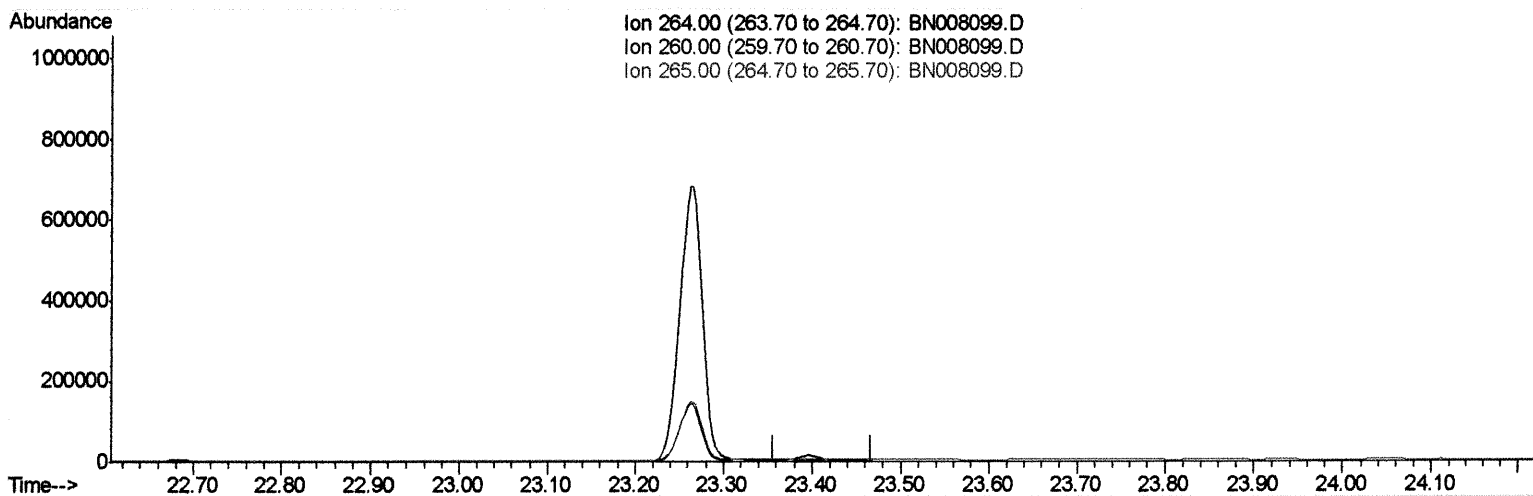
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008099.D
Acq On : 12 Oct 2019 05:13
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA8

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:56:51 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

