

Quantitation Report (Qedit)

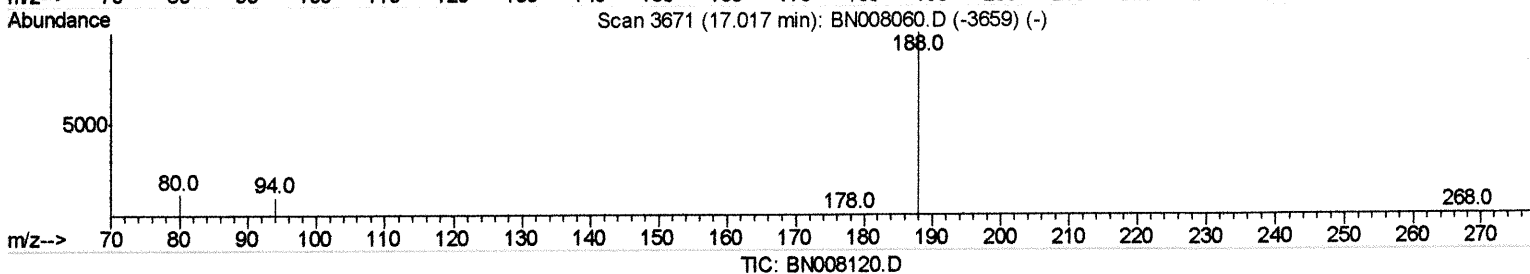
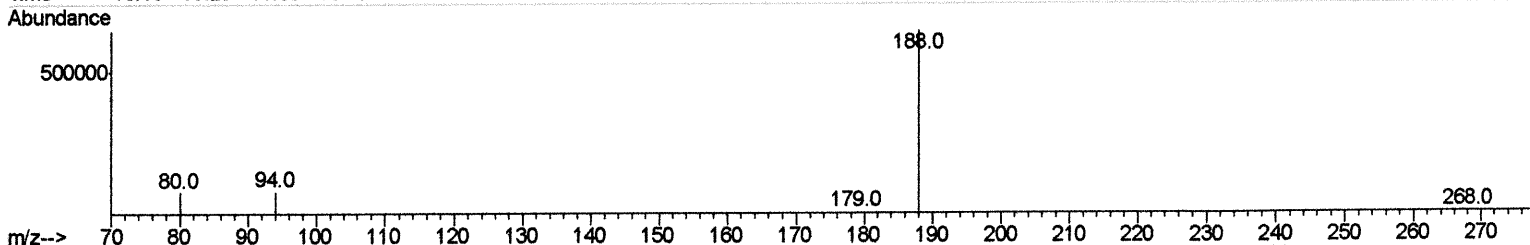
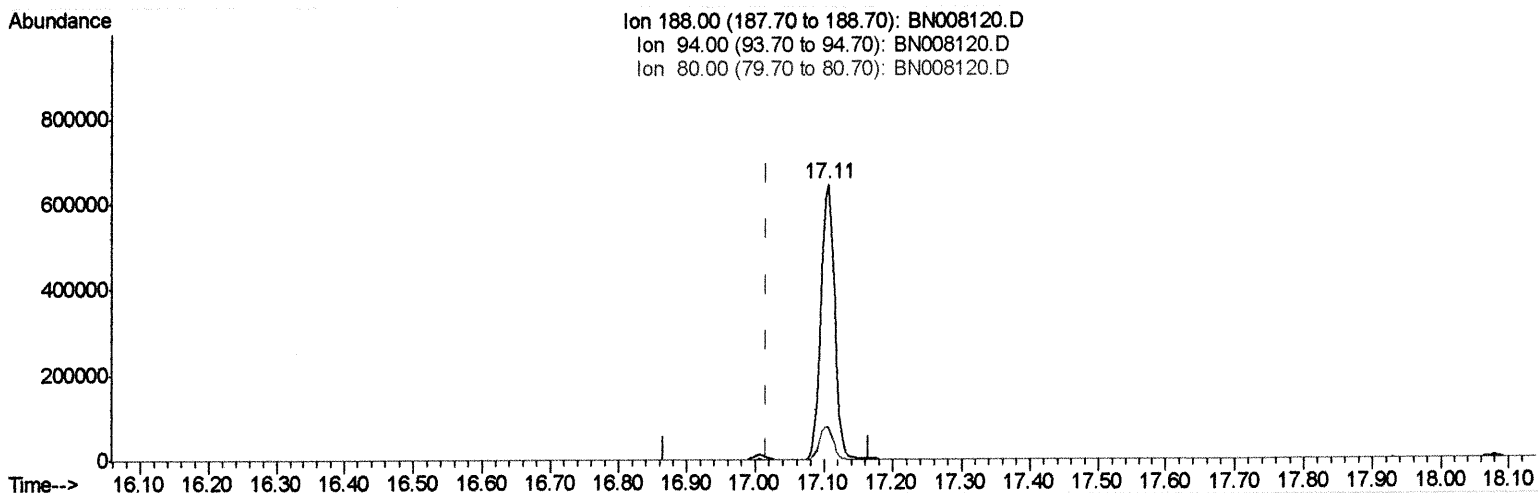
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008120.D
Acq On : 12 Oct 2019 19:32
Operator : JU
Sample : K5178-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPJ3

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:12 AM

Quant Time: Oct 12 21:41:22 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 890893

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.89
80.00	12.60	11.52
0.00	0.00	0.00

Quantitation Report (Qedit)

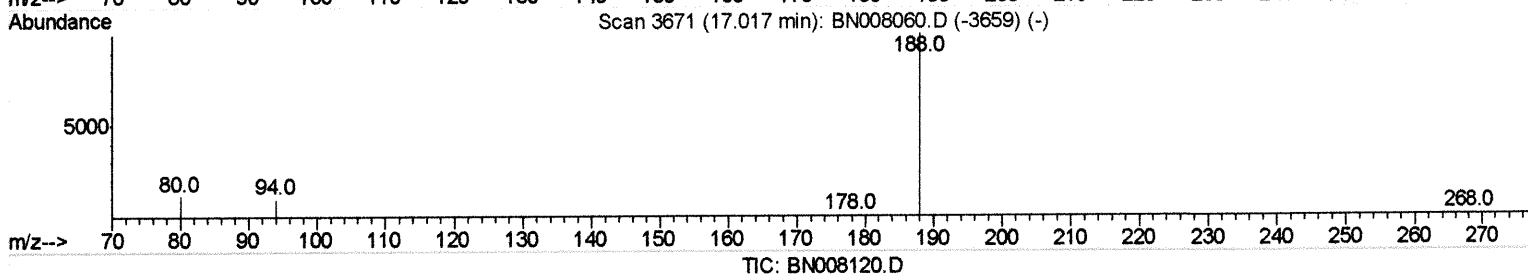
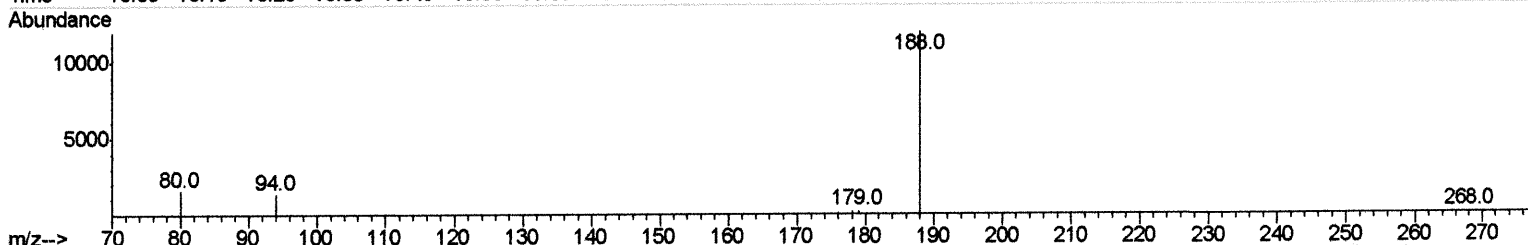
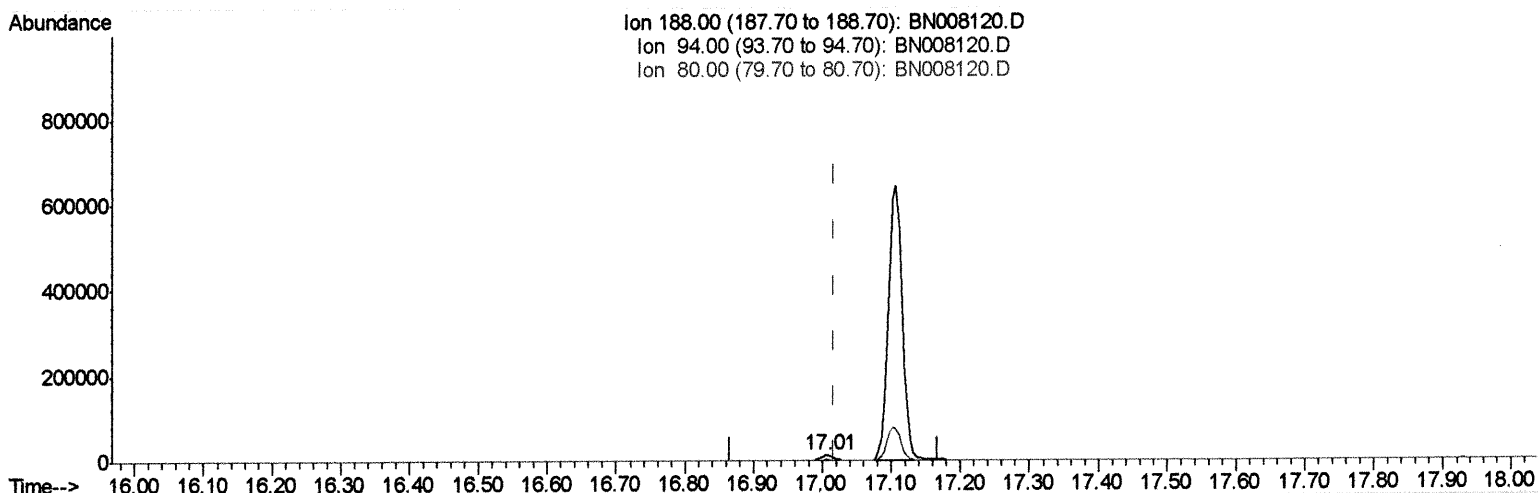
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(10) Phenanthrene-d10 (I)

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

response 16864

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.31
80.00	12.60	13.22
0.00	0.00	0.00

Quantitation Report (Qedit)

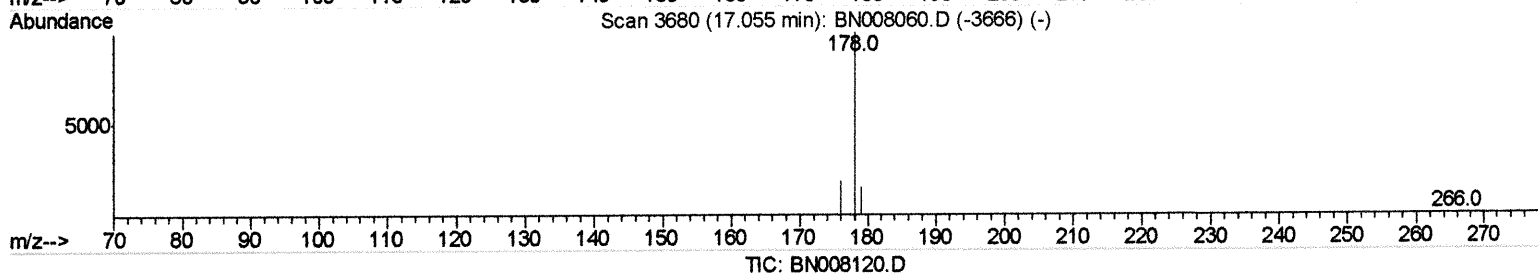
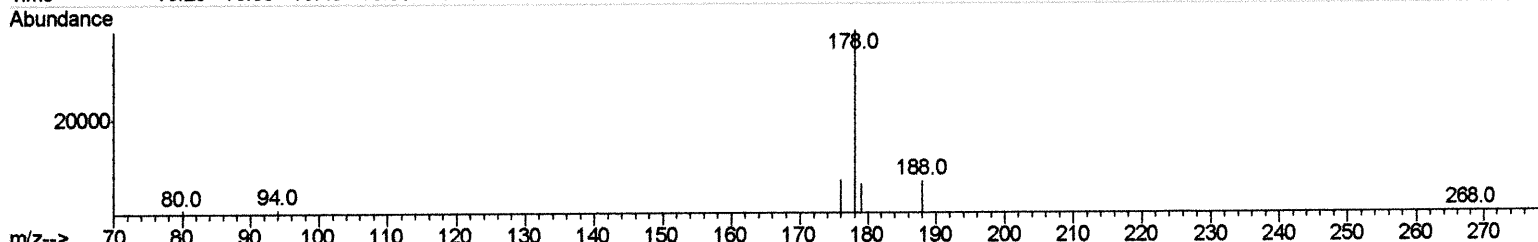
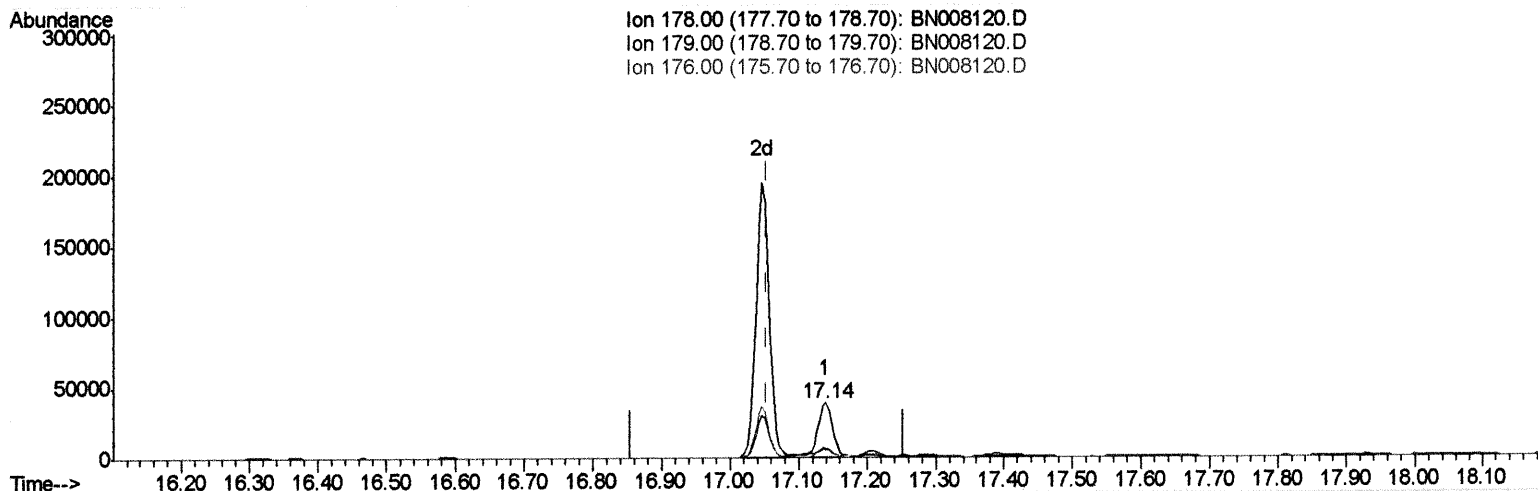
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 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:18:01 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.139min (+0.085) 1.11ng/ul

response 54725

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.03
176.00	19.30	18.22
0.00	0.00	0.00

