

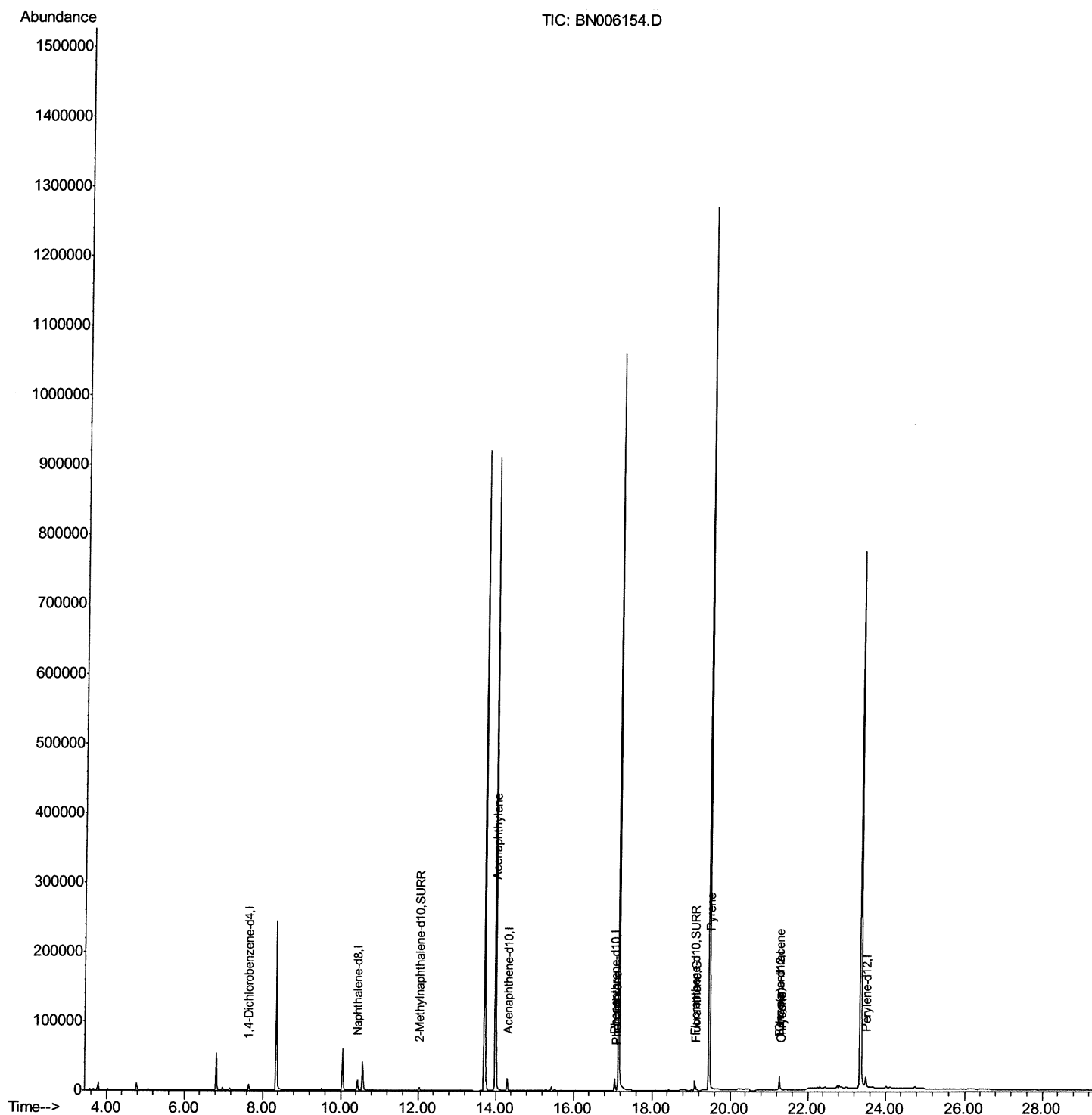
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006154.D
Acq On : 07 Jun 2019 02:56
Operator : JU/SJ
Sample : K3016-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C7

Manual Integrations
APPROVED

mohammad
6/11/2019 5:07:53 PM

Quant Time: Jun 07 04:00:16 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

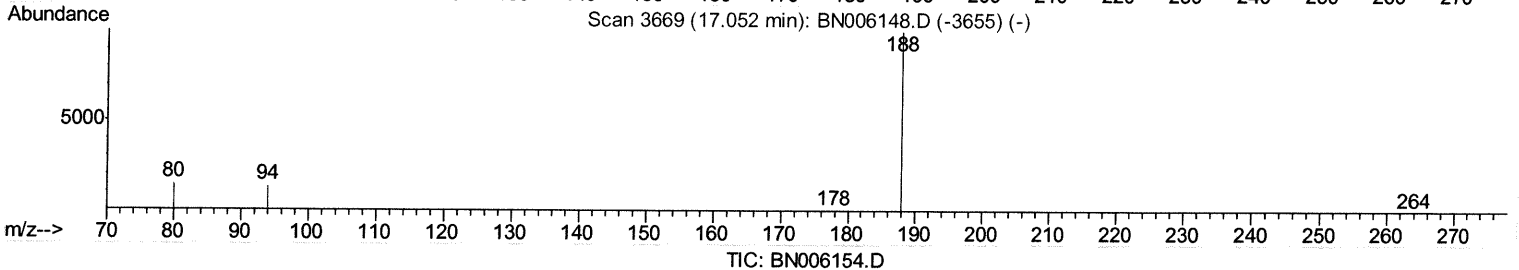
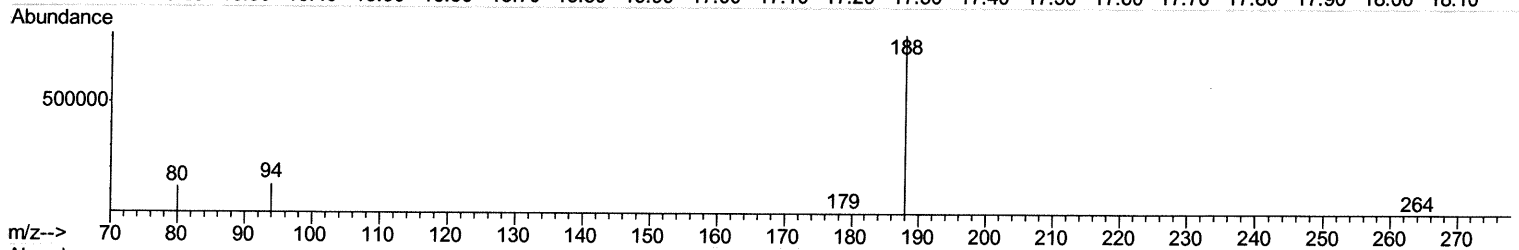
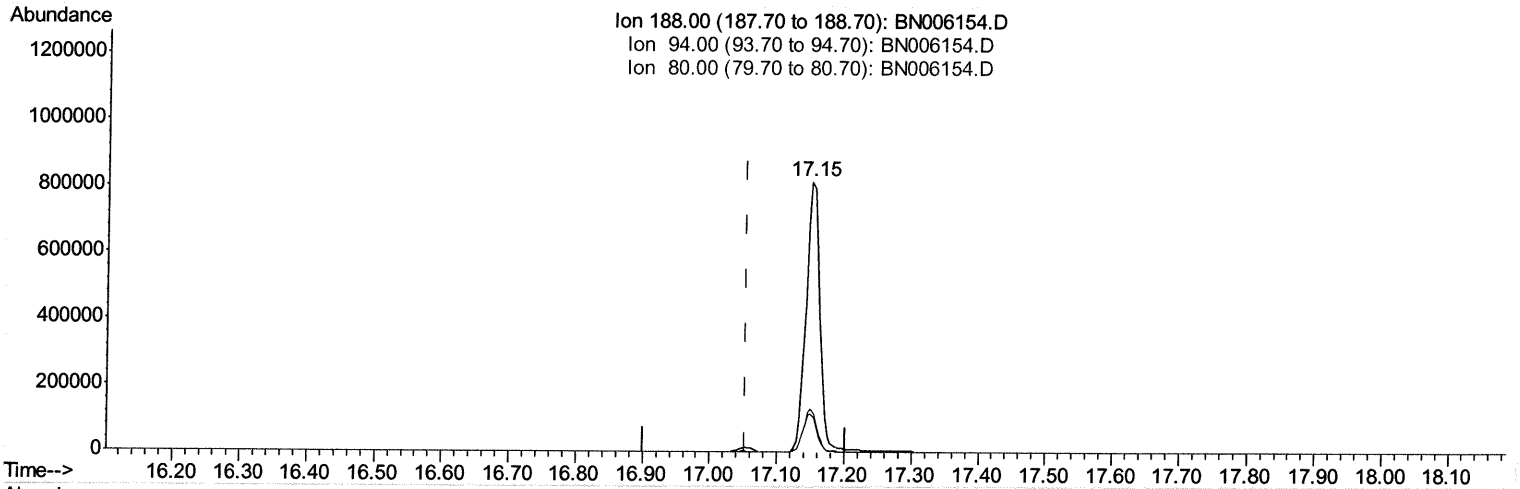
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

