

Quantitation Report (QT Reviewed)

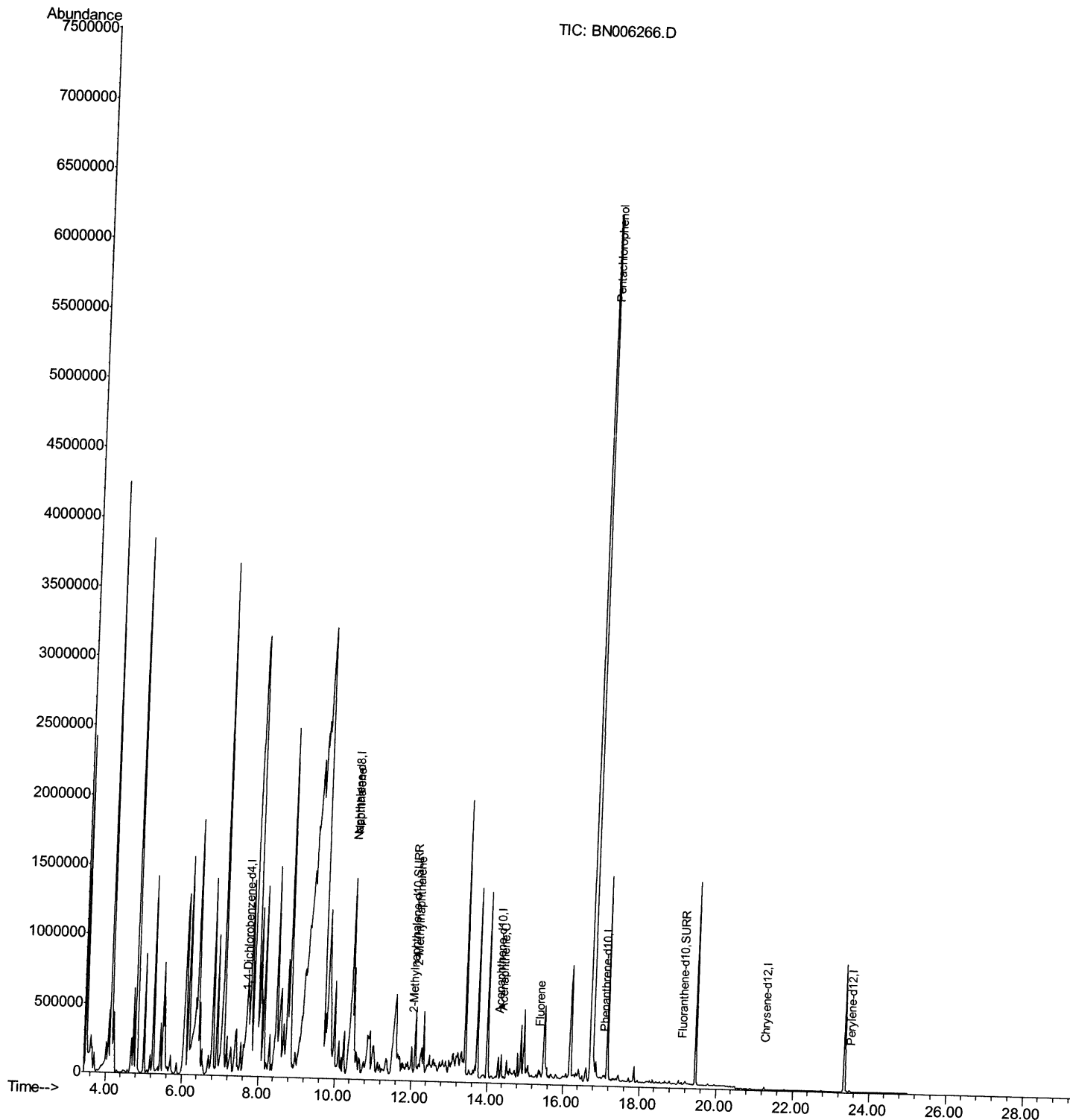
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006266.D
Acq On : 12 Jun 2019 03:17
Operator : JU/SJ
Sample : K3215-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB8J1

Manual Integrations
APPROVED

mohammad
6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:20:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

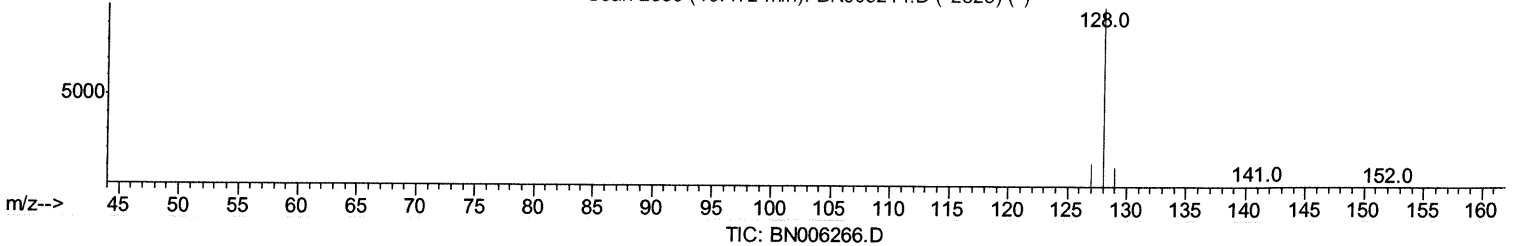
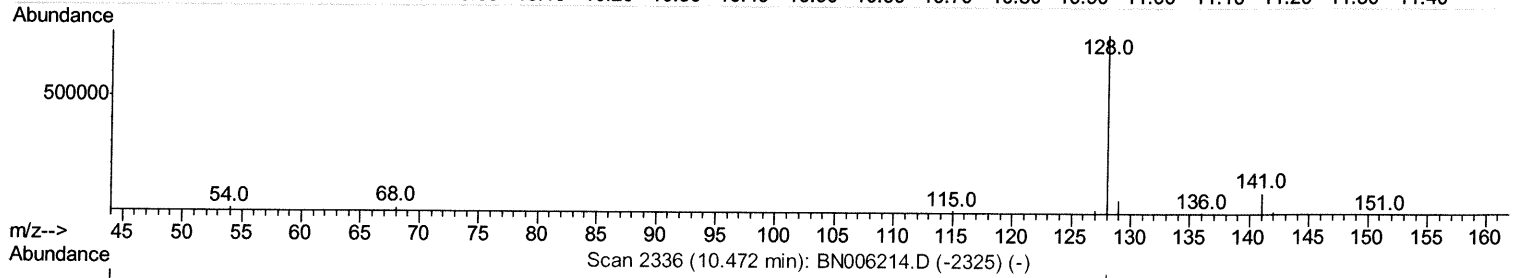
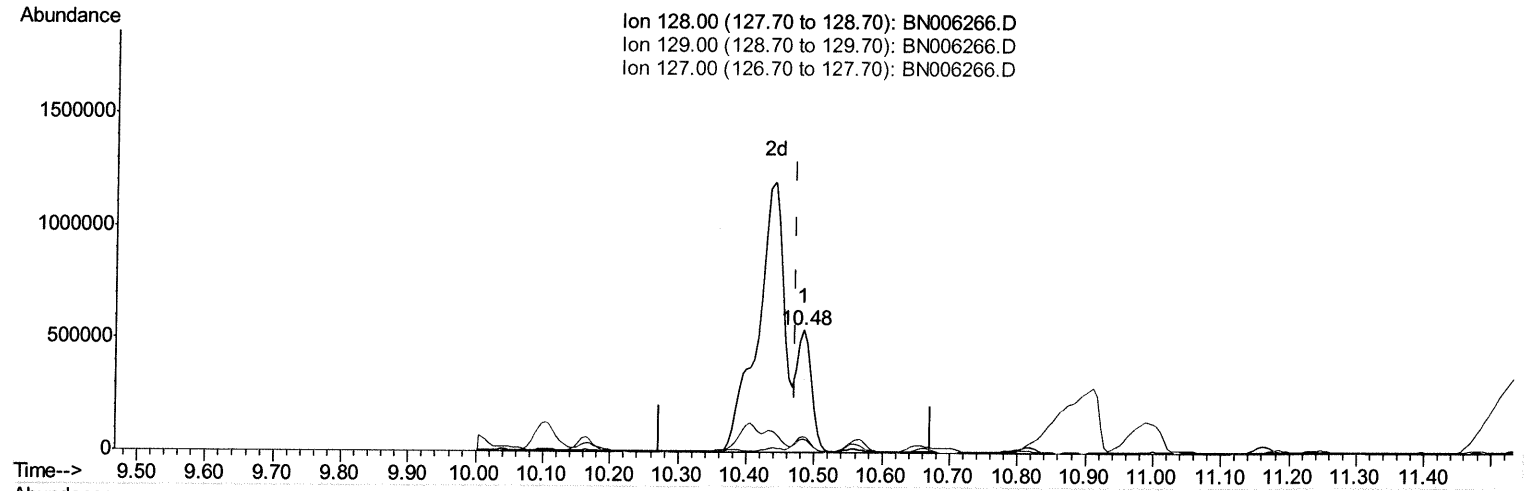
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 06:52:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(3) Naphthalene

10.483min (+0.011) 9.25ng/ul

response 819701

Ion	Exp%	Act%
128.00	100	100
129.00	11.60	11.41
127.00	13.40	13.16
0.00	0.00	0.00

Quantitation Report (Qedit)

