

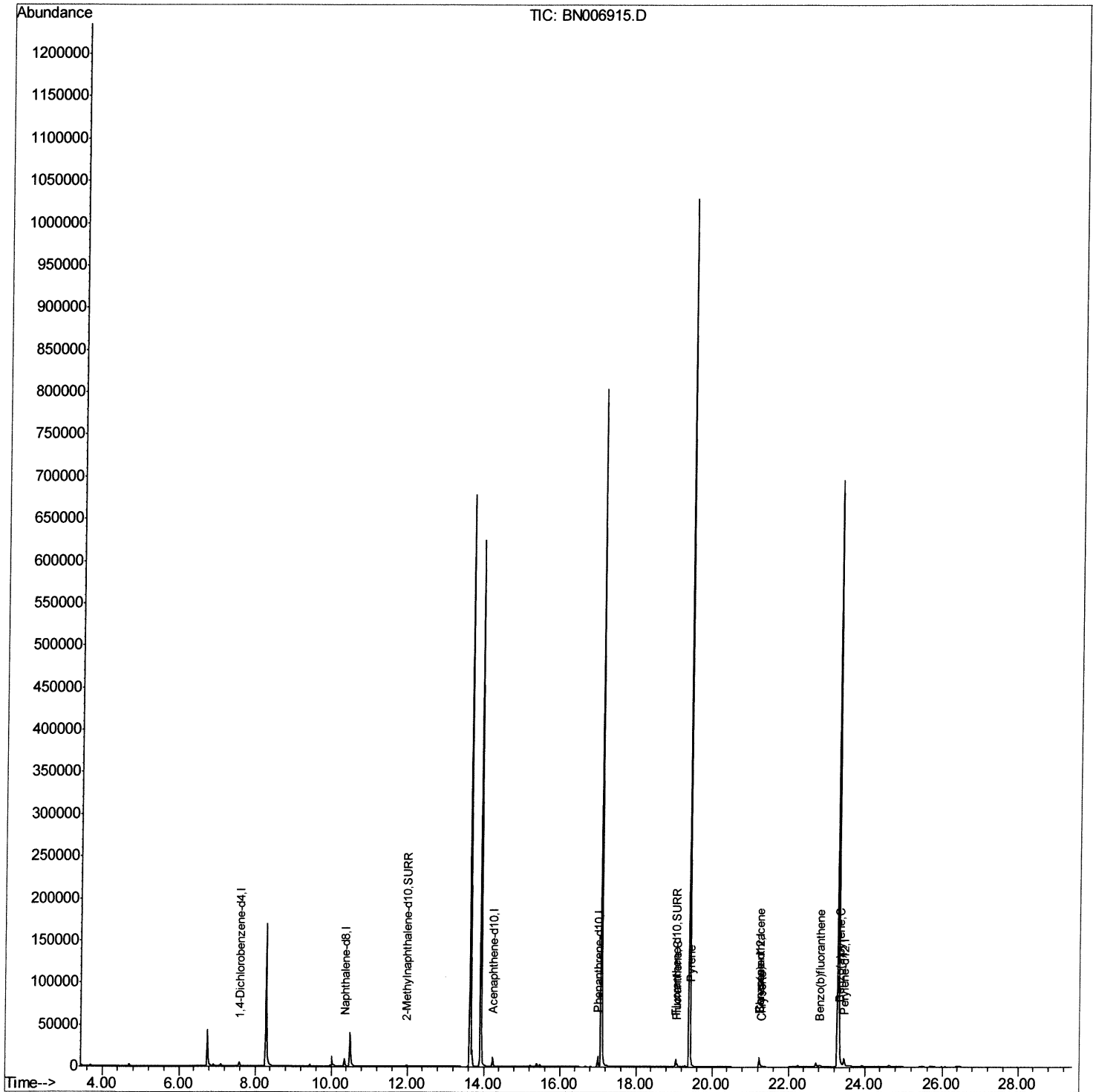
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006915.D
Acq On : 19 Jul 2019 06:01
Operator : HP/JU
Sample : K3764-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52H1

Manual Integrations
APPROVED

mohammad
7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:47:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

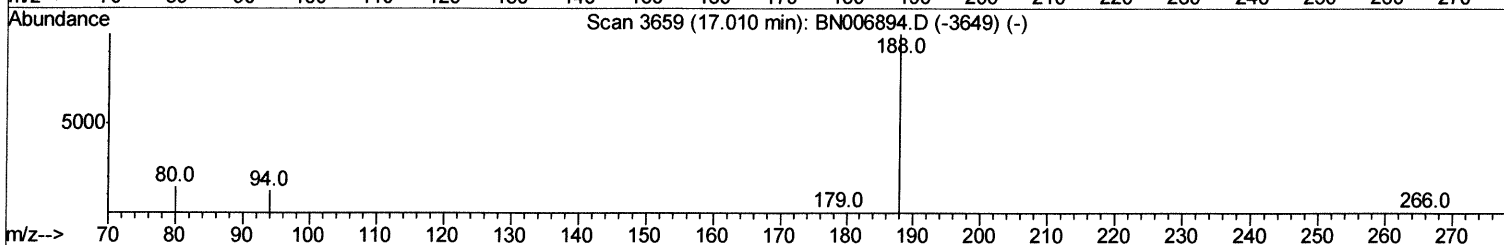
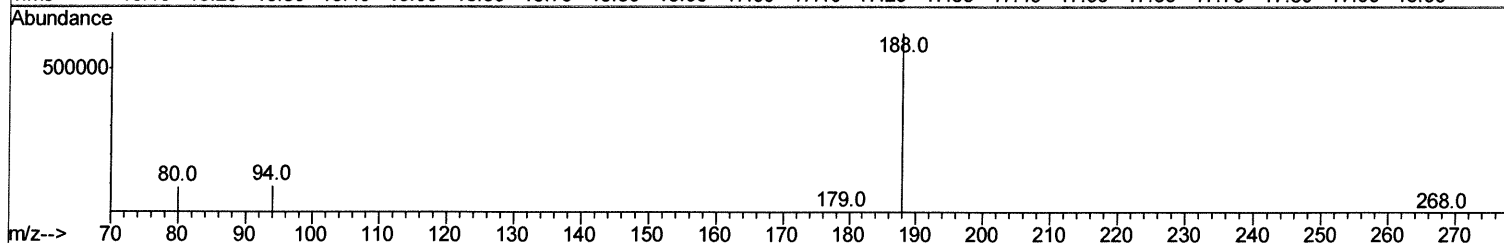
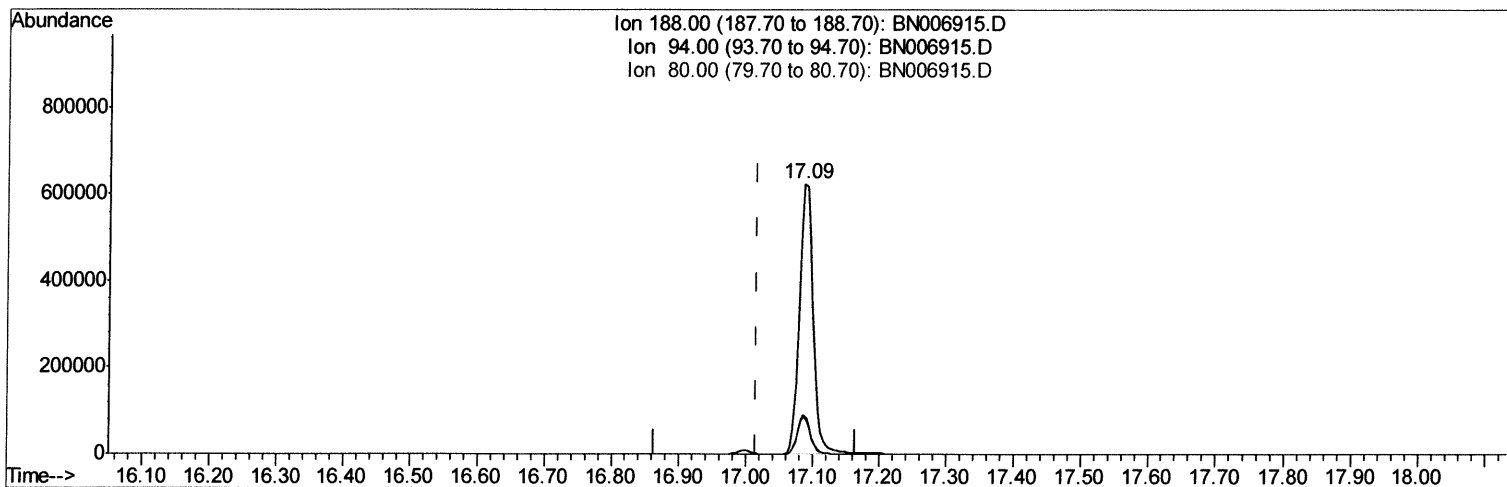
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006915.D
Acq On : 19 Jul 2019 06:01
Operator : HP/JU
Sample : K3764-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52H1

