

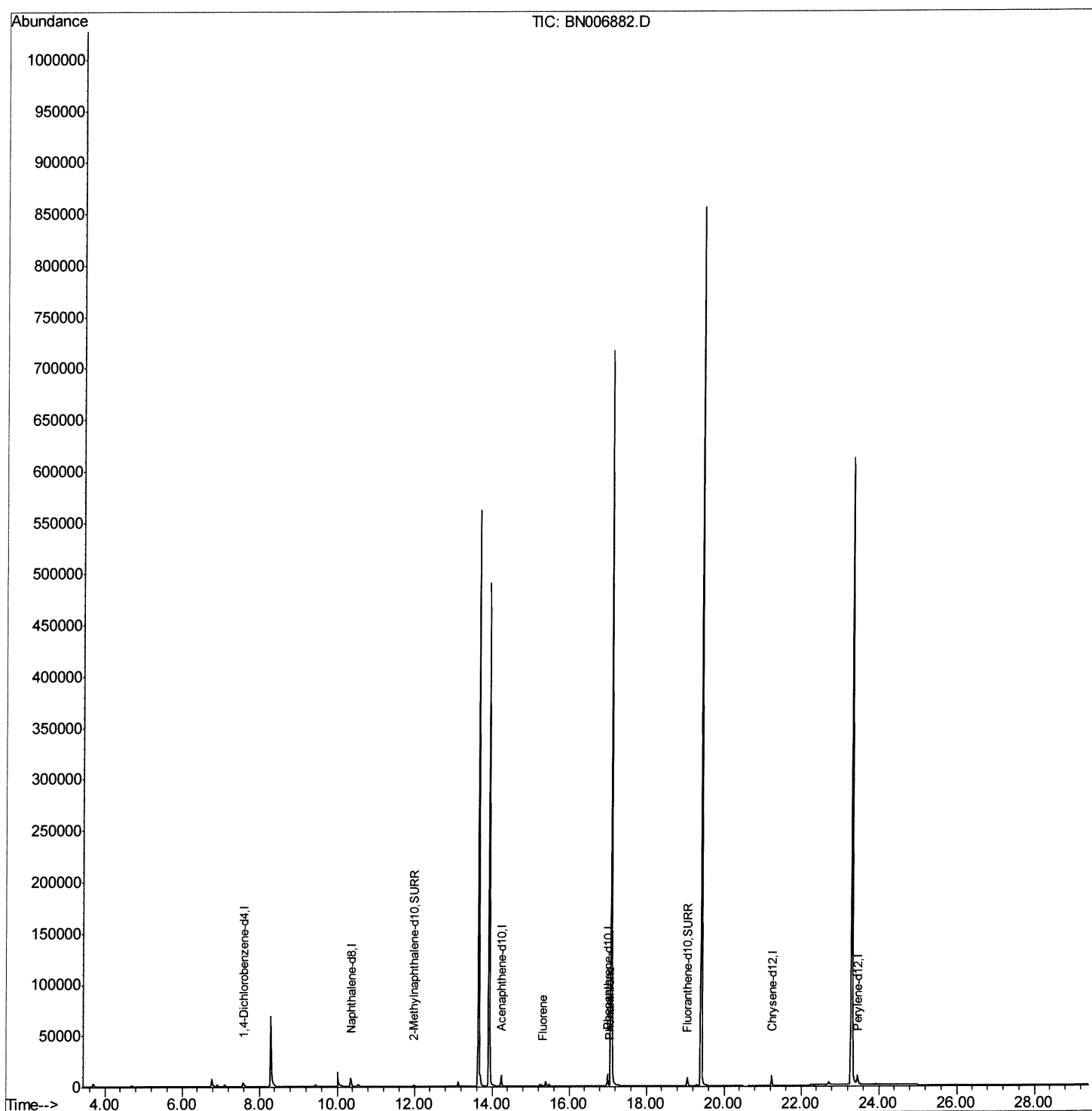
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
Data File : BN006882.D
Acq On : 17 Jul 2019 20:41
Operator : HP/JU
Sample : K3772-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52S0

Manual Integrations
APPROVED

Sohil
7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:54:41 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)

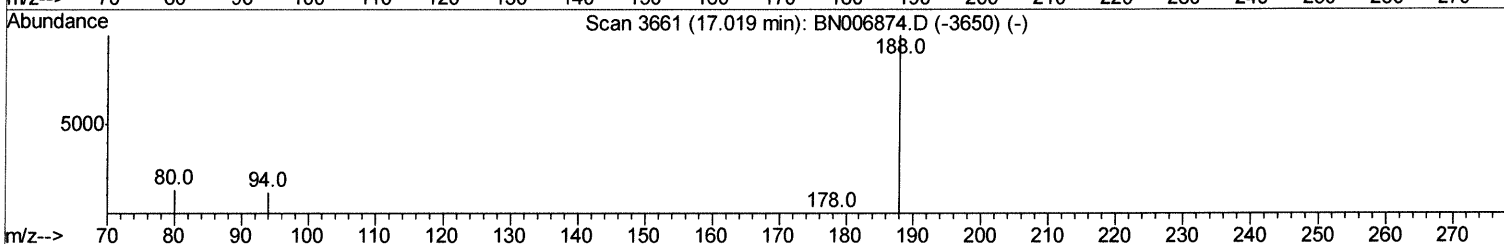
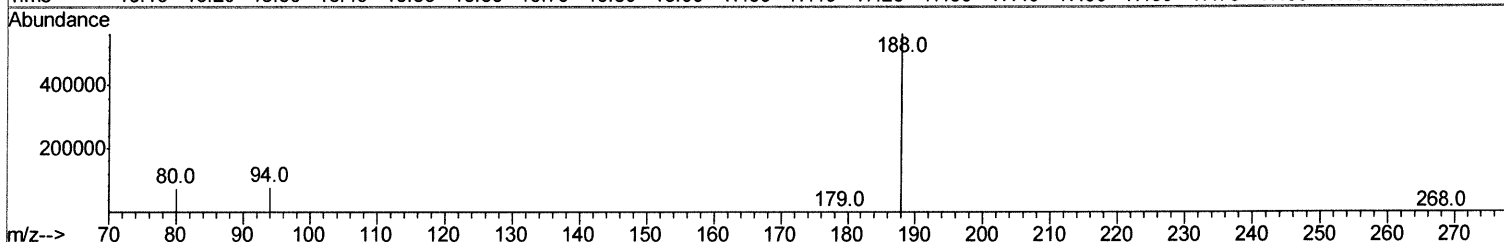
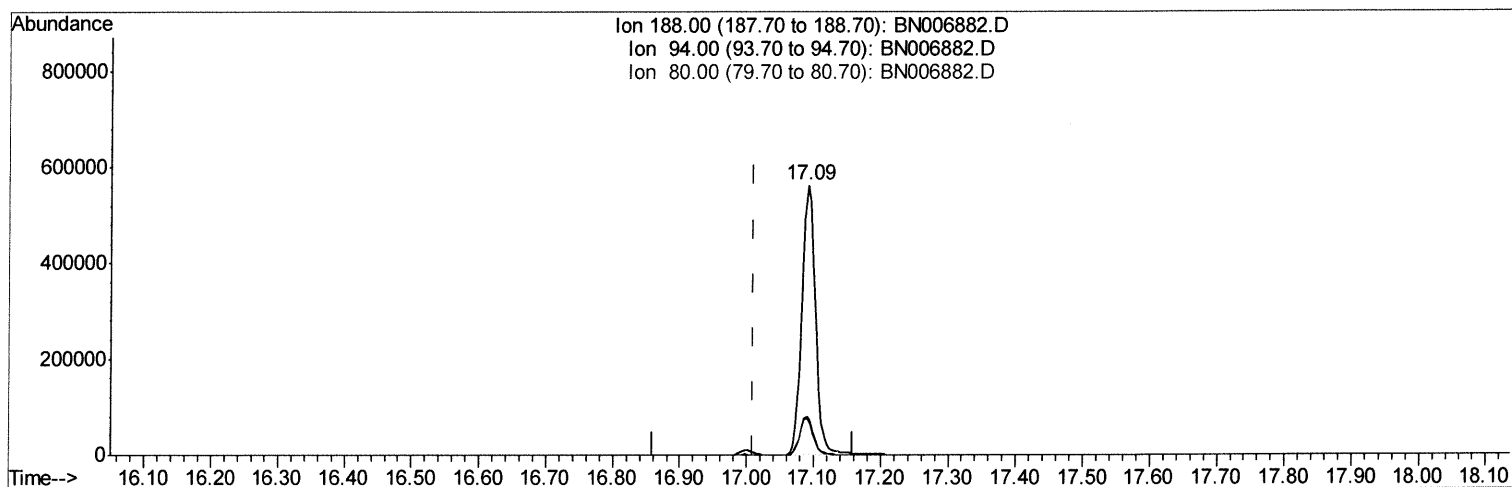
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
Data File : BN006882.D
Acq On : 17 Jul 2019 20:41
Operator : HP/JU
Sample : K3772-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52S0

