

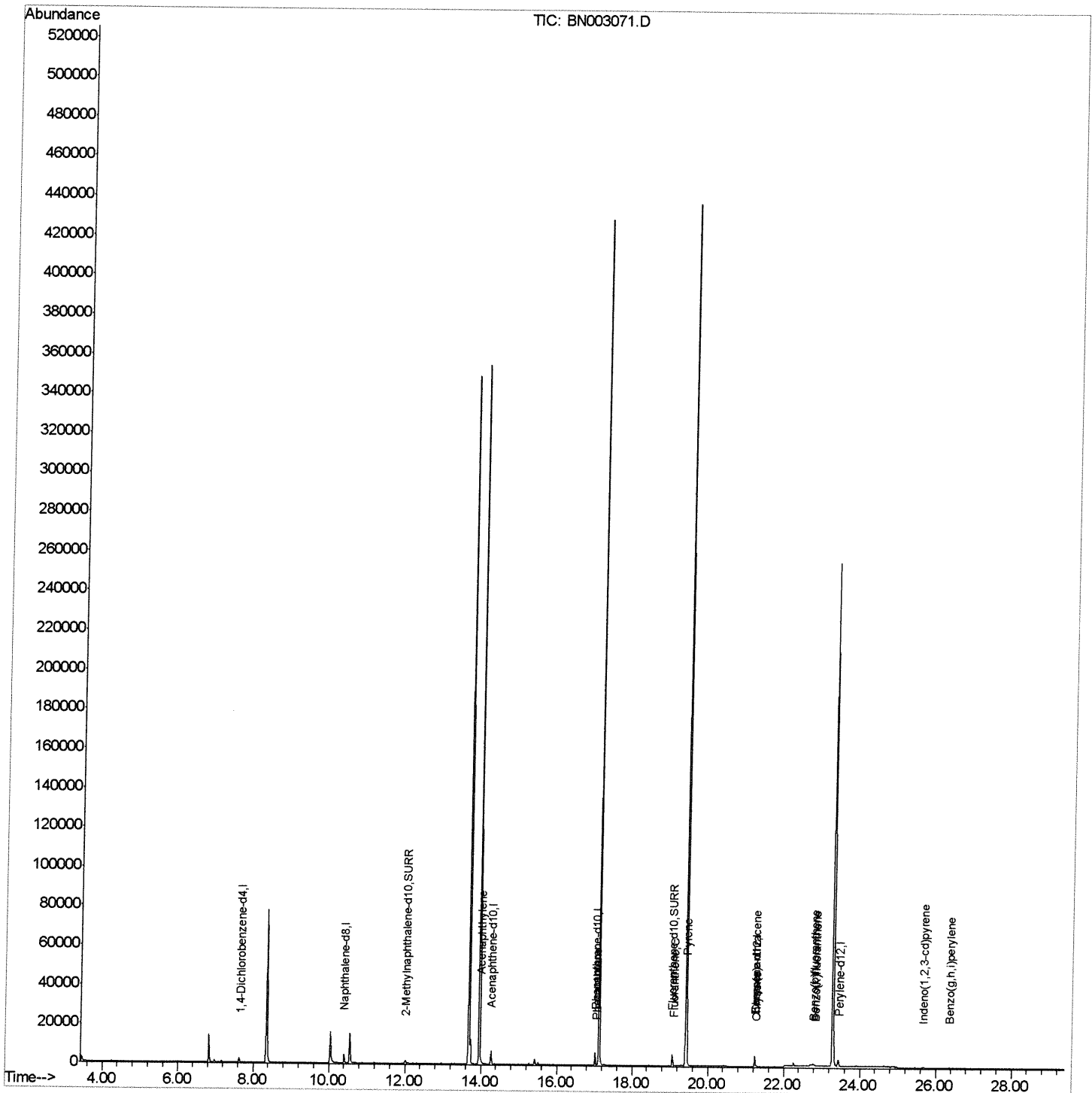
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003071.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5230-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z05

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:40:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

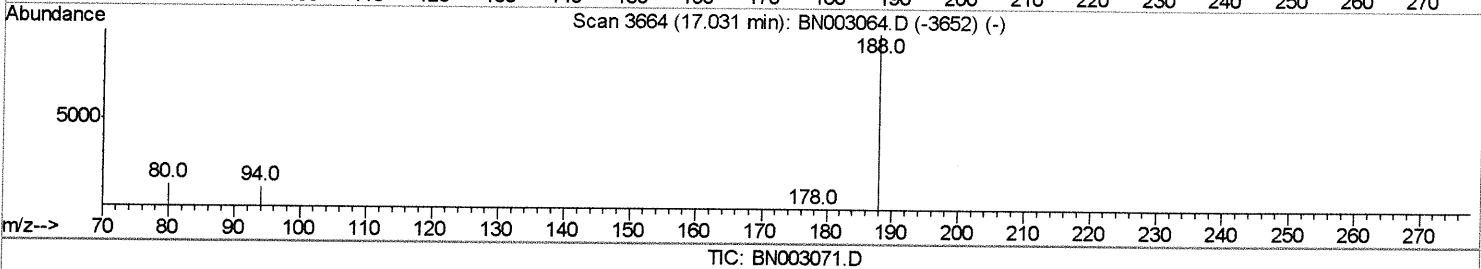
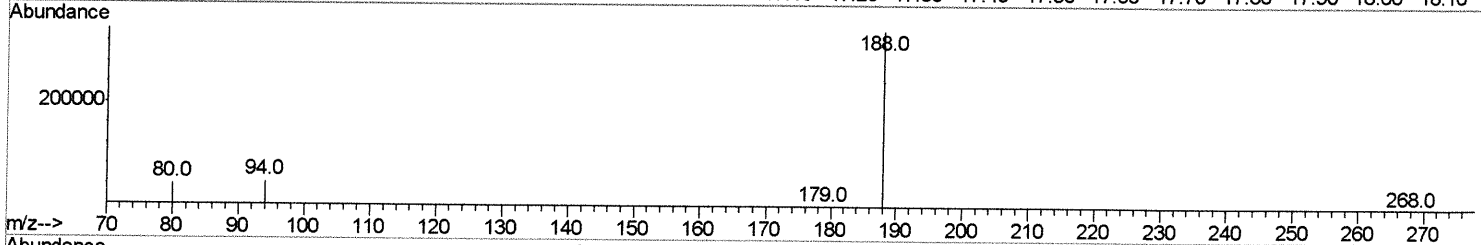
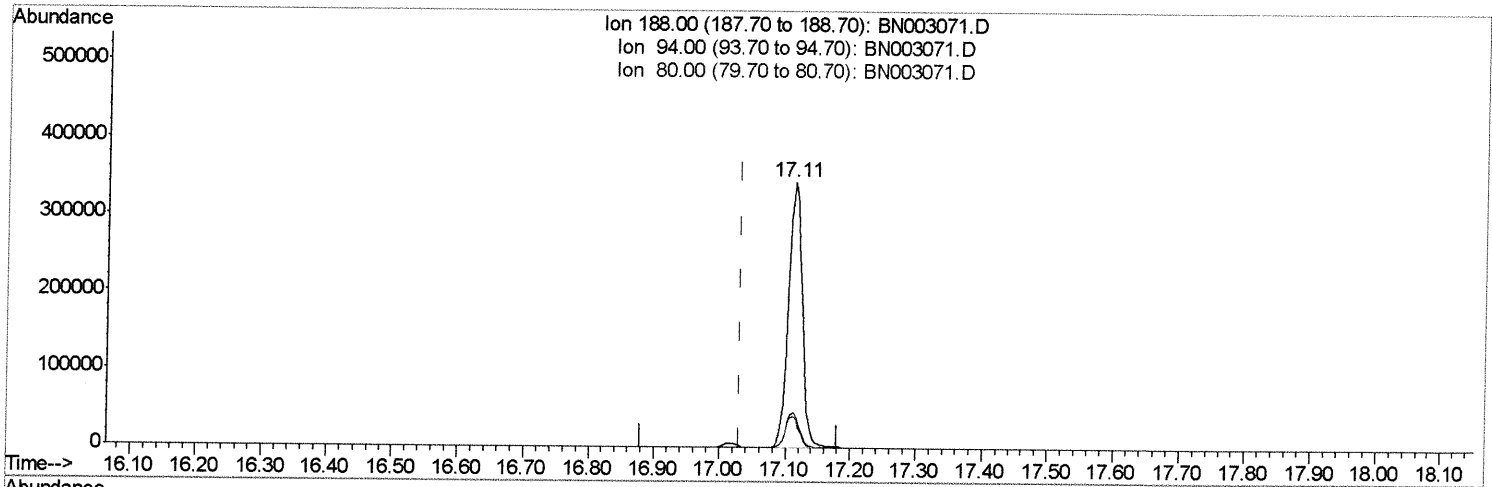
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003071.D
 Acq On : 10 Oct 2018 19:21
 Operator : MJ/SJ
 Sample : J5230-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z05

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:07:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



TIC: BN003071.D

(10) Phenanthrene-d10 (I)

17.111min (+0.080) 0.40ng/ul

response 499720

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	13.05
80.00	12.70	11.81
0.00	0.00	0.00

Quantitation Report (Qedit)

