

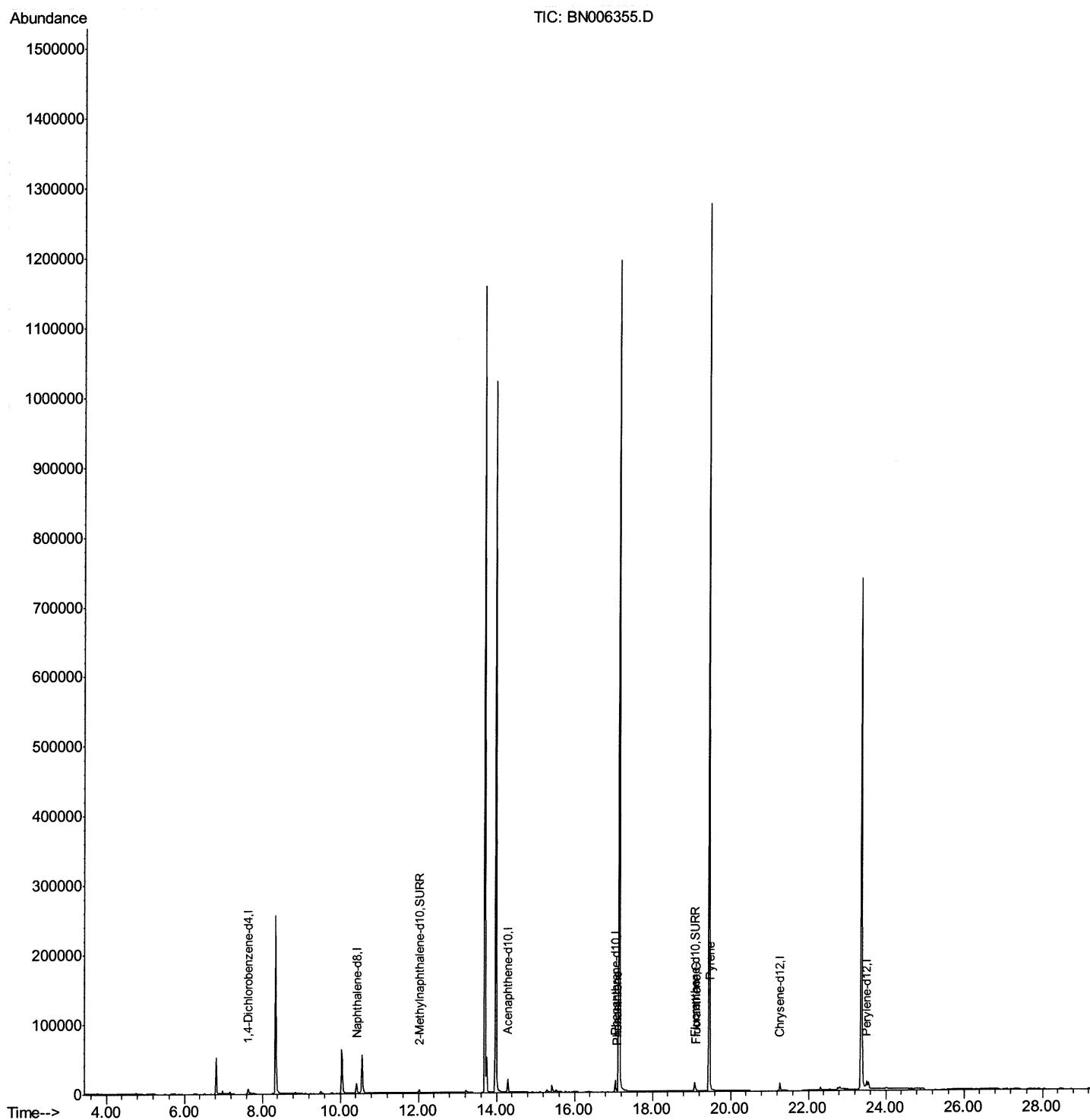
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006355.D
Acq On : 17 Jun 2019 19:17
Operator : JU/SJ
Sample : K3332-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W3

Manual Integrations
APPROVED

mohammad
6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:41:08 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

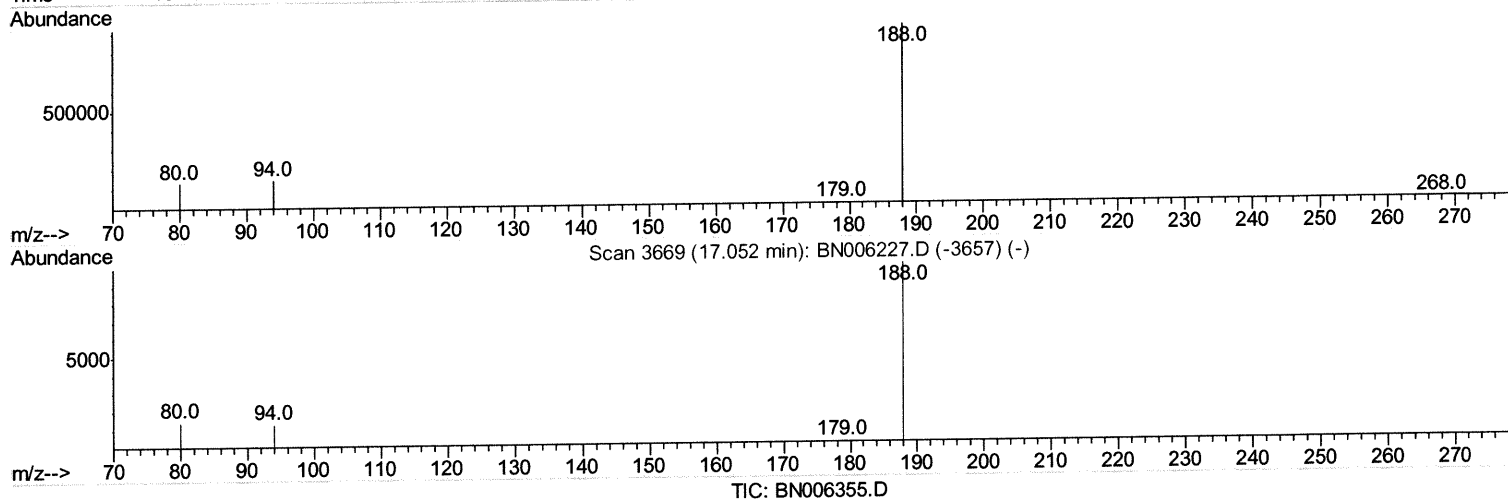
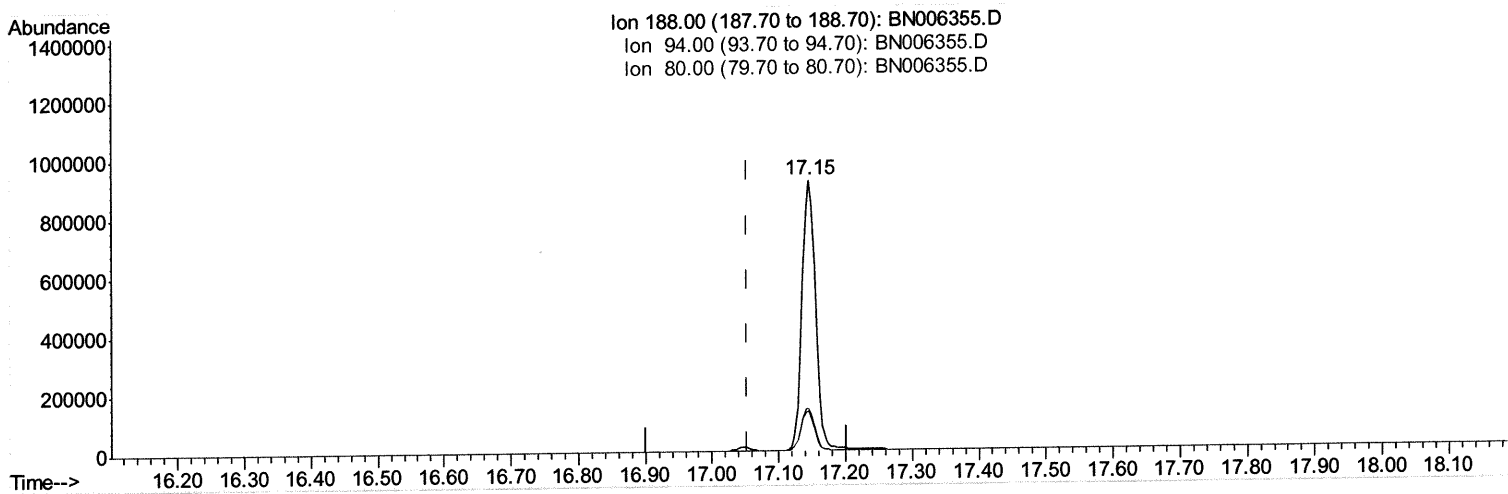
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006355.D
 Acq On : 17 Jun 2019 19:17
 Operator : JU/SJ
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Instrument :
 BNA_N
 ClientSampleId :
 A41W3