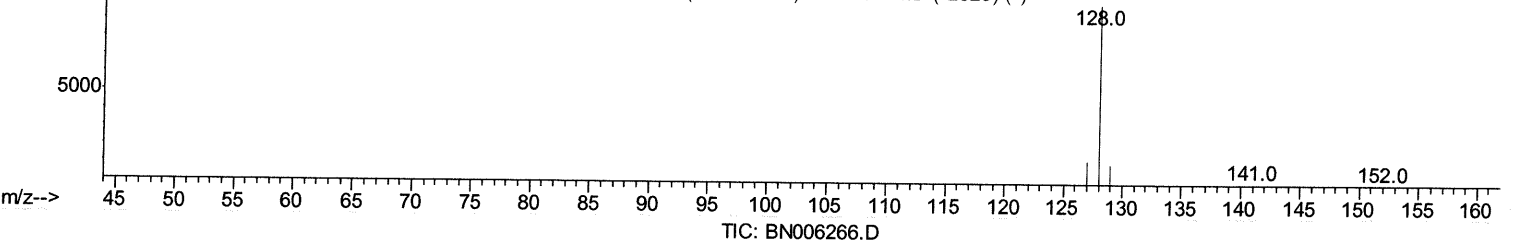
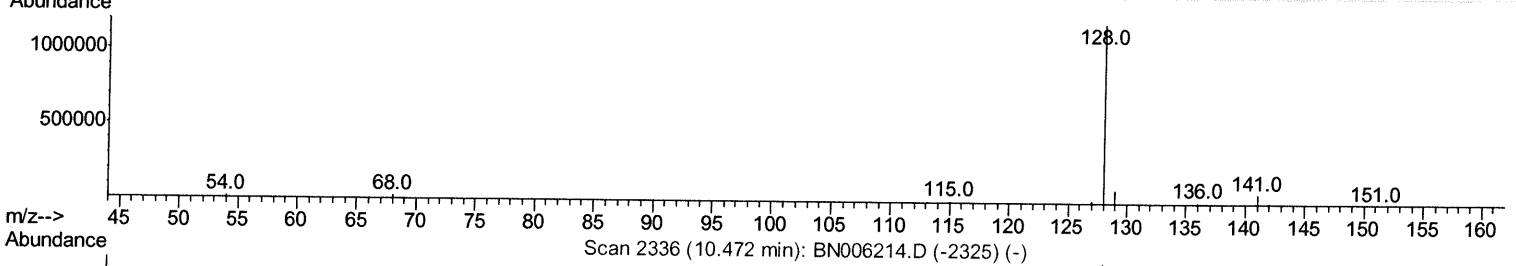
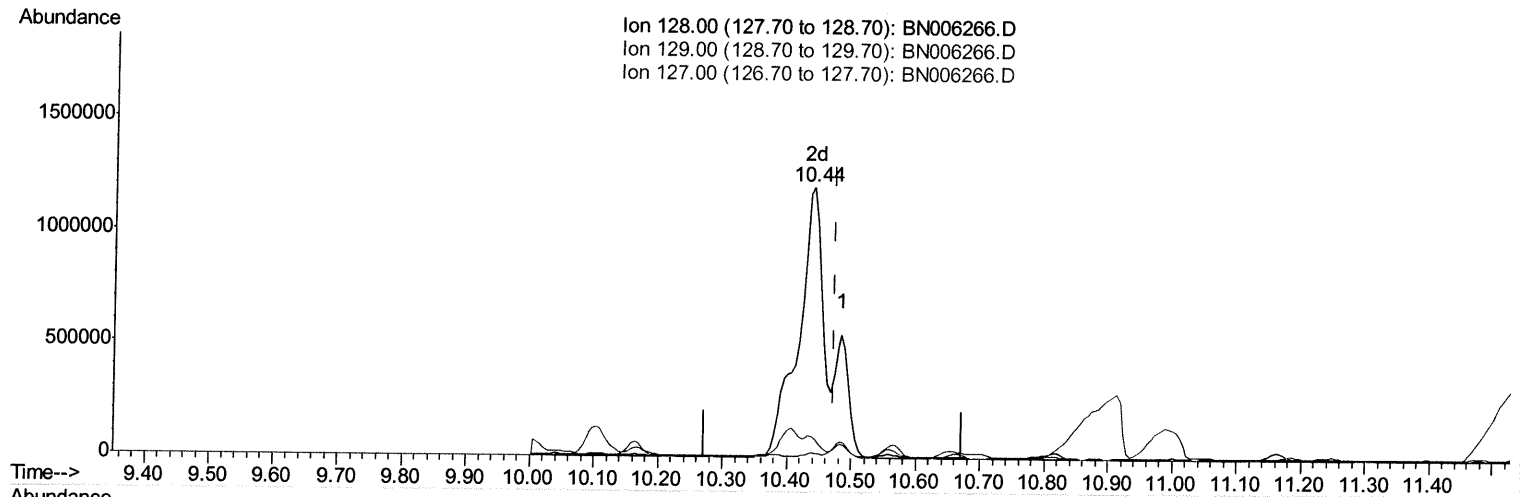
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 06:52:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(3) Naphthalene

10.439min (-0.033) 45.24ng/ul m *JU*
06/12/19

response 4009392

Ion	Exp%	Act%
128.00	100	100
129.00	11.60	7.80#
127.00	13.40	1.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

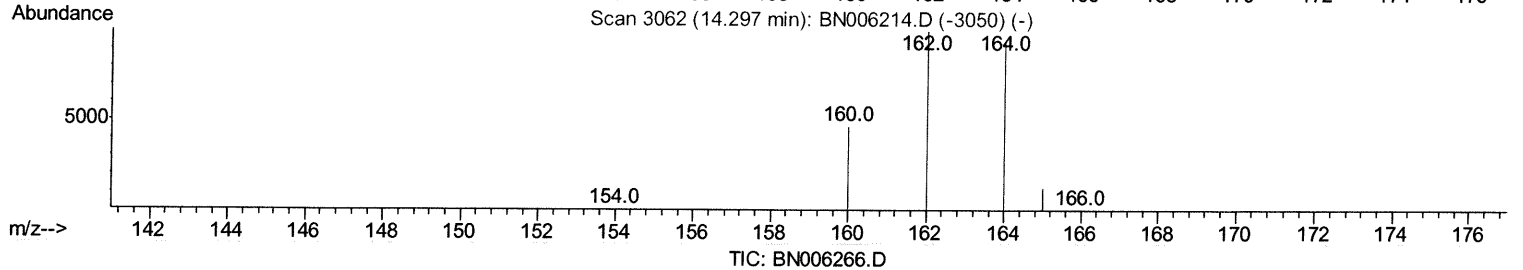
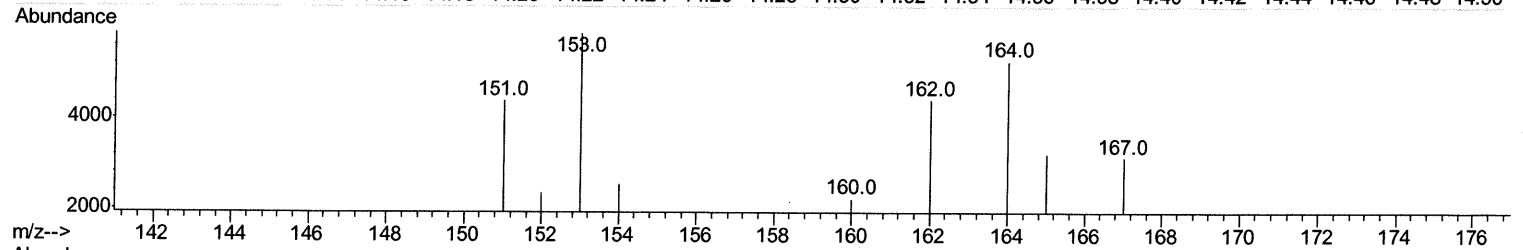
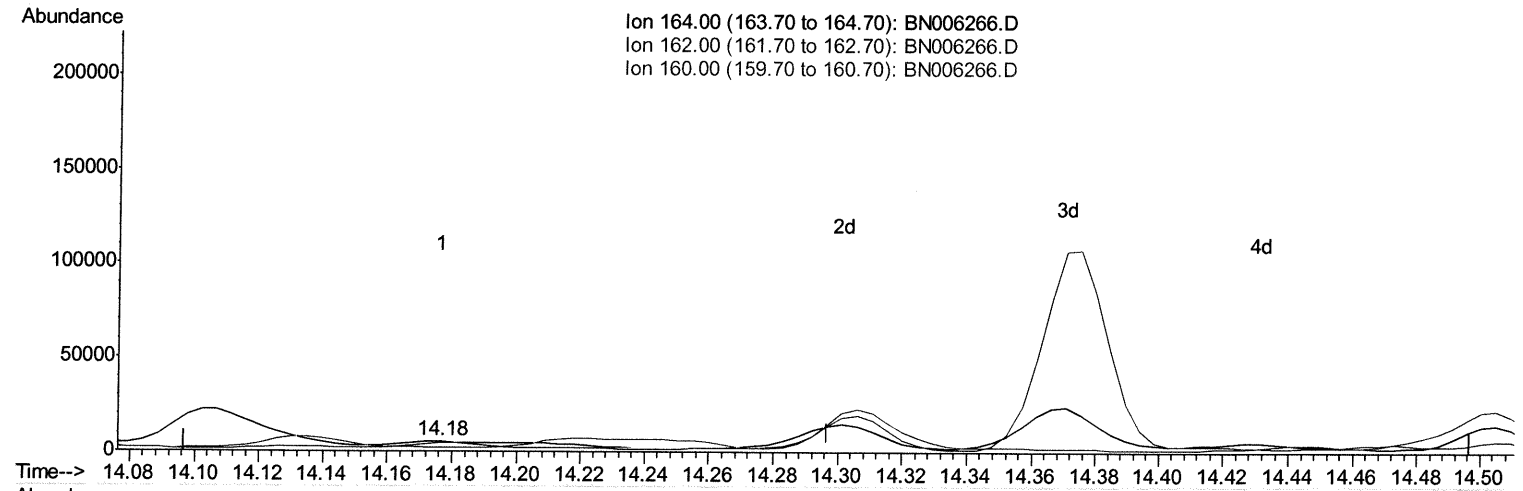
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 06:52:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(6) Acenaphthene-d10 (I)

14.177min (-0.120) 0.40ng/ul

response 10690

Ion	Exp%	Act%
164.00	100	100
162.00	103.40	83.97
160.00	48.80	42.35
0.00	0.00	0.00

Quantitation Report (Qedit)