Manual Integrations
APPROVED

mohammad
7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:41:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



TIC: BN006915.D

(10) Phenanthrene-d10 (I)

17.086min (+0.072) 0.40ng/ul

response 900652

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.65
80.00	14.80	14.01
0.00	0.00	0.00

Quantitation Report (Qedit)

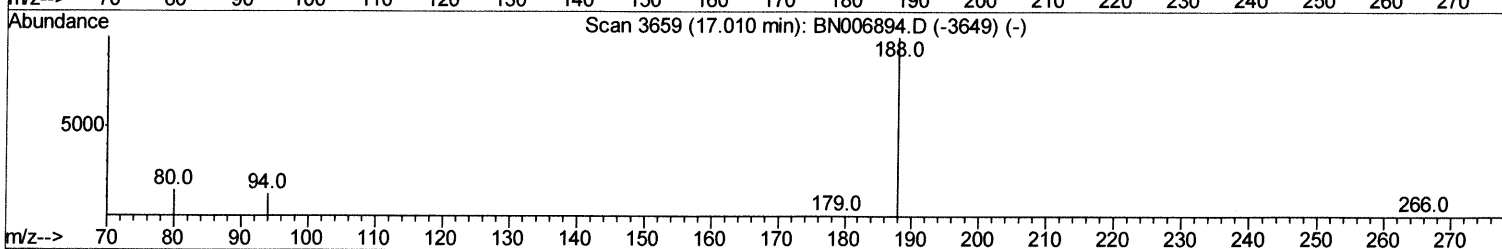
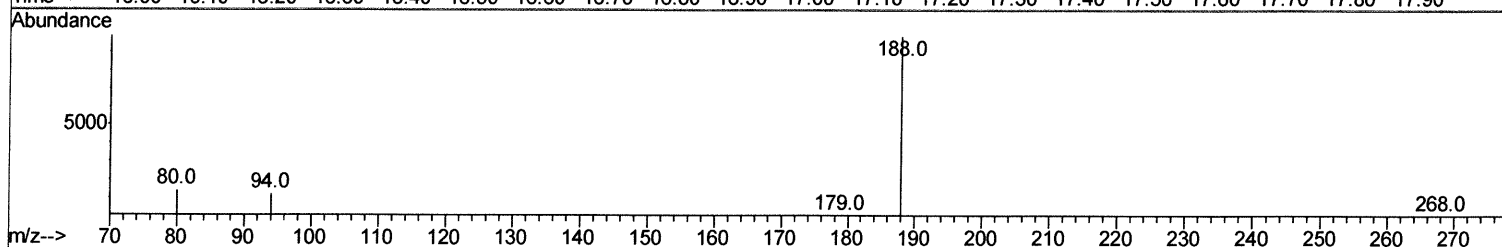
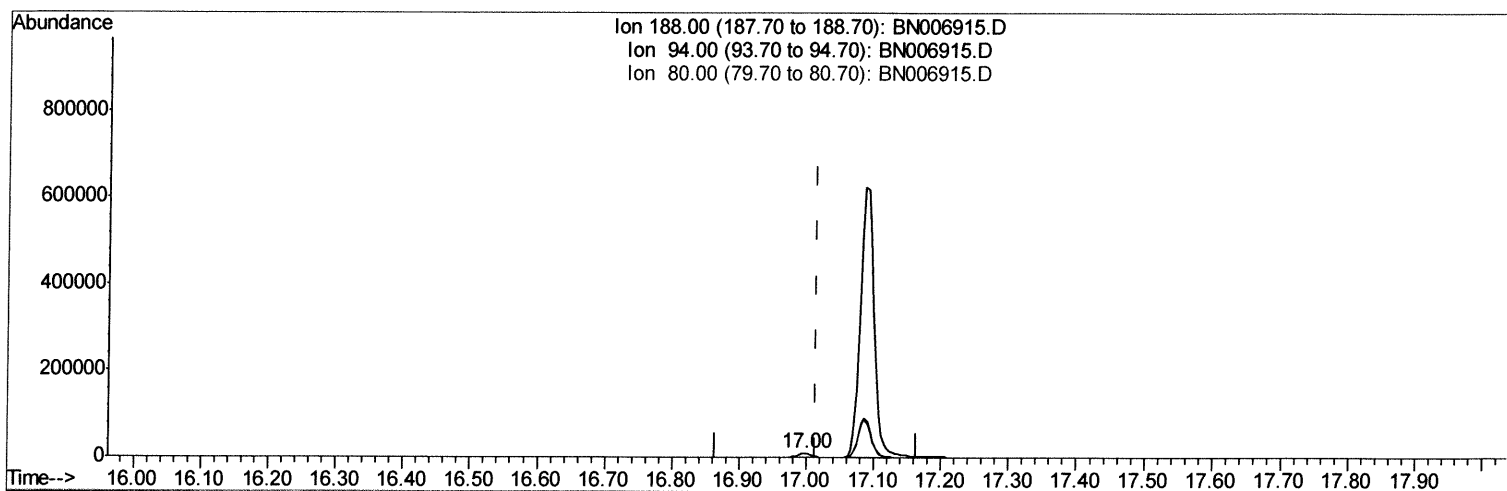
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006915.D
 Acq On : 19 Jul 2019 06:01
 Operator : HP/JU
 Sample : K3764-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52H1

Manual Integrations
 APPROVED

mohammad
 7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006915.D

(10) Phenanthrene-d10 (I)

16.997min (-0.017) 0.40ng/ul m

JU
 6/19/19

response 14069

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.25
80.00	14.80	14.24
0.00	0.00	0.00

Quantitation Report (Qedit)

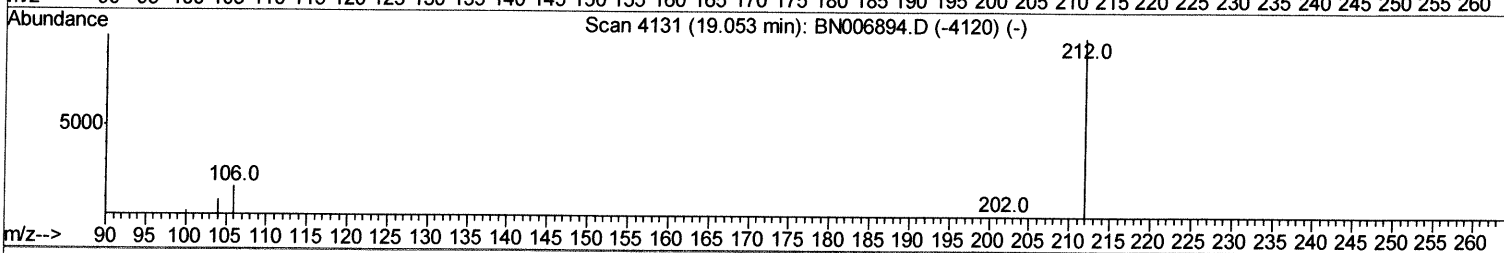
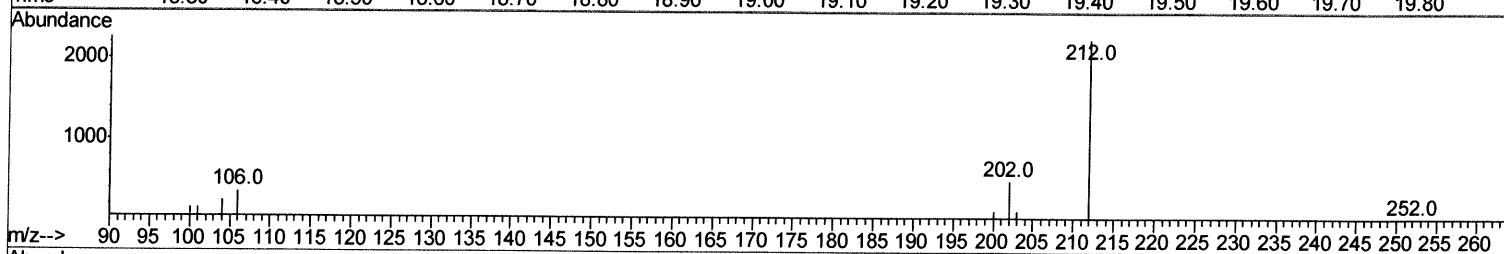
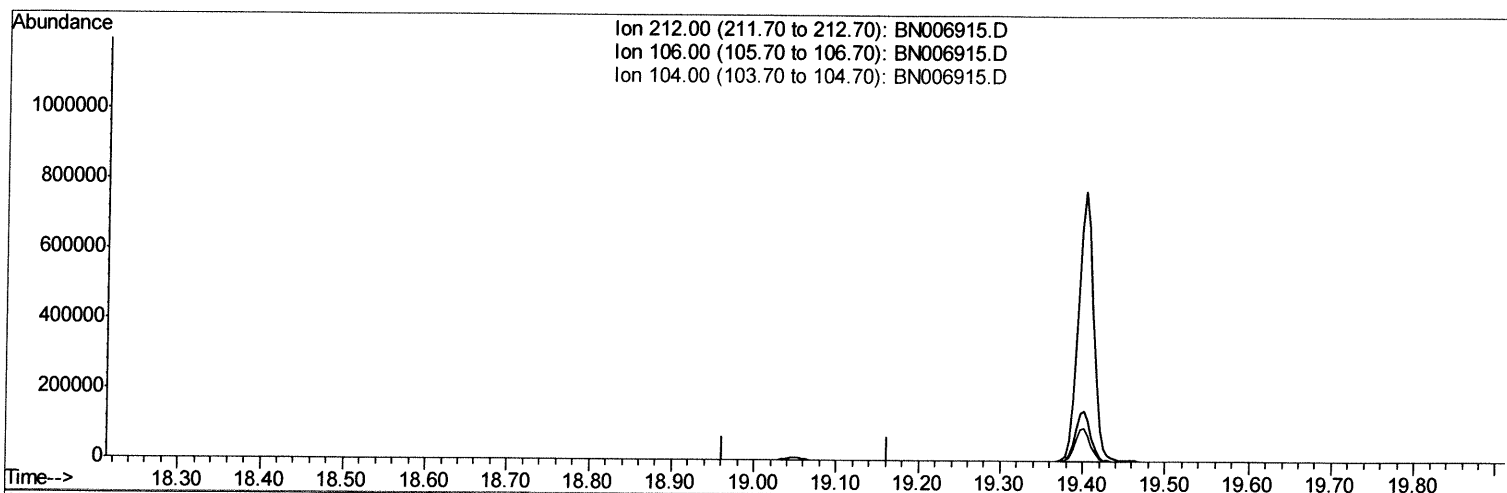
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006915.D
 Acq On : 19 Jul 2019 06:01
 Operator : HP/JU
 Sample : K3764-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A52H1

