

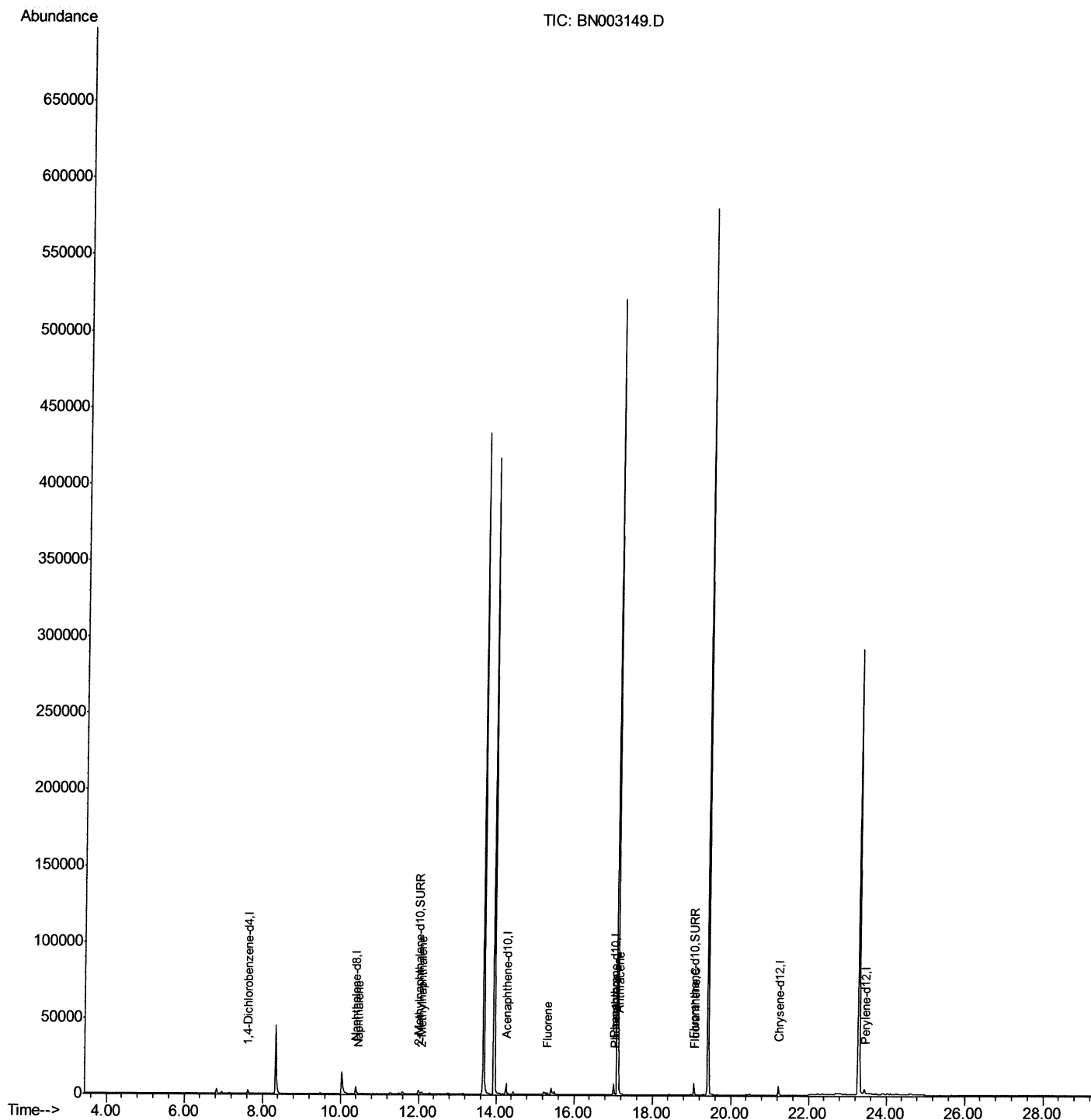
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003149.D
Acq On : 12 Oct 2018 21:01
Operator : MJ/SJ
Sample : J5234-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations
APPROVED

Sohil
10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:28:52 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 : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

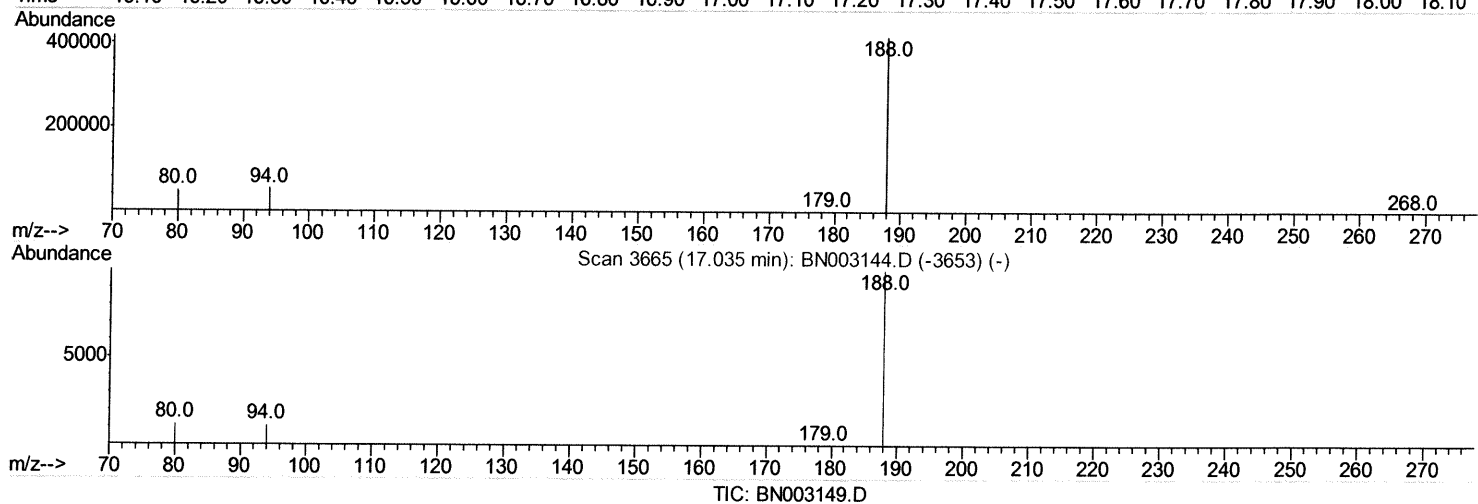
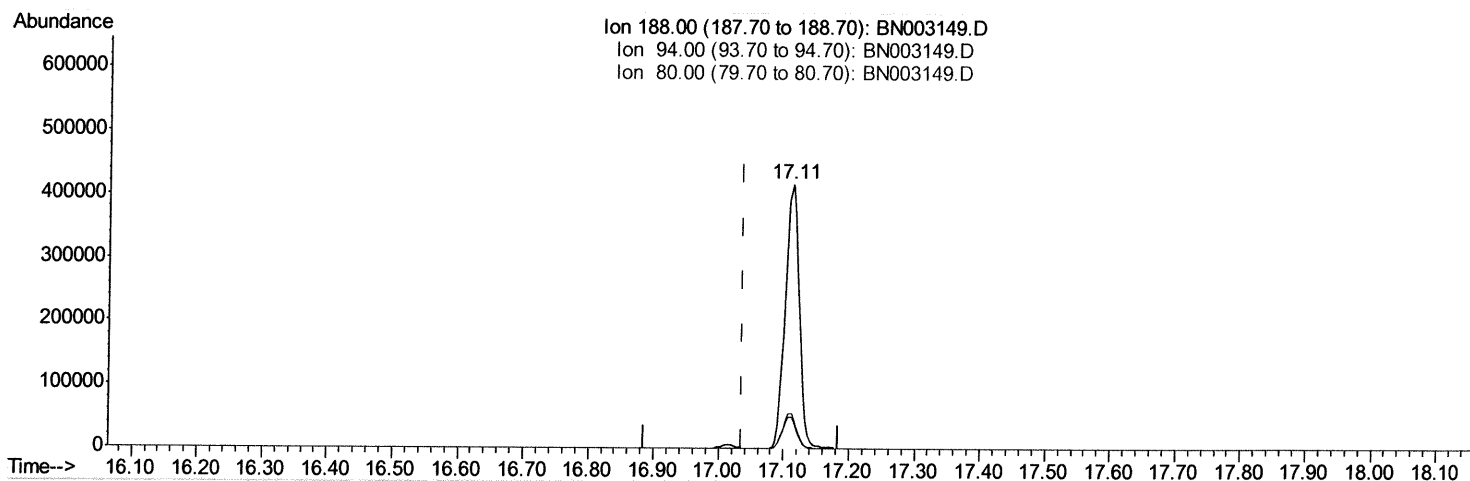
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003149.D
 Acq On : 12 Oct 2018 21:01
 Operator : MJ/SJ
 Sample : J5234-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK7

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:52 PM

Quant Time: Oct 13 04:57:43 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 : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.111min (+0.076) 0.40ng/ul

response 616333

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	13.00
80.00	12.70	11.85
0.00	0.00	0.00

Quantitation Report (Qedit)