Quant Time: Jun 07 03:55:26 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 1154676

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.84#
80.00	13.60	14.26
0.00	0.00	0.00

Quantitation Report (Qedit)

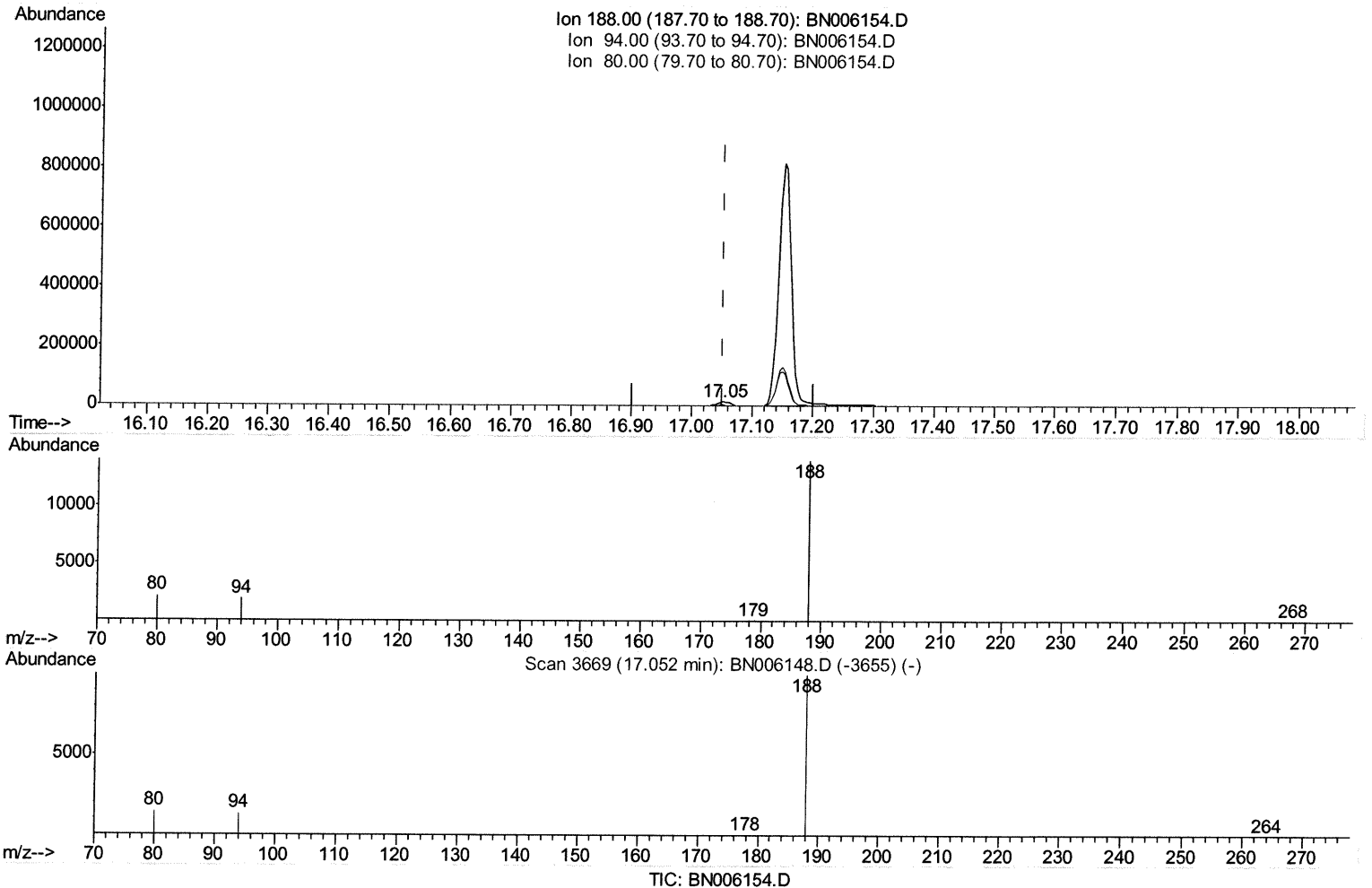
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

Quant Time: Jun 07 03:55:26 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.052min (-0.000) 0.40ng/ul m *JU 06/10/19*

response 20030

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.10
80.00	13.60	15.62
0.00	0.00	0.00

Quantitation Report (Qedit)

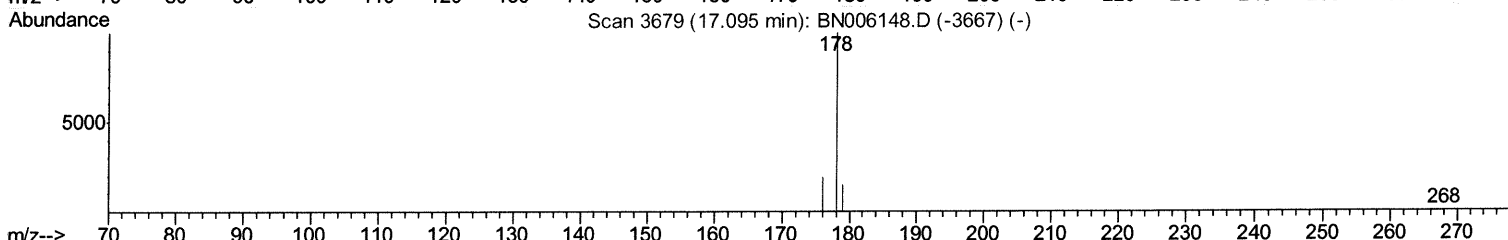
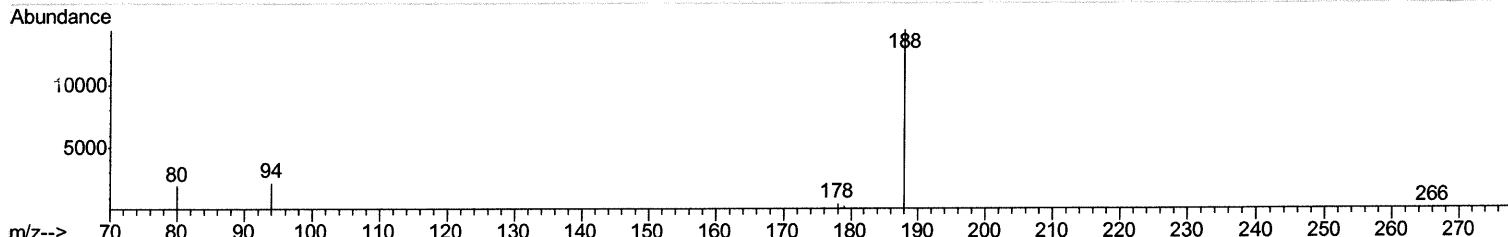
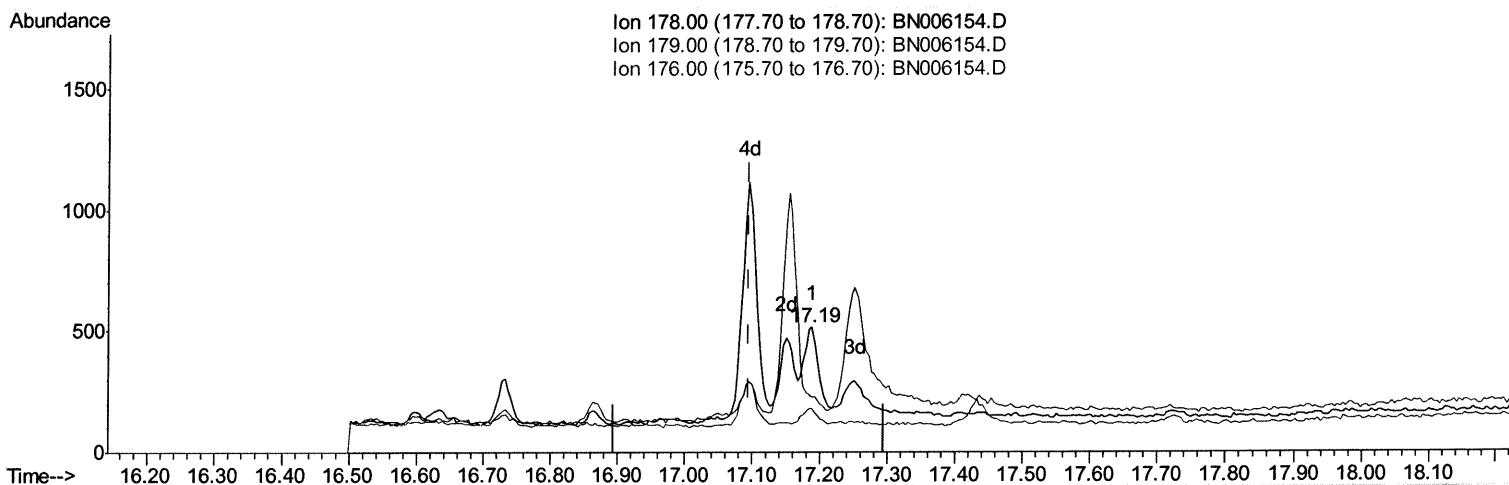
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