Manual Integrations
 APPROVED

mohammad
 7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:43:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006915.D

(14) Fluoranthene-d10 (SURR)

19.062min (-19.062) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

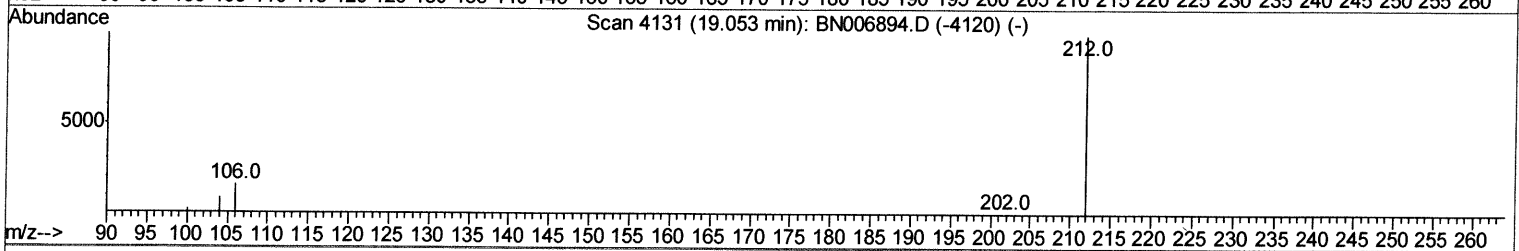
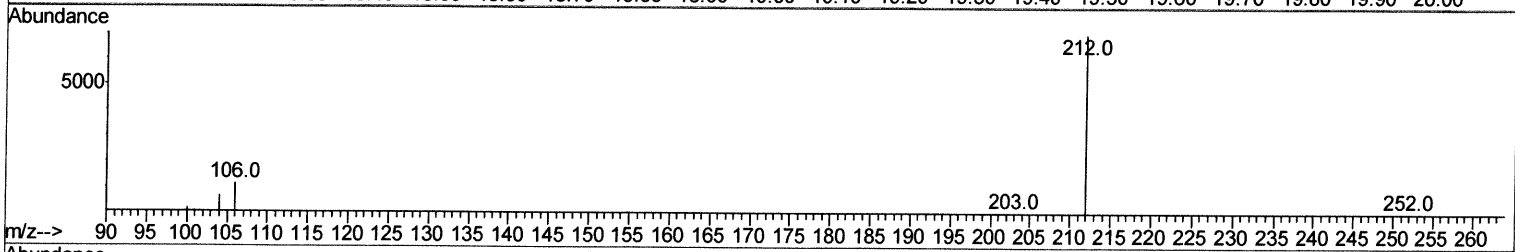
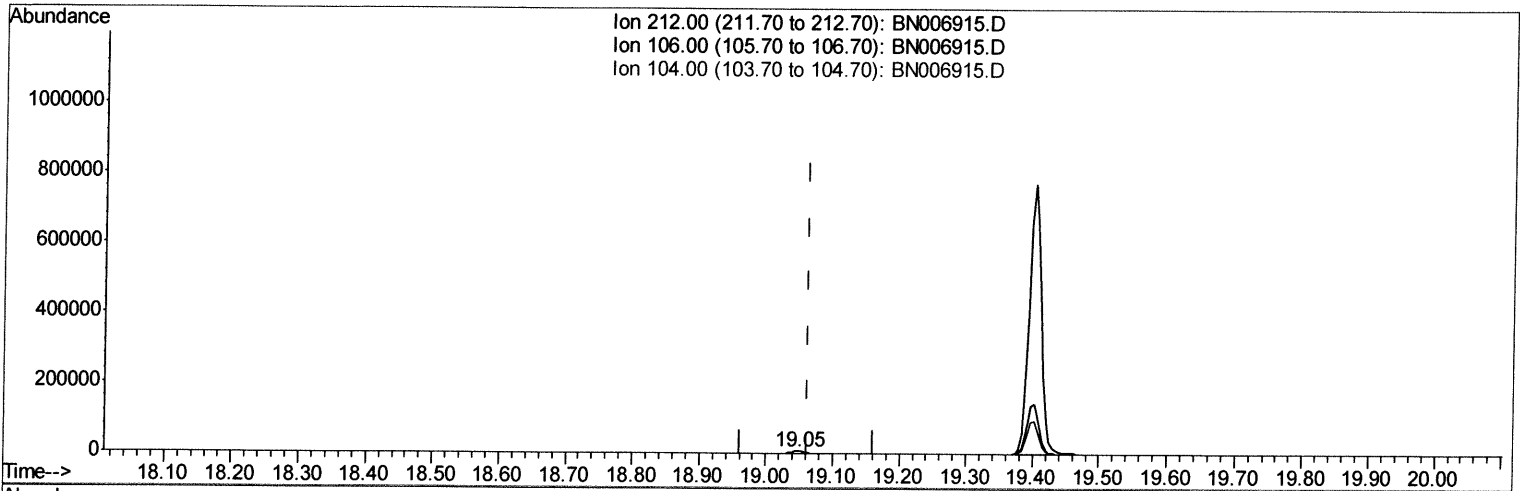
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006915.D
 Acq On : 19 Jul 2019 06:01
 Operator : HP/JU
 Sample : K3764-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A52H1

Manual Integrations
 APPROVED

mohammad
 7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:43:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006915.D

(14) Fluoranthene-d10 (SURR)

19.048min (-0.014) 0.26ng/ul m

JU
 07/19/19

response 10739

Ion	Exp%	Act%
212.00	100	100
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