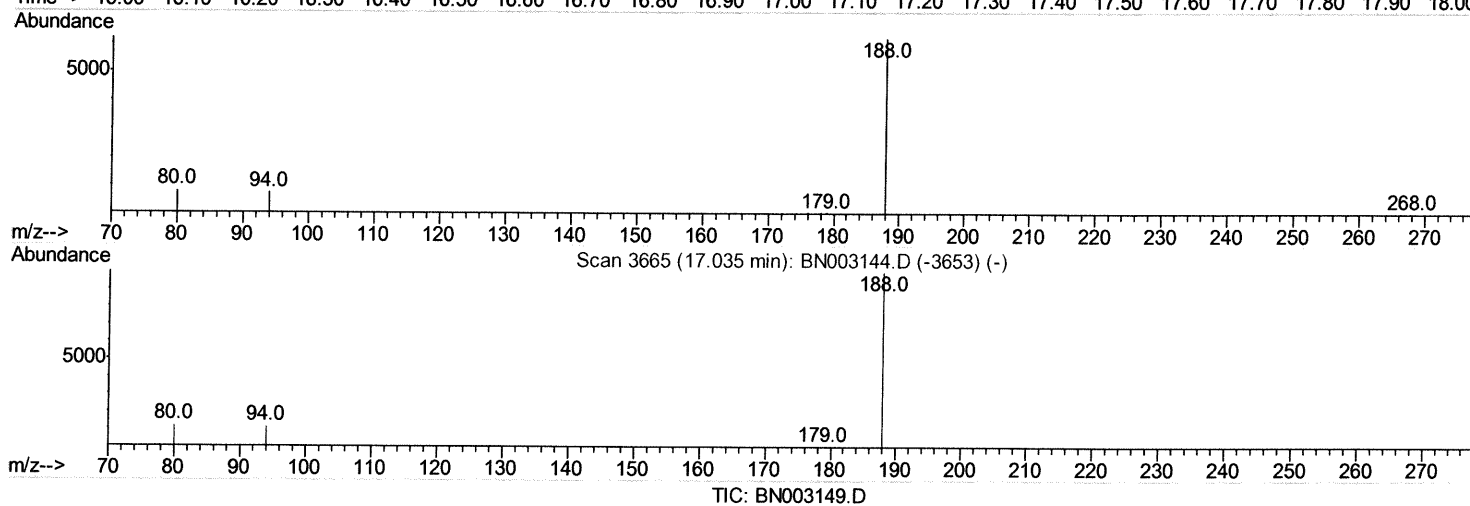
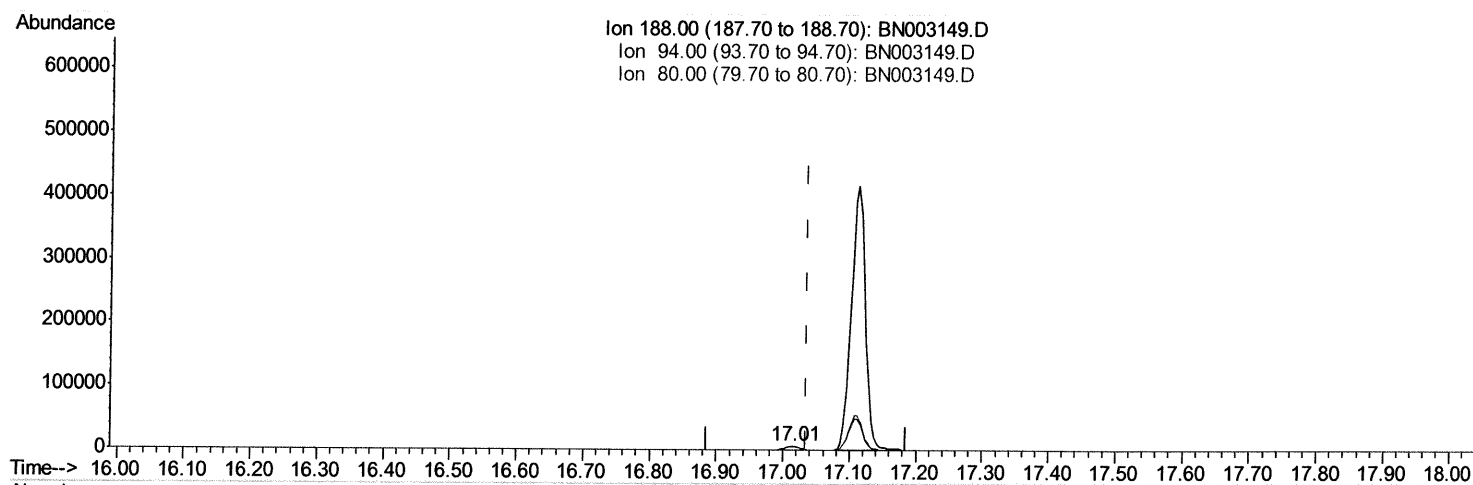
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003149.D
Acq On : 12 Oct 2018 21:01
Operator : MJ/SJ
Sample : J5234-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations
APPROVED

Sohil
10/15/2018 4:14:52 PM

Quant Time: Oct 13 04:57:43 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 : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.014min (-0.021) 0.40ng/ul m

response 8698

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	12.28
80.00	12.70	13.16
0.00	0.00	0.00

Quantitation Report (Qedit)

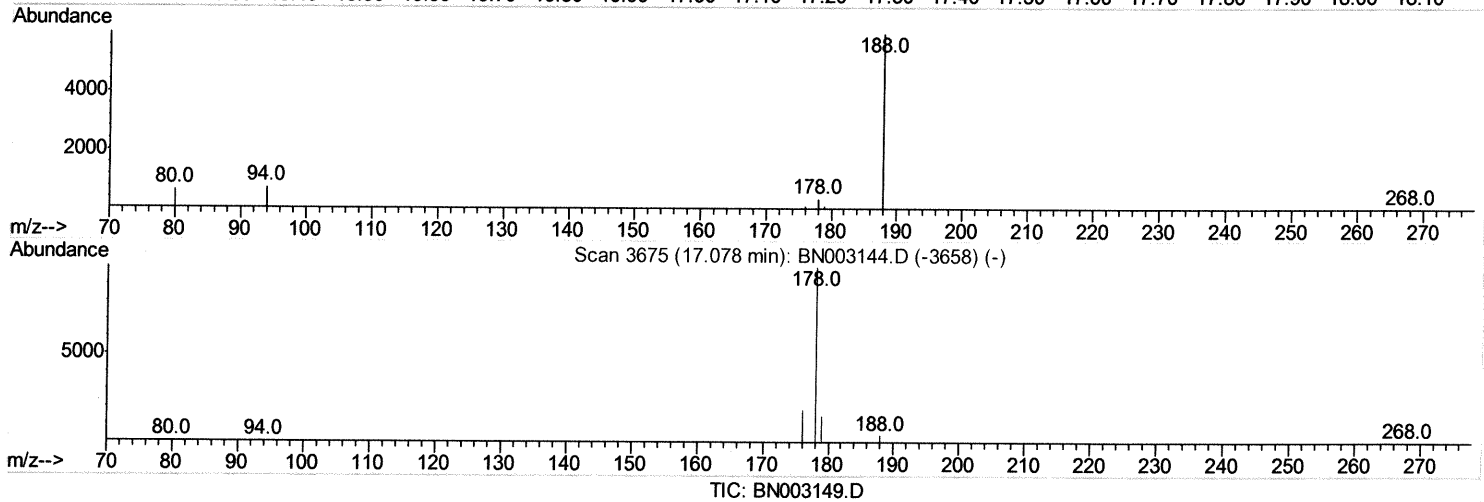
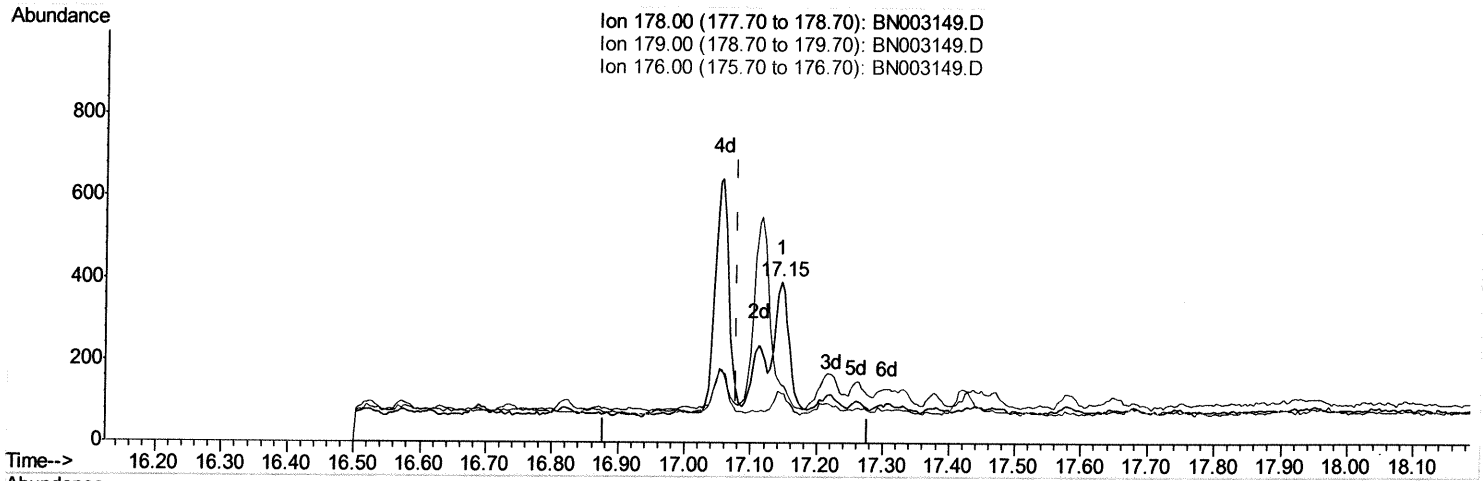
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003149.D
 Acq On : 12 Oct 2018 21:01
 Operator : MJ/SJ
 Sample : J5234-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK7