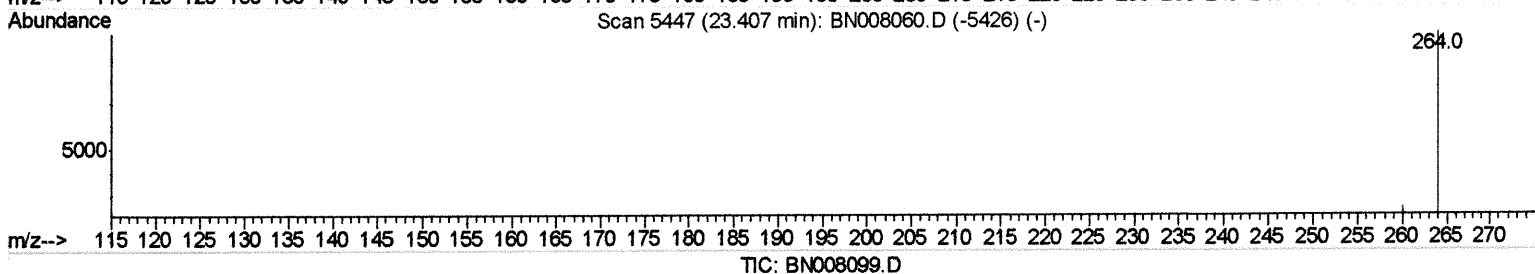
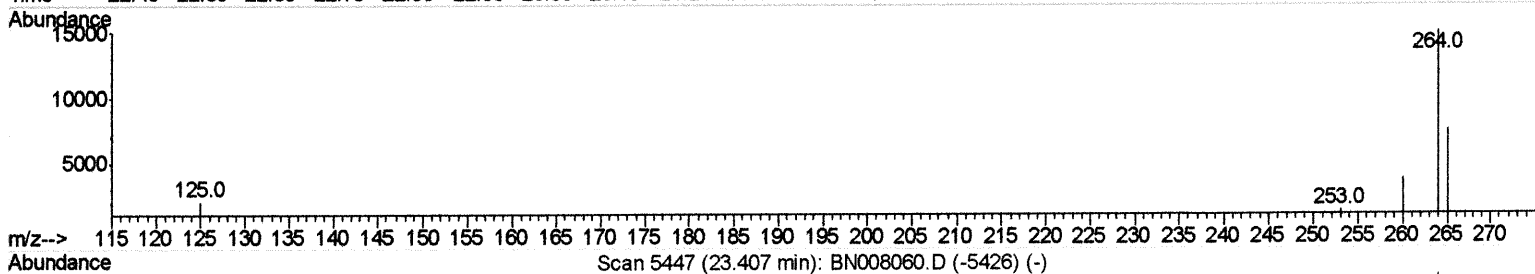
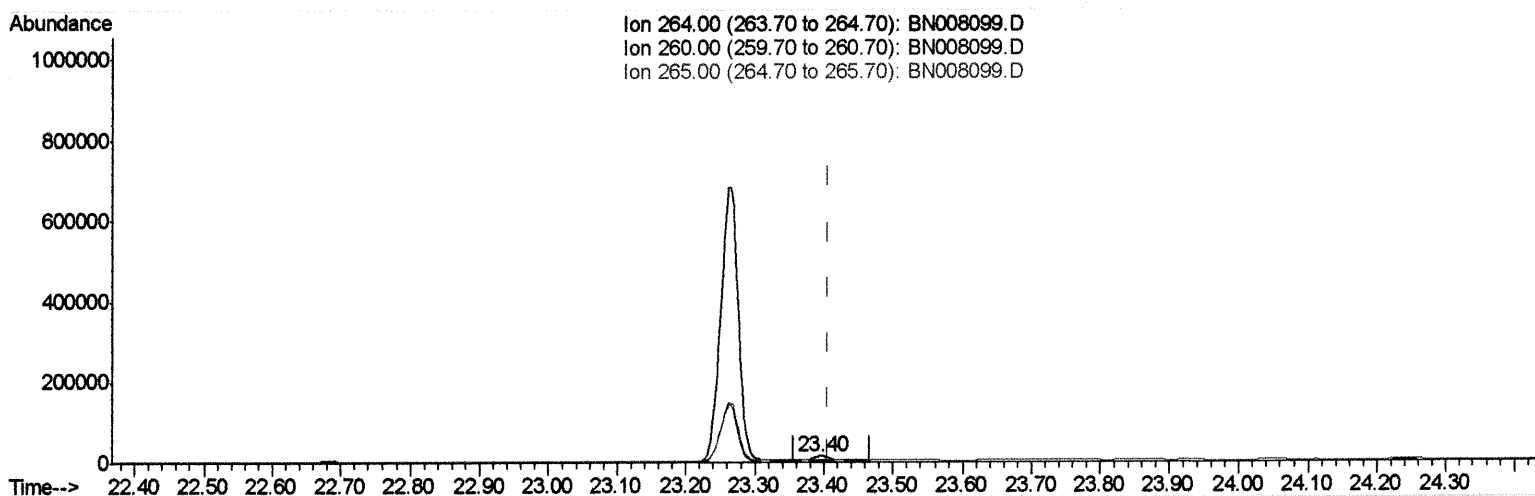
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008099.D
Acq On : 12 Oct 2019 05:13
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA8

