

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Data File : BN004139.D
Acq On : 20 Dec 2018 06:10
Operator : JU/SJ
Sample : J6297-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

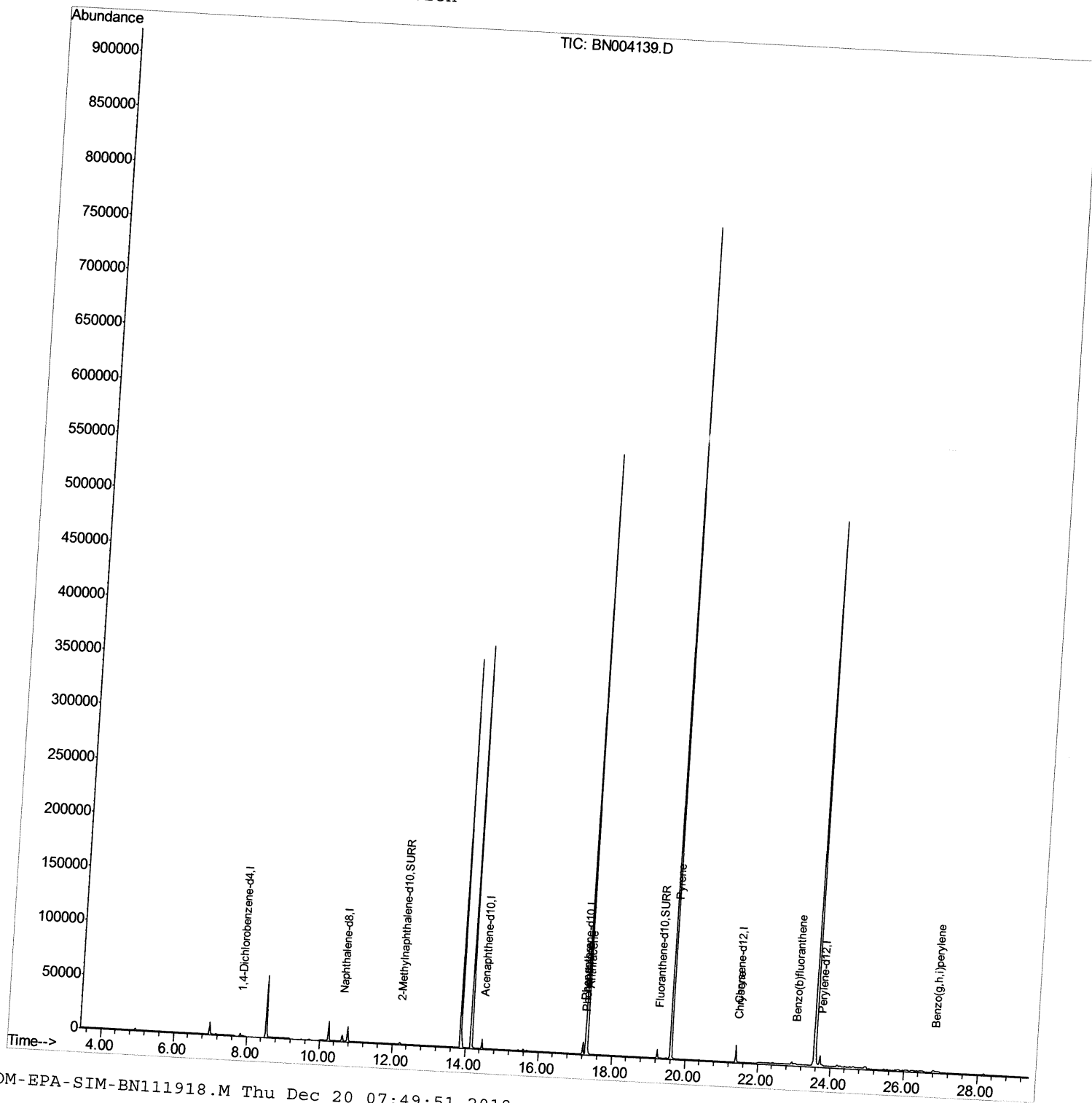
Quantitation Report (QT Reviewed)

Instrument :
BNA_N
ClientSampleId :
F9F51

Manual Integrations
APPROVED

Sohil
12/20/2018 2:04:07 PM

Quant Time: Dec 20 07:51:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration