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:26:11 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 : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.145min (+0.068) 0.02ng/ul

response 490

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	36.04#
176.00	19.30	30.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

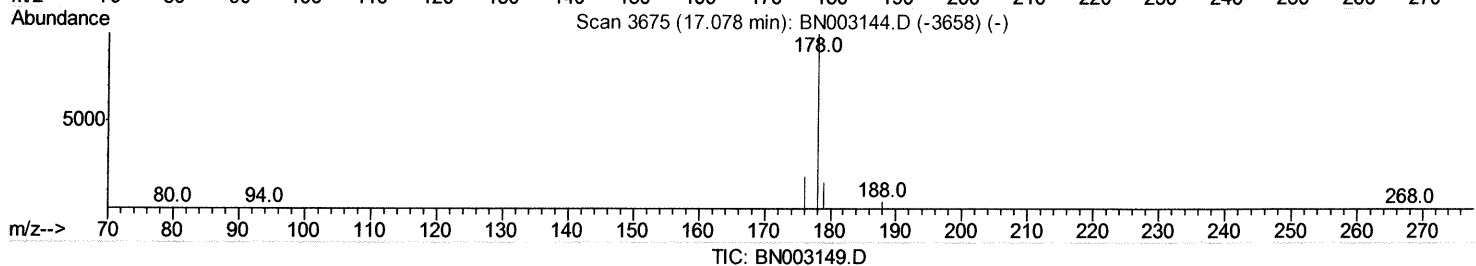
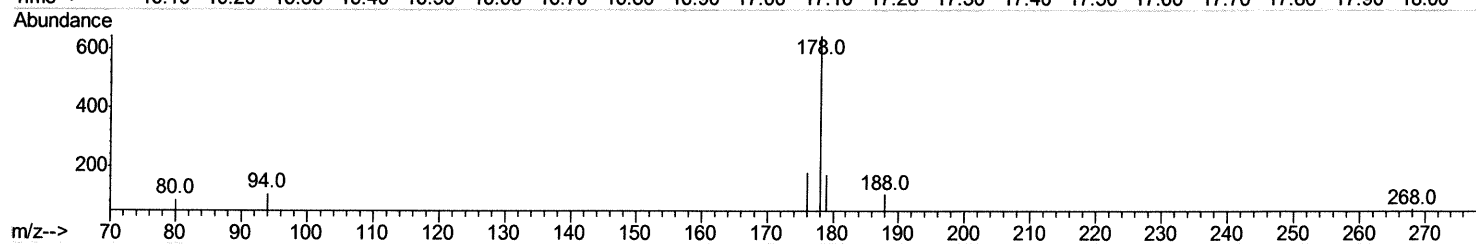
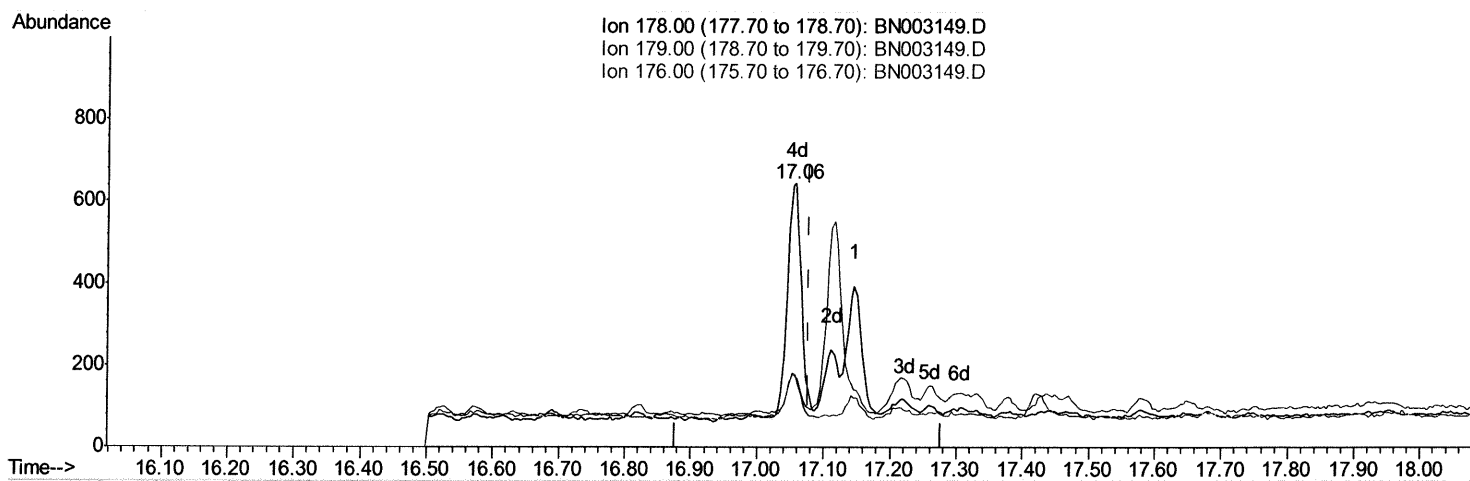
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003149.D
Acq On : 12 Oct 2018 21:01
Operator : MJ/SJ
Sample : J5234-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations
APPROVED

Sohil
10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:26:11 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 : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration



(12) Phenanthrene

17.057min (-0.021) 0.03ng/ul m

5/10/19/18

response 843

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	26.67#
176.00	19.30	27.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

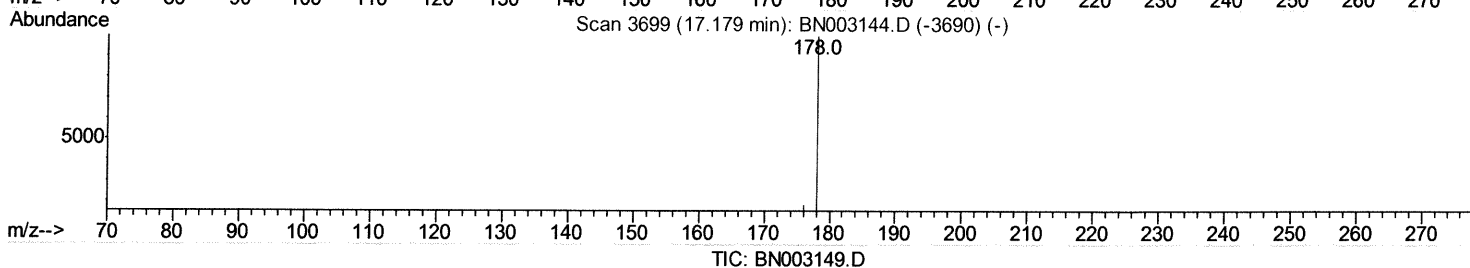
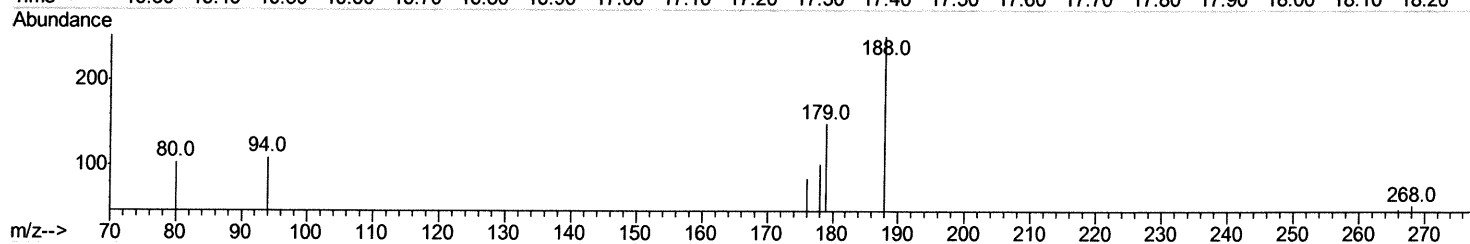
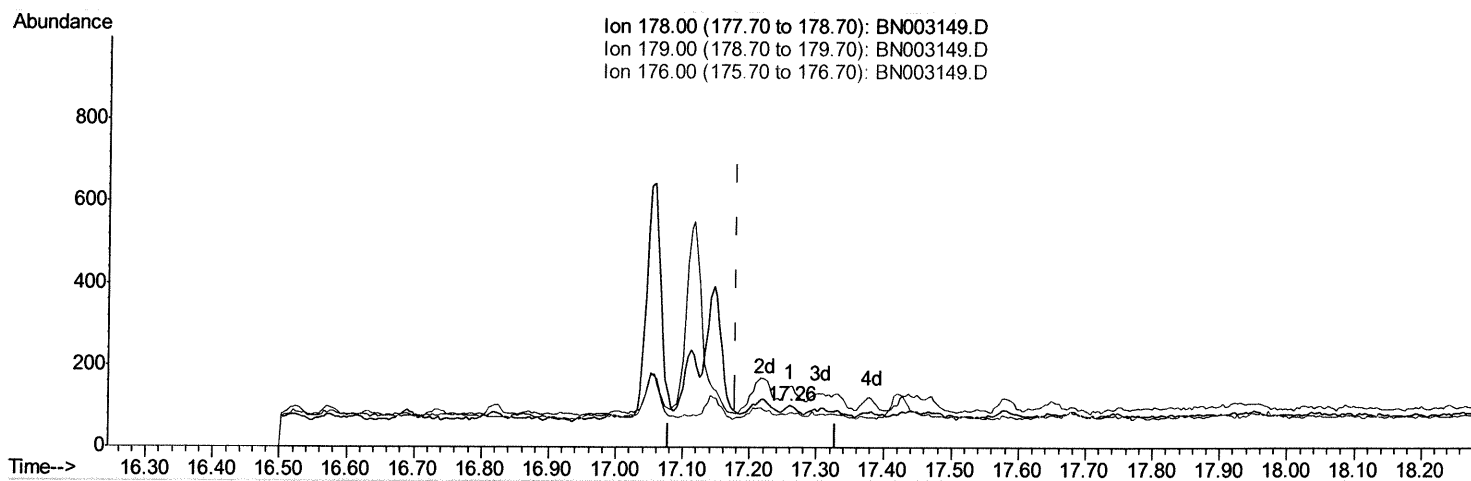
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003149.D
Acq On : 12 Oct 2018 21:01
Operator : MJ/SJ
Sample : J5234-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations
APPROVED