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:26 AM

Quant Time: Jun 18 01:51:53 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.145min (+0.093) 0.40ng/ul

response 1287556

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.64#
80.00	13.60	14.35
0.00	0.00	0.00

Quantitation Report (Qedit)

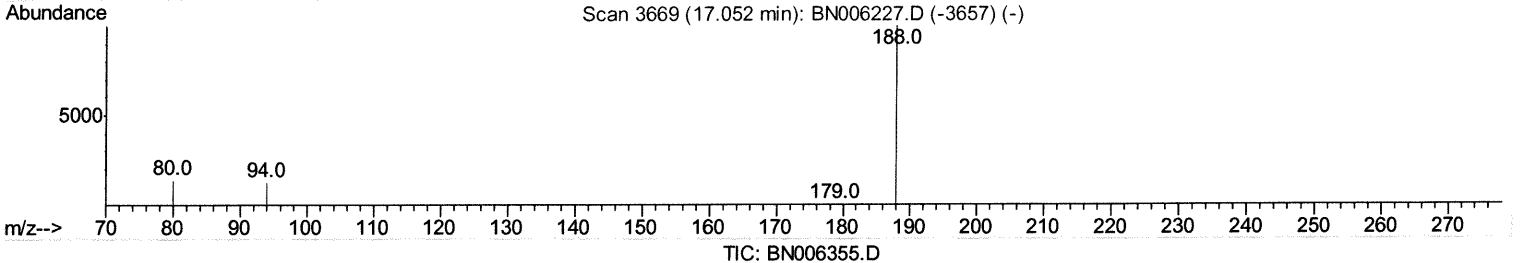
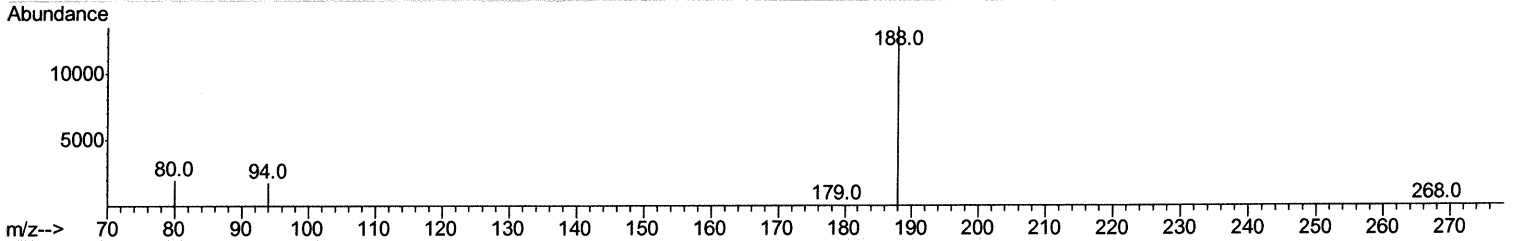
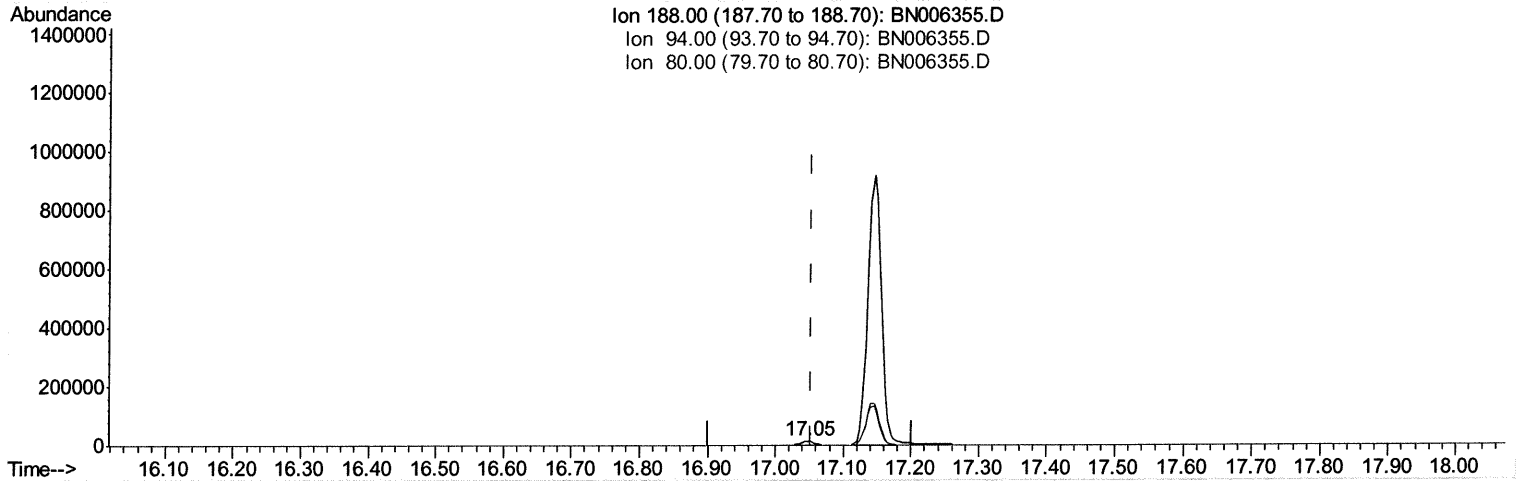
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006355.D
 Acq On : 17 Jun 2019 19:17
 Operator : JU/SJ
 Sample : K3332-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W3

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:26 AM

Quant Time: Jun 18 01:51:53 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



TIC: BN006355.D

(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m *JU* 06/18/19

response 18779

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.02
80.00	13.60	14.61
0.00	0.00	0.00

Quantitation Report (Qedit)