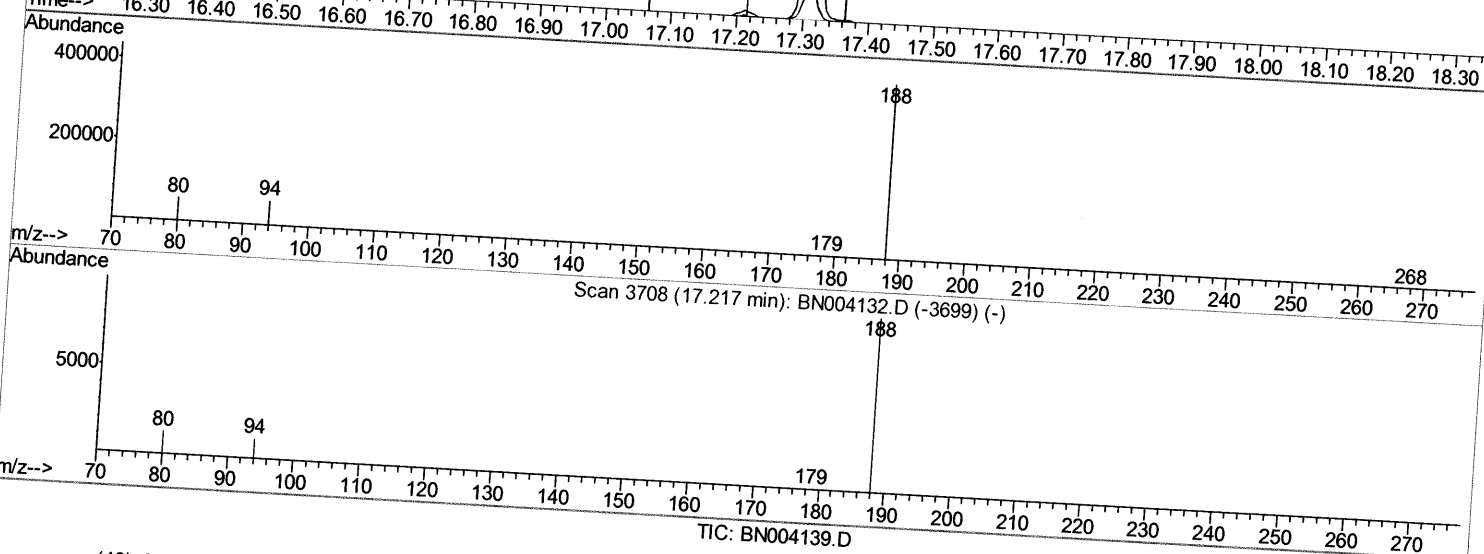
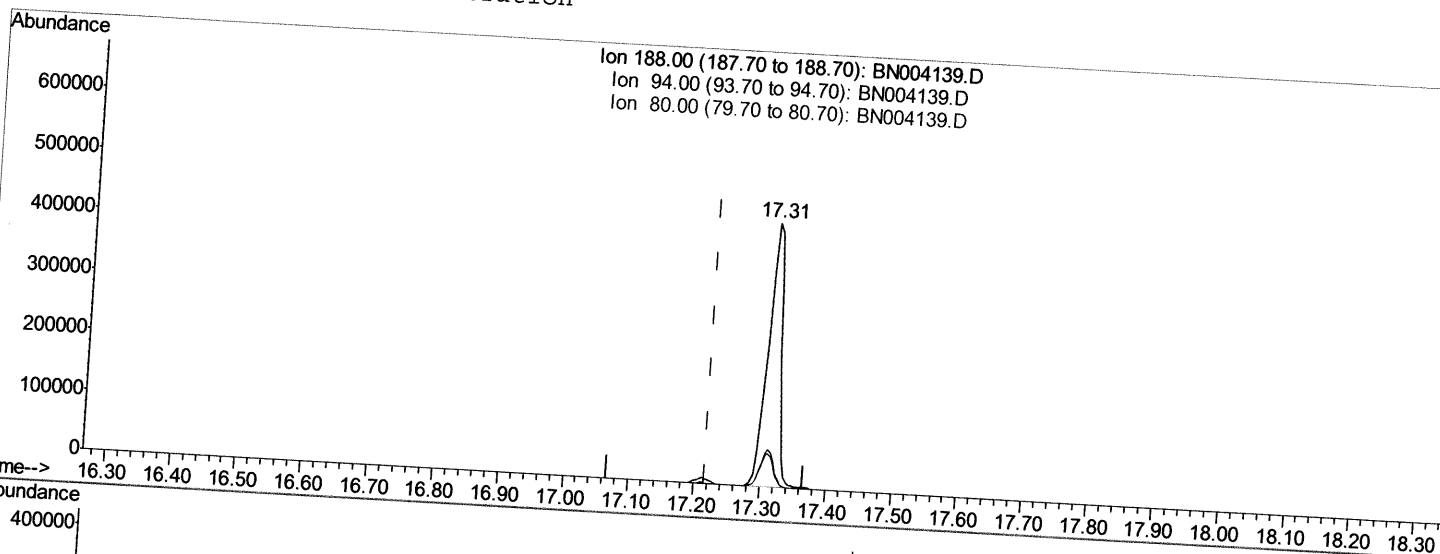
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Data File : BN004139.D
Acq On : 20 Dec 2018 06:10
Operator : JU/SJ
Sample : J6297-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F51