Quant Time: Jun 07 03:56:17 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006154.D

(12) Phenanthrene

17.187min (+0.093) 0.01ng/ul

response 623

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	44.57#
176.00	19.10	35.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

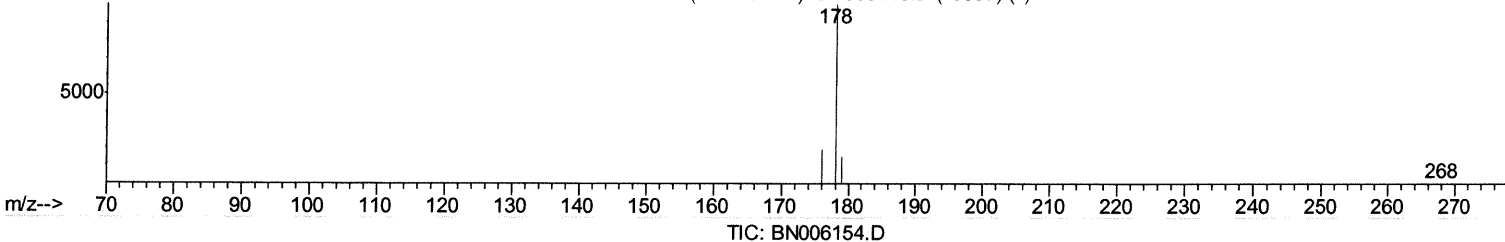
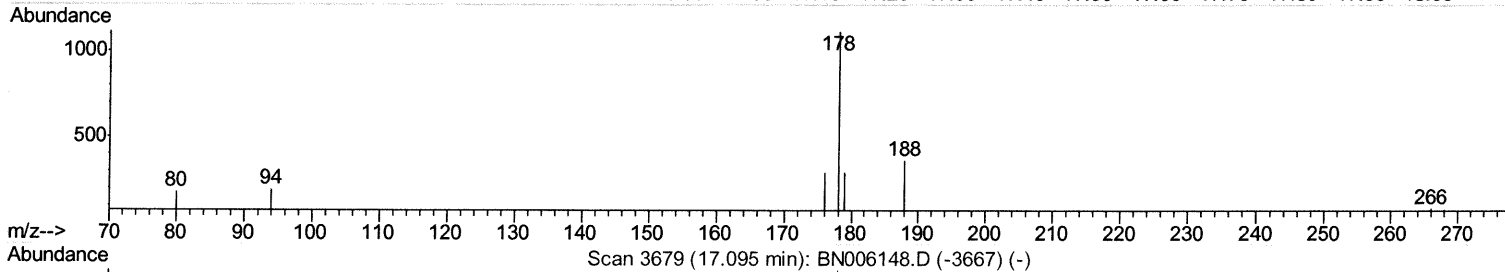
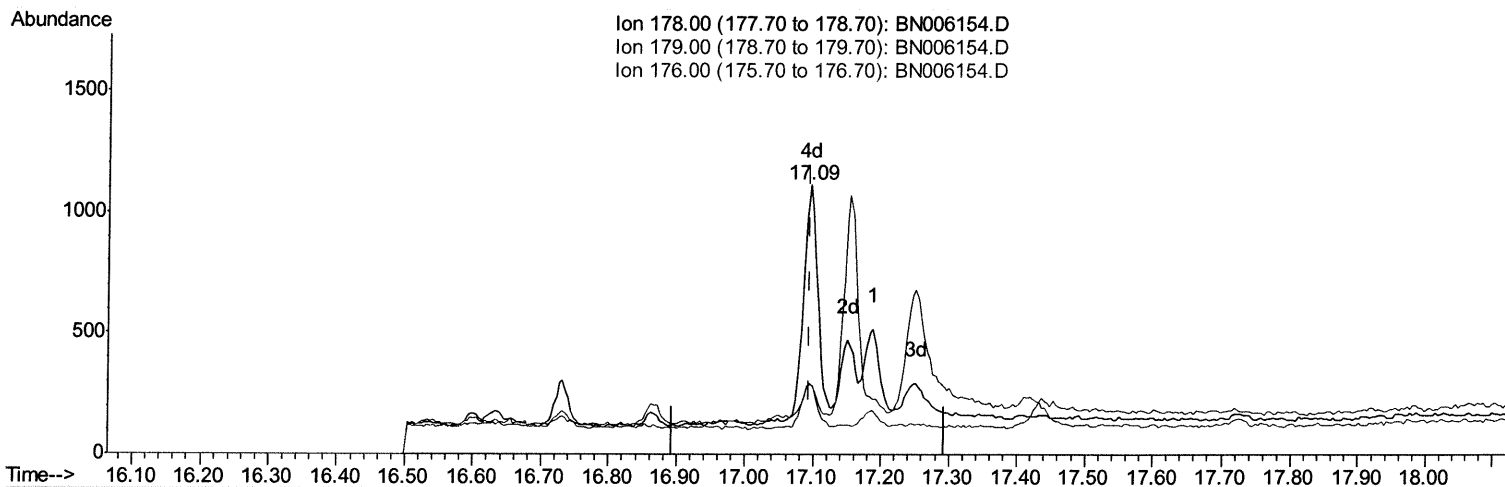
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

Manual Integrations
 APPROVED

mohammad
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Quant Time: Jun 07 03:56:17 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.094min (-0.000) 0.02ng/ul m

JU
 06/10/19

response 1406

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	26.34#
176.00	19.10	25.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

