

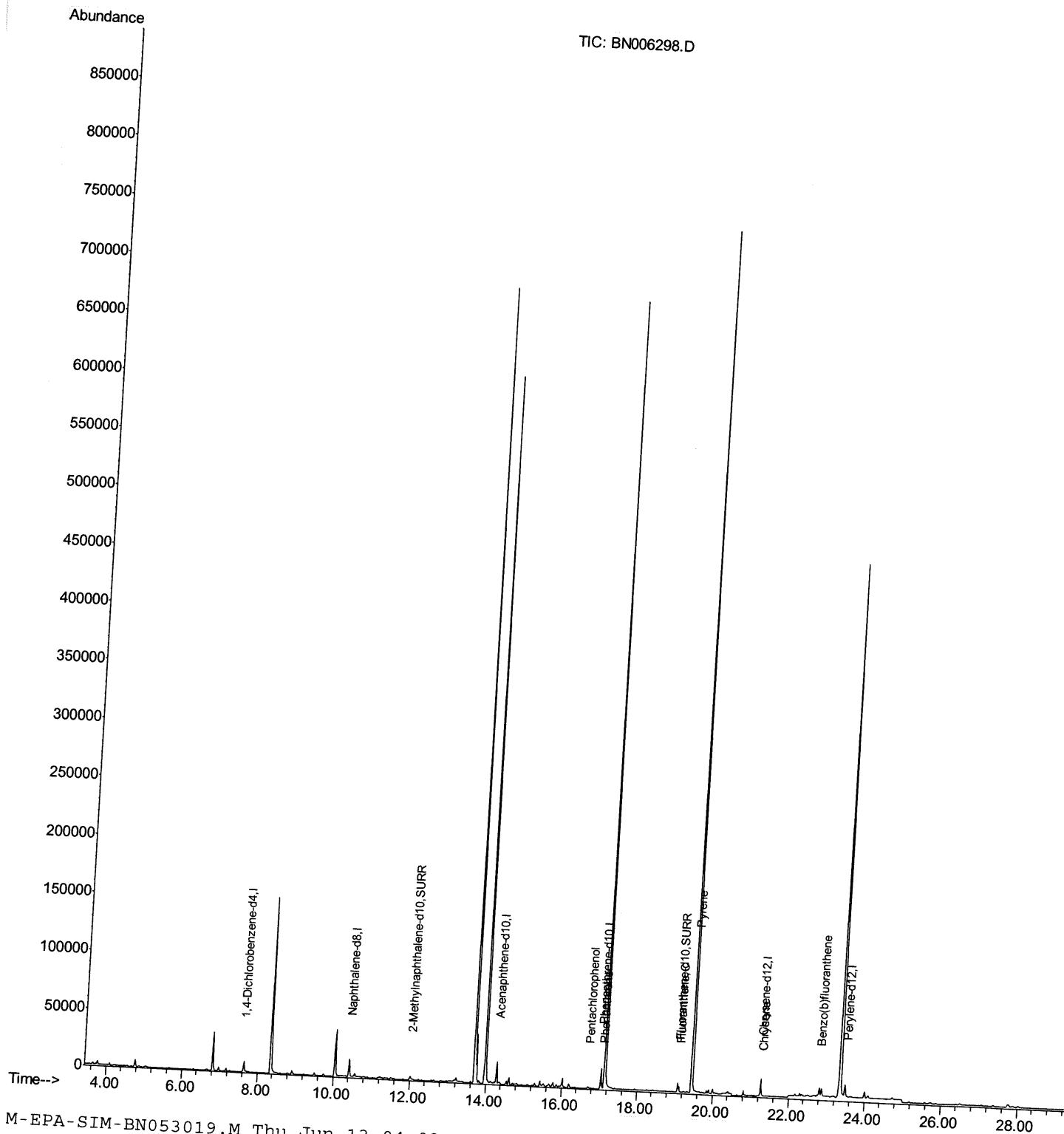
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:05:49 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



Quantitation Report (Qedit)

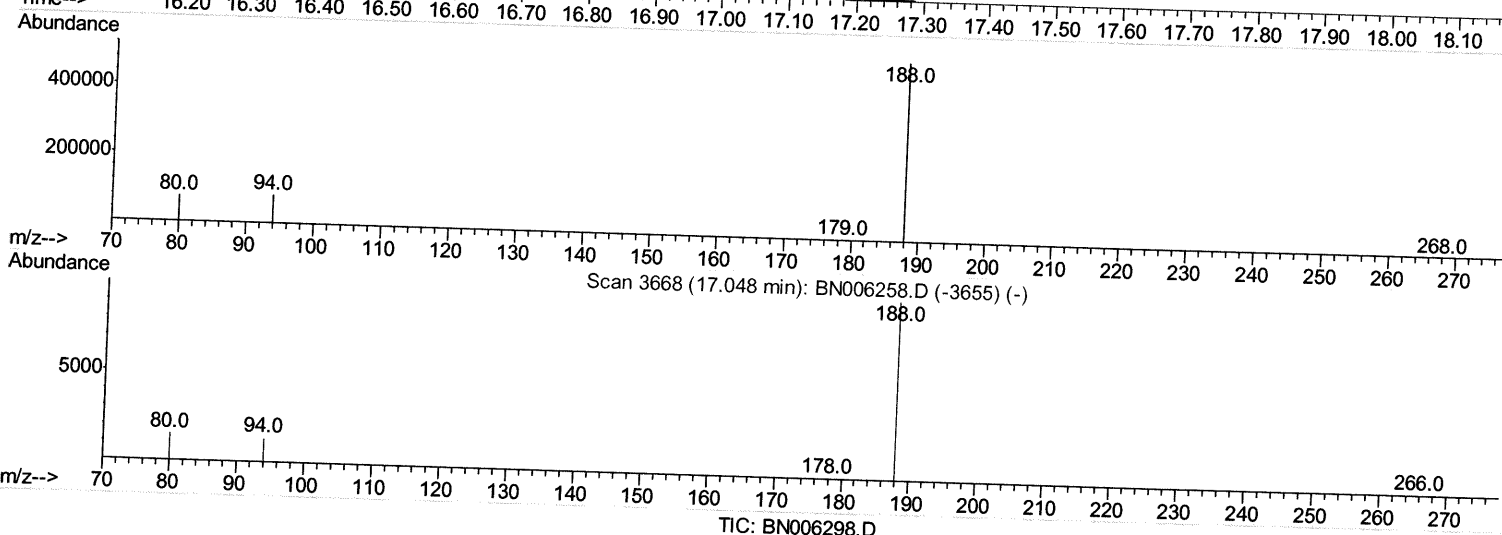
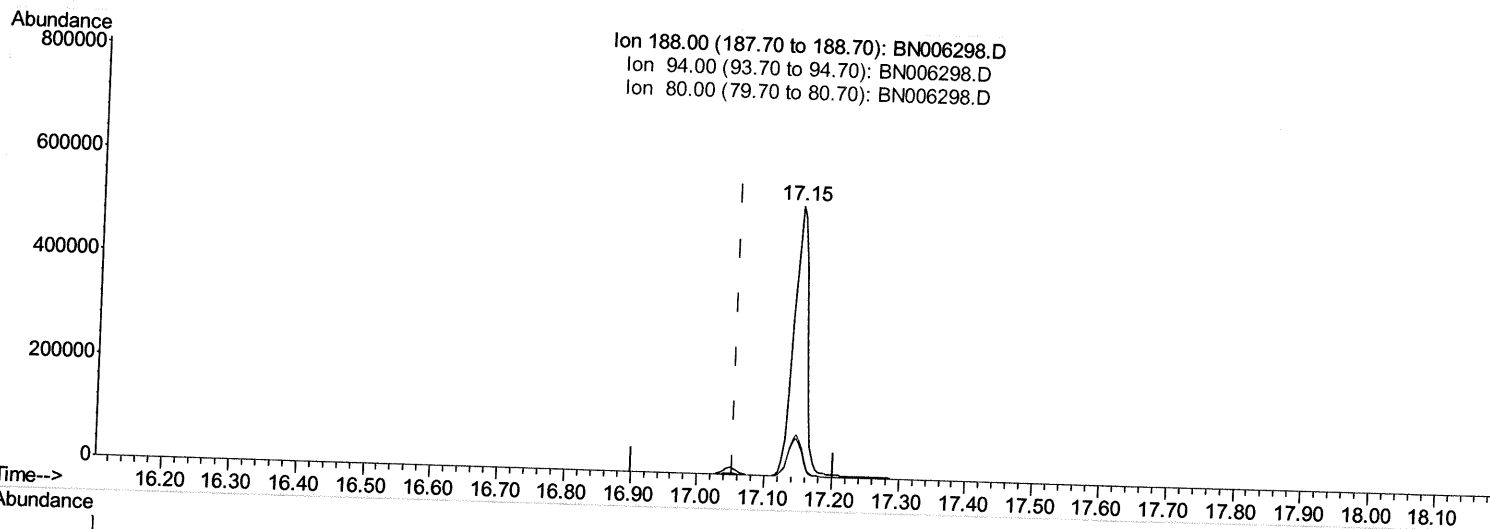
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 02:31:40 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.145min (+0.093) 0.40ng/ul

response 744409

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.62#
80.00	13.60	14.21
0.00	0.00	0.00

Quantitation Report (Qedit)

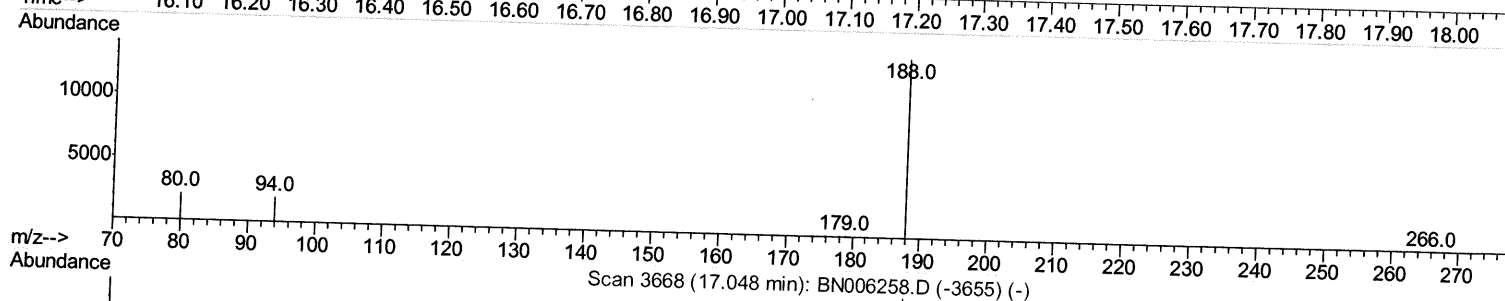
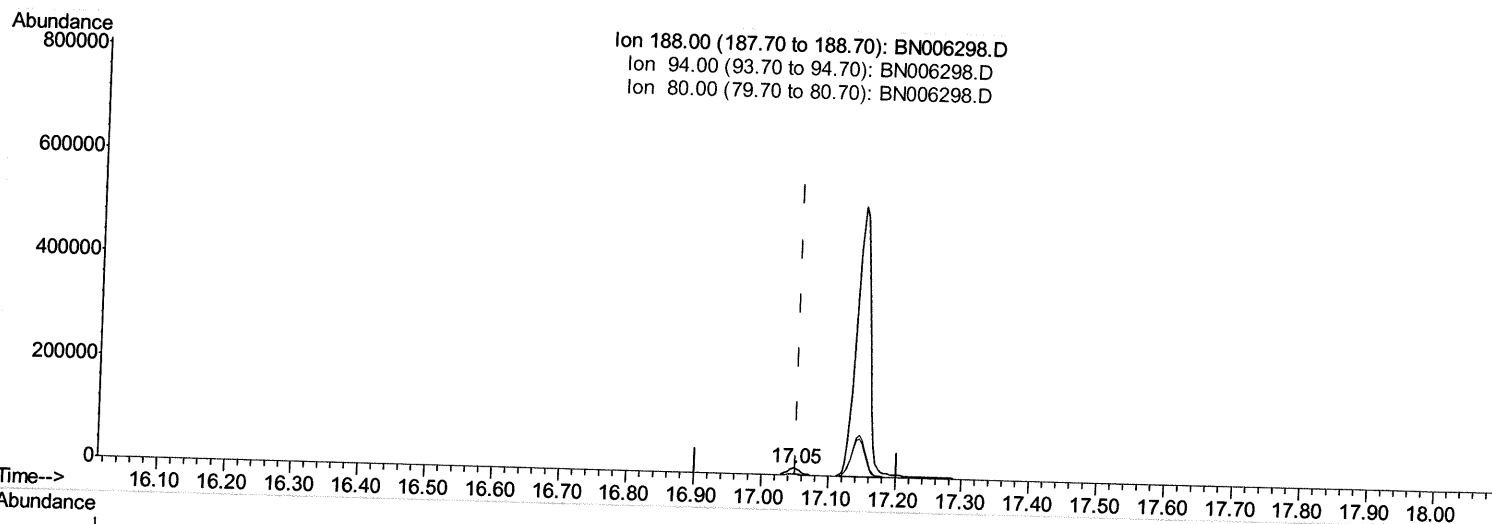
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 02:31:40 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



