

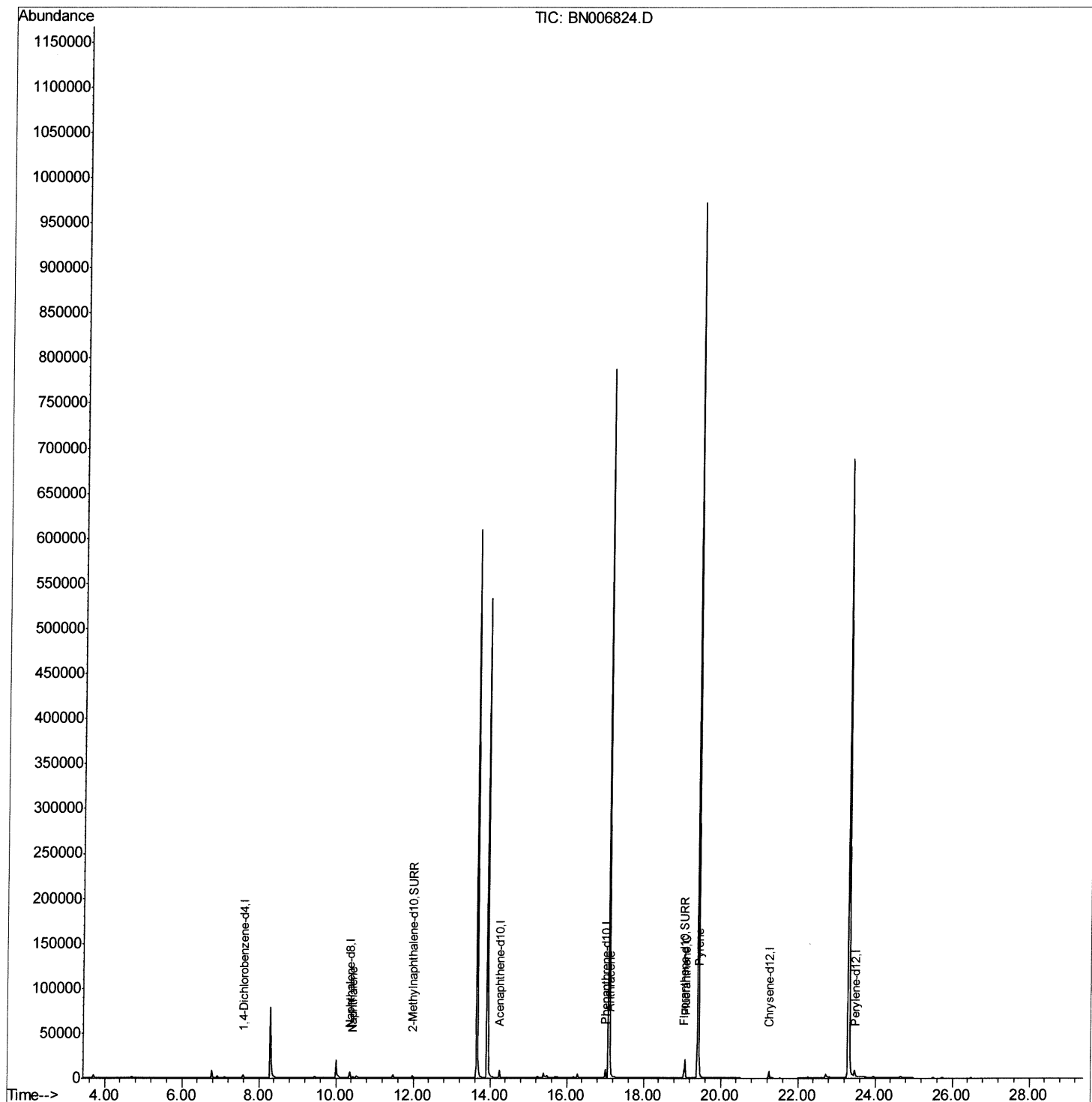
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006824.D
Acq On : 12 Jul 2019 09:22
Operator : HP/JU
Sample : K3717-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4A3

Manual Integrations
APPROVED

mohammad
7/12/2019 10:28:08 PM

Quant Time: Jul 12 14:58:42 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 12 06:39:20 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

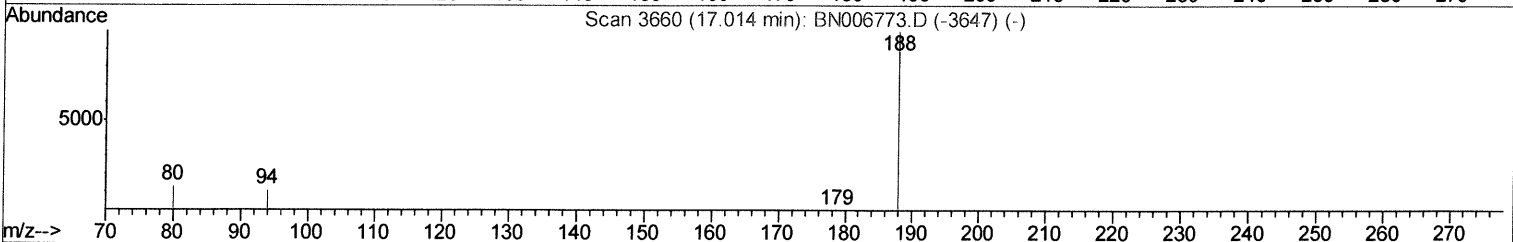
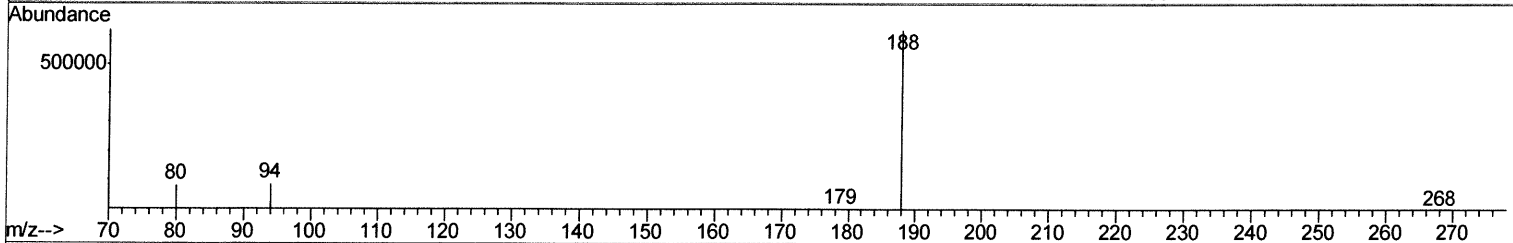
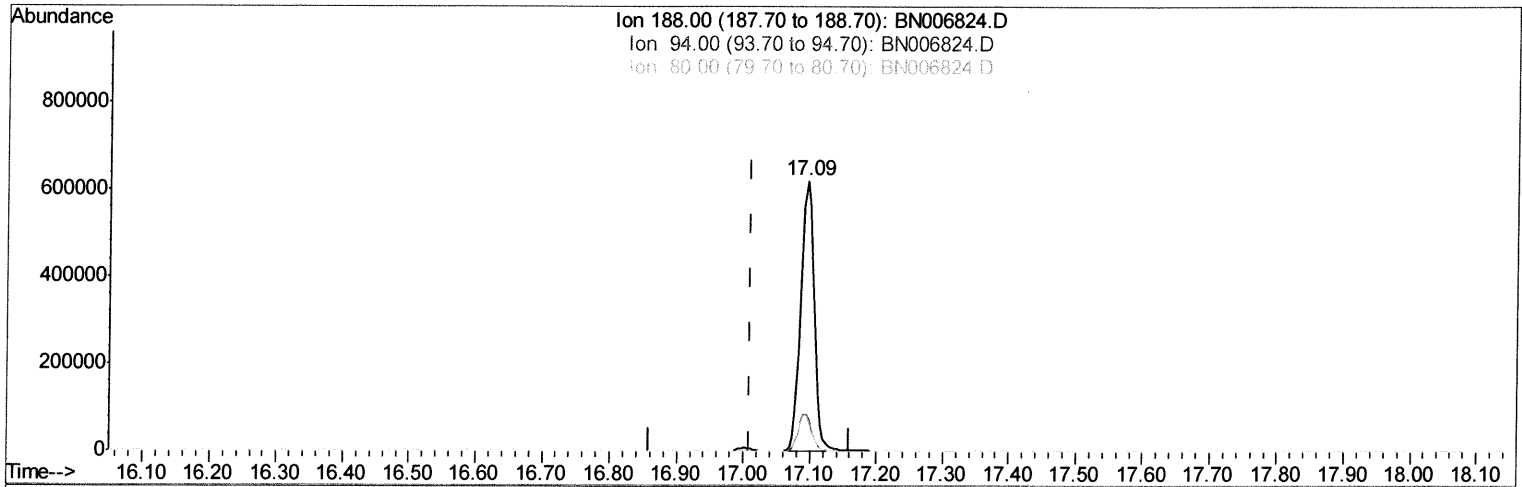
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006824.D
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BNA_N
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Manual Integrations
APPROVED

mohammad
7/12/2019 10:28:08 PM

Quant Time: Jul 12 14:54:57 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 12 06:39:20 2019
Response via : Initial Calibration