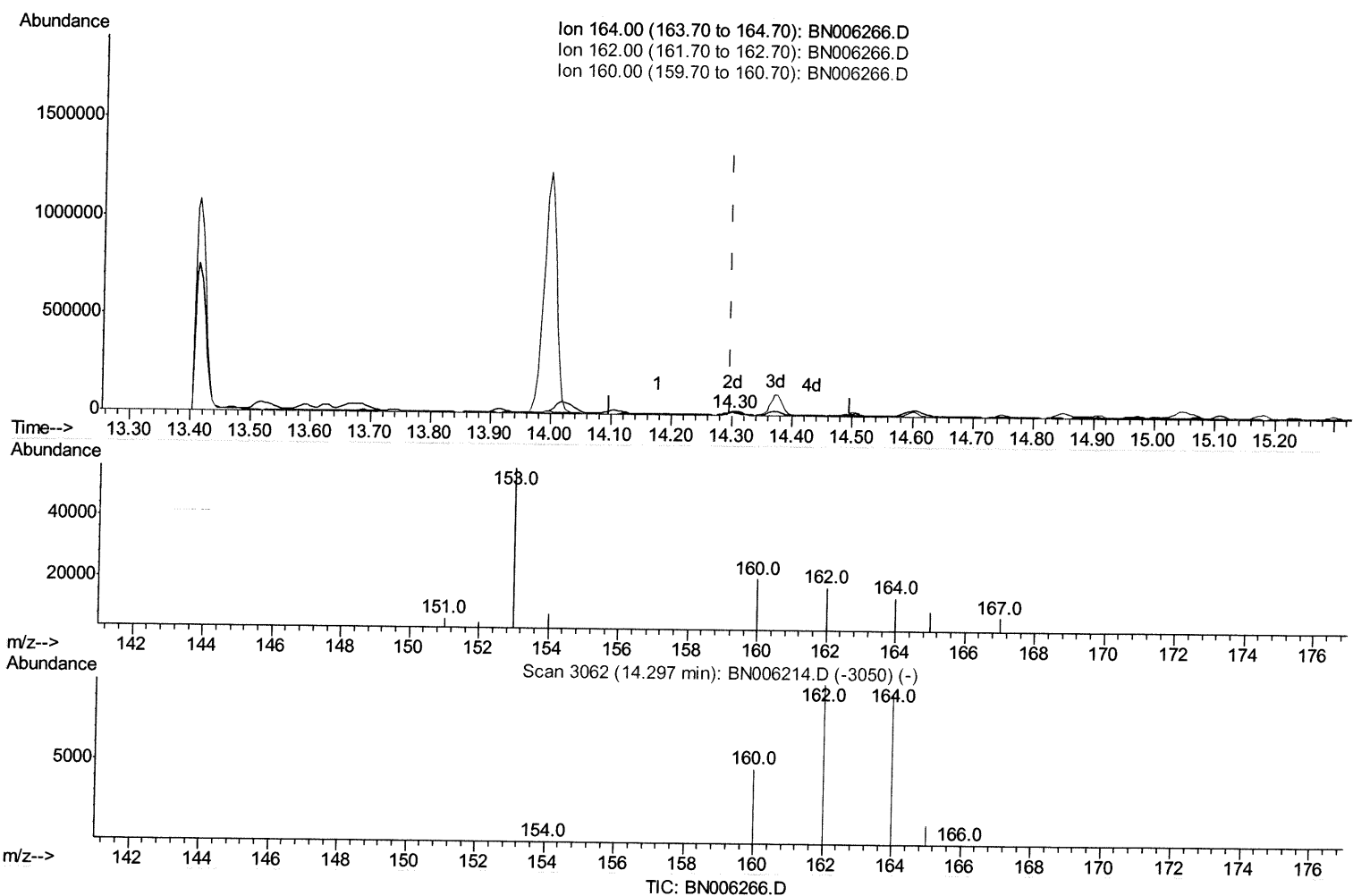
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006266.D
Acq On : 12 Jun 2019 03:17
Operator : JU/SJ
Sample : K3215-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB8J1

Manual Integrations
APPROVED

mohammad
6/12/2019 8:19:34 AM

Quant Time: Jun 12 06:52:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration



(6) Acenaphthene-d10 (I)

14.301min (+0.005) 0.40ng/ul m

JU
06/12/19

response 22526

Ion	Exp%	Act%
164.00	100	100
162.00	103.40	121.77
160.00	48.80	139.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

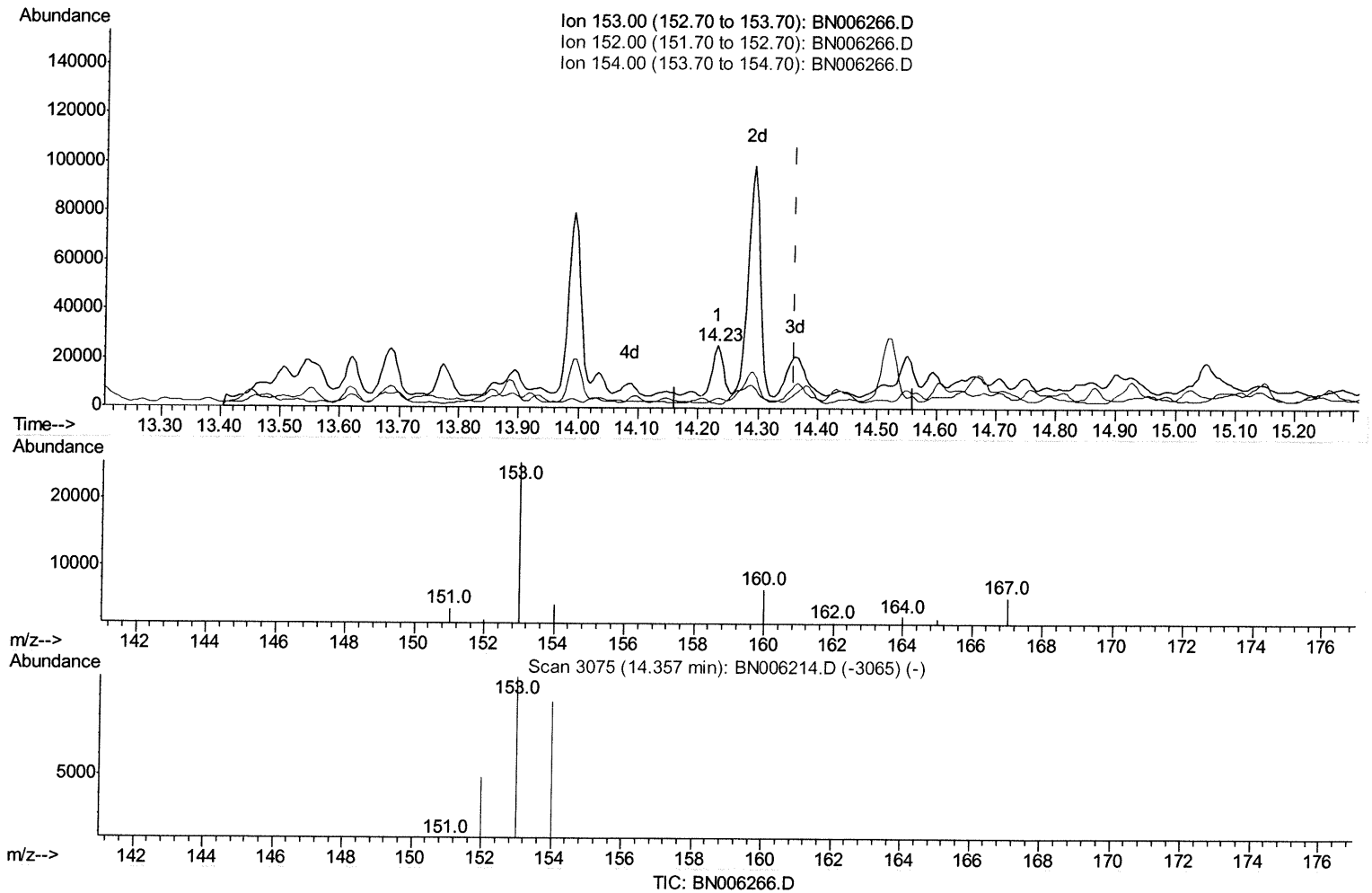
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:16:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(8) Acenaphthene (C)

14.232min (-0.130) 0.29ng/ul

response 25404

Ion	Exp%	Act%
153.00	100	100
152.00	48.90	7.44#
154.00	88.90	16.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

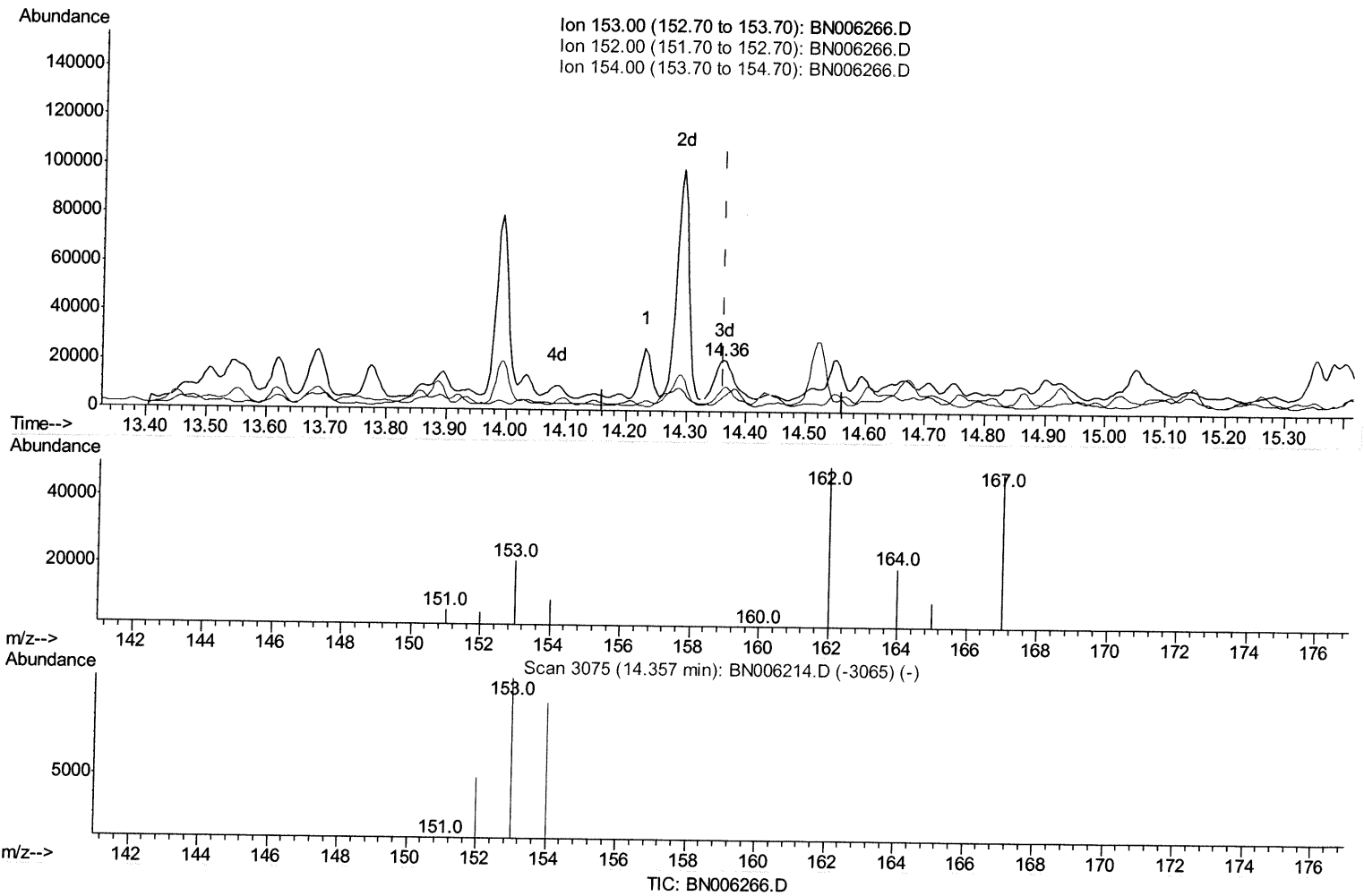
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:16:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(8) Acenaphthene (C)