Manual Integrations
APPROVED

Sohil
7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:08:44 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: BN006882.D

(10) Phenanthrene-d10 (I)

17.090min (+0.080) 0.40ng/ul

response 787227

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.00
80.00	14.80	13.35
0.00	0.00	0.00

Quantitation Report (Qedit)

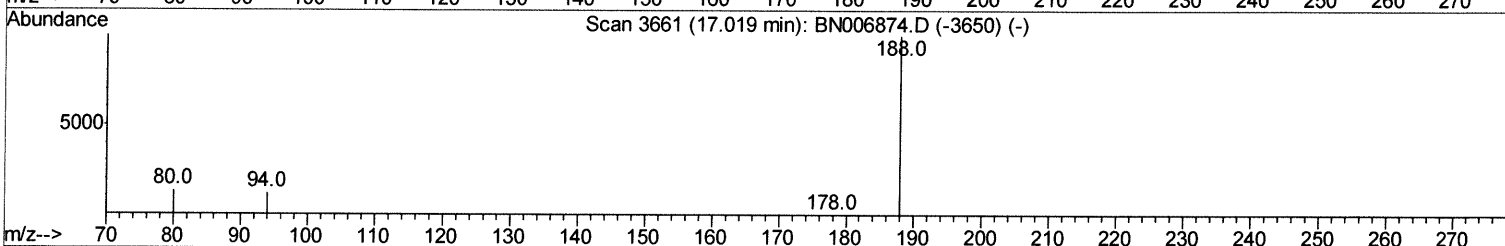
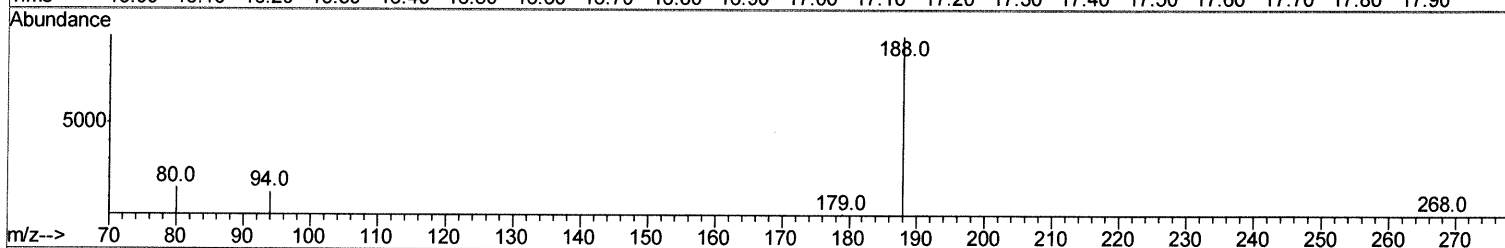
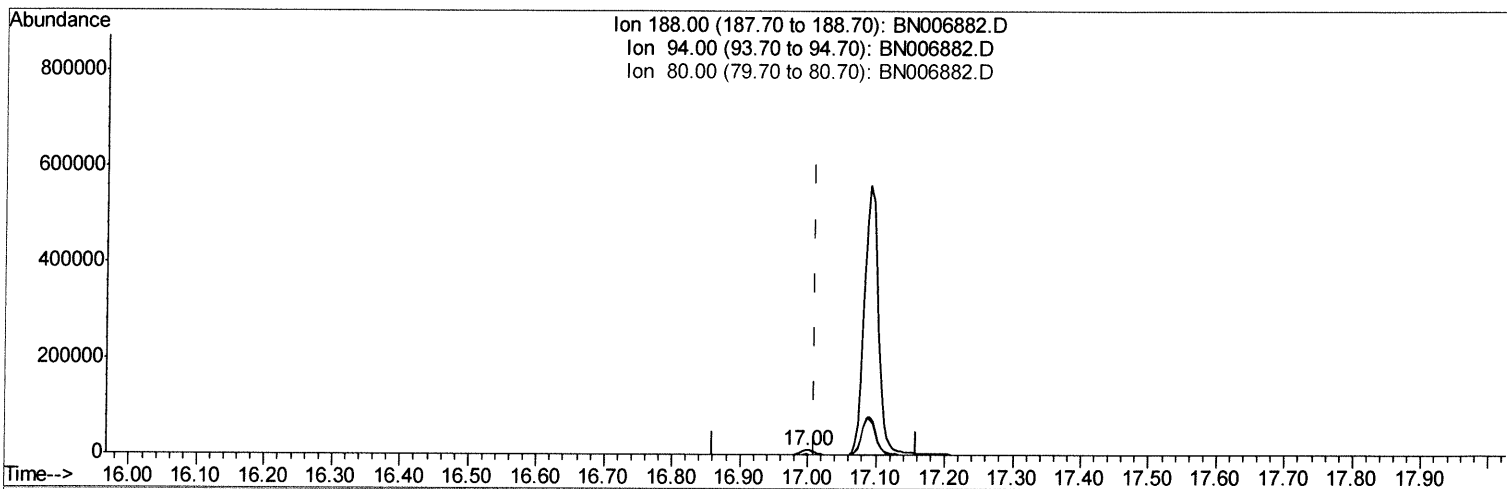
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
 Data File : BN006882.D
 Acq On : 17 Jul 2019 20:41
 Operator : HP/JU
 Sample : K3772-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52S0

Manual Integrations
 APPROVED

Sohil
 7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:08:44 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: BN006882.D

(10) Phenanthrene-d10 (I)

16.997min (-0.013) 0.40ng/ul m *JU 07/18/19*

response 13396

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.95
80.00	14.80	15.18
0.00	0.00	0.00

Quantitation Report (Qedit)

