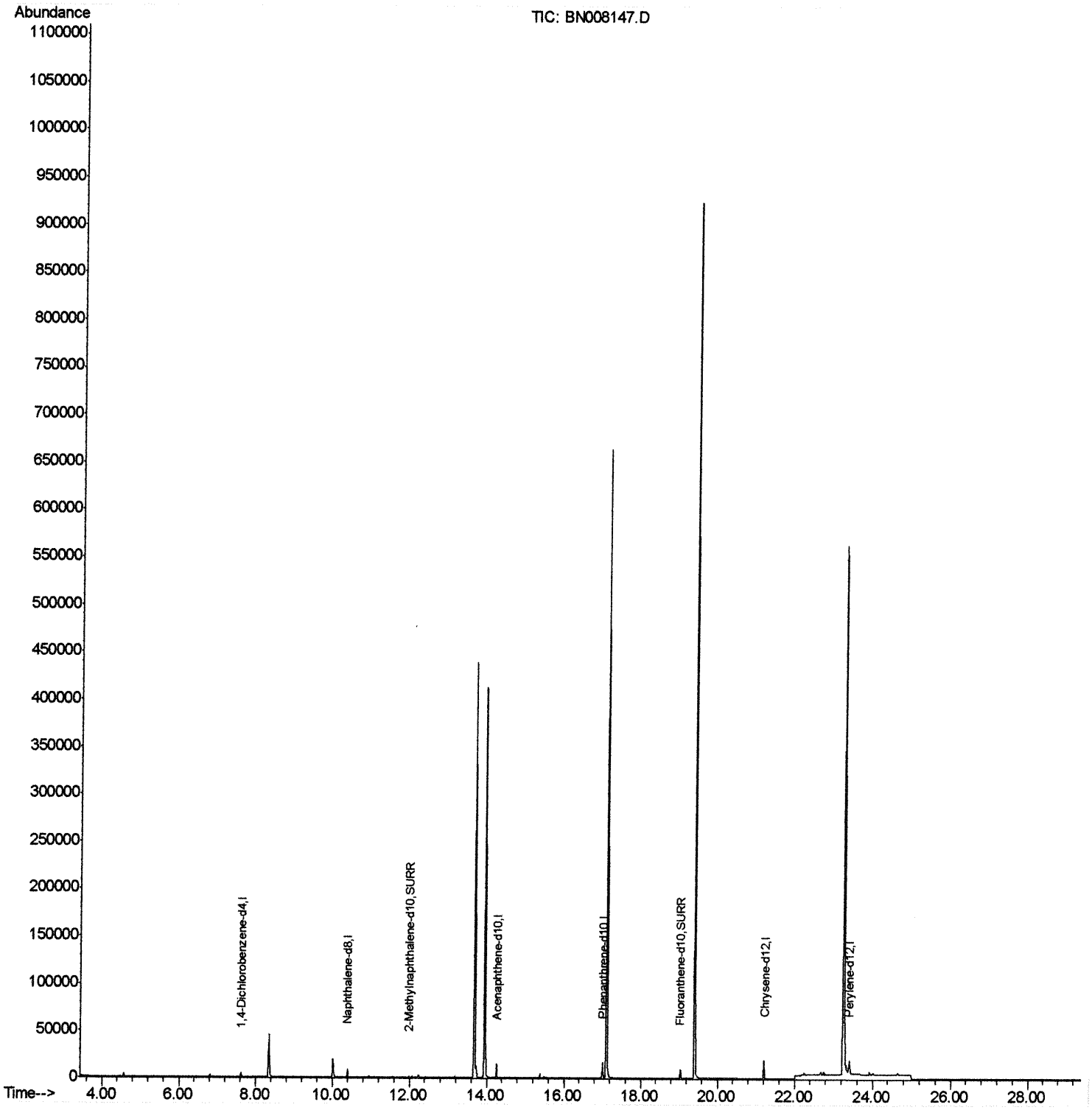
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008147.D
Acq On : 14 Oct 2019 22:48
Operator : JU
Sample : K5096-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 15 04:06:48 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMJ3

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:22 PM



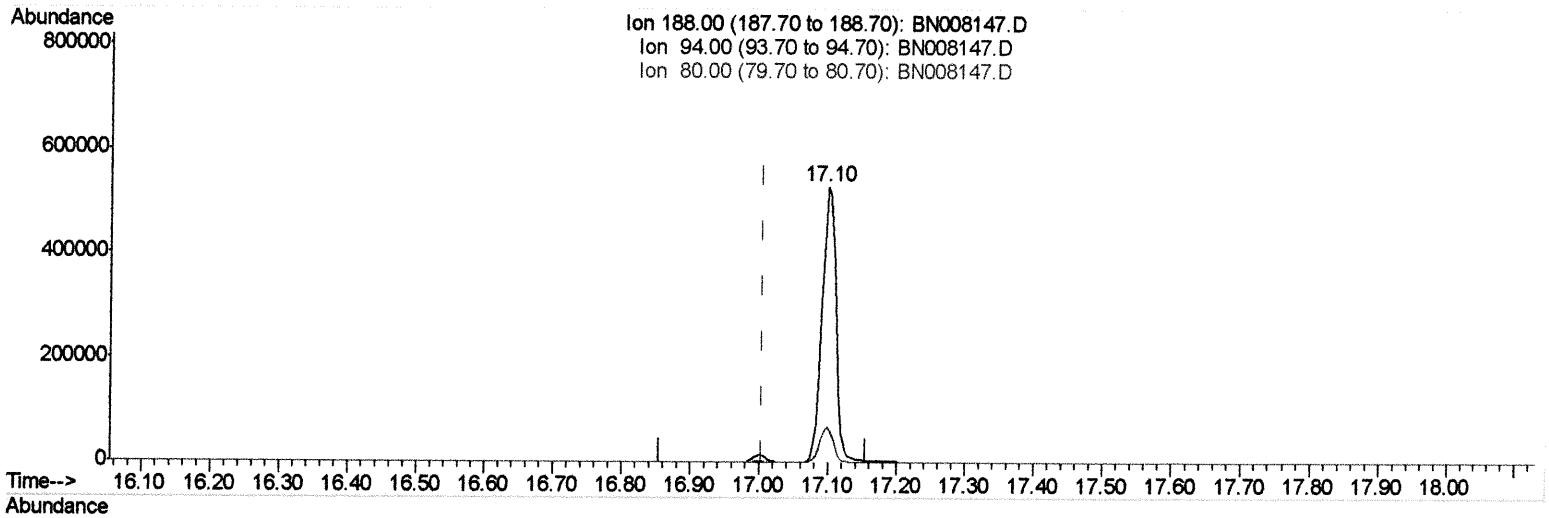
Quantitation Report (Qedit)