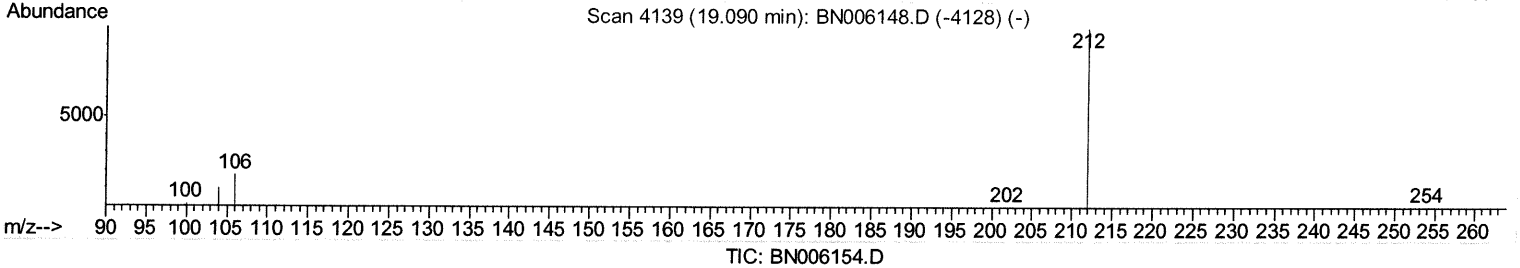
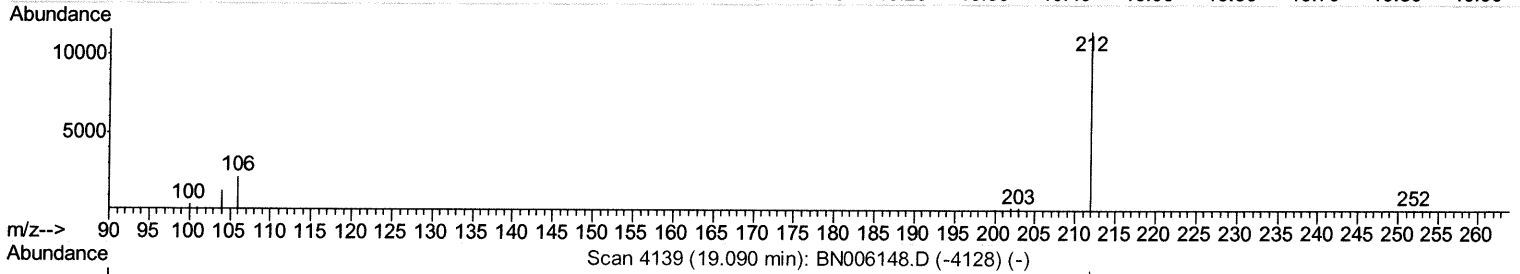
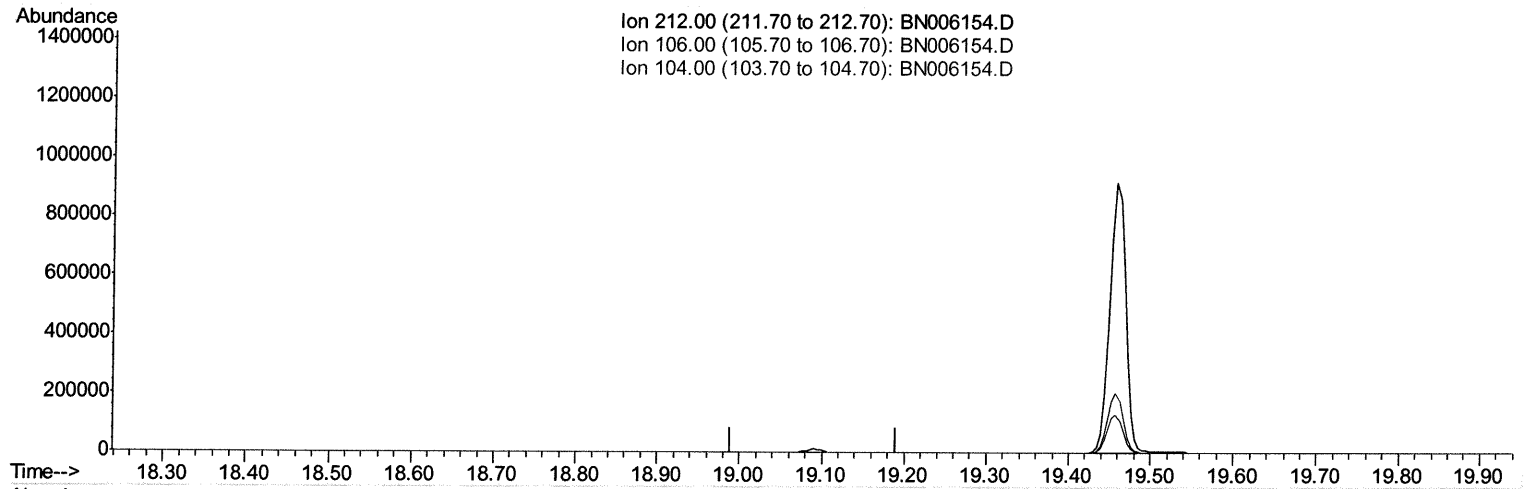
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

Quant Time: Jun 07 03:56:17 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

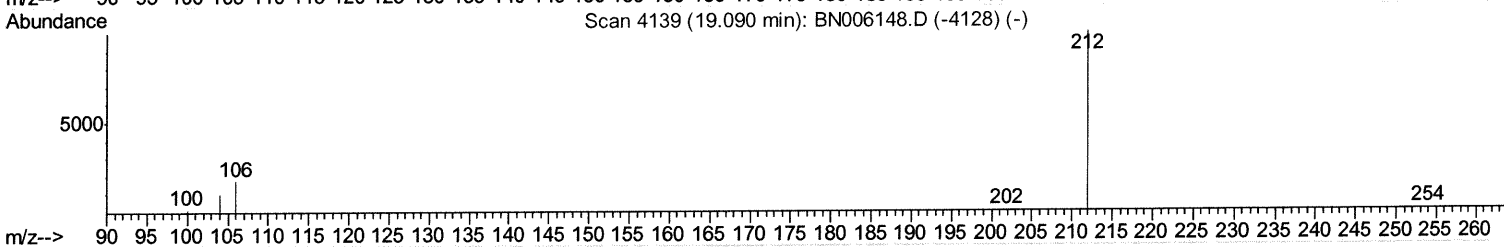
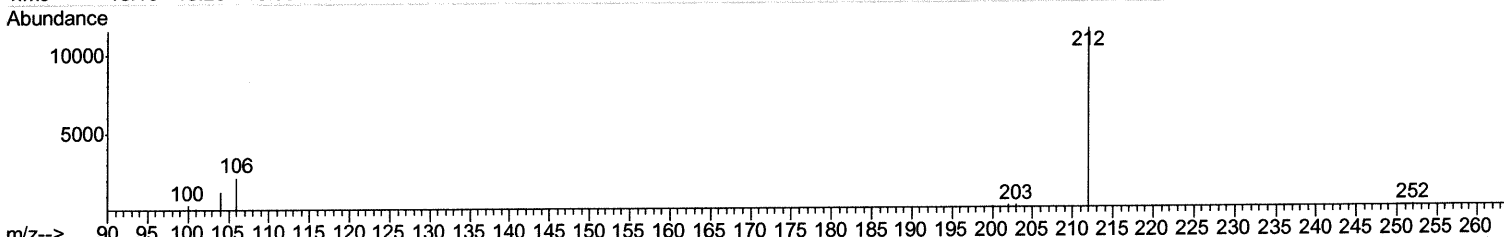
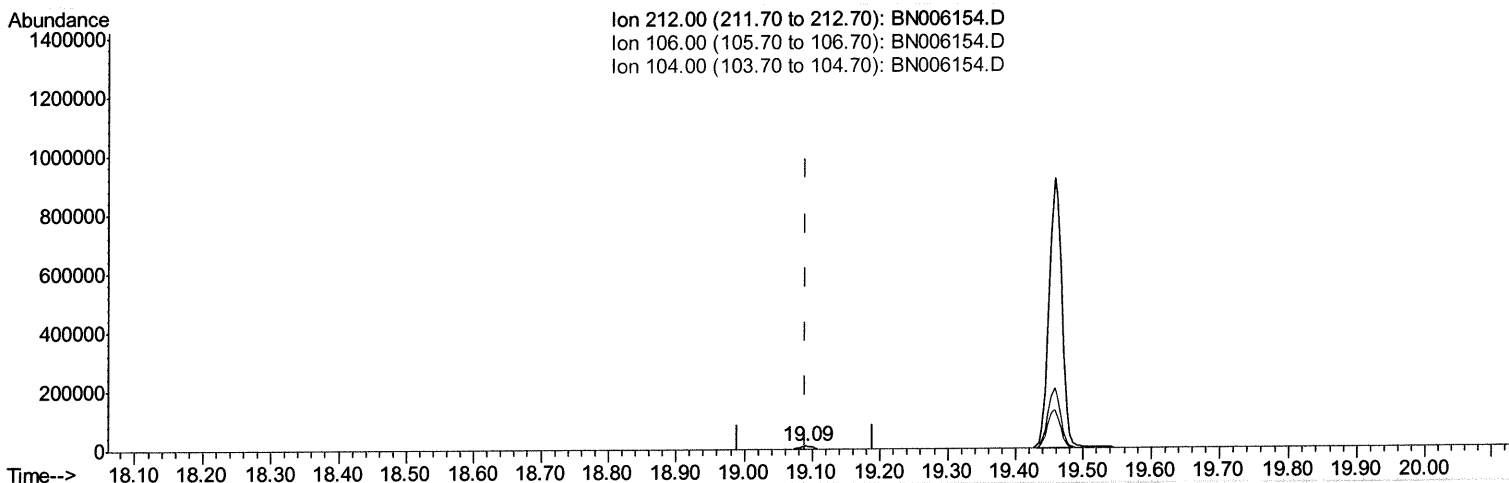
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