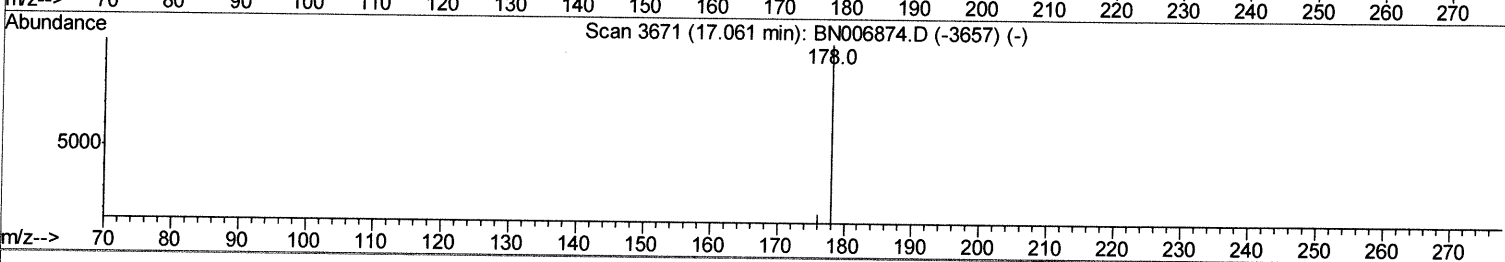
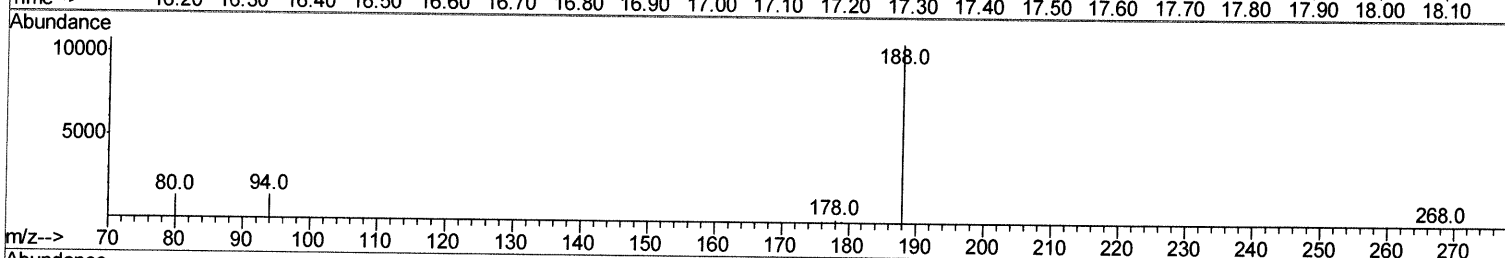
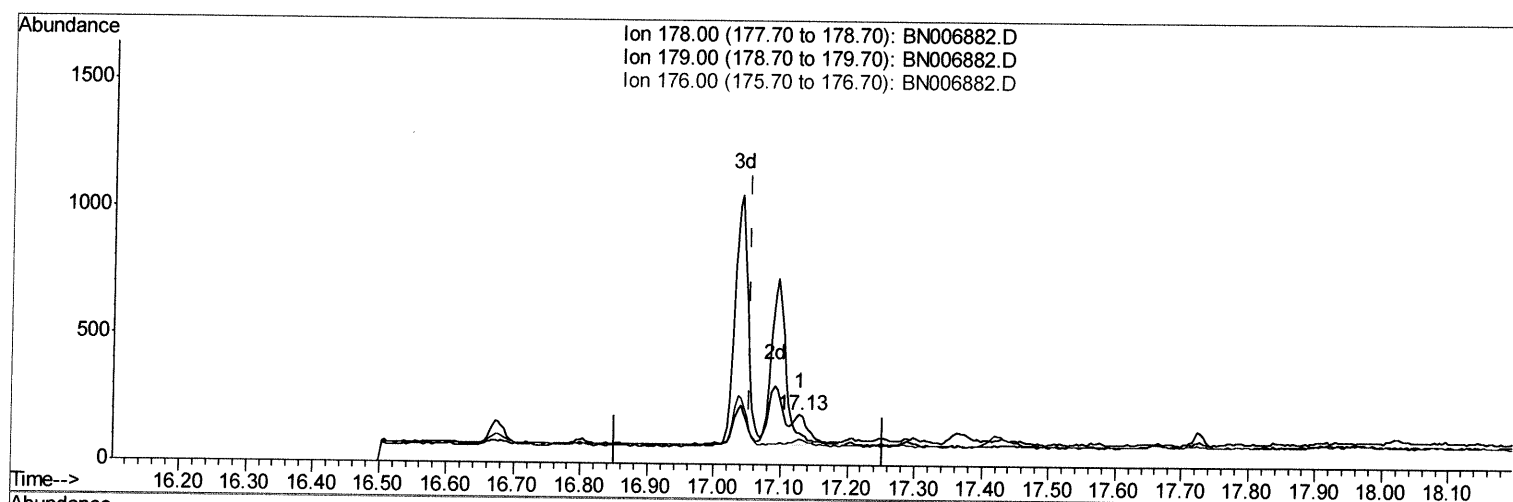
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
Data File : BN006882.D
Acq On : 17 Jul 2019 20:41
Operator : HP/JU
Sample : K3772-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52S0

Manual Integrations
APPROVED

Sohil
7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:51:40 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: BN006882.D

(12) Phenanthrene

17.128min (+0.076) 0.00ng/ul

response 195

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	64.62#
176.00	19.80	51.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

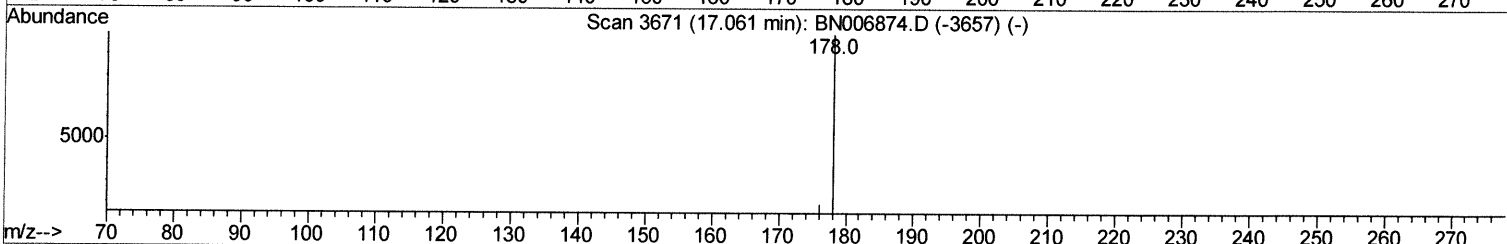
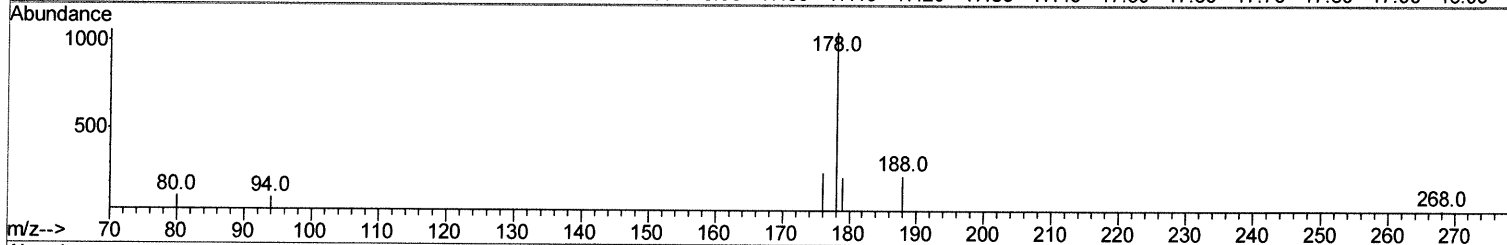
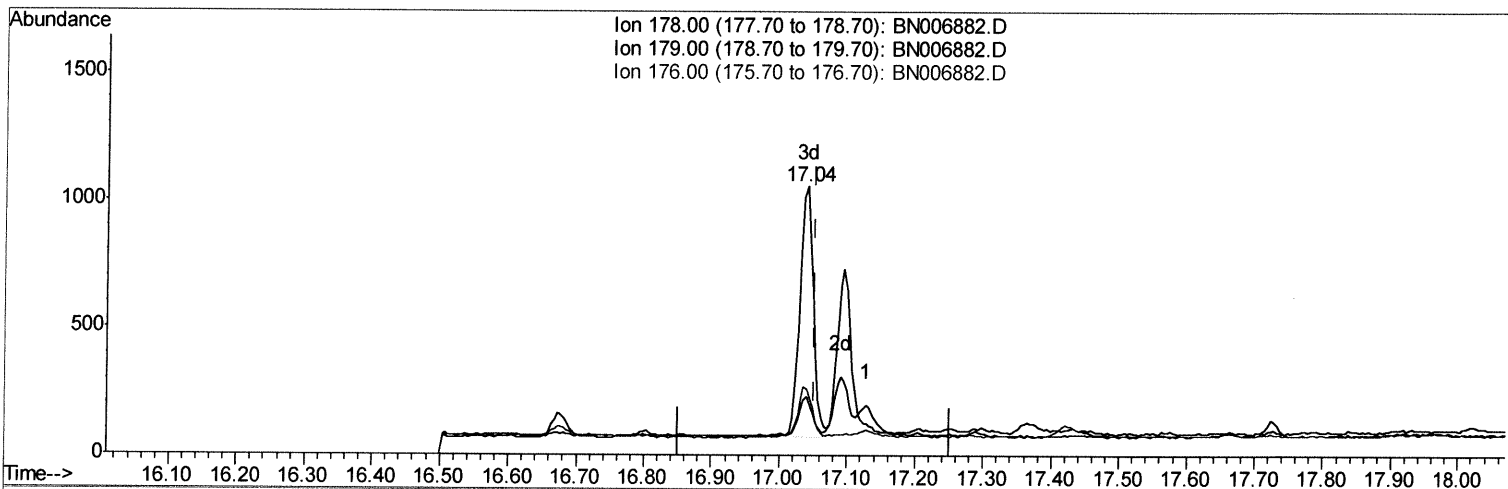
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
 Data File : BN006882.D
 Acq On : 17 Jul 2019 20:41
 Operator : HP/JU
 Sample : K3772-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52S0