Scan 3668 (17.048 min): BN006258.D (-3655) (-)
 188.0
 178.0
 TIC: BN006298.D

(10) Phenanthrene-d10 (l)

17.048min (-0.004) 0.40ng/ul m *JU* *06/13/19*

response 19271

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.32
80.00	13.60	15.64
0.00	0.00	0.00

Quantitation Report (Qedit)

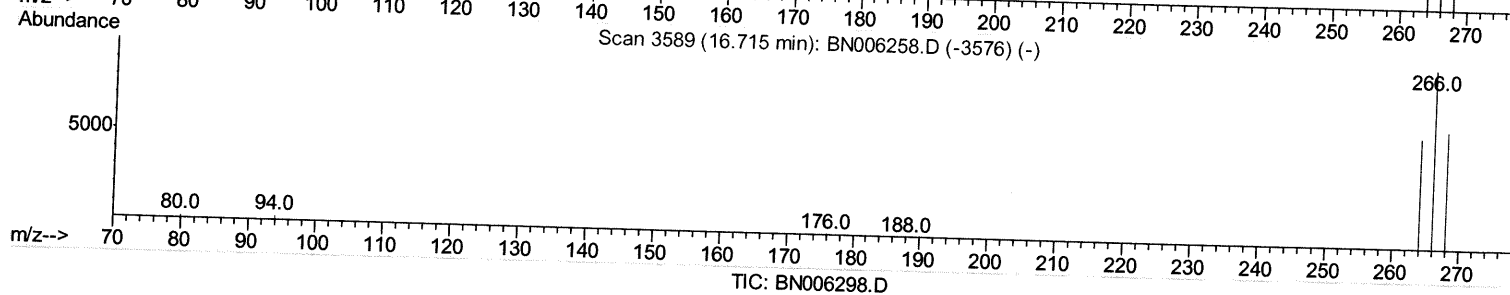
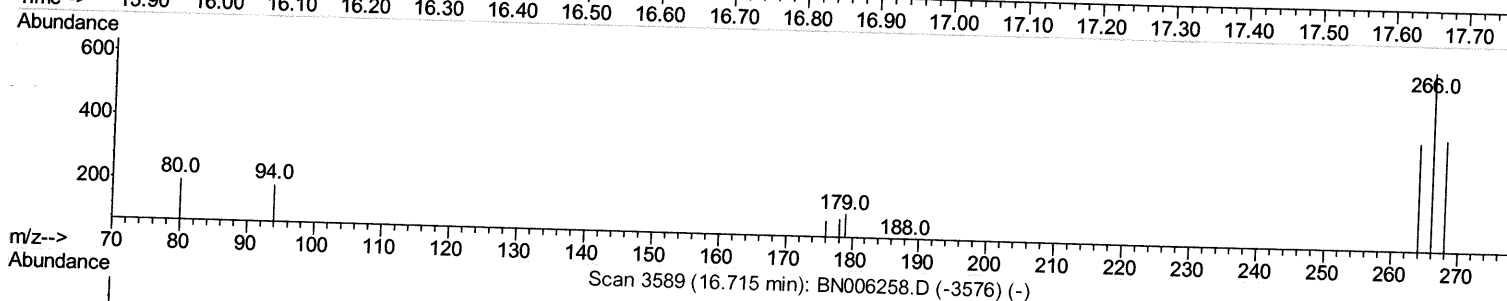
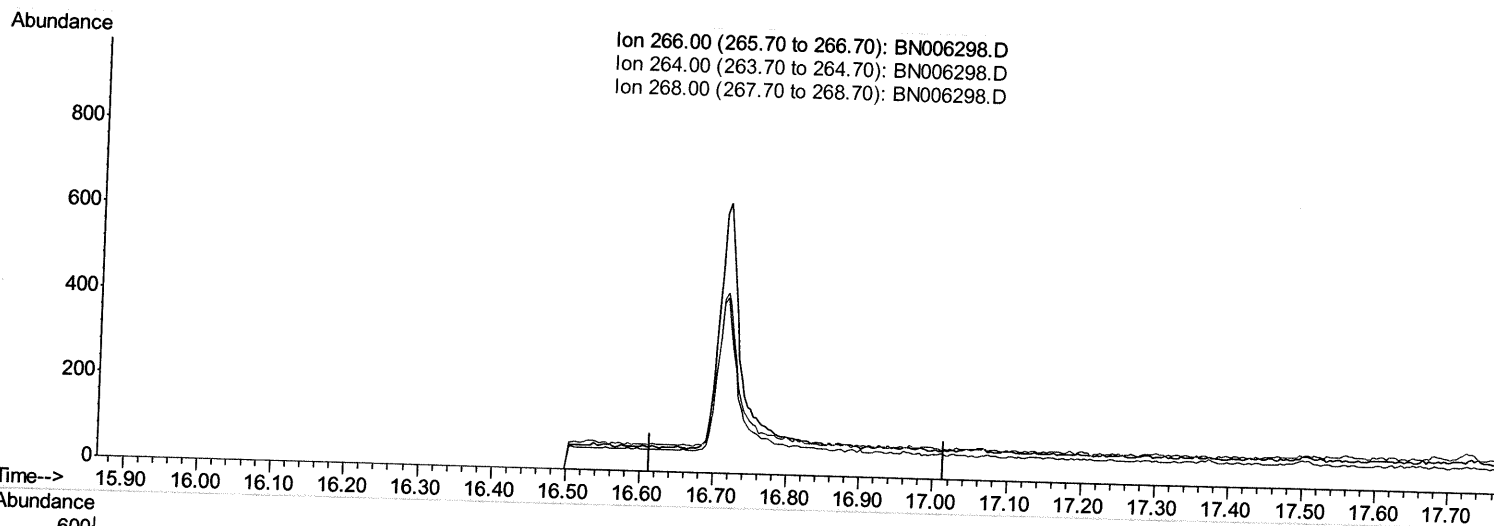
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:01:43 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(11) Pentachlorophenol

16.715min (-16.715) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	62.90	0.00#
268.00	64.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

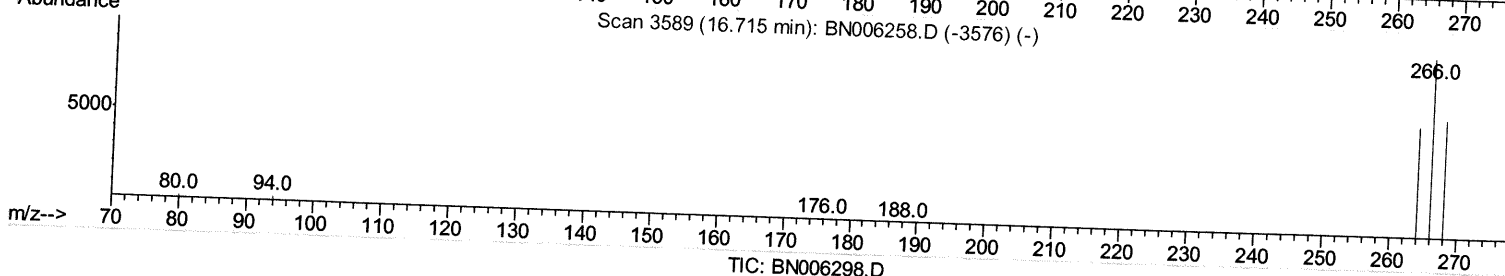
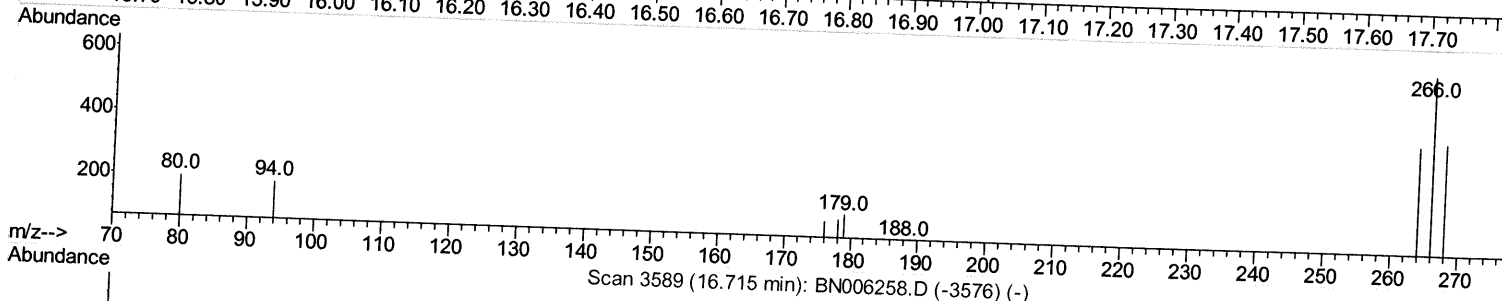
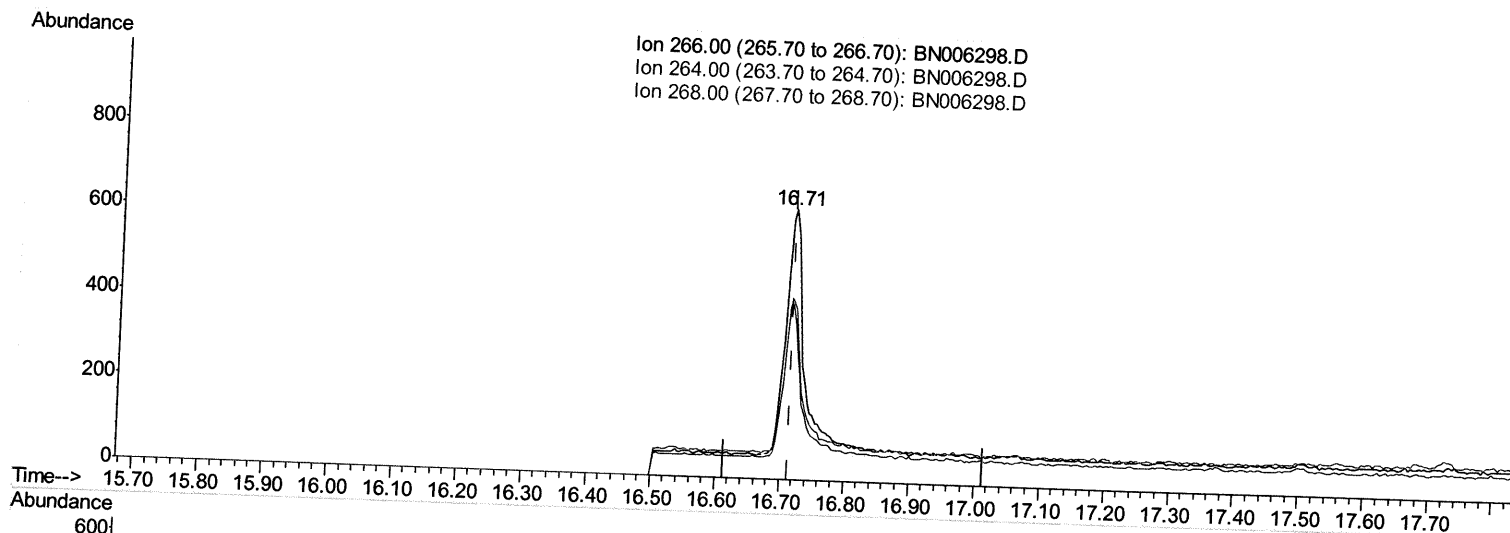
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:01:43 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(11) Pentachlorophenol