TIC: BN006824.D

(10) Phenanthrene-d10 (I)

17.094min (+0.084) 0.40ng/ul

response 870783

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.86
80.00	14.80	13.13
0.00	0.00	0.00

Quantitation Report (Qedit)

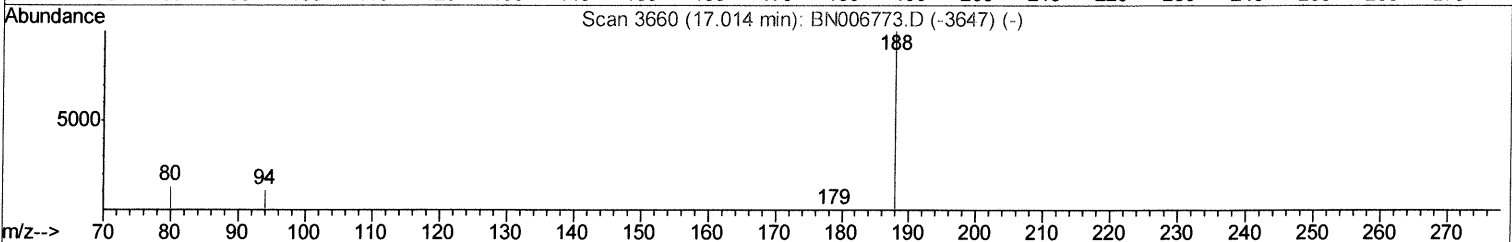
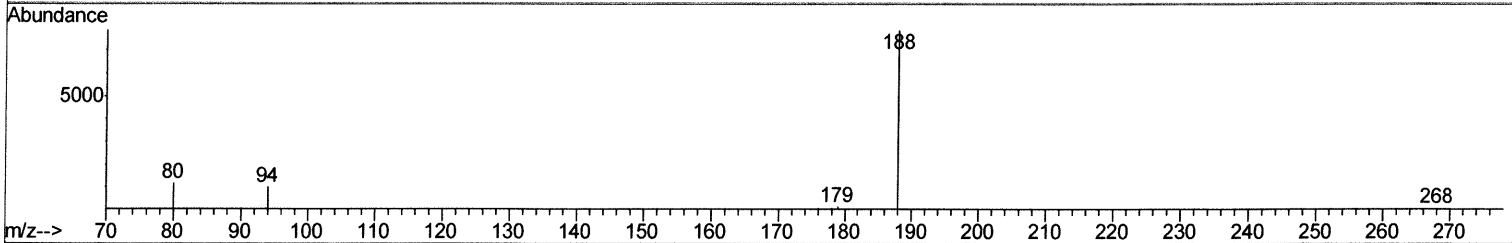
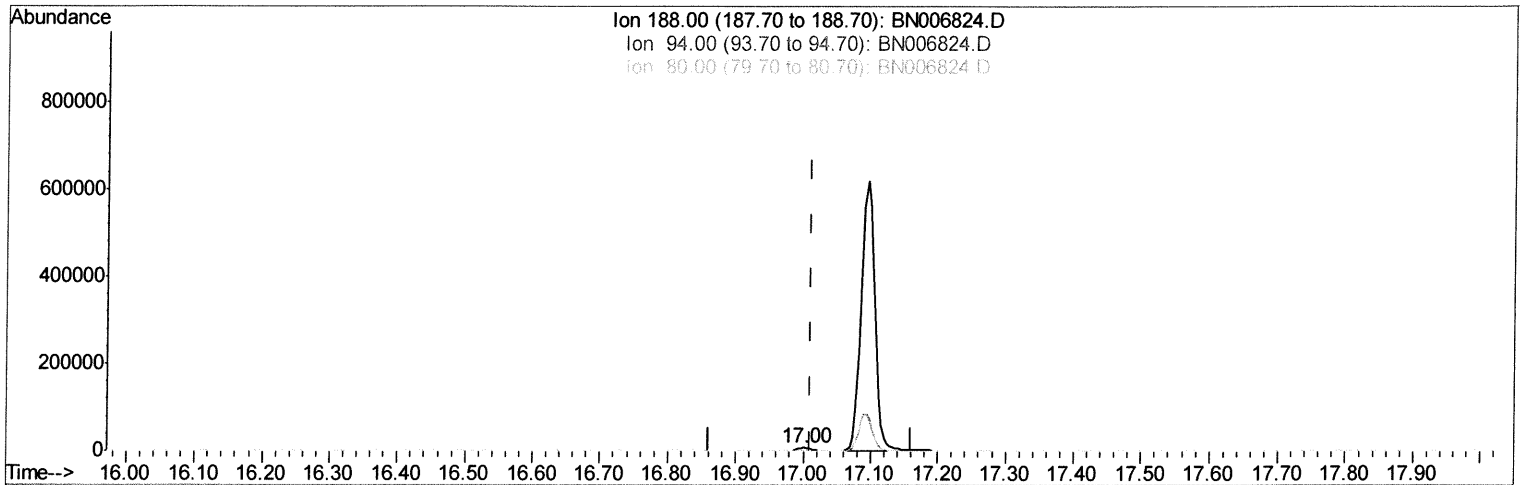
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
 Data File : BN006824.D
 Acq On : 12 Jul 2019 09:22
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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Quant Time: Jul 12 14:54:57 2019
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TIC: BN006824.D

(10) Phenanthrene-d10 (I)

17.002min (-0.009) 0.40ng/ul m

response 11008

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.76
80.00	14.80	14.69
0.00	0.00	0.00

Quantitation Report (Qedit)