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:56:51 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)

23.396min (-0.011) 0.40ng/ul m *ju 10/16/19*

response 19247

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.37
265.00	74.00	50.27#
0.00	0.00	0.00

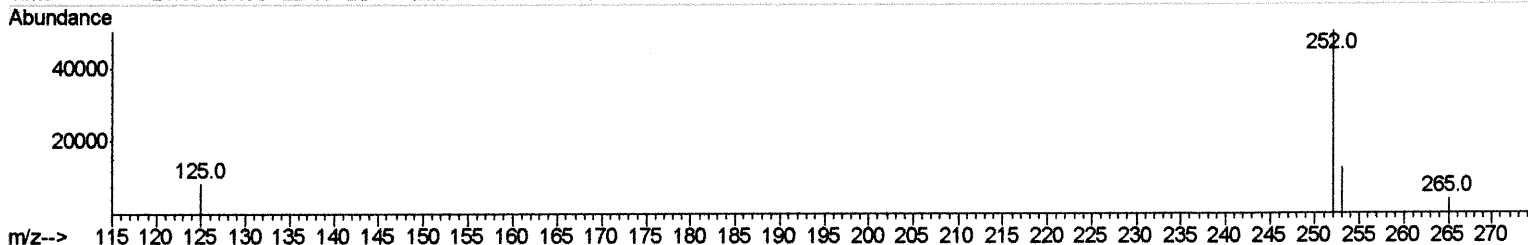
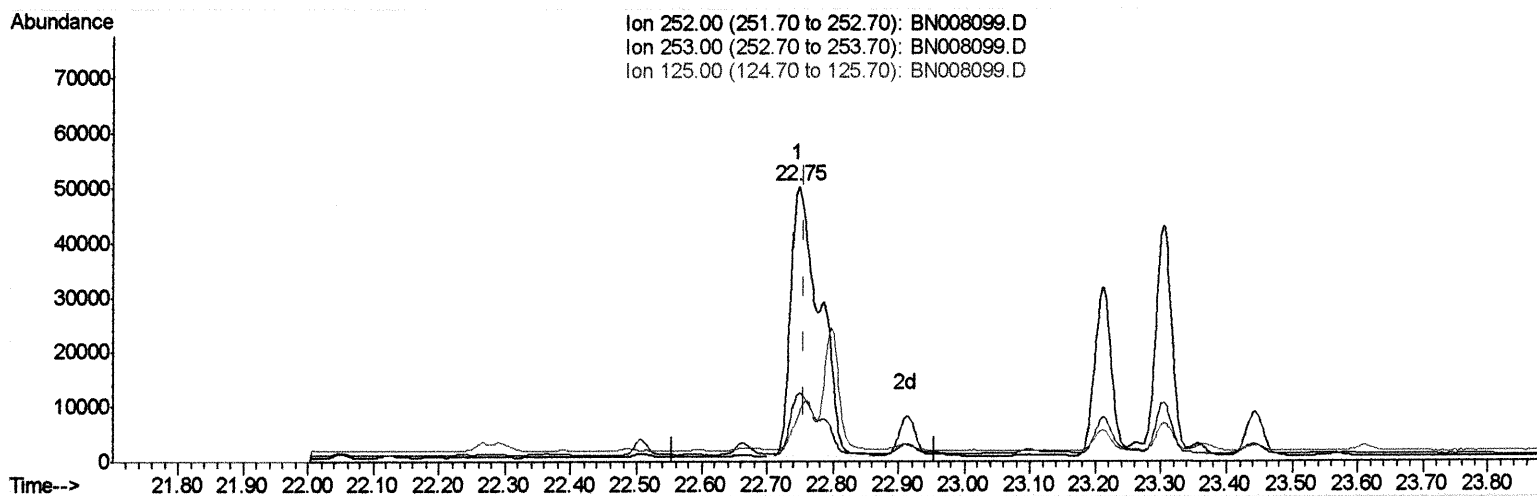
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008099.D
Acq On : 12 Oct 2019 05:13
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA8