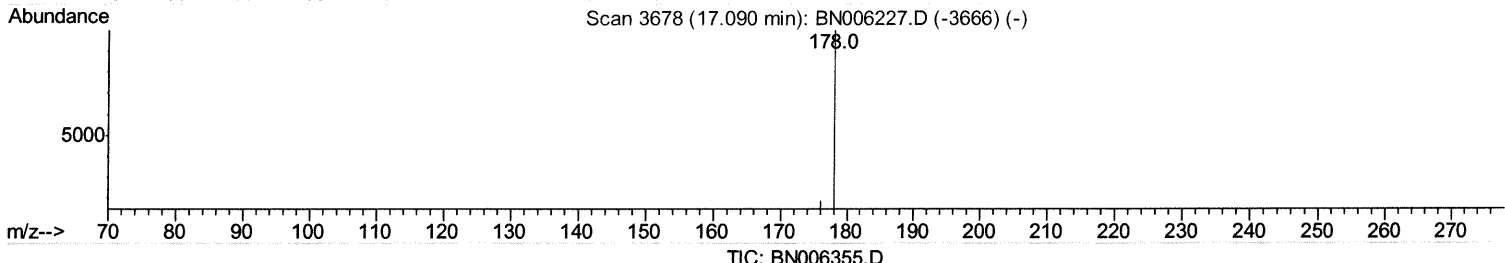
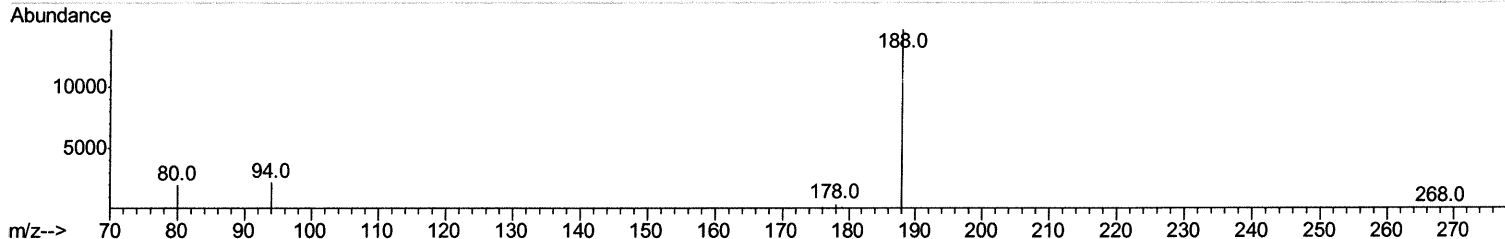
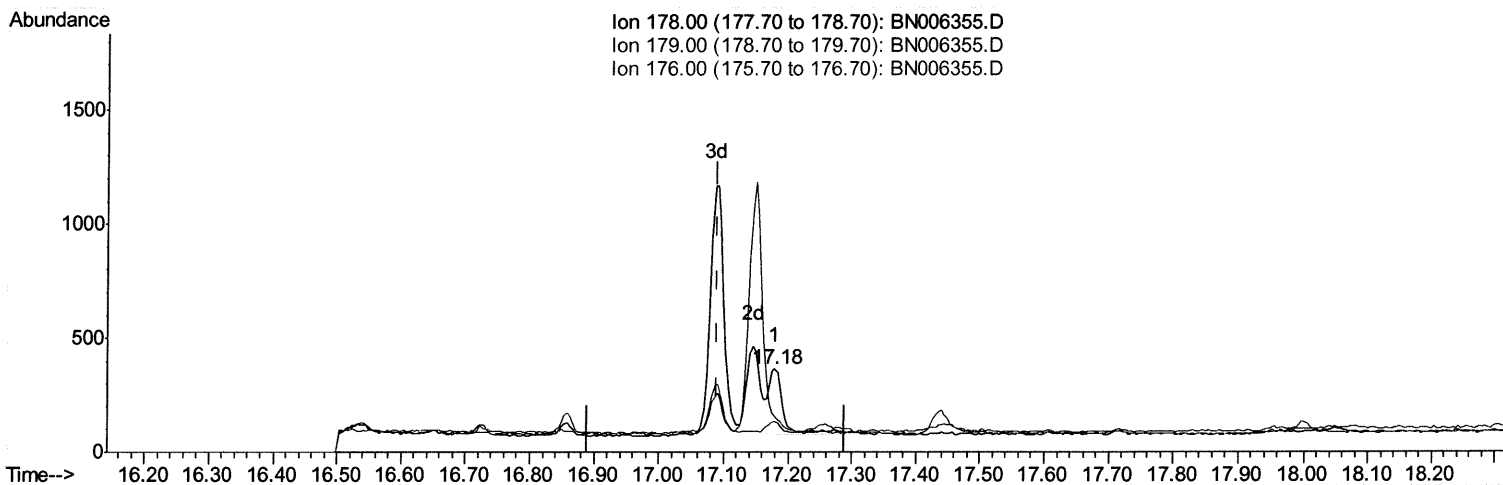
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006355.D
 Acq On : 17 Jun 2019 19:17
 Operator : JU/SJ
 Sample : K3332-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:37:26 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



TIC: BN006355.D

(12) Phenanthrene

17.179min (+0.089) 0.01ng/ul

response 462

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	44.23#
176.00	19.10	37.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006355.D
 Acq On : 17 Jun 2019 19:17
 Operator : JU/SJ
 Sample : K3332-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

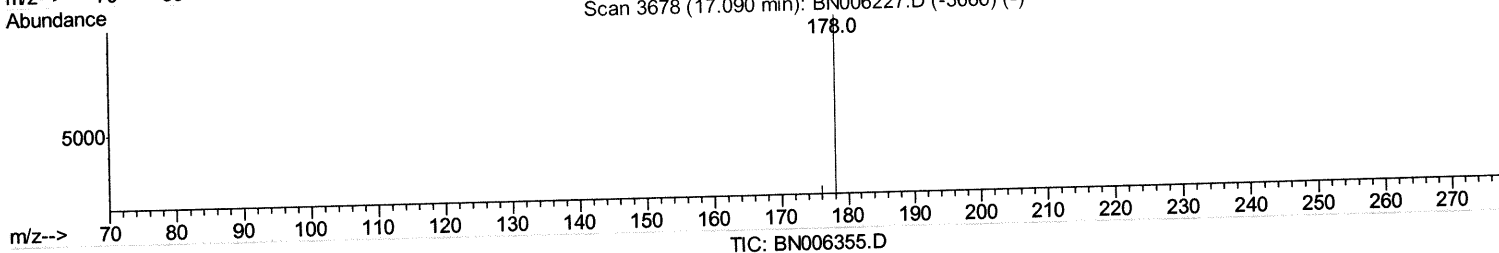
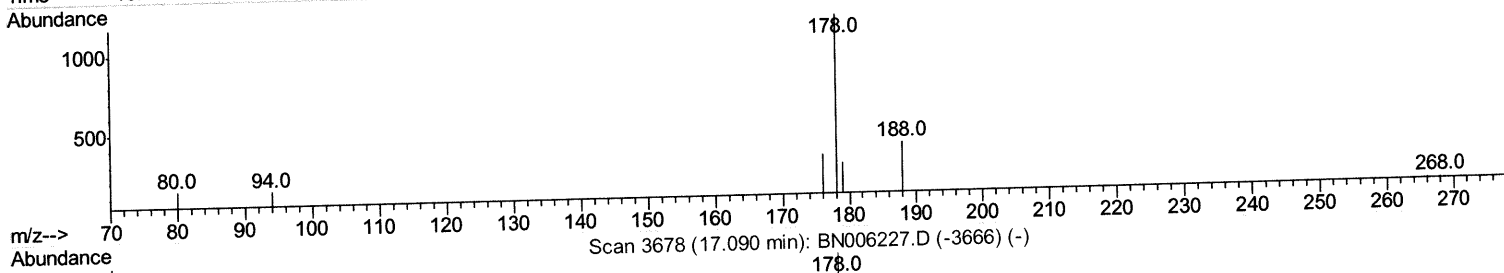
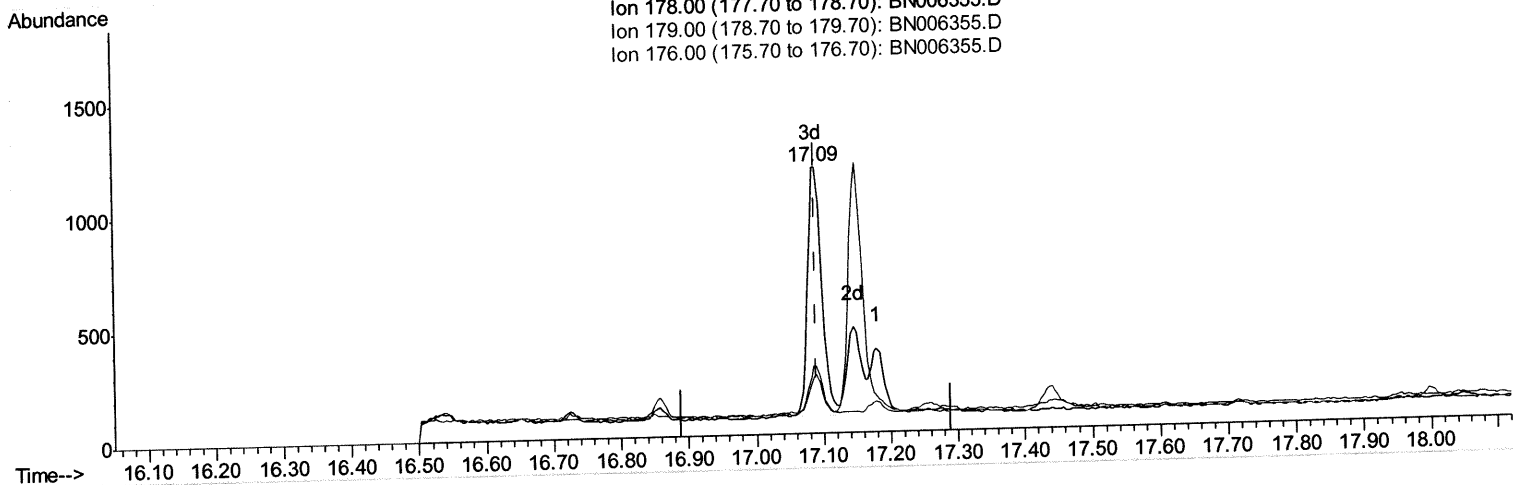
Instrument :
 BNA_N
 ClientSampleId :
 A41W3