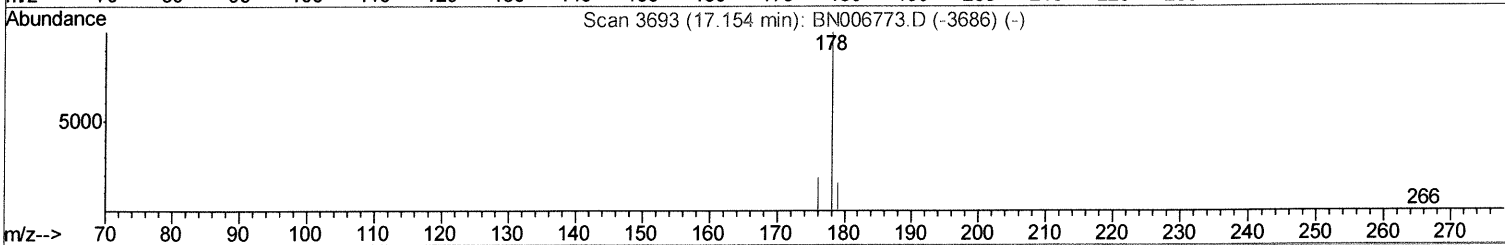
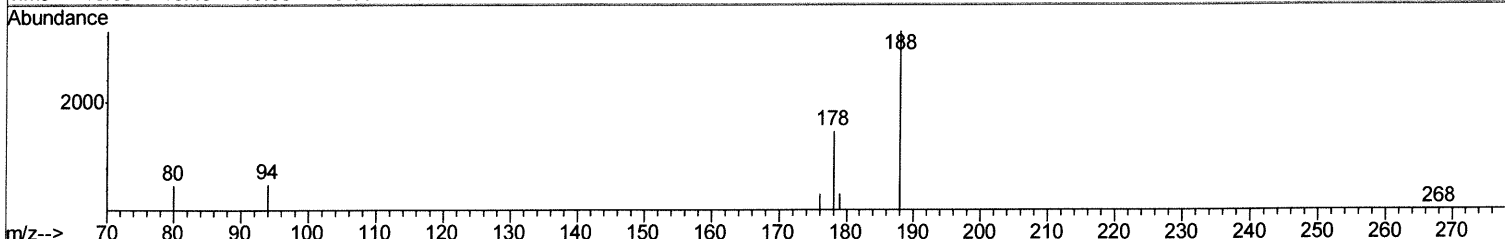
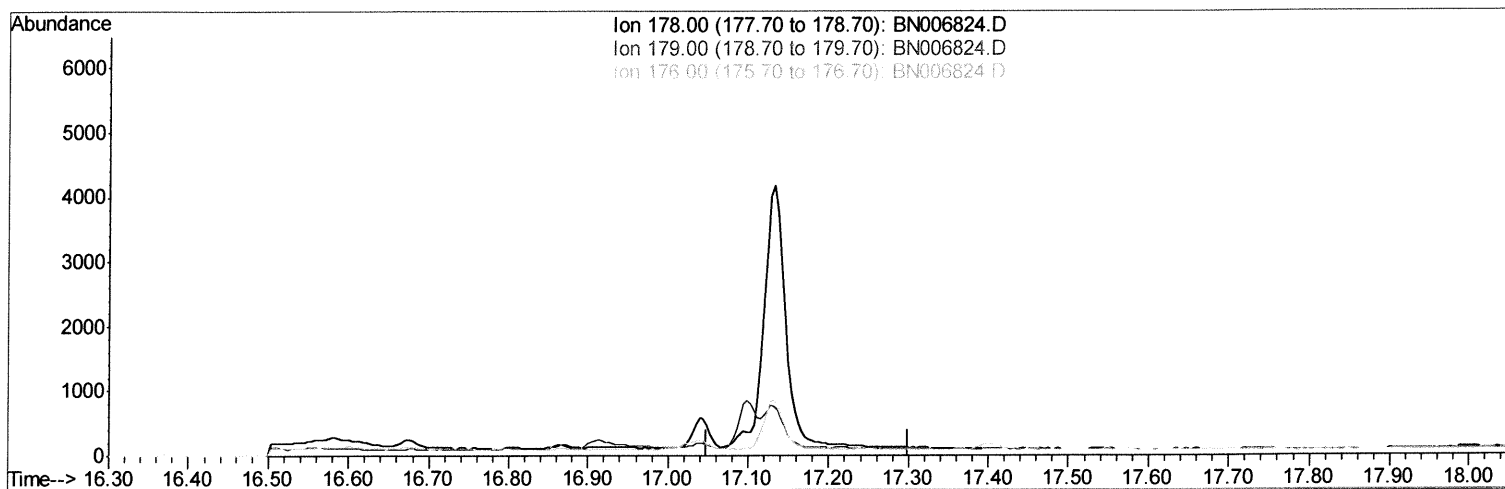
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
 Data File : BN006824.D
 Acq On : 12 Jul 2019 09:22
 Operator : HP/JU
 Sample : K3717-09
 Misc :
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Instrument :
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Manual Integrations
 APPROVED

mohammad
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Quant Time: Jul 12 14:55:50 2019
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TIC: BN006824.D

(13) Anthracene

17.149min (-17.149) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	15.90	0.00#
176.00	19.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

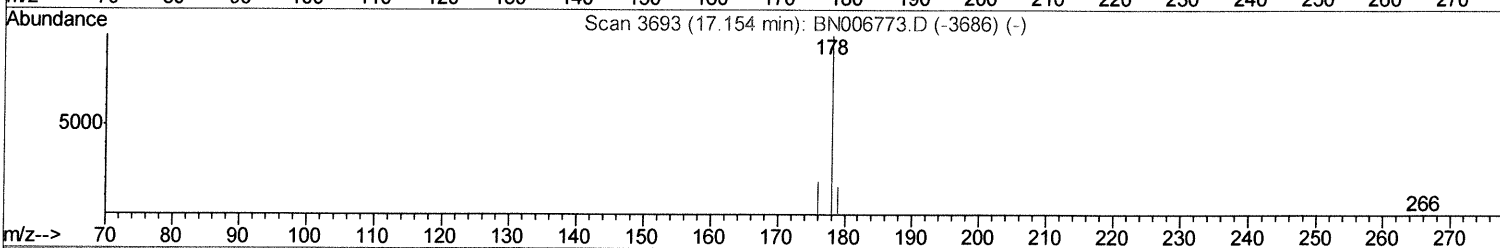
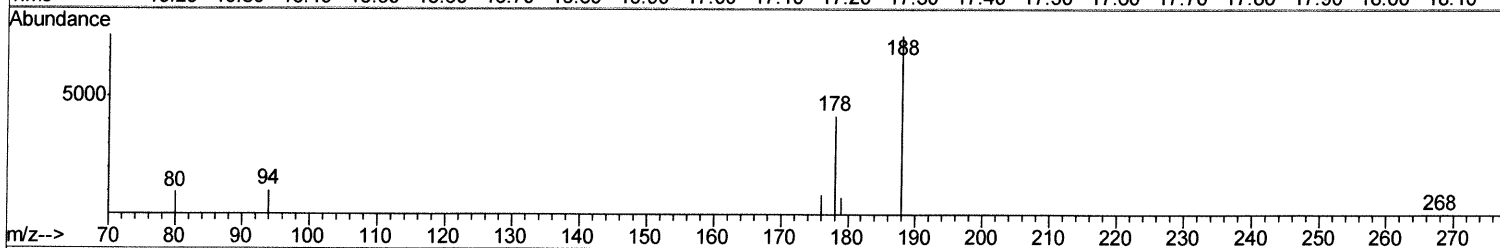
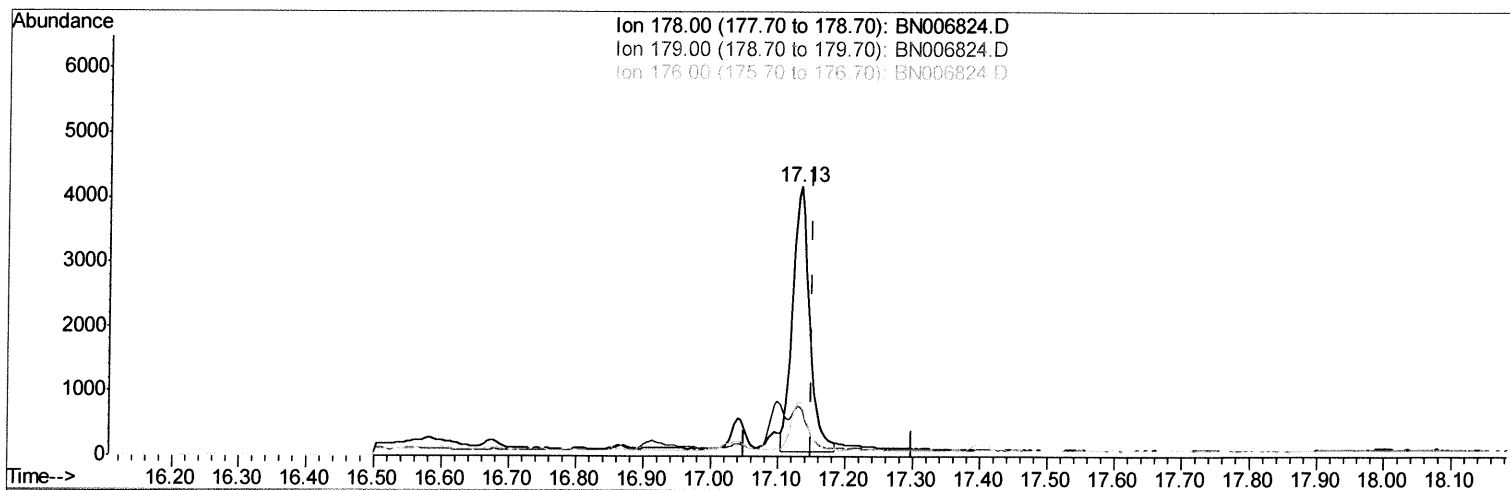
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
 Data File : BN006824.D
 Acq On : 12 Jul 2019 09:22
 Operator : HP/JU
 Sample : K3717-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4A3

Manual Integrations
 APPROVED

mohammad
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 QLast Update : Fri Jul 12 06:39:20 2019
 Response via : Initial Calibration



TIC: BN006824.D

(13) Anthracene

17.132min (-0.017) 0.24ng/ul m

Ju
07/15/19

response 7341

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	18.30
176.00	19.70	20.60
0.00	0.00	0.00

Quantitation Report (Qedit)