Sohil
10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:26:11 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 : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration



(13) Anthracene

17.259min (+0.080) 0.00ng/ul

response 27

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	146.08#
176.00	19.10	82.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

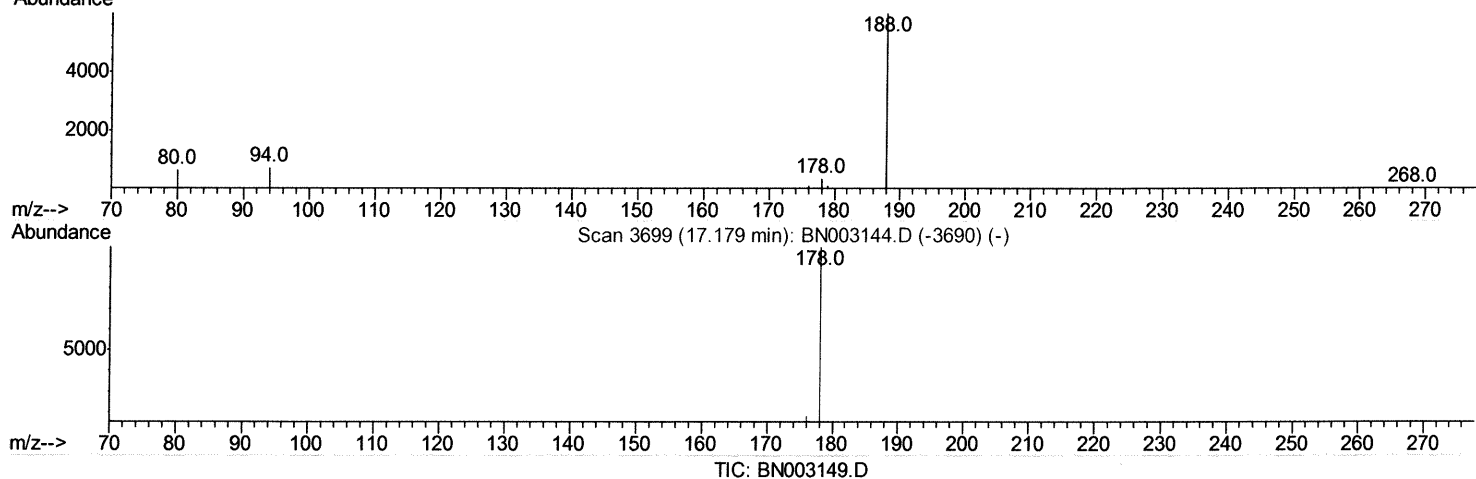
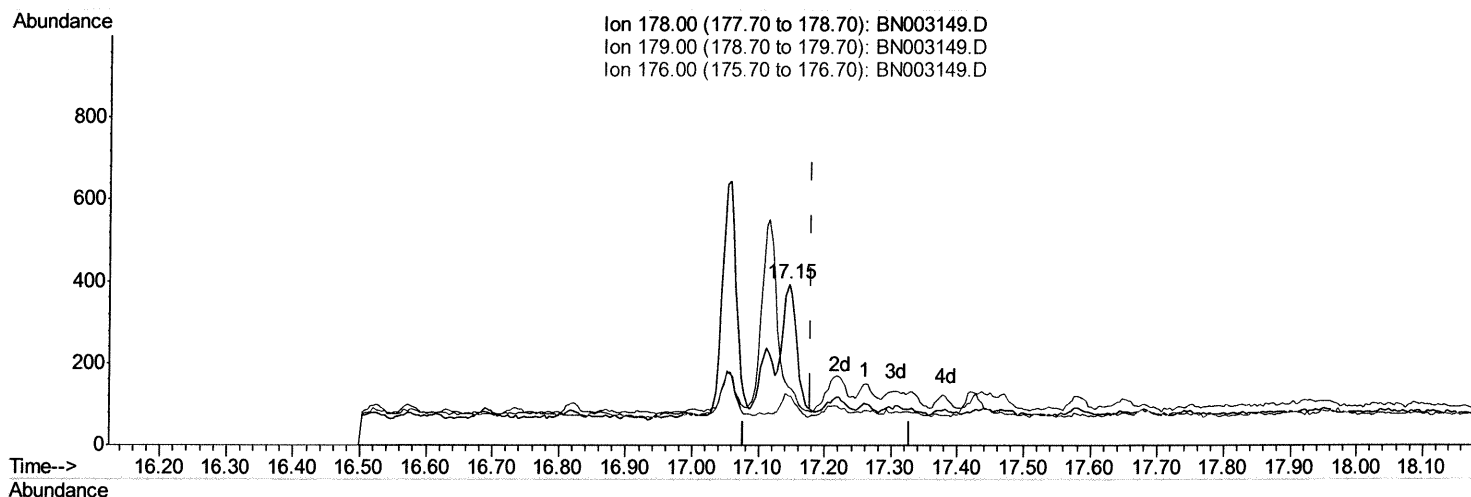
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003149.D
Acq On : 12 Oct 2018 21:01
Operator : MJ/SJ
Sample : J5234-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations
APPROVED

Sohil
10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:26:11 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 : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration



(13) Anthracene

17.145min (-0.034) 0.02ng/ul m

5710/19/18

response 533

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	36.04#
176.00	19.10	30.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

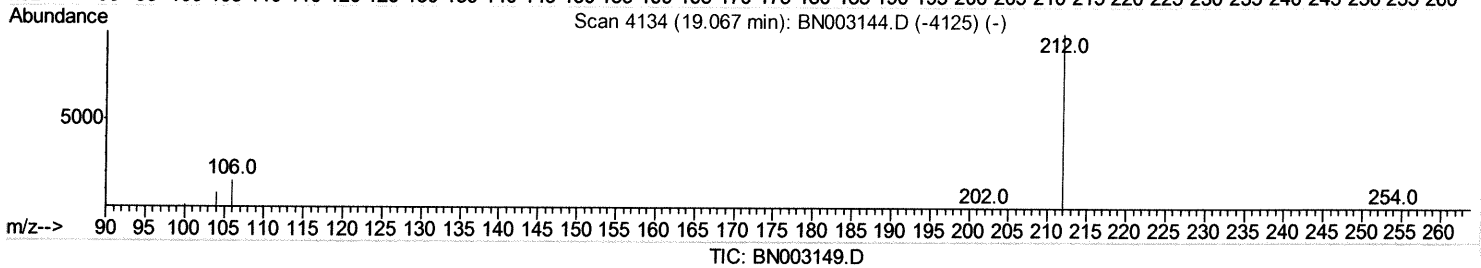
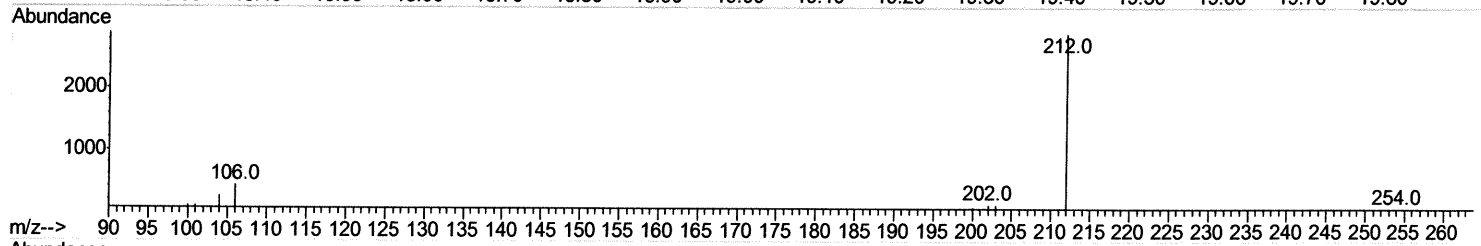
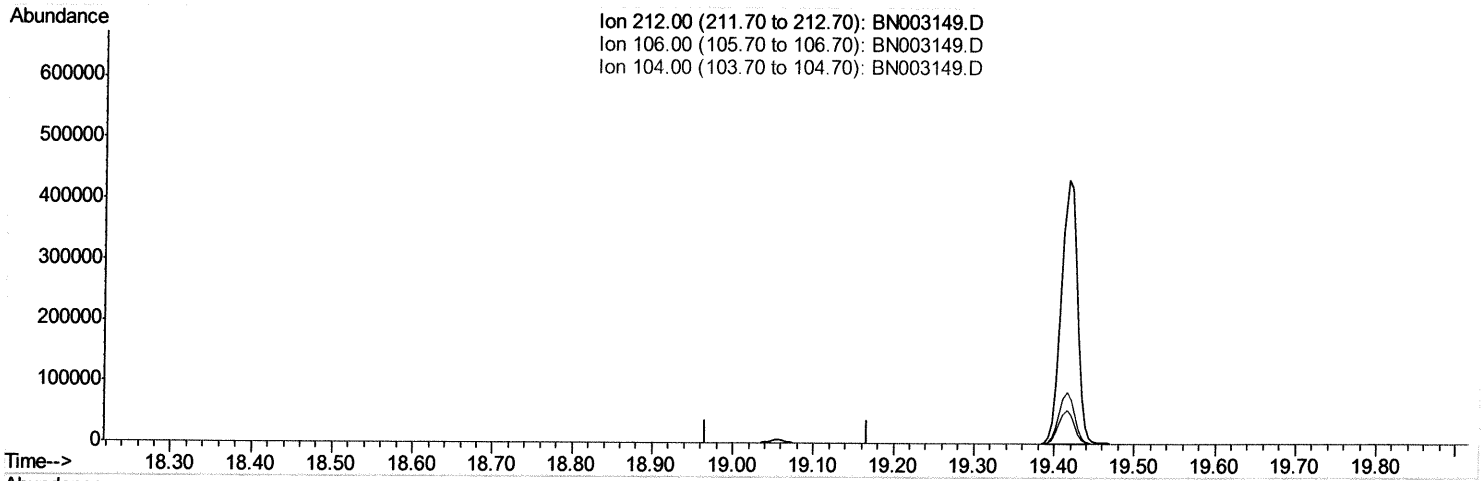
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003149.D
 Acq On : 12 Oct 2018 21:01
 Operator : MJ/SJ
 Sample : J5234-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK7