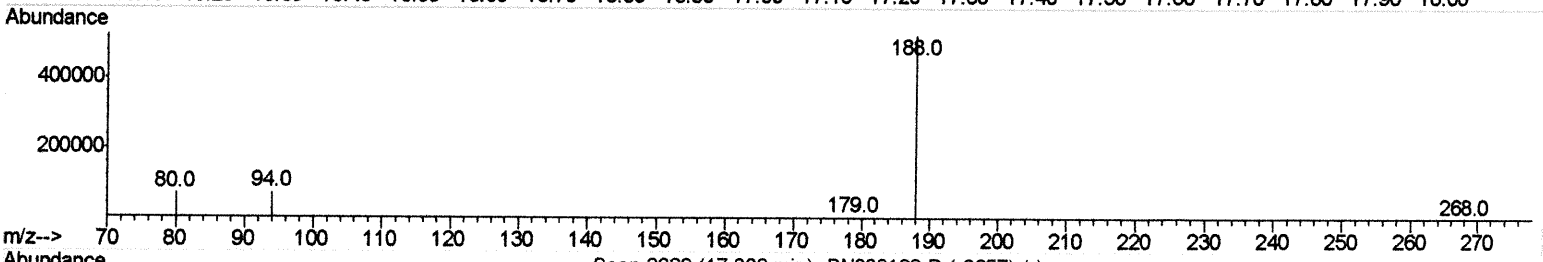
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008147.D
Acq On : 14 Oct 2019 22:48
Operator : JU
Sample : K5096-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

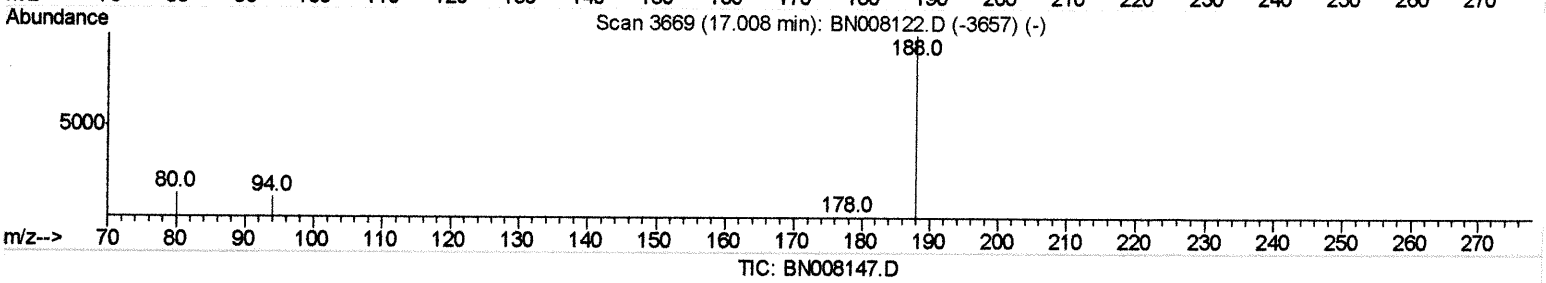
Quant Time: Oct 15 03:02:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMJ3

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:22 PM







TIC: BN008147.D

(10) Phenanthrene-d10 (I)

17.097min (+0.093) 0.40ng/ul

response 734693

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	13.03
80.00	12.60	12.78
0.00	0.00	0.00