Manual Integrations
APPROVED

Sohil
12/20/2018 2:04:07 PM

Quant Time: Dec 20 07:21:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.310min (+0.093) 0.40ng/ul

response 608277

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	14.03#
80.00	11.60	12.78
0.00	0.00	0.00

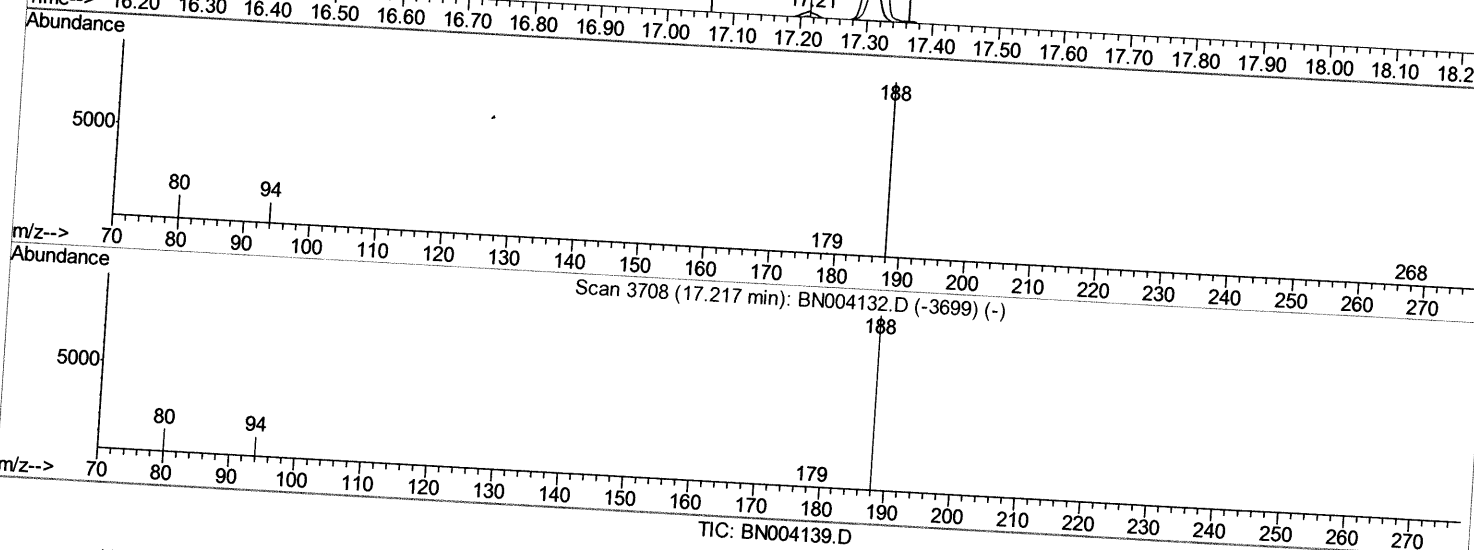
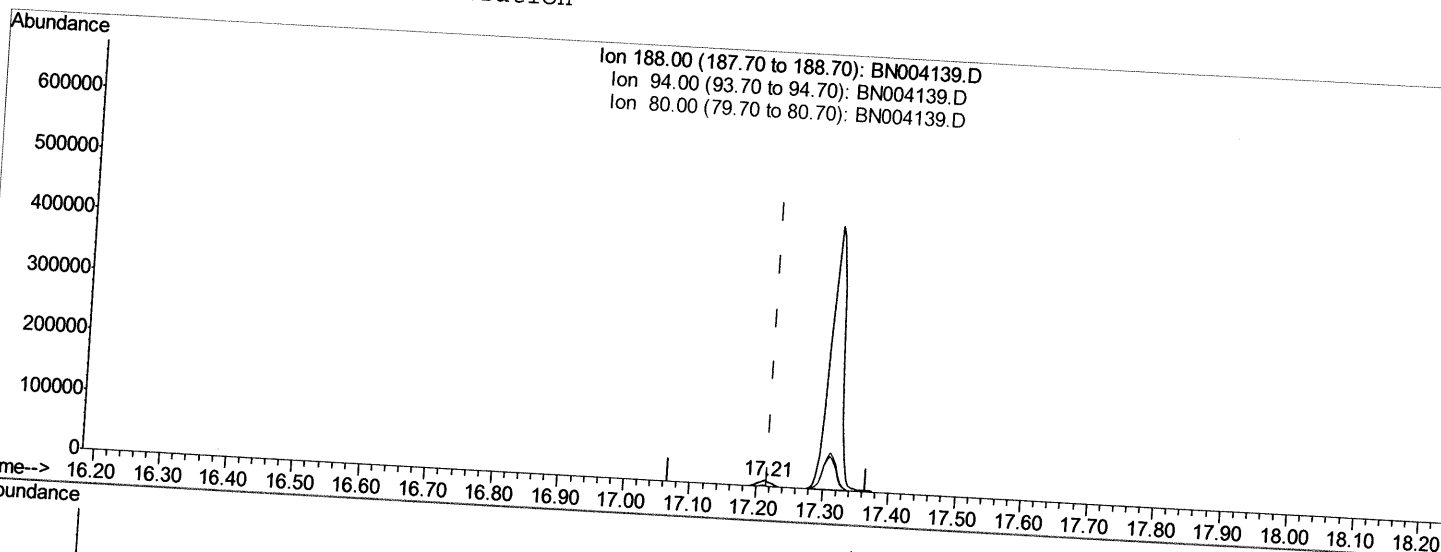
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Data File : BN004139.D
Acq On : 20 Dec 2018 06:10
Operator : JU/SJ
Sample : J6297-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F51