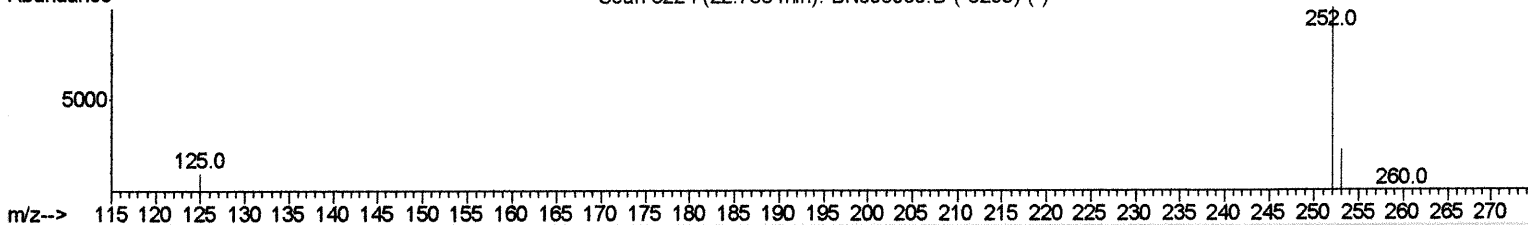
Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:57:42 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



Scan 5224 (22.755 min): BN008060.D (-5209) (-)



TIC: BN008099.D

(21) Benzo(b)fluoranthene

22.747min (-0.008) 2.40ng/ul

response 150065

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.04
125.00	16.20	17.10
0.00	0.00	0.00