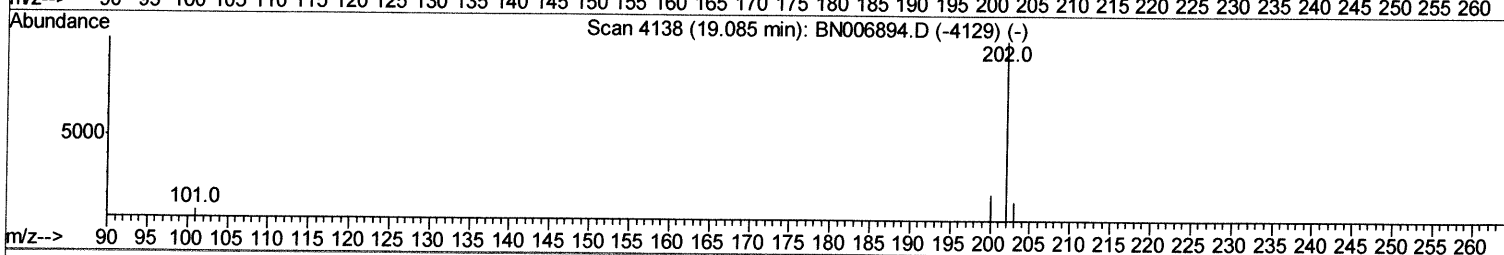
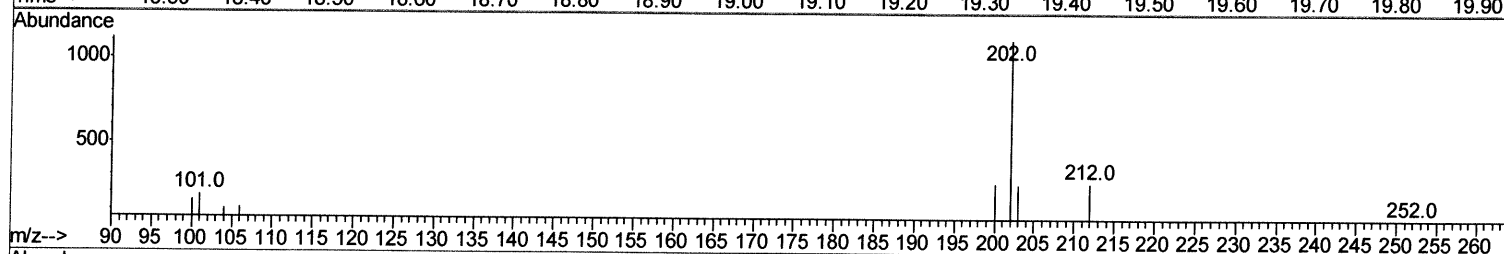
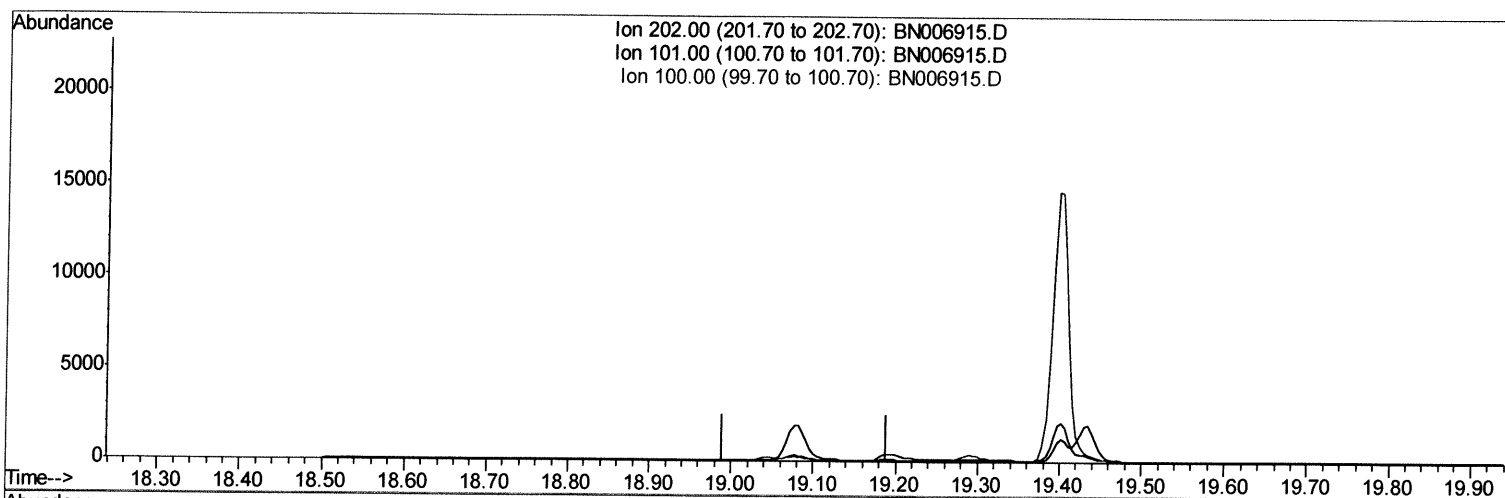
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006915.D
Acq On : 19 Jul 2019 06:01
Operator : HP/JU
Sample : K3764-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52H1

Manual Integrations
APPROVED

mohammad
7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:43:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



TIC: BN006915.D

(15) Fluoranthene (C)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	13.20	0.00
100.00	9.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

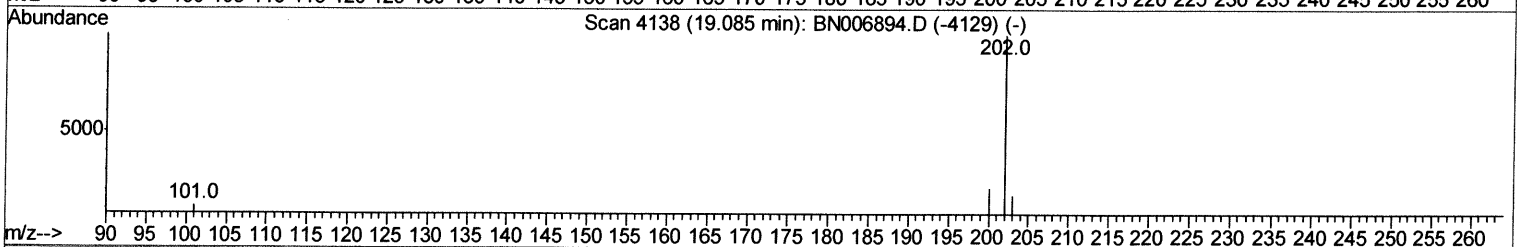
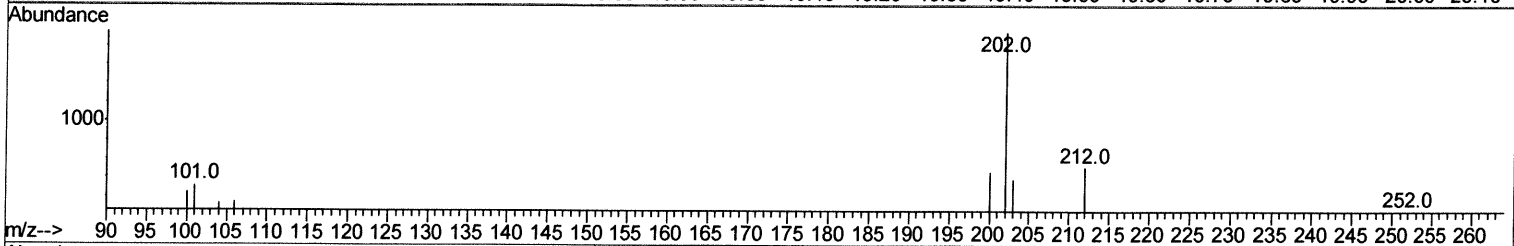
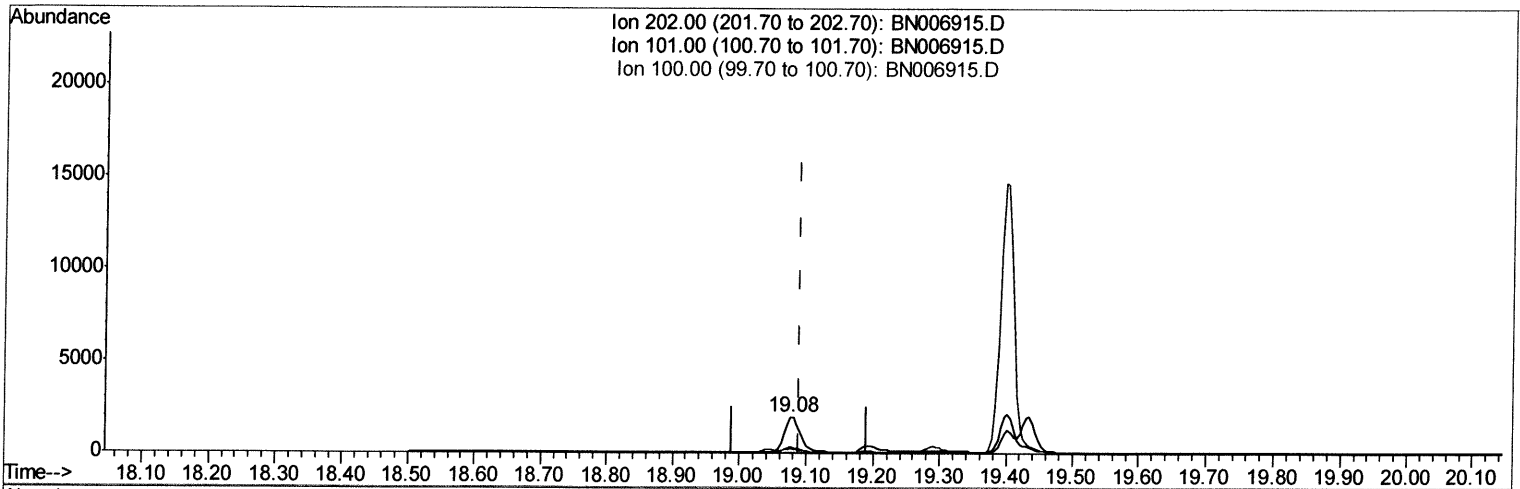
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006915.D
 Acq On : 19 Jul 2019 06:01
 Operator : HP/JU
 Sample : K3764-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A52H1