Quantitation Report (Qedit)

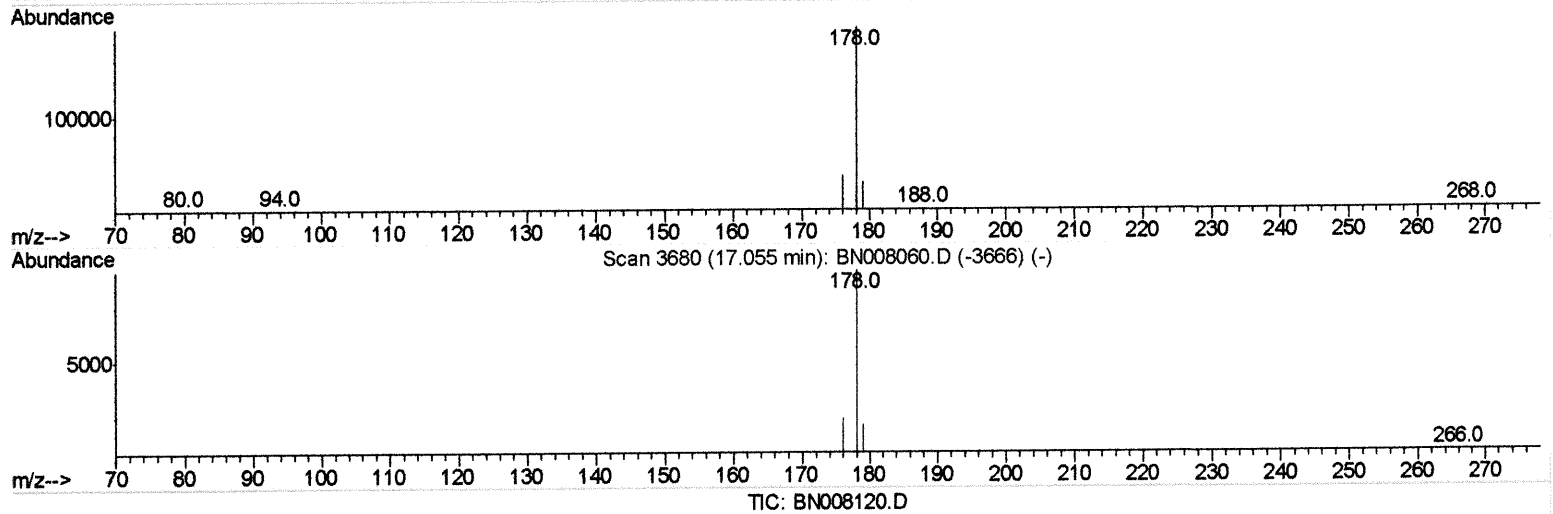
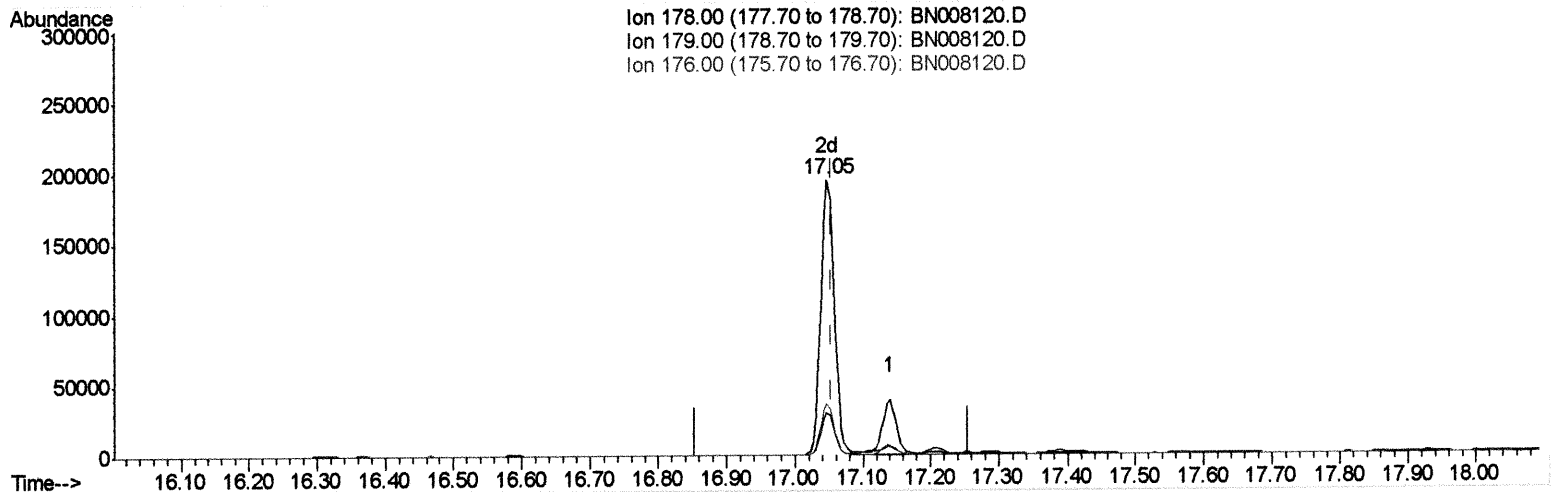
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(12) Phenanthrene

17.047min (-0.008) 5.41ng/ul m *24 10/16/19*

response 266925

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.34
176.00	19.30	18.58
0.00	0.00	0.00

Quantitation Report (Qedit)

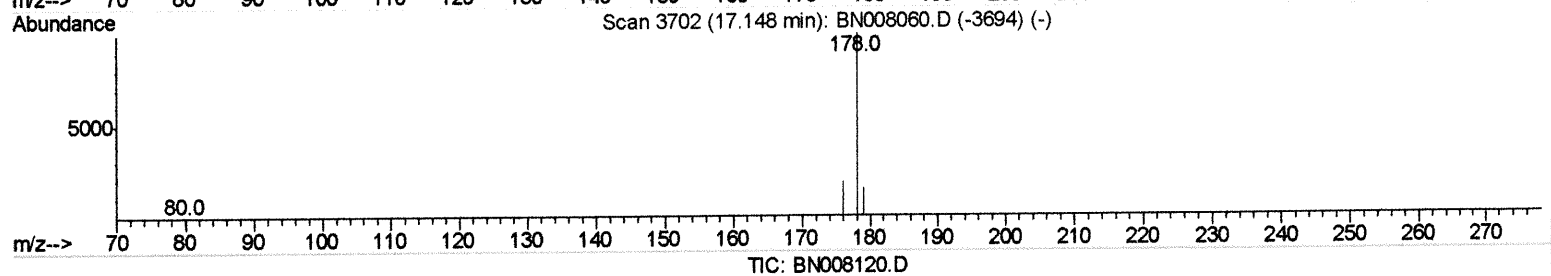
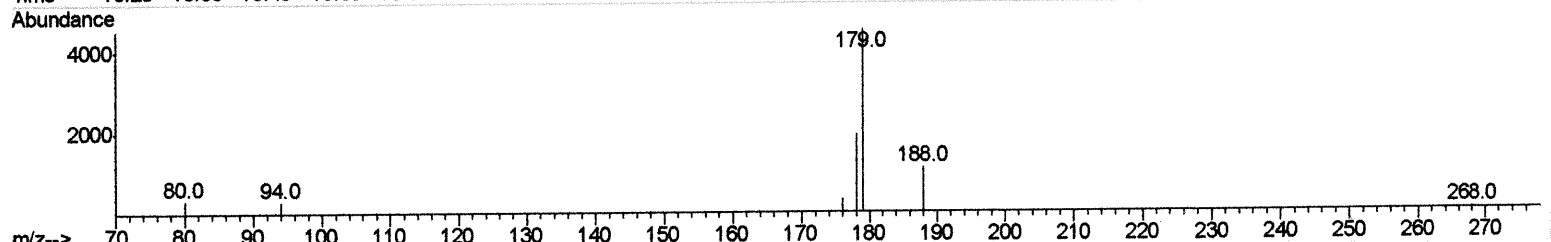
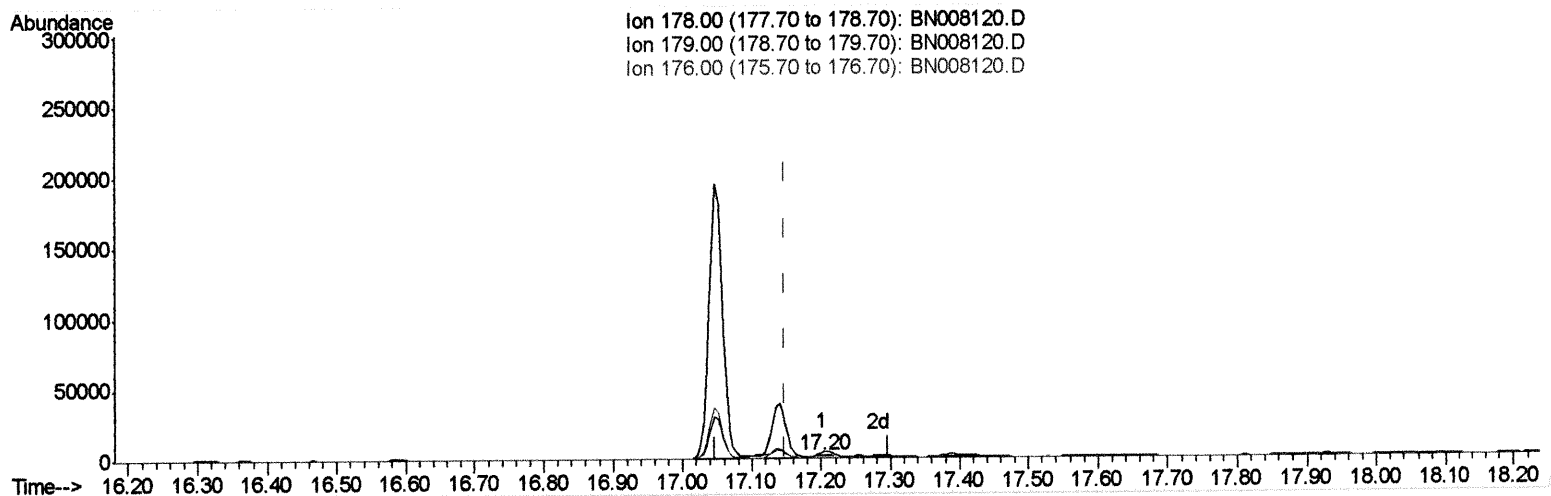
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 Data File : BN008120.D
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(13) Anthracene

17.203min (+0.055) 0.05ng/ul

response 2268

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	230.31#
176.00	18.80	17.93
0.00	0.00	0.00

Quantitation Report (Qedit)

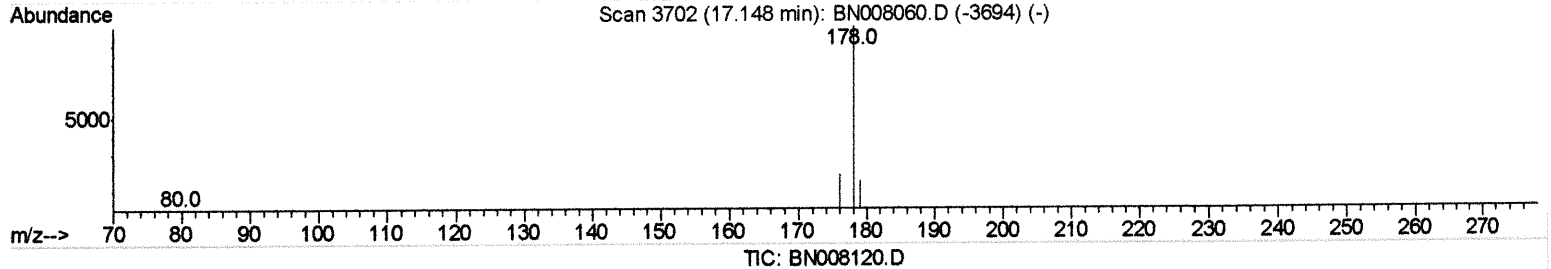
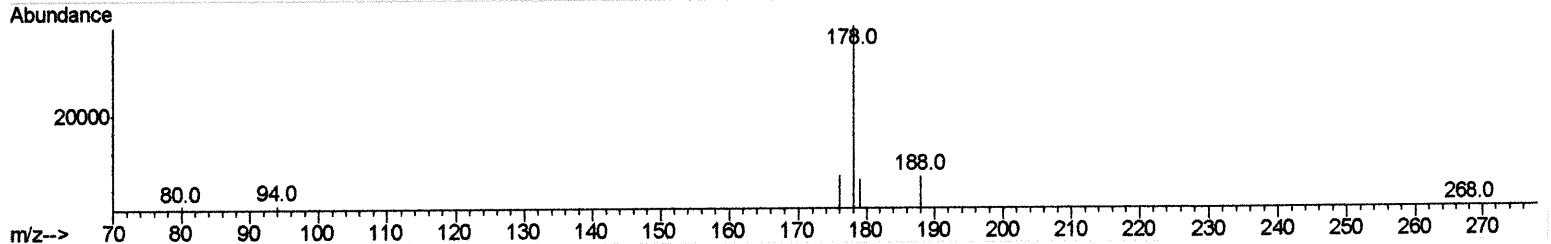
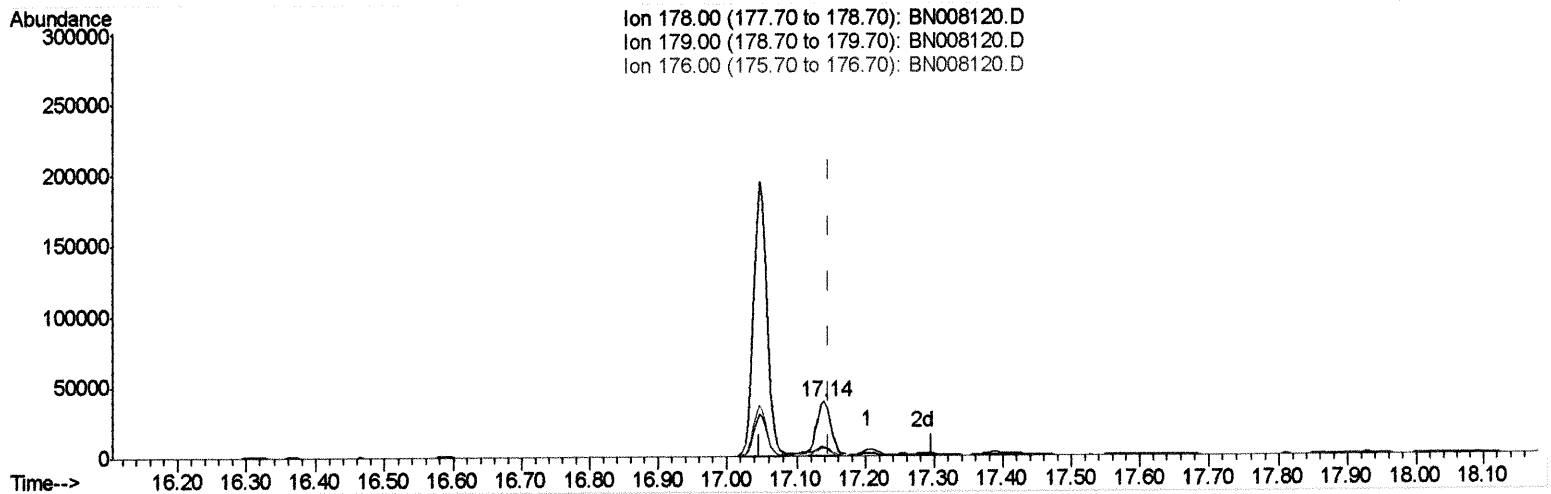
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008120.D
 Acq On : 12 Oct 2019 19:32
 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:12 AM