Manual Integrations
 APPROVED

Sohil
 7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:51:40 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: BN006882.D

(12) Phenanthrene

17.040min (-0.013) 0.03ng/ul m *JU* 07/18/19

response 1327

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	21.97#
176.00	19.80	24.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

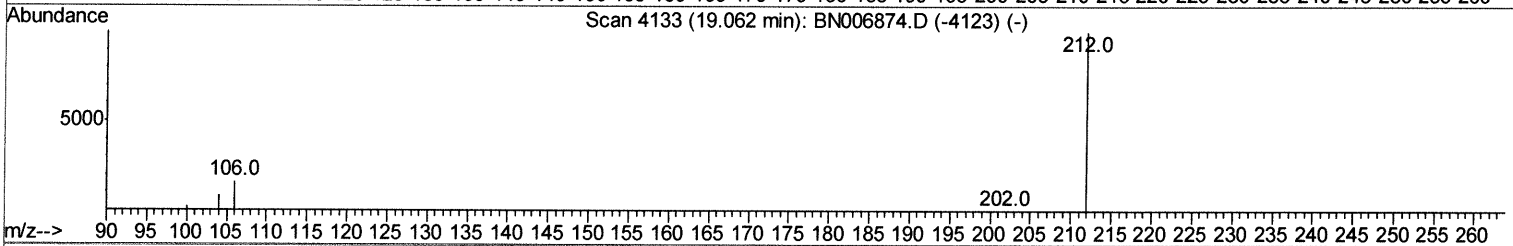
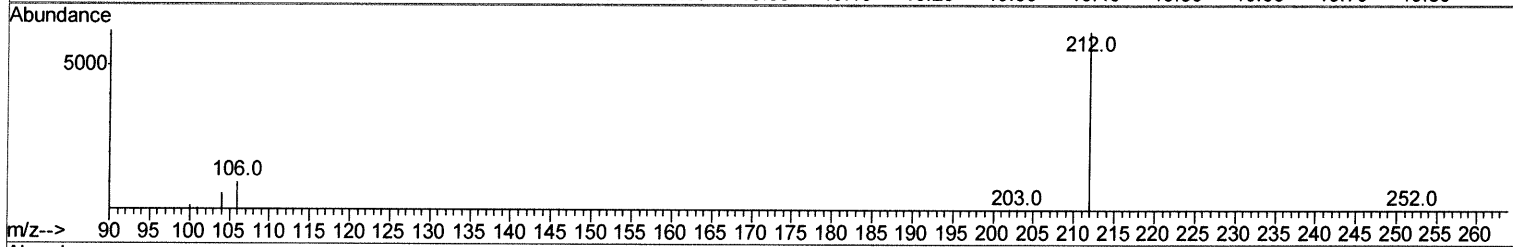
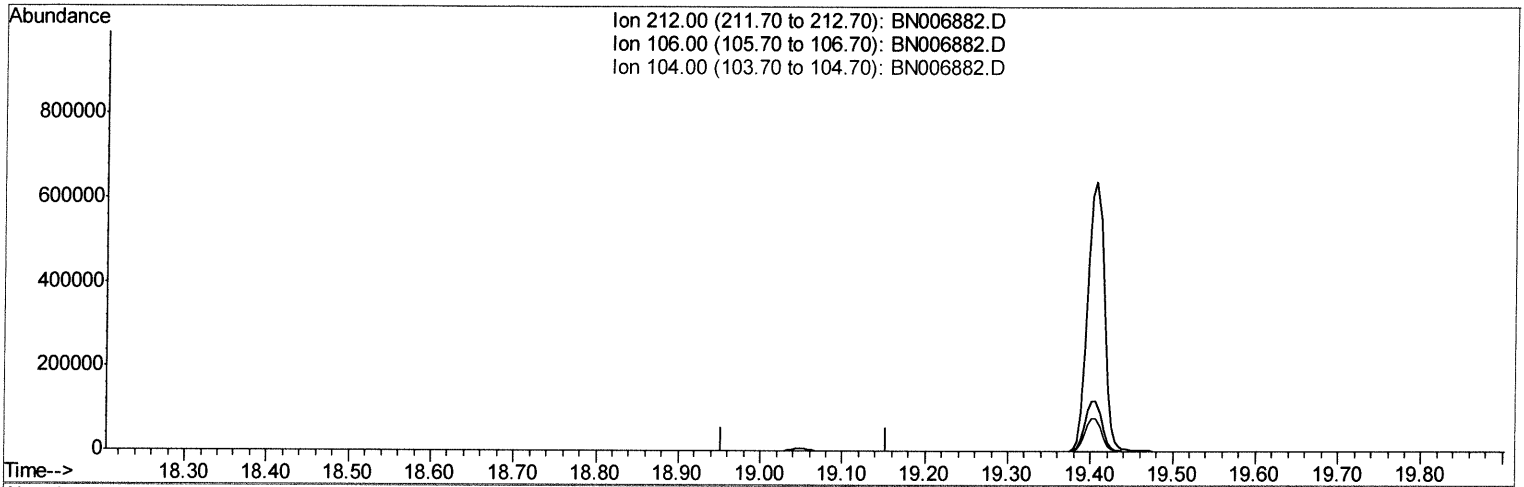
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
 Data File : BN006882.D
 Acq On : 17 Jul 2019 20:41
 Operator : HP/JU
 Sample : K3772-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 A52S0

Manual Integrations
APPROVED

Sohil
 7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:51:40 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: BN006882.D

(14) Fluoranthene-d10 (SURRE)

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)