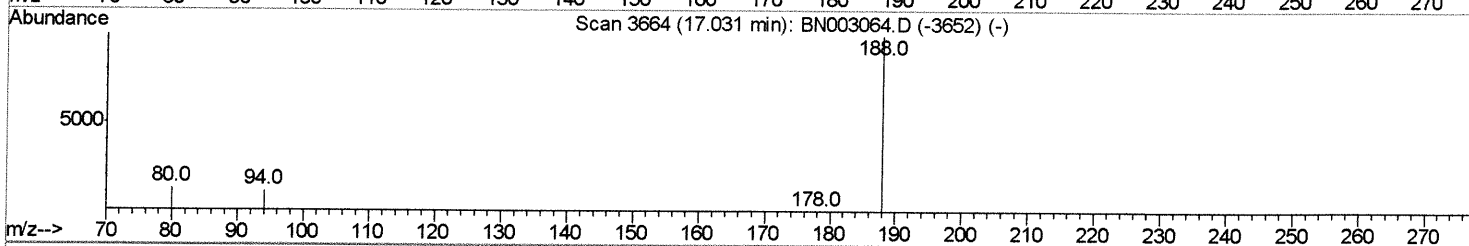
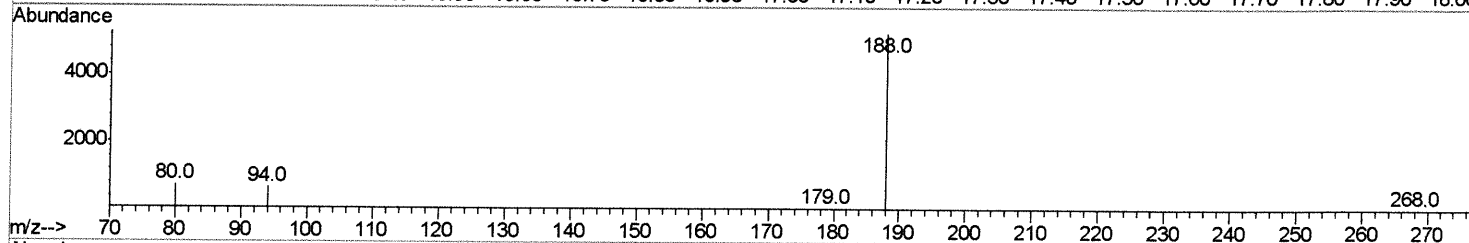
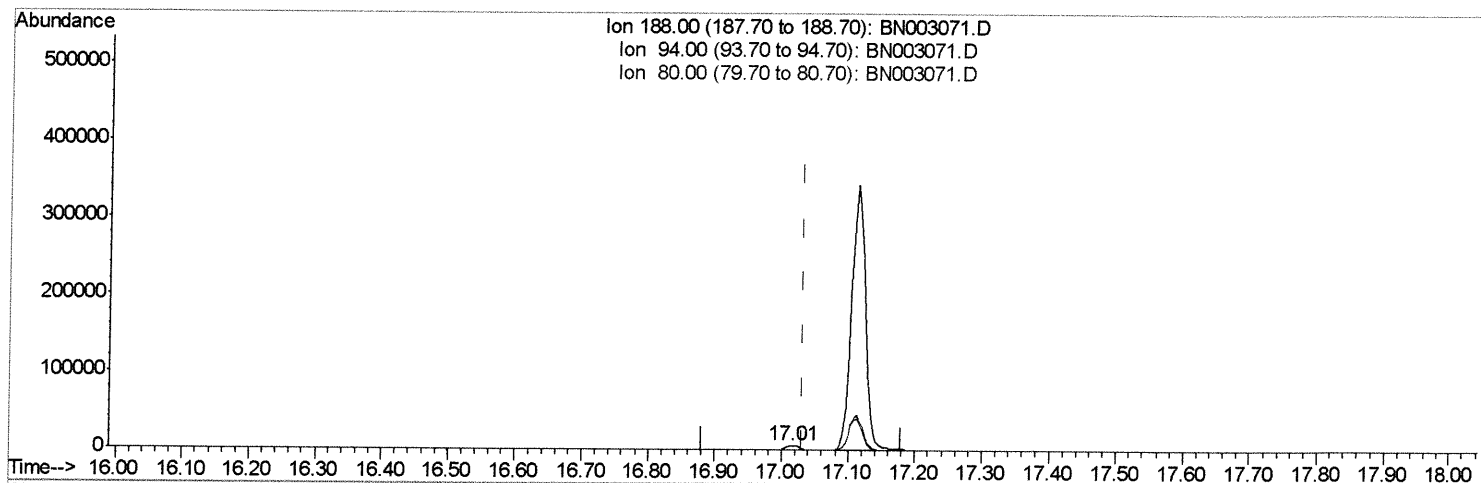
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003071.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5230-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z05

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:07:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



TIC: BN003071.D

(10) Phenanthrene-d10 (I)

17.014min (-0.017) 0.40ng/ul m

response 7586

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	12.41
80.00	12.70	13.66
0.00	0.00	0.00

Quantitation Report (Qedit)

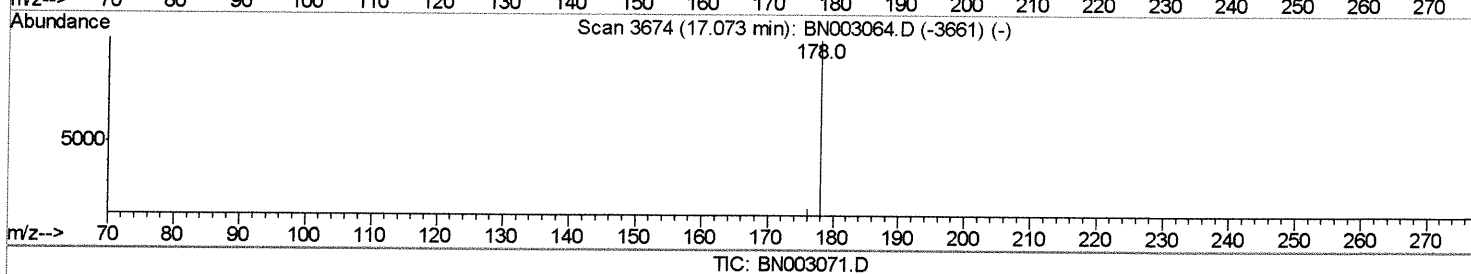
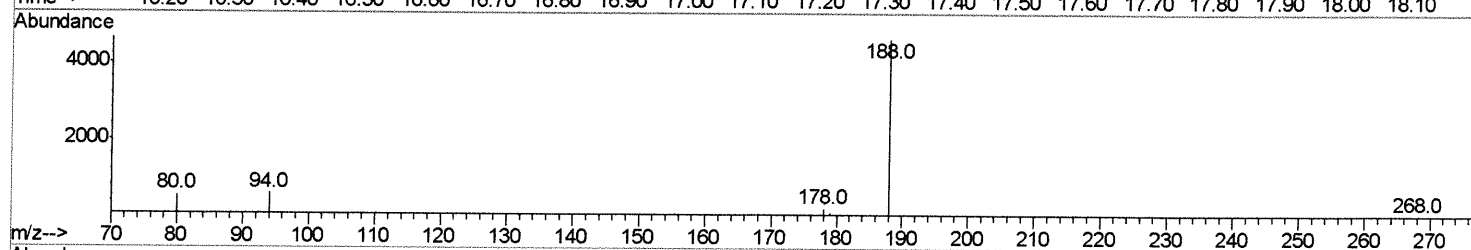
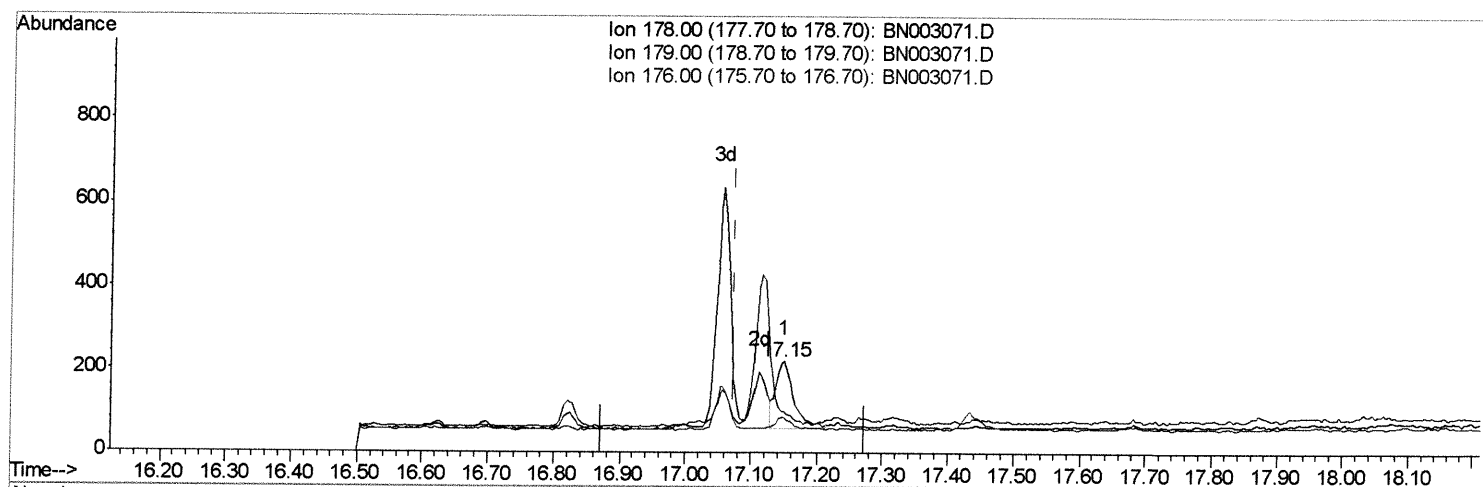
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003071.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5230-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z05

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:34:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



(12) Phenanthrene

17.149min (+0.076) 0.01ng/ul

response 301

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	45.21#
176.00	19.30	38.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