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(13) Anthracene

17.139min (-0.008) 1.24ng/ul m *su 10/16/19*

response 53779

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	16.03
176.00	18.80	18.22
0.00	0.00	0.00

Quantitation Report (Qedit)

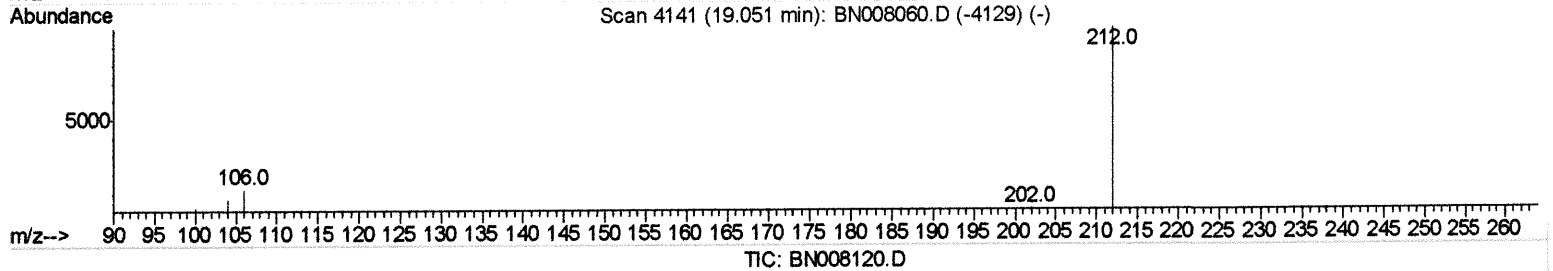
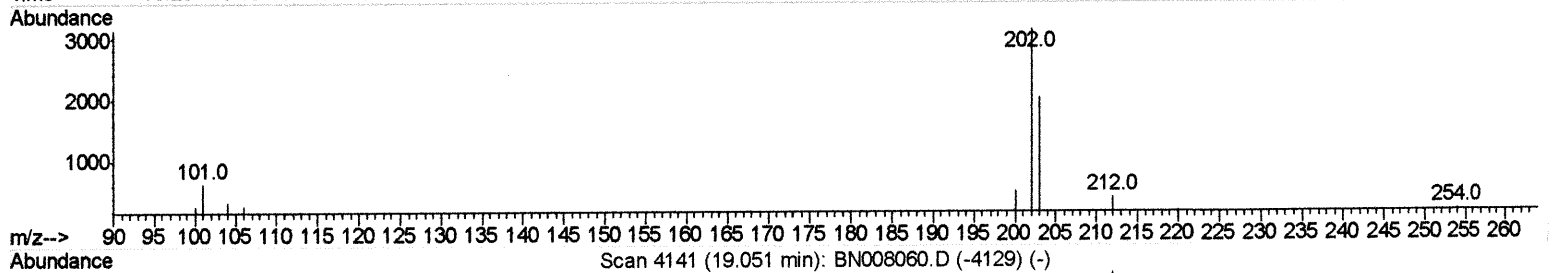
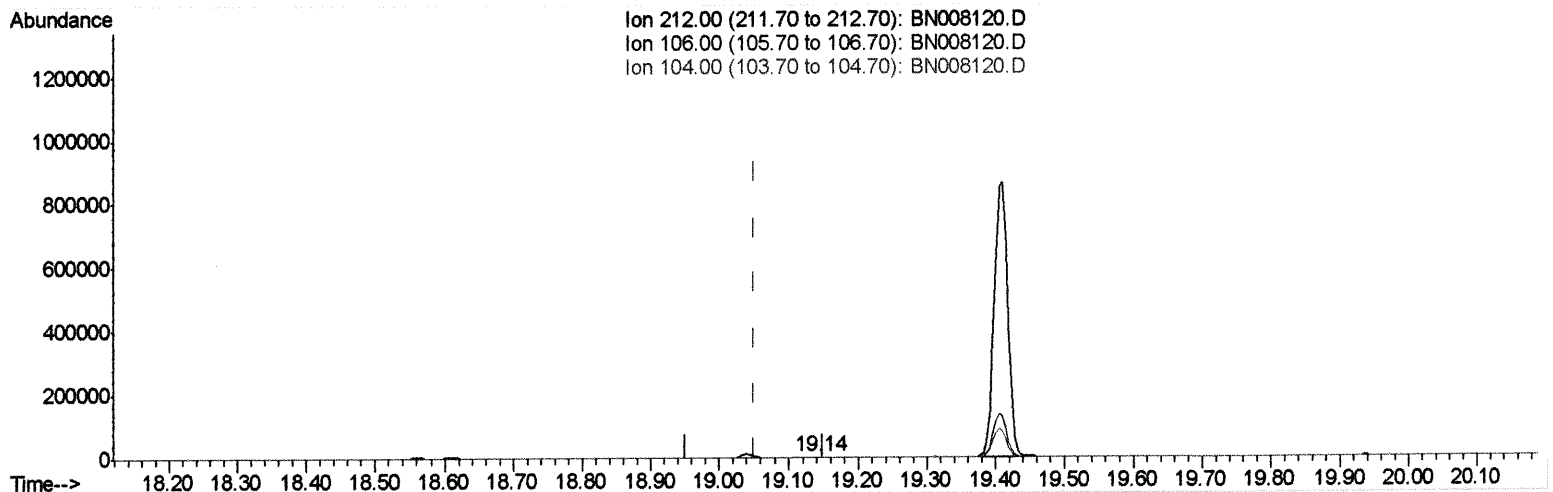
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(14) Fluoranthene-d10 (SURR)

19.144min (+0.093) 0.01ng/ul

response 503

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	17.89#
104.00	7.20	52.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

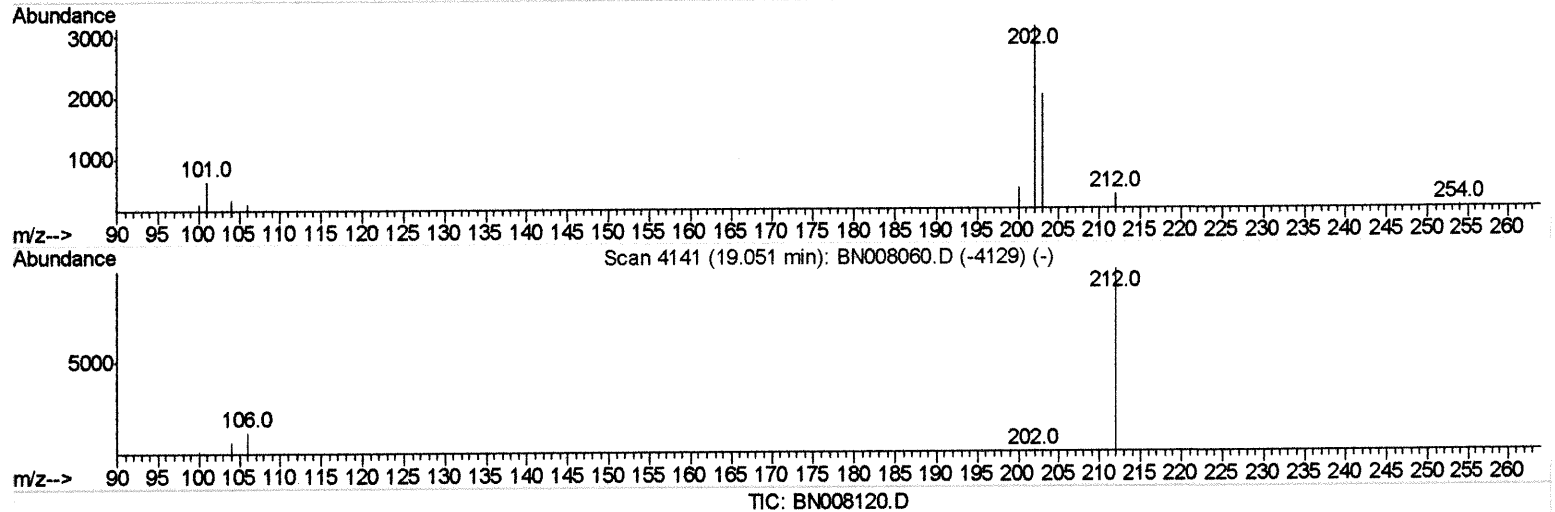
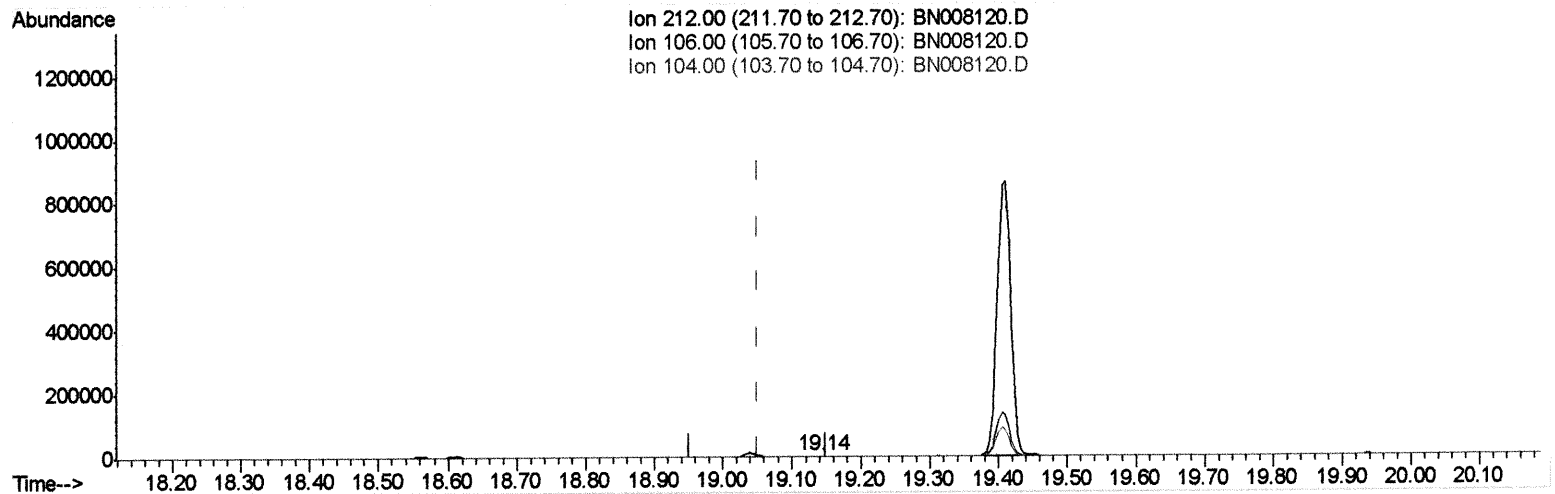
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(14) Fluoranthene-d10 (SURR)

19.144min (+0.093) 0.01ng/ul

response 503

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	17.89#
104.00	7.20	52.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

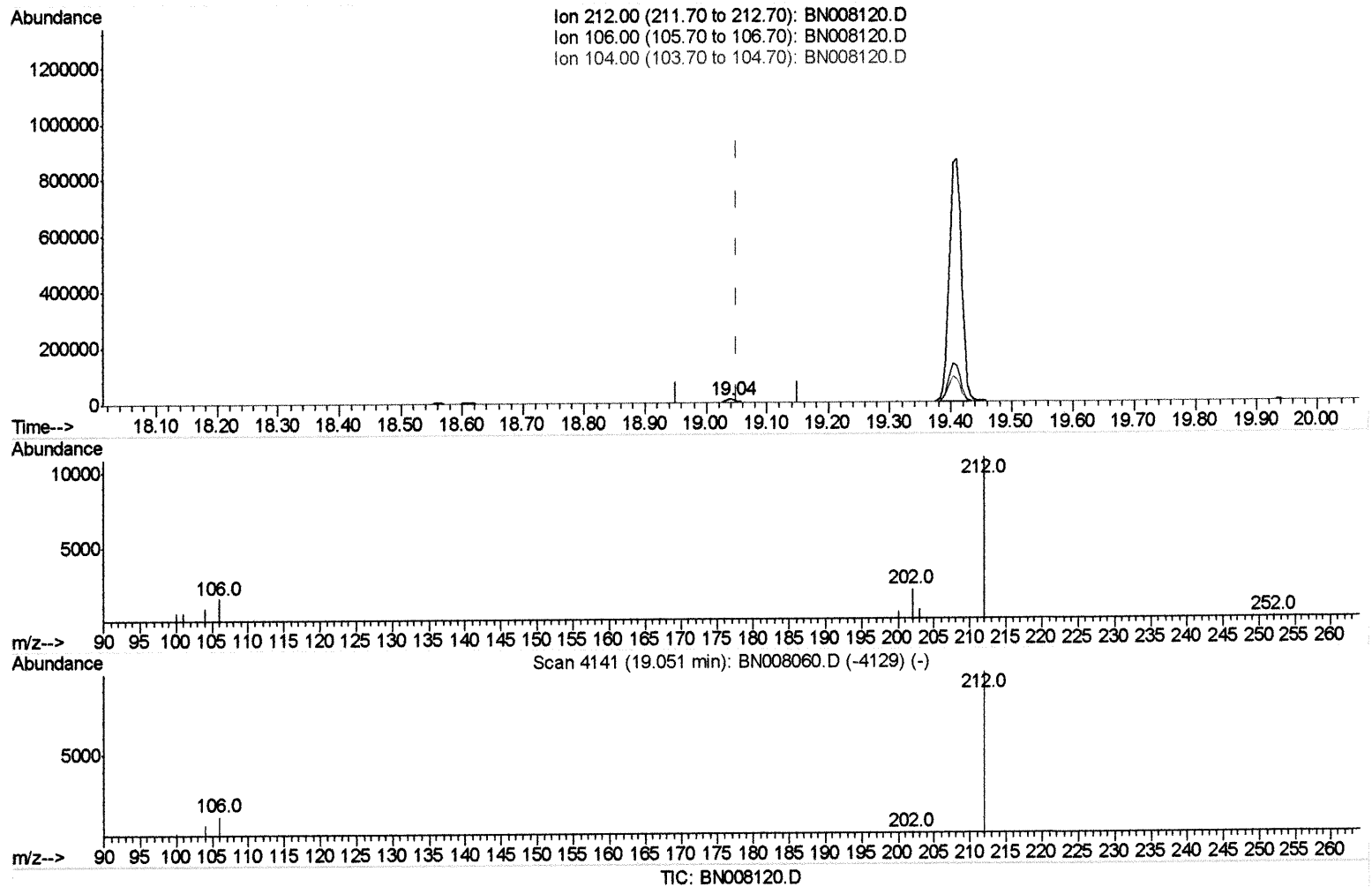
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 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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(14) Fluoranthene-d10 (SURR)