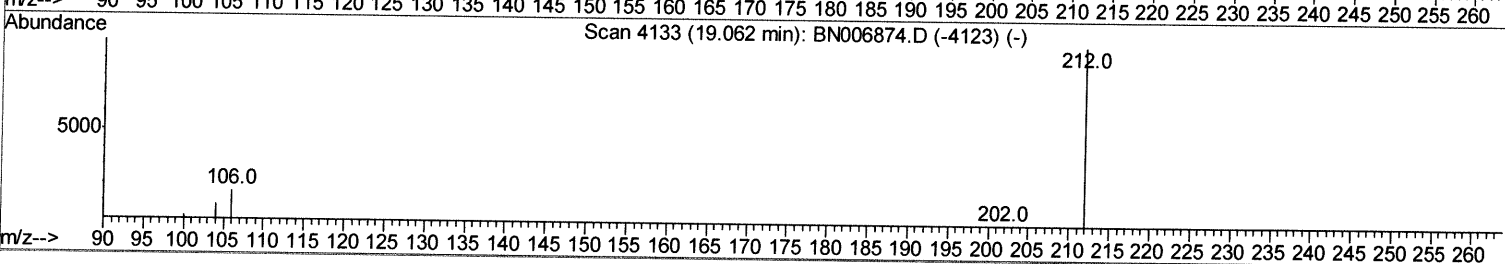
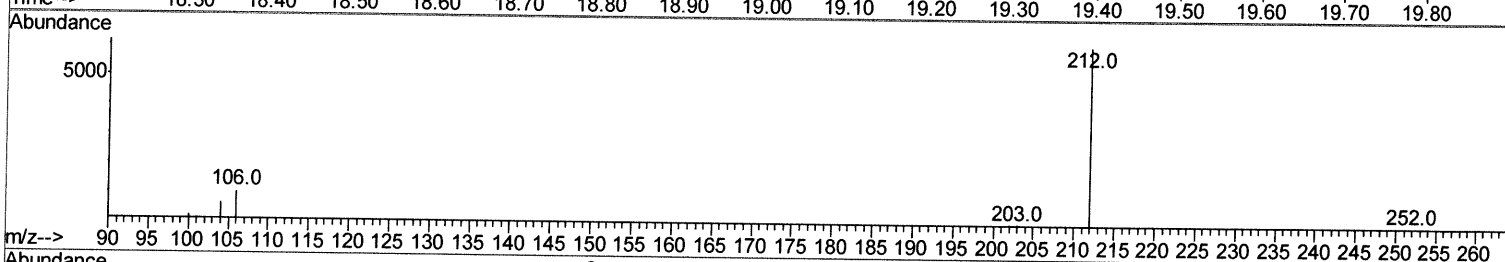
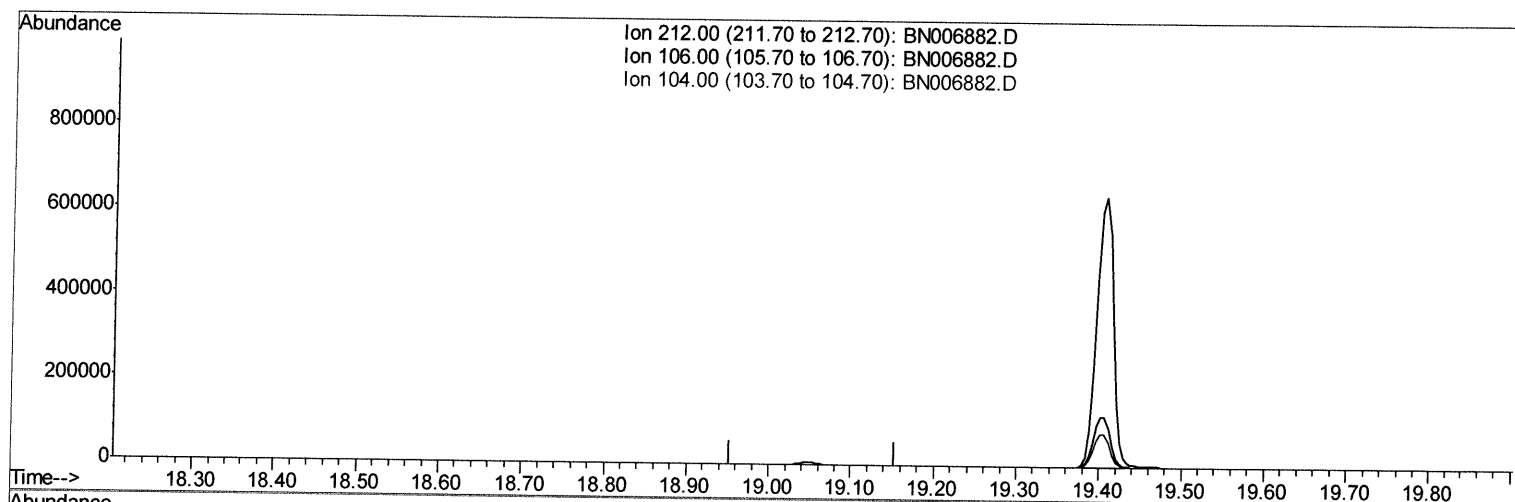
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
Data File : BN006882.D
Acq On : 17 Jul 2019 20:41
Operator : HP/JU
Sample : K3772-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52S0

Manual Integrations
APPROVED

Sohil
7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:51:40 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: BN006882.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)

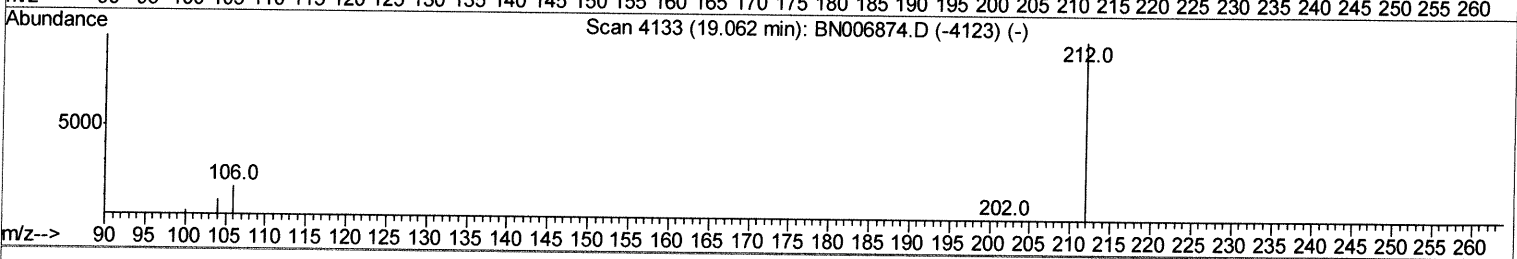
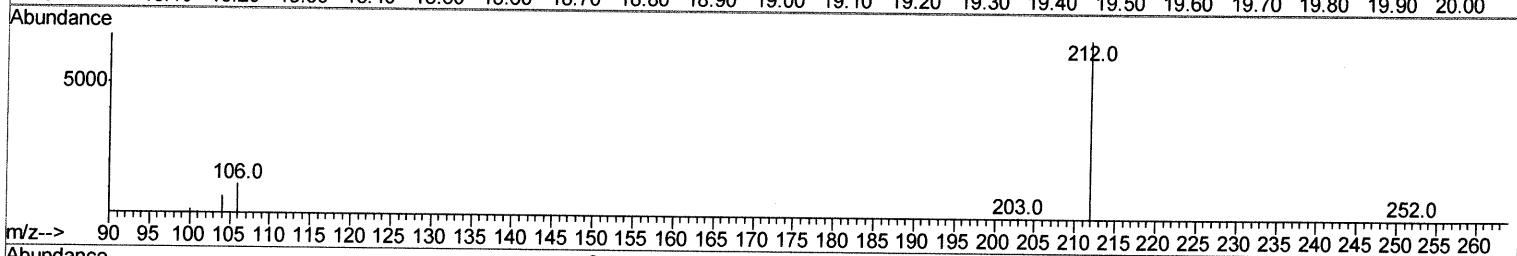
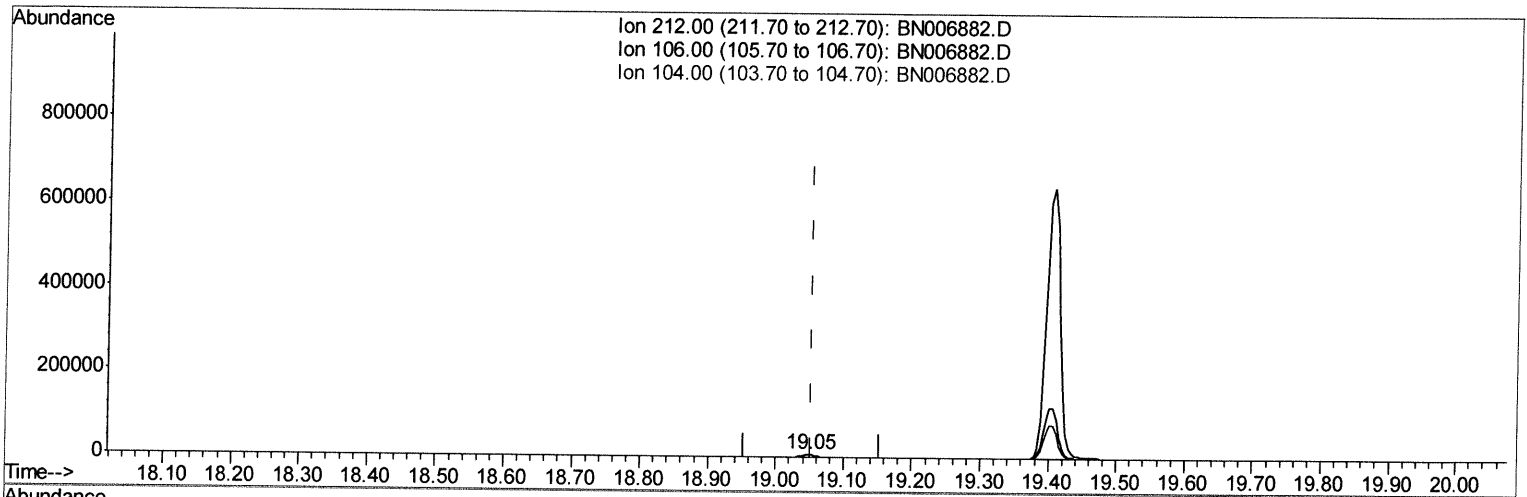
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
 Data File : BN006882.D
 Acq On : 17 Jul 2019 20:41
 Operator : HP/JU
 Sample : K3772-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52S0