16.715min (-0.000) 0.25ng/ul m *JU* 06/13/19

response 1204

Ion	Exp%	Act%
266.00	100	100
264.00	62.90	0.00#
268.00	64.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

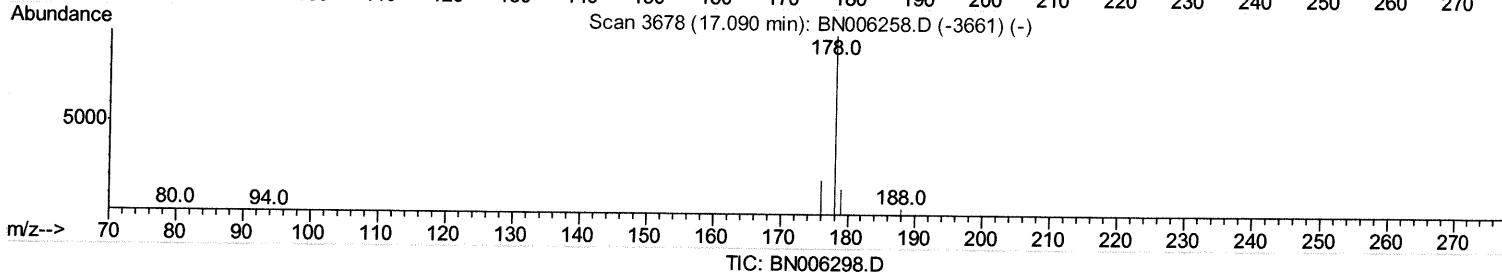
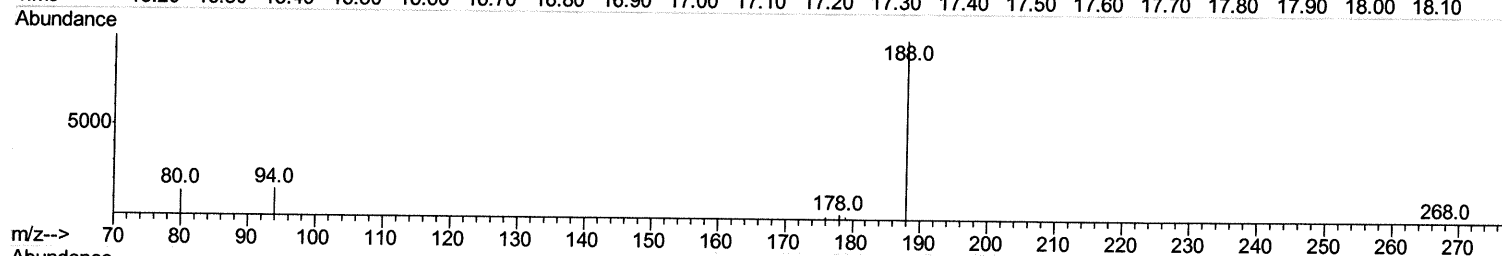
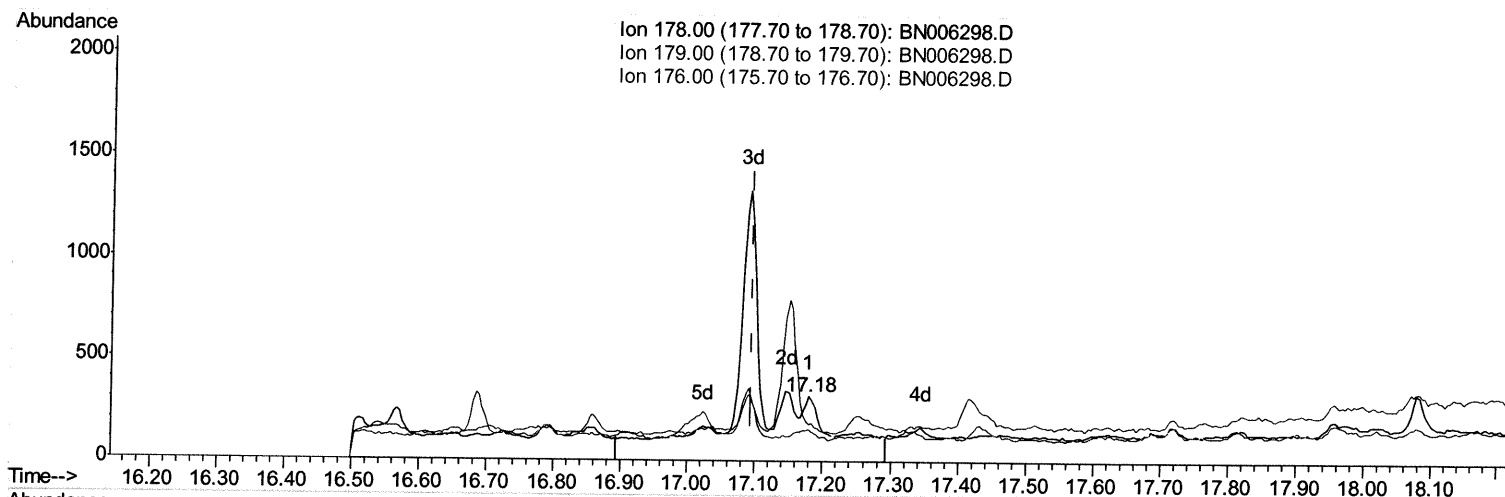
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:01:43 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.179min (+0.084) 0.00ng/ul

response 256

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	57.05#
176.00	19.10	50.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

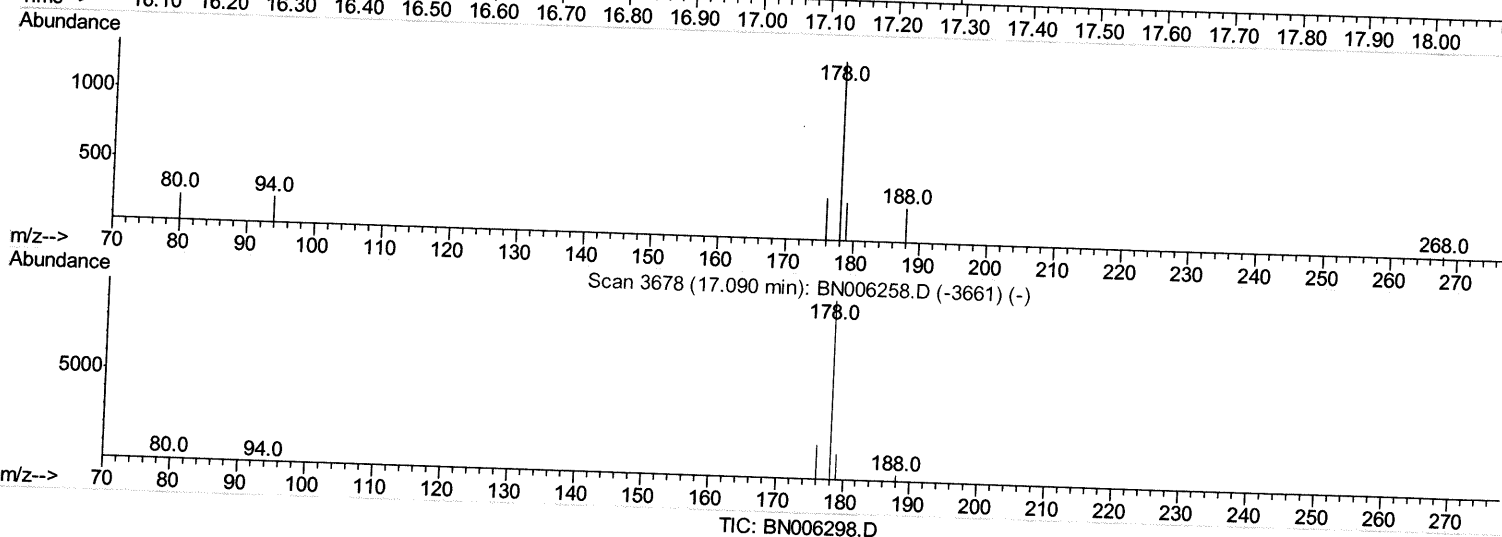
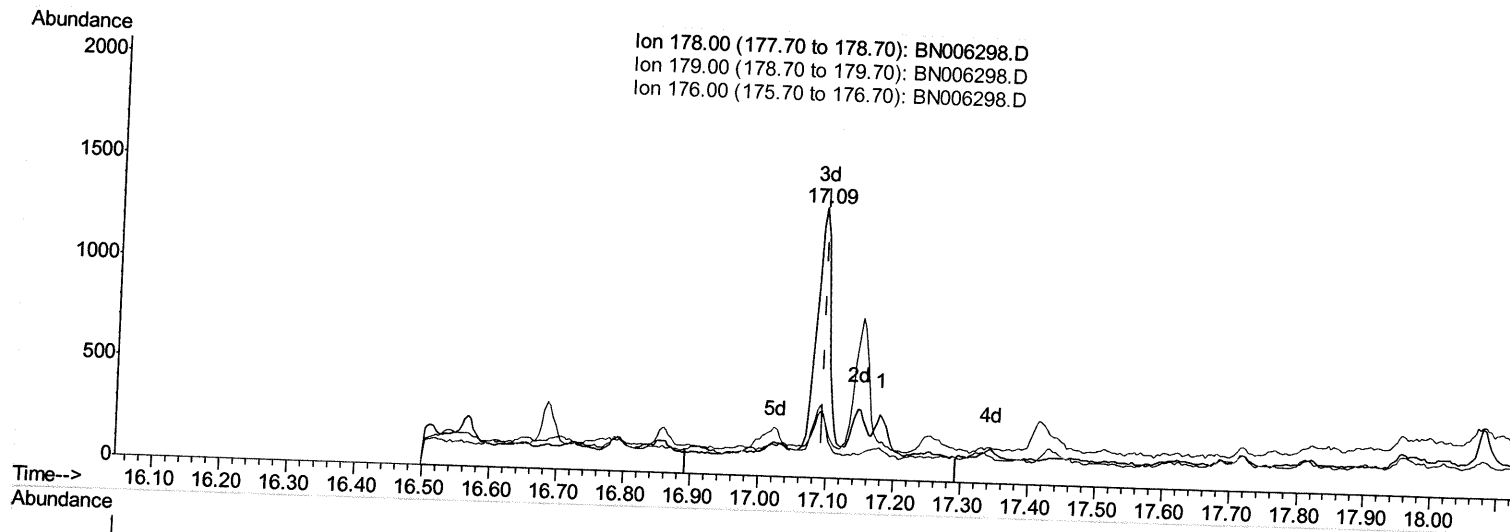
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:01:43 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.090min (-0.004) 0.03ng/ul m 06/13/19

response 1644

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	24.36#
176.00	19.10	26.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