Manual Integrations
 APPROVED

mohammad
 7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:43:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006915.D

(15) Fluoranthene (C)

19.076min (-0.014) 0.05ng/ul m

JU
 7/19/19

response 3052

Ion	Exp%	Act%
202.00	100	100
101.00	13.20	16.03
100.00	9.90	12.80
0.00	0.00	0.00

Quantitation Report (Qedit)

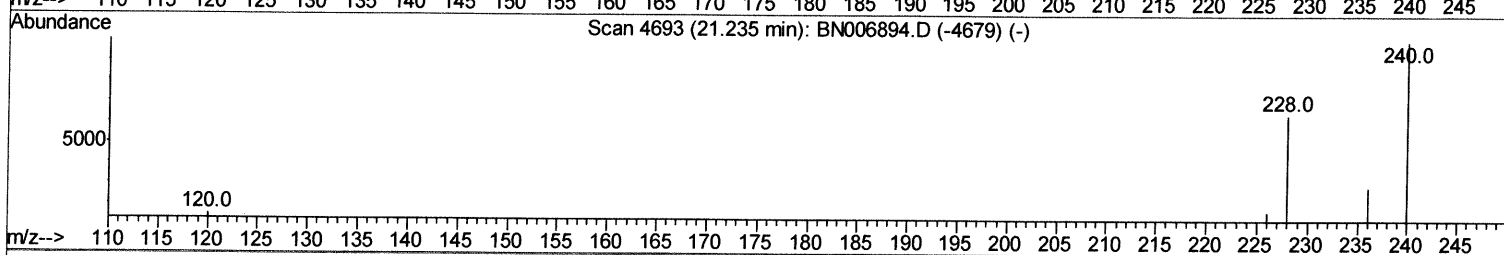
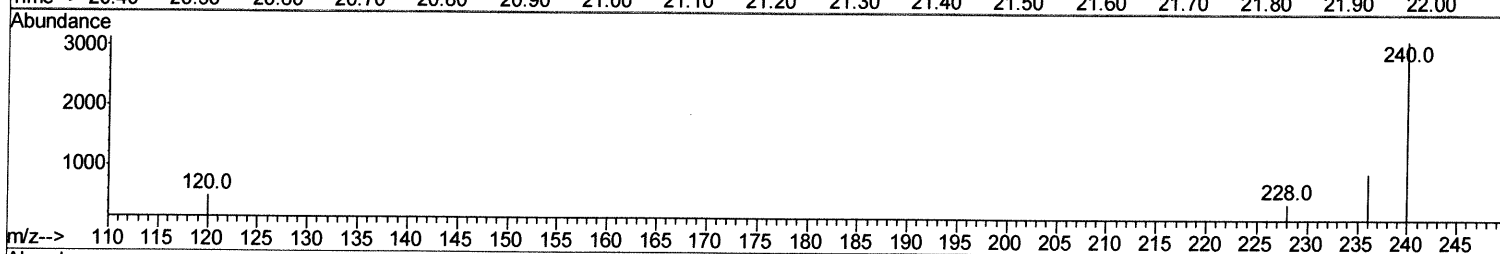
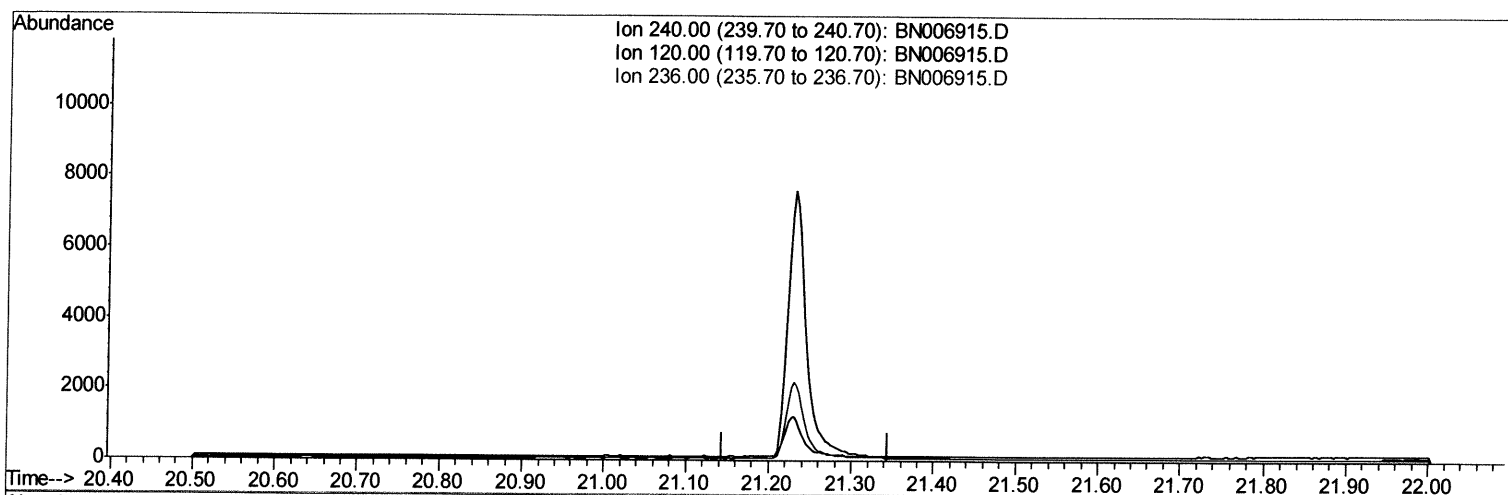
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006915.D
Acq On : 19 Jul 2019 06:01
Operator : HP/JU
Sample : K3764-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52H1

Manual Integrations
APPROVED

mohammad
7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:43:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



TIC: BN006915.D

(16) Chrysene-d12 (I)

21.245min (-21.245) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.20	0.00#
236.00	30.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