Manual Integrations
 APPROVED

Sohil
 7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:51:40 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: BN006882.D

(14) Fluoranthene-d10 (SURR) *JU*
 19.048min (-0.005) 0.25ng/ul m *07/18/19*

response 9674

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)

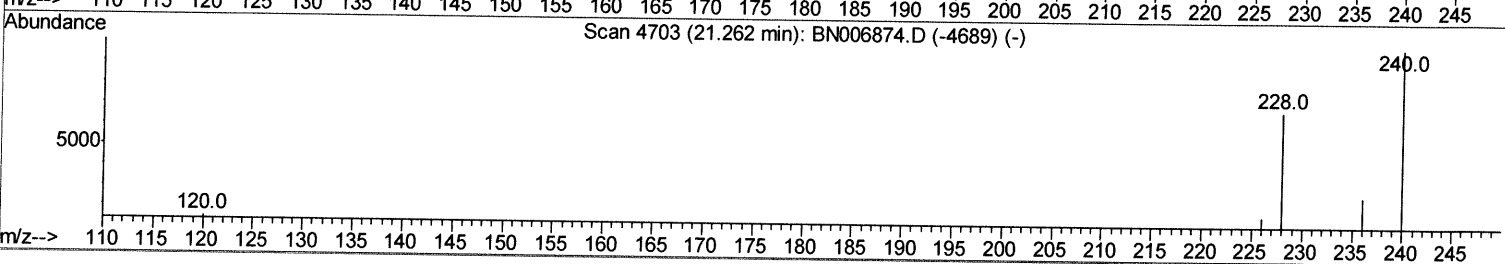
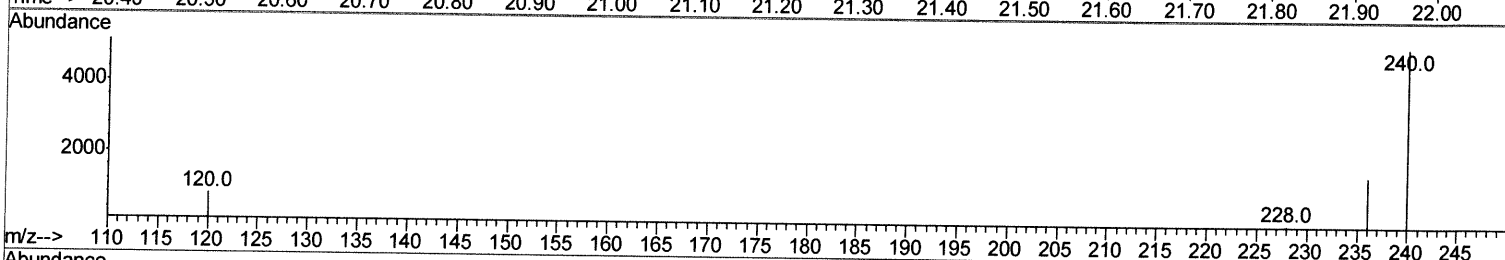
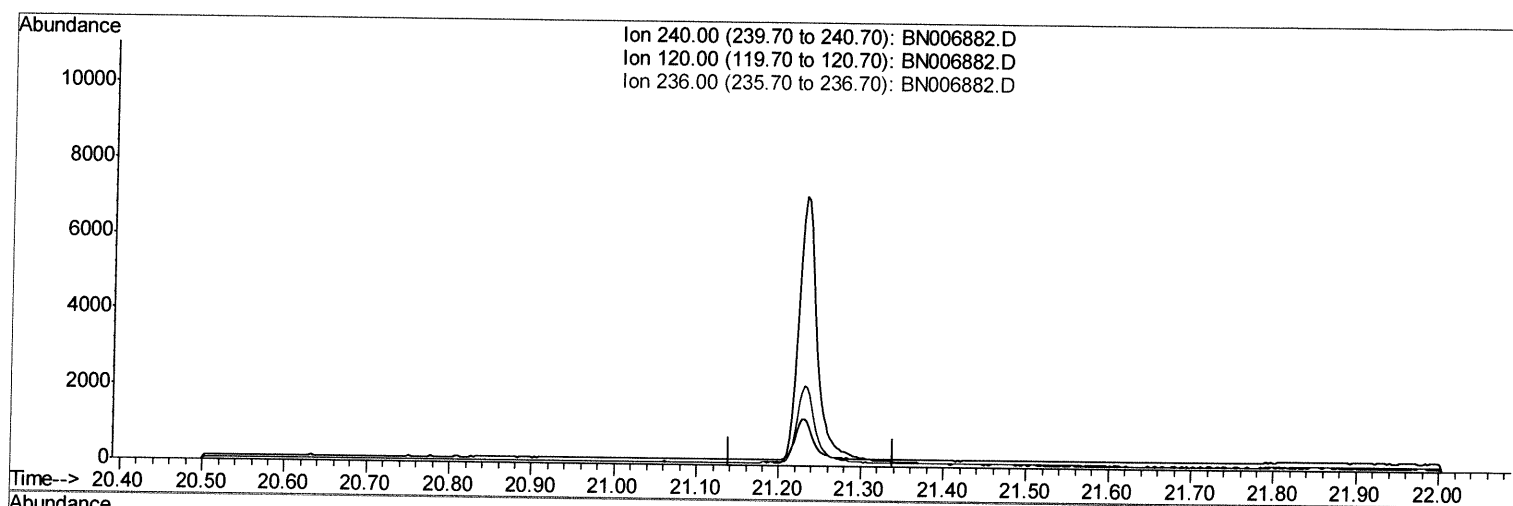
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
Data File : BN006882.D
Acq On : 17 Jul 2019 20:41
Operator : HP/JU
Sample : K3772-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52S0

Manual Integrations
APPROVED

Sohil
7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:52:50 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: BN006882.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)