Manual Integrations
APPROVED

Sohil
12/20/2018 2:04:07 PM

Quant Time: Dec 20 07:21:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m

response 12935

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.26
80.00	11.60	13.53
0.00	0.00	0.00

> SJ
12/20/18

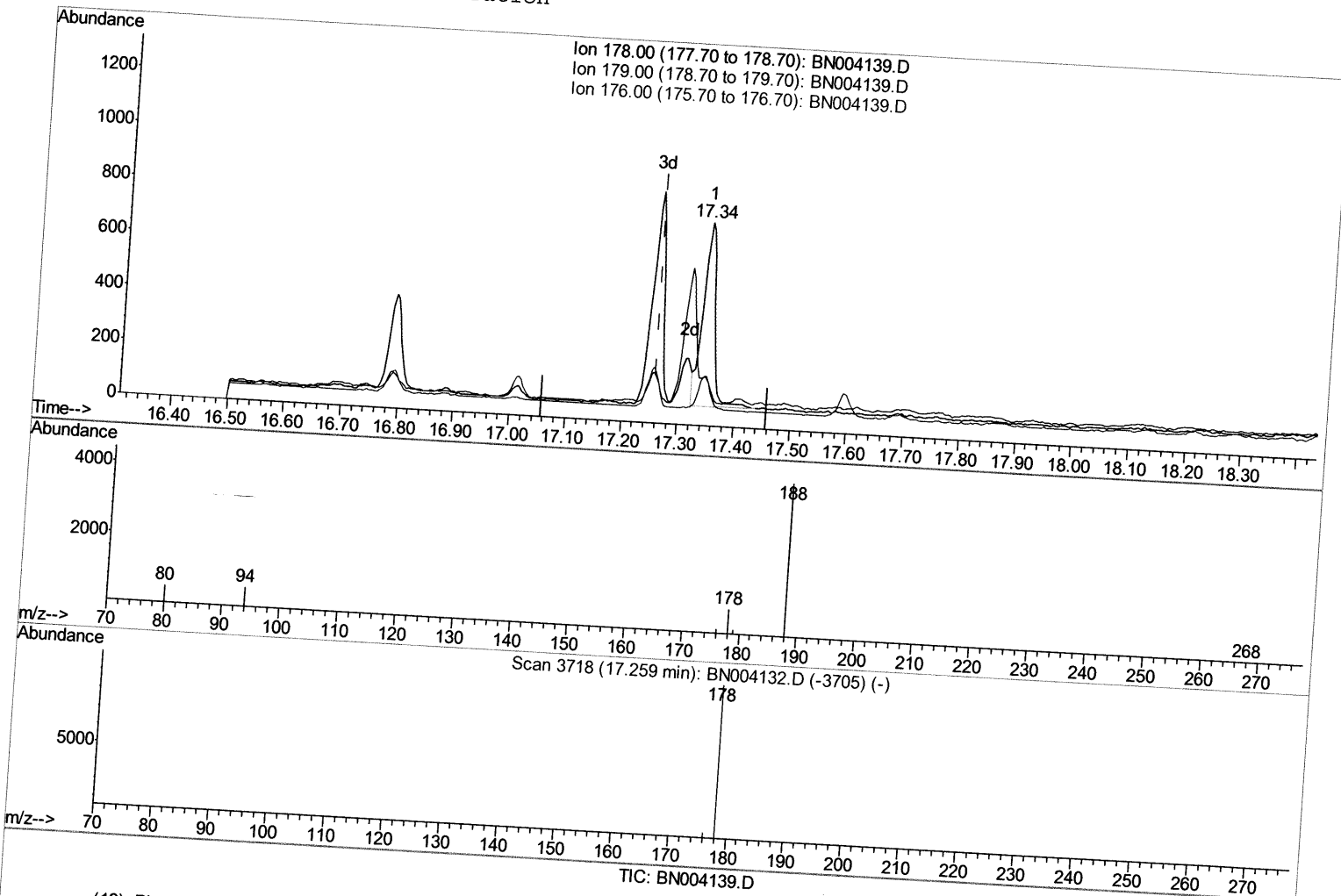
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Data File : BN004139.D
Acq On : 20 Dec 2018 06:10
Operator : JU/SJ
Sample : J6297-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F51