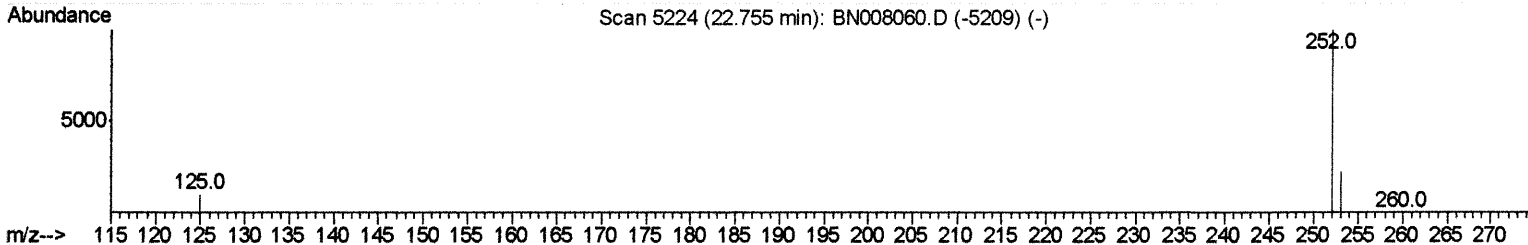
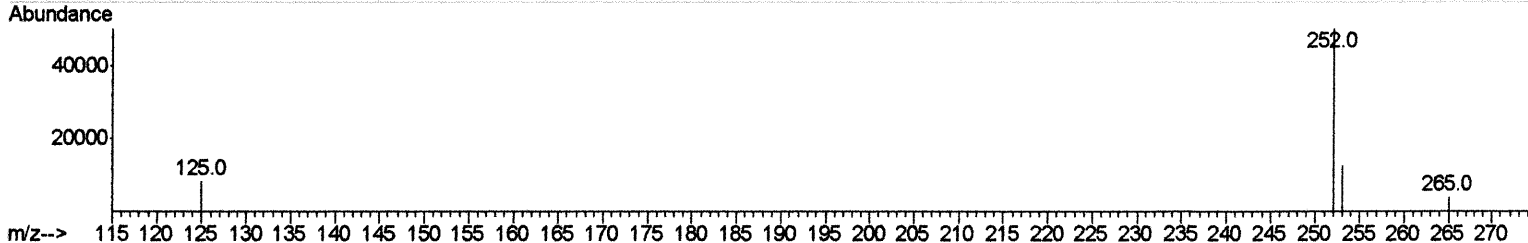
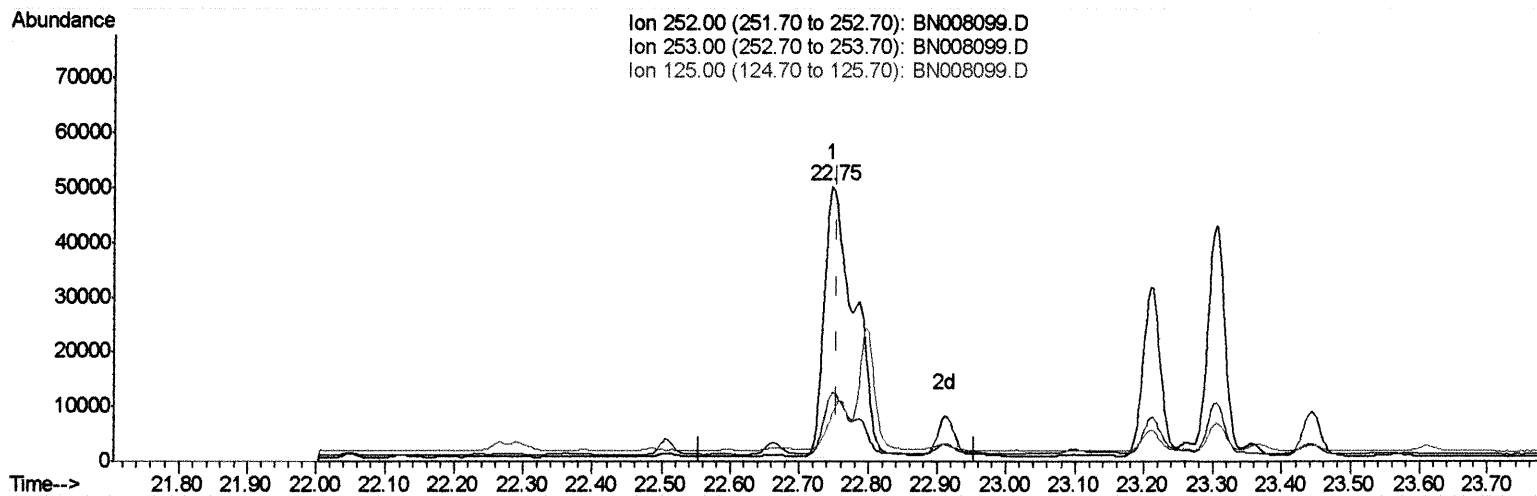
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008099.D
Acq On : 12 Oct 2019 05:13
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA8

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:57:42 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



TIC: BN008099.D

(21) Benzo(b)fluoranthene

22.747min (-0.008) 1.70ng/ul m *24 10/16/19*

response 106321

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.04
125.00	16.20	17.10
0.00	0.00	0.00

Quantitation Report (Qedit)