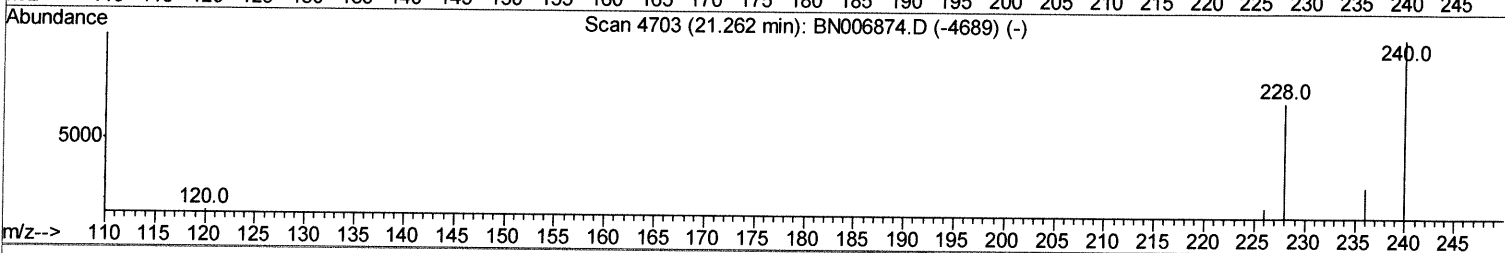
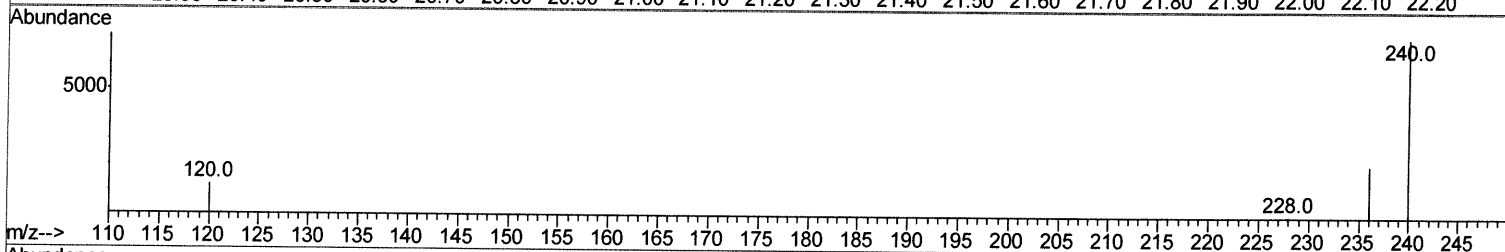
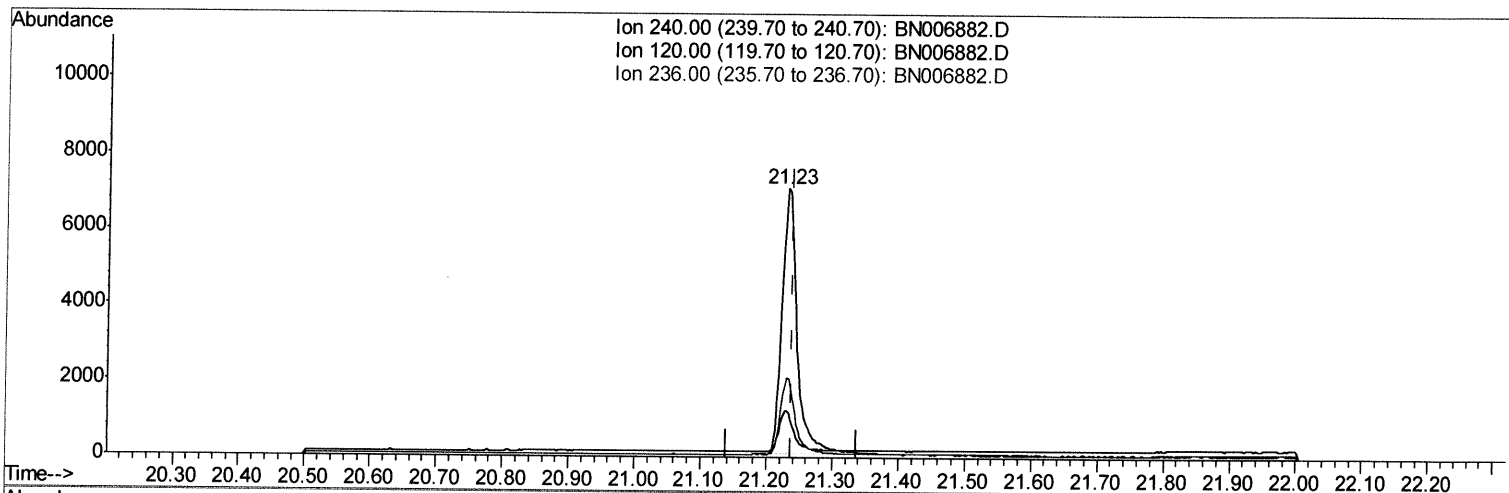
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
 Data File : BN006882.D
 Acq On : 17 Jul 2019 20:41
 Operator : HP/JU
 Sample : K3772-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52S0

Manual Integrations
 APPROVED

Sohil
 7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:52:50 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: BN006882.D

(16) Chrysene-d12 (I)

21.230min (-0.009) 0.40ng/ul m *JU 07/18/19*

response 11201

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	17.47
236.00	30.00	29.62
0.00	0.00	0.00

Quantitation Report (Qedit)

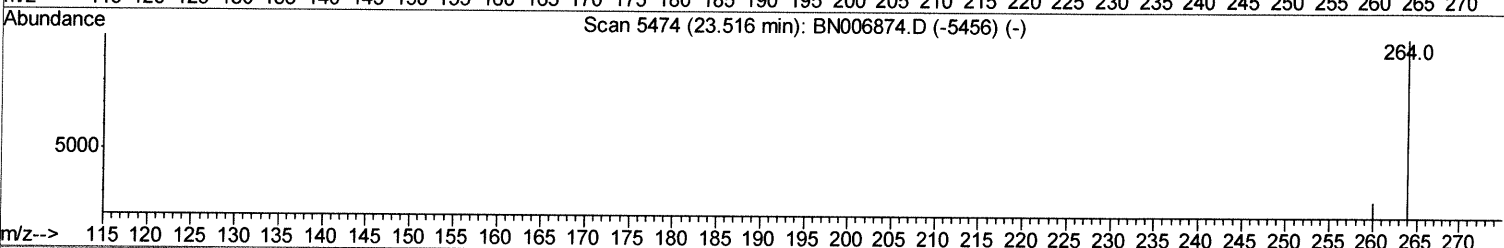
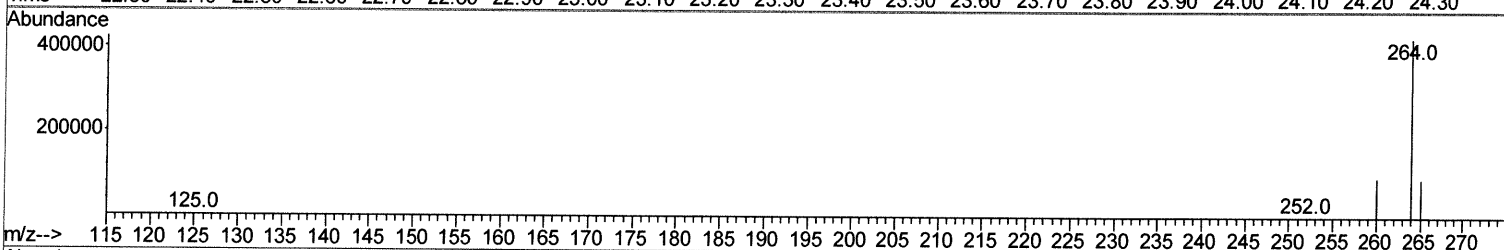
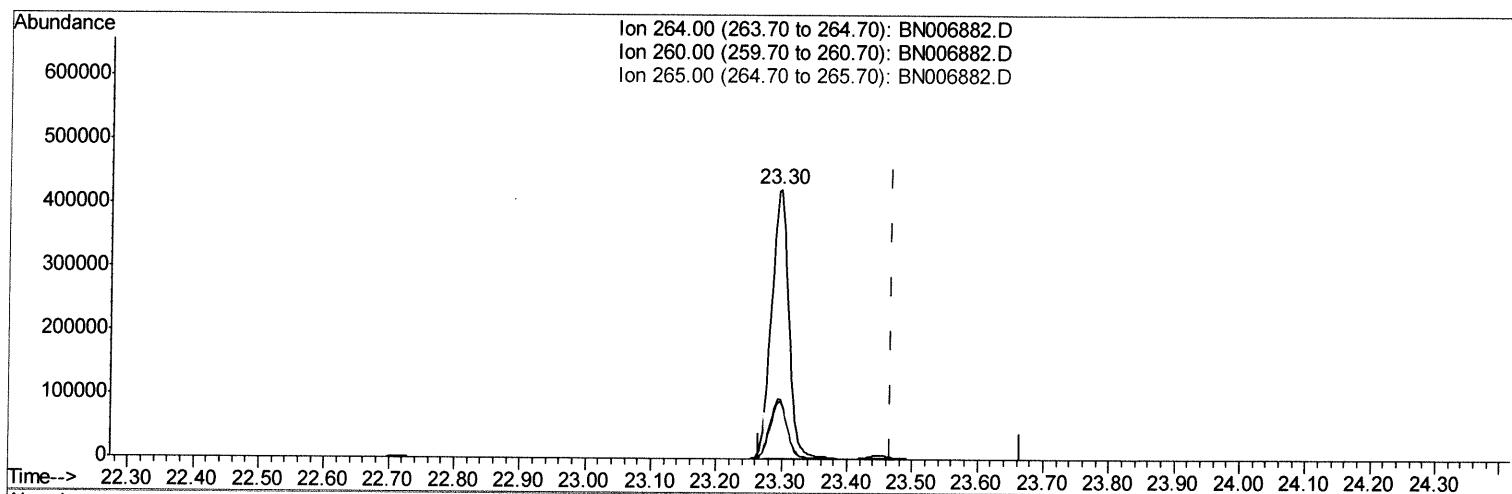
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
 Data File : BN006882.D
 Acq On : 17 Jul 2019 20:41
 Operator : HP/JU
 Sample : K3772-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52S0