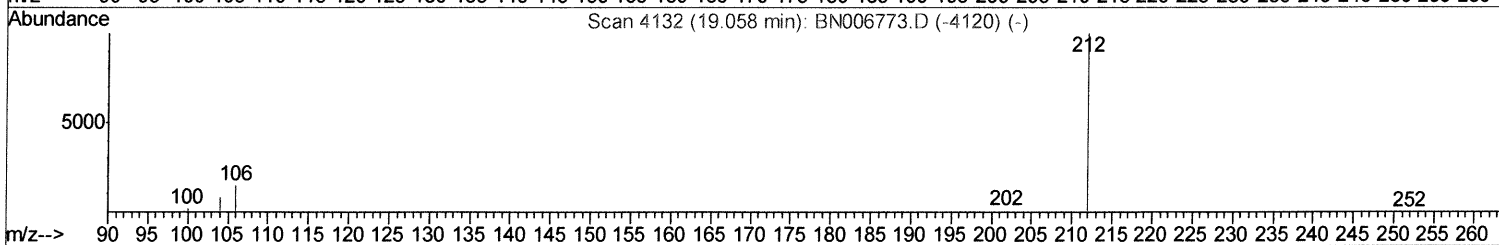
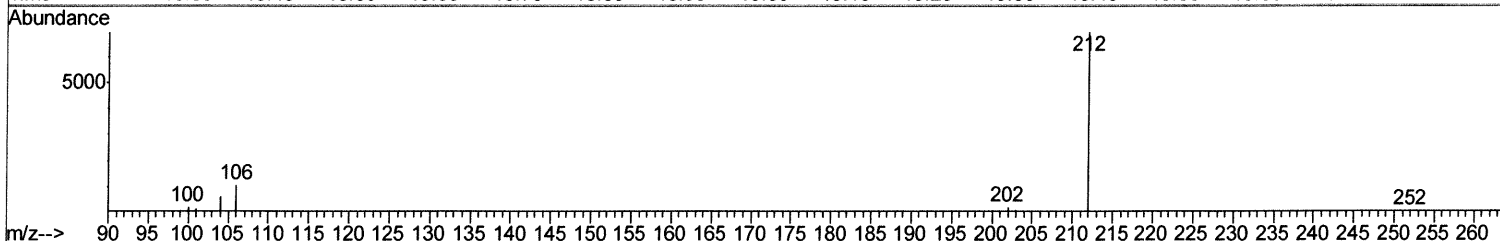
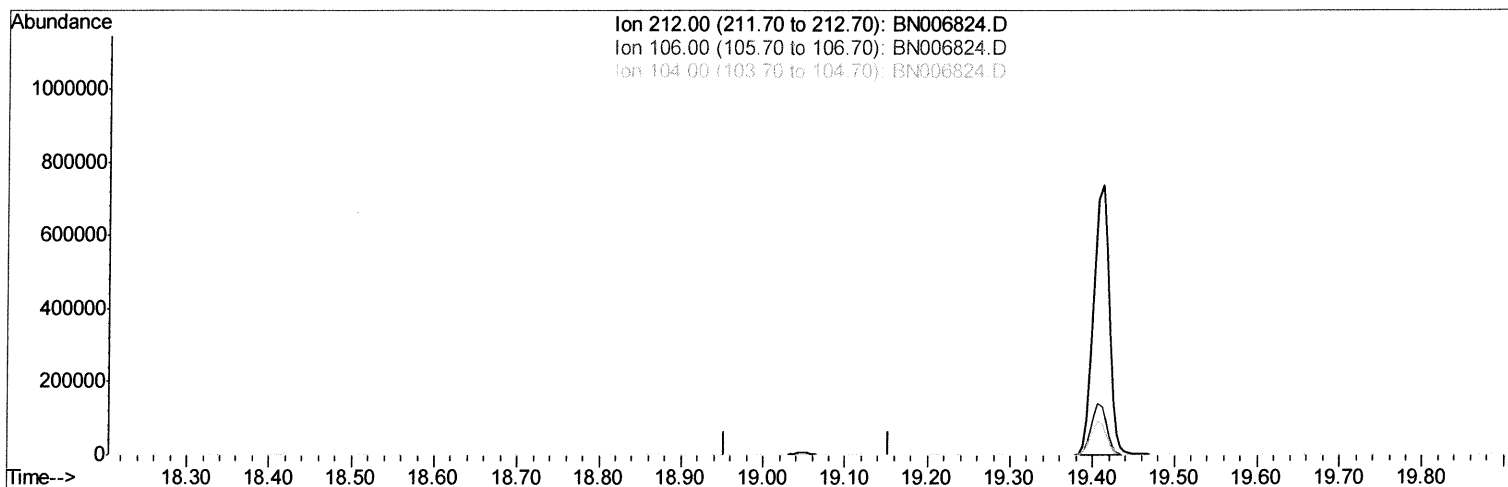
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
 Data File : BN006824.D
 Acq On : 12 Jul 2019 09:22
 Operator : HP/JU
 Sample : K3717-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4A3

Manual Integrations
 APPROVED

mohammad
 7/12/2019 10:28:08 PM

Quant Time: Jul 12 14:55:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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TIC: BN006824.D

(14) Fluoranthene-d10 (SURR)

19.053min (-19.053) 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)

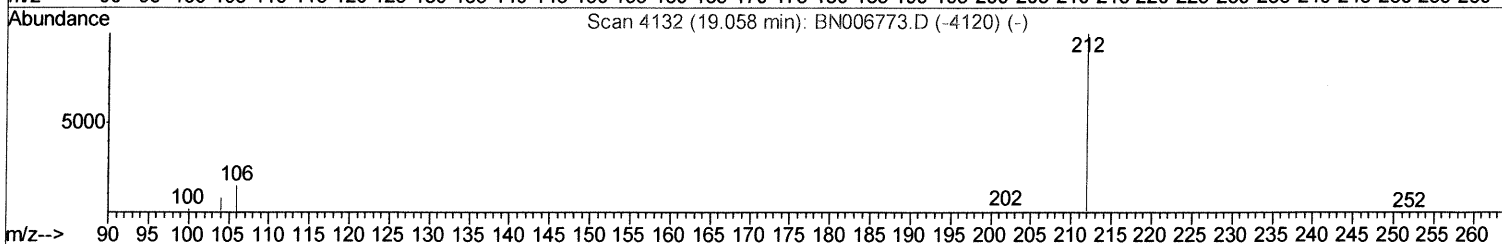
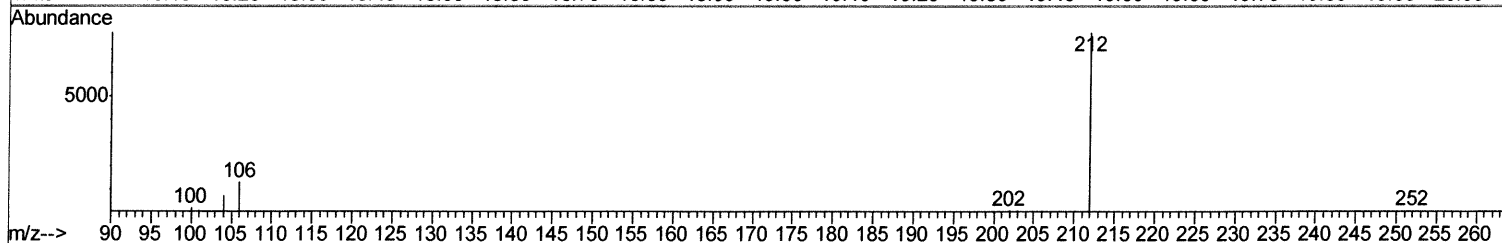
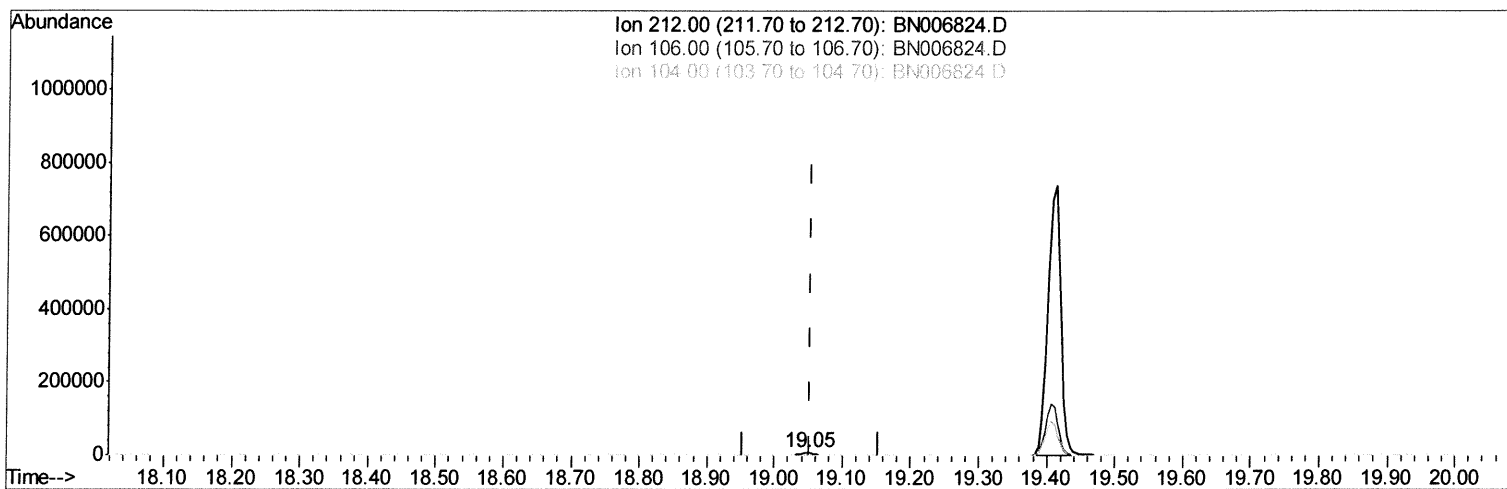
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006824.D
Acq On : 12 Jul 2019 09:22
Operator : HP/JU
Sample : K3717-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4A3