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Instrument :
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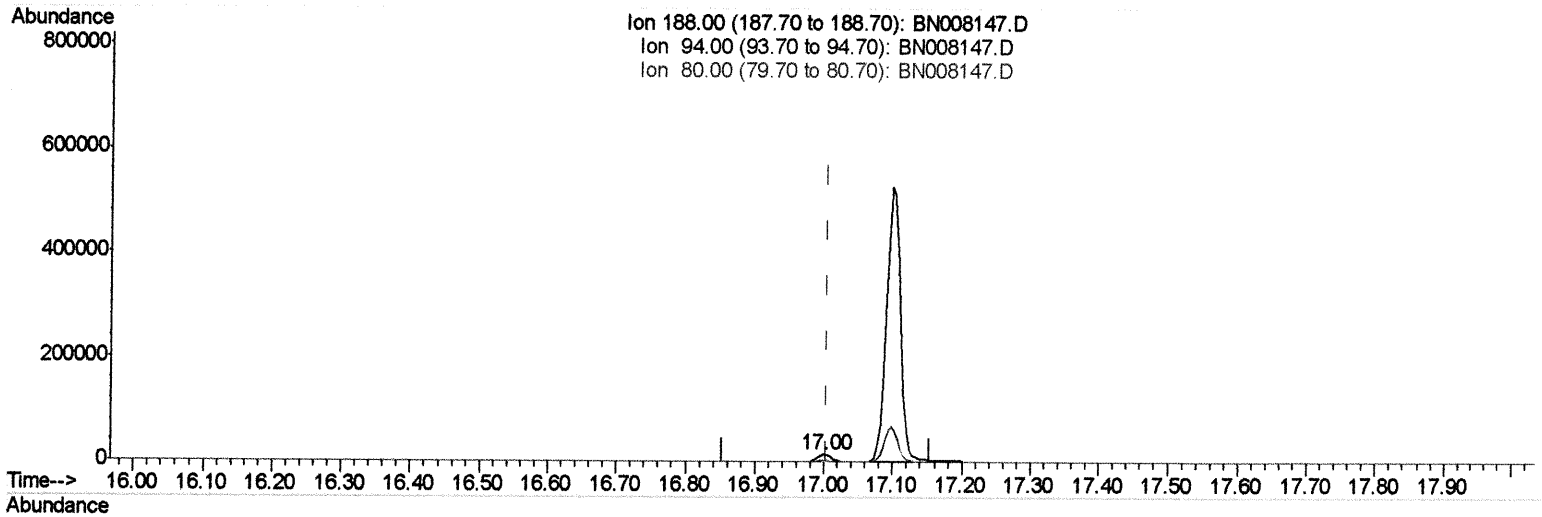
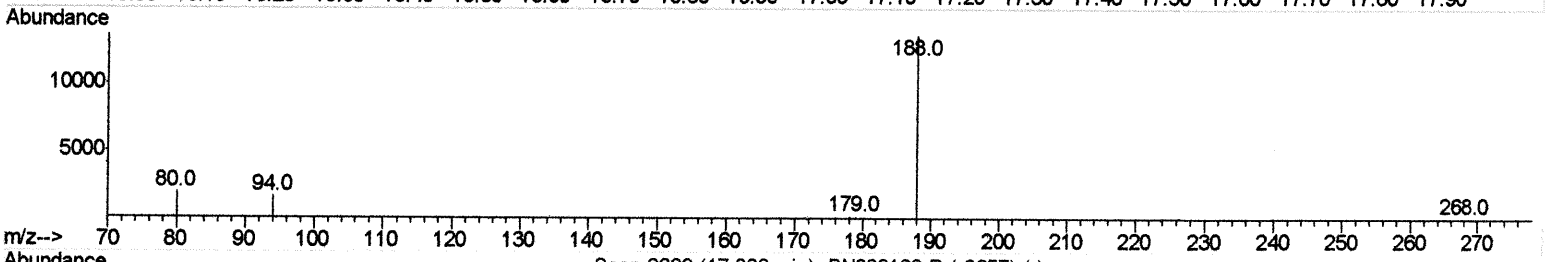
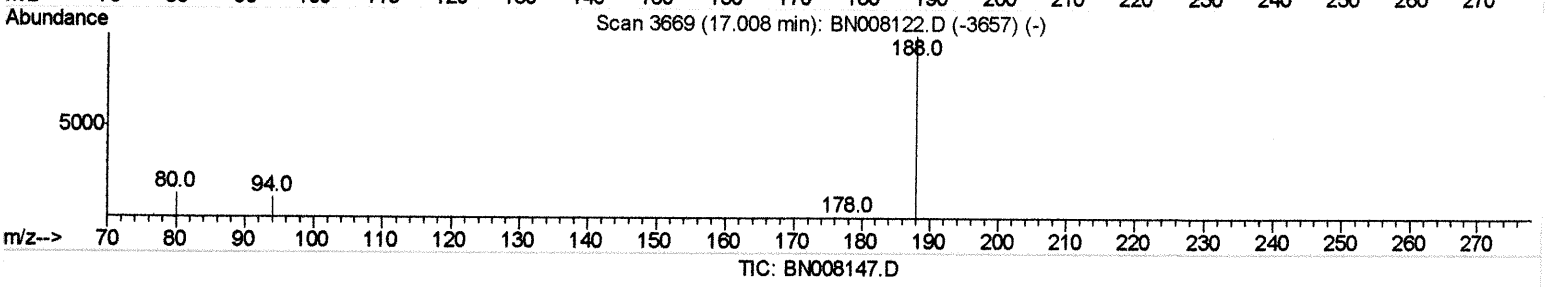
ClientSampleId :
JLMJ3

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:22 PM







TIC: BN008147.D

(10) Phenanthrene-d10 (I)

17.000min (-0.004) 0.40ng/ul m JU 10/16/19

response 19052

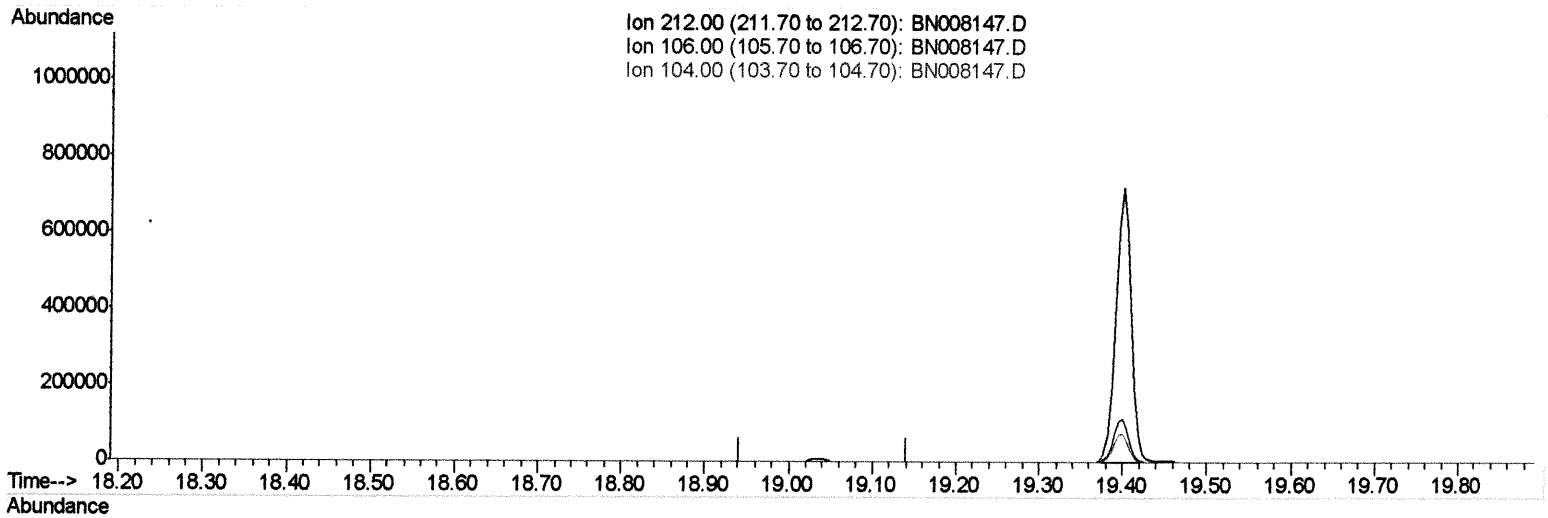
Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.81
80.00	12.60	13.75
0.00	0.00	0.00