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:37:26 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Ion 178.00 (177.70 to 178.70): BN006355.D
 Ion 179.00 (178.70 to 179.70): BN006355.D
 Ion 176.00 (175.70 to 176.70): BN006355.D



(12) Phenanthrene

17.086min (-0.004) 0.03ng/ul m ^{JU} 06/18/19

response 1591

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	20.60#
176.00	19.10	25.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

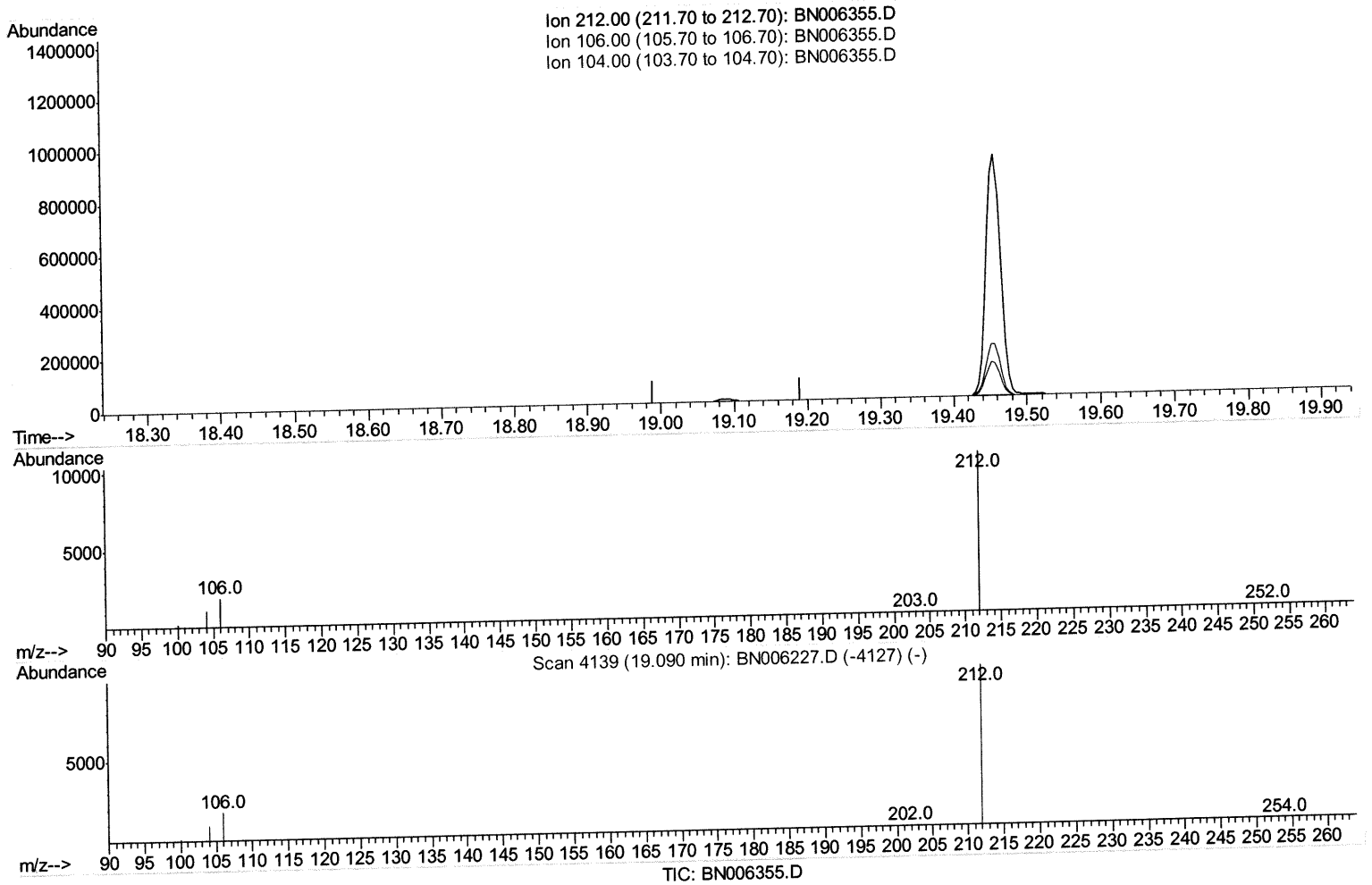
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006355.D
Acq On : 17 Jun 2019 19:17
Operator : JU/SJ
Sample : K3332-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W3

Manual Integrations
APPROVED

mohammad
6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:38:04 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 : Mon Jun 17 11:13:07 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)

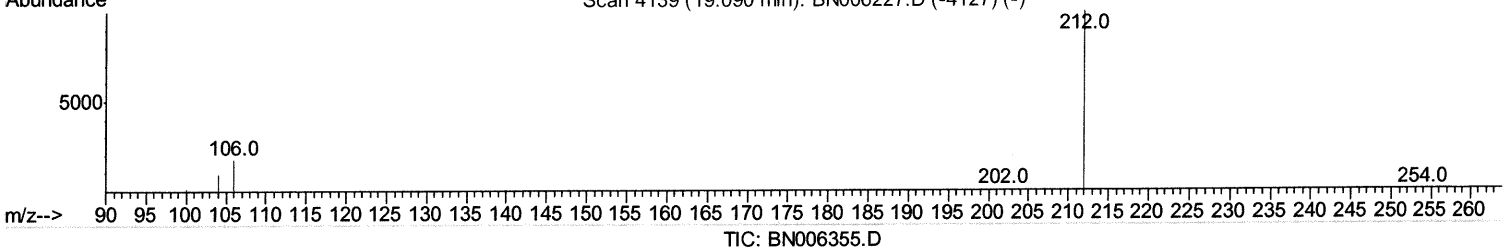
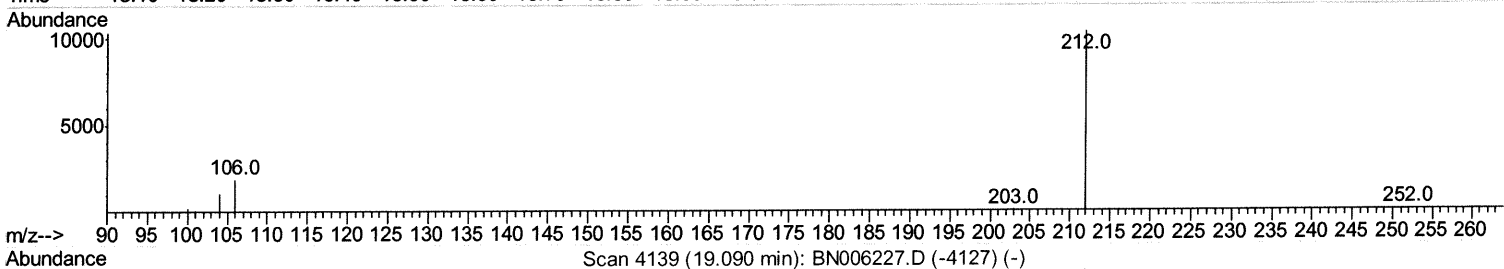
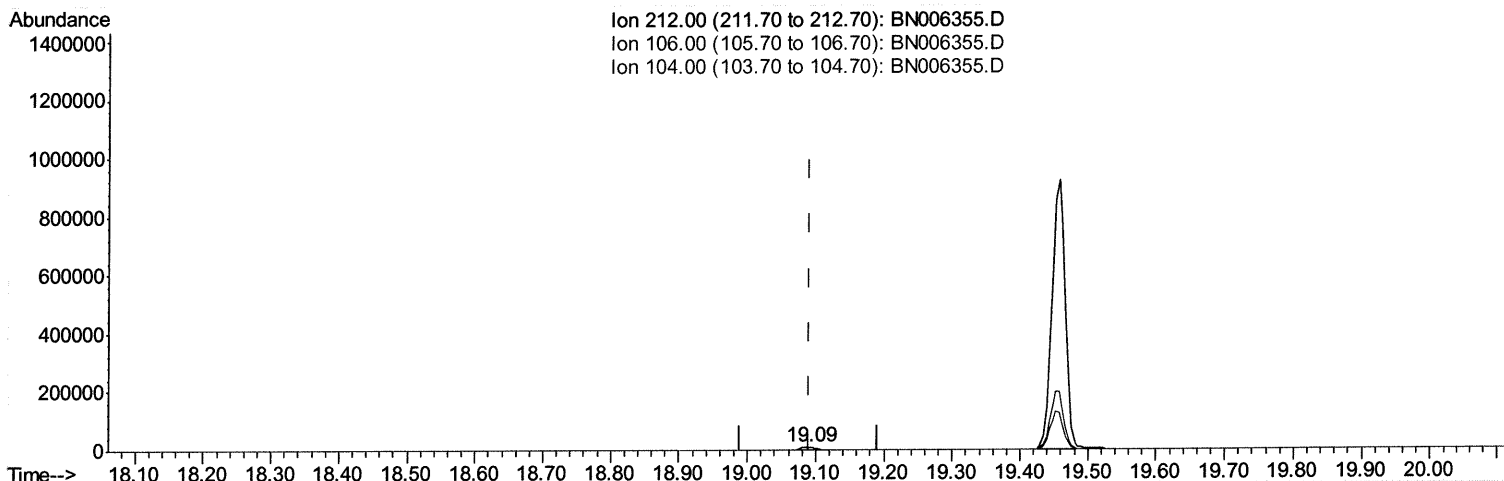
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006355.D
 Acq On : 17 Jun 2019 19:17
 Operator : JU/SJ
 Sample : K3332-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W3