Manual Integrations
APPROVED

mohammad
7/12/2019 10:28:08 PM

Quant Time: Jul 12 14:55:50 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 12 06:39:20 2019
Response via : Initial Calibration



TIC: BN006824.D

(14) Fluoranthene-d10 (SURR)

19.048min (-0.005) 0.33ng/ul m

JU
07/15/19

response 10563

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)

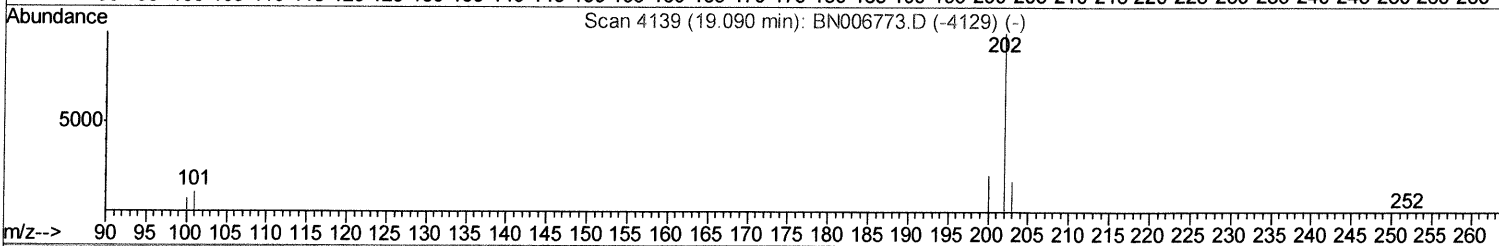
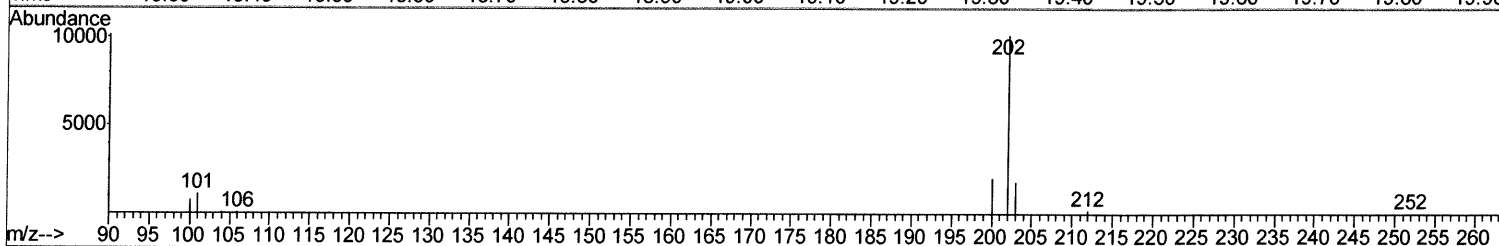
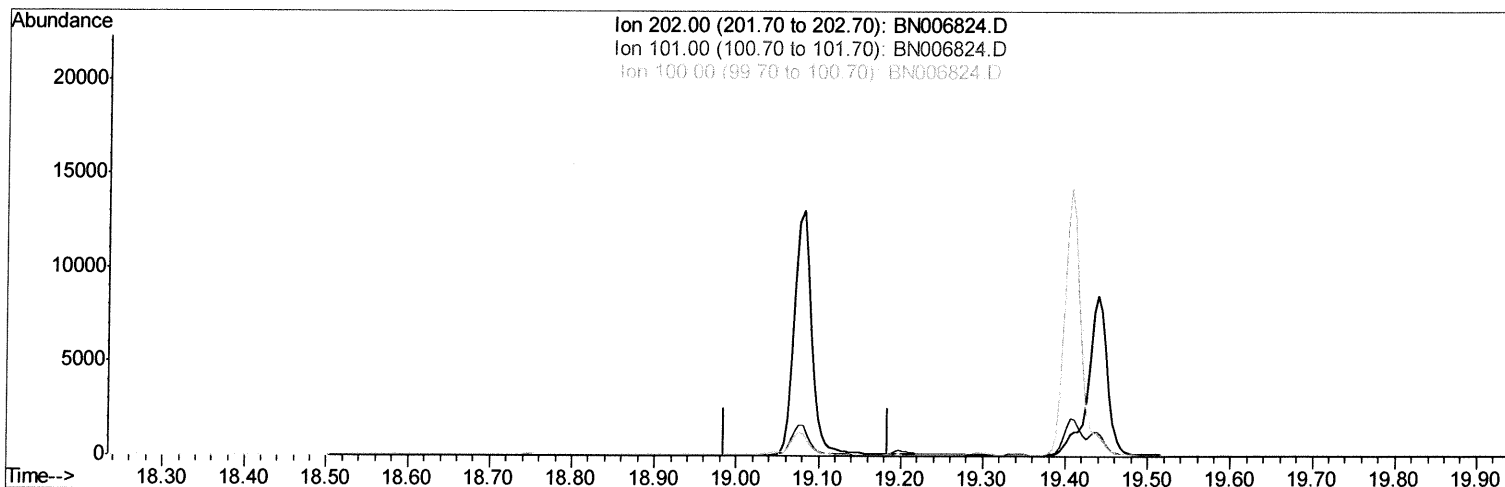
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
 Data File : BN006824.D
 Acq On : 12 Jul 2019 09:22
 Operator : HP/JU
 Sample : K3717-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BF4A3

Manual Integrations
 APPROVED

mohammad
 7/12/2019 10:28:08 PM

Quant Time: Jul 12 14:55:50 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 12 06:39:20 2019
 Response via : Initial Calibration



TIC: BN006824.D

(15) Fluoranthene (C)

19.086min (-19.086) 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)