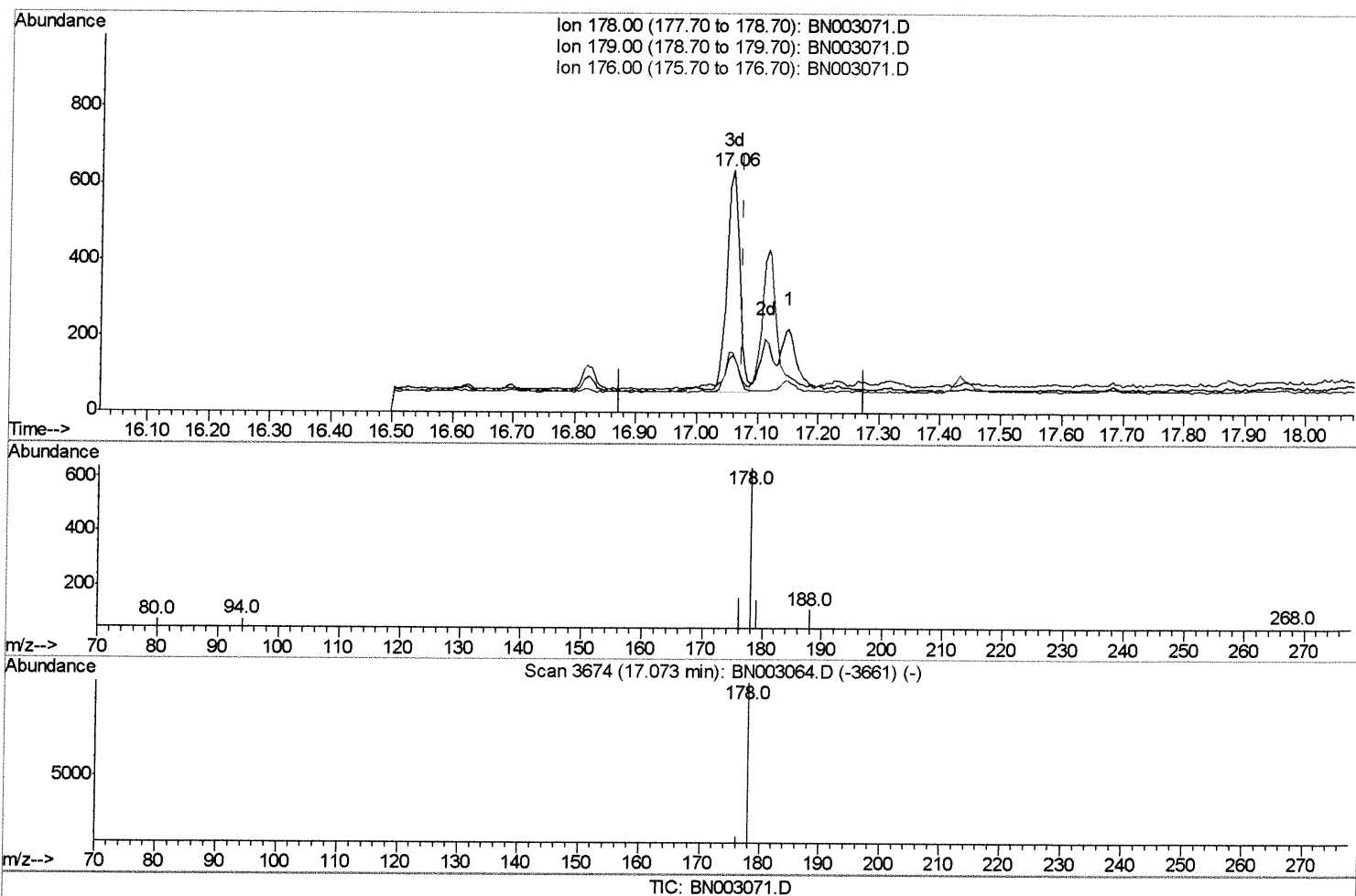
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003071.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5230-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z05

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:34:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



(12) Phenanthrene

17.056min (-0.017) 0.04ng/ul m

response 831

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	23.58#
176.00	19.30	25.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

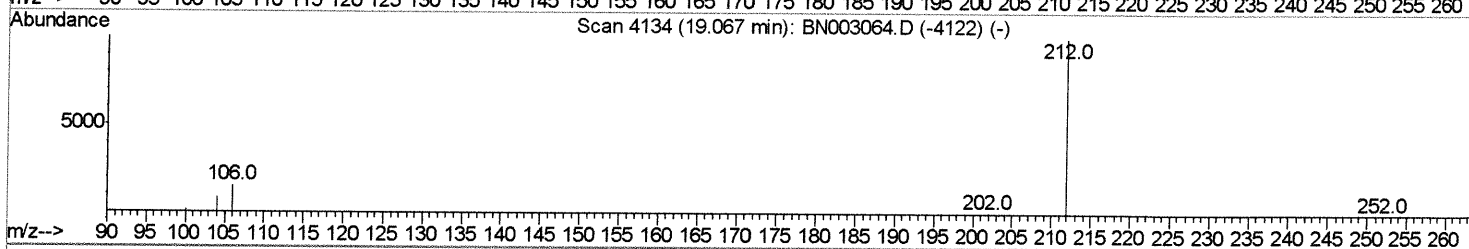
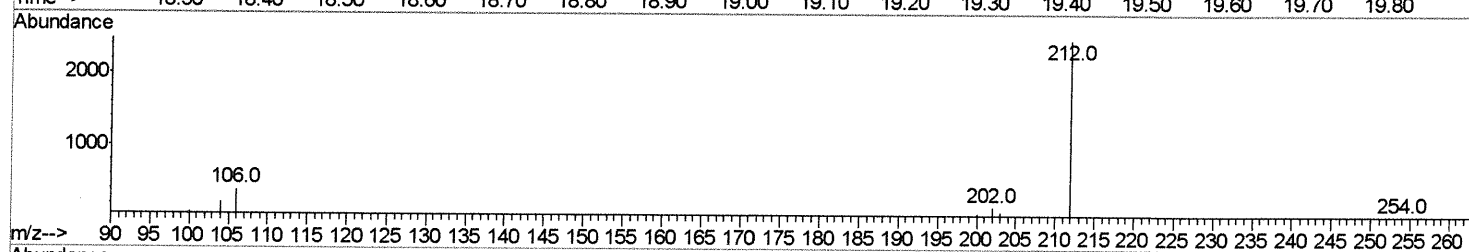
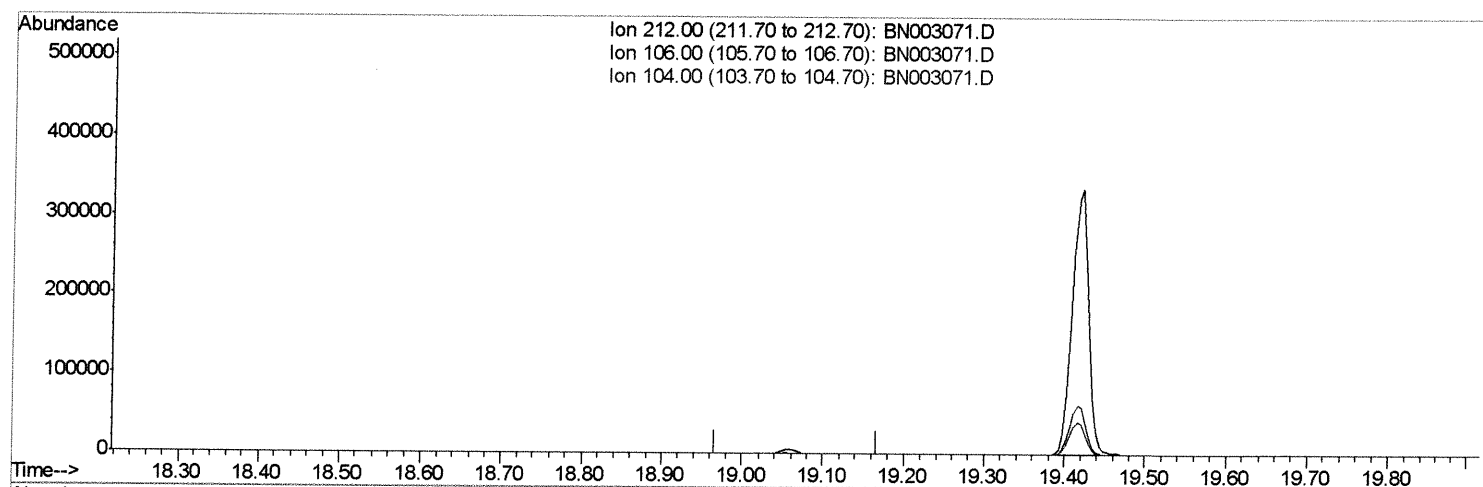
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003071.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5230-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z05

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:34:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



TIC: BN003071.D

(14) Fluoranthene-d10 (SURR)

19.067min (-19.067) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

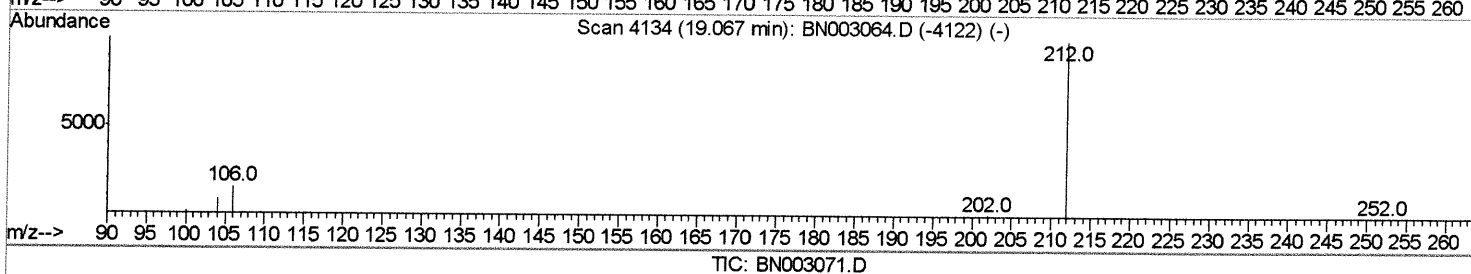
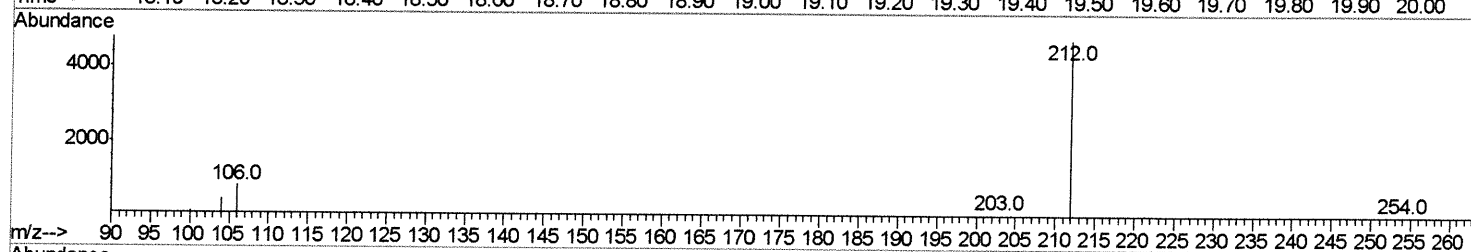
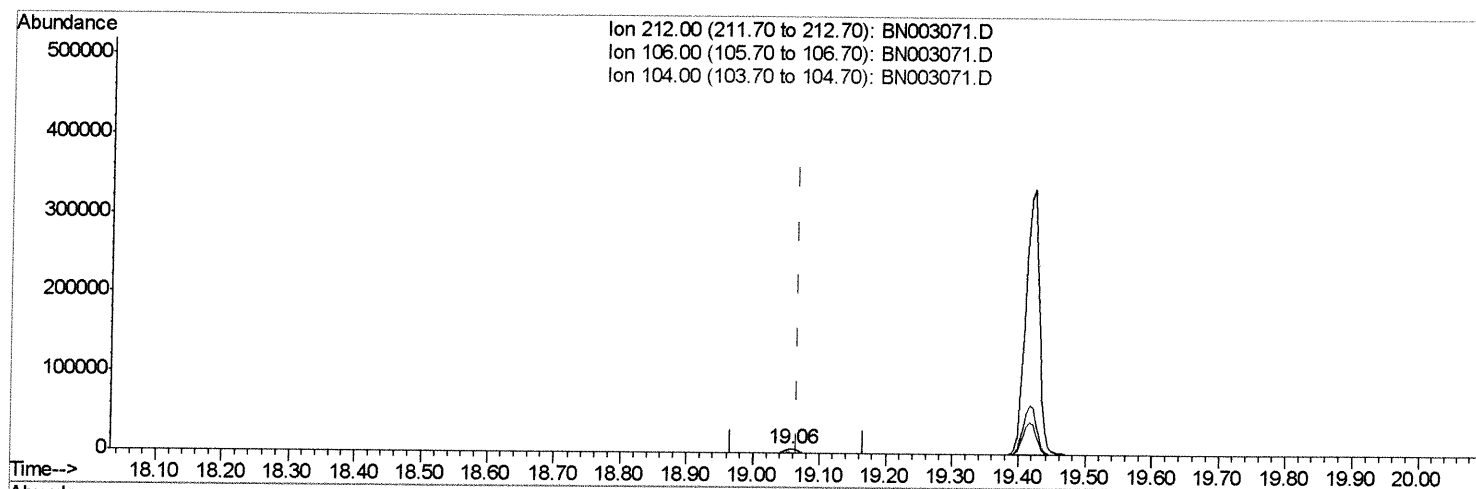
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003071.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5230-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A3Z05