19.042min (-0.009) 0.24ng/ul m

OK 10/16/19

response 14009

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.64#
104.00	7.20	1.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

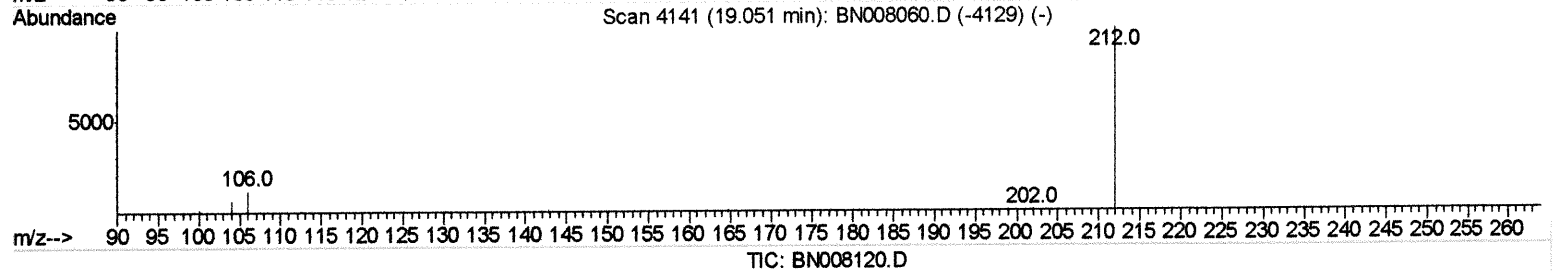
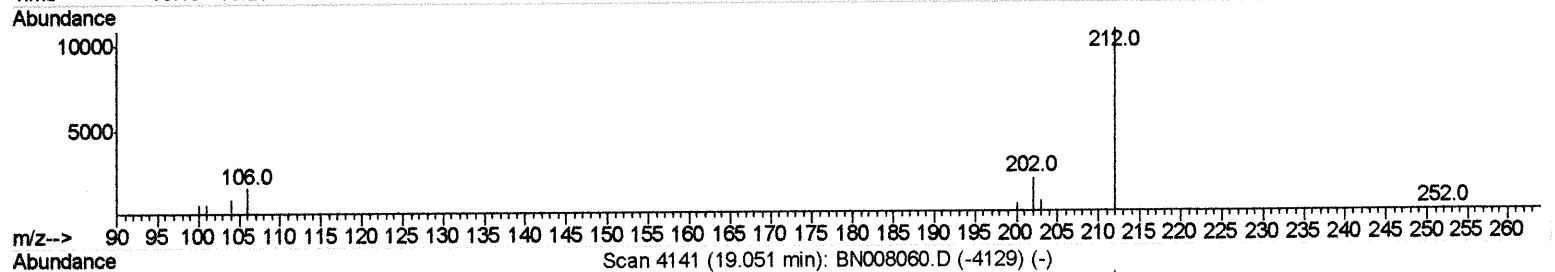
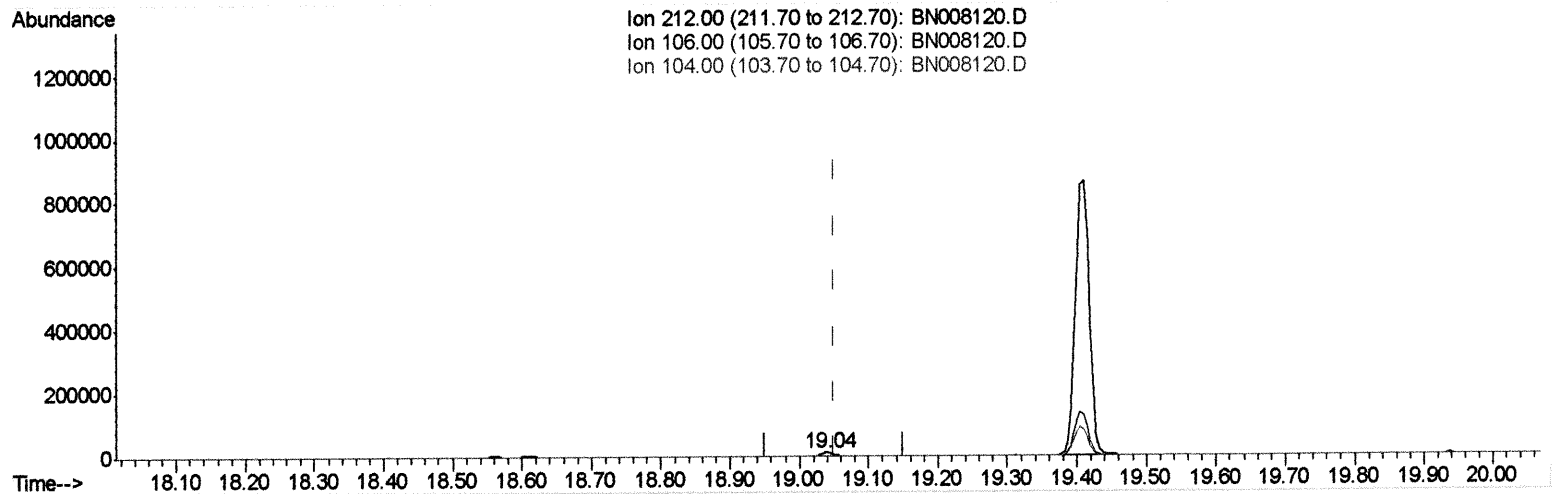
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Manual Integrations
 APPROVED

mohammad
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(14) Fluoranthene-d10 (SURR)

19.042min (-0.009) 0.24ng/ul m

Re 10/16/19

response 14009

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.64#
104.00	7.20	1.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

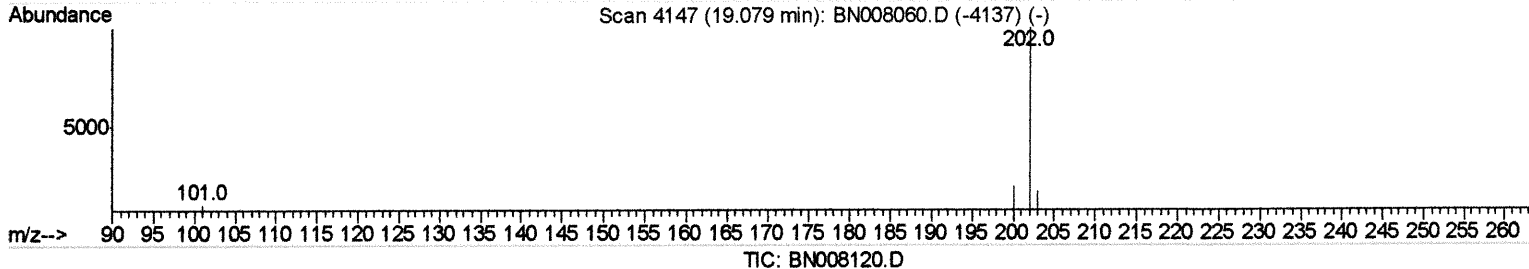
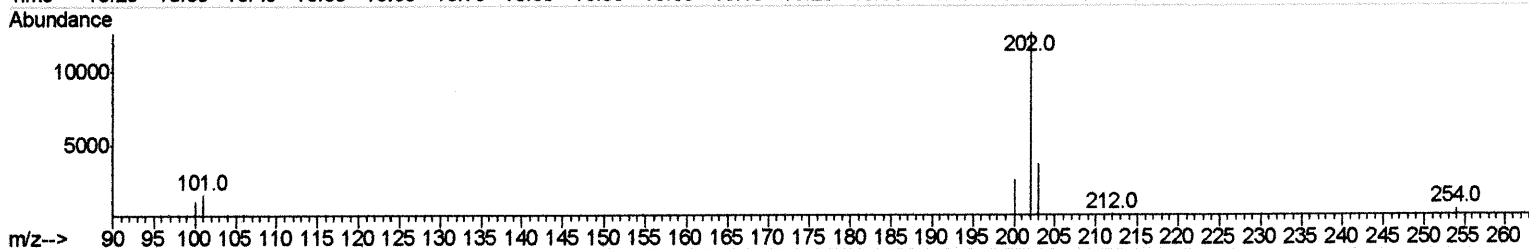
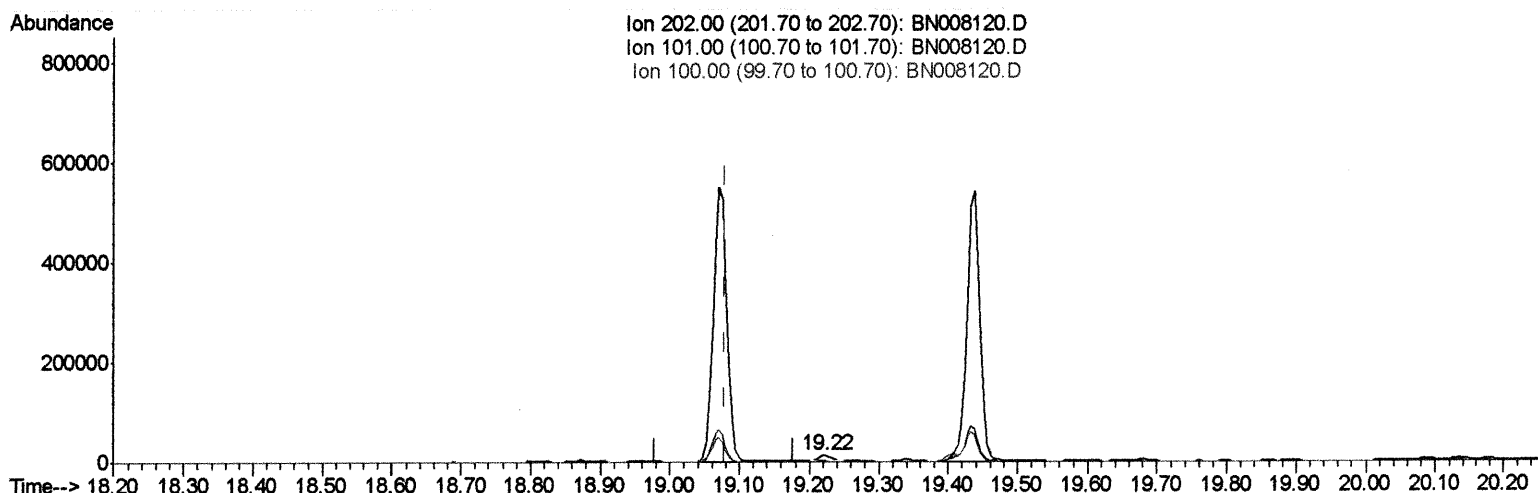
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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(15) Fluoranthene (C)
 19.223min (+0.144) 0.21ng/ul
 response 13802

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	12.23
100.00	8.50	8.95
0.00	0.00	0.00

Quantitation Report (Qedit)

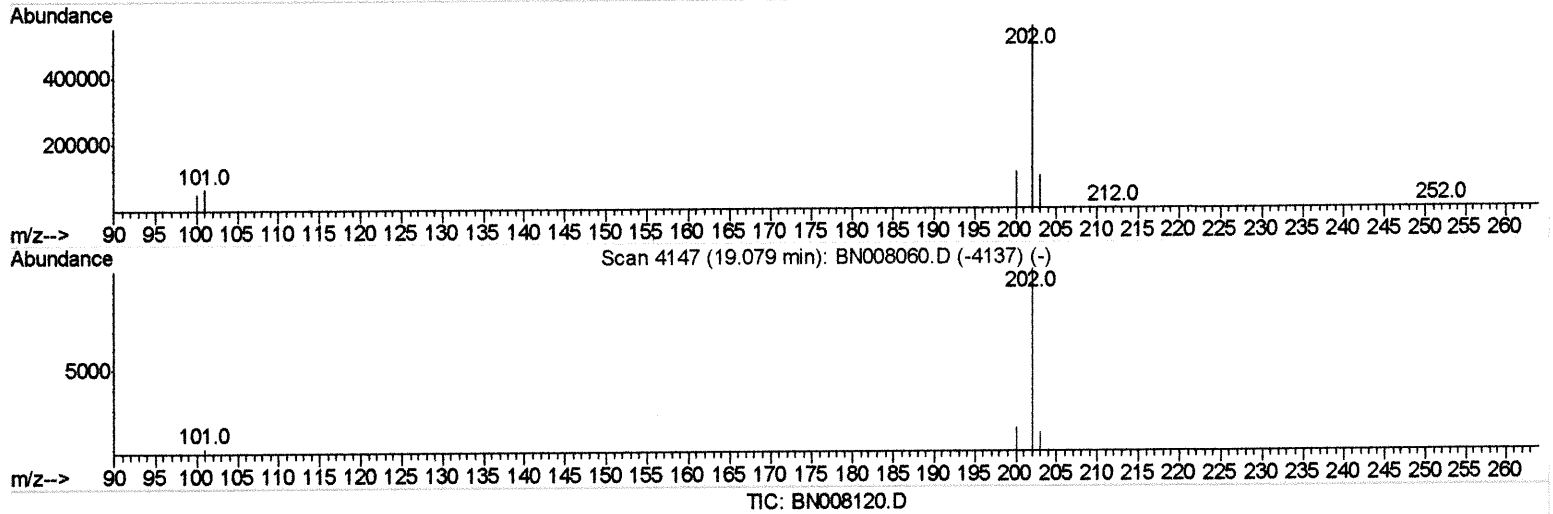
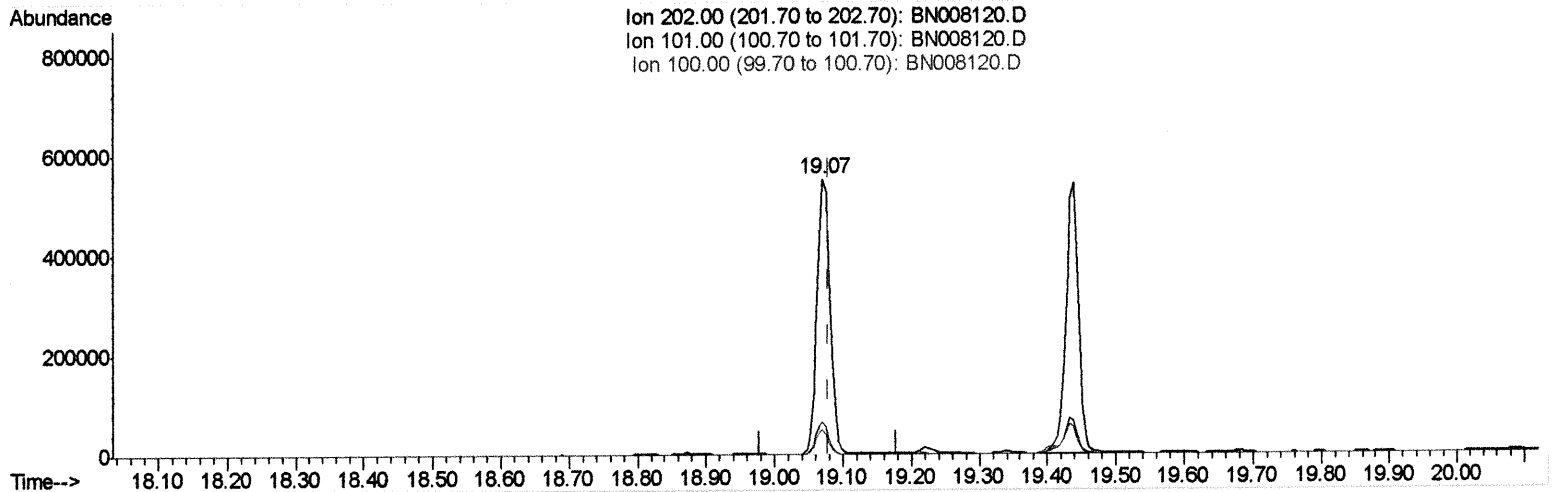
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 Response via : Initial Calibration