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:26:11 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 : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURRE)

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)

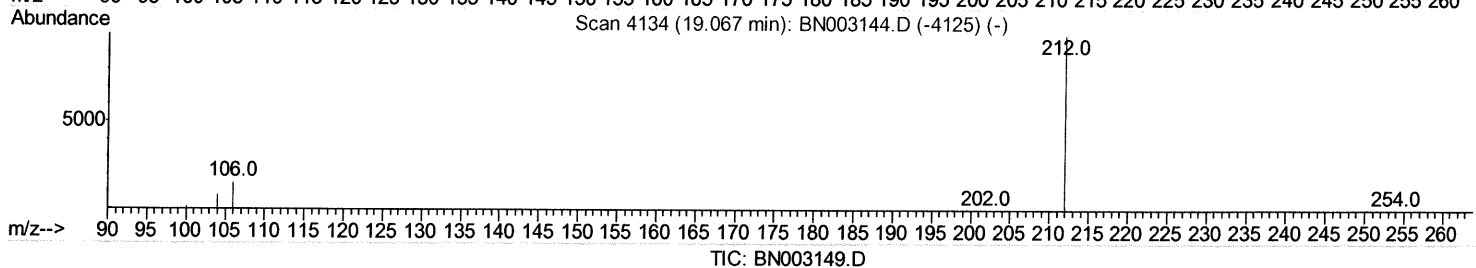
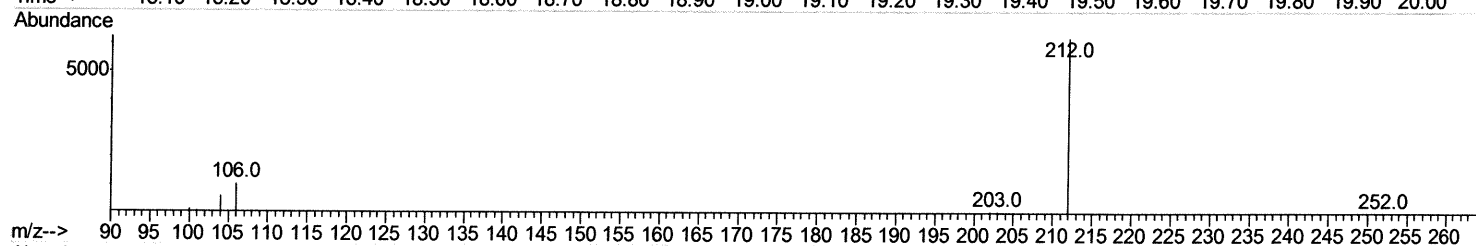
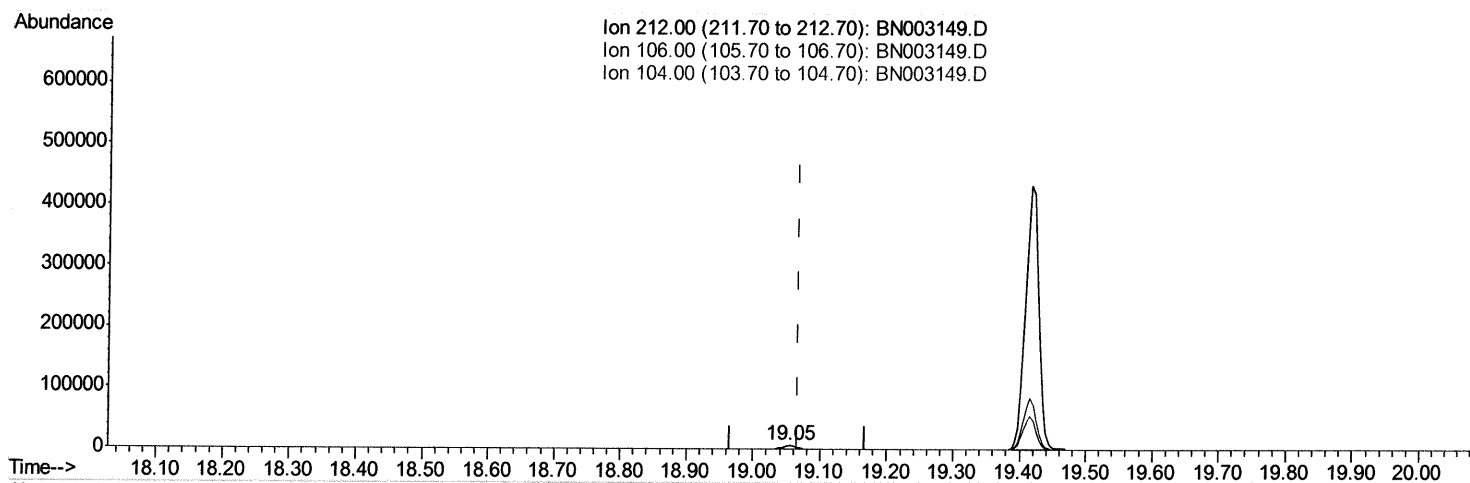
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003149.D
Acq On : 12 Oct 2018 21:01
Operator : MJ/SJ
Sample : J5234-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK7

Manual Integrations
APPROVED

Sohil
10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:26:11 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 : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.053min (-0.014) 0.36ng/ul m

response 8953

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)

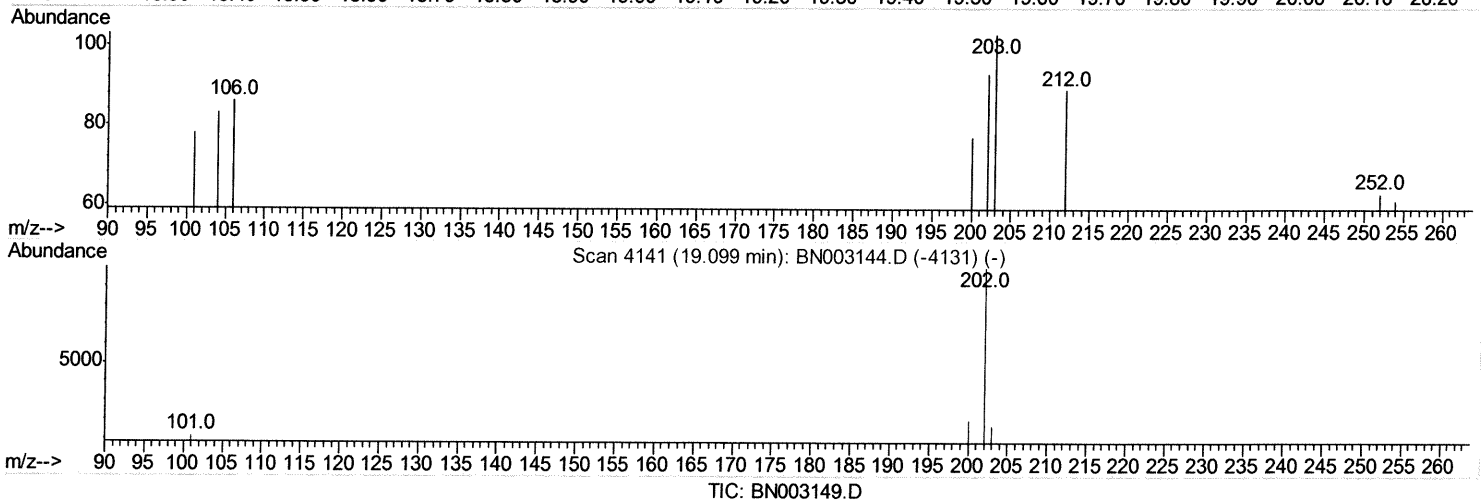
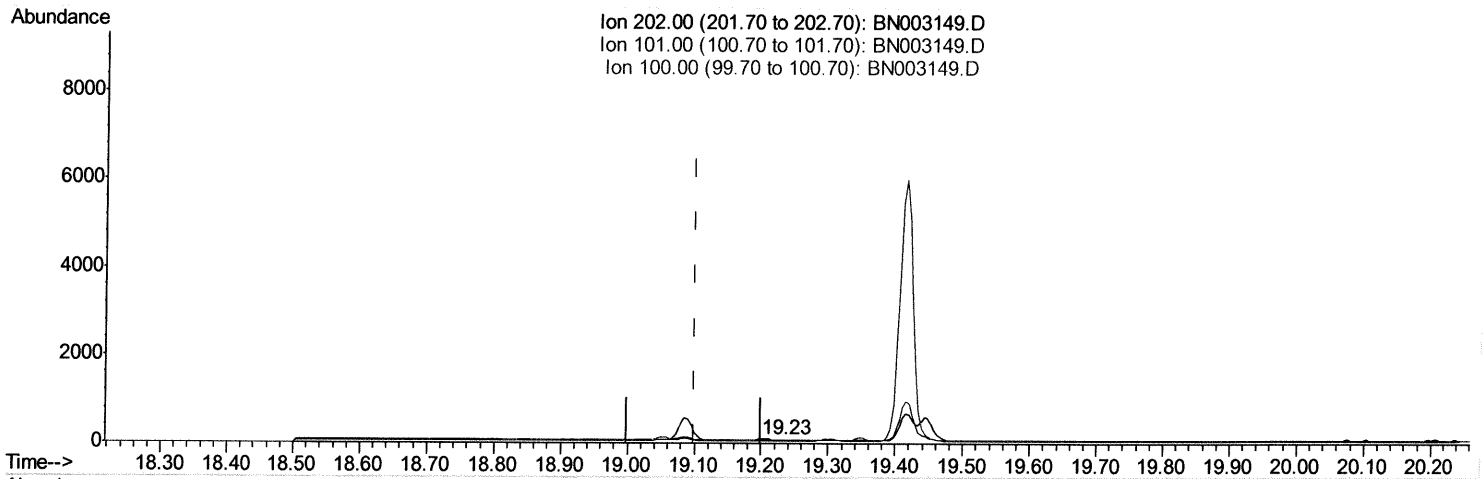
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 Data File : BN003149.D
 Acq On : 12 Oct 2018 21:01
 Operator : MJ/SJ
 Sample : J5234-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK7