Quant Time: Jun 07 03:56:17 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006154.D

(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 0.29ng/ul m

JU
 06/10/19

response 15618

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

Quantitation Report (Qedit)

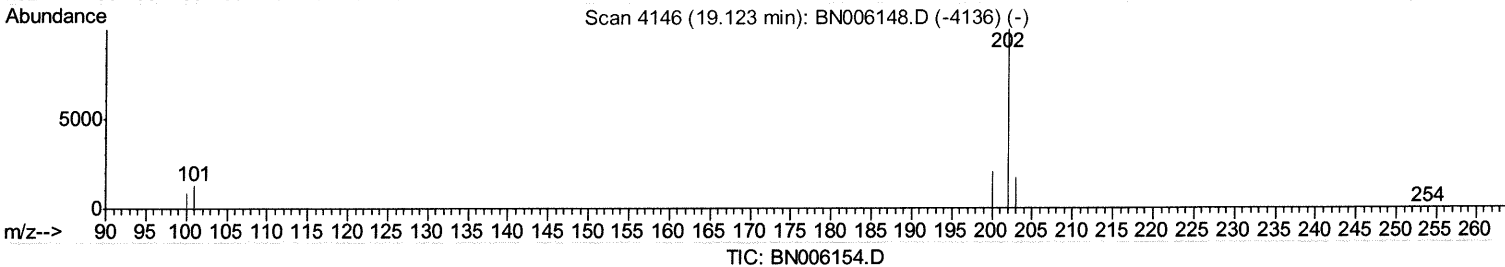
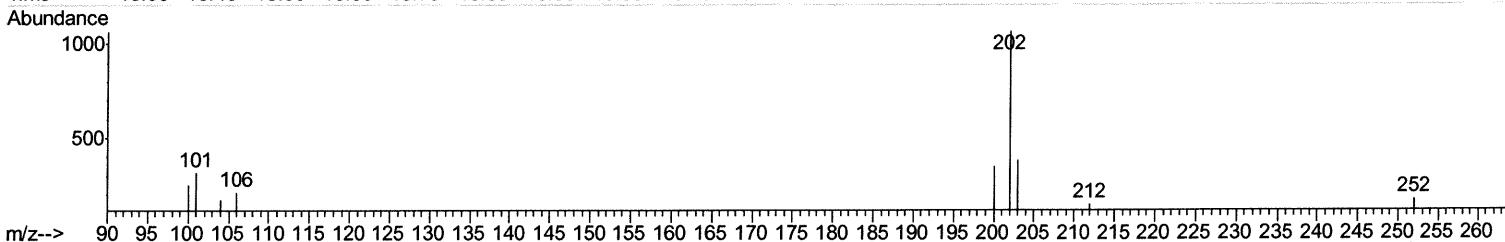
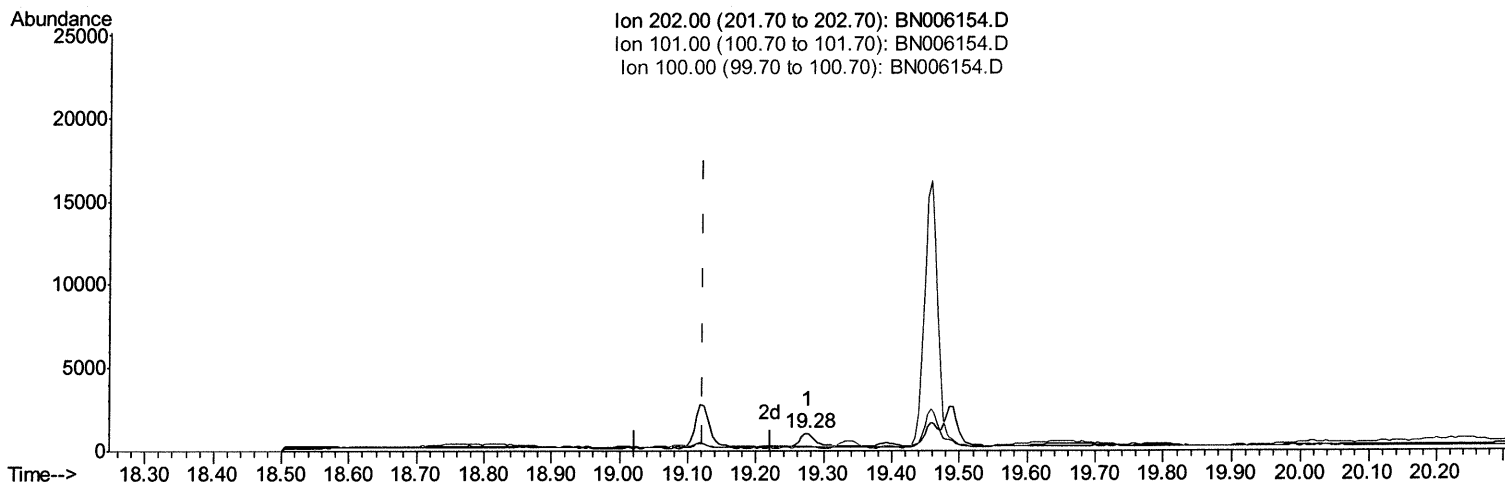
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

Quant Time: Jun 07 03:57:06 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



TIC: BN006154.D

(15) Fluoranthene (C)

19.276min (+0.153) 0.02ng/ul

response 1118

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	29.87
100.00	8.70	23.50
0.00	0.00	0.00

Quantitation Report (Qedit)