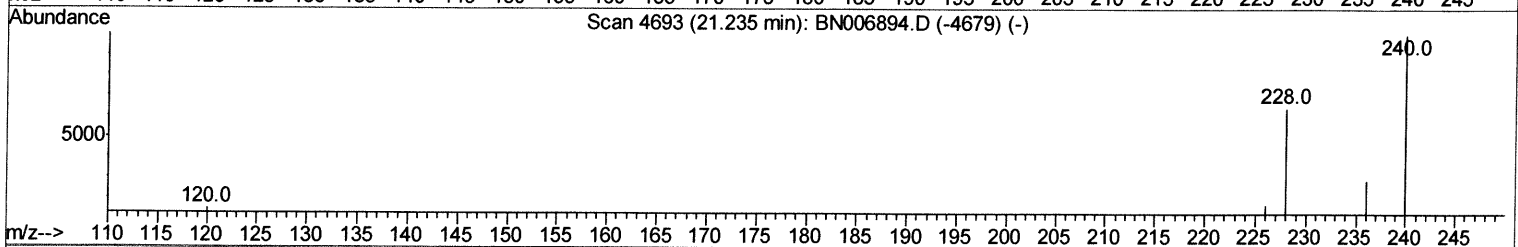
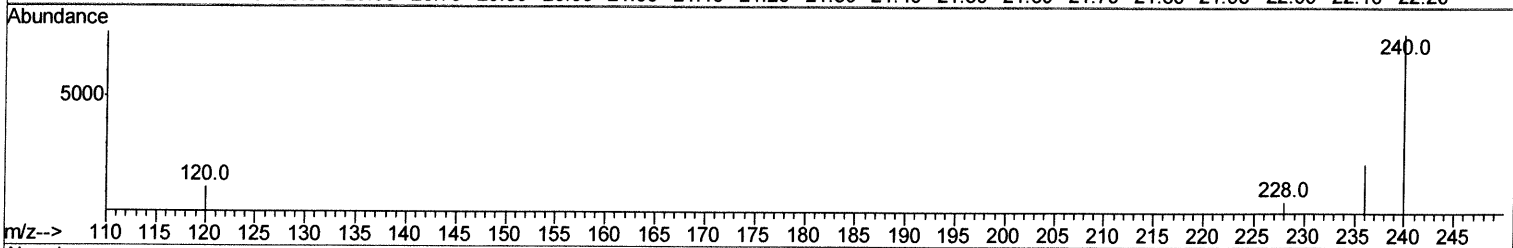
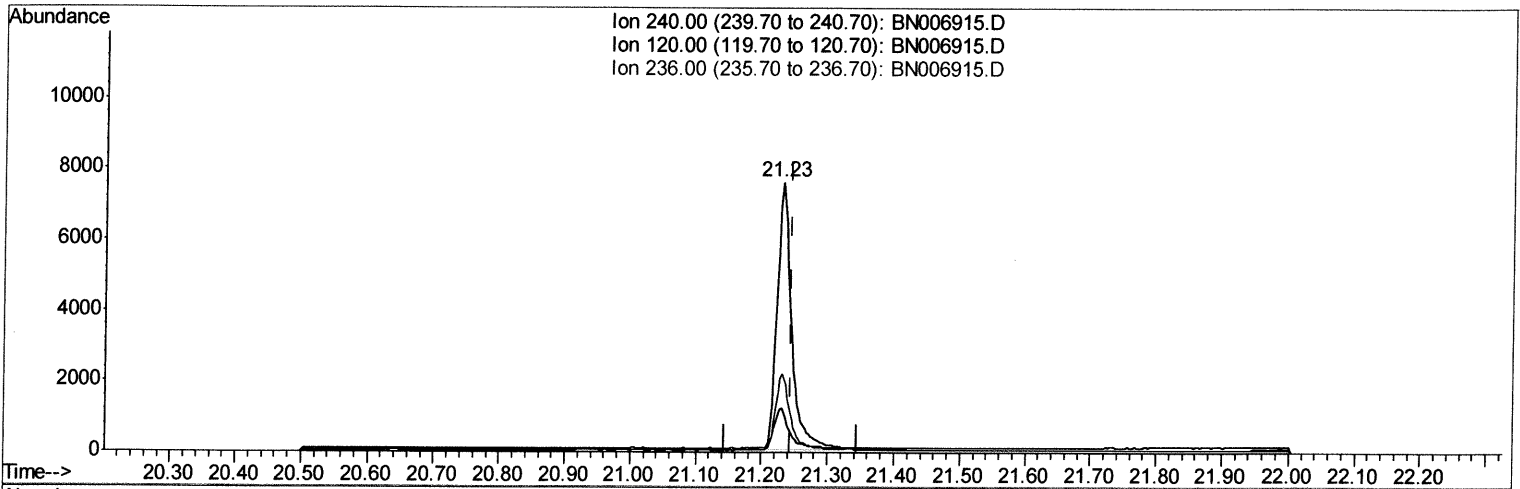
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006915.D
 Acq On : 19 Jul 2019 06:01
 Operator : HP/JU
 Sample : K3764-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52H1

Manual Integrations
 APPROVED

mohammad
 7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:43:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006915.D

(16) Chrysene-d12 (I)

21.230min (-0.015) 0.40ng/ul m

JU
 7/19/19

response 11669

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.27
236.00	30.00	29.18
0.00	0.00	0.00

Quantitation Report (Qedit)

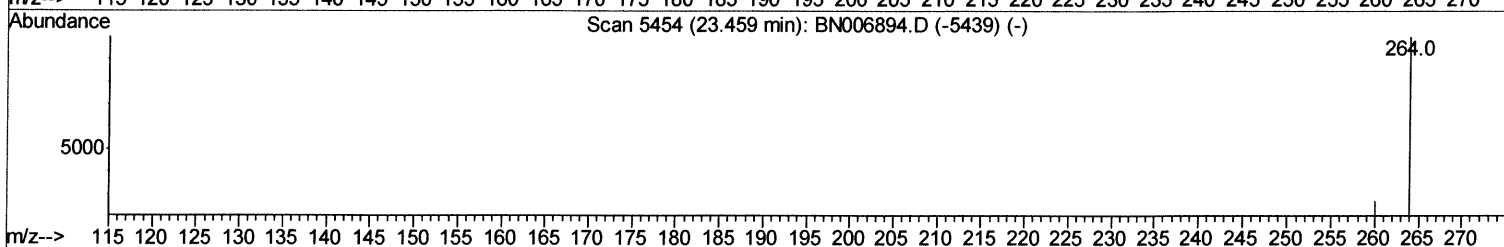
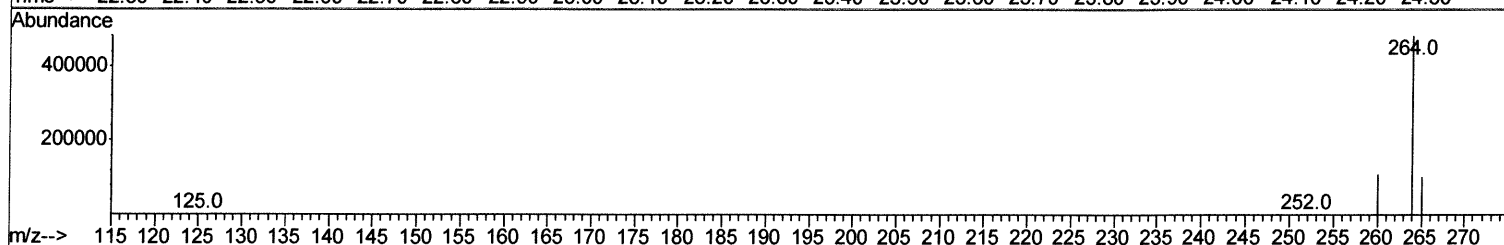
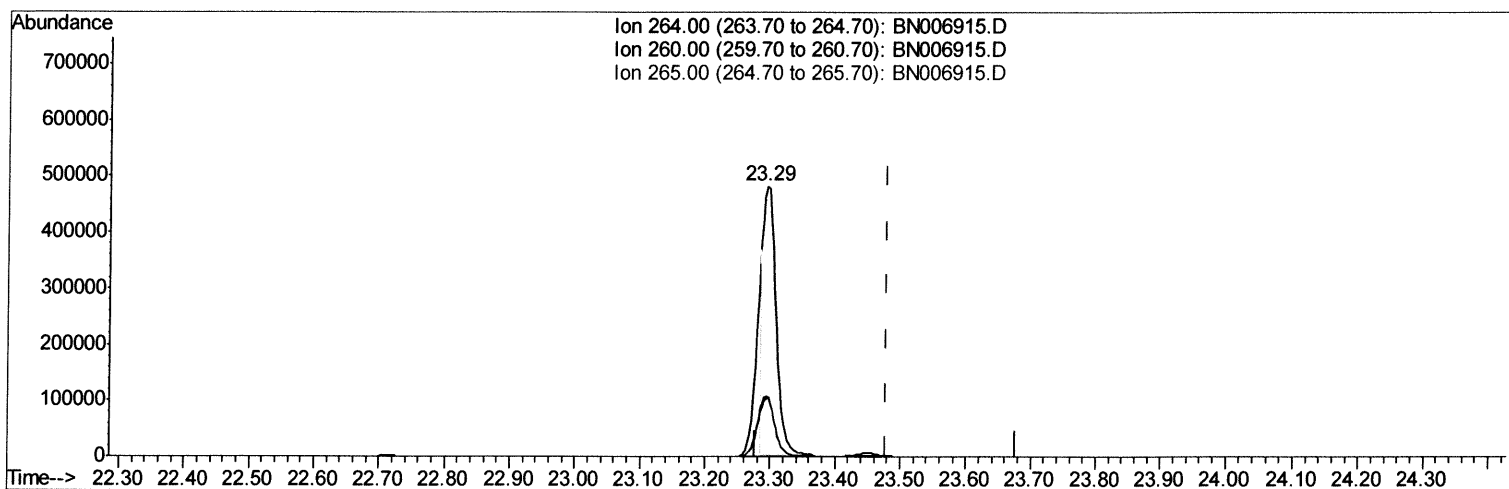
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006915.D
 Acq On : 19 Jul 2019 06:01
 Operator : HP/JU
 Sample : K3764-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52H1

Manual Integrations
 APPROVED

mohammad
 7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:44:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006915.D

(20) Perylene-d12 (I)