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:26:11 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 : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.234min (+0.135) 0.00ng/ul

response 26

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	83.87#
100.00	9.10	63.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

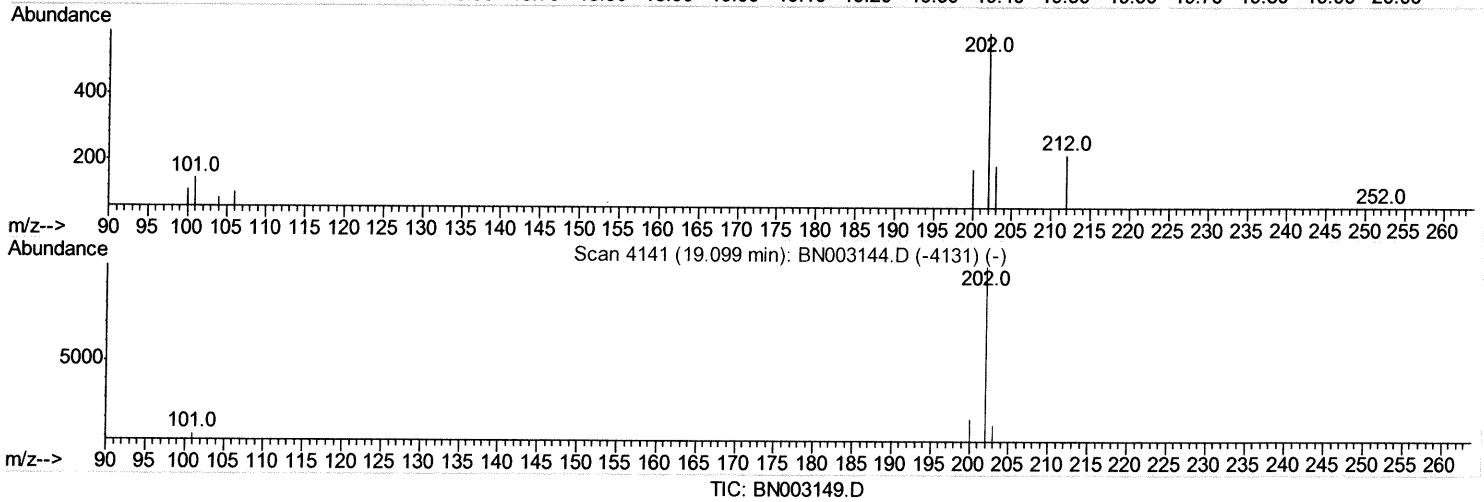
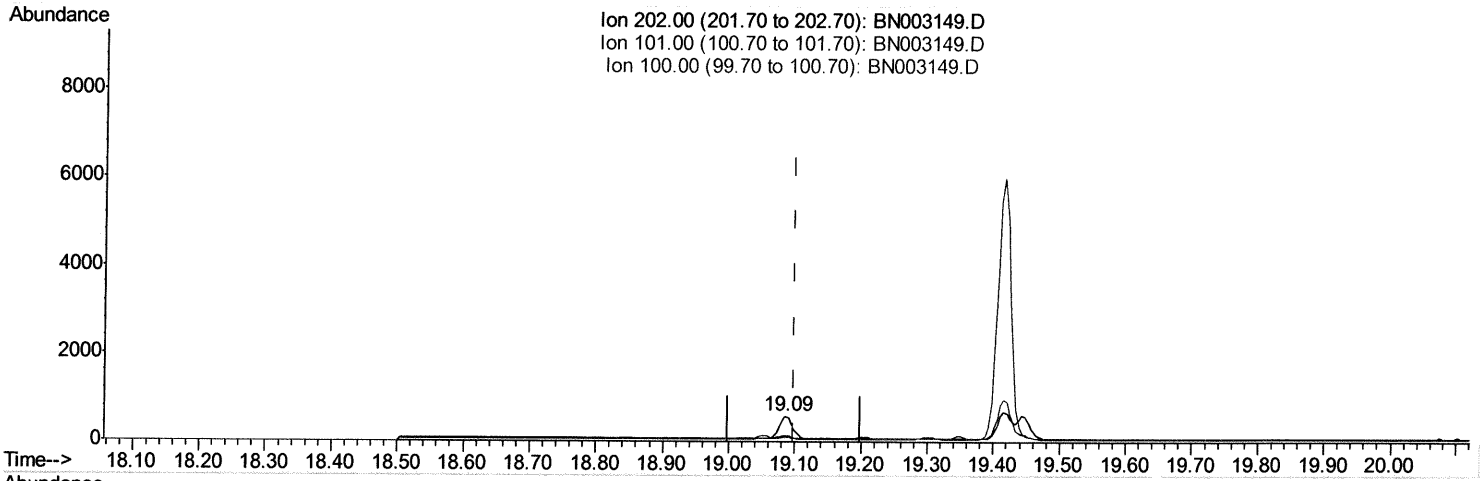
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 Data File : BN003149.D
 Acq On : 12 Oct 2018 21:01
 Operator : MJ/SJ
 Sample : J5234-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK7

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:26:11 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 : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.086min (-0.014) 0.02ng/ul m

response 695

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	24.66
100.00	9.10	18.71
0.00	0.00	0.00

Quantitation Report (Qedit)