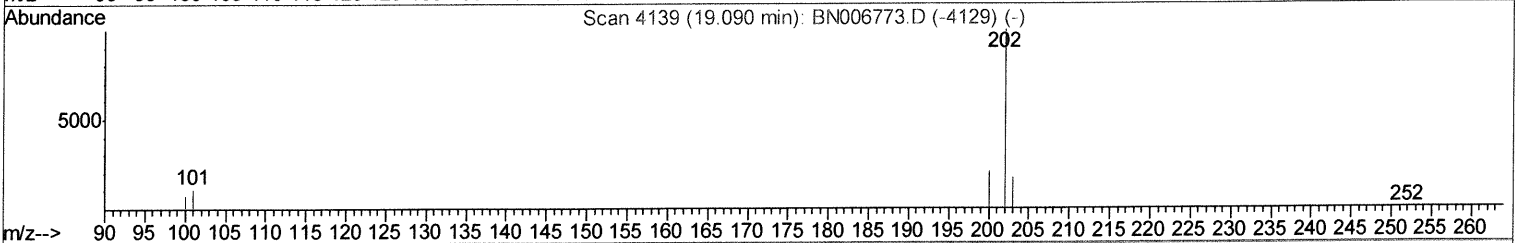
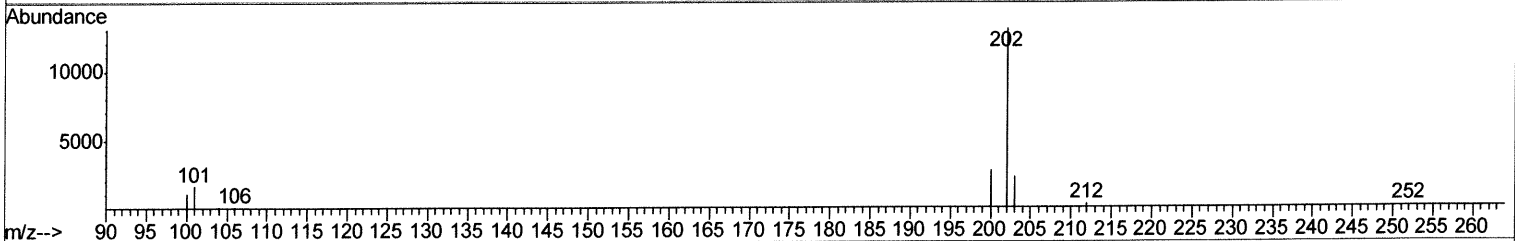
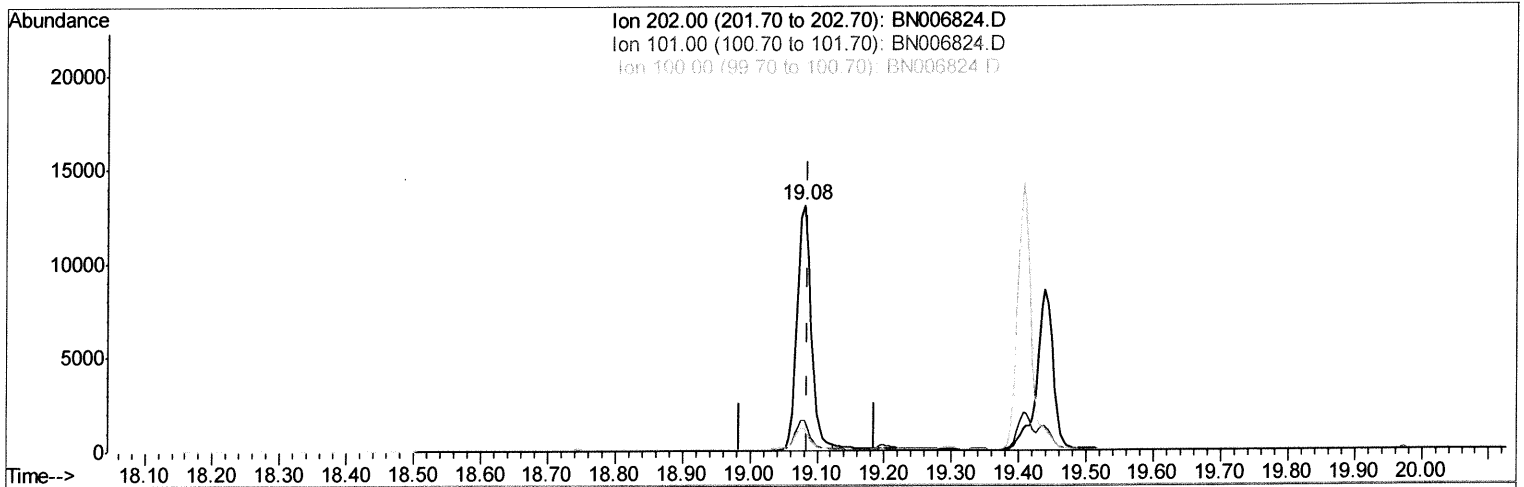
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
 Data File : BN006824.D
 Acq On : 12 Jul 2019 09:22
 Operator : HP/JU
 Sample : K3717-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BF4A3

Manual Integrations
 APPROVED

mohammad
 7/12/2019 10:28:08 PM

Quant Time: Jul 12 14:55:50 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 12 06:39:20 2019
 Response via : Initial Calibration



TIC: BN006824.D

(15) Fluoranthene (C)

19.081min (-0.005) 0.43ng/ul m

JU
 07/15/19

response 18980

Ion	Exp%	Act%
202.00	100	100
101.00	13.20	12.41
100.00	9.90	8.77
0.00	0.00	0.00

Quantitation Report (Qedit)

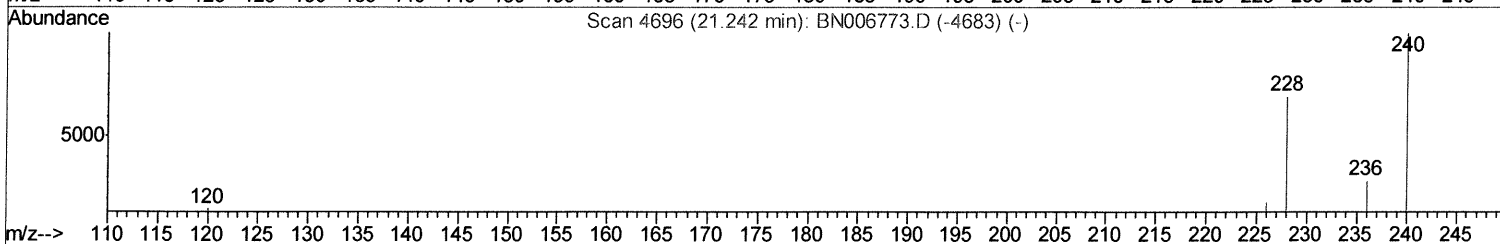
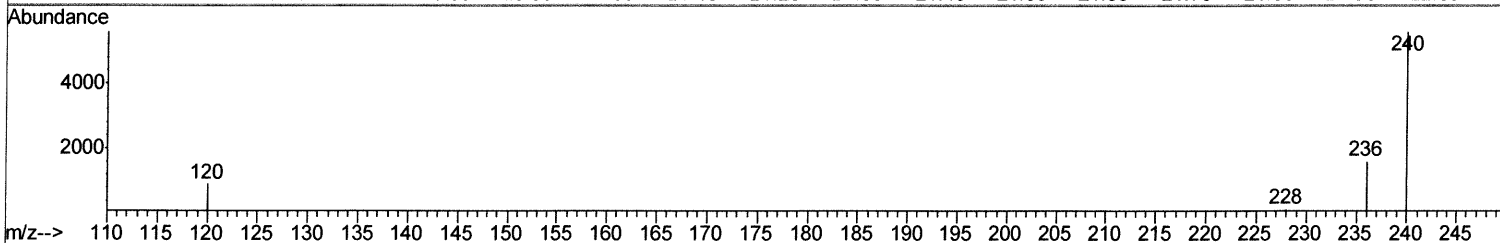
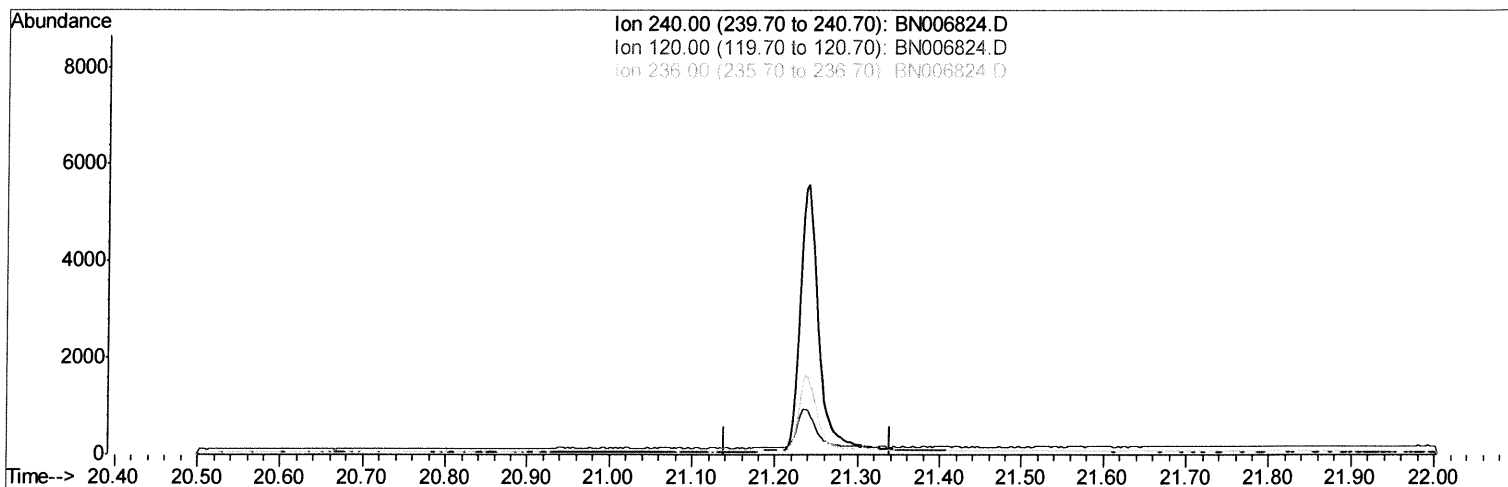
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
 Data File : BN006824.D
 Acq On : 12 Jul 2019 09:22
 Operator : HP/JU
 Sample : K3717-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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Quant Time: Jul 12 14:55:50 2019
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TIC: BN006824.D