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:38:04 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURRE)

19.090min (-0.000) 0.28ng/ul m

JU
 06/18/19

response 14204

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)

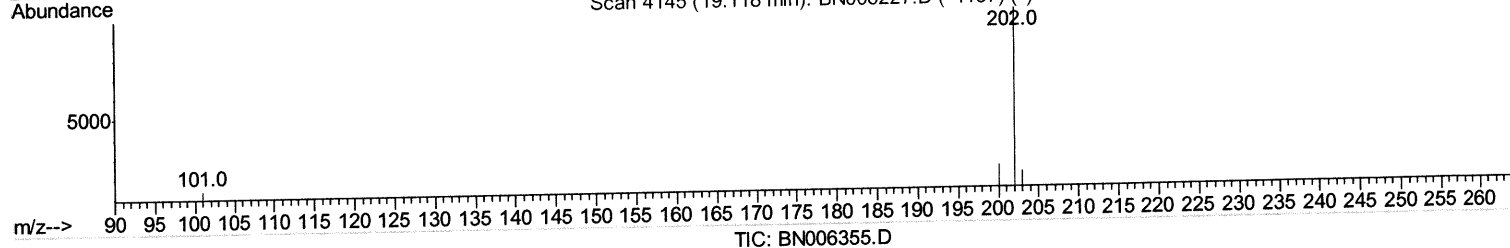
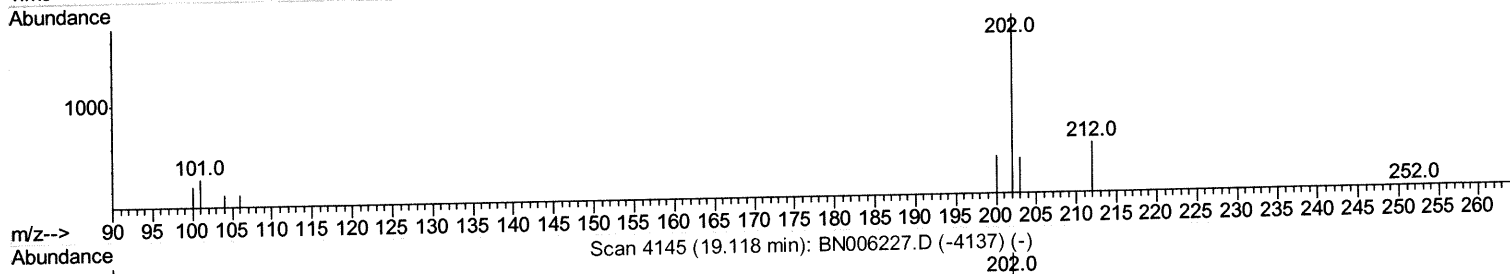
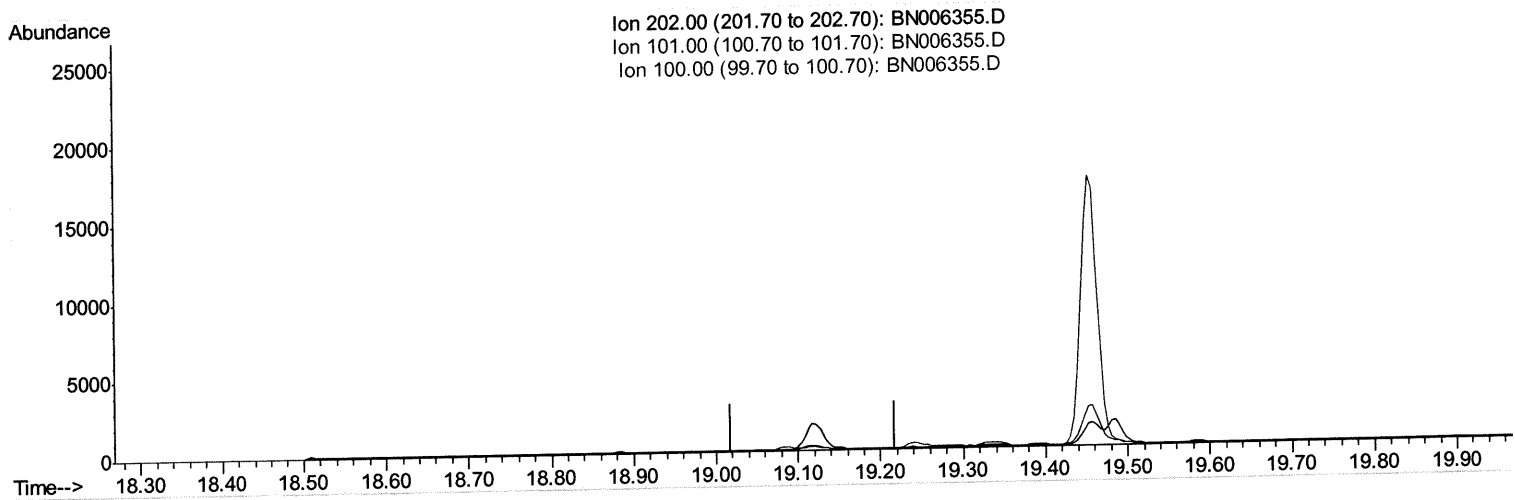
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006355.D
 Acq On : 17 Jun 2019 19:17
 Operator : JU/SJ
 Sample : K3332-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W3

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:38:04 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.118min (-19.118) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