(15) Fluoranthene (C)

19.070min (-0.009) 11.28ng/ul m *Ju 10/16/19*

response 735265

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	11.81
100.00	8.50	8.95
0.00	0.00	0.00

Quantitation Report (Qedit)

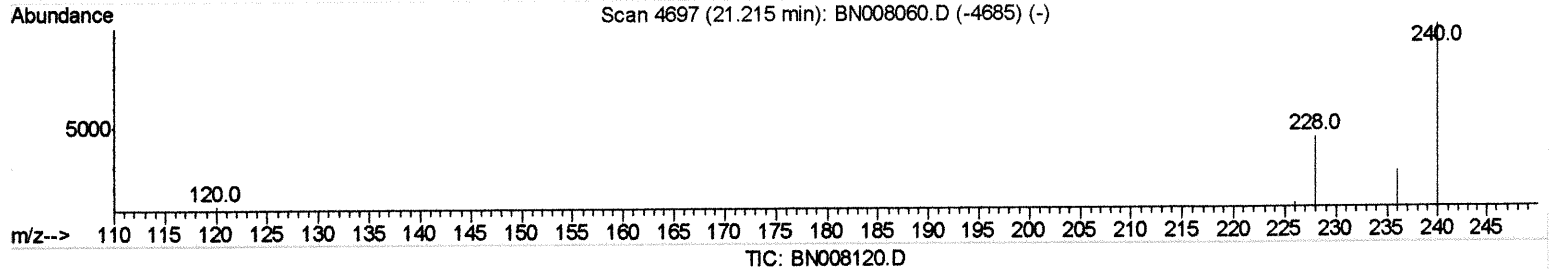
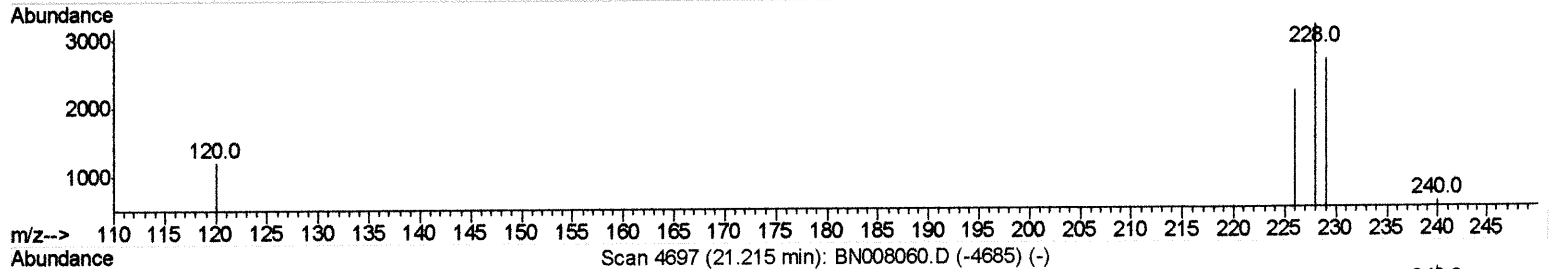
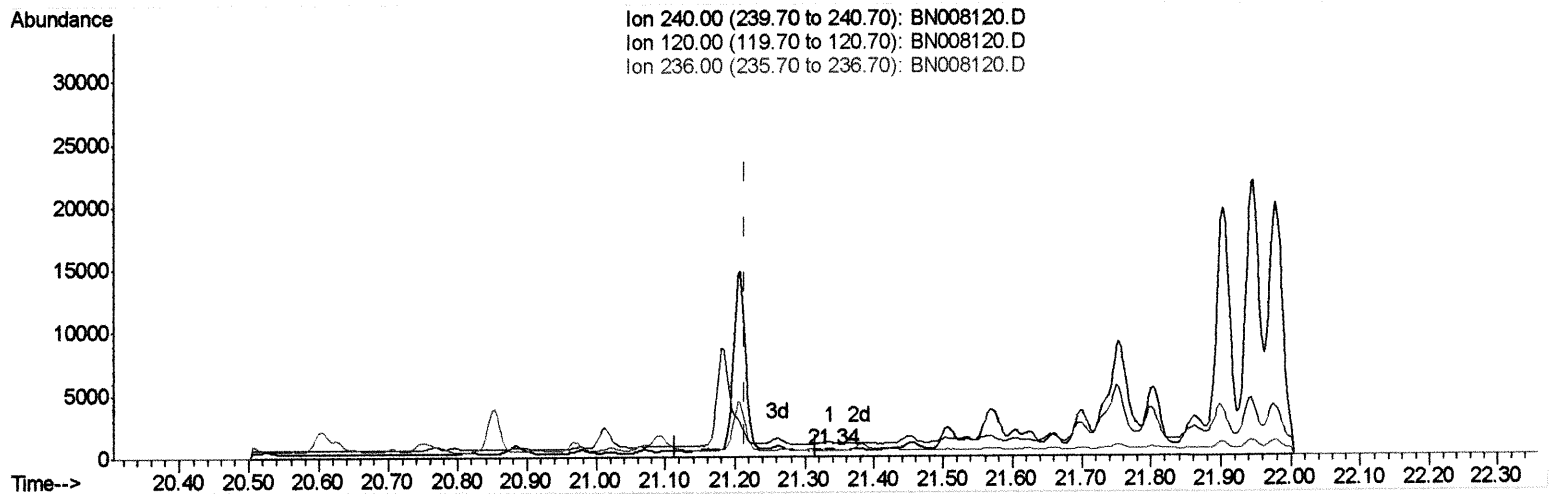
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(16) Chrysene-d12 (I)

21.338min (+0.123) 0.40ng/ul

response 288

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	209.39#
236.00	28.40	86.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

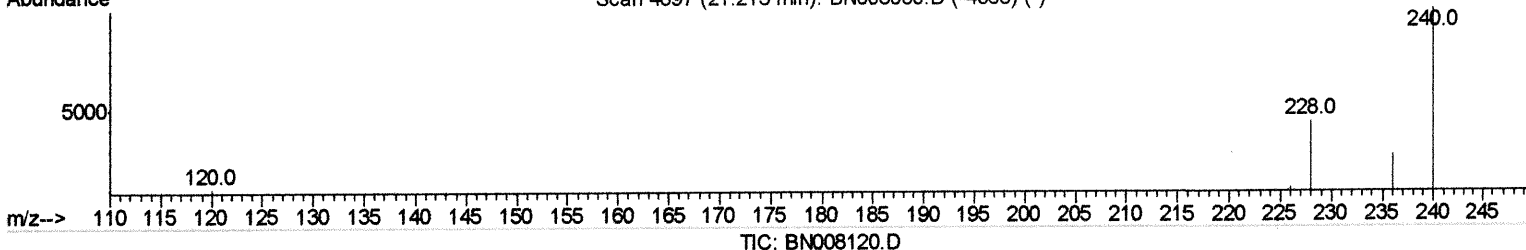
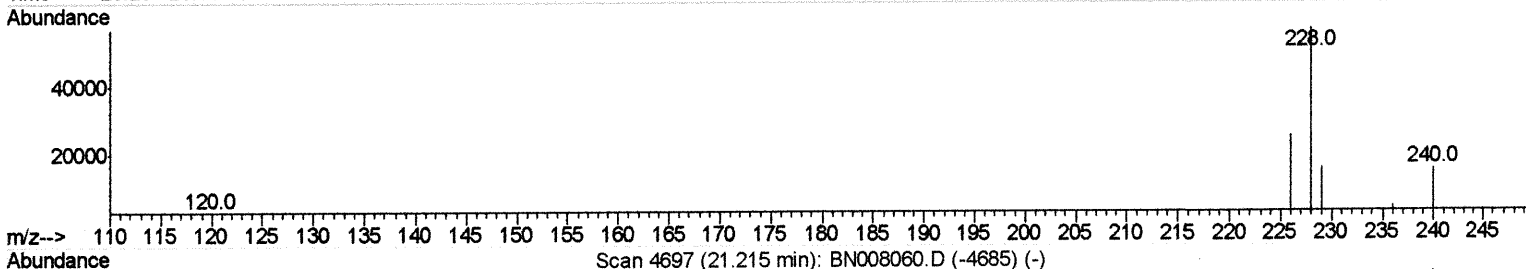
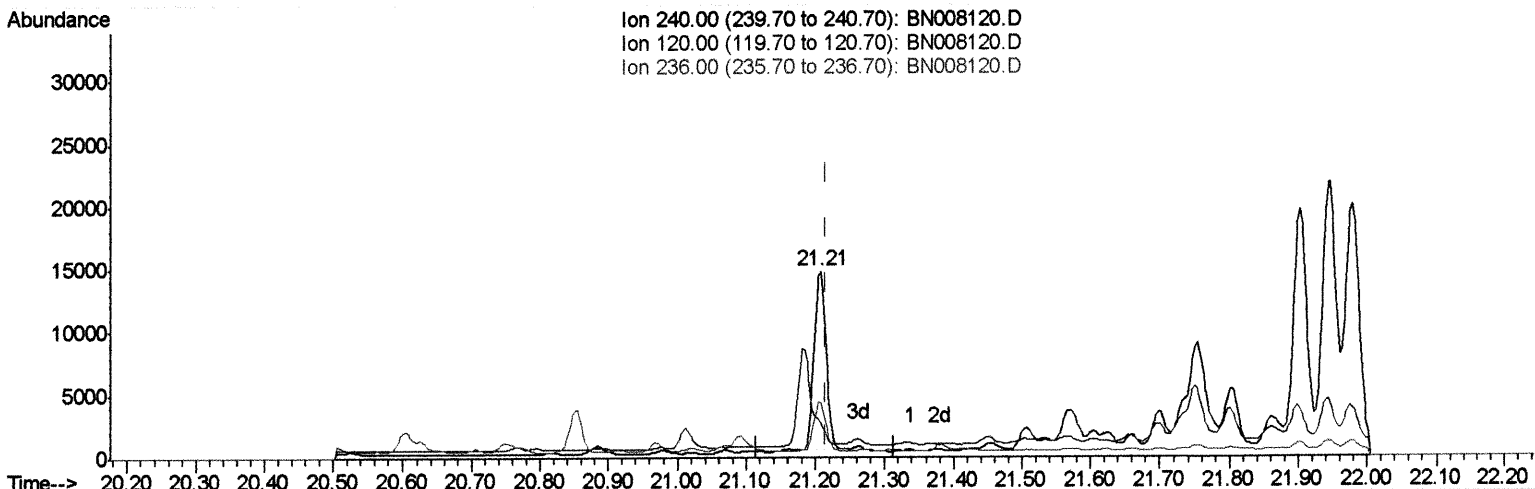
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(16) Chrysene-d12 (I)

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

response 17175

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	18.92#
236.00	28.40	29.52
0.00	0.00	0.00

Quantitation Report (Qedit)

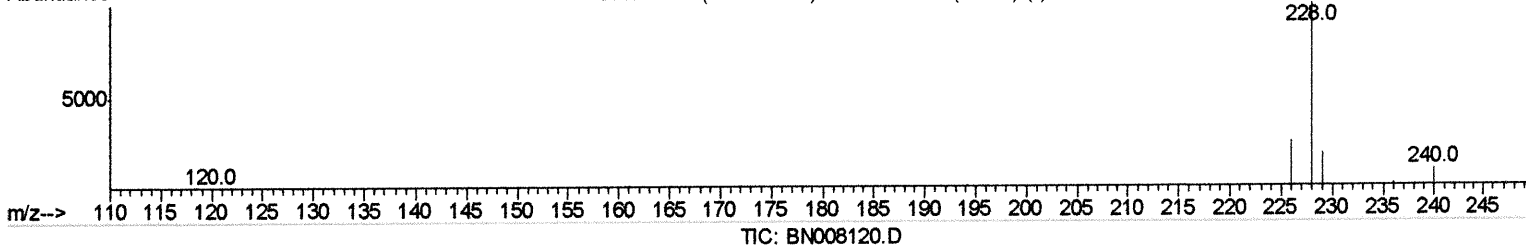
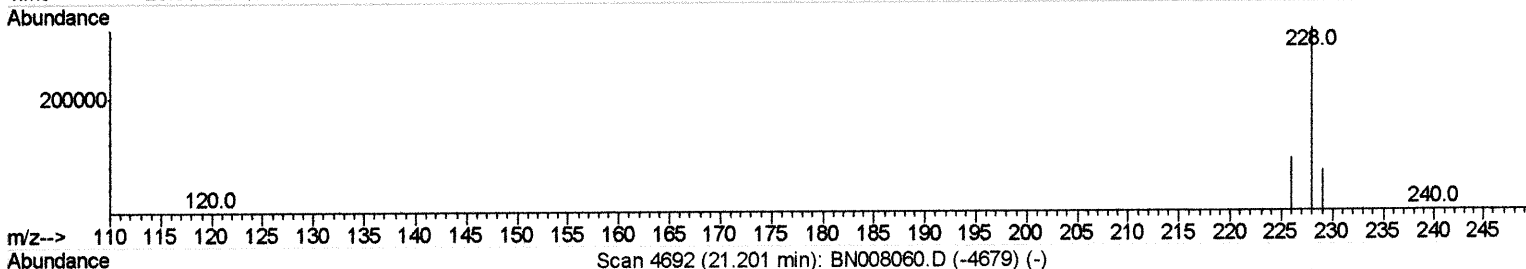
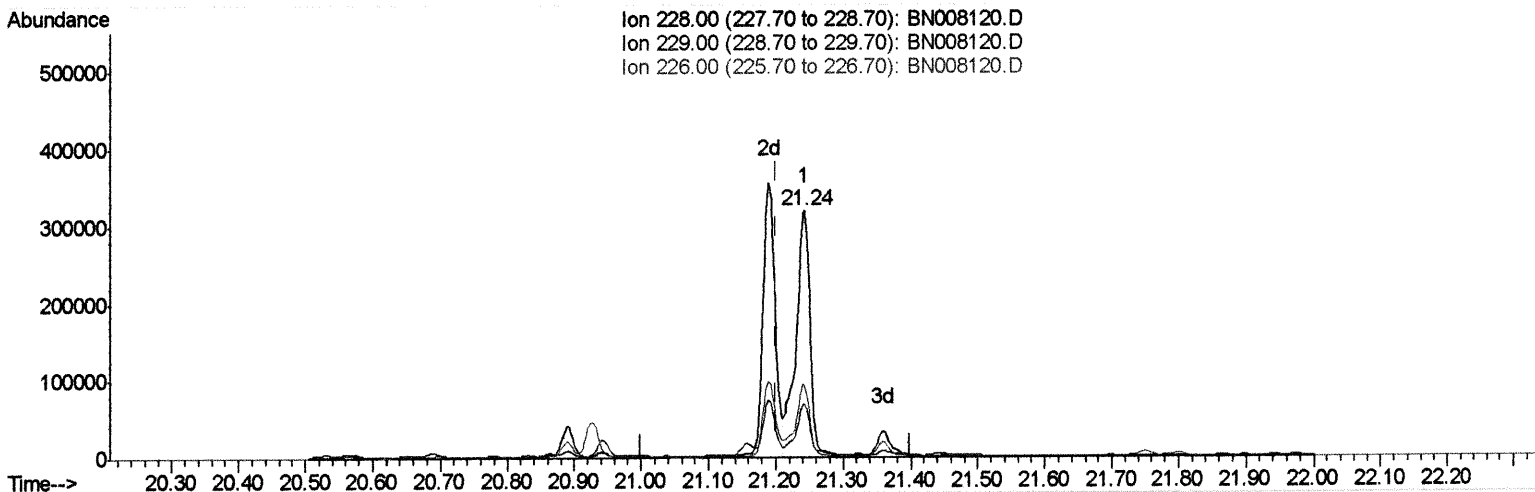
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 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:20:57 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) 7.38ng/ul
 response 461118