23.294min (-0.184) 0.40ng/ul

response 658740

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.50
265.00	36.10	21.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

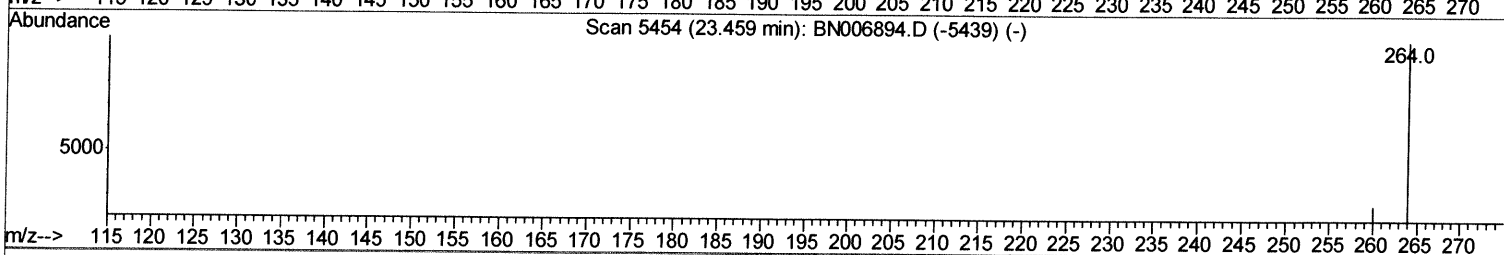
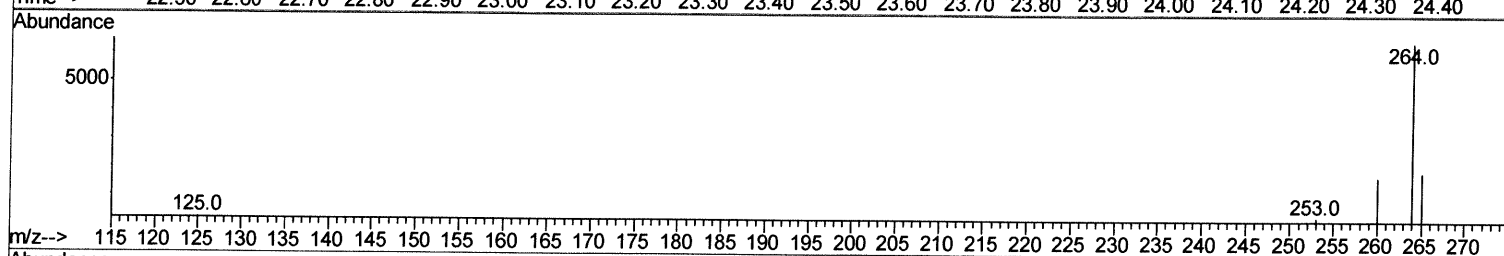
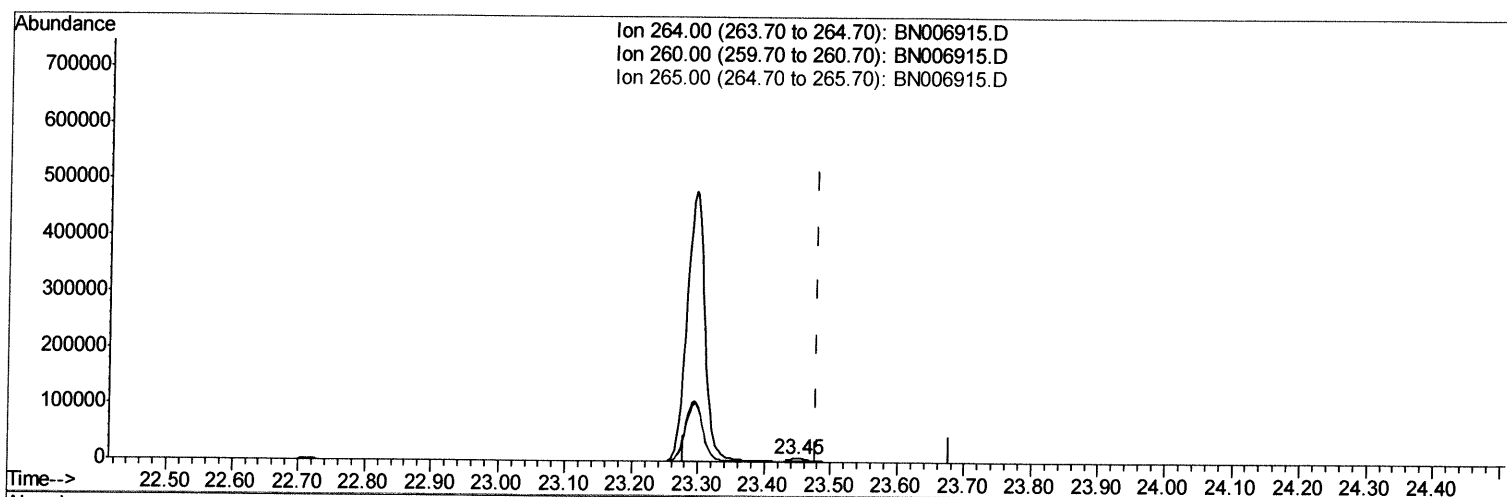
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006915.D
Acq On : 19 Jul 2019 06:01
Operator : HP/JU
Sample : K3764-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52H1

Manual Integrations
APPROVED

mohammad
7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:44:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



TIC: BN006915.D

(20) Perylene-d12 (I)

23.449min (-0.029) 0.40ng/ul m *JU 6/19/19*

response 10513

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.59
265.00	36.10	29.35
0.00	0.00	0.00

Quantitation Report (Qedit)

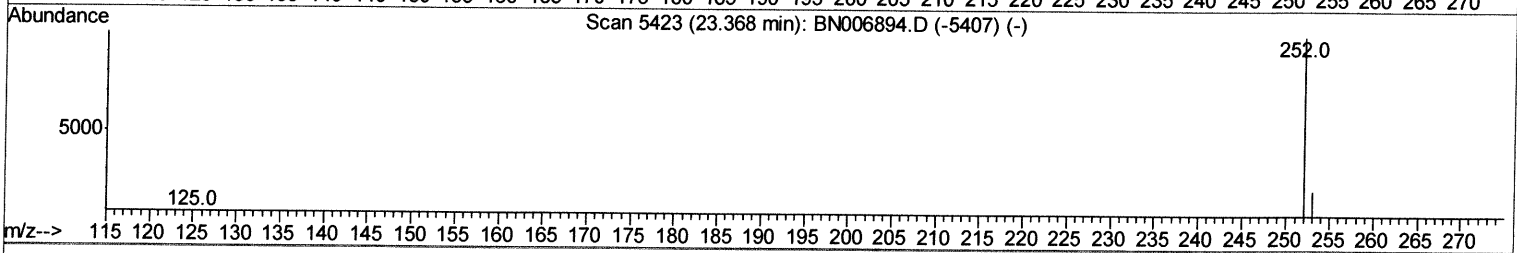
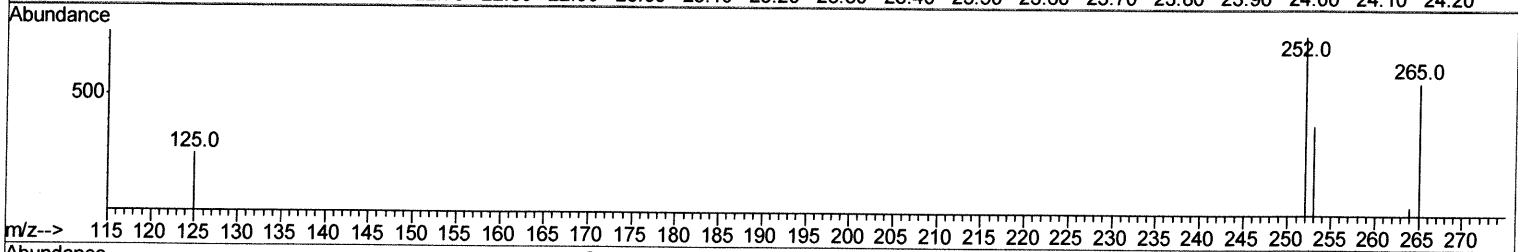
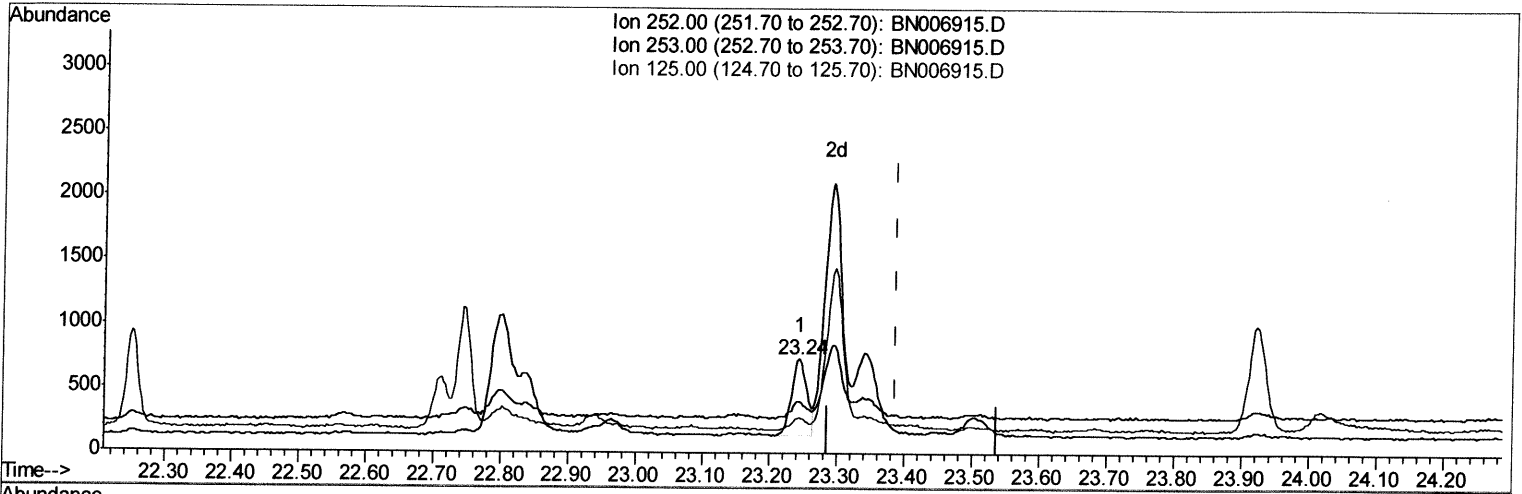
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006915.D
 Acq On : 19 Jul 2019 06:01
 Operator : HP/JU
 Sample : K3764-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52H1