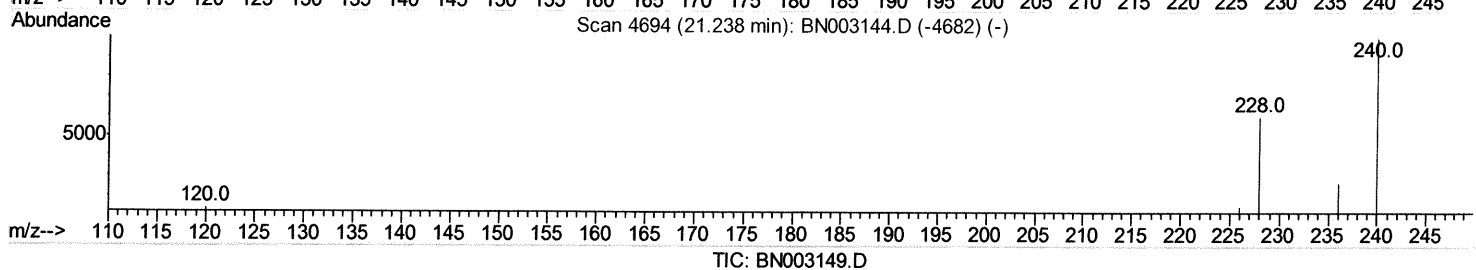
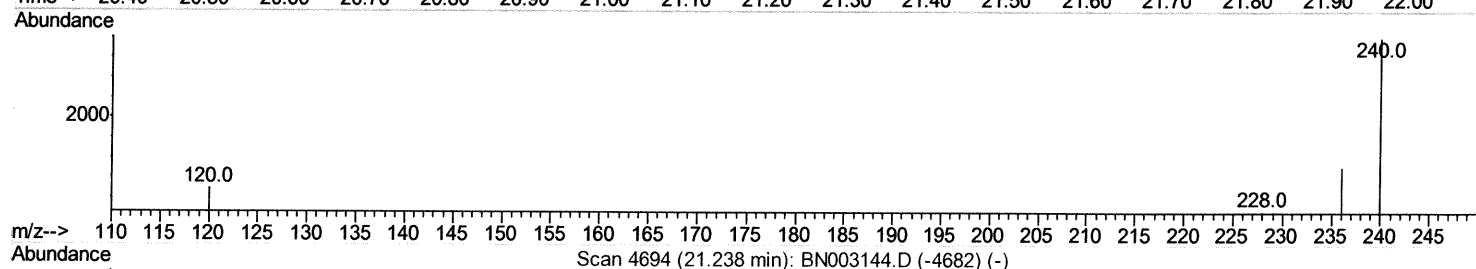
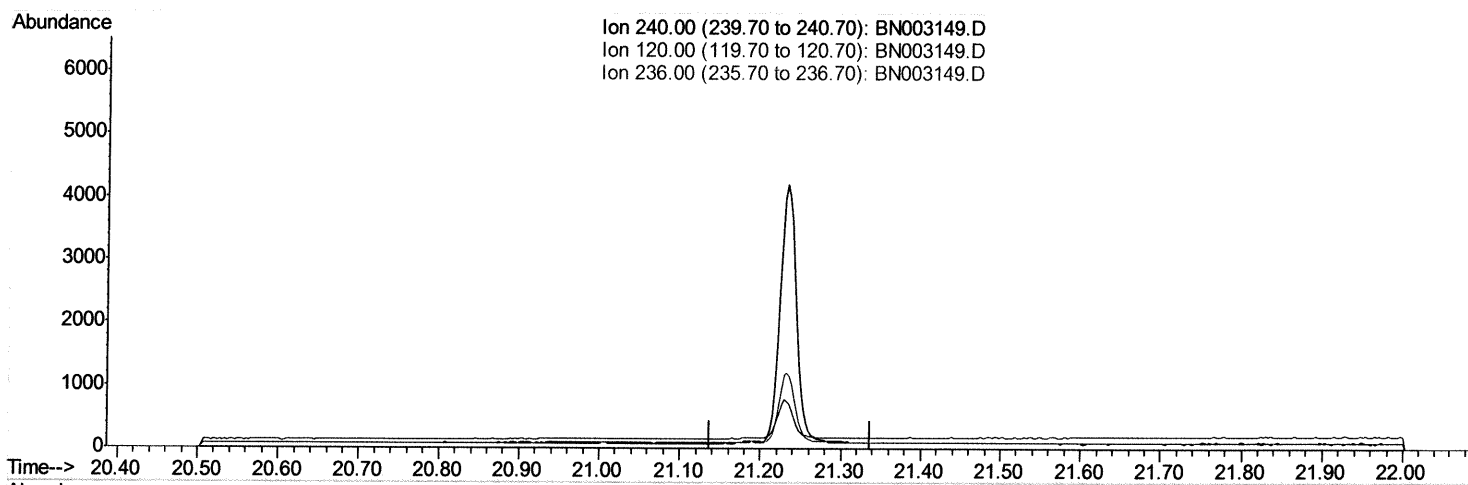
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003149.D
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Operator : MJ/SJ
Sample : J5234-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
10/15/2018 4:14:52 PM

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Response via : Initial Calibration



(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)

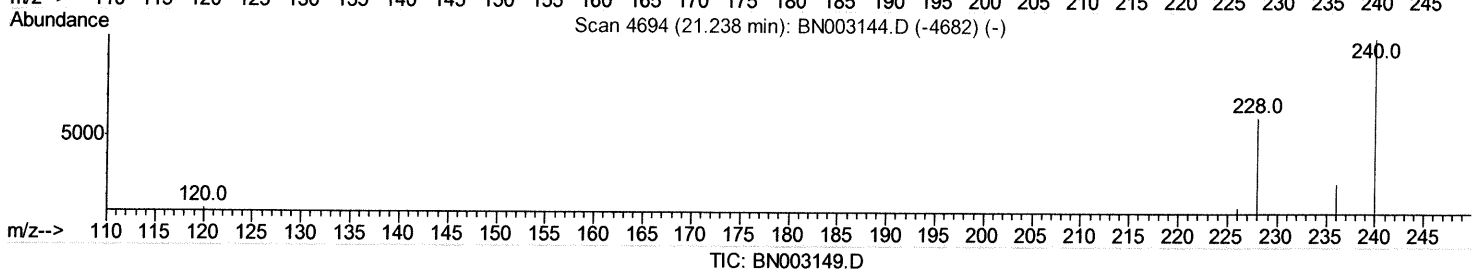
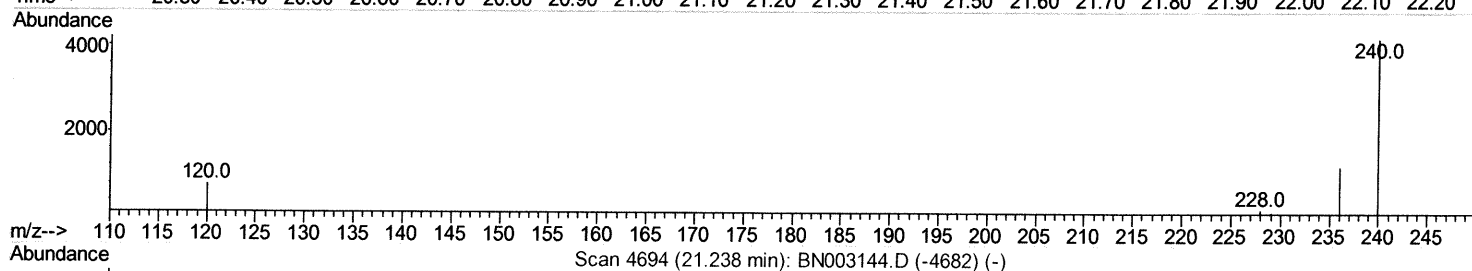
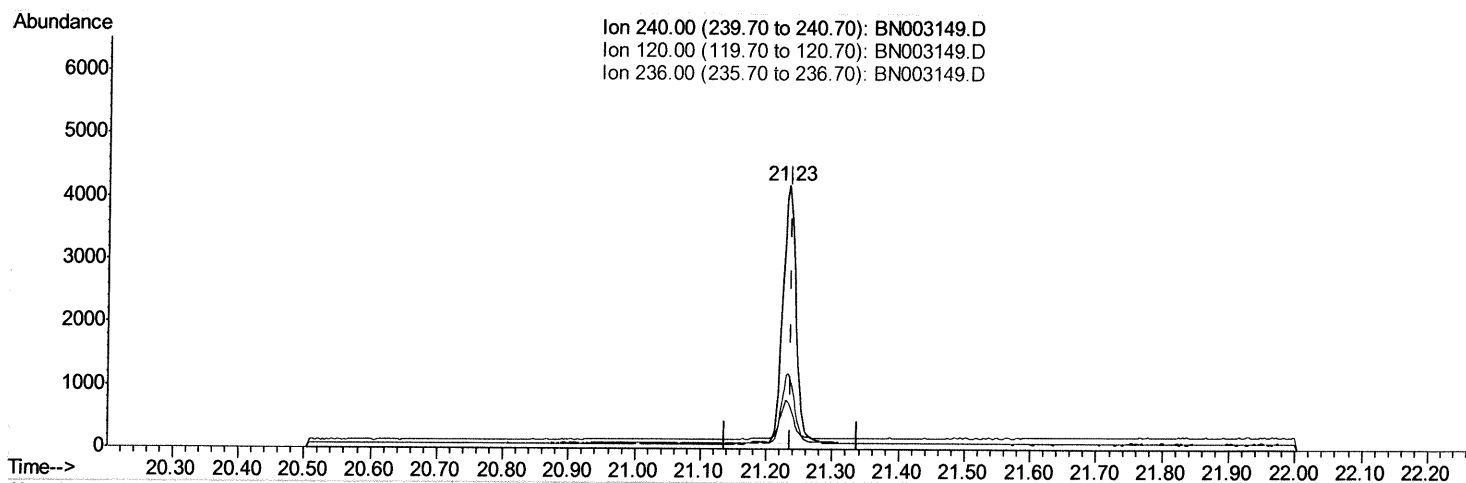
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003149.D
 Acq On : 12 Oct 2018 21:01
 Operator : MJ/SJ
 Sample : J5234-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK7

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:26:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.232min (-0.006) 0.40ng/ul m

SJ 10/19/18

response 5638

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	17.92
236.00	28.10	28.62
0.00	0.00	0.00

Quantitation Report (Qedit)