14.362min (+0.000) 0.42ng/ul m ^{JU} 06/12/19

response 36496

Ion	Exp%	Act%
153.00	100	100
152.00	48.90	27.90#
154.00	88.90	45.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

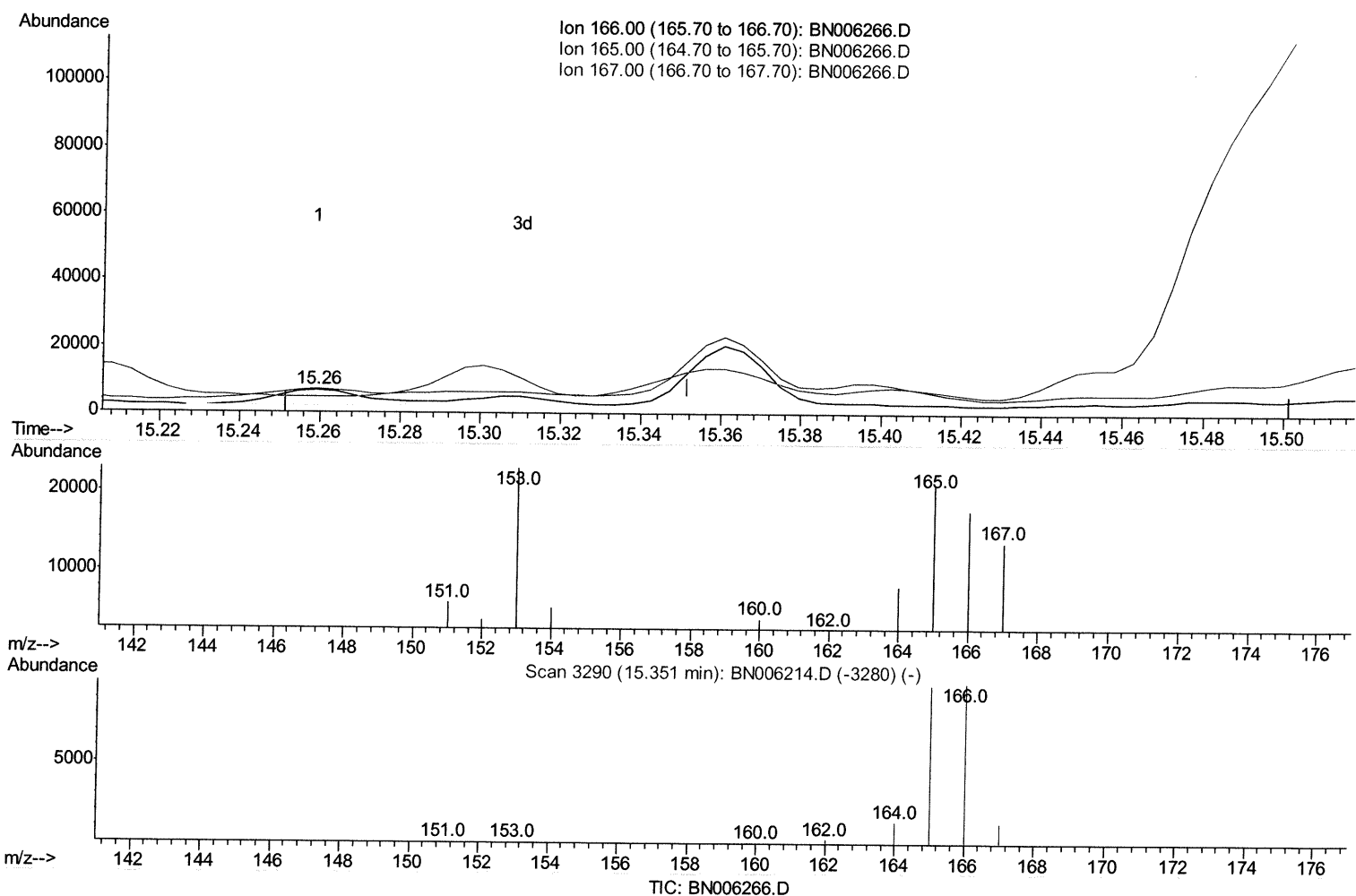
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006266.D
Acq On : 12 Jun 2019 03:17
Operator : JU/SJ
Sample : K3215-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB8J1

Manual Integrations
APPROVED

mohammad
6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:16:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration



(9) Fluorene

15.259min (-0.093) 0.07ng/ul

response 7505

Ion	Exp%	Act%
166.00	100	100
165.00	95.50	100.88
167.00	13.80	71.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

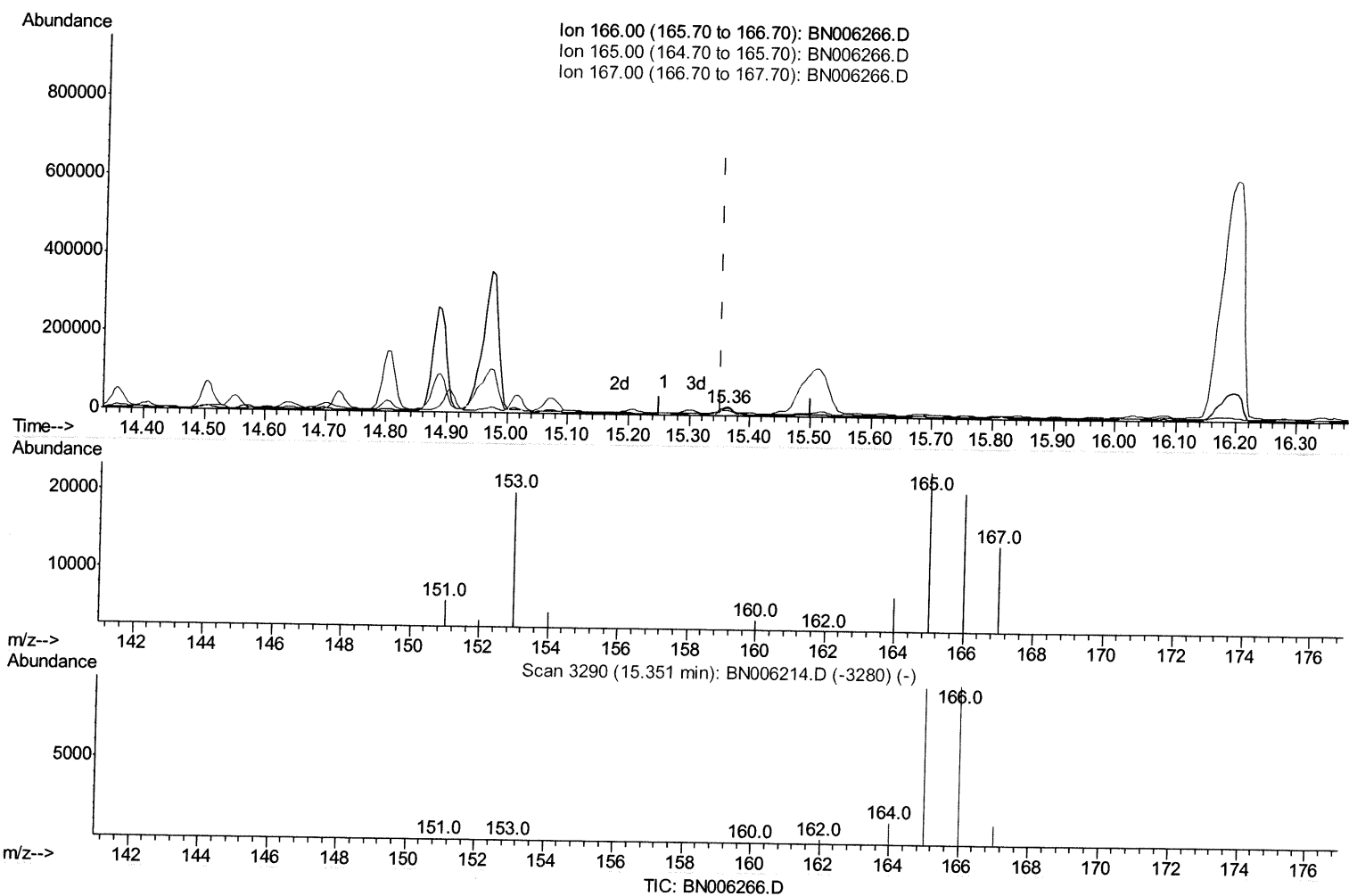
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006266.D
Acq On : 12 Jun 2019 03:17
Operator : JU/SJ
Sample : K3215-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB8J1

Manual Integrations
APPROVED

mohammad
6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:16:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration



(9) Fluorene

15.361min (+0.009) 0.24ng/ul m

JU
06/12/19

response 24404

Ion	Exp%	Act%
166.00	100	100
165.00	95.50	112.90
167.00	13.80	66.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