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:34:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.058min (-0.009) 0.32ng/ul m

response 6863

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

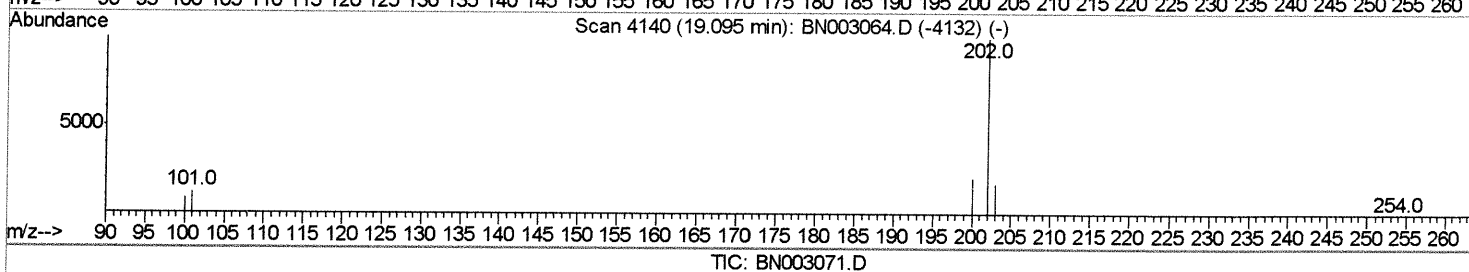
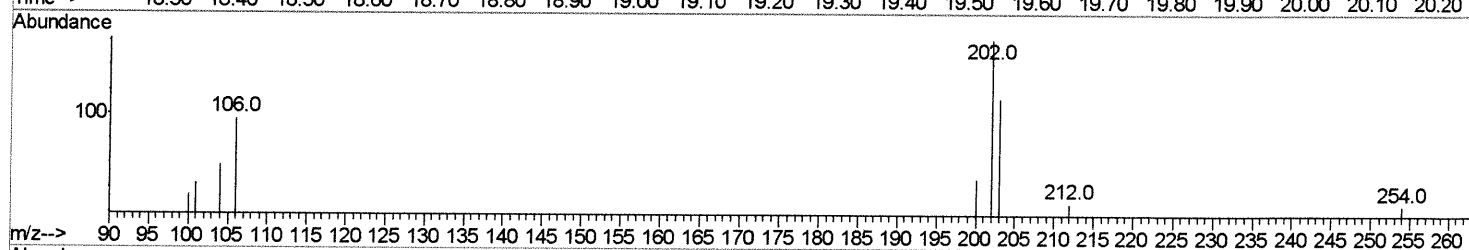
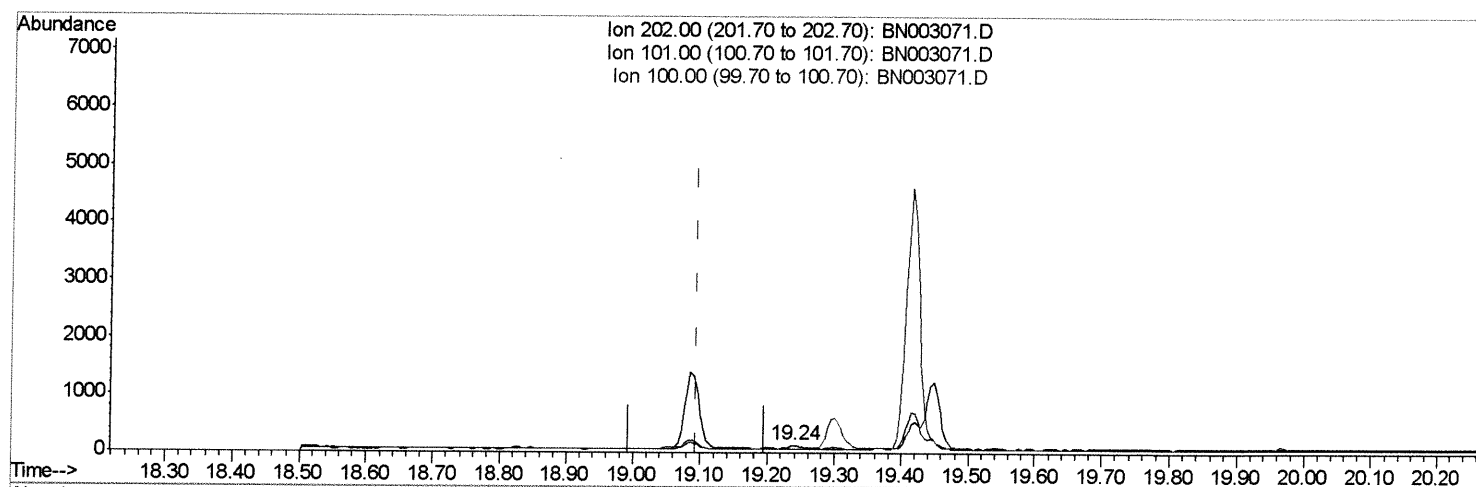
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003071.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5230-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z05

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:34:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.239min (+0.144) 0.00ng/ul

response 88

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	54.96#
100.00	9.10	51.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

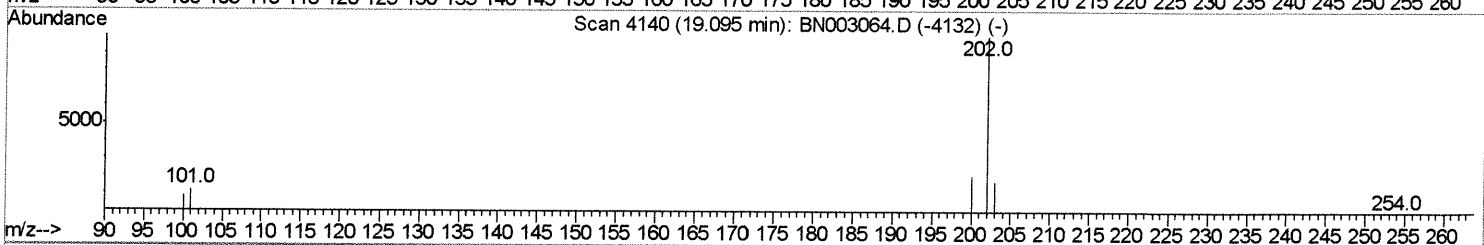
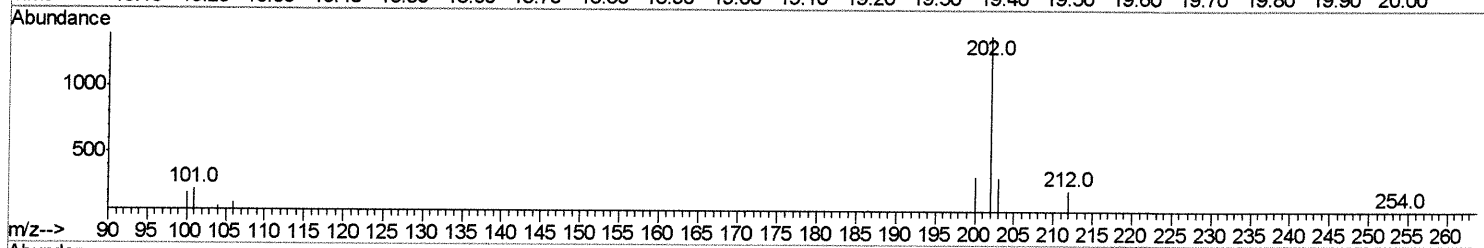
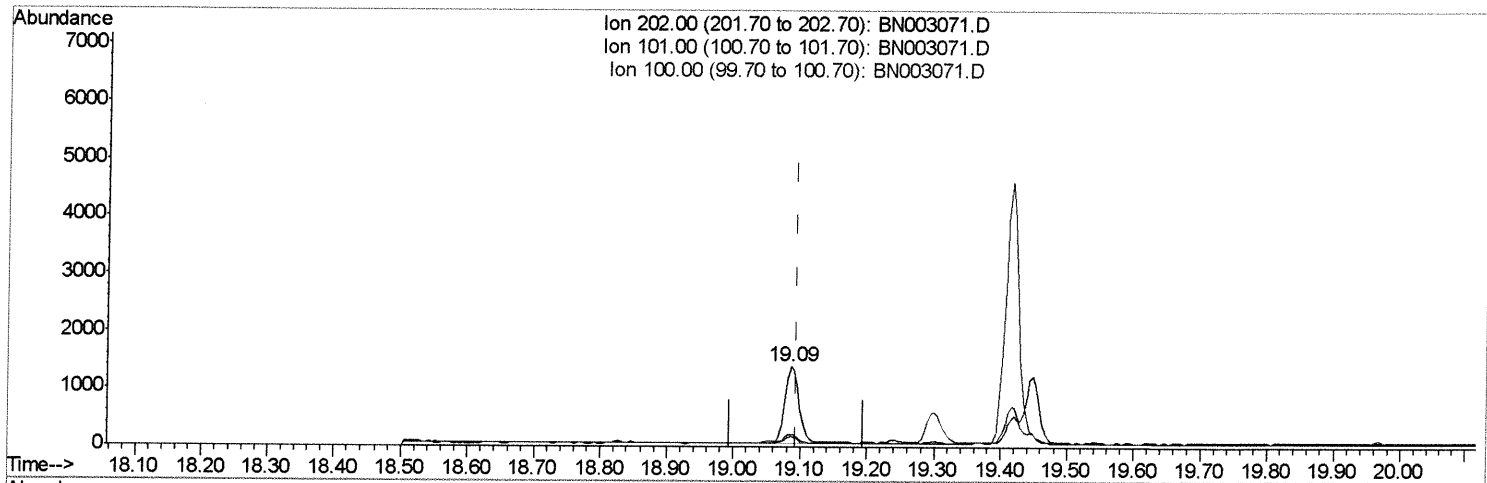
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003071.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5230-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z05