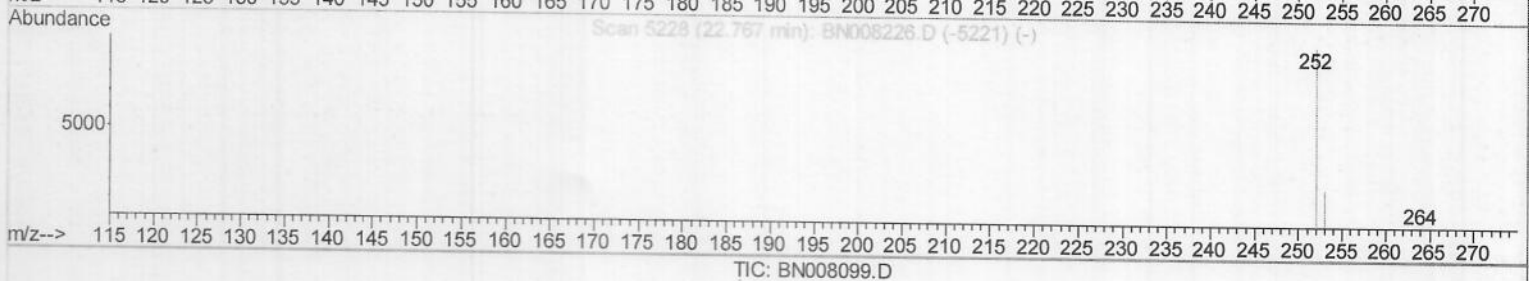
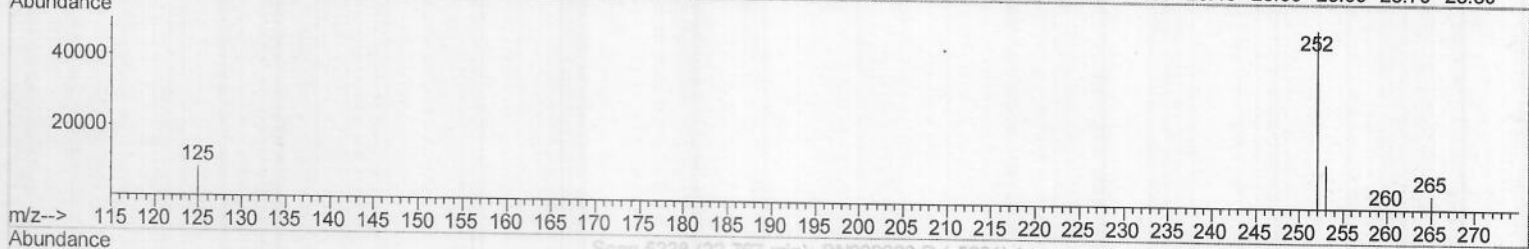
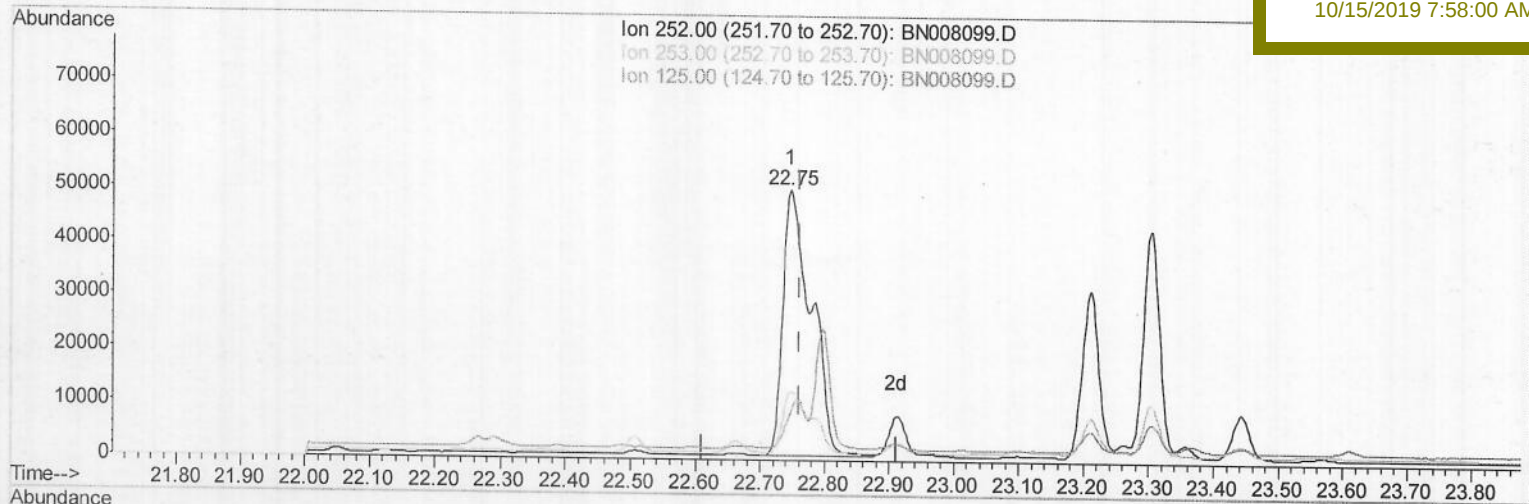
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 18 23:10:42 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 18 17:22:25 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM



(22) Benzo(k)fluoranthene
 22.747min (-0.014) 1.72ng/ul
 response 150065

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.04
125.00	15.40	17.10
0.00	0.00	0.00

Quantitation Report (Qedit)

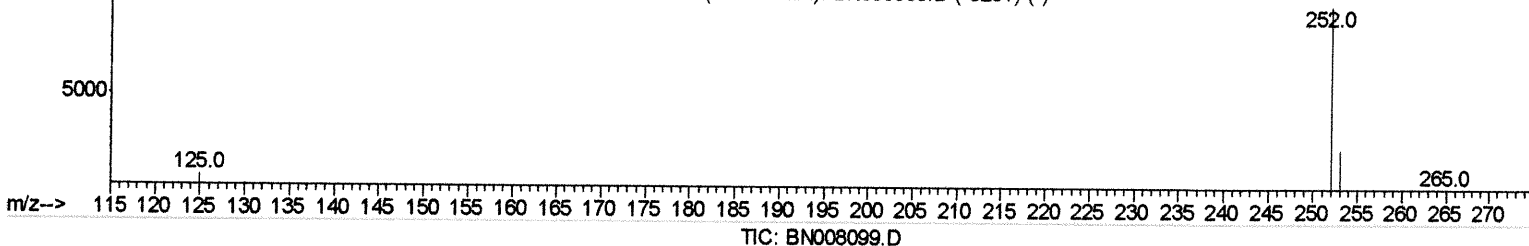
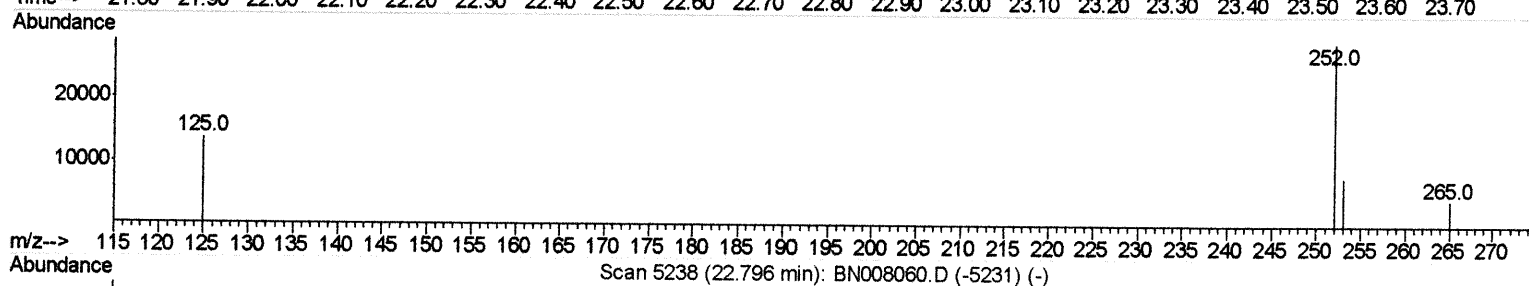
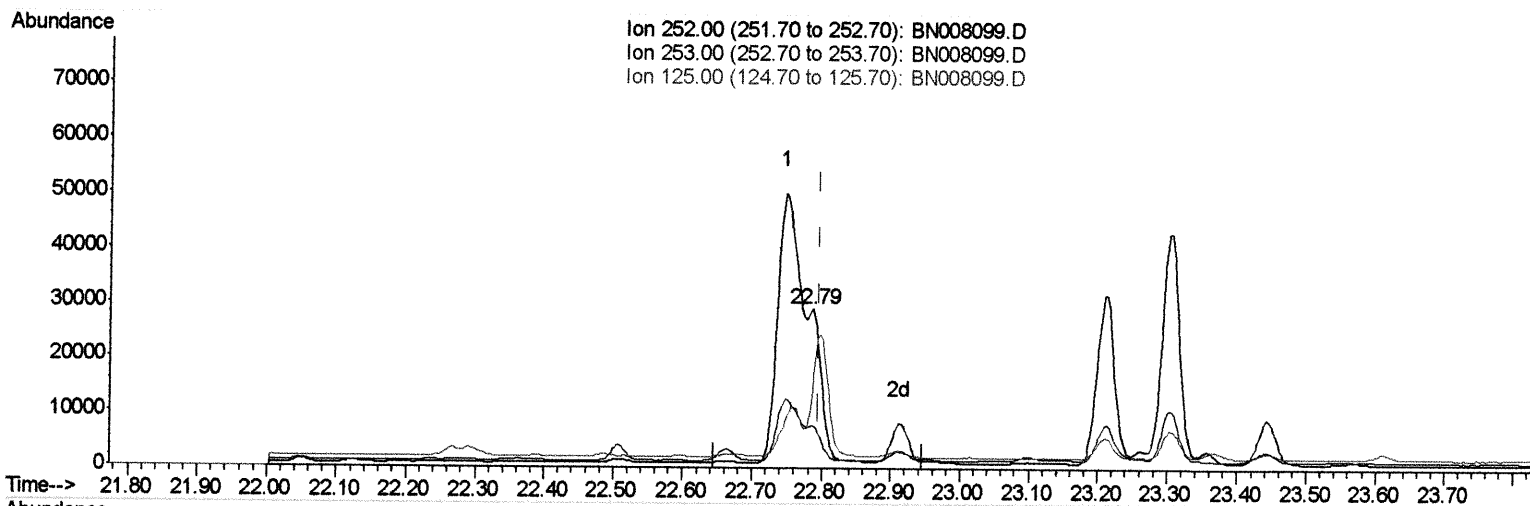
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:57:42 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