(16) Chrysene-d12 (I)

21.239min (-21.239) 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)

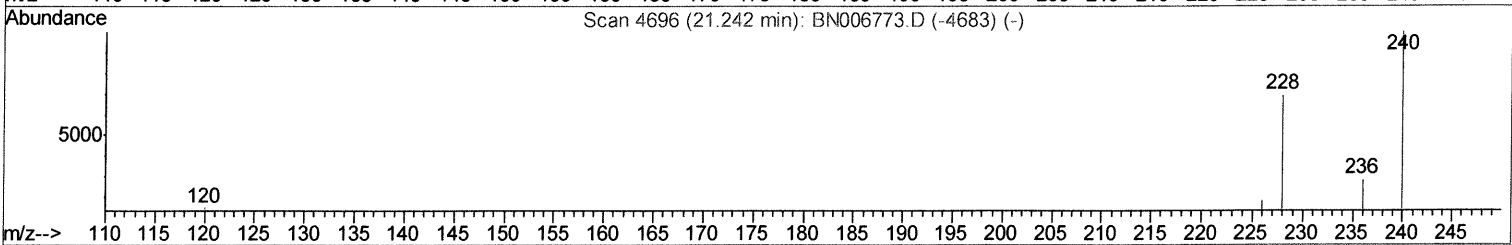
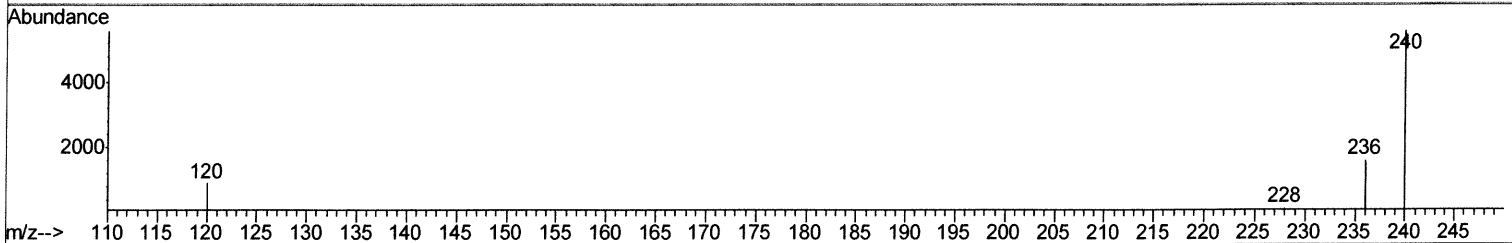
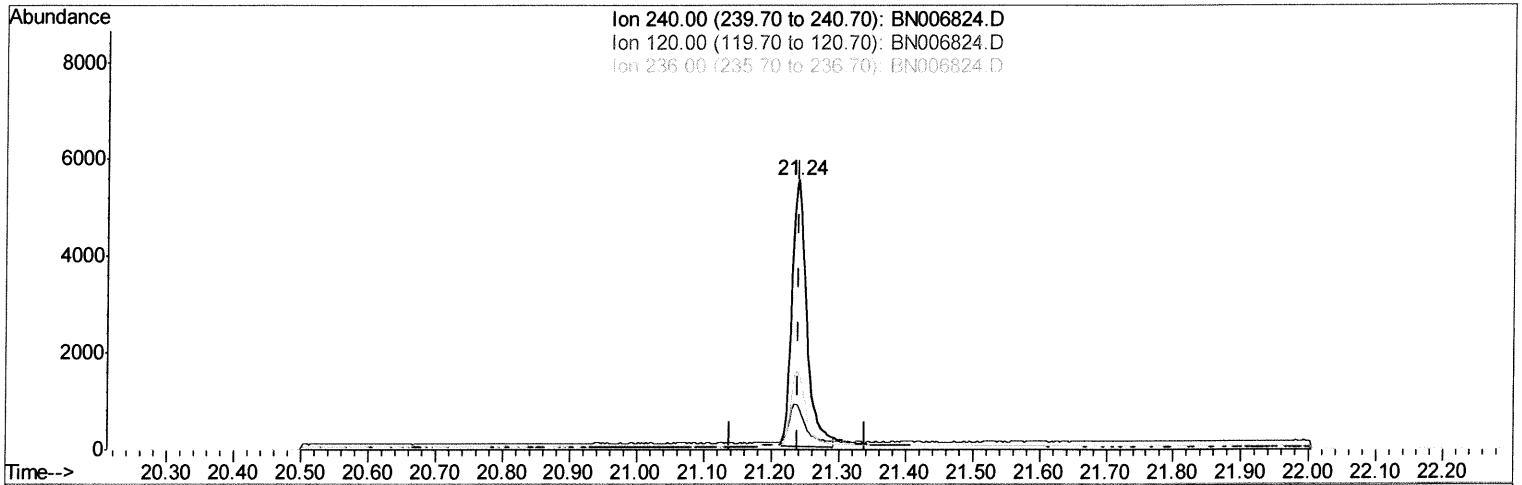
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
 Data File : BN006824.D
 Acq On : 12 Jul 2019 09:22
 Operator : HP/JU
 Sample : K3717-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4A3

Manual Integrations
 APPROVED

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Quant Time: Jul 12 14:55:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
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 Response via : Initial Calibration



TIC: BN006824.D

(16) Chrysene-d12 (I)

21.239min (-0.000) 0.40ng/ul m *JU 07/15/19*

response 8404

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.16
236.00	30.00	28.78
0.00	0.00	0.00

Quantitation Report (Qedit)

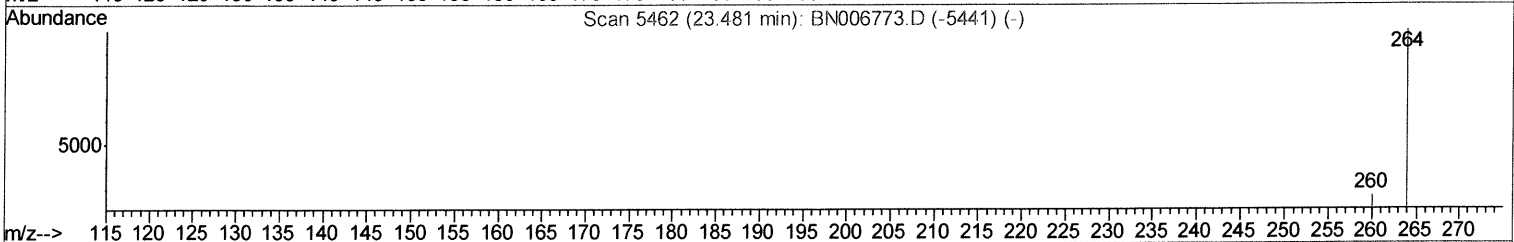
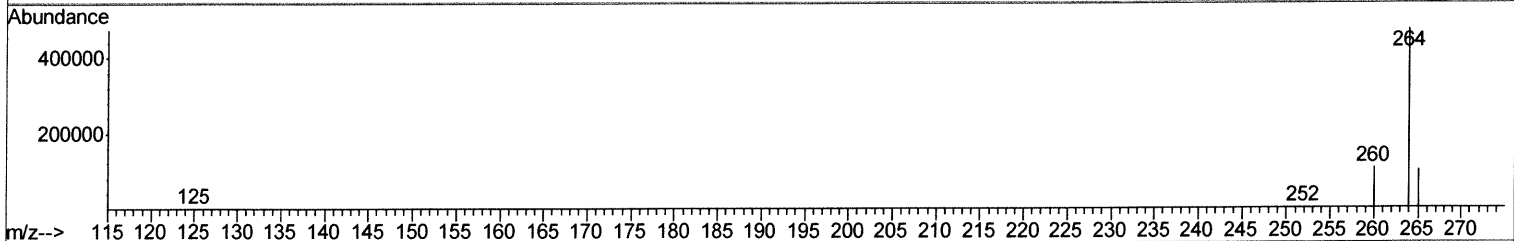
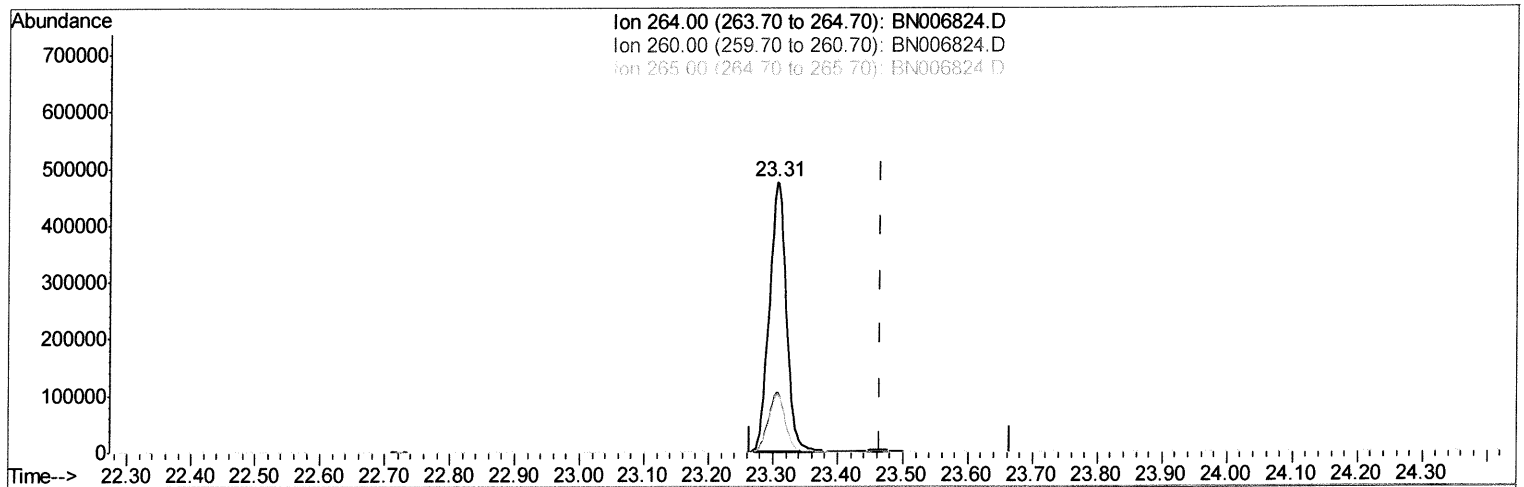
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006824.D
Acq On : 12 Jul 2019 09:22
Operator : HP/JU
Sample : K3717-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4A3