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:34:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



TIC: BN003071.D

(15) Fluoranthene (C)

19.085min (-0.009) 0.08ng/ul m

response 1956

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.53
100.00	9.10	13.31
0.00	0.00	0.00

Quantitation Report (Qedit)

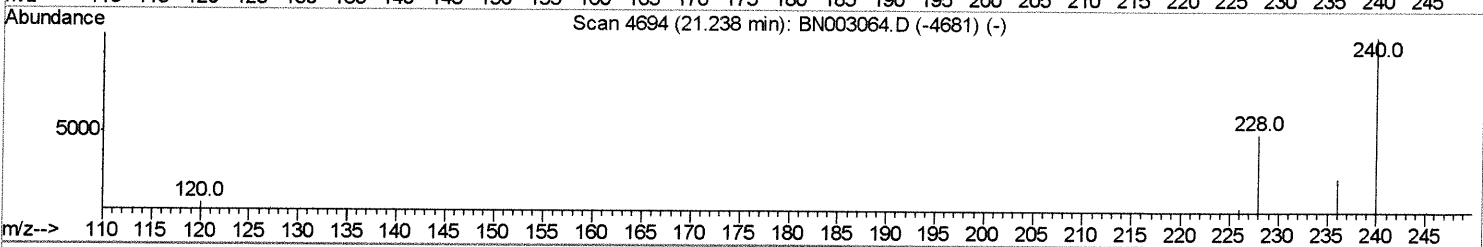
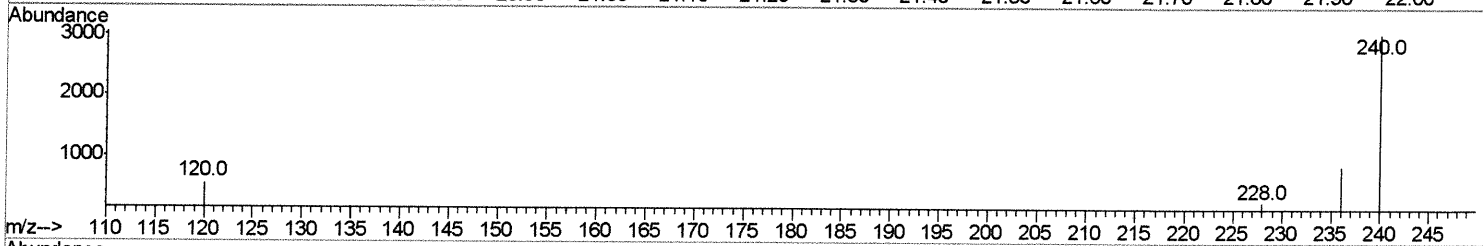
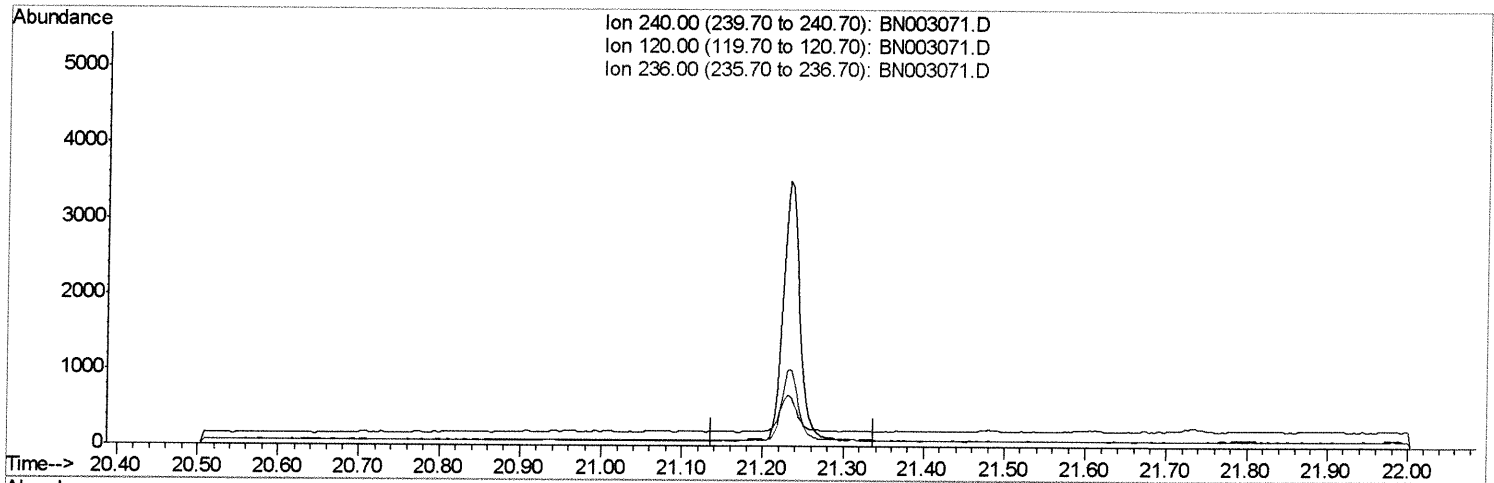
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003071.D
 Acq On : 10 Oct 2018 19:21
 Operator : MJ/SJ
 Sample : J5230-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z05

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:34:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



TIC: BN003071.D

(16) Chrysene-d12 (I)

21.238min (-21.238) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.40	0.00#
236.00	28.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

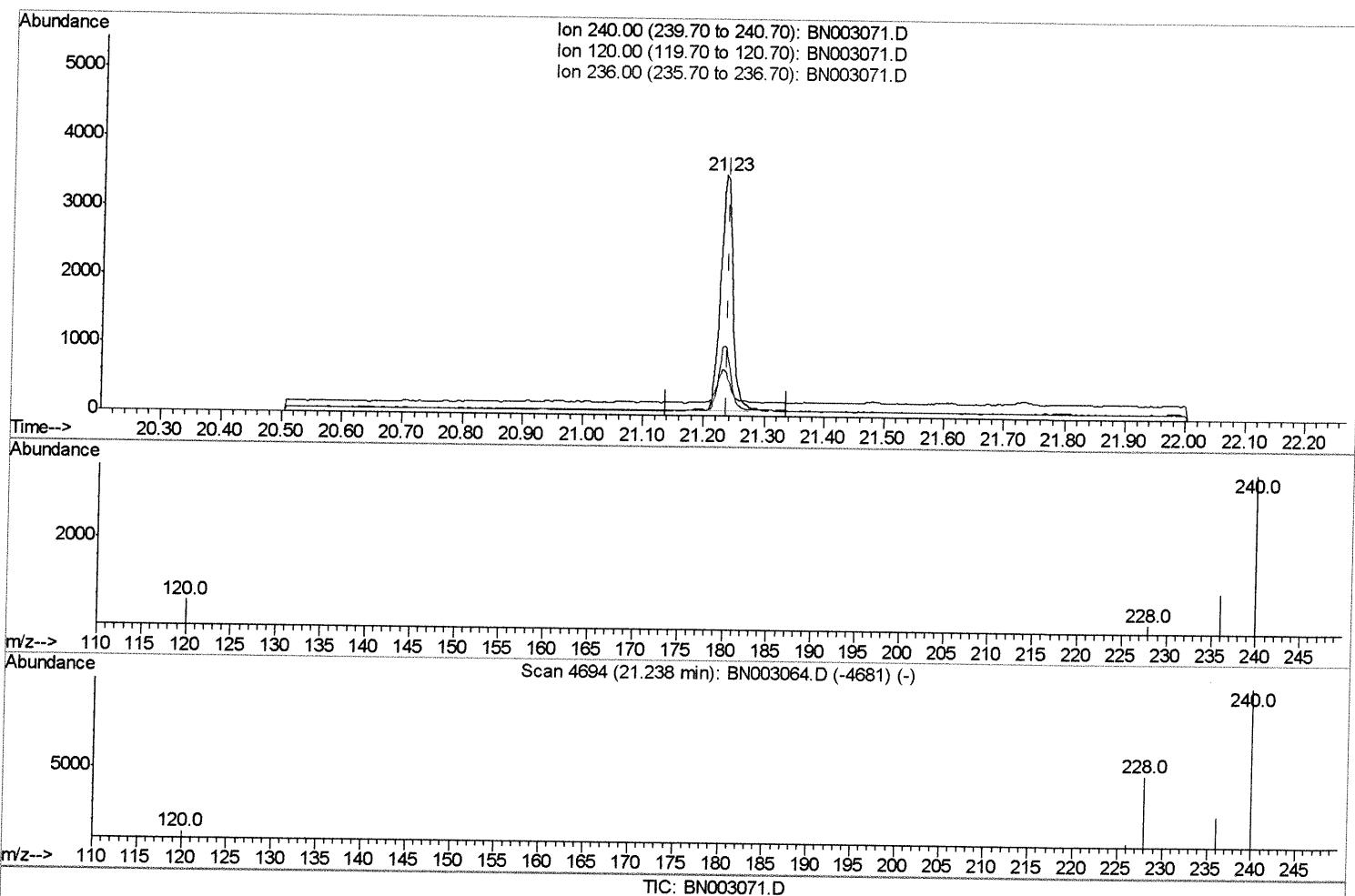
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003071.D
 Acq On : 10 Oct 2018 19:21
 Operator : MJ/SJ
 Sample : J5230-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z05

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:34:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.232min (-0.006) 0.40ng/ul m

response 4819

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	19.30
236.00	28.10	28.89
0.00	0.00	0.00

Quantitation Report (Qedit)