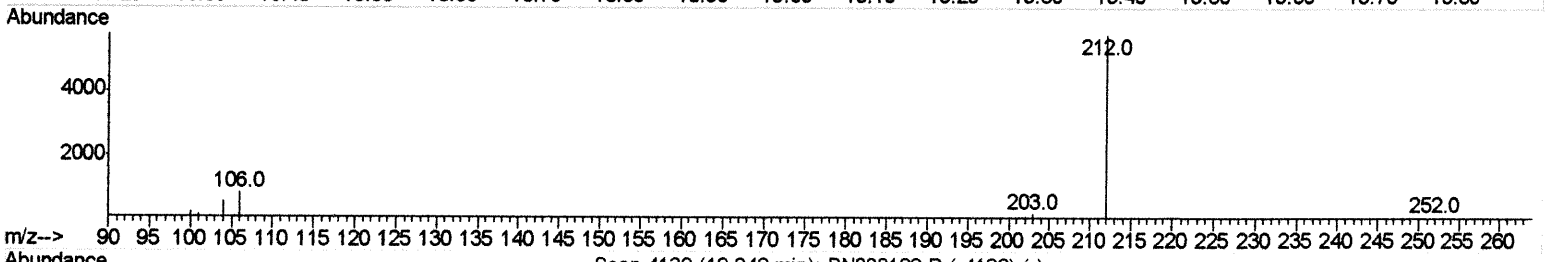
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008147.D
Acq On : 14 Oct 2019 22:48
Operator : JU
Sample : K5096-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

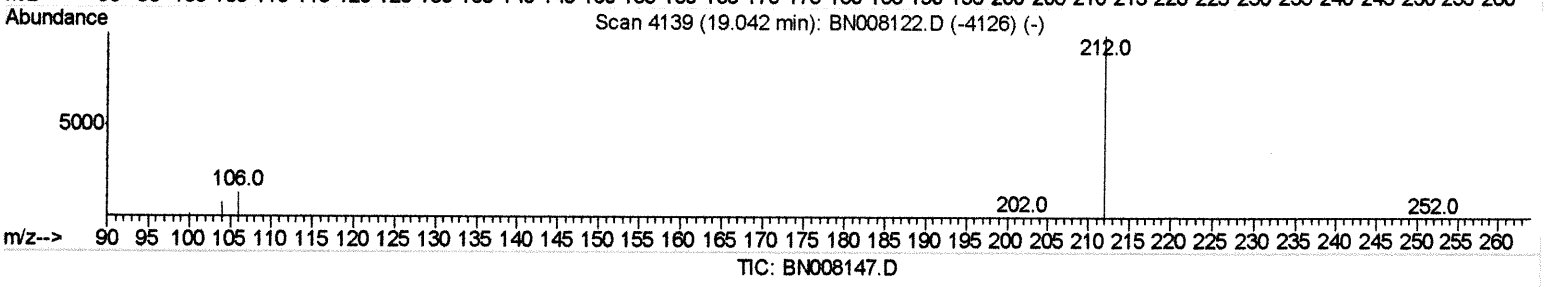
Quant Time: Oct 15 04:04:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMJ3

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:22 PM







(14) Fluoranthene-d10 (SURR)

19.042min (-19.042) 0.00ng/ul

response 0

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

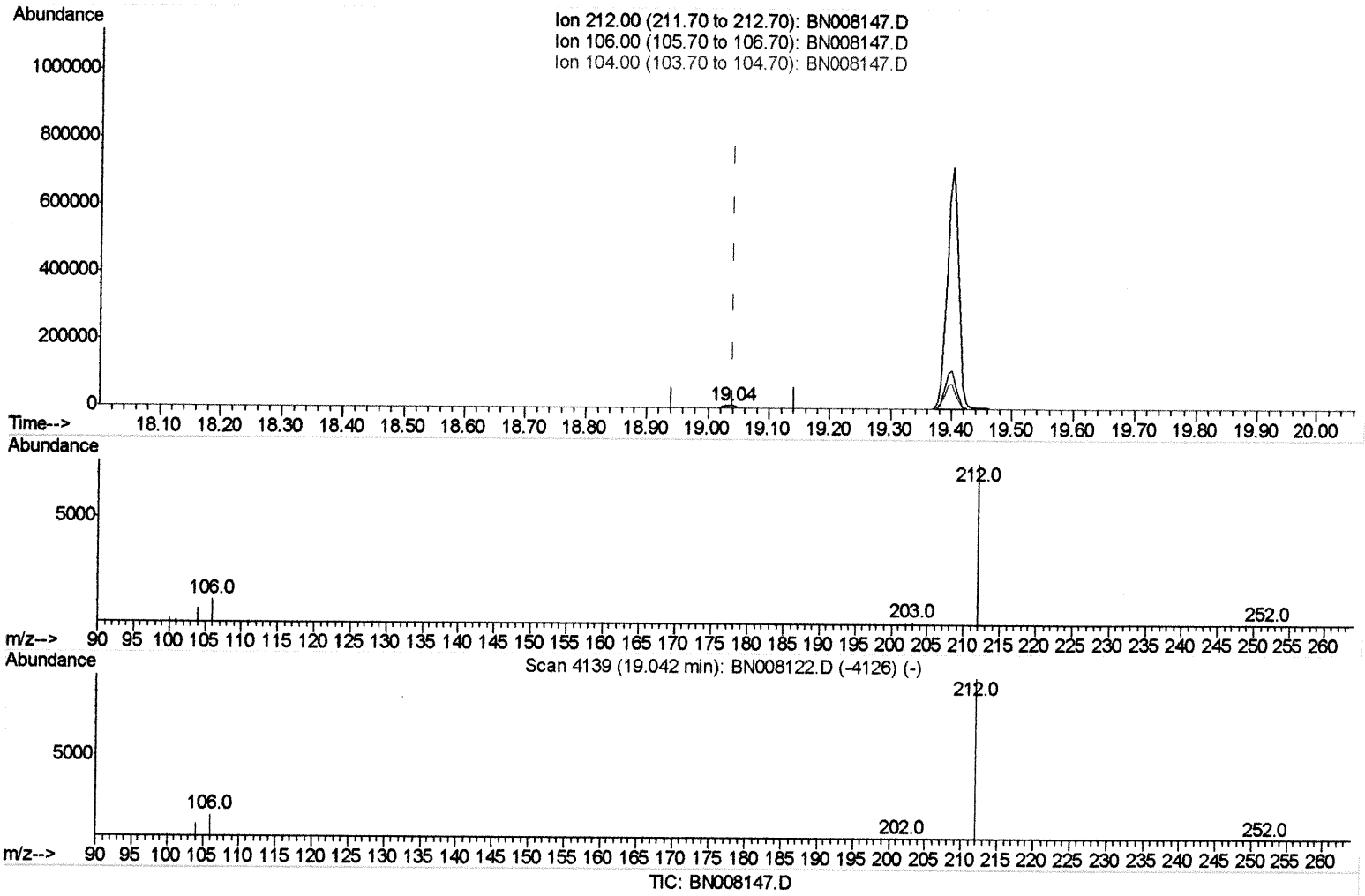
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008147.D
Acq On : 14 Oct 2019 22:48
Operator : JU
Sample : K5096-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 15 04:04:24 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMJ3