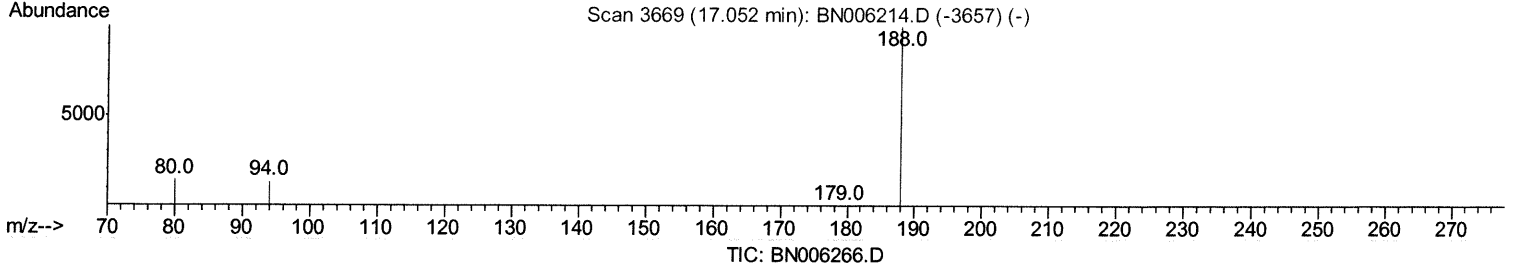
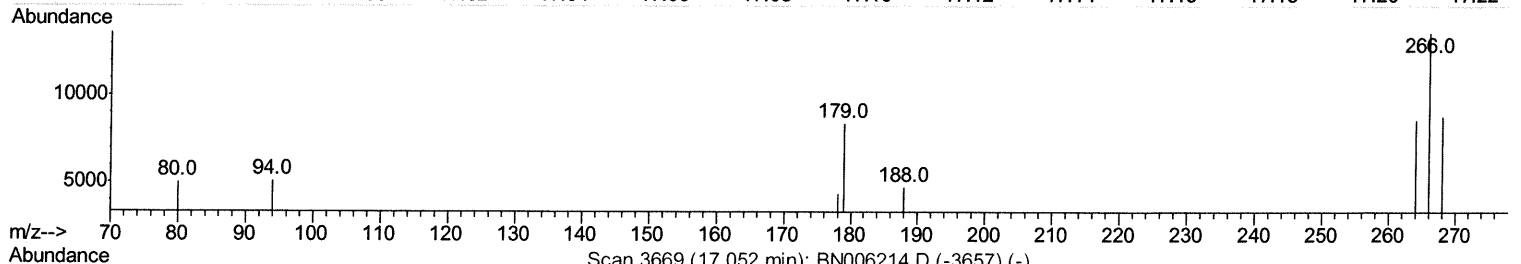
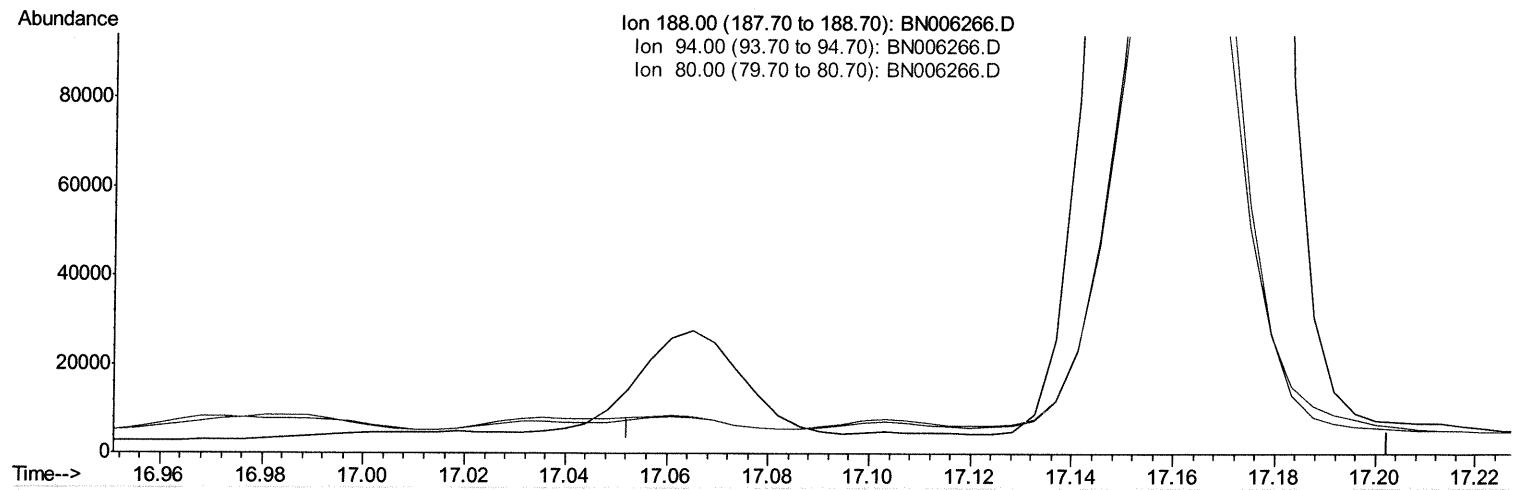
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:16:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
 16.926min (-0.127) 0.40ng/ul
 response 3237

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	107.61#
80.00	13.60	106.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

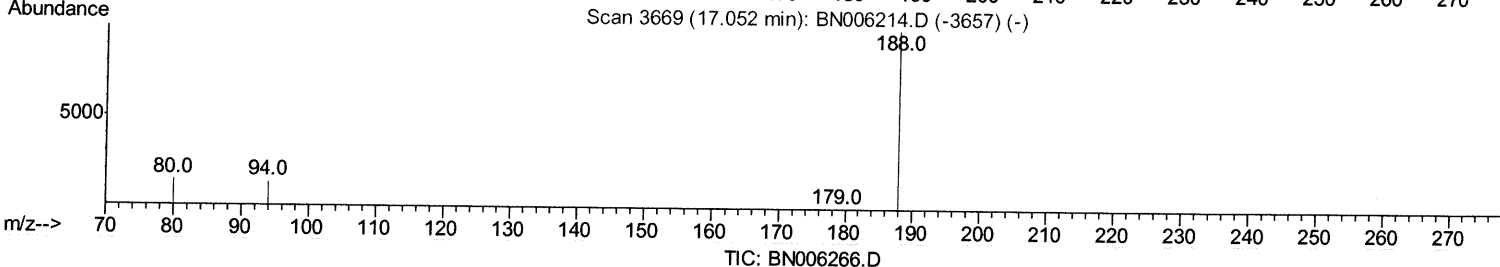
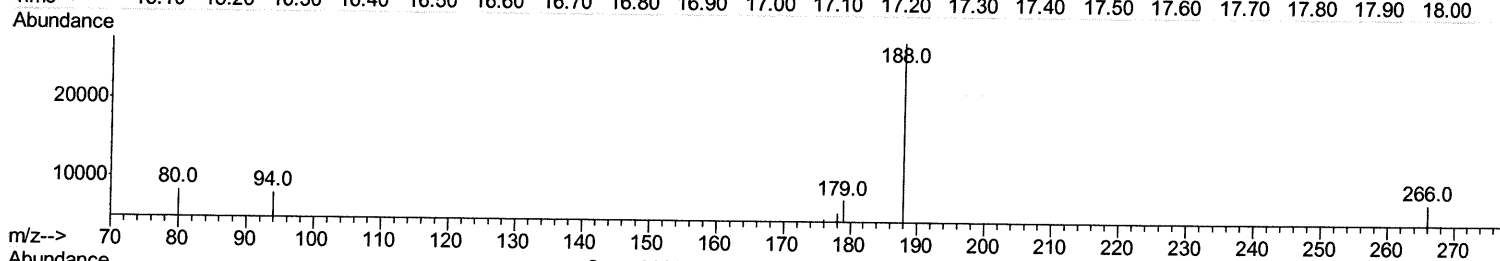
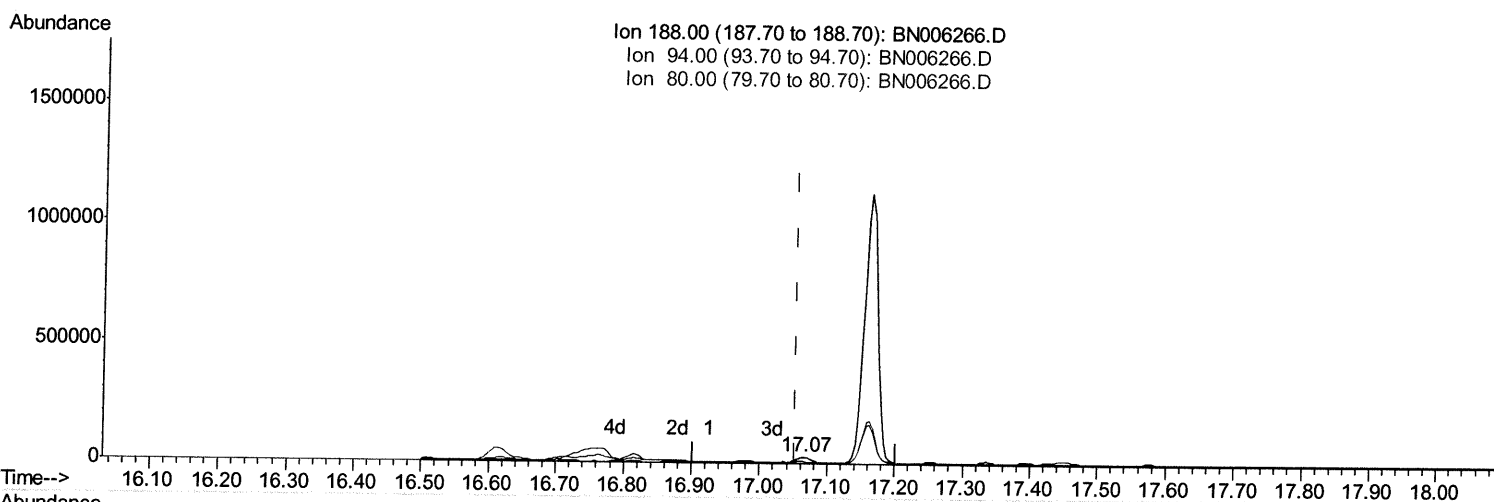
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:16:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.065min (+0.013) 0.40ng/ul m ^{JU} 06/12/19

response 33626

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	28.67#
80.00	13.60	29.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