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.87
226.00	26.70	29.12
0.00	0.00	0.00

Quantitation Report (Qedit)

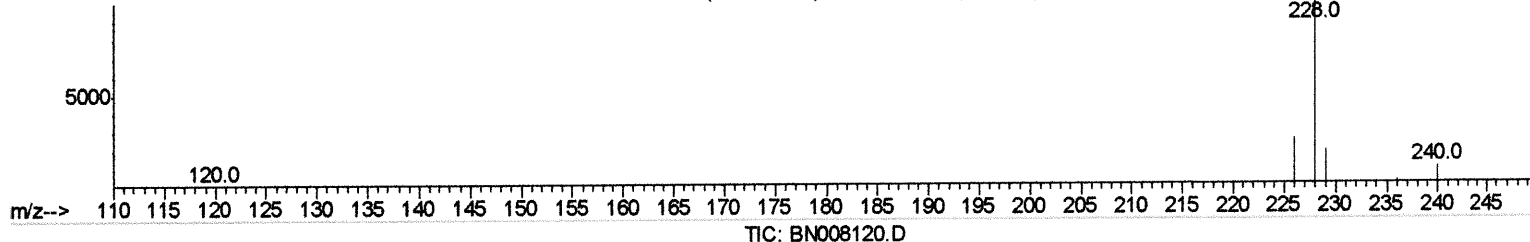
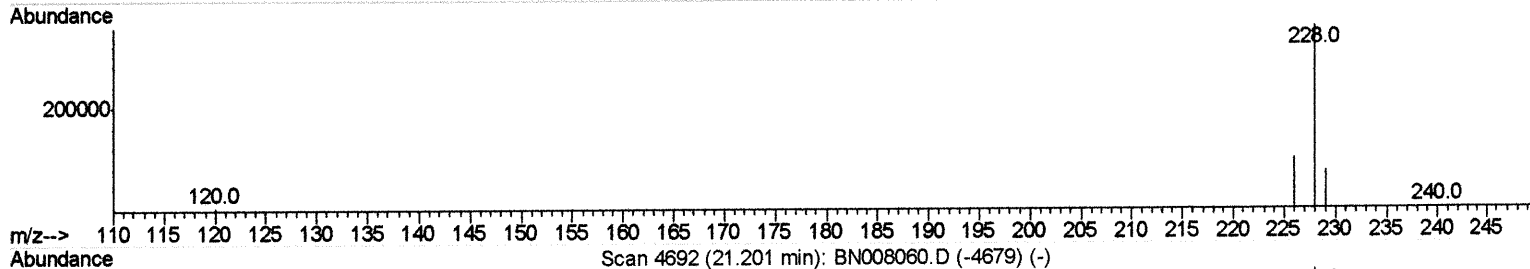
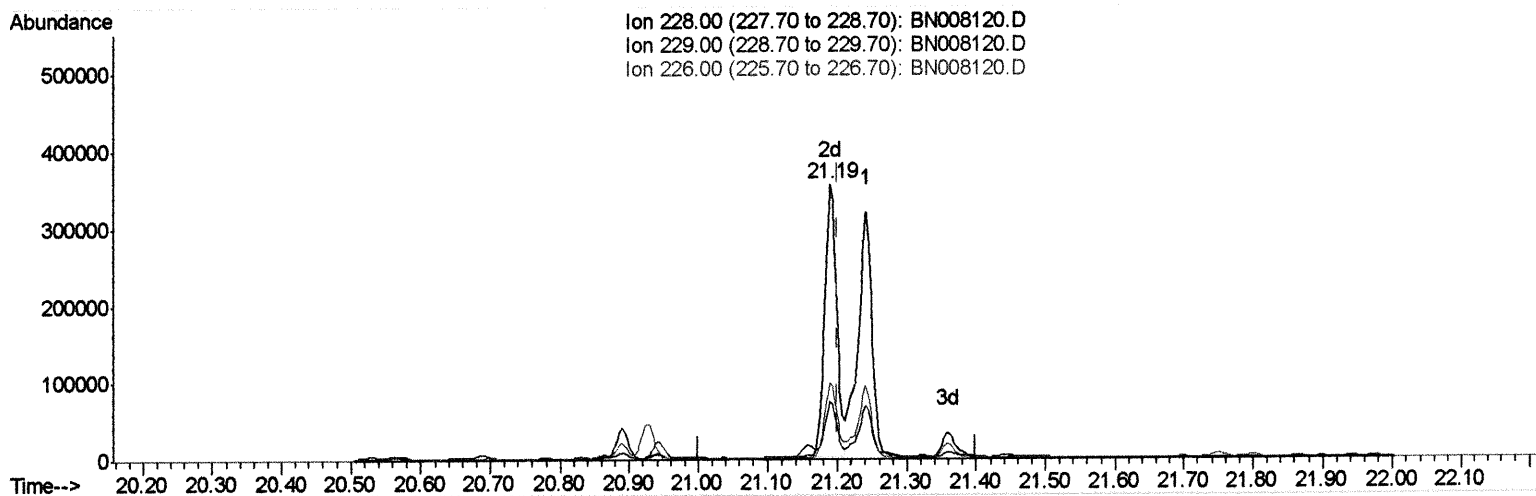
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008120.D
 Acq On : 12 Oct 2019 19:32
 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:20:57 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

21.189min (-0.012) 6.71ng/ul m_u 10/16/19

response 419289

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	20.98
226.00	26.70	27.72
0.00	0.00	0.00

Quantitation Report (Qedit)

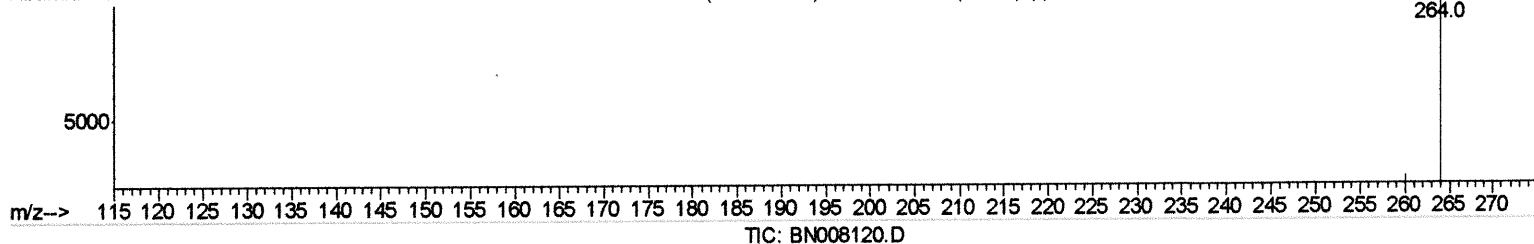
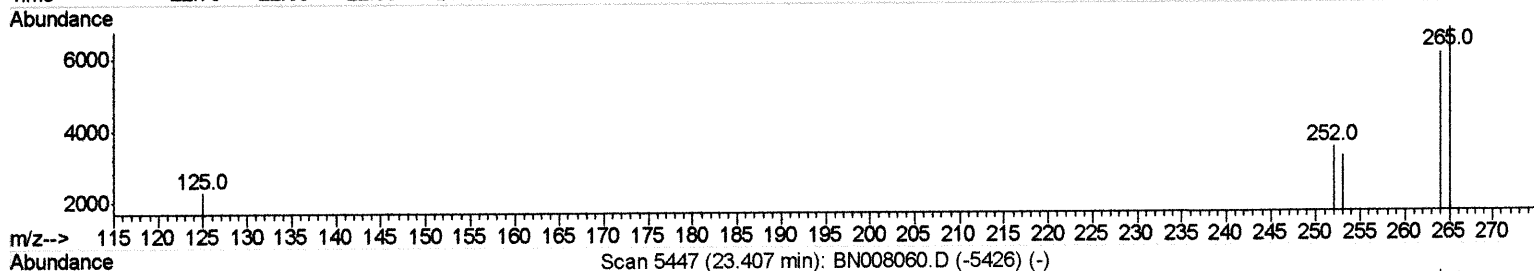
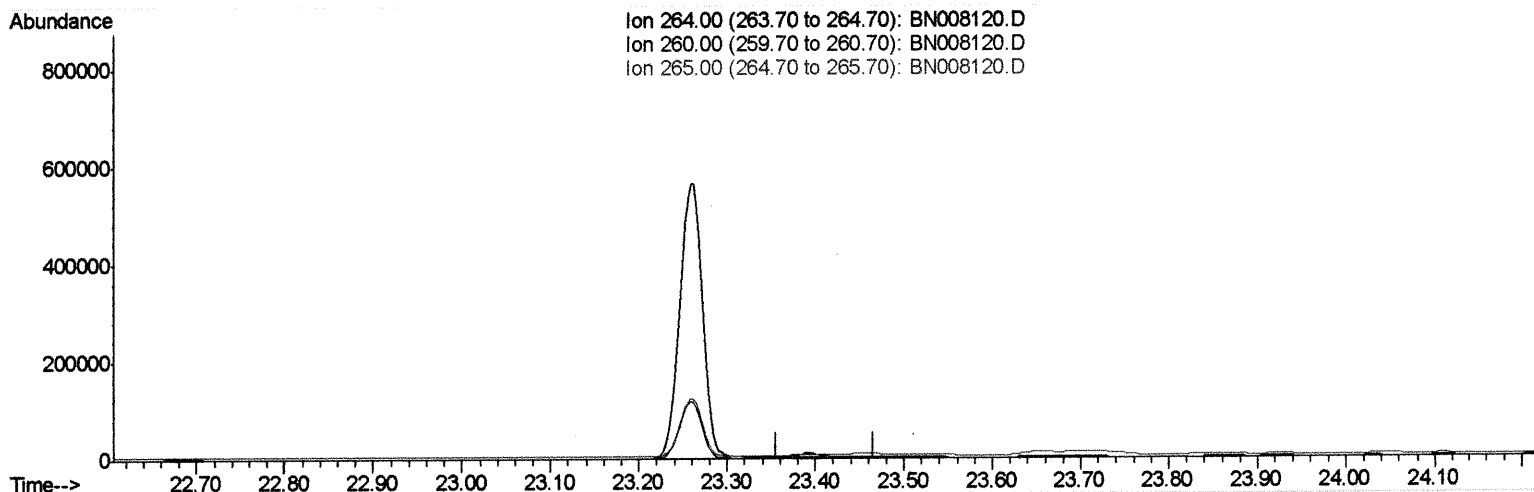
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008120.D
 Acq On : 12 Oct 2019 19:32
 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ3

Manual Integrations
 APPROVED

mohammad
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Quant Time: Oct 13 04:20:57 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

Quantitation Report (Qedit)

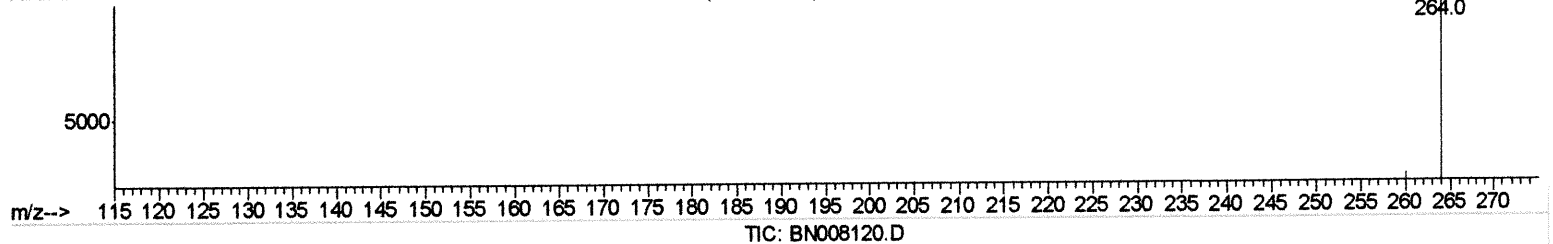
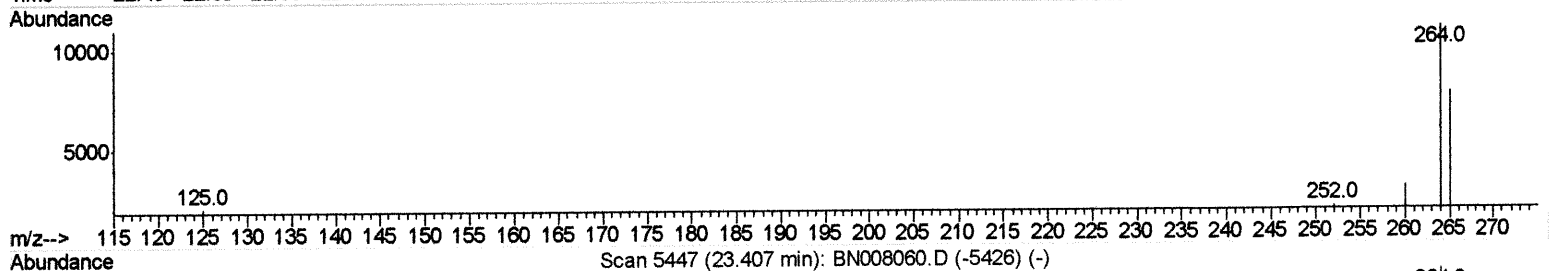
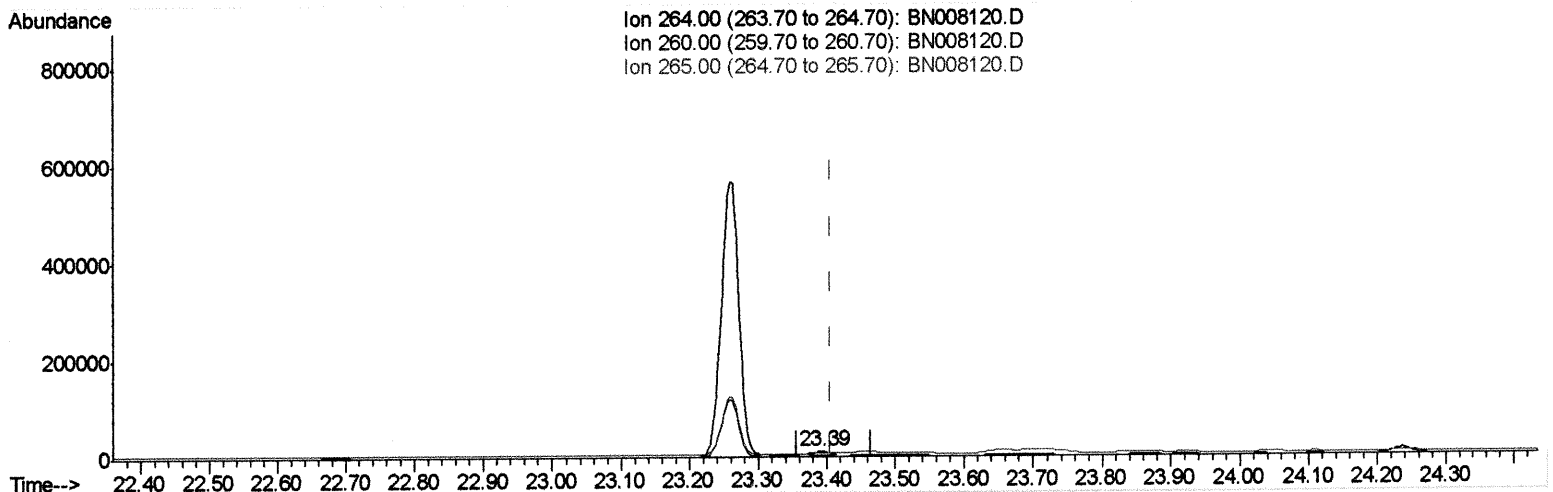
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008120.D
 Acq On : 12 Oct 2019 19:32
 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:20:57 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)