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:22 PM



TIC: BN008147.D

(14) Fluoranthene-d10 (SURR)

19.037min (-0.005) 0.16ng/ul m JM 10/16/19

response 10503

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

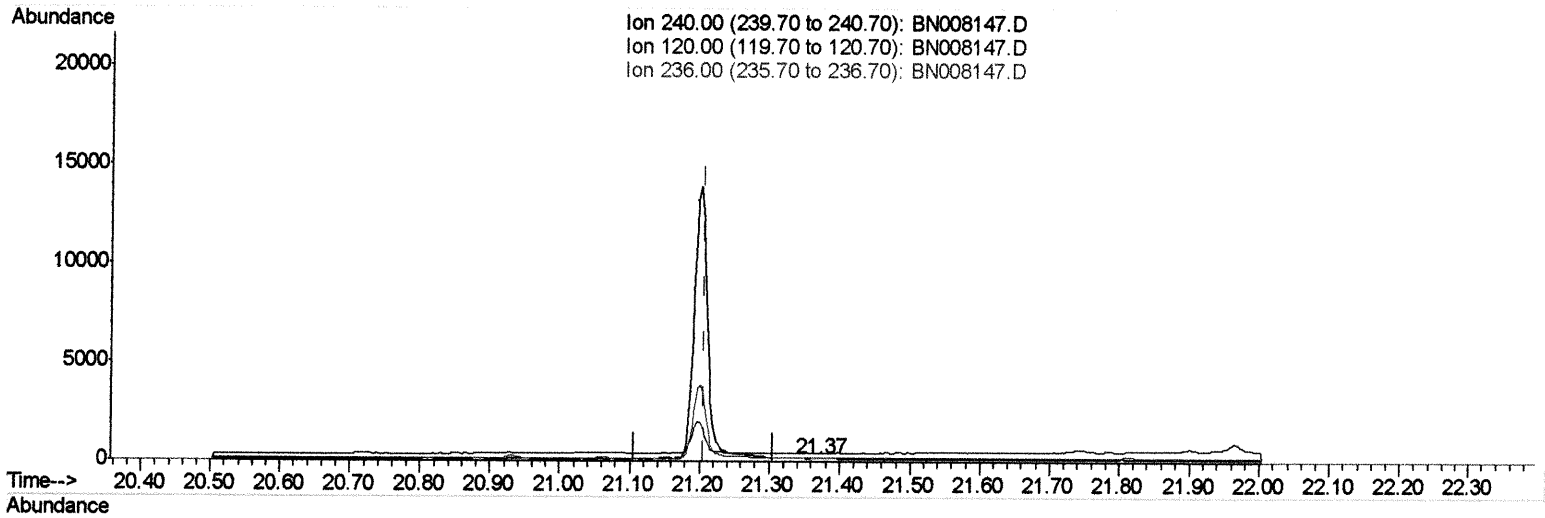
Quantitation Report (Qedit)

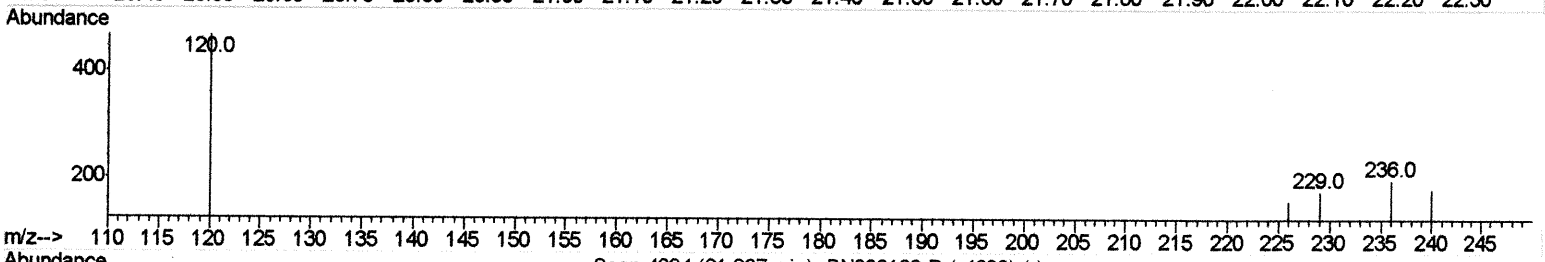
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008147.D
Acq On : 14 Oct 2019 22:48
Operator : JU
Sample : K5096-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

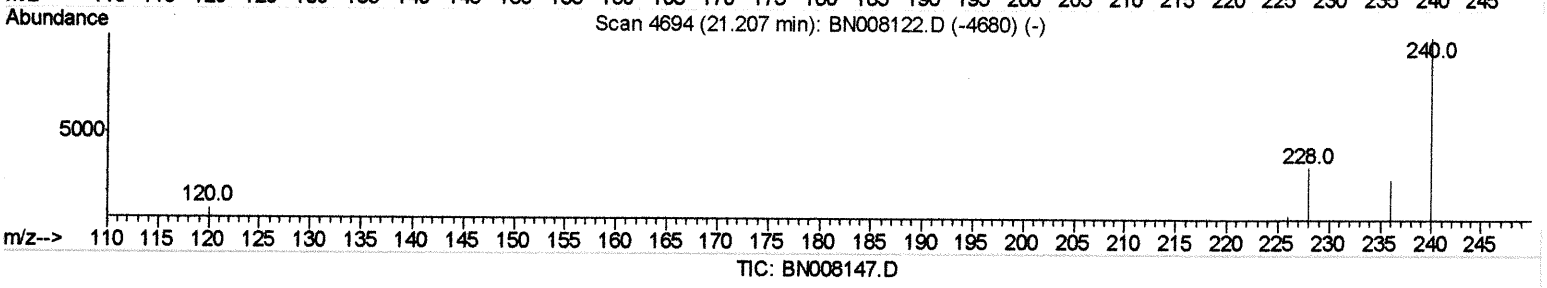
Quant Time: Oct 15 04:04:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMJ3