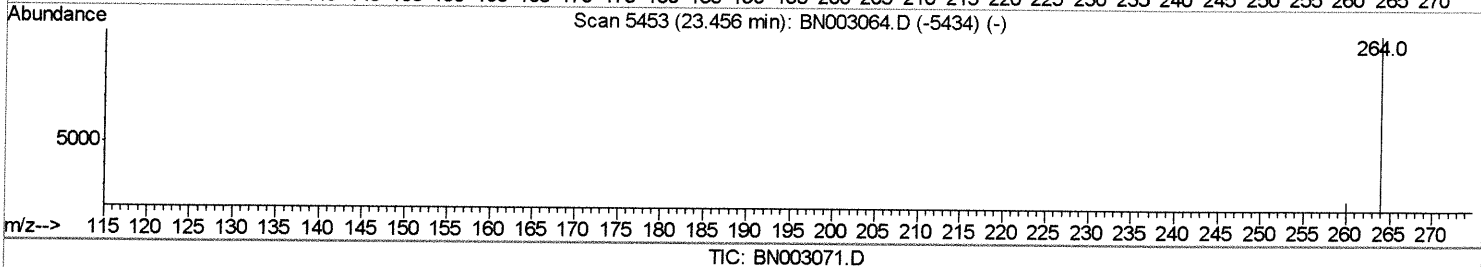
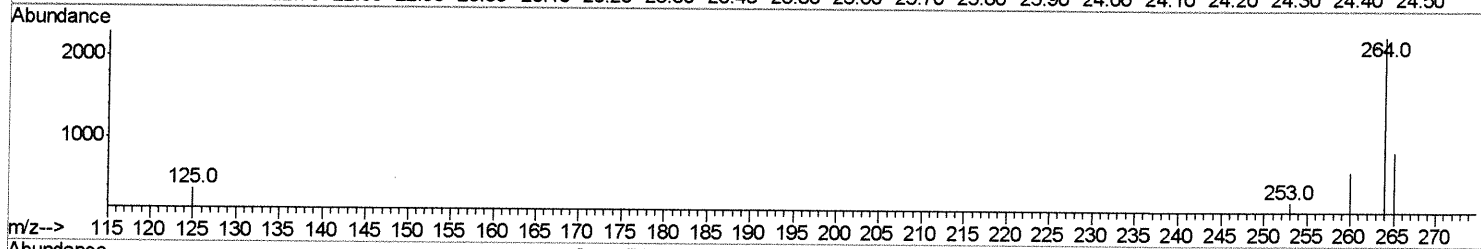
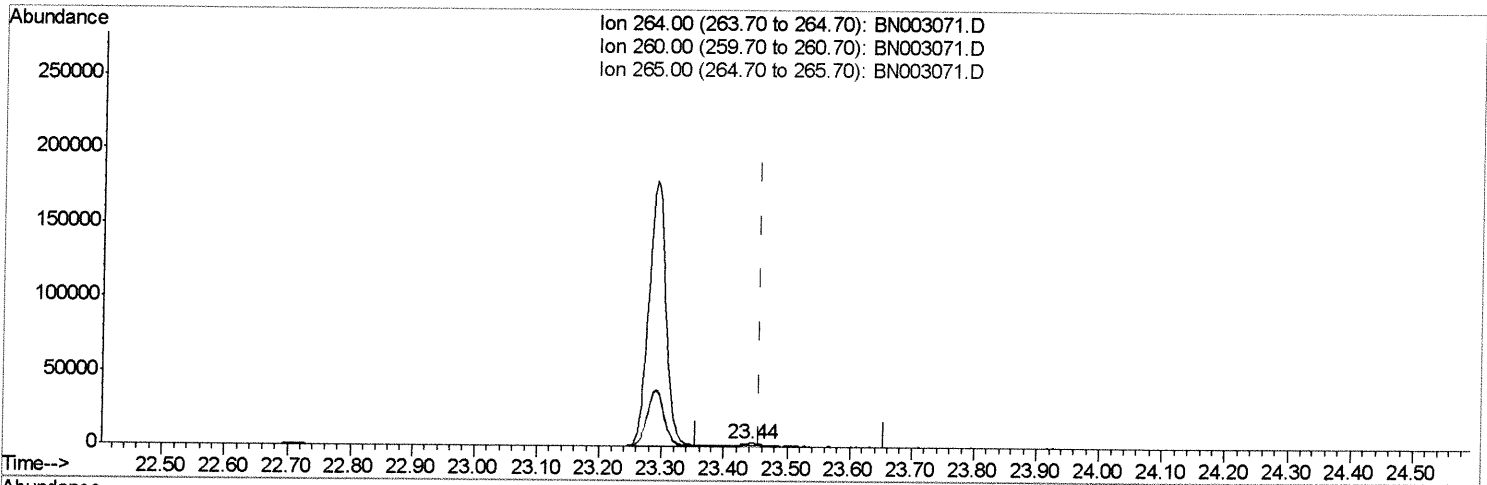
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003071.D
 Acq On : 10 Oct 2018 19:21
 Operator : MJ/SJ
 Sample : J5230-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z05

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:35:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



TIC: BN003071.D

(20) Perylene-d12 (I)

23.441min (-0.015) 0.40ng/ul

response 5109

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	27.48
265.00	45.40	37.82
0.00	0.00	0.00

Quantitation Report (Qedit)

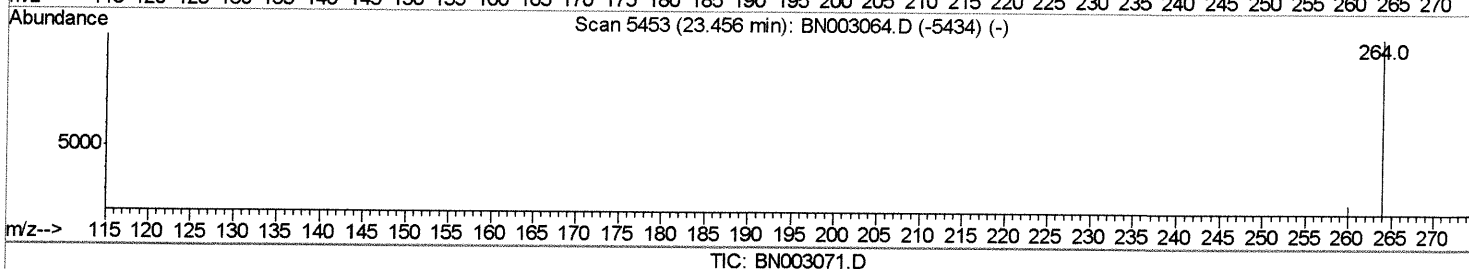
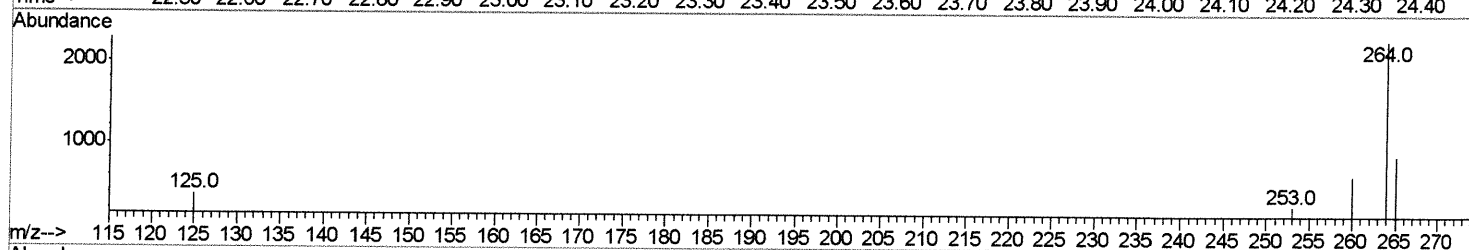
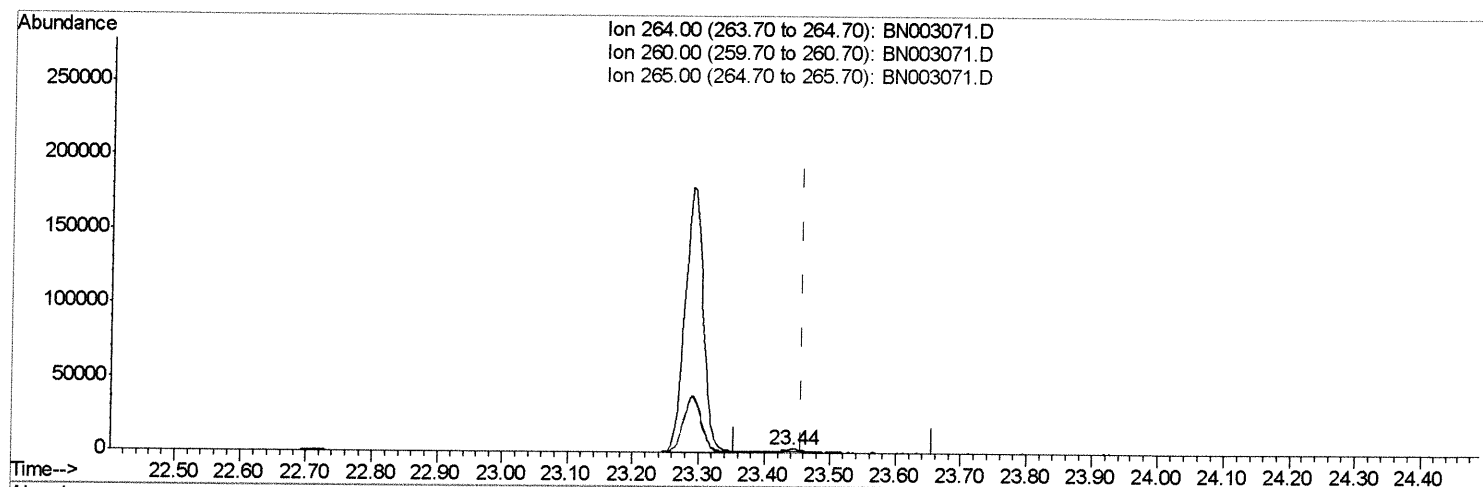
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003071.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5230-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z05

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:35:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.441min (-0.015) 0.40ng/ul m

response 4197

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	27.48
265.00	45.40	37.82
0.00	0.00	0.00

Quantitation Report (Qedit)