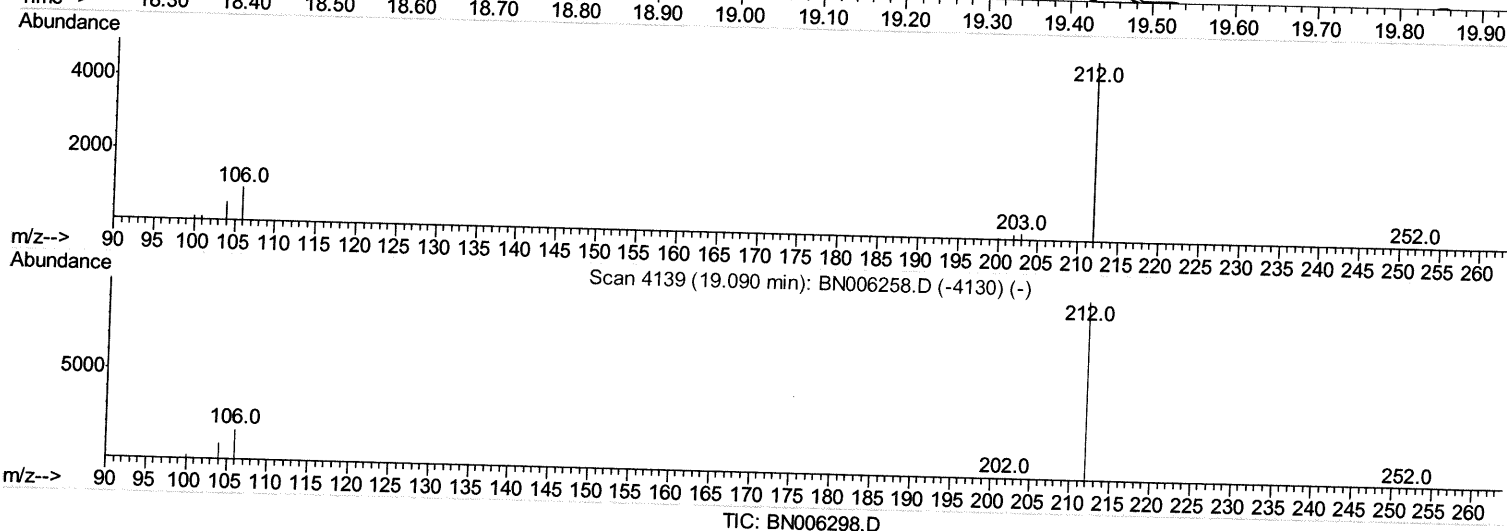
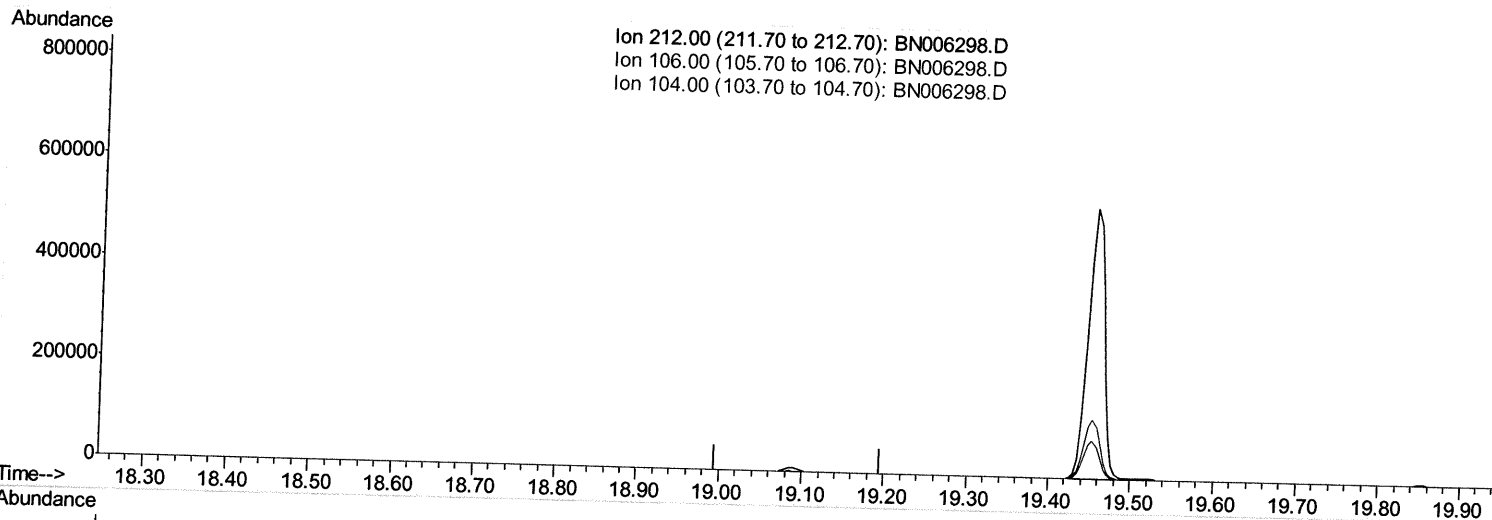
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:01:43 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.095min (-19.095) 0.00ng/ui

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)

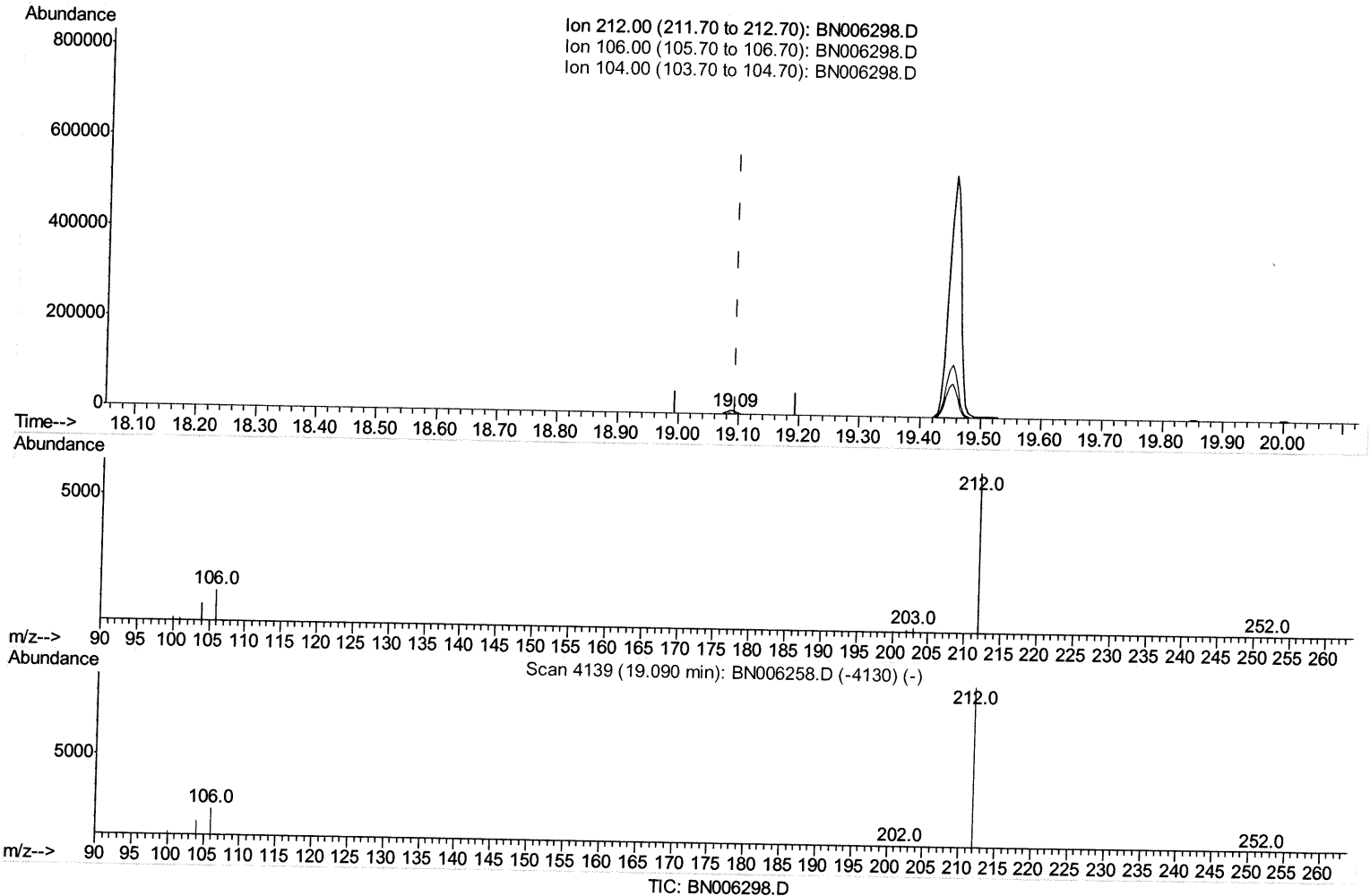
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:01:43 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.090min (-0.005) 0.17ng/ul m ⁵⁰ 06/13/19

response 8814

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)

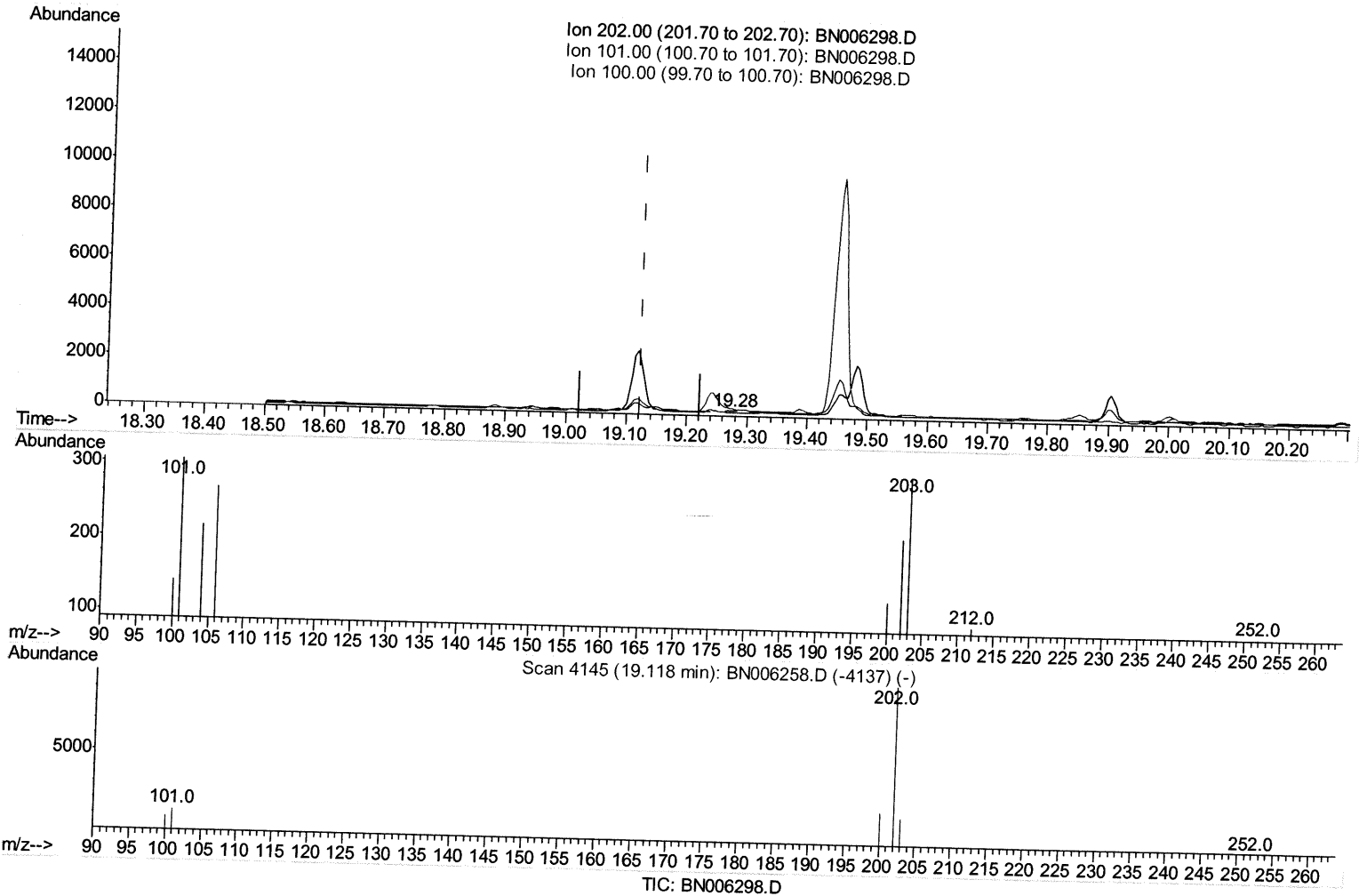
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:01:43 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.276min (+0.153) 0.00ng/ul

response 101

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	140.74#
100.00	8.70	65.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