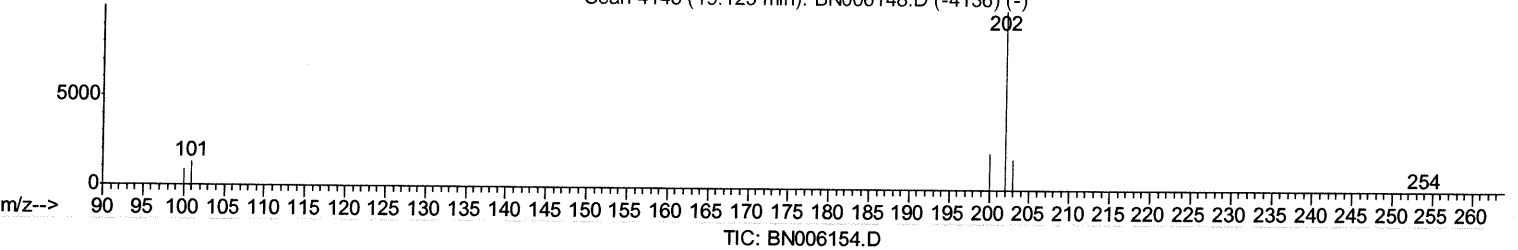
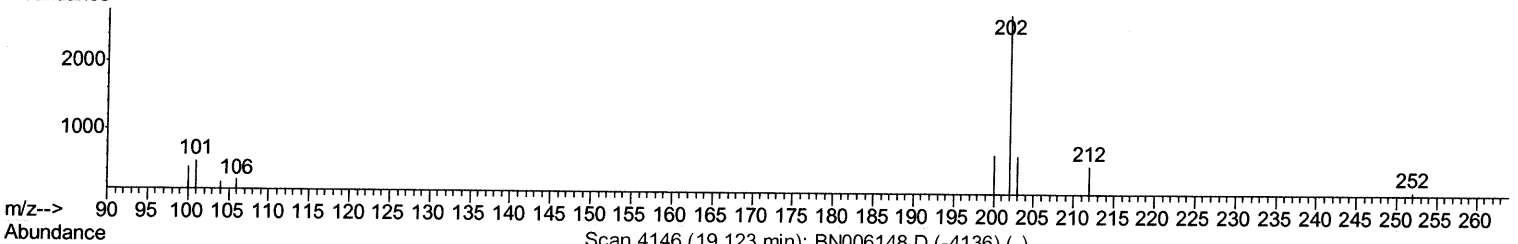
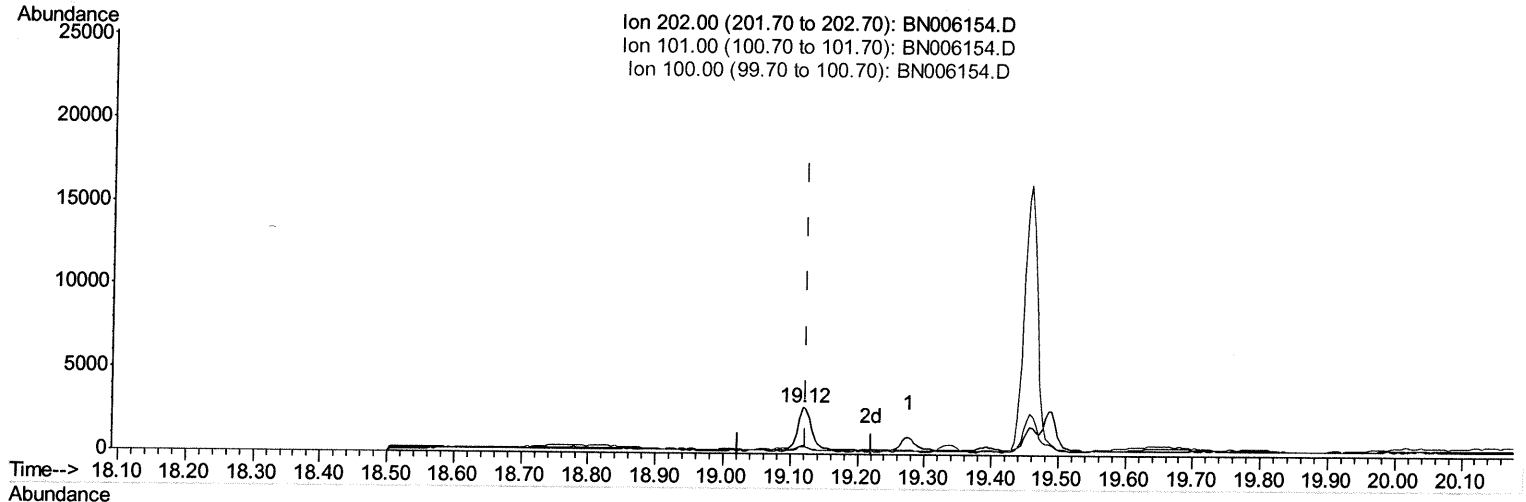
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

Quant Time: Jun 07 03:57:06 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.118min (-0.005) 0.05ng/ul m *JU 06/10/19*

response 3642

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	19.05
100.00	8.70	16.09
0.00	0.00	0.00

Quantitation Report (Qedit)

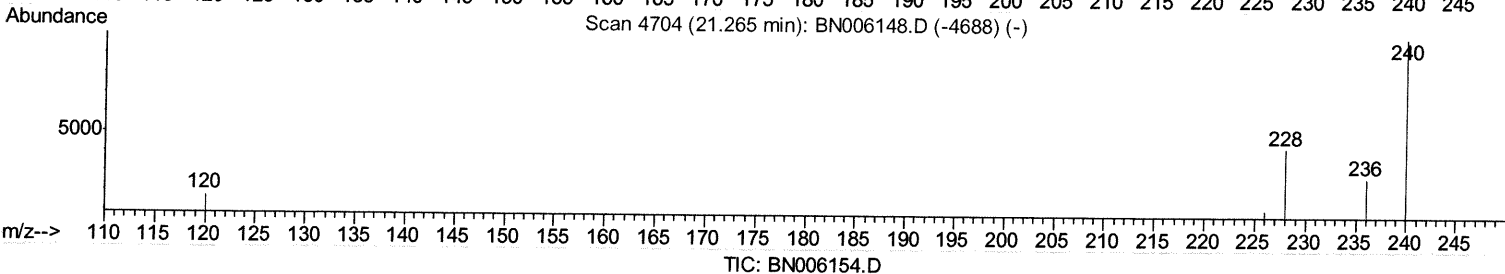
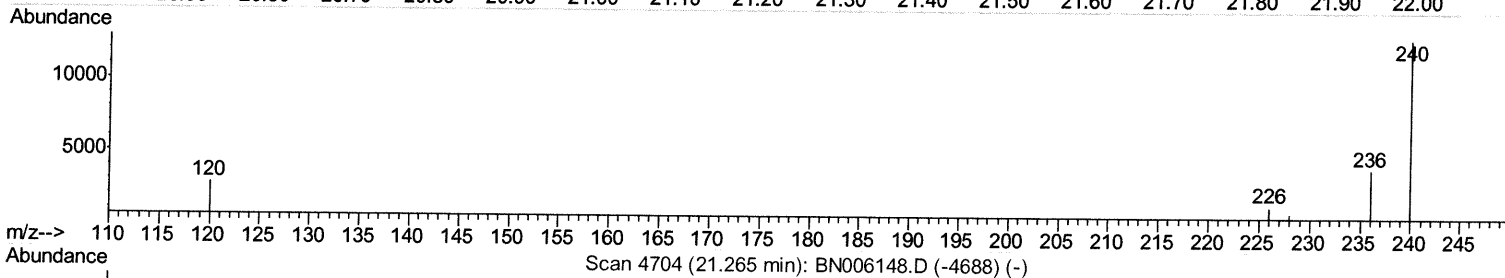
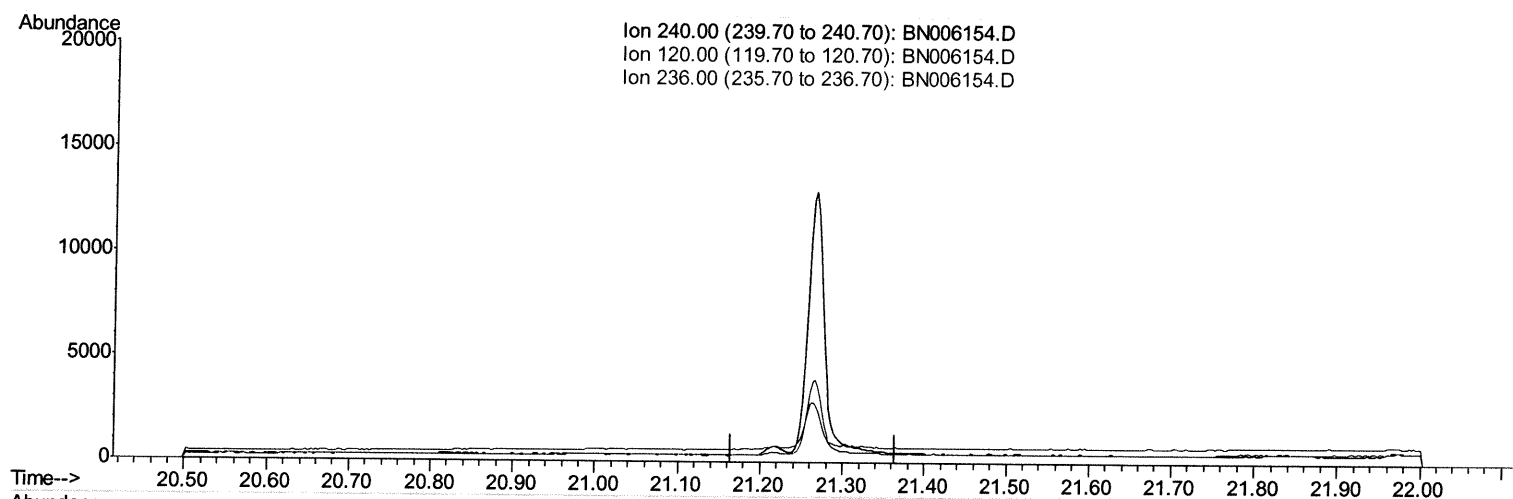
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

Quant Time: Jun 07 03:57:06 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.265min (-21.265) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