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:22 PM







(16) Chrysene-d12 (I)

21.370min (+0.164) 0.40ng/ul

response 49

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	259.44#
236.00	28.40	108.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN008147.D
Acq On : 14 Oct 2019 22:48
Operator : JU
Sample : K5096-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 15 04:04:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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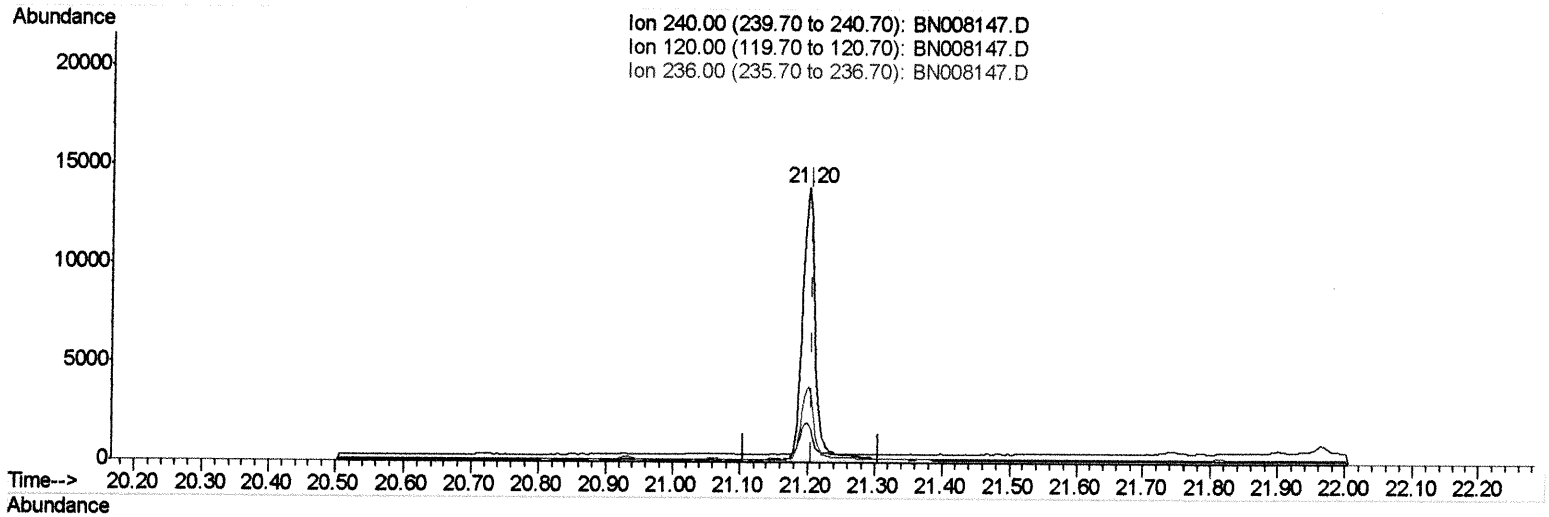
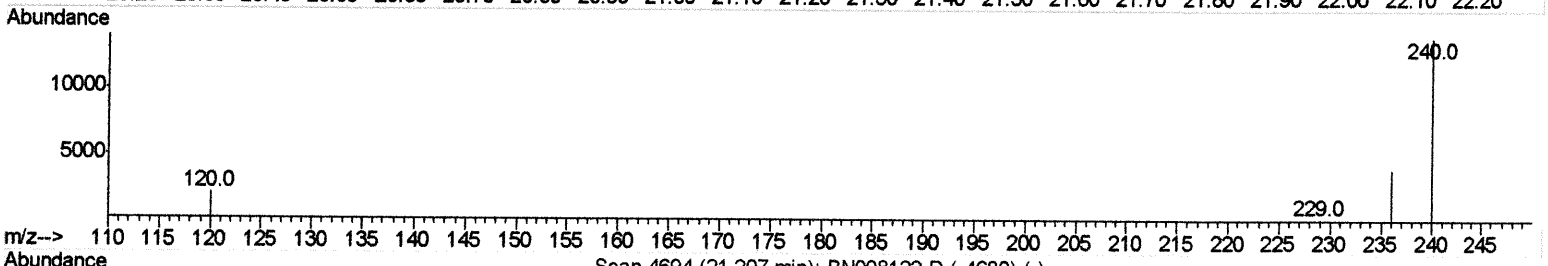
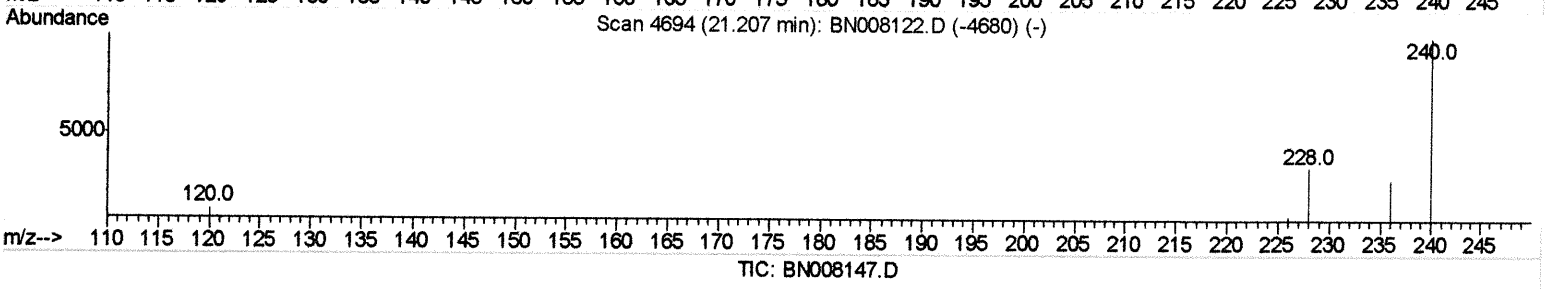
Instrument :
BNA_N
ClientSampleId :
JLMJ3