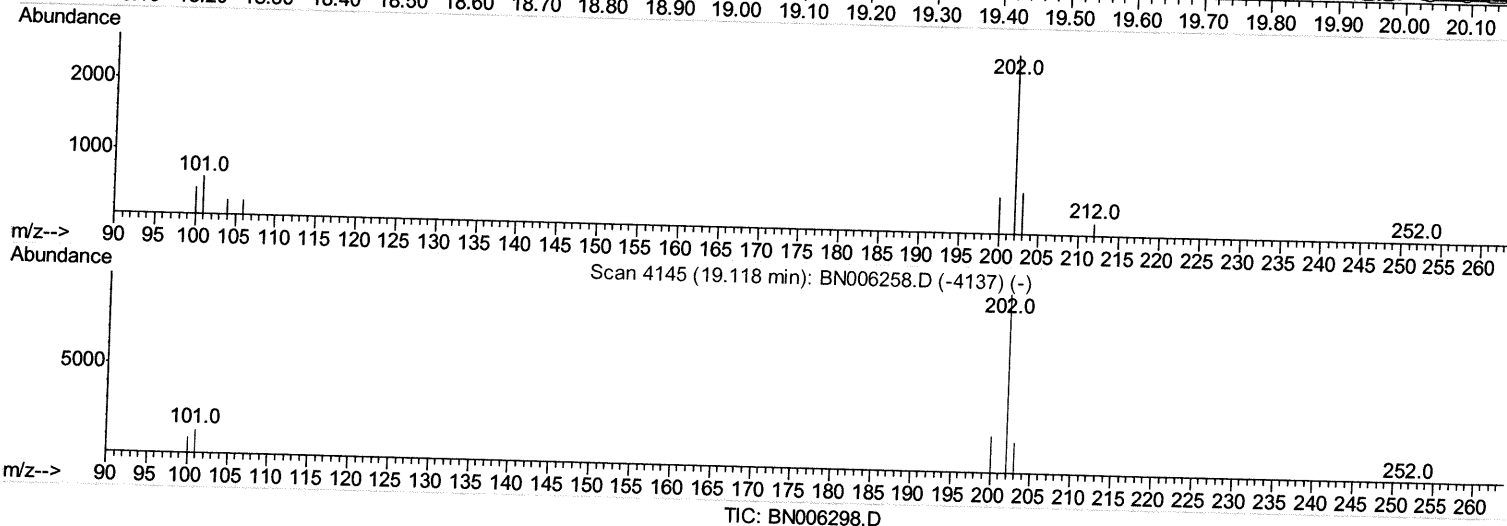
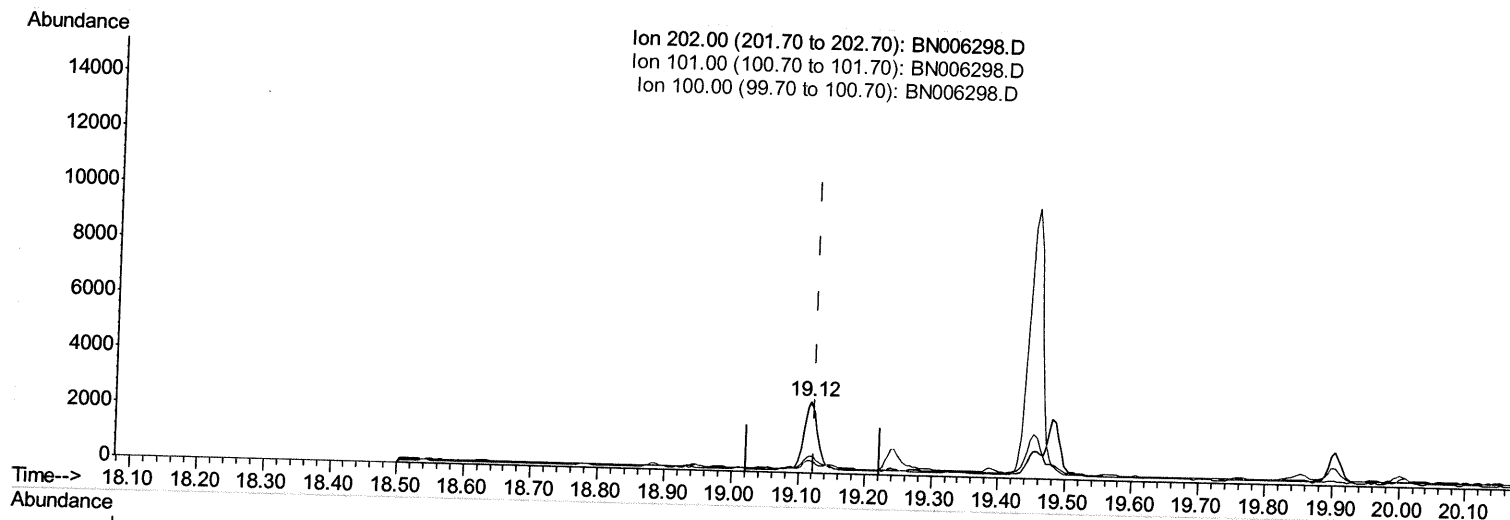
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:01:43 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.118min (-0.005) 0.05ng/ul m *JU 06/13/19*

response 3483

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	23.39
100.00	8.70	17.93
0.00	0.00	0.00

Quantitation Report (Qedit)

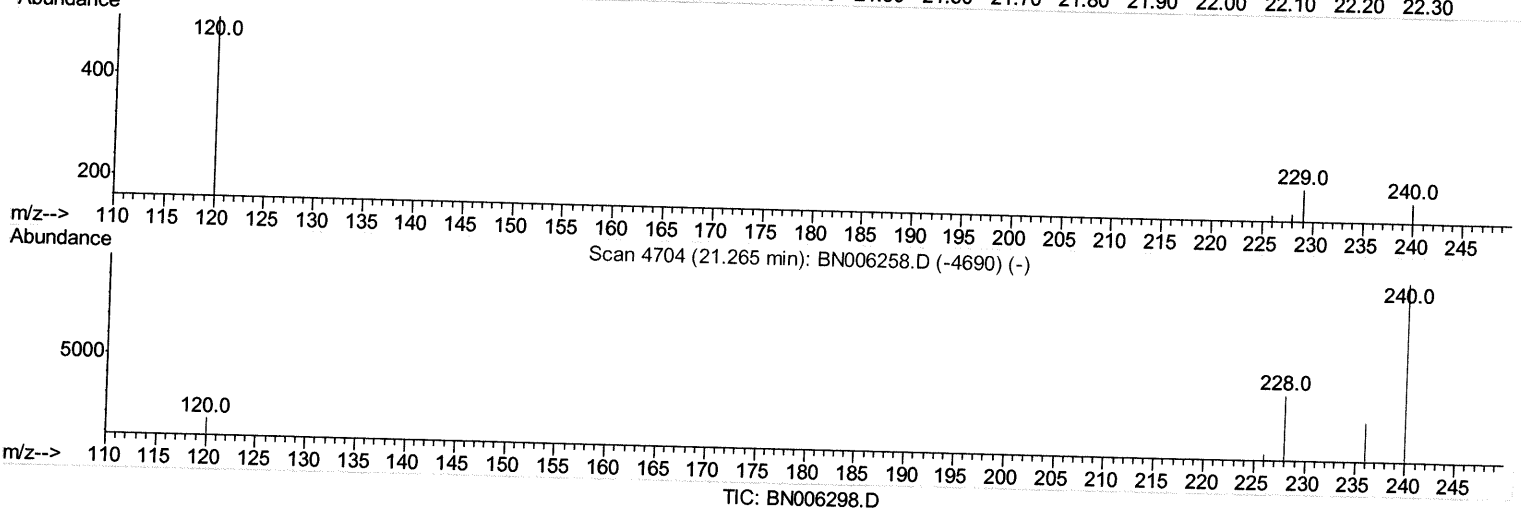
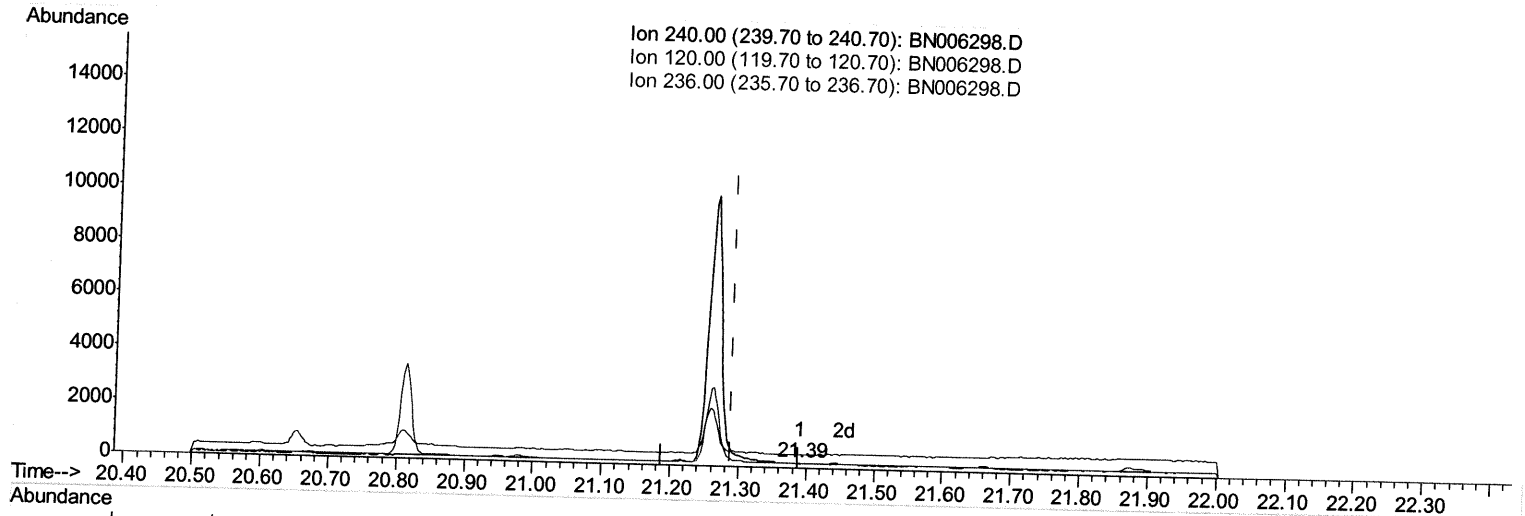
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:01:43 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.391min (+0.102) 0.40ng/ul

response 69

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	255.78#
236.00	30.10	80.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