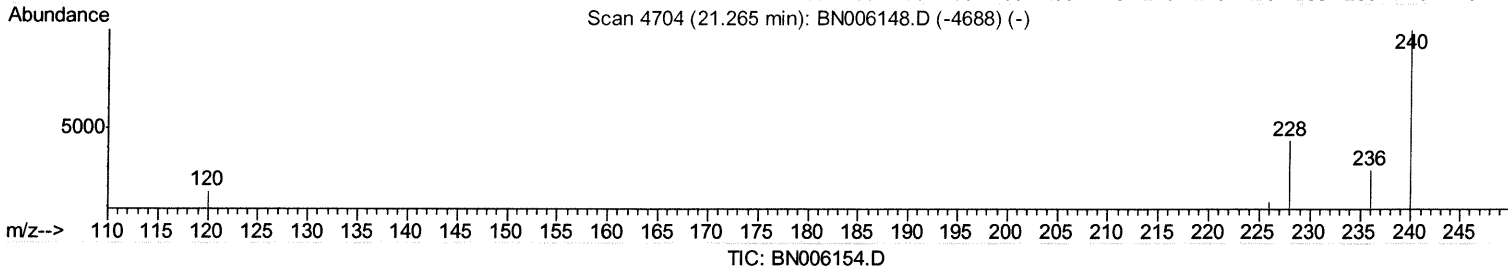
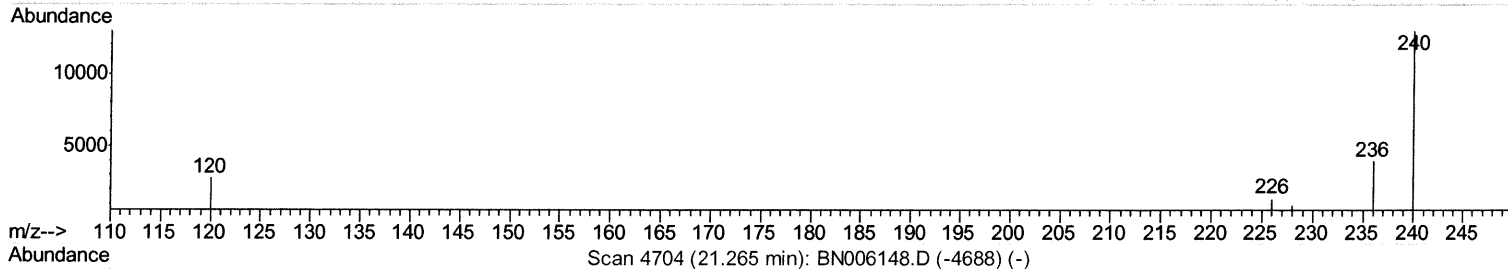
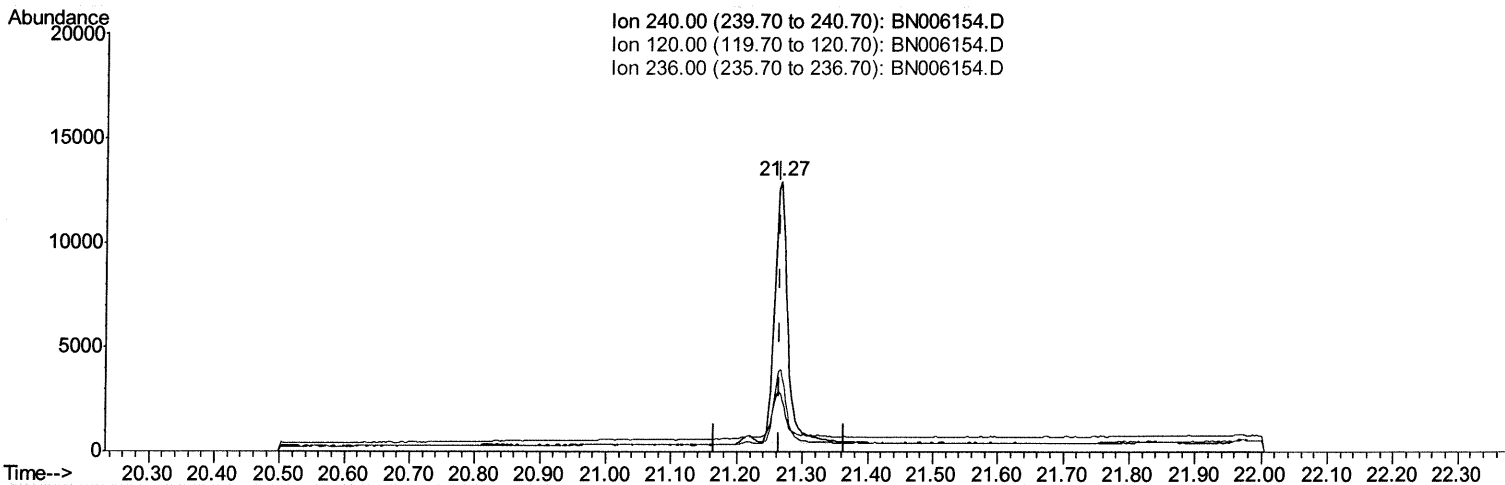
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

Quant Time: Jun 07 03:57:06 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.265min (-0.000) 0.40ng/ul m *JU 06/10/19*

response 17444

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	21.42
236.00	30.10	30.32
0.00	0.00	0.00

Quantitation Report (Qedit)

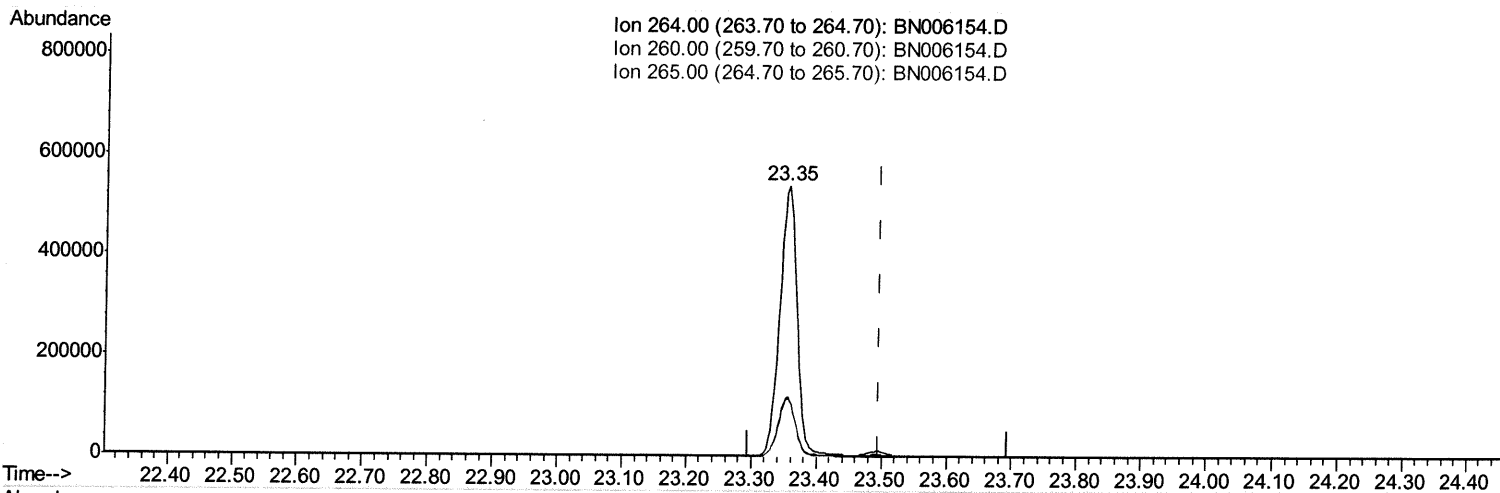
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

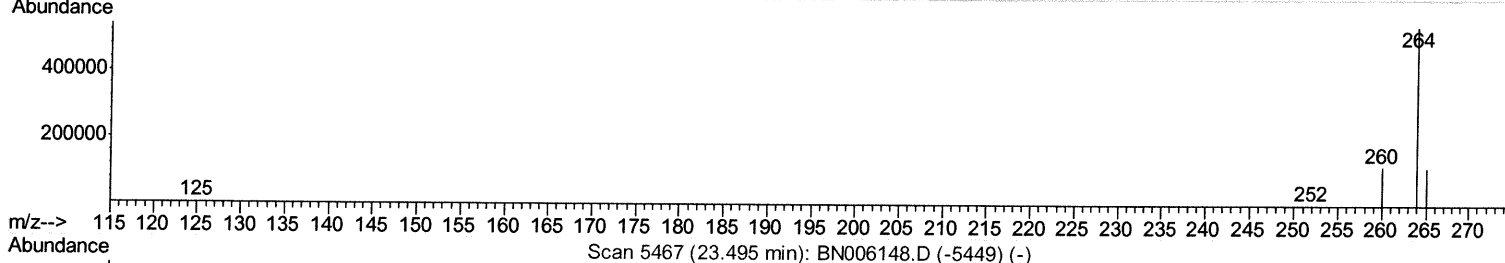
Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