23.393min (-0.014) 0.40ng/ul m *P4 10/16/19*

response 15482

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.91
265.00	74.00	69.83
0.00	0.00	0.00

Quantitation Report (Qedit)

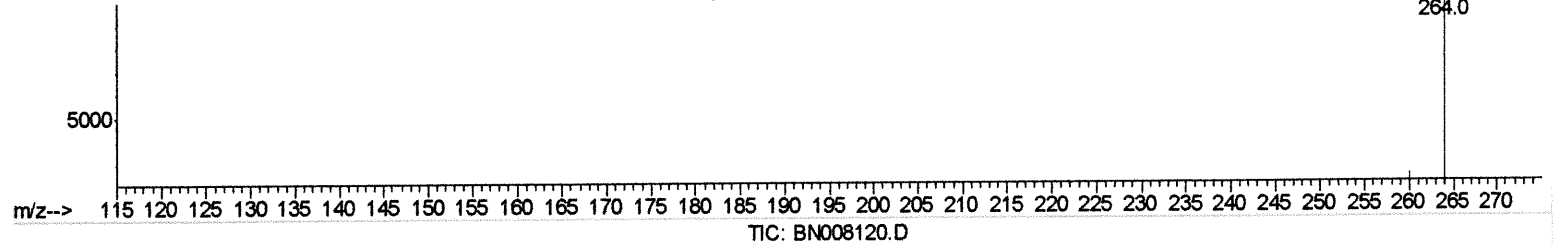
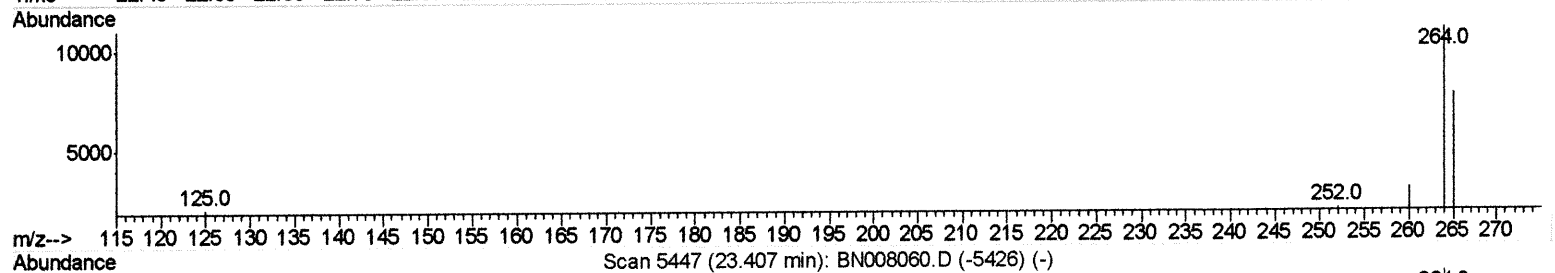
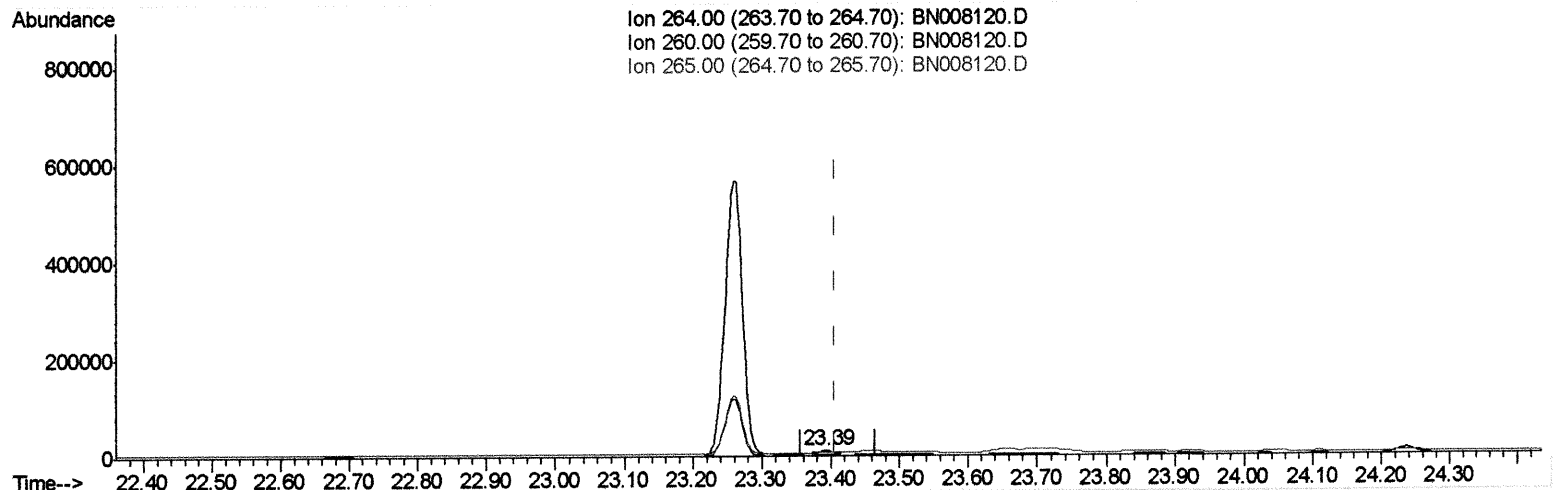
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008120.D
 Acq On : 12 Oct 2019 19:32
 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:20:57 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)

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

response 15482

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.91
265.00	74.00	69.83
0.00	0.00	0.00

Quantitation Report (Qedit)

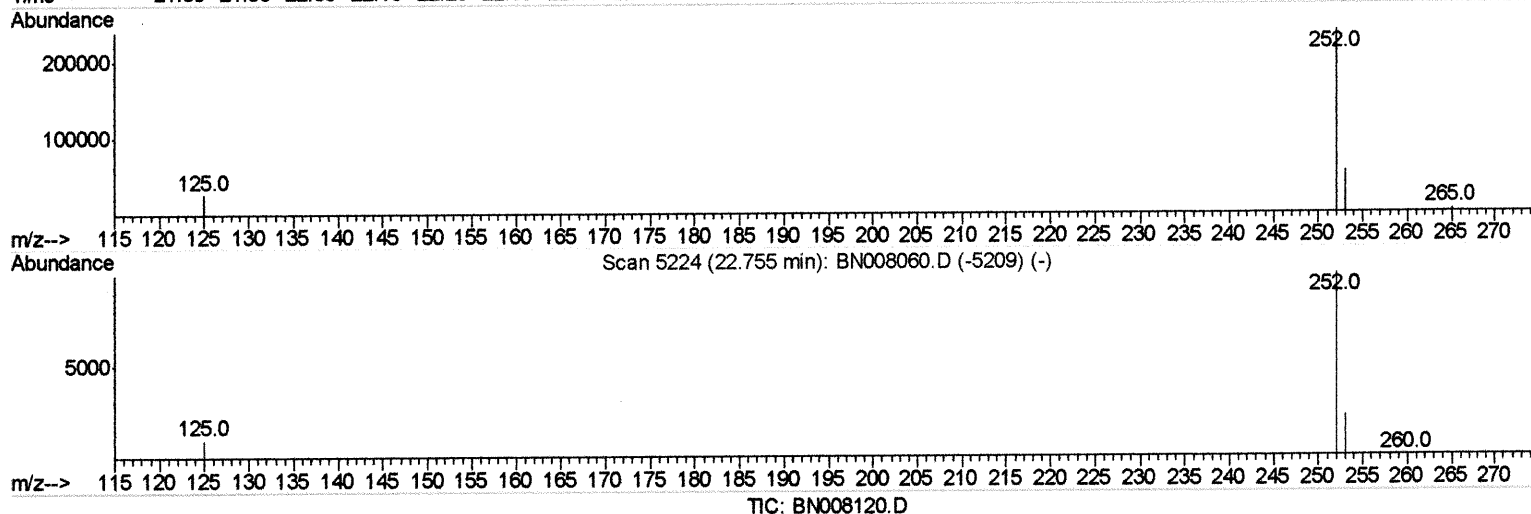
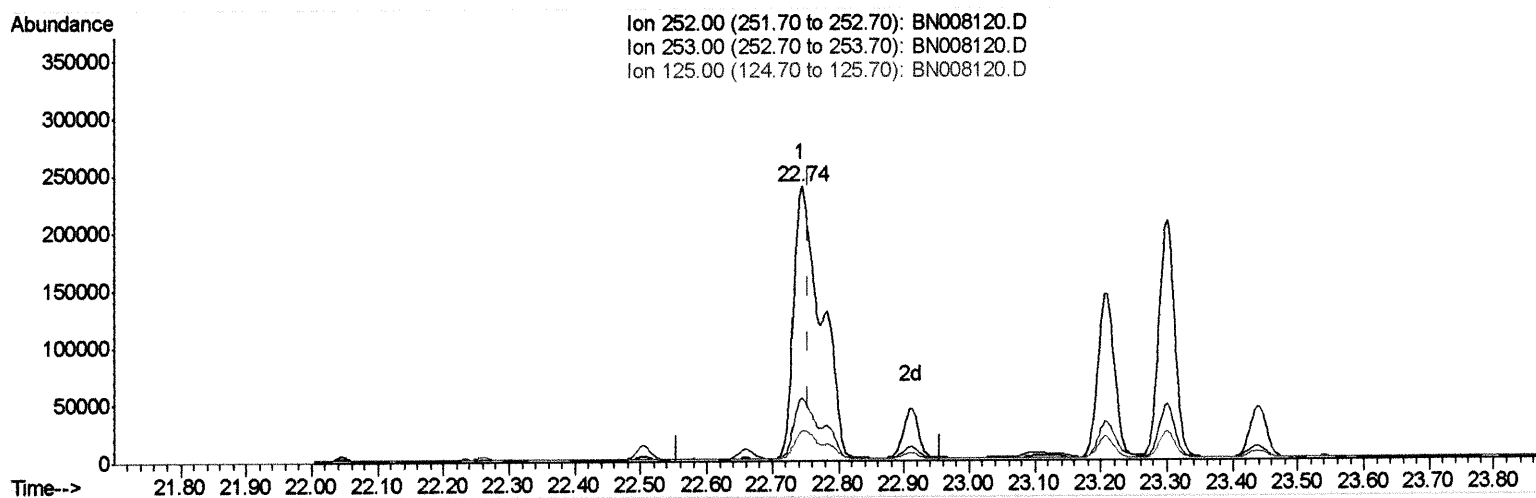
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008120.D
Acq On : 12 Oct 2019 19:32
Operator : JU
Sample : K5178-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPJ3

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:20:57 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) 13.64ng/ul

response 687368

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.03
125.00	16.20	10.85
0.00	0.00	0.00

Quantitation Report (Qedit)