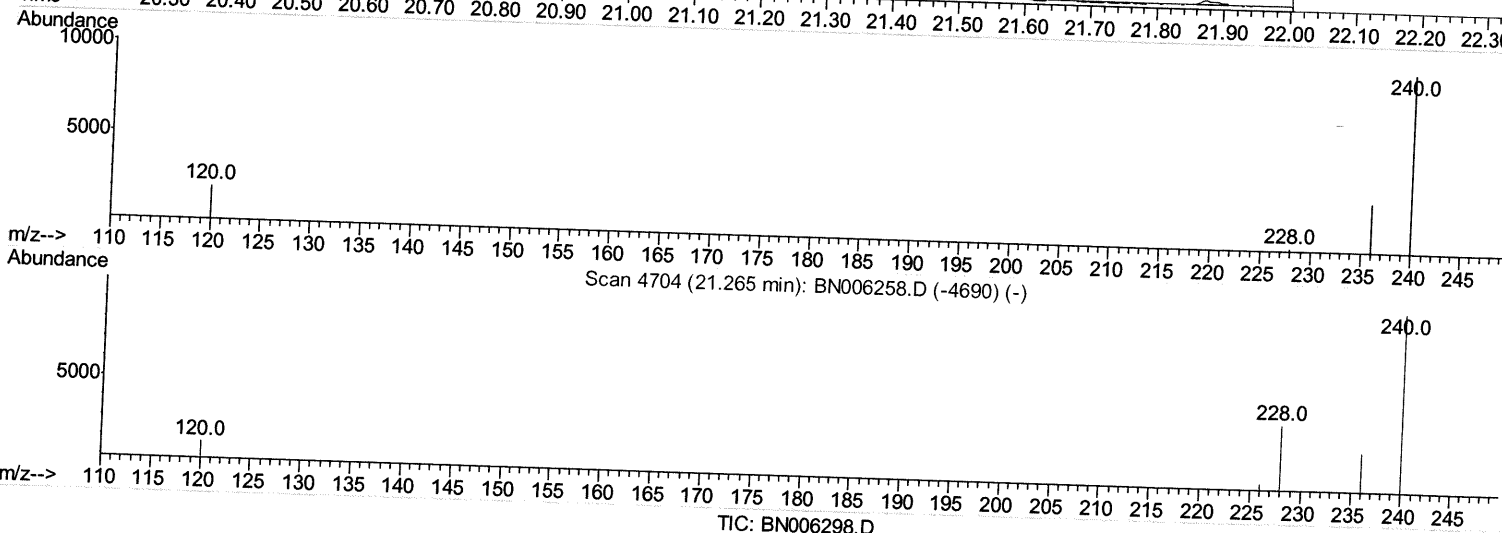
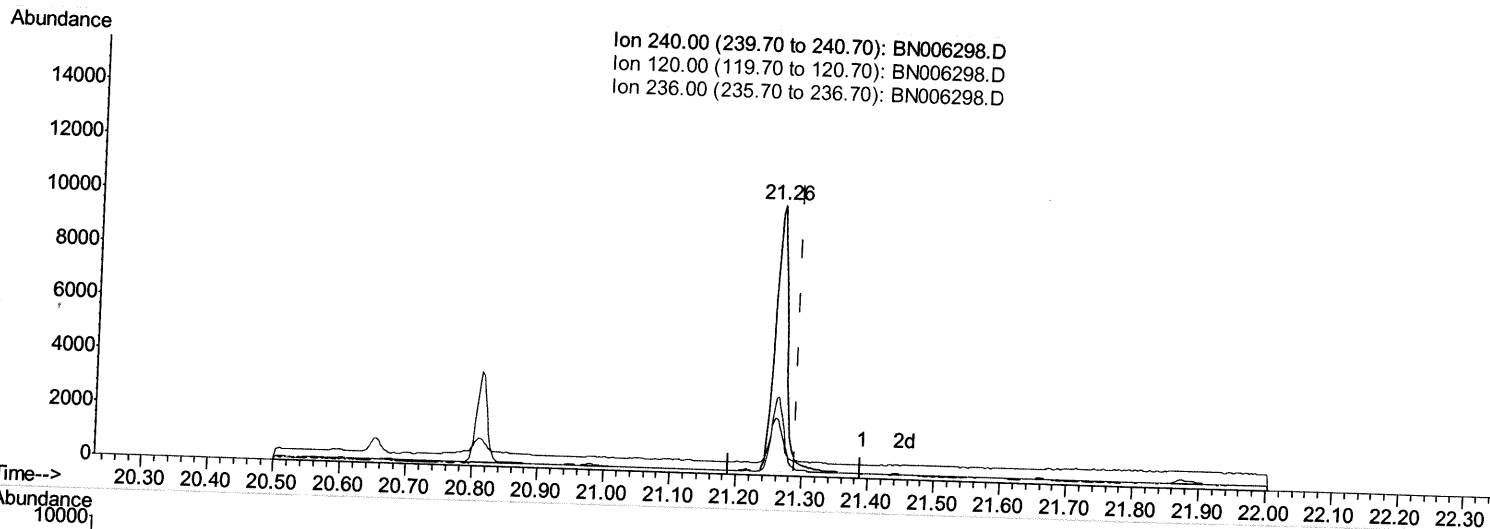
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:01:43 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.262min (-0.027) 0.40ng/ul m ^{JU} 06/13/19

response 13155

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	20.65
236.00	30.10	29.15
0.00	0.00	0.00

Quantitation Report (Qedit)

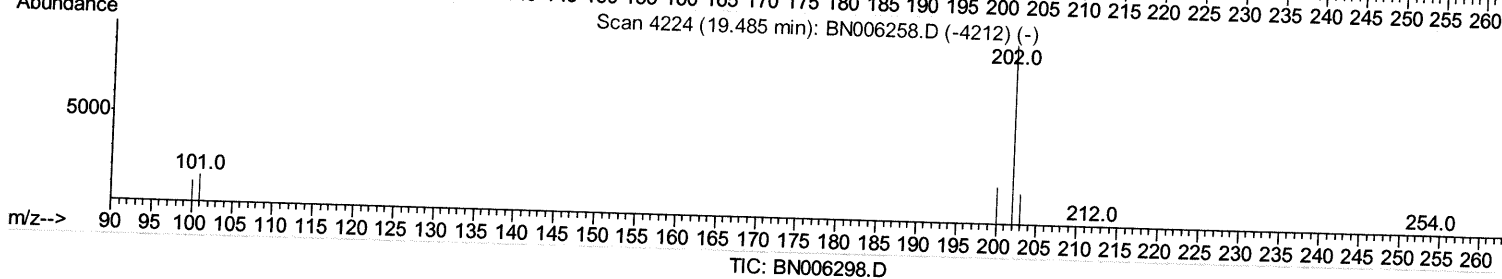
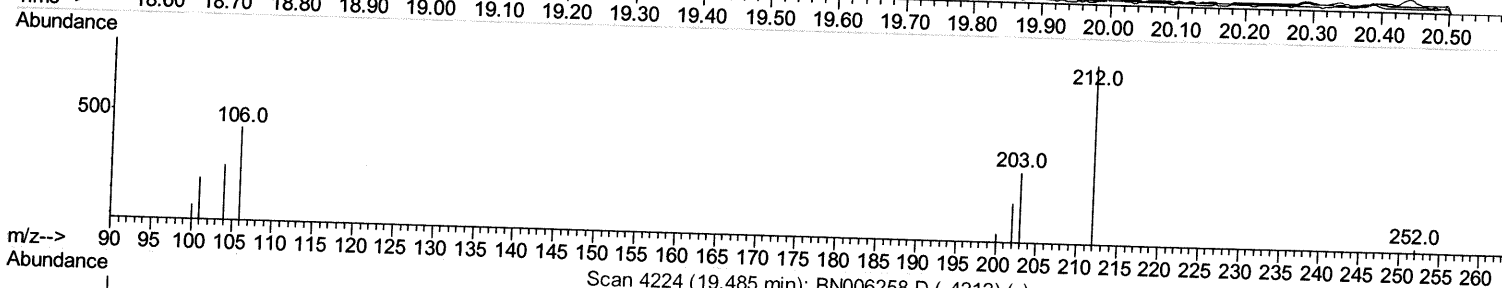
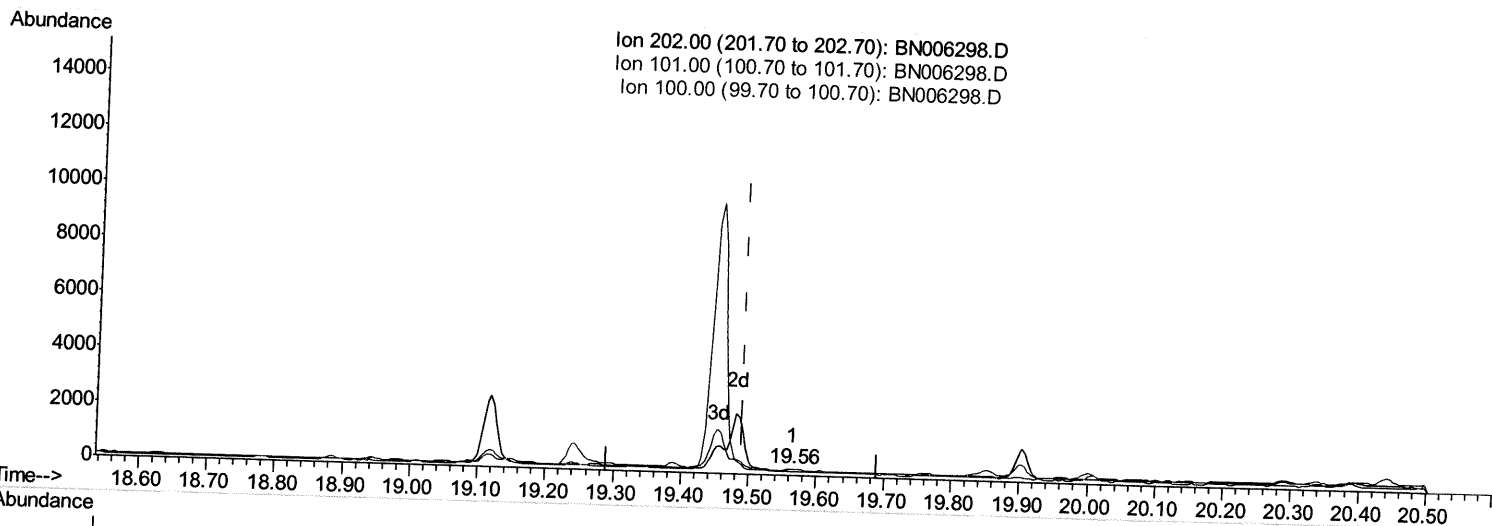
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:03:46 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(17) Pyrene

19.564min (+0.074) 0.00ng/ul

response 139

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	104.31#
100.00	12.20	60.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

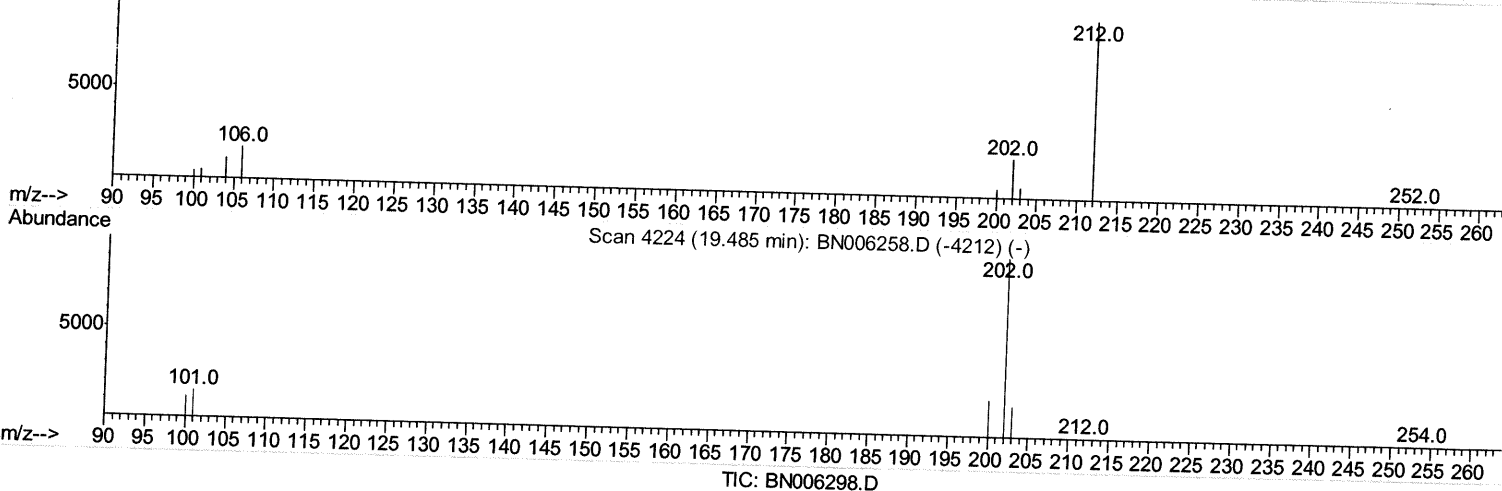
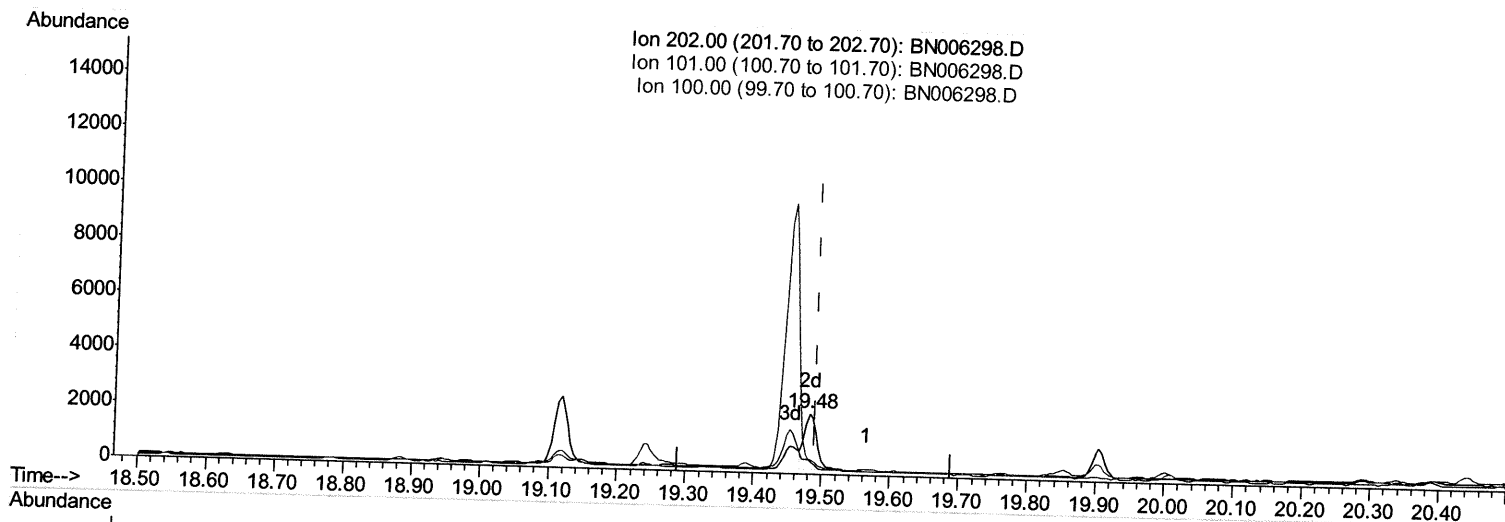
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:03:46 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