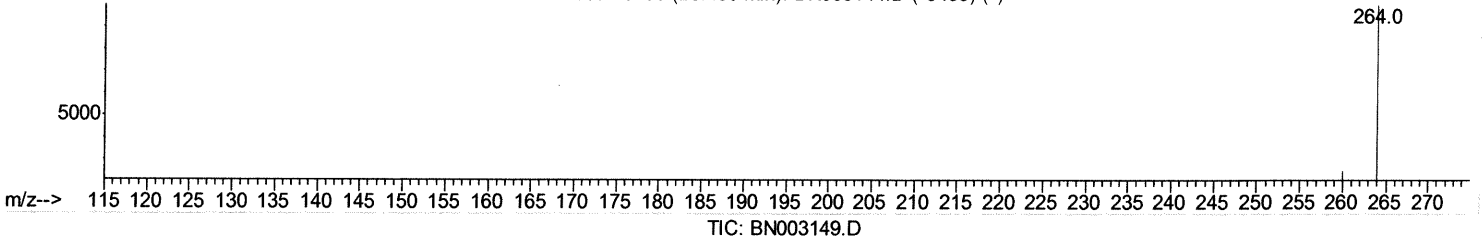
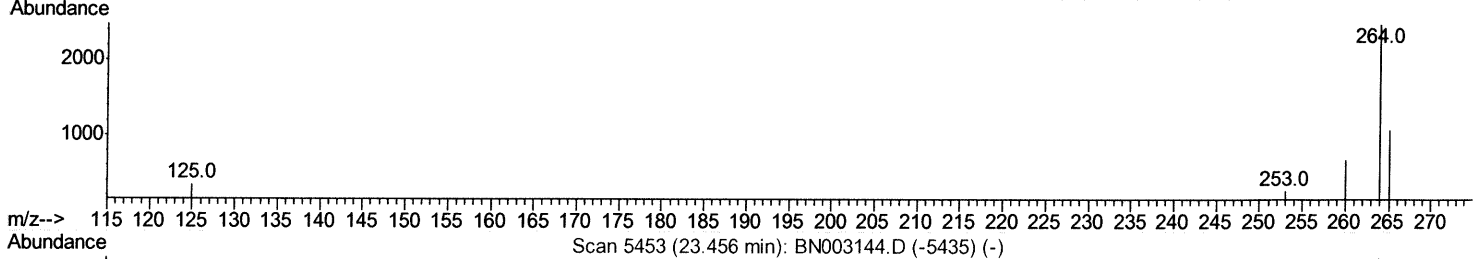
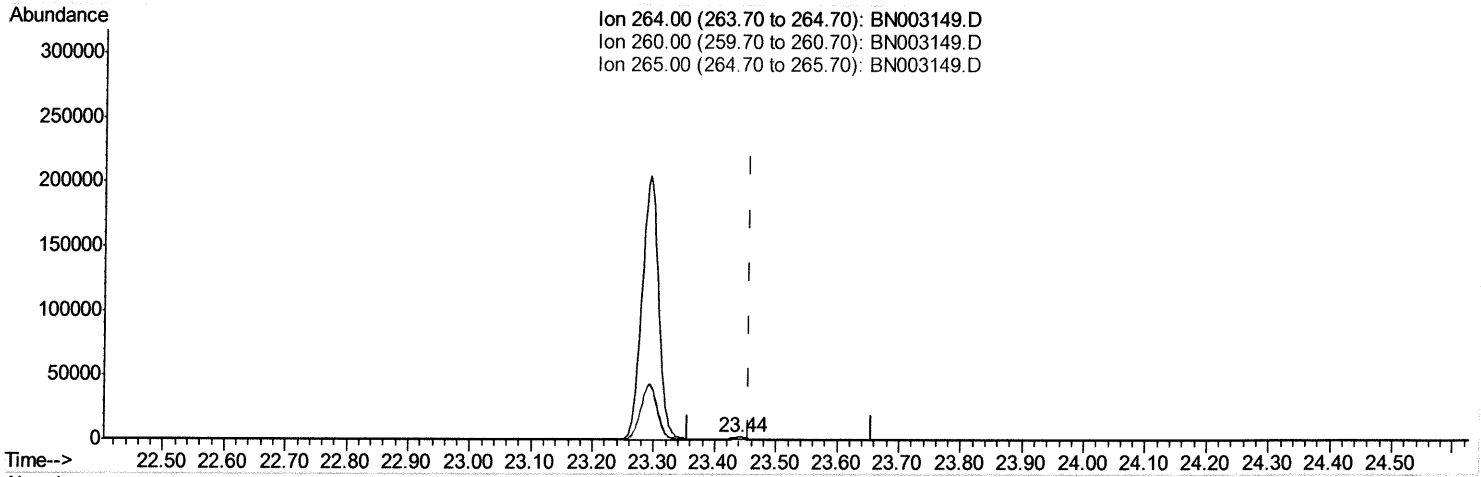
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003149.D
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 Operator : MJ/SJ
 Sample : J5234-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:27:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.442min (-0.015) 0.40ng/ul

response 5450

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	27.25
265.00	45.40	43.32
0.00	0.00	0.00

Quantitation Report (Qedit)

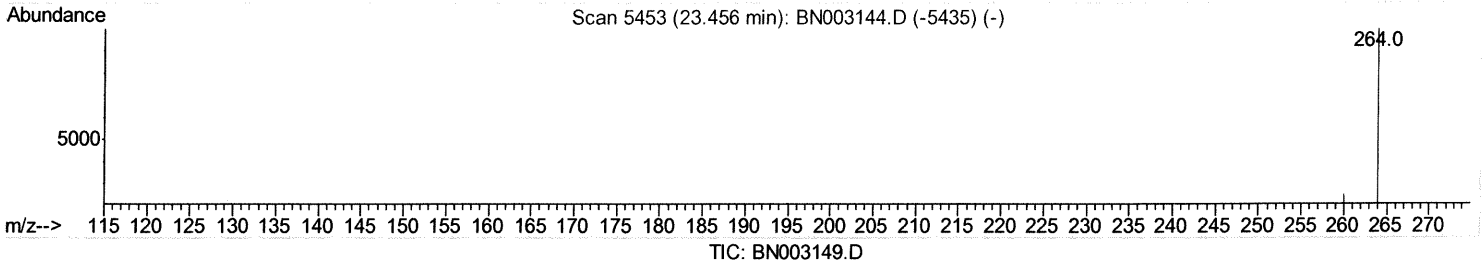
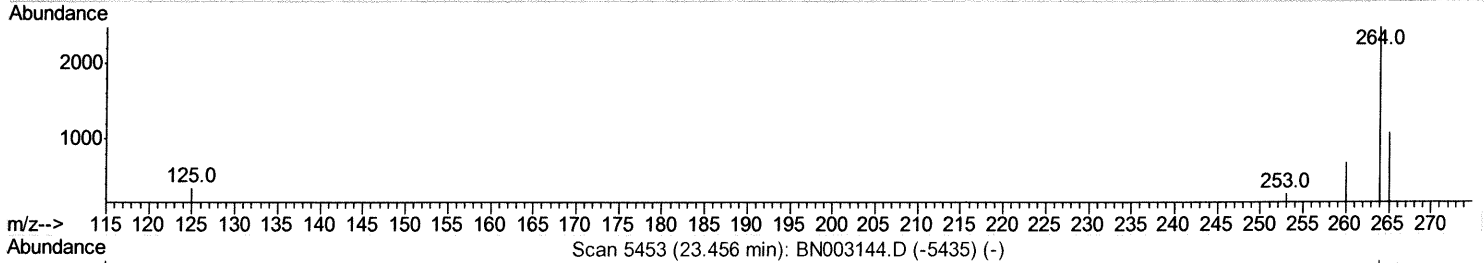
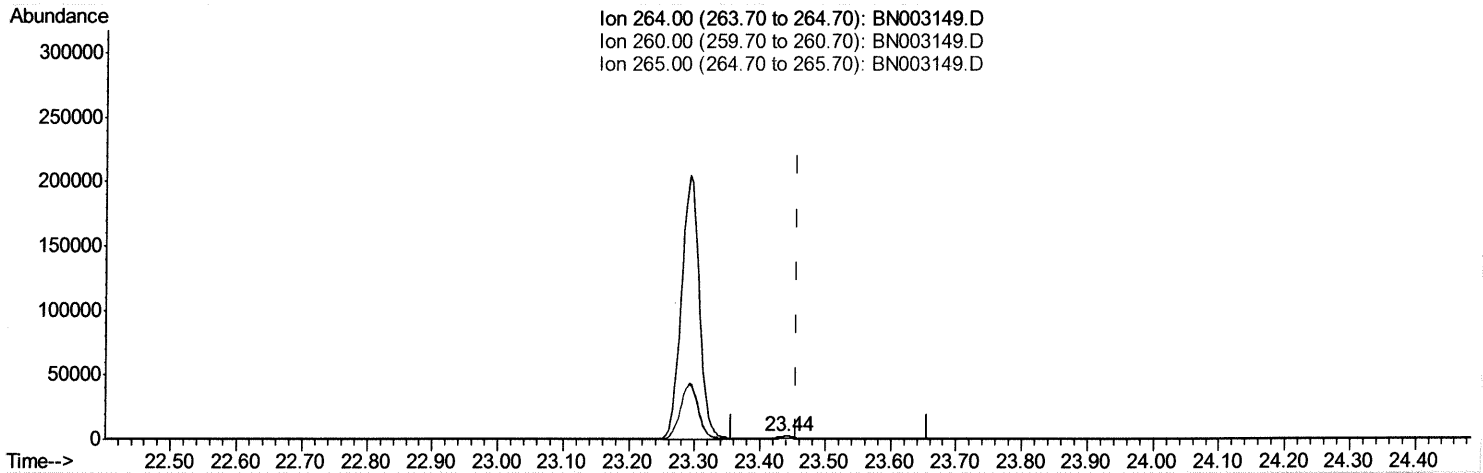
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003149.D
 Acq On : 12 Oct 2018 21:01
 Operator : MJ/SJ
 Sample : J5234-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C0AK7

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:27:53 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 : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.442min (-0.015) 0.40ng/ul m

response 4374

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	27.25
265.00	45.40	43.32
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003149.D
 Acq On : 12 Oct 2018 21:01
 Operator : MJ/SJ
 Sample : J5234-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK7

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:52 PM

Quant Time: Oct 13 05:28:52 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 : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1594	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6693	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4031	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8698m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5638m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4374m	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.00	152	3928	0.38	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	8953m	0.36	ng/ul	-0.01

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.44	128	1052	0.061	ng/ul#	84
5) 2-Methylnaphthalene	12.08	142	1142	0.097	ng/ul	97
9) Fluorene	15.32	166	632	0.039	ng/ul#	96
12) Phenanthrene	17.06	178	843m	0.035	ng/ul	
13) Anthracene	17.15	178	533m	0.023	ng/ul	
15) Fluoranthene	19.09	202	695m	0.024	ng/ul	

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