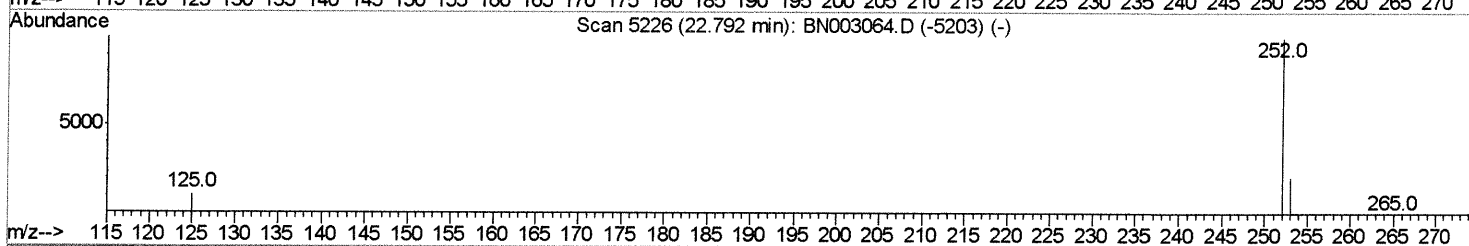
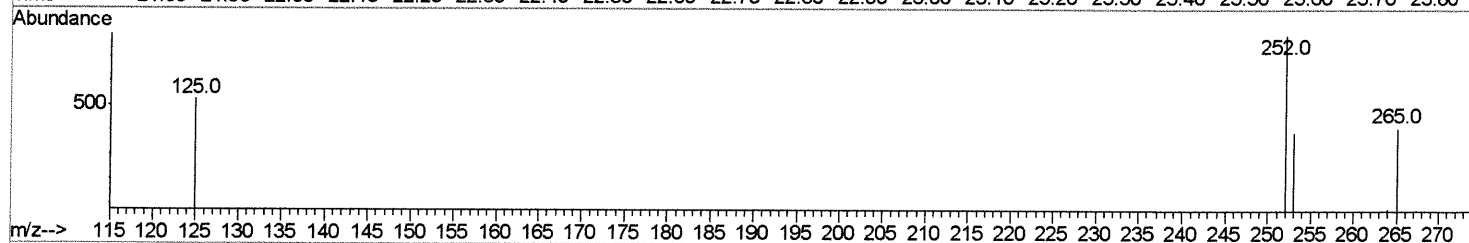
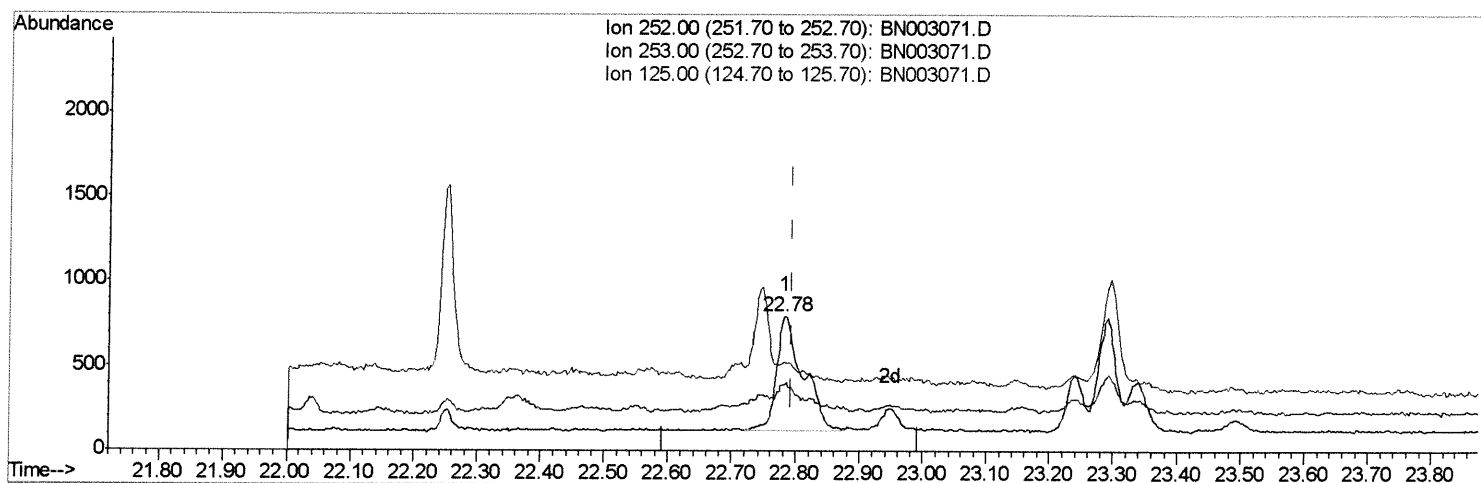
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003071.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5230-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z05

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:39:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



TIC: BN003071.D

(21) Benzo(b)fluoranthene
22.781min (-0.012) 0.13ng/ul
response 1946

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	49.87
125.00	17.10	66.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

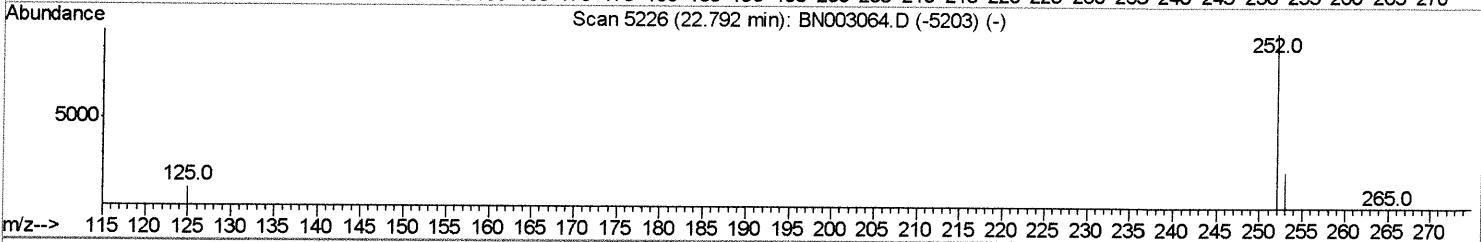
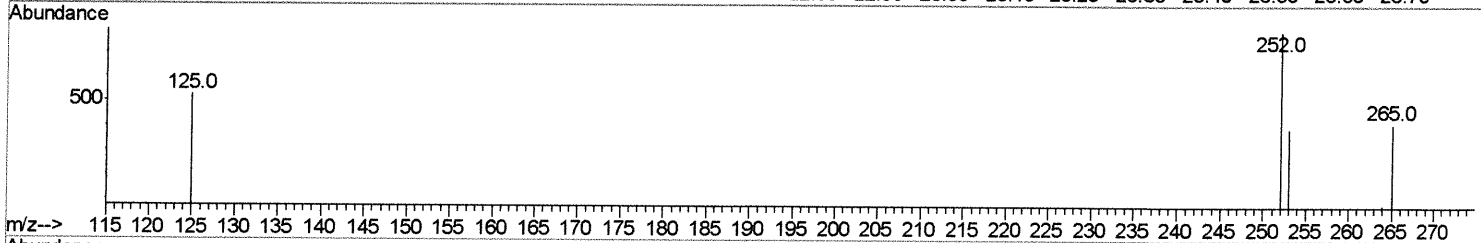
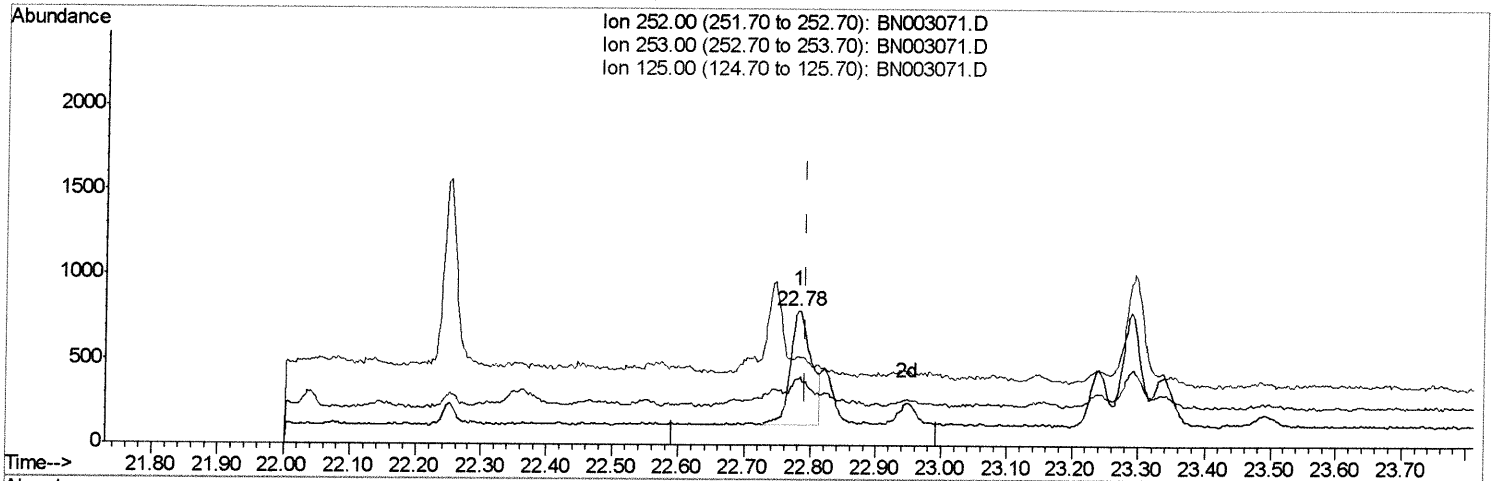
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003071.D
 Acq On : 10 Oct 2018 19:21
 Operator : MJ/SJ
 Sample : J5230-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z05

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:39:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



TIC: BN003071.D

(21) Benzo(b)fluoranthene

22.781min (-0.012) 0.10ng/ul m

response 1508

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	49.87
125.00	17.10	66.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