Manual Integrations
APPROVED

mohammad
7/12/2019 10:28:08 PM

Quant Time: Jul 12 14:57:47 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 12 06:39:20 2019
Response via : Initial Calibration



TIC: BN006824.D

(20) Perylene-d12 (I)

23.305min (-0.161) 0.40ng/ul

response 866502

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.43
265.00	36.10	21.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

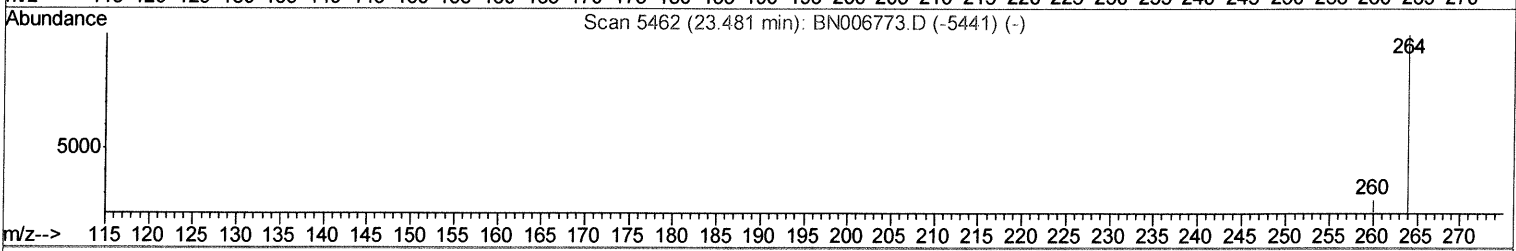
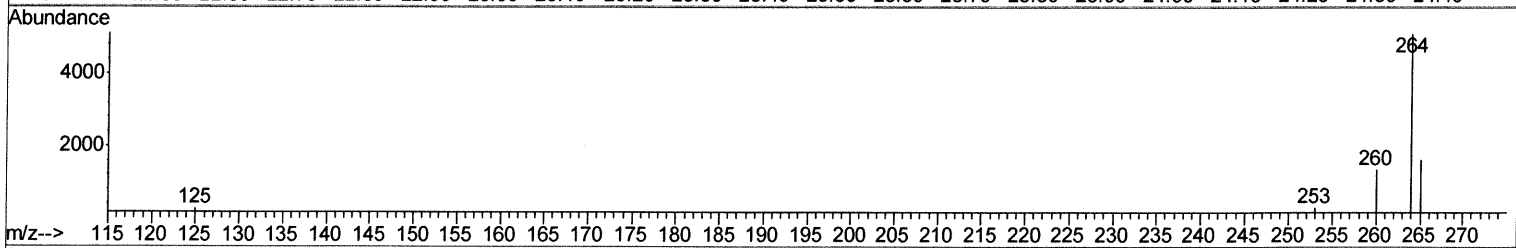
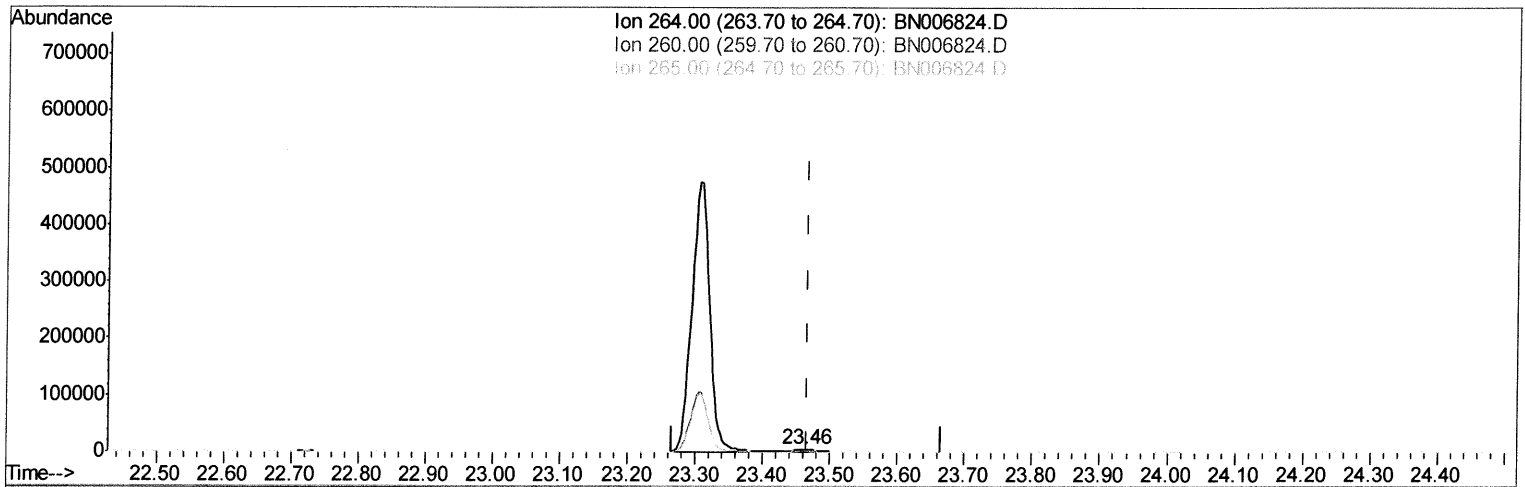
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
 Data File : BN006824.D
 Acq On : 12 Jul 2019 09:22
 Operator : HP/JU
 Sample : K3717-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BF4A3

Manual Integrations
 APPROVED

mohammad
 7/12/2019 10:28:08 PM

Quant Time: Jul 12 14:57:47 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 12 06:39:20 2019
 Response via : Initial Calibration



TIC: BN006824.D

(20) Perylene-d12 (I)

23.463min (-0.003) 0.40ng/ul m *JU 07/15/19*

response 7450

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.30
265.00	36.10	31.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
 Data File : BN006824.D
 Acq On : 12 Jul 2019 09:22
 Operator : HP/JU
 Sample : K3717-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF4A3

Manual Integrations
 APPROVED

mohammad
 7/12/2019 10:28:08 PM

Quant Time: Jul 12 14:58:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2480	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	9115	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	4759	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11008m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	8404m >	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	7450m >	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3987	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	10563m	0.33	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.43	128	1019	0.039	ng/ul#	1
13) Anthracene	17.13	178	7341m >	0.240	ng/ul	
15) Fluoranthene	19.08	202	18980m >	0.434	ng/ul	
17) Pyrene	19.44	202	14127	0.368	ng/ul	98

Ju 07/15/19

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