Manual Integrations
 APPROVED

mohammad
 7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:45:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration



TIC: BN006915.D

(23) Benzo(a)pyrene (C)

23.244min (-0.143) 0.02ng/ul

response 967

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	54.36#
125.00	15.80	38.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

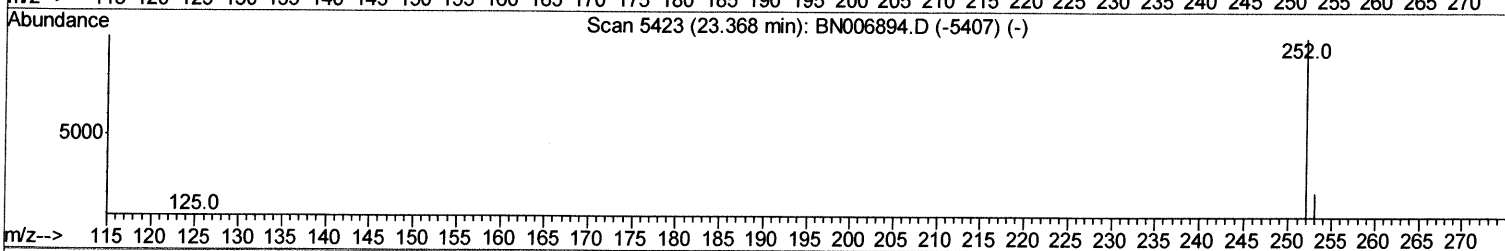
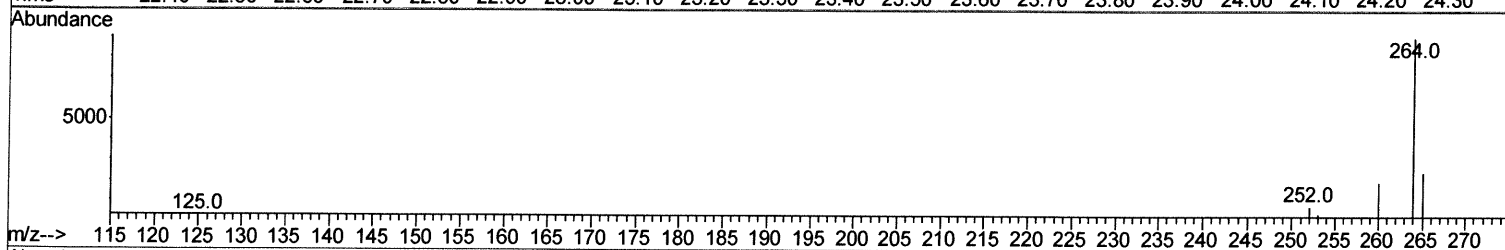
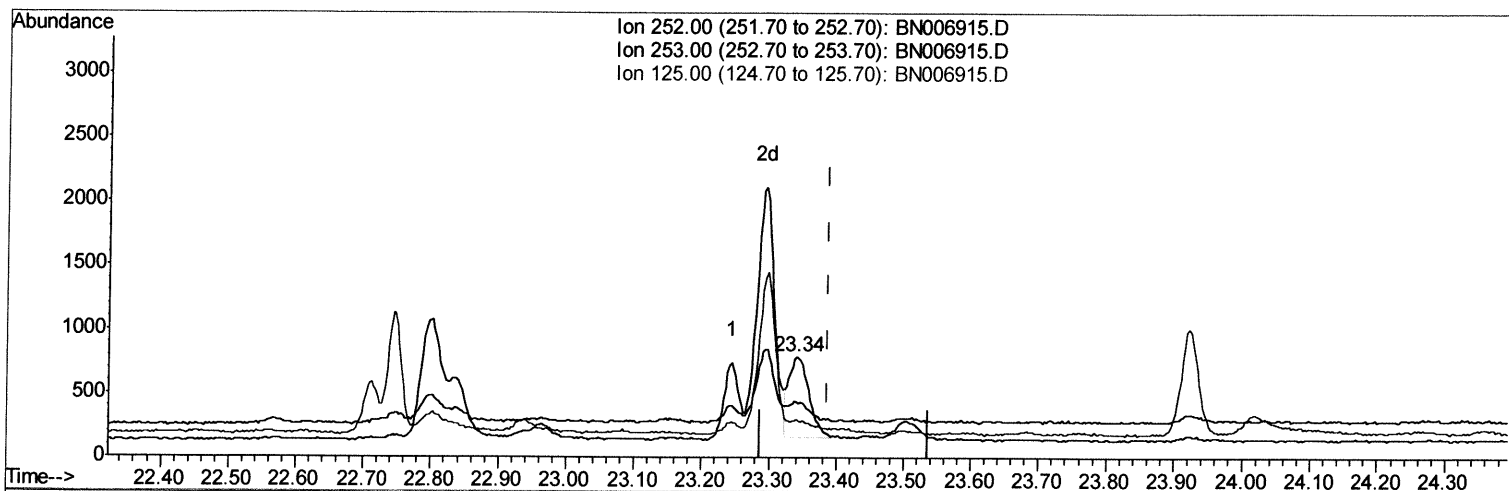
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006915.D
Acq On : 19 Jul 2019 06:01
Operator : HP/JU
Sample : K3764-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52H1

Manual Integrations
APPROVED

mohammad
7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:45:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 03:57:16 2019
Response via : Initial Calibration



TIC: BN006915.D

(23) Benzo(a)pyrene (C)

23.340min (-0.047) 0.03ng/ul m

Ju
07/19/19

response 1324

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	54.71#
125.00	15.80	37.79#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006915.D
 Acq On : 19 Jul 2019 06:01
 Operator : HP/JU
 Sample : K3764-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52H1

Manual Integrations
 APPROVED

mohammad
 7/19/2019 4:00:14 PM

Quant Time: Jul 19 06:47:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 03:57:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3566	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	12907	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.23	164	6515	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.00	188	14069m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	11669m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	10513m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4616	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	10739m	0.26	ng/ul	-0.01
Target Compounds						
15) Fluoranthene	19.08	202	3052m	0.055	ng/ul	Ovalue
17) Pyrene	19.43	202	2900	0.054	ng/ul#	87
18) Benzo(a)anthracene	21.22	228	1760	0.037	ng/ul#	90
19) Chrysene	21.27	228	1938	0.036	ng/ul#	91
21) Benzo(b)fluoranthene	22.80	252	1810	0.042	ng/ul#	58
23) Benzo(a)pyrene	23.34	252	1324m	0.031	ng/ul	

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