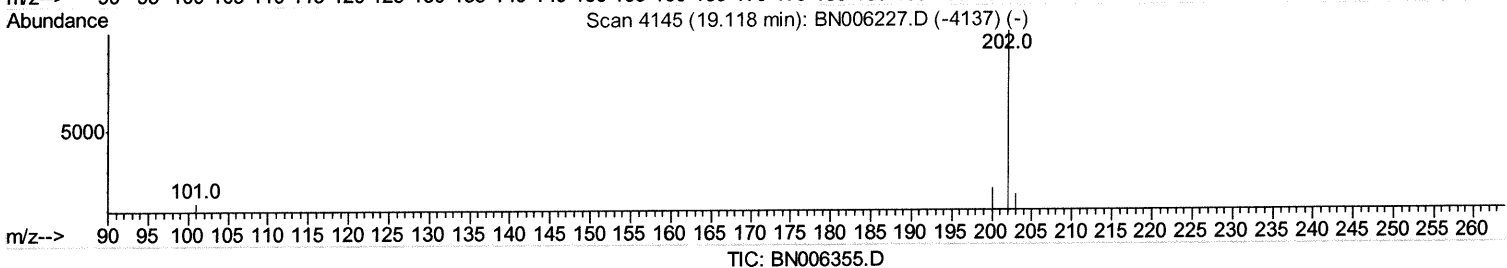
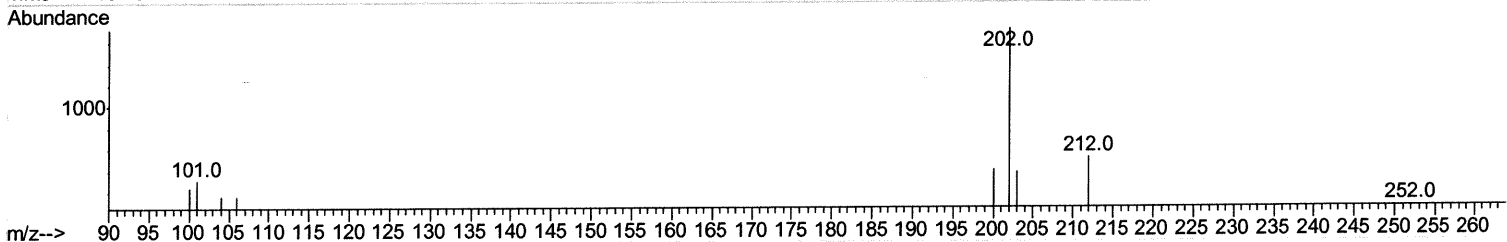
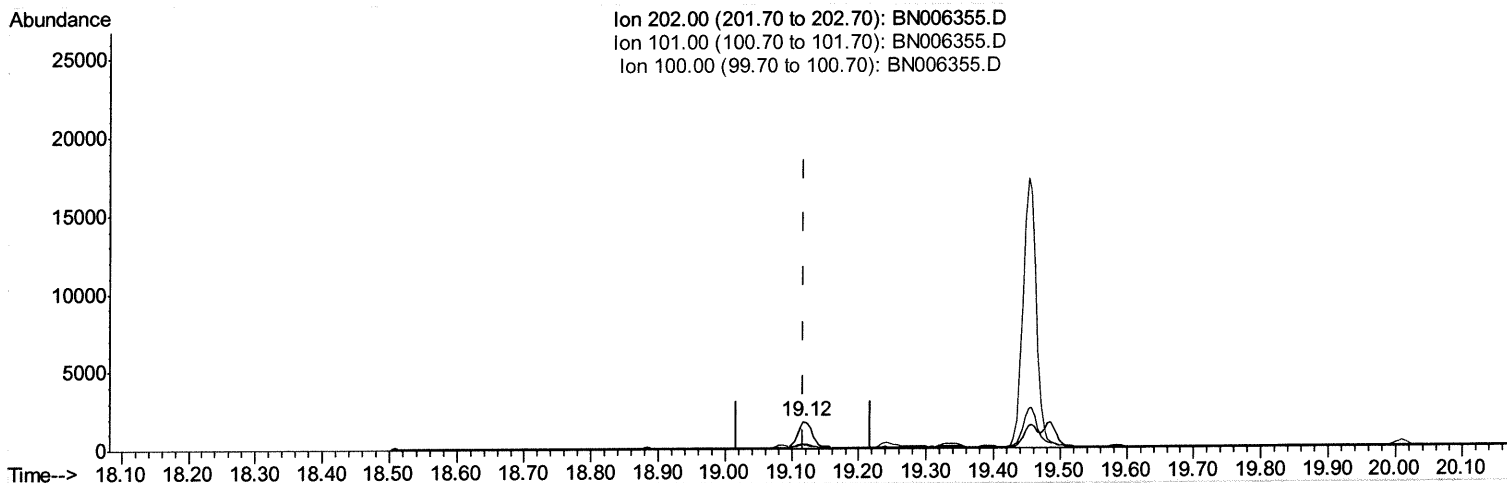
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006355.D
 Acq On : 17 Jun 2019 19:17
 Operator : JU/SJ
 Sample : K3332-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W3

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:38:04 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.118min (-0.000) 0.04ng/ul m *JU* 06/18/19

response 2419

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	18.37
100.00	8.70	14.31
0.00	0.00	0.00

Quantitation Report (Qedit)

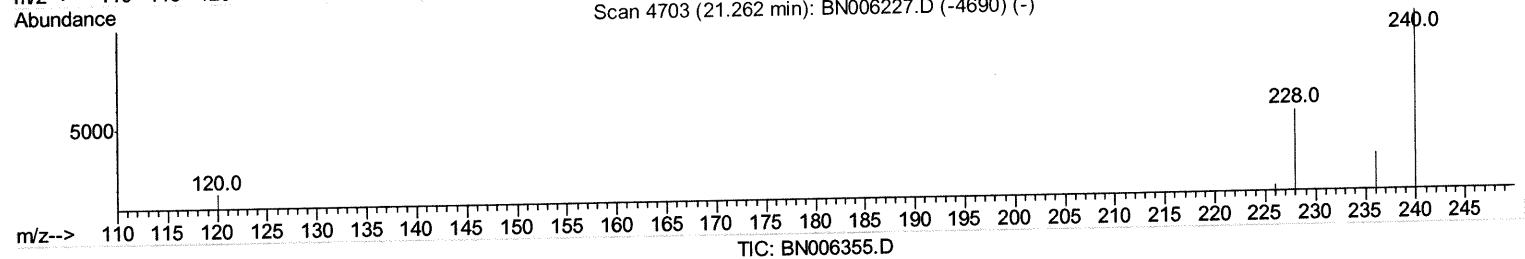
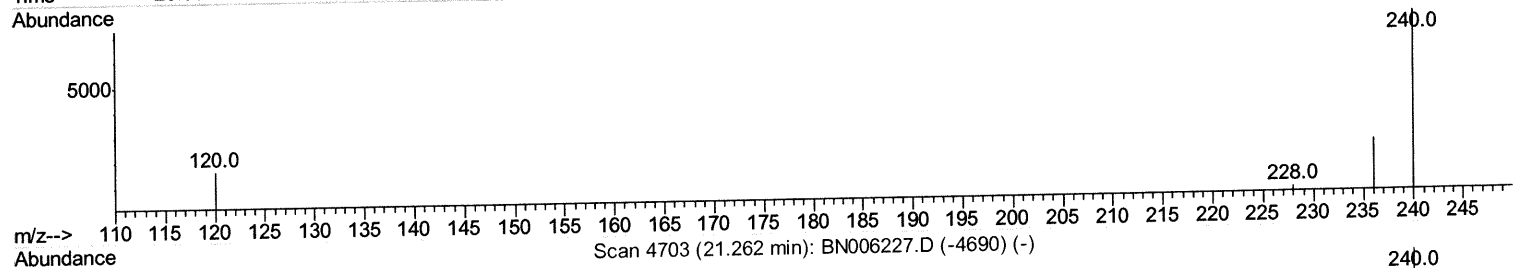
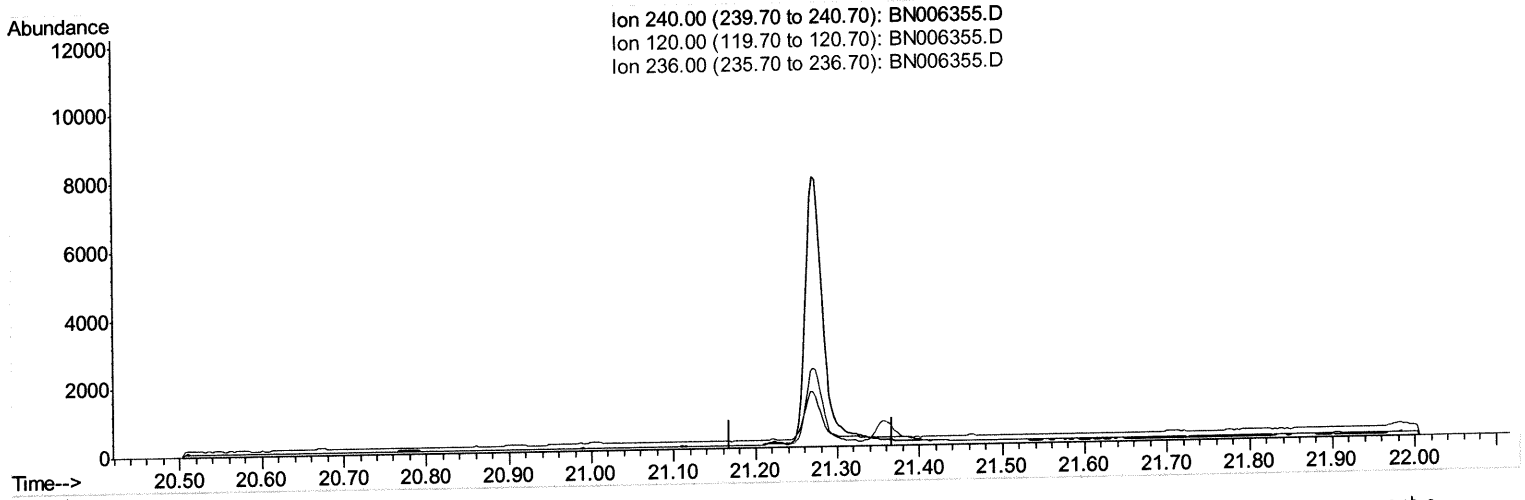
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006355.D
Acq On : 17 Jun 2019 19:17
Operator : JU/SJ
Sample : K3332-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W3