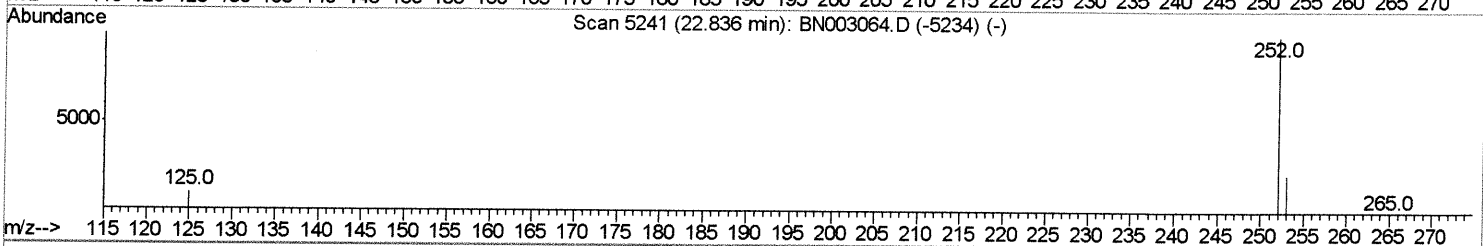
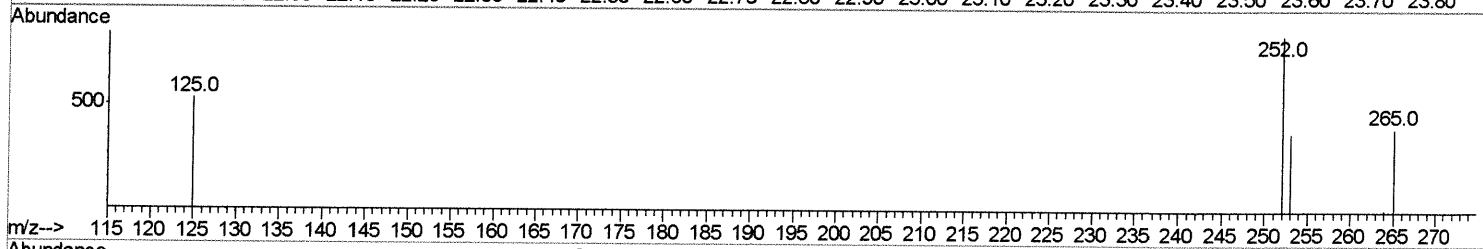
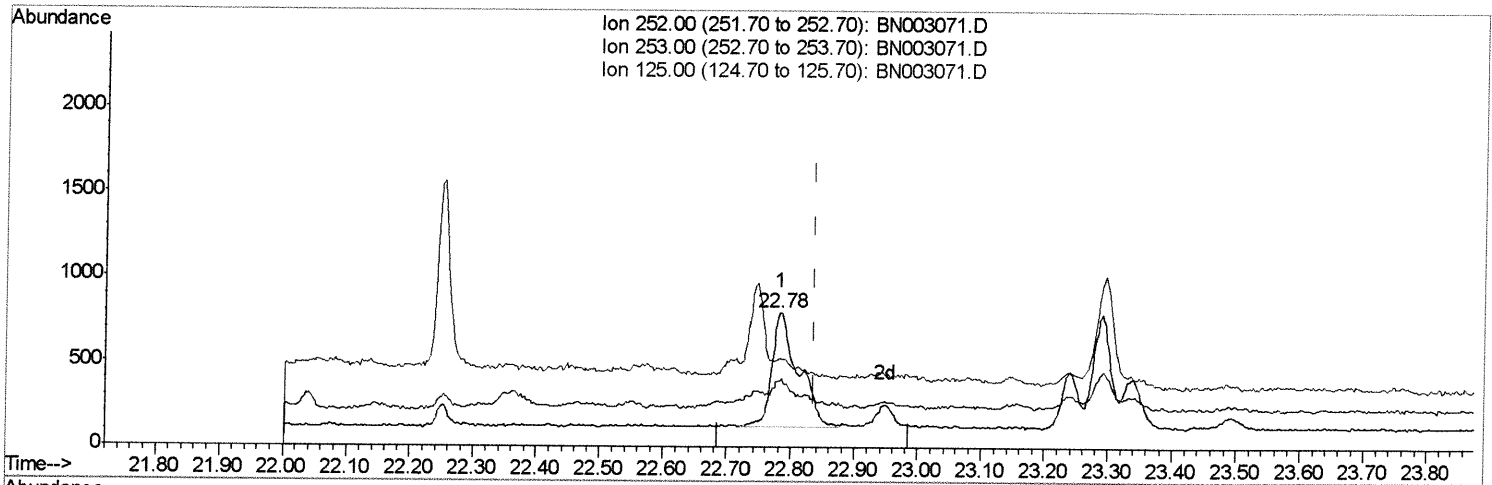
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003071.D
Acq On : 10 Oct 2018 19:21
Operator : MJ/SJ
Sample : J5230-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z05

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:39:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



TIC: BN003071.D

(22) Benzo(k)fluoranthene

22.781min (-0.056) 0.12ng/ul

response 1946

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	49.87#
125.00	17.60	66.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

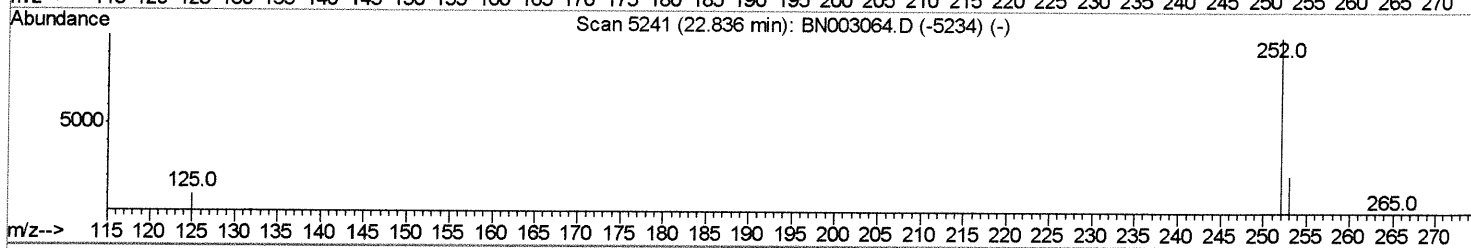
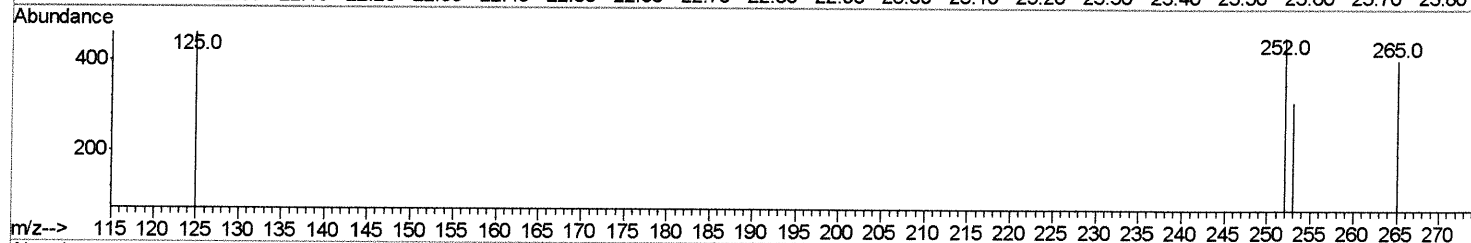
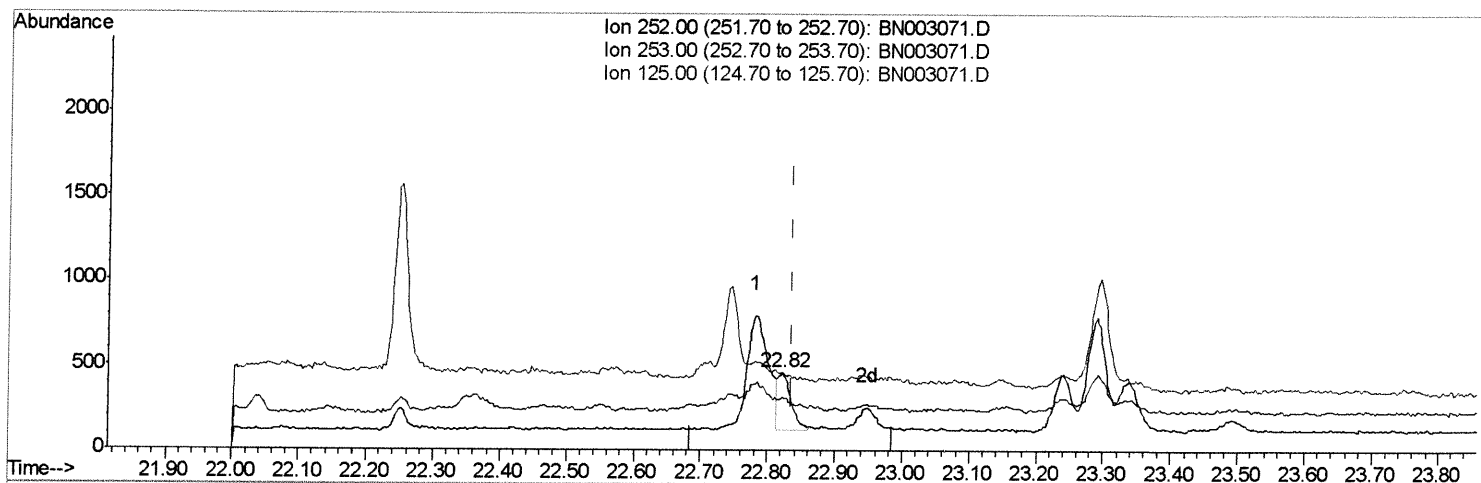
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003071.D
 Acq On : 10 Oct 2018 19:21
 Operator : MJ/SJ
 Sample : J5230-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z05

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:39:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



TIC: BN003071.D

(22) Benzo(k)fluoranthene

22.822min (-0.015) 0.03ng/ul m

response 455

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	68.27#
125.00	17.60	100.88#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003071.D
 Acq On : 10 Oct 2018 19:21
 Operator : MJ/SJ
 Sample : J5230-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z05

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:30 PM

Quant Time: Oct 11 07:40:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1598	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6629	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3751	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7586m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4819m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4197m	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	3468	0.34	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	6863m	0.32	ng/ul	0.00

Target Compounds

					Ovalue	
7) Acenaphthylene	13.98	152	350	0.020	ng/ul#	62
12) Phenanthrene	17.06	178	831m	0.039	ng/ul	
15) Fluoranthene	19.09	202	1956m	0.079	ng/ul	
17) Pyrene	19.45	202	1659	0.089	ng/ul#	87
18) Benzo(a)anthracene	21.22	228	708	0.046	ng/ul#	69
19) Chrysene	21.27	228	1020	0.065	ng/ul#	80
21) Benzo(b)fluoranthene	22.78	252	1508m	0.100	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	455m	0.029	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.68	276	654	0.042	ng/ul#	91
26) Benzo(g,h,i)perylene	26.36	276	587	0.045	ng/ul#	49

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