TIC: BN006298.D

(17) Pyrene

19.481min (-0.010) 0.04ng/ul m *JU* 06/13/19

response 2462

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	24.58#
100.00	12.20	22.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

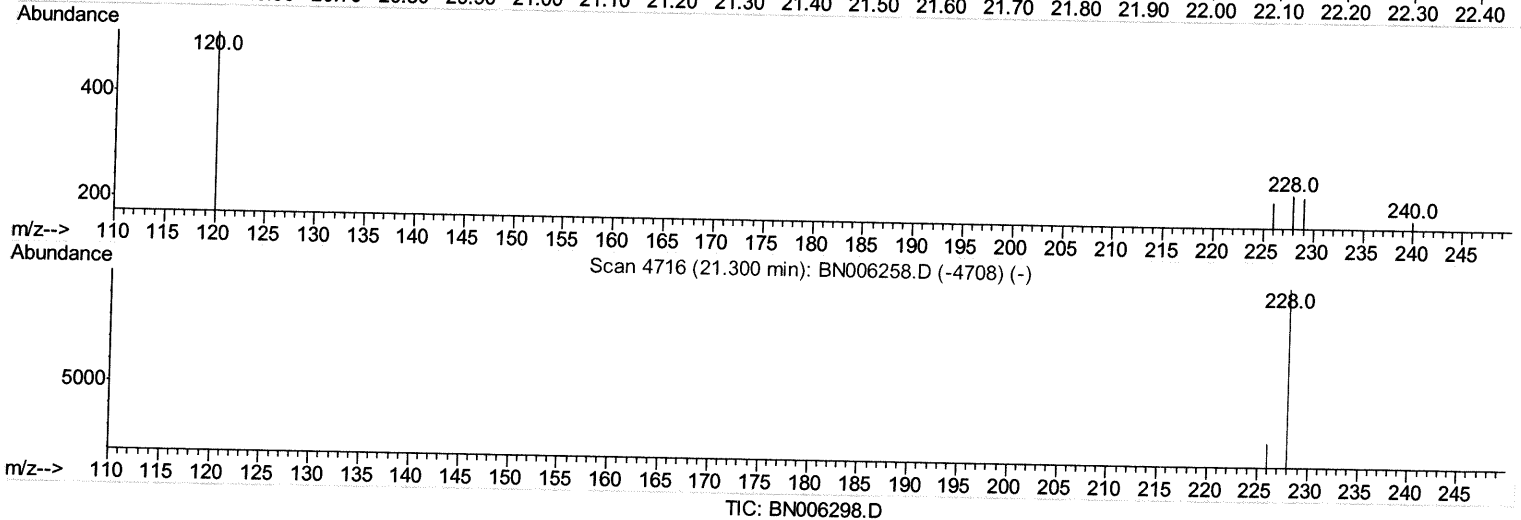
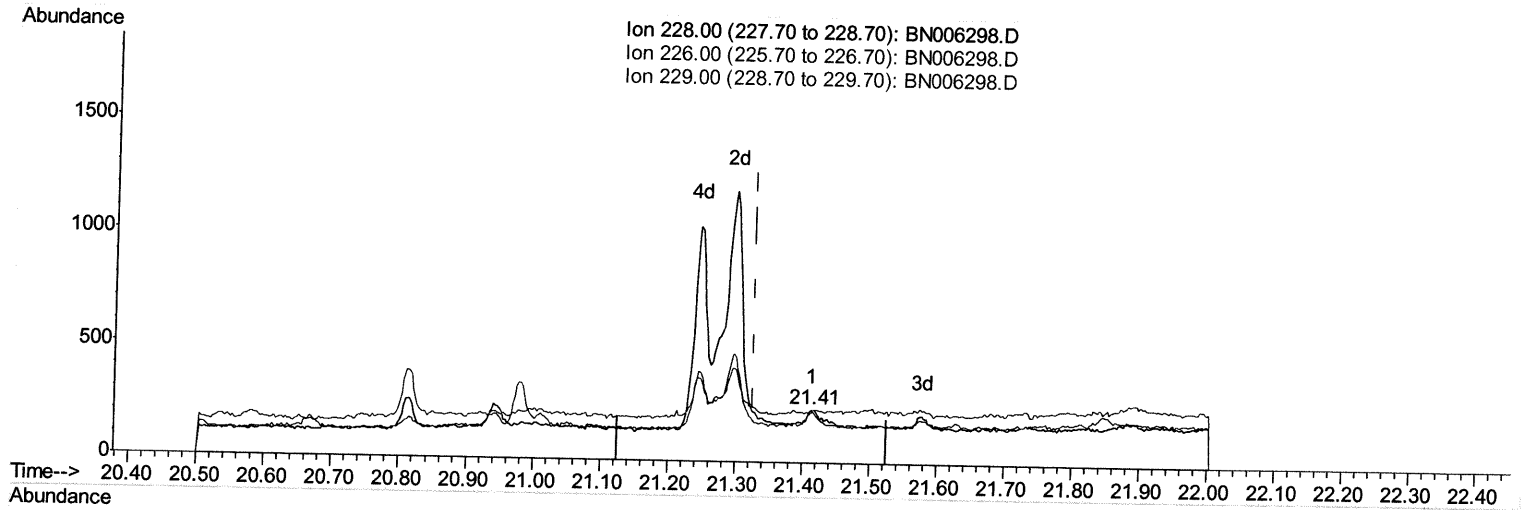
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:03:46 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(19) Chrysene

21.414min (+0.087) 0.00ng/ui

response 120

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	94.87#
229.00	20.40	98.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

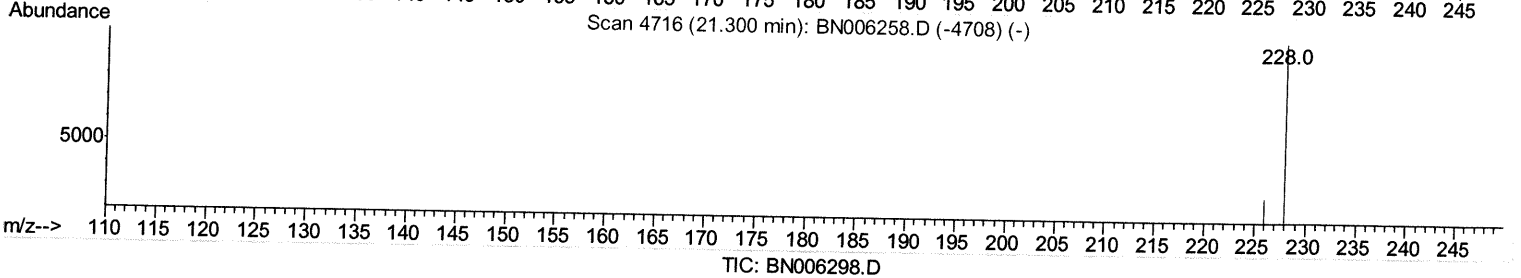
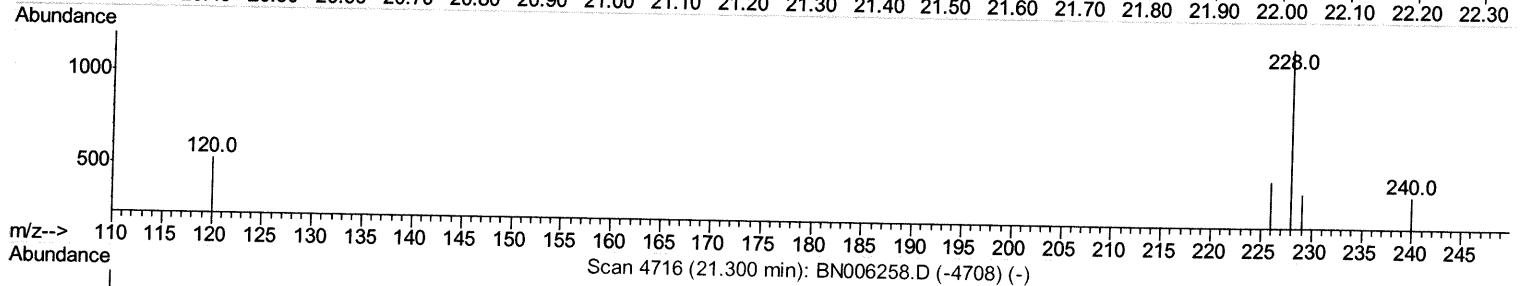
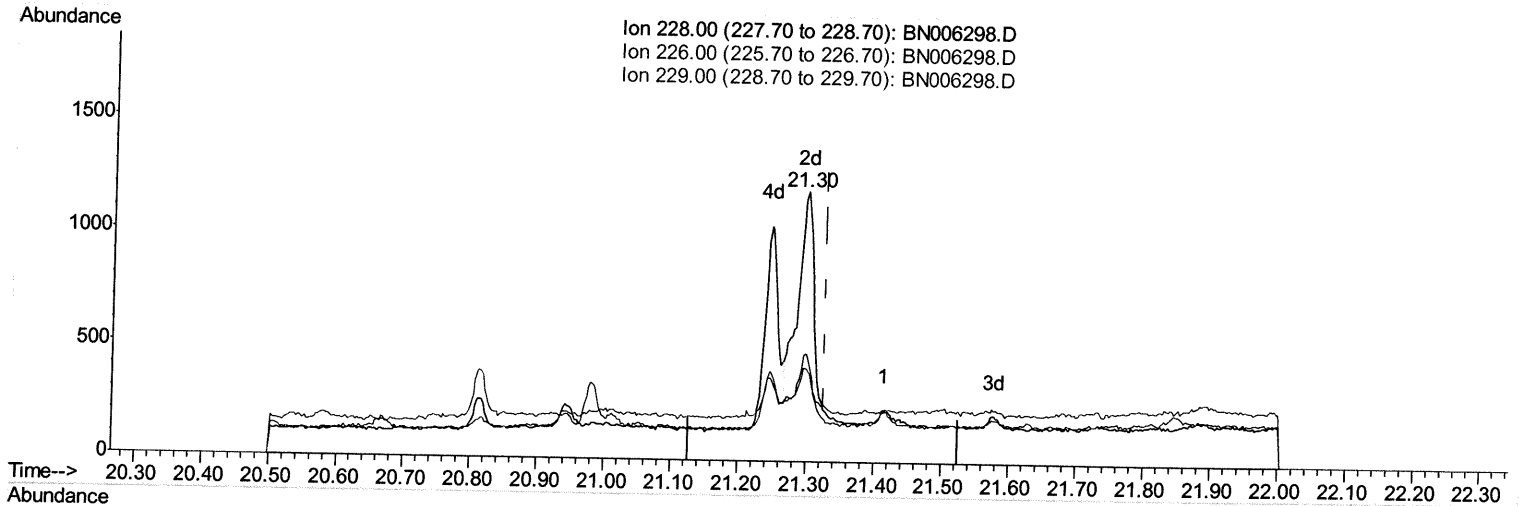
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:03:46 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(19) Chrysene