Manual Integrations
APPROVED

mohammad
6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:38:04 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.268min (-21.268) 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\BN061719\
 Data File : BN006355.D
 Acq On : 17 Jun 2019 19:17
 Operator : JU/SJ
 Sample : K3332-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

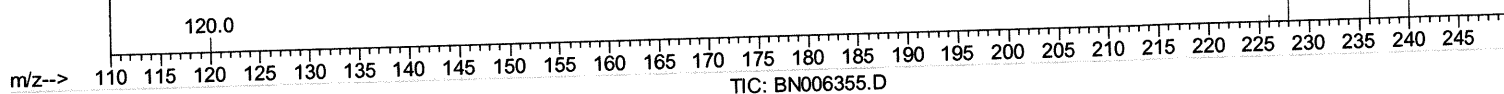
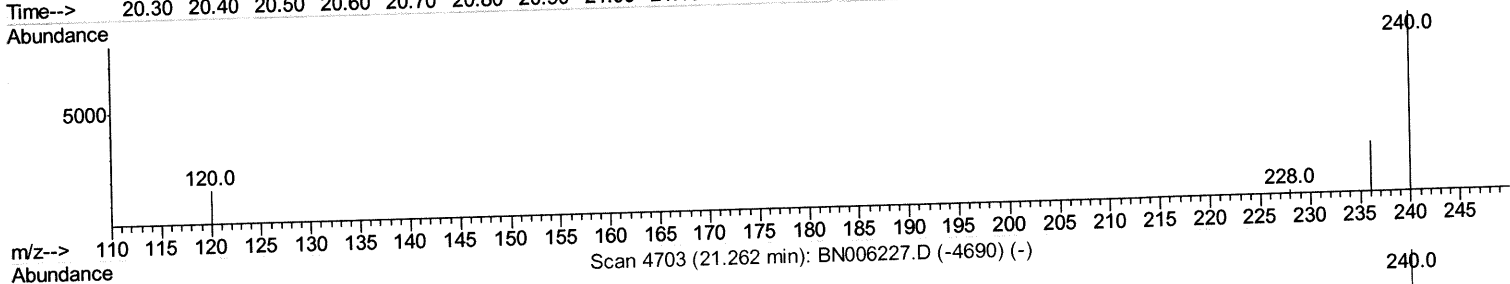
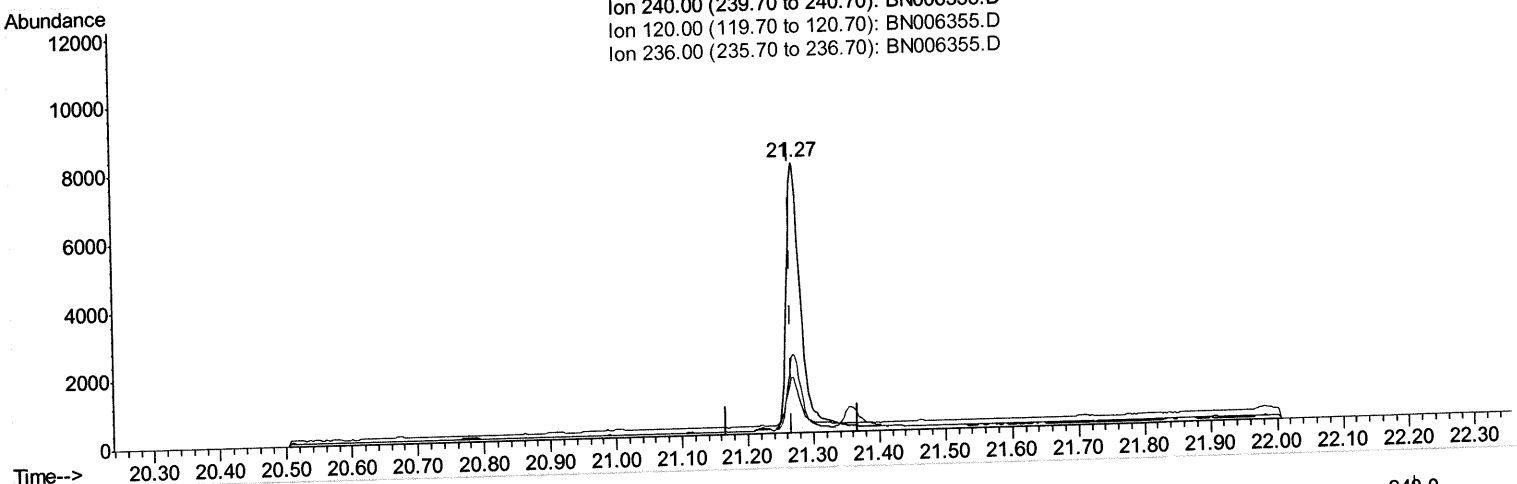
Instrument :
 BNA_N
 ClientSampled :
 A41W3

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:38:04 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Ion 240.00 (239.70 to 240.70): BN006355.D
 Ion 120.00 (119.70 to 120.70): BN006355.D
 Ion 236.00 (235.70 to 236.70): BN006355.D



(16) Chrysene-d12 (I)

21.270min (+0.002) 0.40ng/ul m ^{JU} 06/18/19

response 11787

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	20.25
236.00	30.10	29.24
0.00	0.00	0.00

Quantitation Report (Qedit)

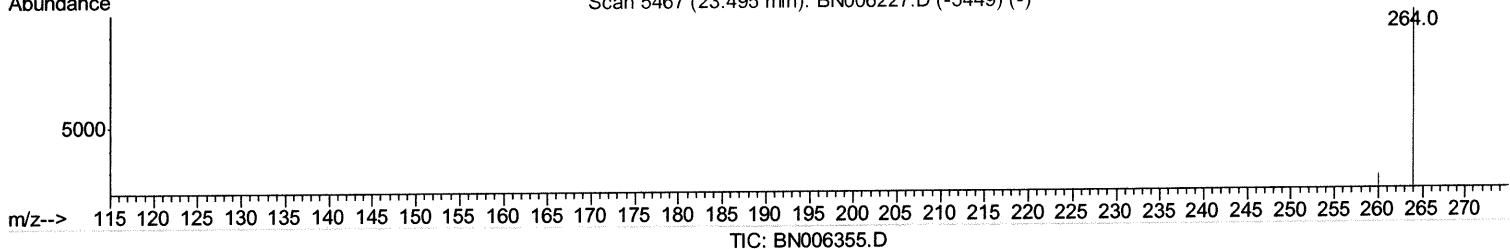
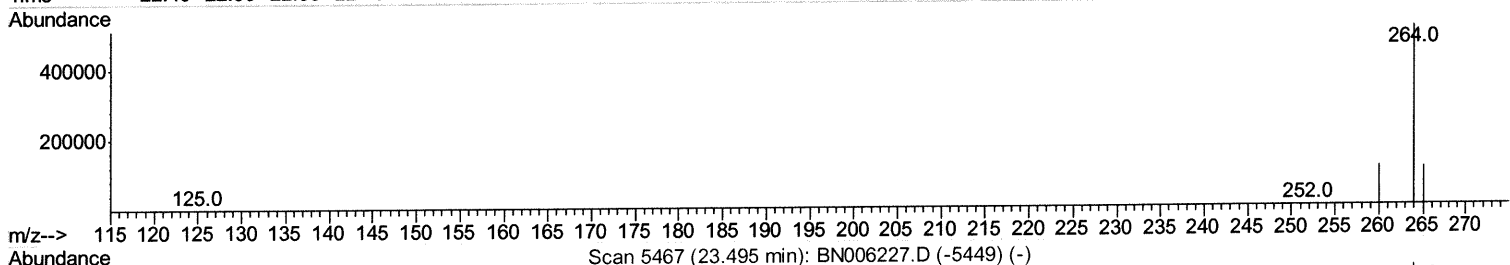
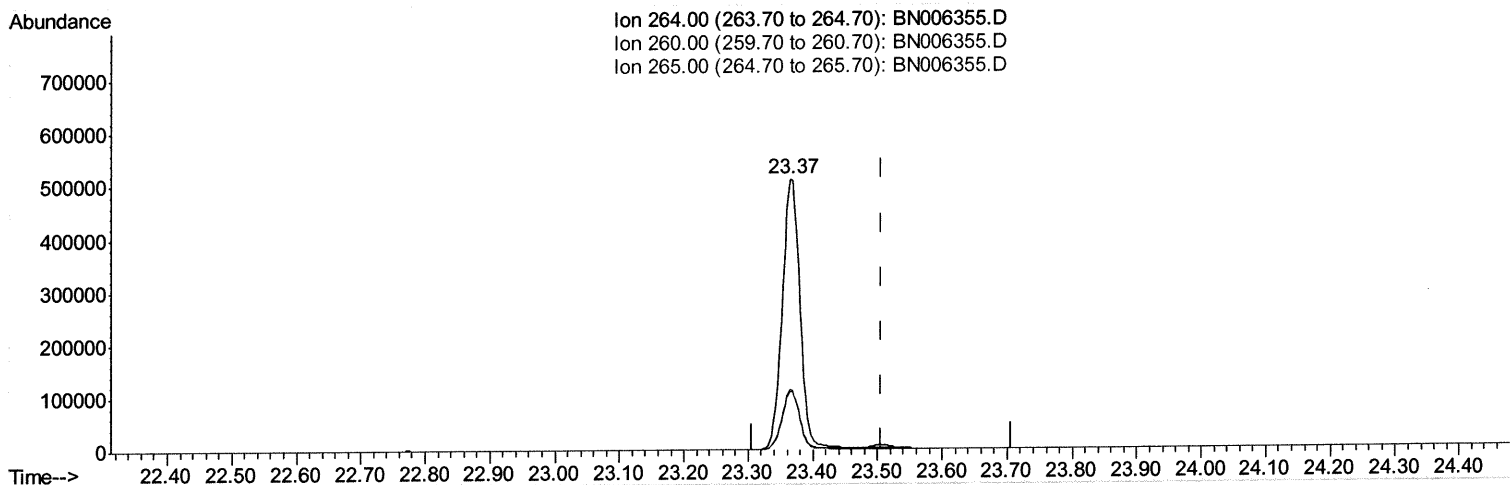
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006355.D
 Acq On : 17 Jun 2019 19:17
 Operator : JU/SJ
 Sample : K3332-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W3