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:22 PM







TIC: BN008147.D

(16) Chrysene-d12 (I)

21.201min (-0.006) 0.40ng/ul m JU 10/16/19

response 18712

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	14.30
236.00	28.40	27.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
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Misc :
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ClientSampleId :
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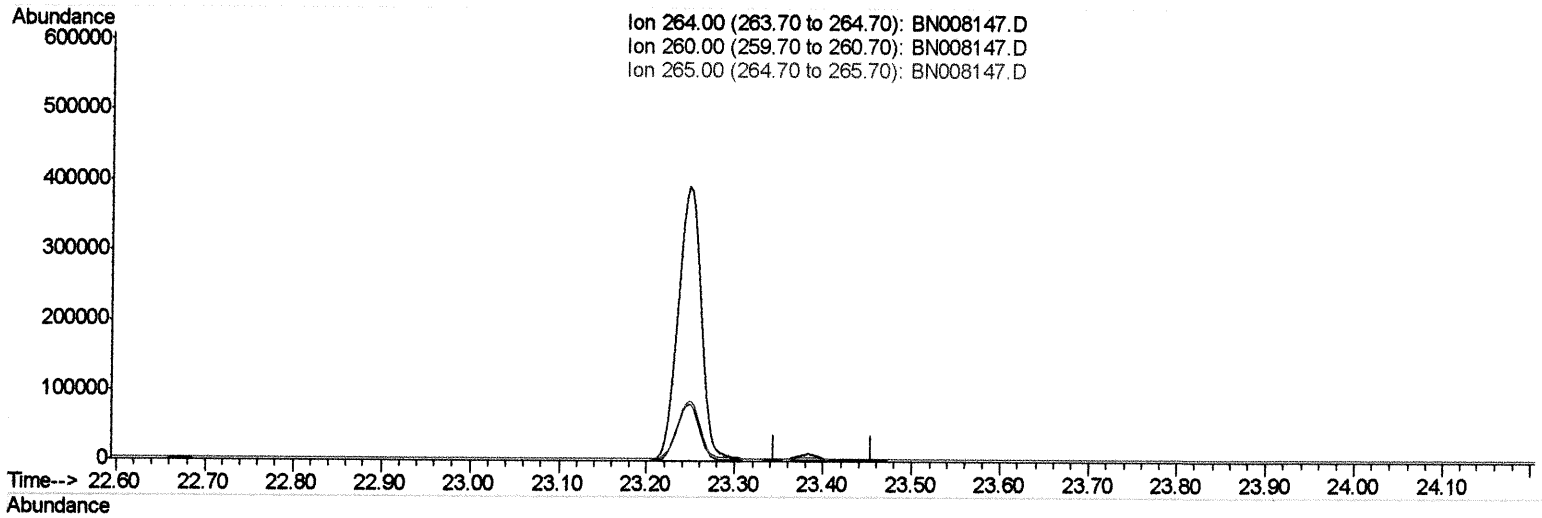
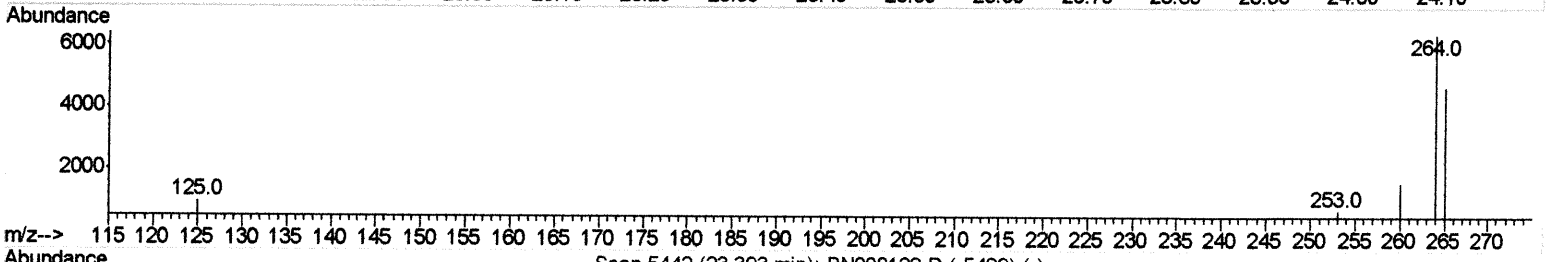
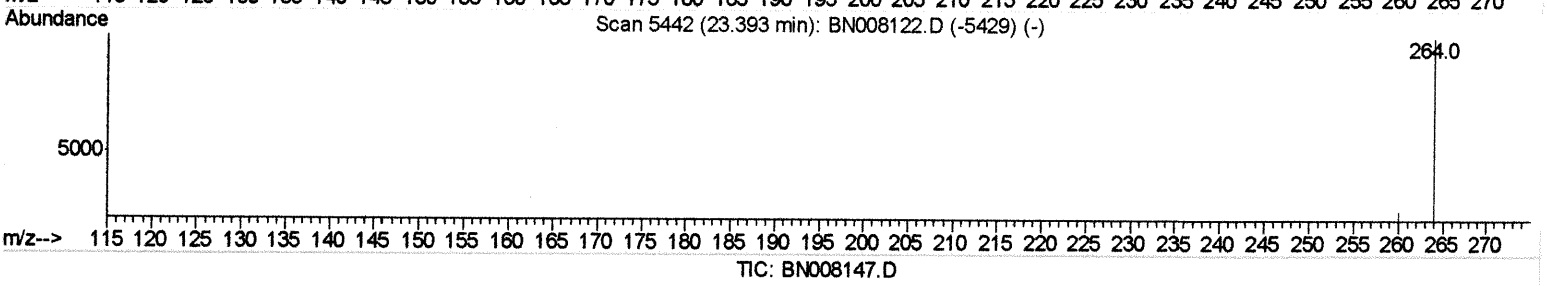
Manual Integrations APPROVED
mohammad
10/15/2019 1:30:22 PM