Manual Integrations
 APPROVED

Sohil
 7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:53:44 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: BN006882.D

(20) Perylene-d12 (I)

23.296min (-0.170) 0.40ng/ul

response 753205

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.31
265.00	36.10	21.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

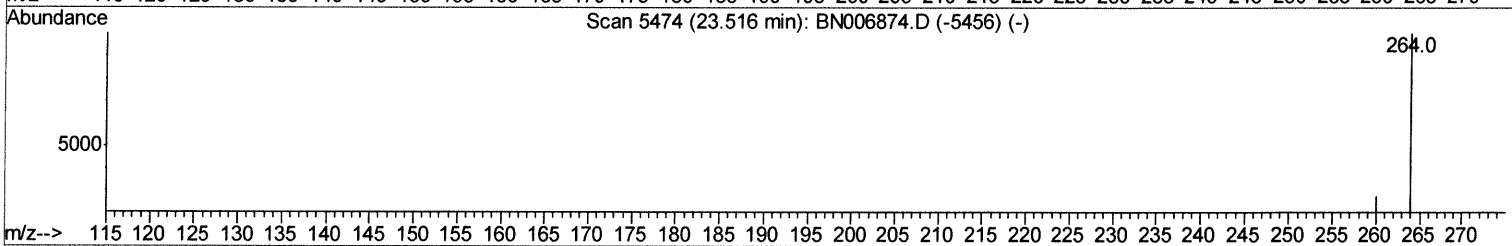
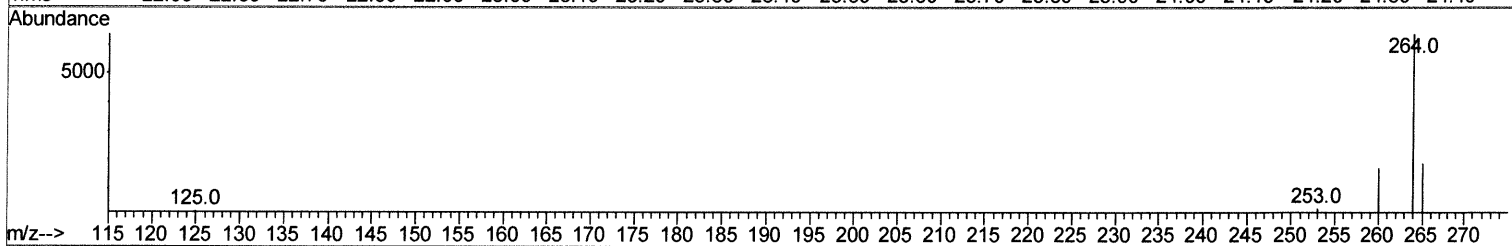
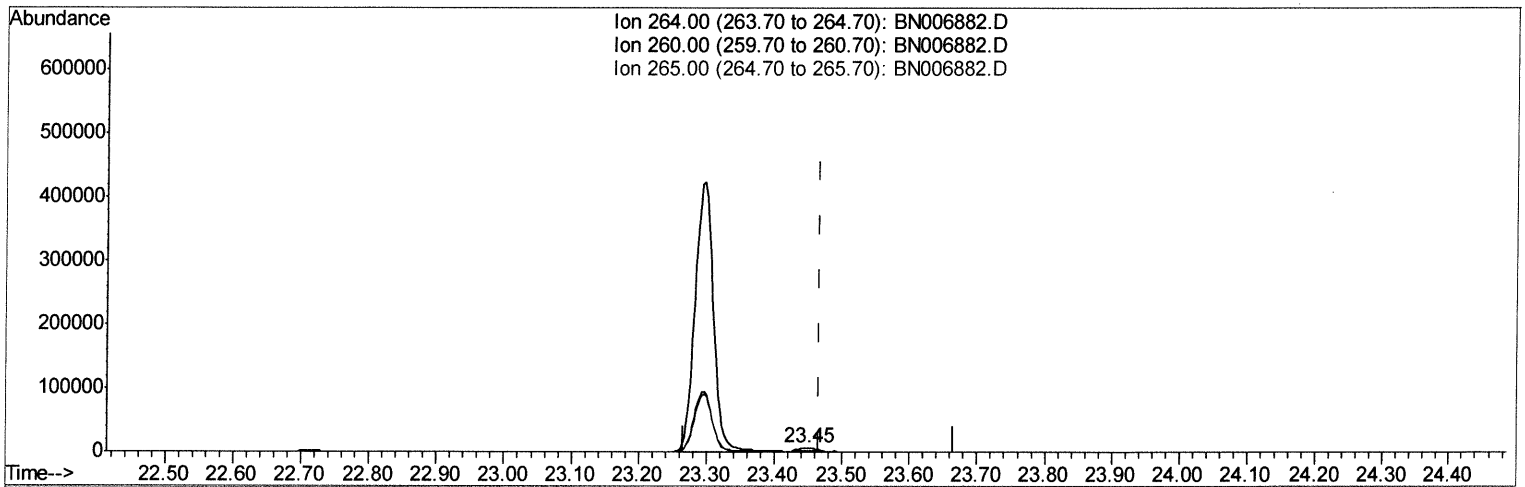
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
Data File : BN006882.D
Acq On : 17 Jul 2019 20:41
Operator : HP/JU
Sample : K3772-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A52S0

Manual Integrations
APPROVED

Sohil
7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:53:44 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: BN006882.D

(20) Perylene-d12 (I)

23.448min (-0.018) 0.40ng/ul m

Ju
07/18/19

response 9437

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	27.09
265.00	36.10	29.69
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071719\
 Data File : BN006882.D
 Acq On : 17 Jul 2019 20:41
 Operator : HP/JU
 Sample : K3772-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52S0

Manual Integrations
 APPROVED

Sohil
 7/18/2019 11:54:06 AM

Quant Time: Jul 18 01:54:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3424	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	12322	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	6252	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	13396m>	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	11201m>	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	9437m>	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3452	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	9674m>	0.25	ng/ul	0.00
Target Compounds						
9) Fluorene	15.30	166	792	0.029	ng/ul#	Ovalue 95
12) Phenanthrene	17.04	178	1327m>	0.031	ng/ul	

JO 07/18/19

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