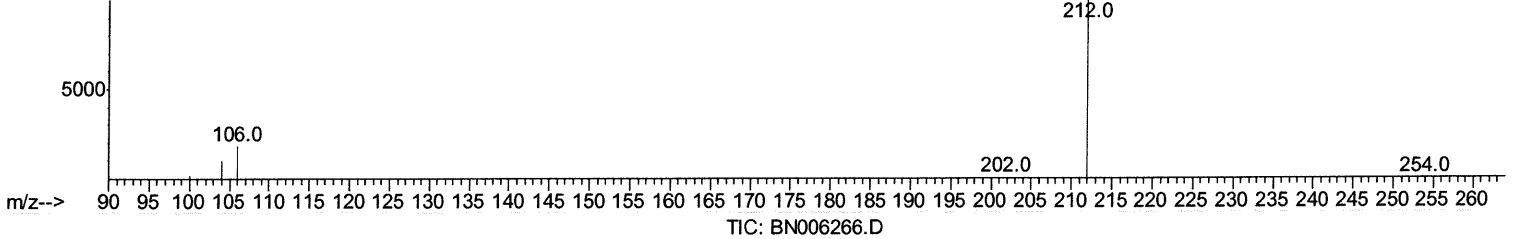
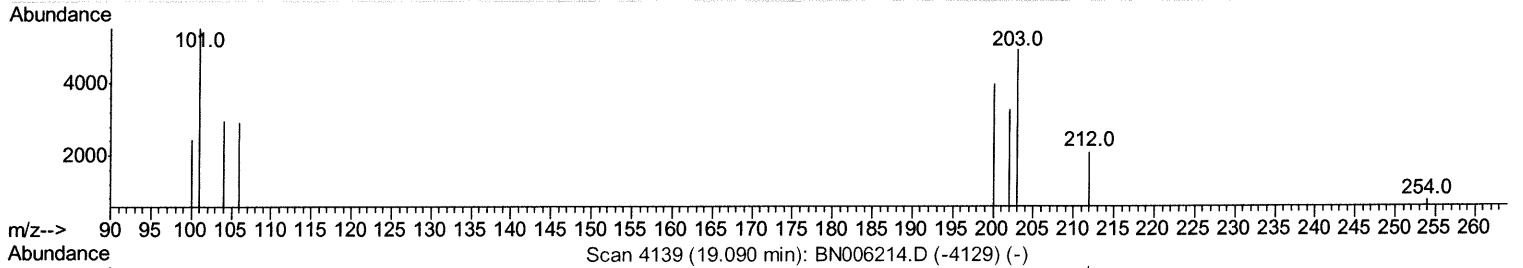
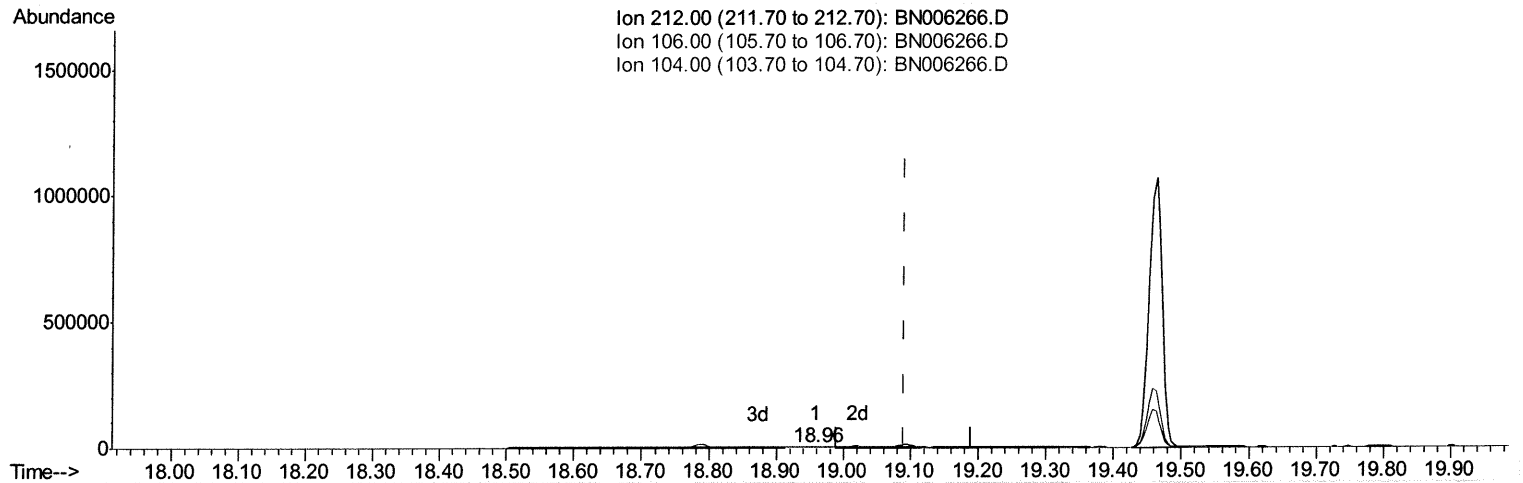
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:18:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.960min (-0.130) 0.02ng/ul

response 1371

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	24.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

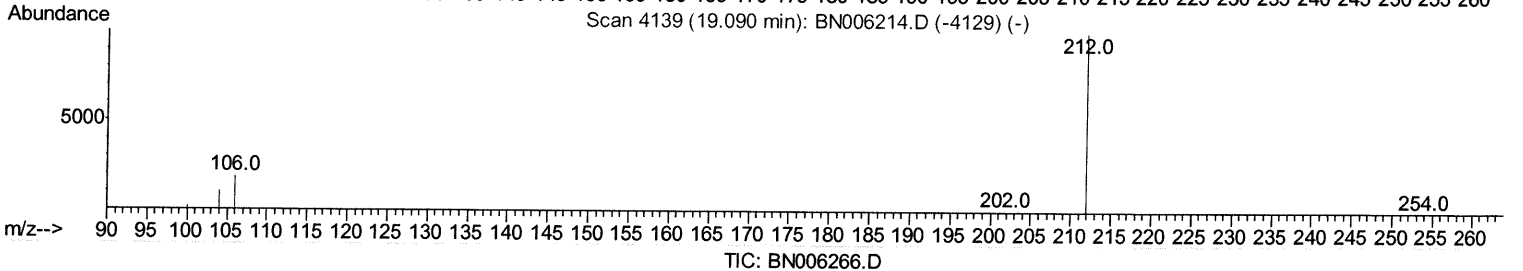
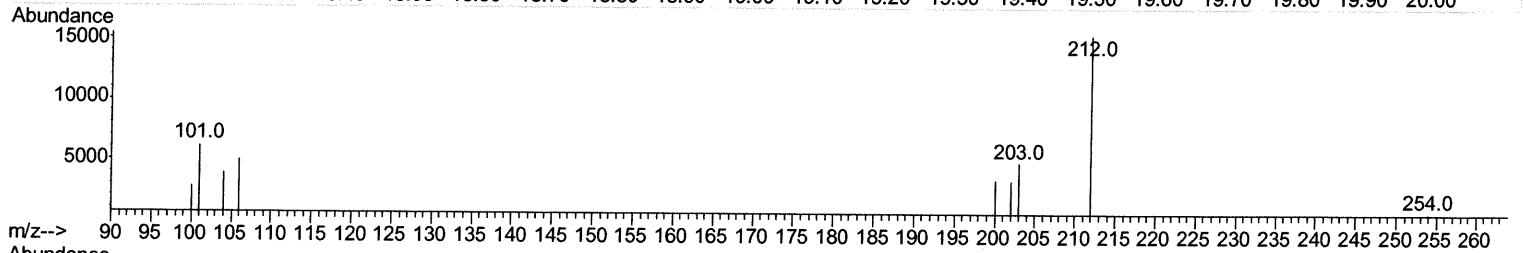
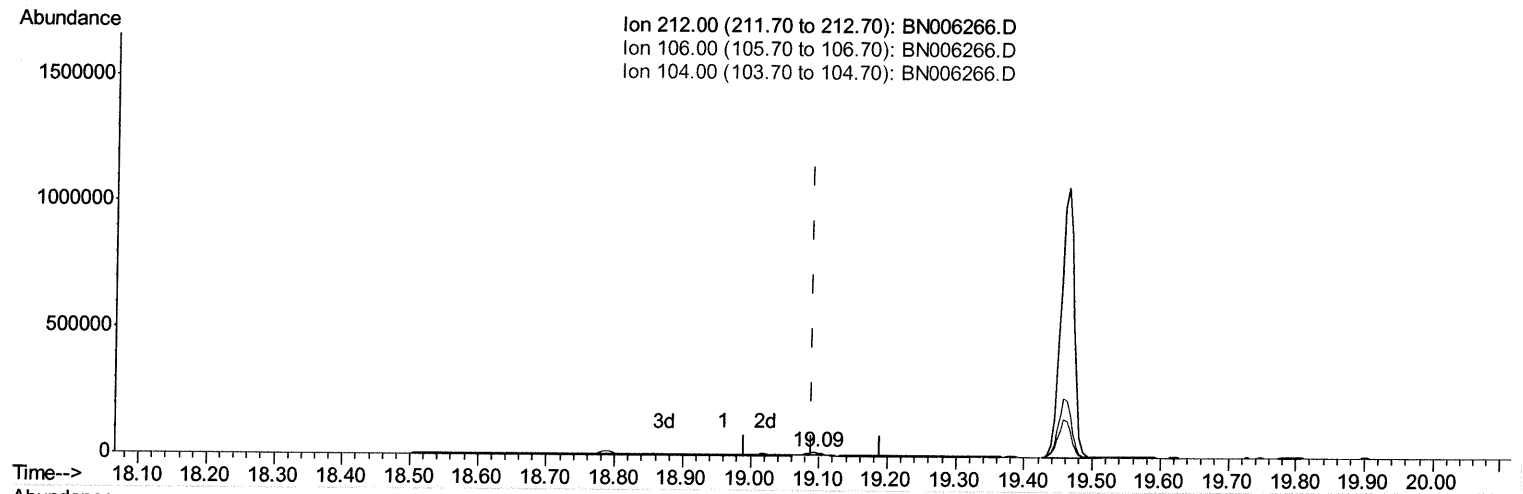
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:18:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.095min (+0.005) 0.21ng/ul m

response 18973

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	1.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