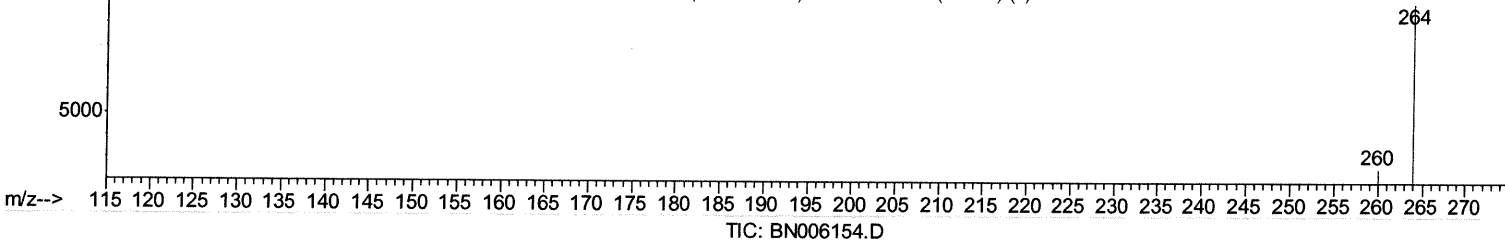
Quant Time: Jun 07 03:58:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



Ion 264.00 (263.70 to 264.70): BN006154.D
 Ion 260.00 (259.70 to 260.70): BN006154.D
 Ion 265.00 (264.70 to 265.70): BN006154.D



Scan 5467 (23.495 min): BN006148.D (-5449) (-)



TIC: BN006154.D

(20) Perylene-d12 (I)

23.355min (-0.140) 0.40ng/ul

response 1003092

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.11#
265.00	44.70	21.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

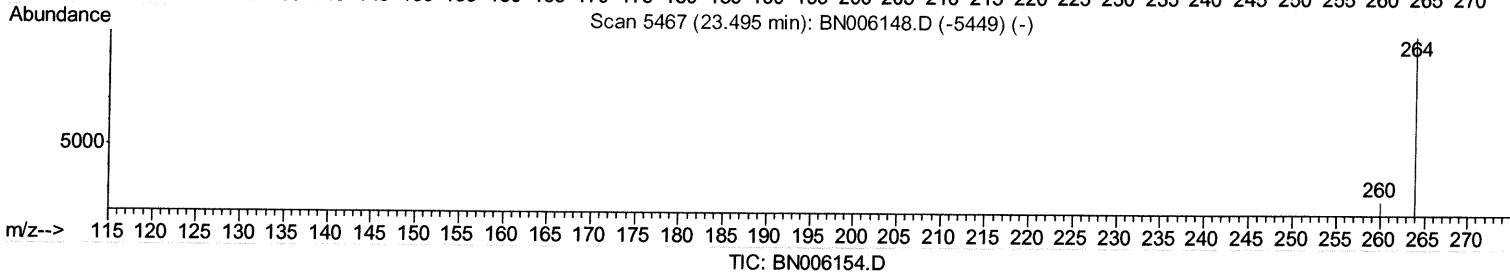
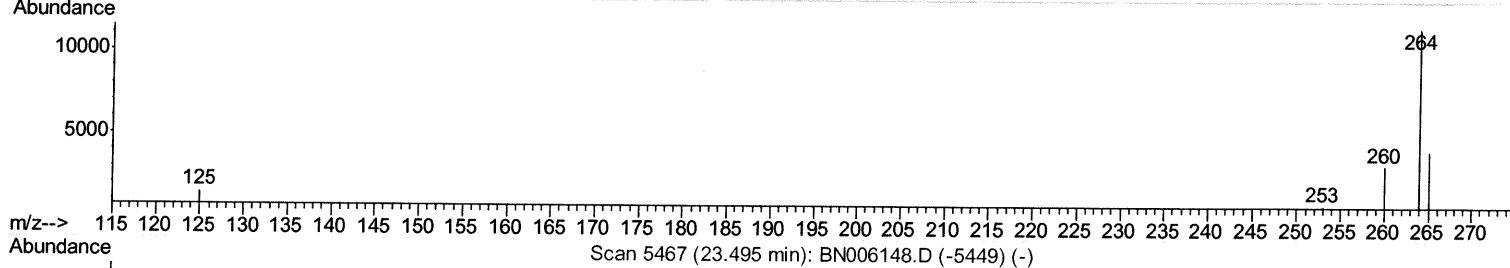
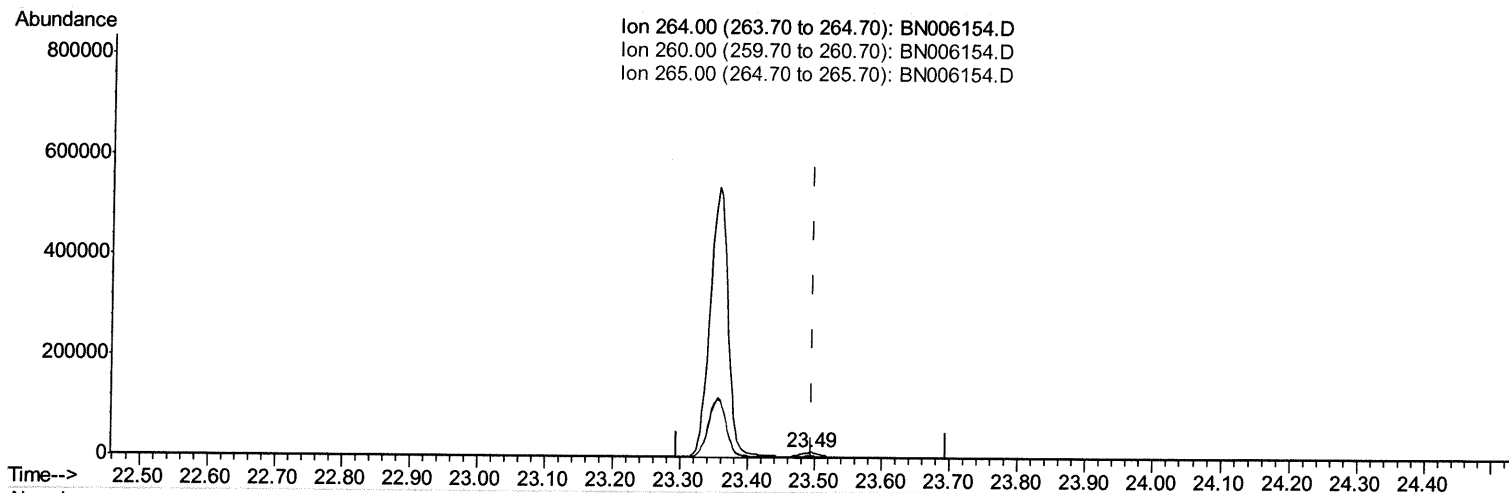
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C7

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

Quant Time: Jun 07 03:58:15 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.492min (-0.003) 0.40ng/ul m *JU 06/10/19*

response 15452

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.88
265.00	44.70	35.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006154.D
 Acq On : 07 Jun 2019 02:56
 Operator : JU/SJ
 Sample : K3016-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:07:53 PM

Quant Time: Jun 07 04:00:16 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 : Fri Jun 07 01:31:14 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5066	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19091	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9837	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20030m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	17444m>	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	15452m>	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	7287	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	15618m>	0.29	ng/ul	0.00
Target Compounds						
7) Acenaphthylene	14.01	152	2466	0.045	ng/ul#	84
12) Phenanthrene	17.09	178	1406m>	0.022	ng/ul	
15) Fluoranthene	19.12	202	3642m>	0.051	ng/ul	
17) Pyrene	19.49	202	3331	0.036	ng/ul#	69
18) Benzo(a)anthracene	21.25	228	2583	0.033	ng/ul#	42
19) Chrysene	21.30	228	2336	0.032	ng/ul#	51

Jo 06/10/19

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