21.297min (-0.029) 0.03ng/ul m *JU 06/13/19*

response 1772

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	40.05#
229.00	20.40	34.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

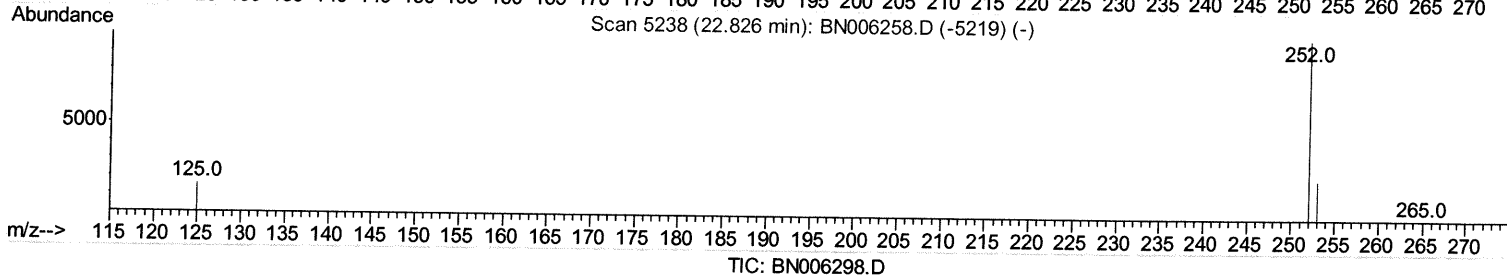
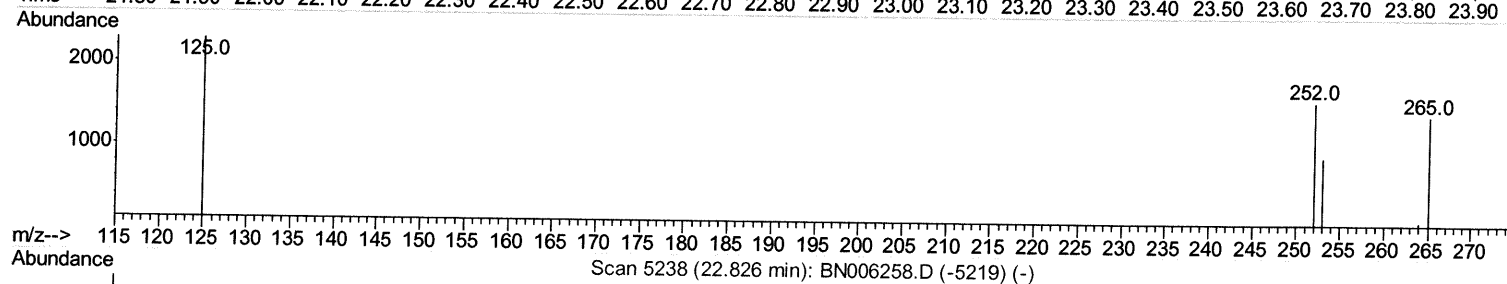
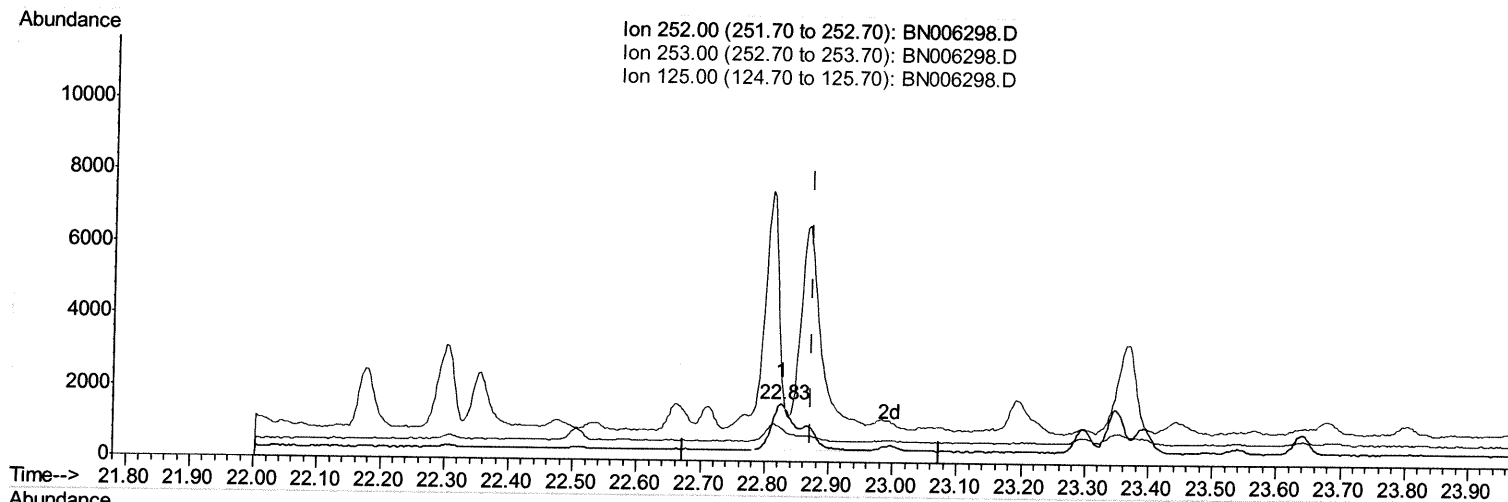
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006298.D
Acq On : 13 Jun 2019 01:23
Operator : JU/SJ
Sample : K3231-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB8M6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:03:46 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 : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.826min (-0.047) 0.05ng/ul

response 4179

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	58.37#
125.00	20.50	143.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

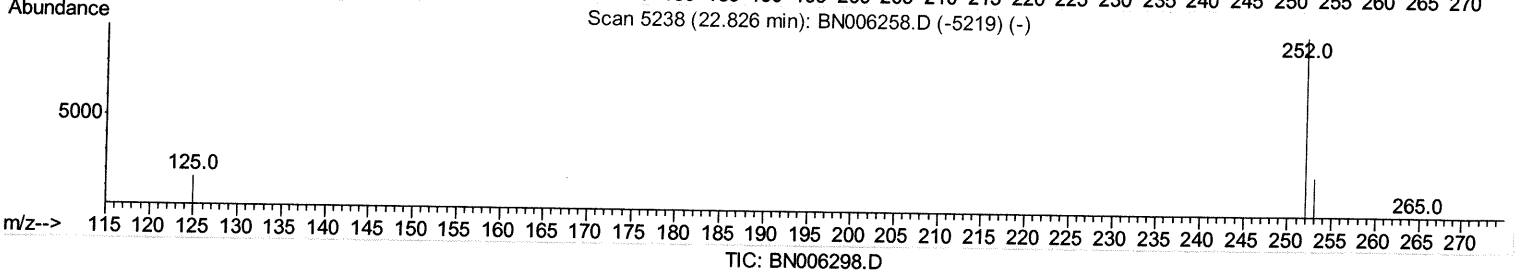
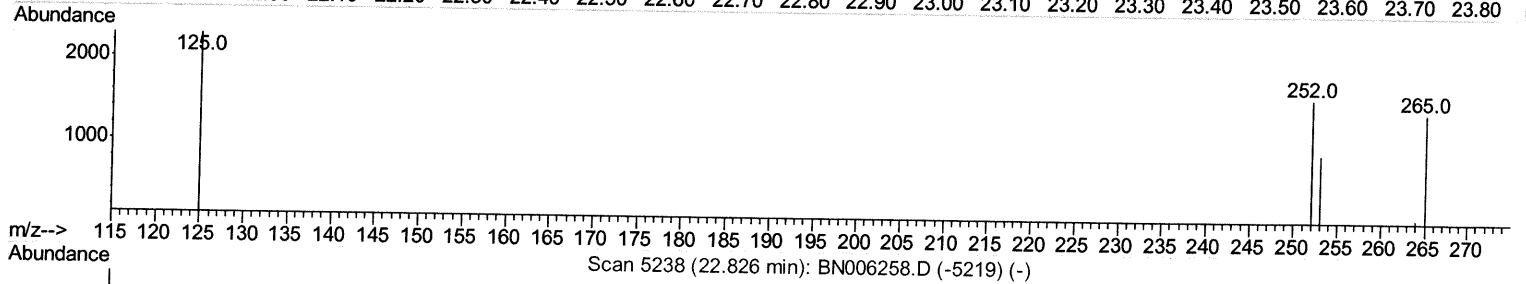
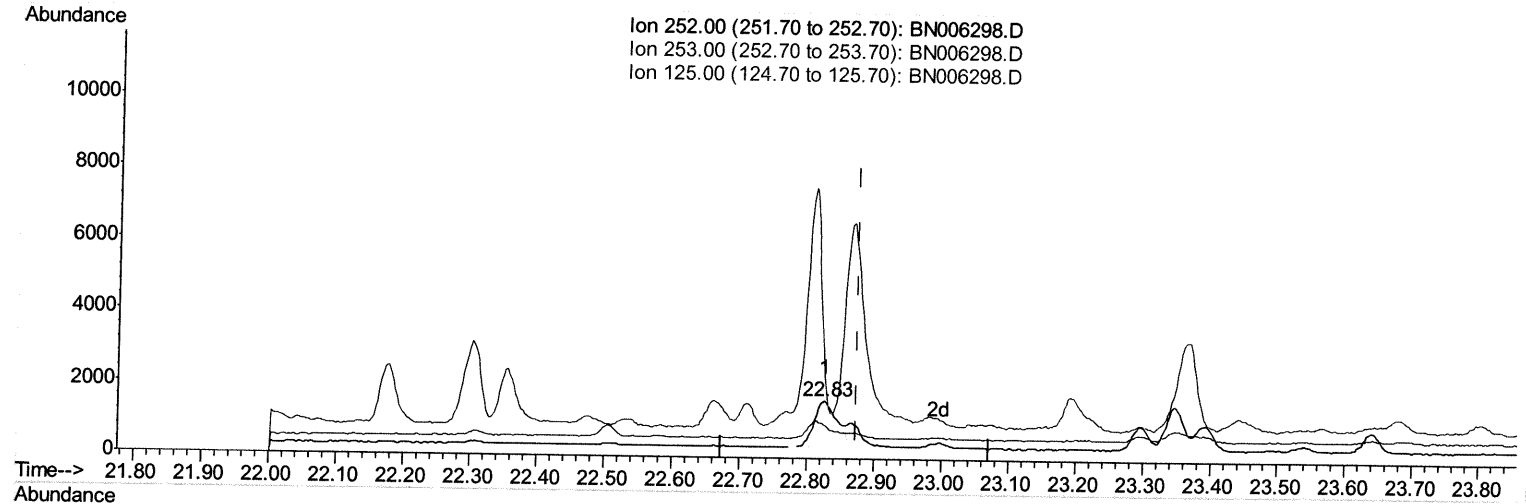
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:03:46 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.826min (-0.047) 0.04ng/ul m *JU* 06/13/19

response 3064

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	58.37#
125.00	20.50	143.13#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006298.D
 Acq On : 13 Jun 2019 01:23
 Operator : JU/SJ
 Sample : K3231-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8M6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:34:36 AM

Quant Time: Jun 13 04:05:49 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5227	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20697	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10500	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19271m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13155m>	0.40	ng/ul	-0.03
20) Perylene-d12	23.49	264	18626	0.40	ng/ul	-0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4738	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	8814m>	0.17	ng/ul	0.00
Target Compounds						
11) Pentachlorophenol	16.71	266	1204m>	0.246	ng/ul	Ovalue
12) Phenanthrene	17.09	178	1644m>	0.027	ng/ul	
15) Fluoranthene	19.12	202	3483m>	0.051	ng/ul	
17) Pyrene	19.48	202	2462m>	0.036	ng/ul	
19) Chrysene	21.30	228	1772m>	0.032	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	3064m>	0.039	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 JV 06/13/19