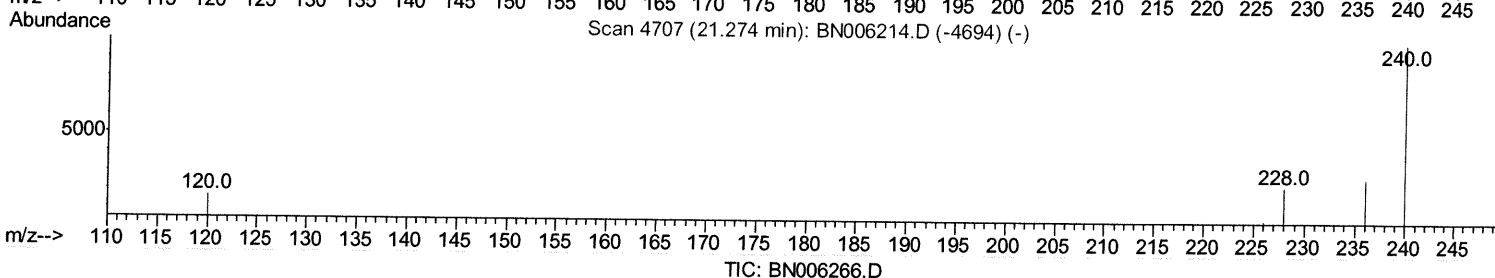
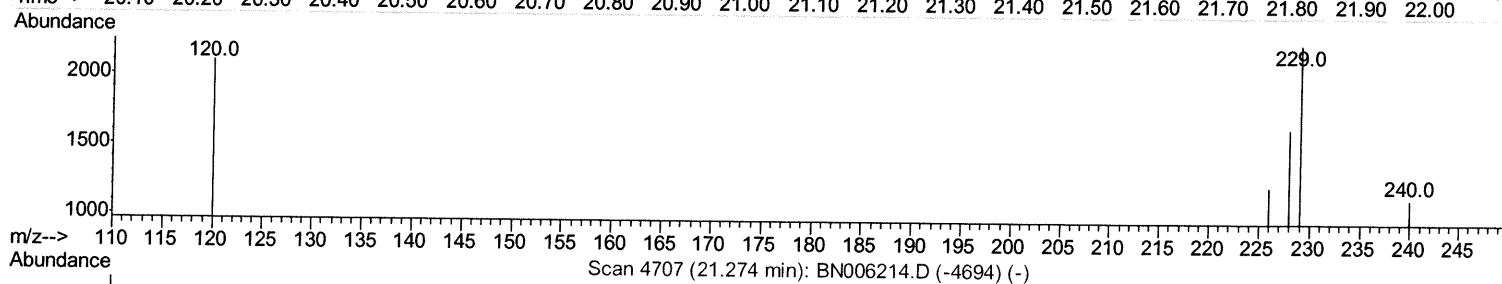
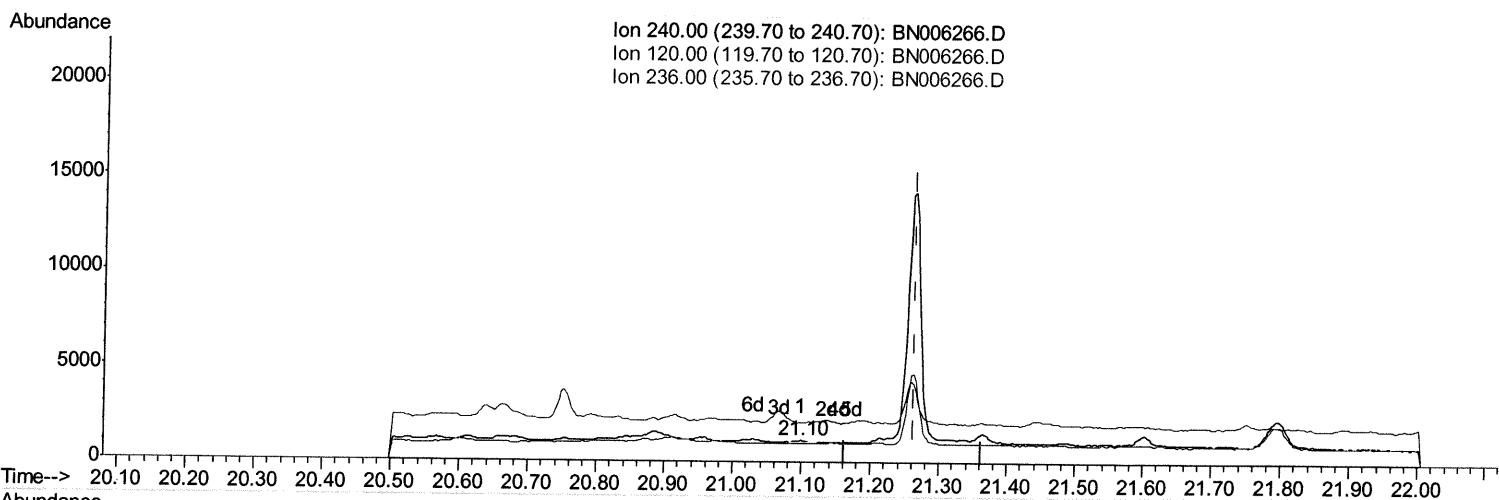
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:18:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.099min (-0.164) 0.40ng/ul

response 152

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	183.27#
236.00	30.10	84.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

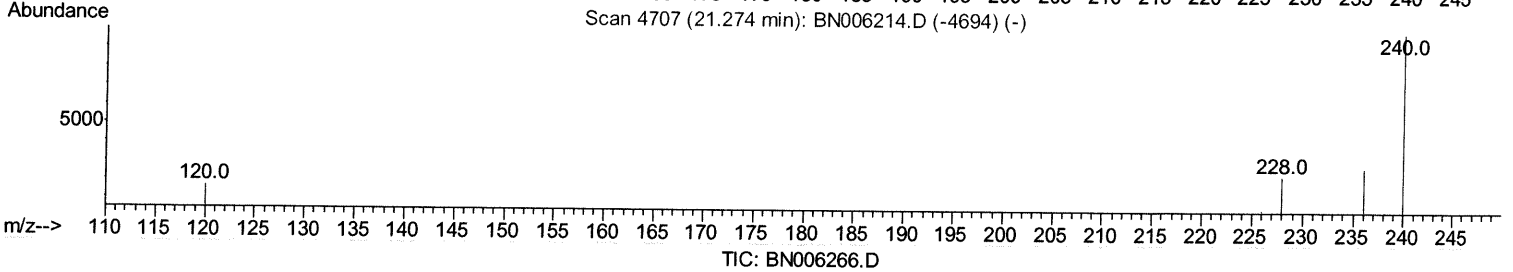
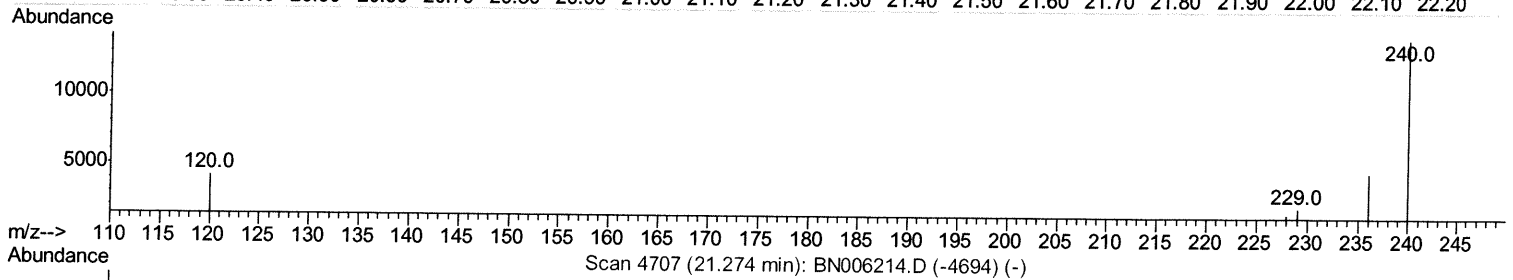
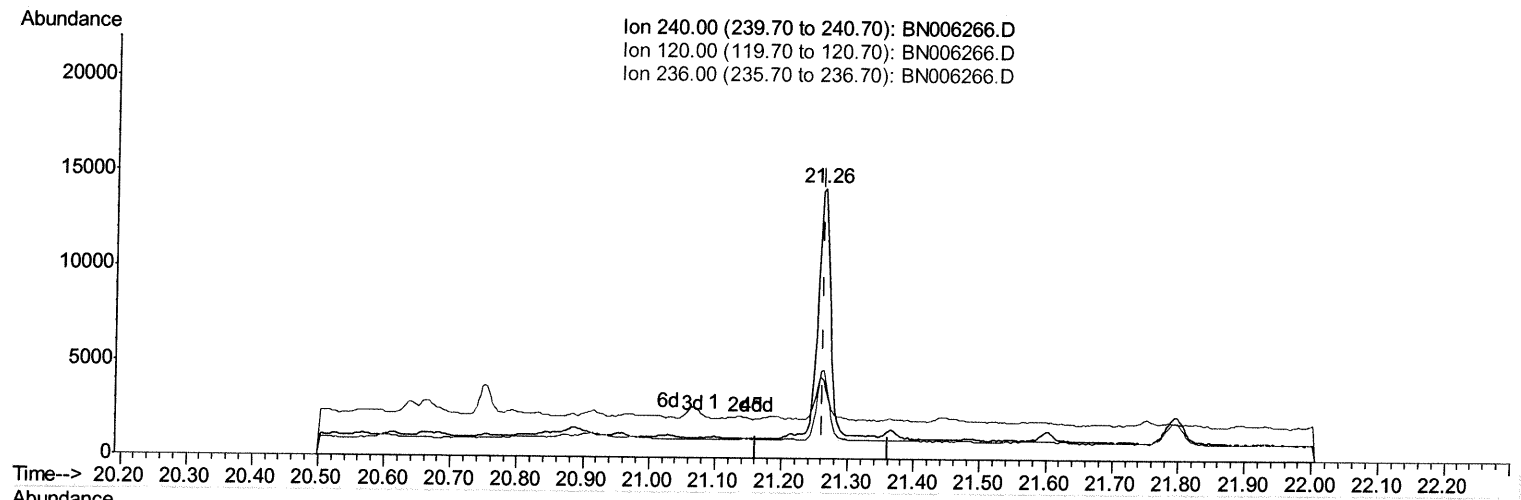
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:18:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.262min (+0.000) 0.40ng/ul m *Ju 06/12/19*

response 17747

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	29.11#
236.00	30.10	32.58
0.00	0.00	0.00

Quantitation Report (Qedit)