(22) Benzo(k)fluoranthene

22.785min (-0.011) 0.59ng/ul m *JU 10/16/19*

response 41737

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.93
125.00	15.40	47.11#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008099.D
 Acq On : 12 Oct 2019 05:13
 Operator : JU
 Sample : K5124-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA8

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:00 AM

Quant Time: Oct 13 01:58:46 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	3037	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	14622	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	9655	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	22333m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	23431m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	19247m	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.99	152	4647	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	15497m	0.20	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.44	128	3439	0.083	ng/ul#	94
5) 2-Methylnaphthalene	12.07	142	2447	0.086	ng/ul	99
7) Acenaphthylene	13.98	152	14385	0.313	ng/ul	99
8) Acenaphthene	14.32	153	957	0.027	ng/ul	95
9) Fluorene	15.31	166	2775	0.068	ng/ul#	91
12) Phenanthrene	17.05	178	49852m	0.762	ng/ul	}
13) Anthracene	17.14	178	6568m	0.114	ng/ul	
15) Fluoranthene	19.07	202	131074m	1.518	ng/ul	
17) Pyrene	19.44	202	131735	1.412	ng/ul	98
18) Benzo(a)anthracene	21.19	228	57379m	0.674	ng/ul	}
19) Chrysene	21.24	228	93140	0.891	ng/ul	
21) Benzo(b)fluoranthene	22.75	252	106321m	1.697	ng/ul	}
22) Benzo(k)fluoranthene	22.79	252	41737m	0.588	ng/ul	
23) Benzo(a)pyrene	23.31	252	67222	1.020	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.57	276	49283	0.635	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.58	278	10761	0.175	ng/ul#	80
26) Benzo(a,h,i)perylene	26.24	276	45418	0.638	ng/ul	99

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