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:39:35 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.365min (-0.142) 0.40ng/ul

response 975532

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.06#
265.00	44.70	21.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006355.D
 Acq On : 17 Jun 2019 19:17
 Operator : JU/SJ
 Sample : K3332-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

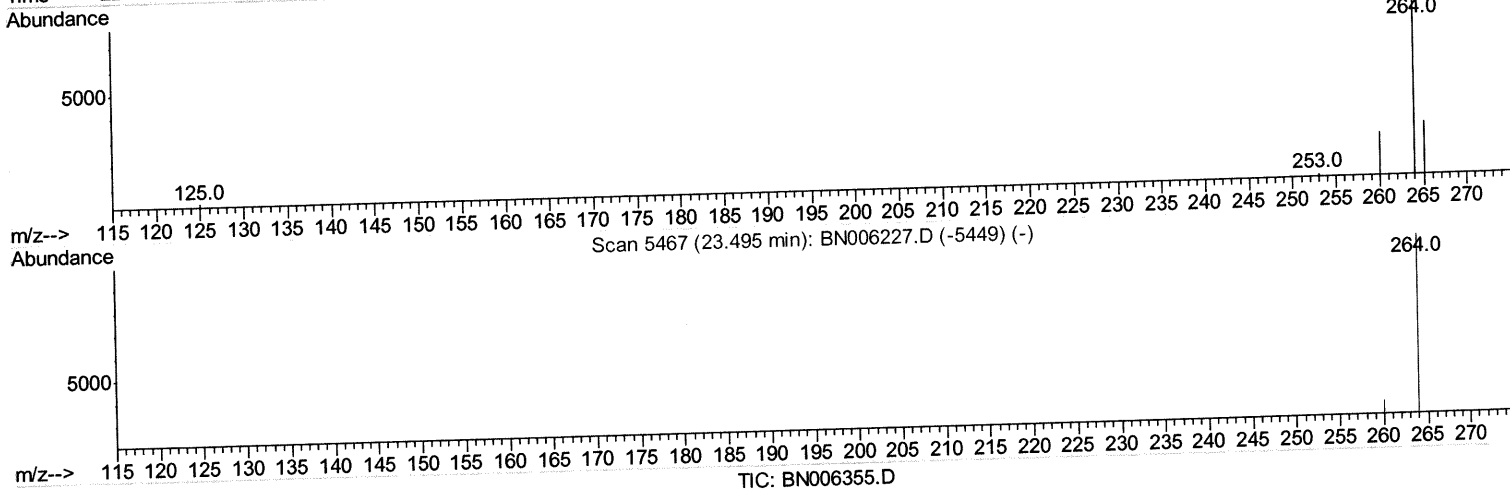
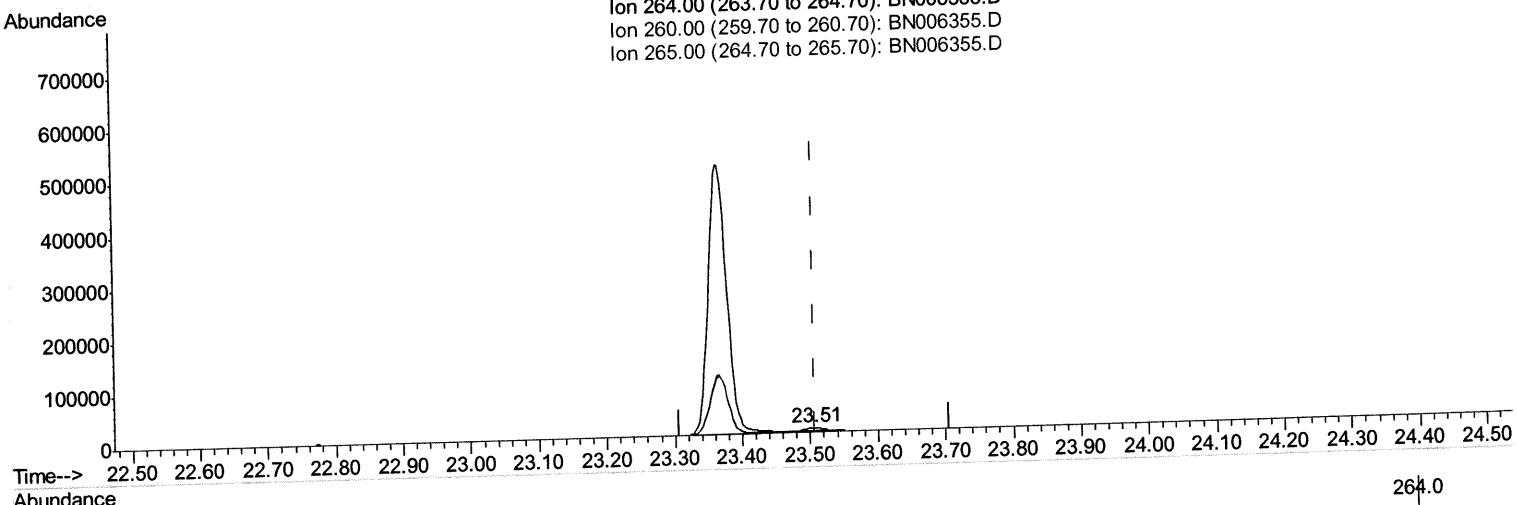
Instrument :
 BNA_N
 ClientSampled :
 A41W3

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:39:35 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Ion 264.00 (263.70 to 264.70): BN006355.D
 Ion 260.00 (259.70 to 260.70): BN006355.D
 Ion 265.00 (264.70 to 265.70): BN006355.D



(20) Perylene-d12 (I)

23.506min (-0.001) 0.40ng/ul m *JU 06/18/19*

response 9928

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.35
265.00	44.70	31.62#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006355.D
 Acq On : 17 Jun 2019 19:17
 Operator : JU/SJ
 Sample : K3332-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W3

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:26 AM

Quant Time: Jun 18 03:41:08 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4780	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19063	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	10450	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18779m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11787m>	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	9928m>	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7400	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	14204m>	0.28	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.09	178	1591m>	0.026	ng/ul	Ovalue
15) Fluoranthene	19.12	202	2419m>	0.036	ng/ul	
17) Pyrene	19.49	202	1911	0.031	ng/ul#	77

JU 06/18/19

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