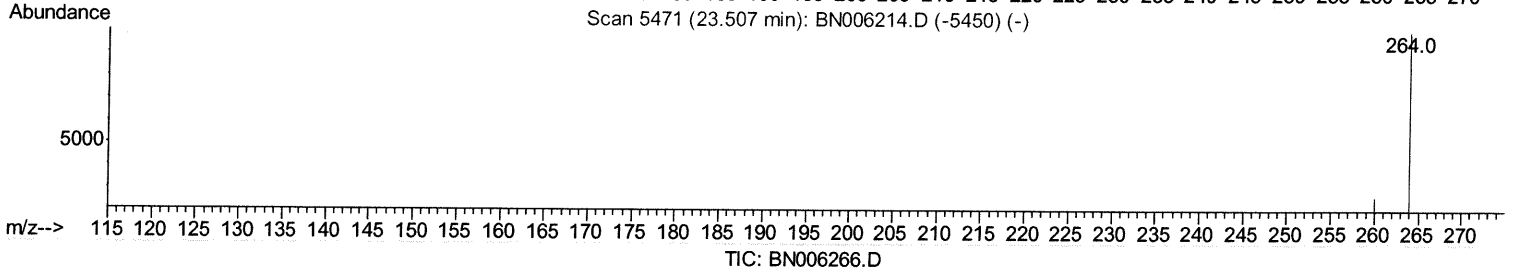
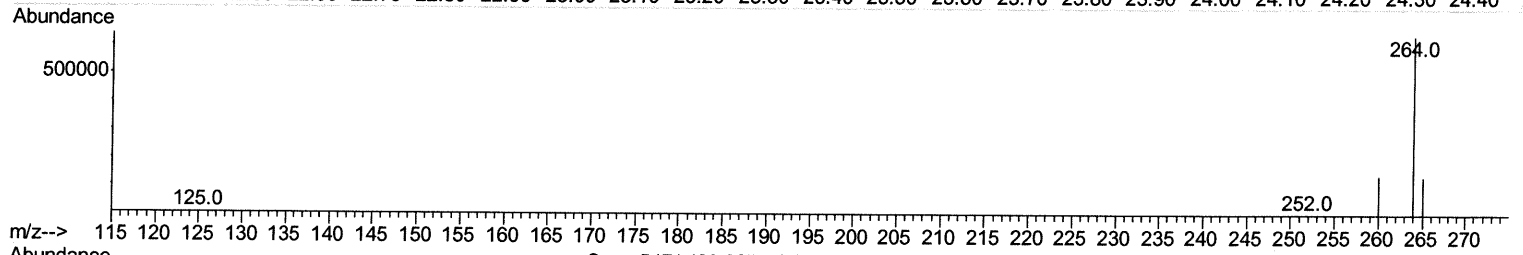
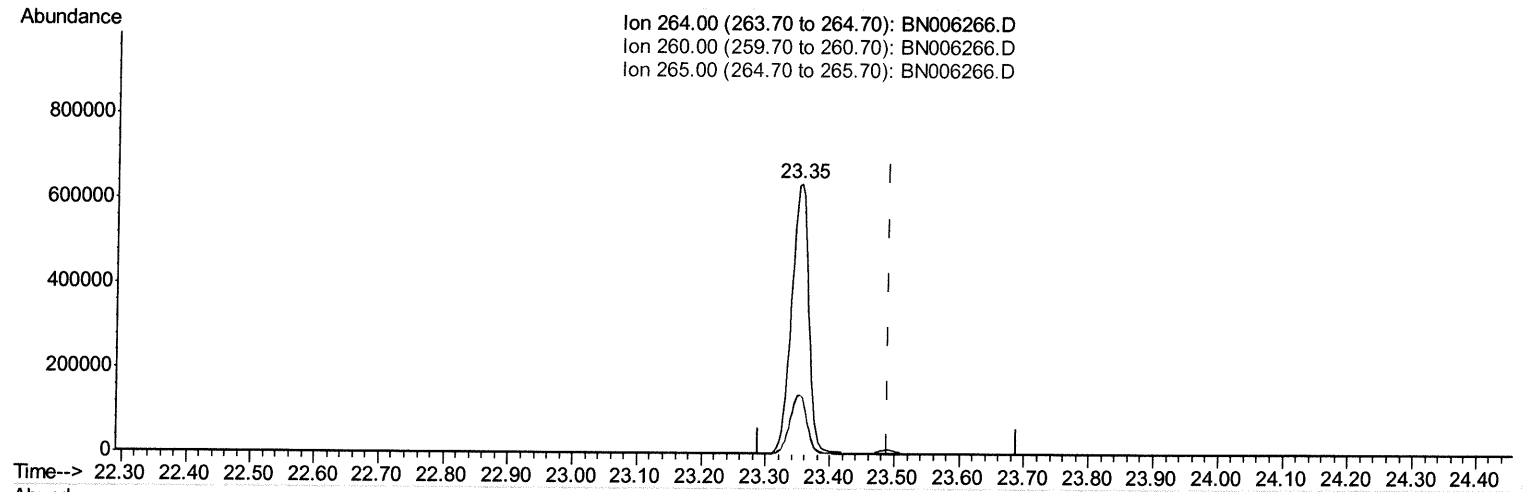
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:19:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.352min (-0.137) 0.40ng/ul

response 1189196

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.01#
265.00	44.70	21.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

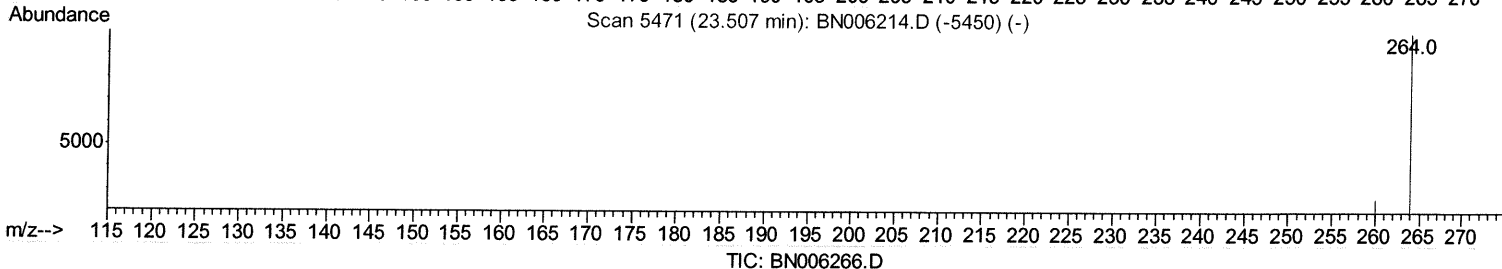
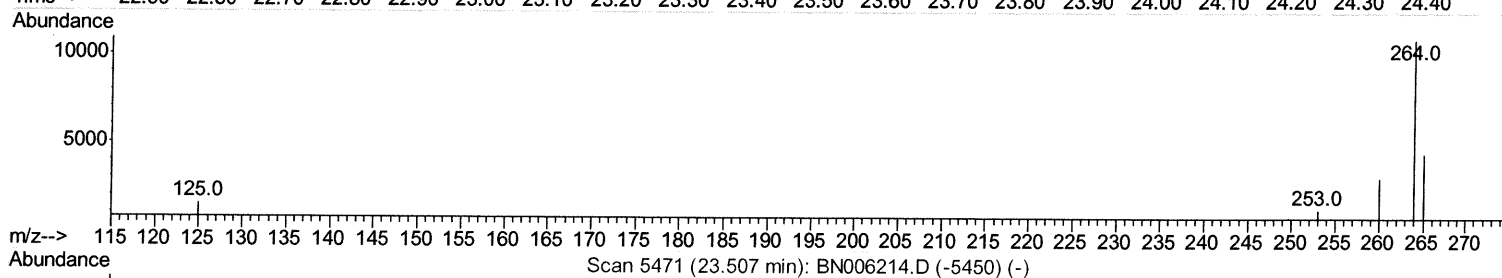
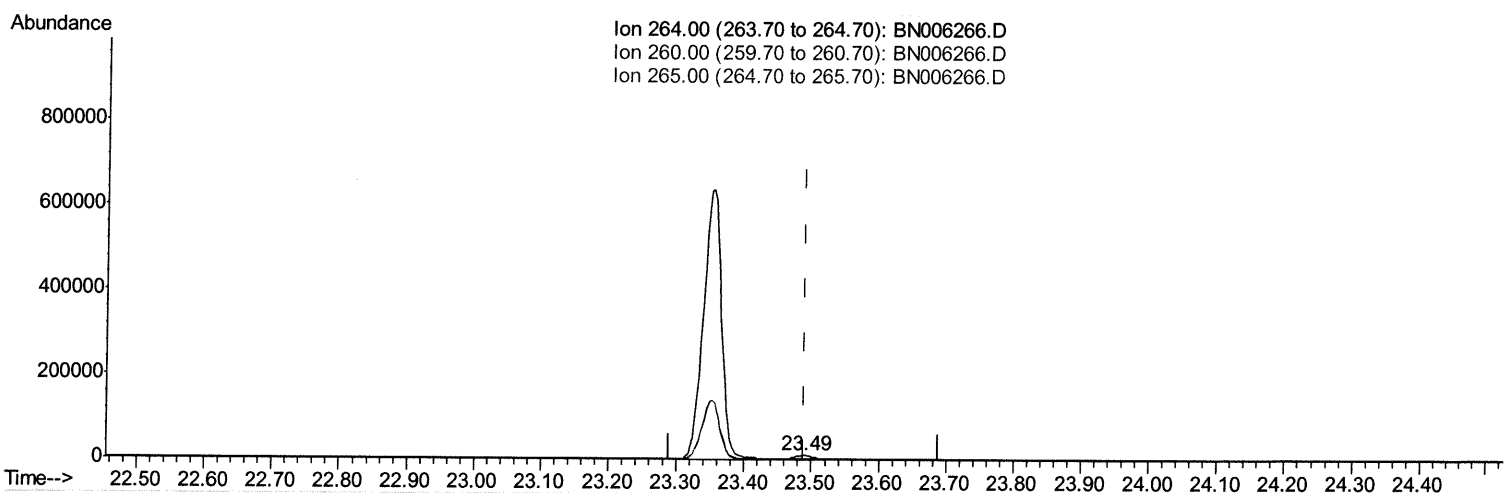
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:19:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.490min (+0.000) 0.40ng/ul m *JU* 06/12/19

response 15167

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.53
265.00	44.70	40.19
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8J1

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:19:34 AM

Quant Time: Jun 12 07:20:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	32117	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	22526m >	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	33626m >	0.40	ng/ul	0.01
16) Chrysene-d12	21.26	240	17747m >	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	15167m >	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	14650	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	18973m >	0.21	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.44	128	4009392m >	45.239	ng/ul	
5) 2-Methylnaphthalene	12.11	142	288126	4.665	ng/ul	88
8) Acenaphthene	14.36	153	36496m >	0.420	ng/ul	
9) Fluorene	15.36	166	24404m >	0.240	ng/ul	
11) Pentachlorophenol	16.77	266	10088252	1180.688	ng/ul	99

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

Jo 06/12/19