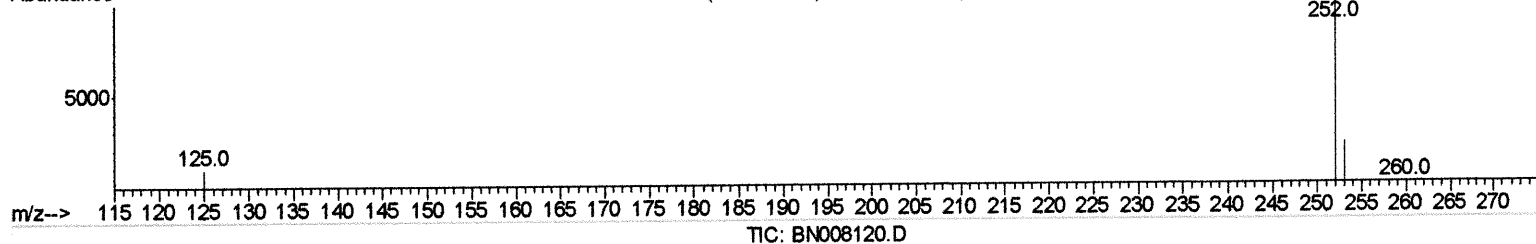
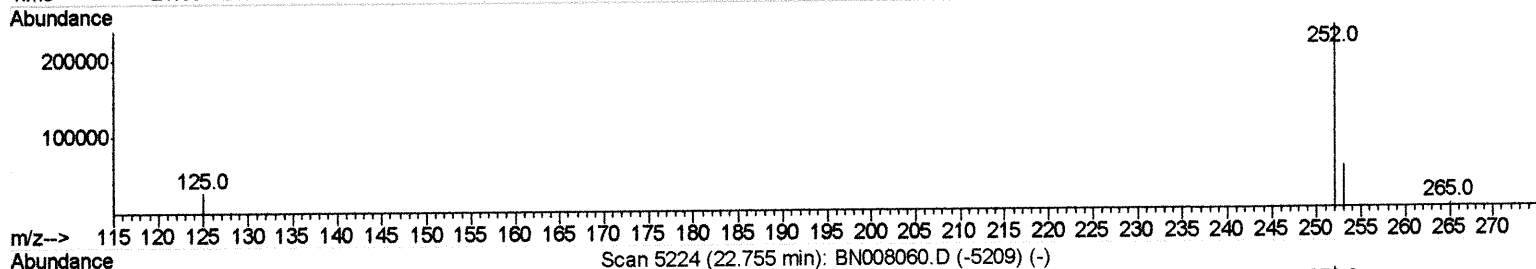
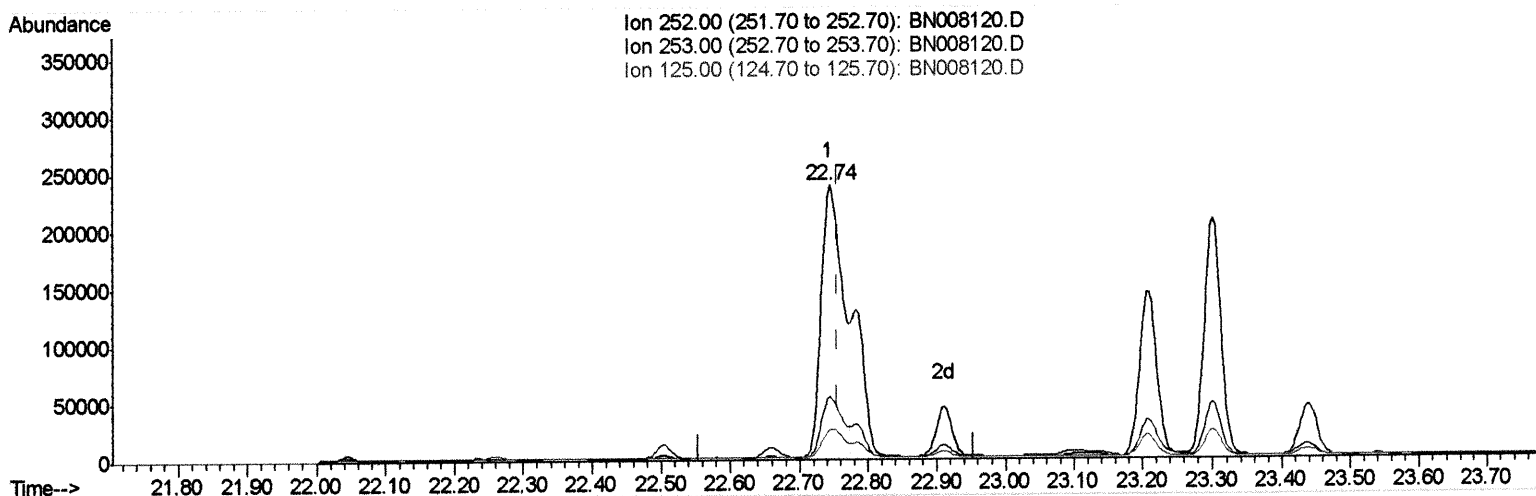
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008120.D
 Acq On : 12 Oct 2019 19:32
 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BEPJ3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:20:57 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) 10.20ng/ul m

JU 10/16/19

response 513921

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.03
125.00	16.20	10.85
0.00	0.00	0.00

Quantitation Report (Qedit)

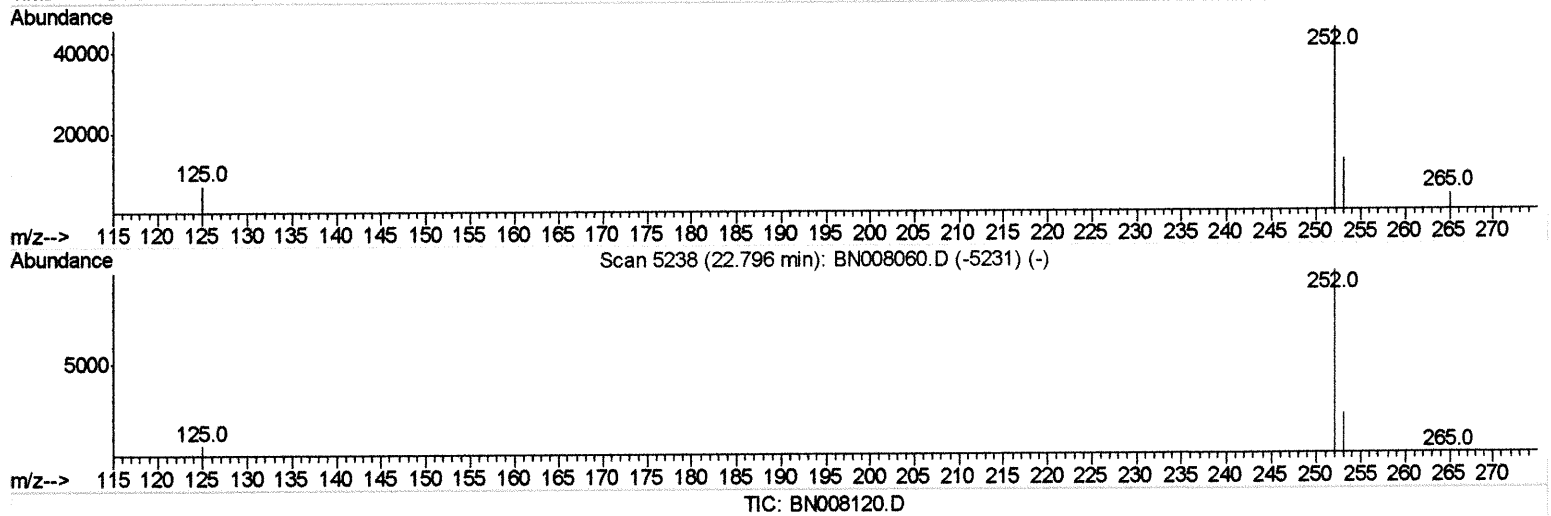
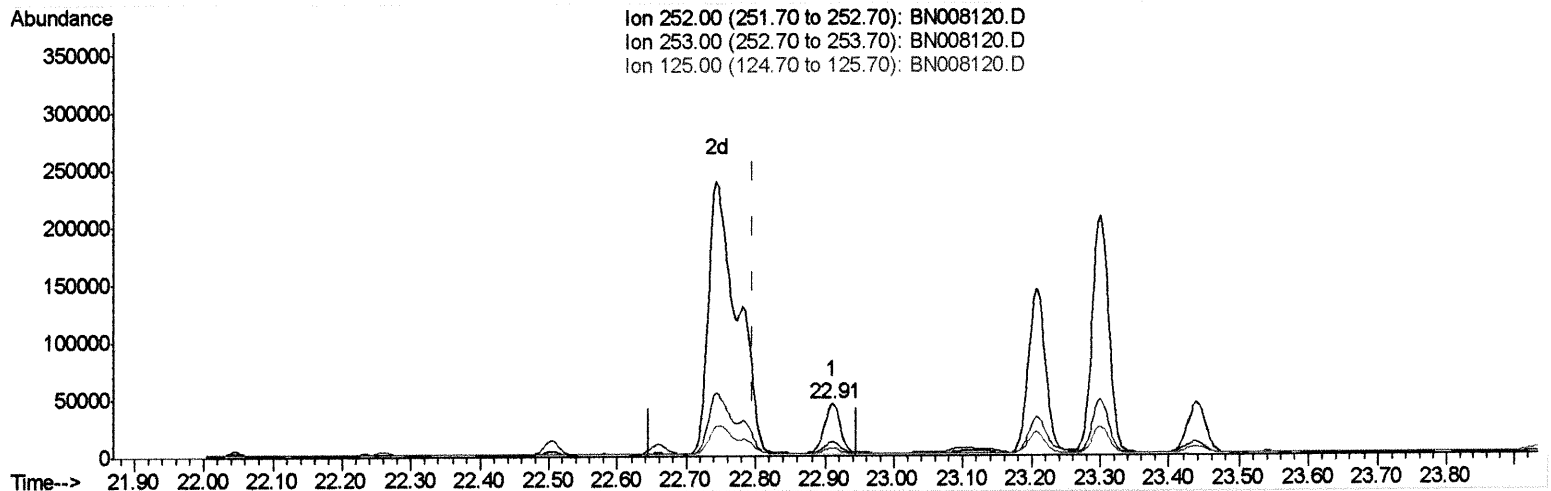
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008120.D
 Acq On : 12 Oct 2019 19:32
 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ3

Manual Integrations
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mohammad
 10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:20:57 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
 22.910min (+0.114) 1.19ng/ul
 response 67785

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.23
125.00	15.40	15.35
0.00	0.00	0.00

Quantitation Report (Qedit)

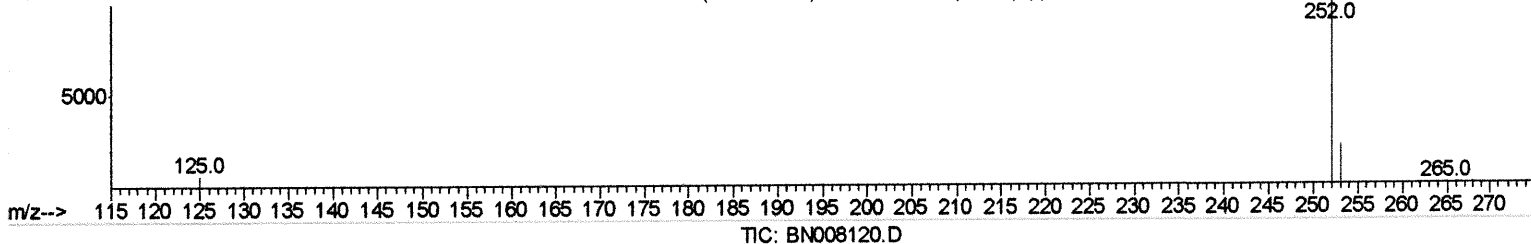
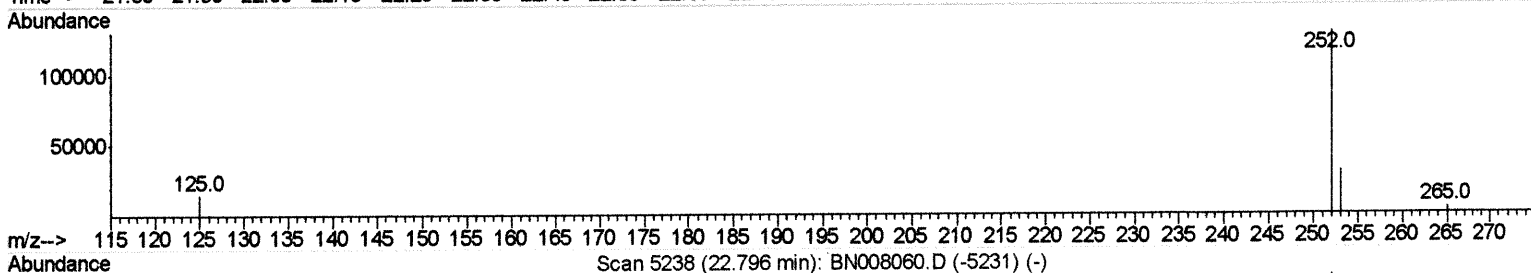
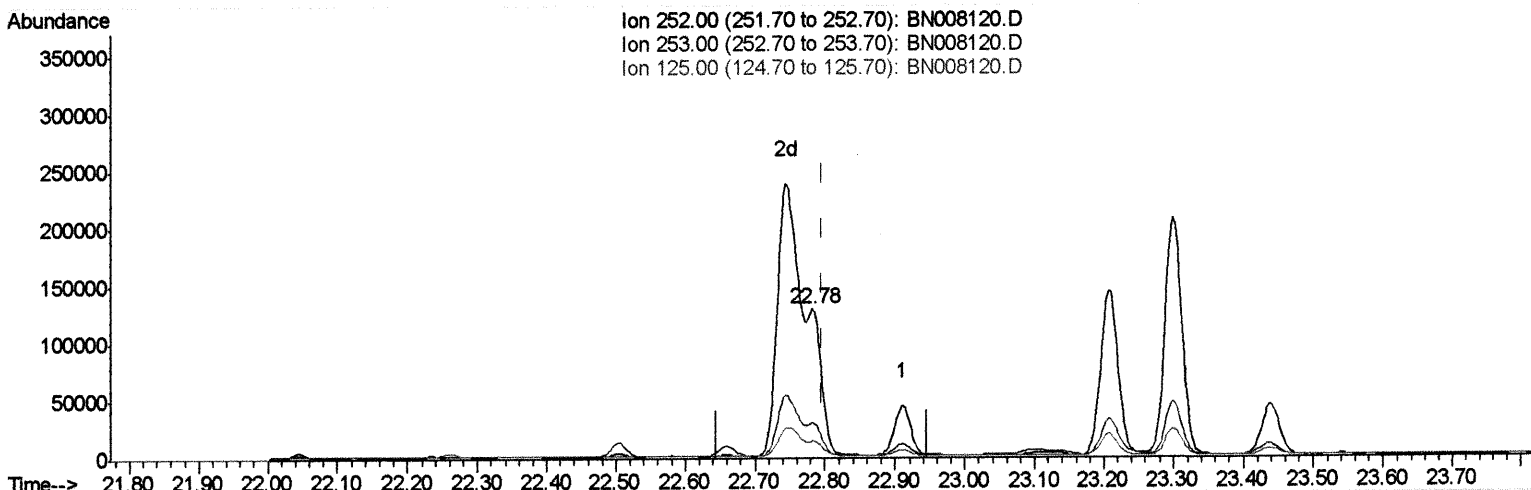
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008120.D
 Acq On : 12 Oct 2019 19:32
 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:20:57 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) 2.89ng/ul m *24 10/16/19*

response 164796

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.88
125.00	15.40	11.47#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008120.D
 Acq On : 12 Oct 2019 19:32
 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPJ3

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:22:51 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2244	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	10977	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7190	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	16864m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	17175m	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	15482m	0.40	ng/ul	-0.01

Ju 10/16/19

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3883	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	14009m	0.24	ng/ul	0.00

Ju 10/16/19

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.44	128	5614	0.180	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	3434	0.160	ng/ul	99
7) Acenaphthylene	13.98	152	24007	0.701	ng/ul	99
8) Acenaphthene	14.32	153	8227	0.309	ng/ul	100
9) Fluorene	15.31	166	11831	0.391	ng/ul	97
12) Phenanthrene	17.05	178	266925m	5.406	ng/ul	}
13) Anthracene	17.14	178	53779m	1.238	ng/ul	
15) Fluoranthene	19.07	202	735265m	11.275	ng/ul	
17) Pyrene	19.44	202	711280	10.401	ng/ul	98
18) Benzo(a)anthracene	21.19	228	419289m	6.715	ng/ul	97
19) Chrysene	21.24	228	459161	5.992	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	513921m	10.197	ng/ul	}
22) Benzo(k)fluoranthene	22.78	252	164796m	2.887	ng/ul	
23) Benzo(a)pyrene	23.30	252	350444	6.608	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.57	276	190128	3.044	ng/ul	98
25) Dibenzo(a,h)anthracene	25.57	278	50462	1.022	ng/ul	99
26) Benzo(a,h,i)perylene	26.23	276	186238	3.251	ng/ul	98

Ju 10/16/19

Ju 10/16/19

Ju 10/16/19

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008120.D
Acq On : 12 Oct 2019 19:32
Operator : JU
Sample : K5178-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPJ3

Manual Integrations
APPROVED

mohammad
10/15/2019 7:59:12 AM

Quant Time: Oct 13 04:22:51 2019
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QLast Update : Fri Oct 11 19:05:54 2019
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