(20) Perylene-d12 (I)

23.396min (-23.396) 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)

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Manual Integrations APPROVED
mohammad
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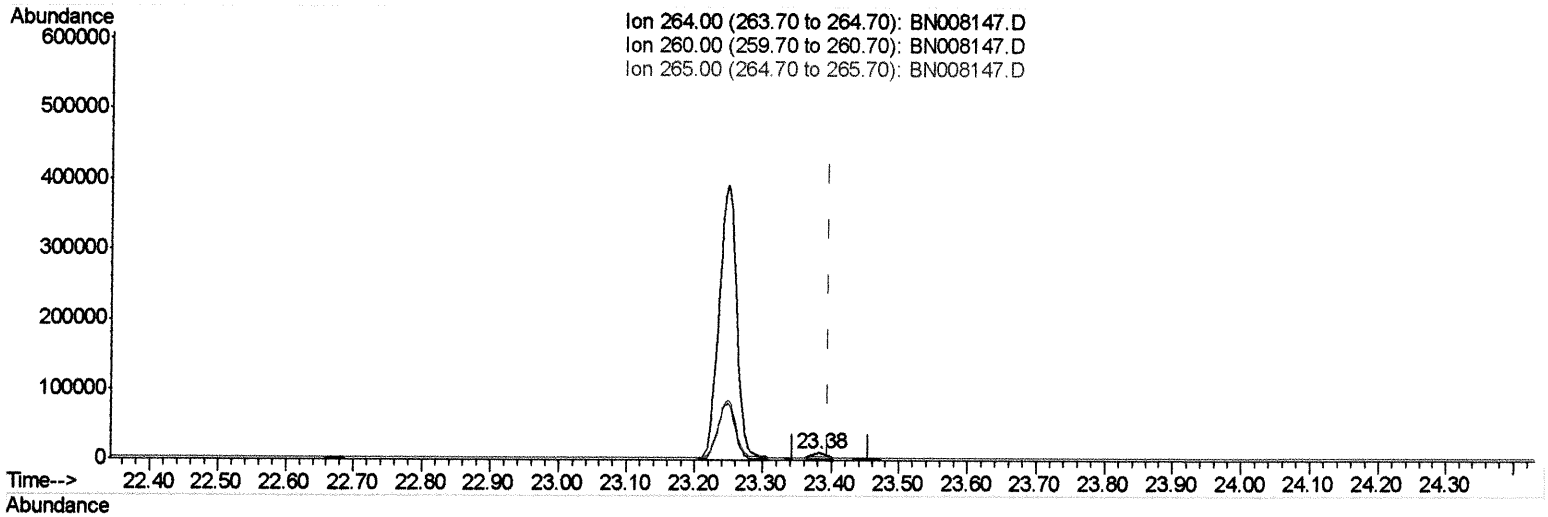

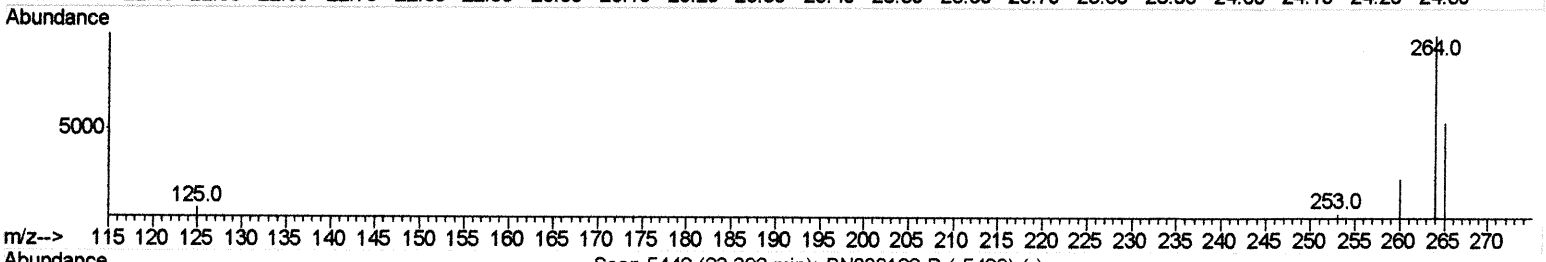

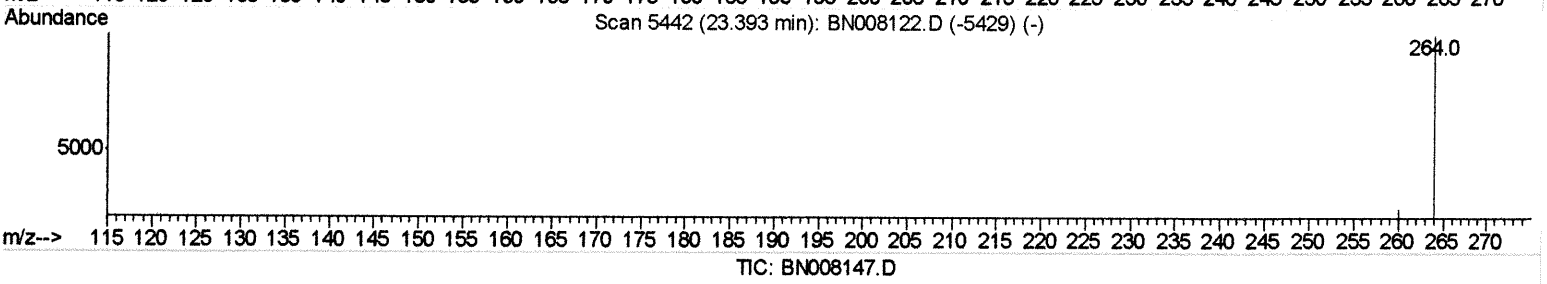

(20) Perylene-d12 (I)

23.384min (-0.012) 0.40ng/ul m JU 10/16/19

response 14890

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.34
265.00	74.00	54.59#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
10/15/2019 1:30:22 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2716	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	12690	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	8397	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	19052m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	18712m	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	14890m	0.40	ng/ul	-0.01

JU 10/16/19

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3079	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	10503m	0.16	ng/ul	0.00

JU 10/16/19

Target Compounds	Qvalue

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