Manual Integrations
APPROVED

Sohil
12/20/2018 2:04:07 PM

Quant Time: Dec 20 07:48:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration



(12) Phenanthrene

17.344min (+0.085) 0.02ng/ul

response 1017

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	23.89#
176.00	18.70	24.56#
0.00	0.00	0.00

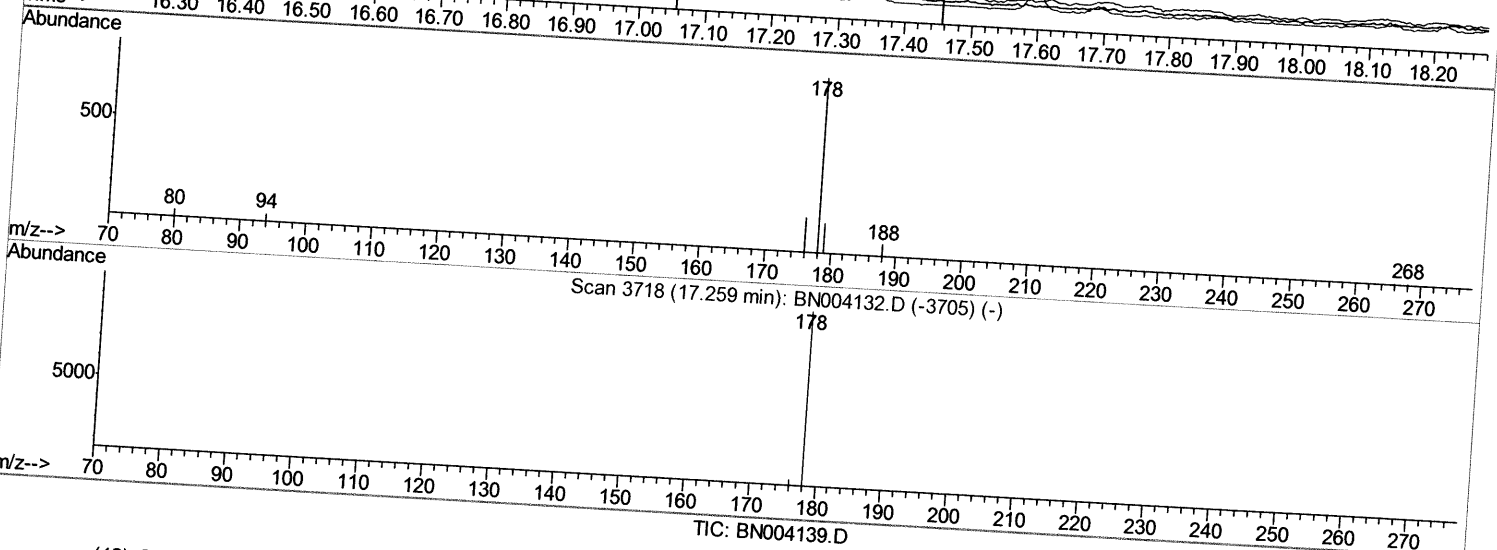
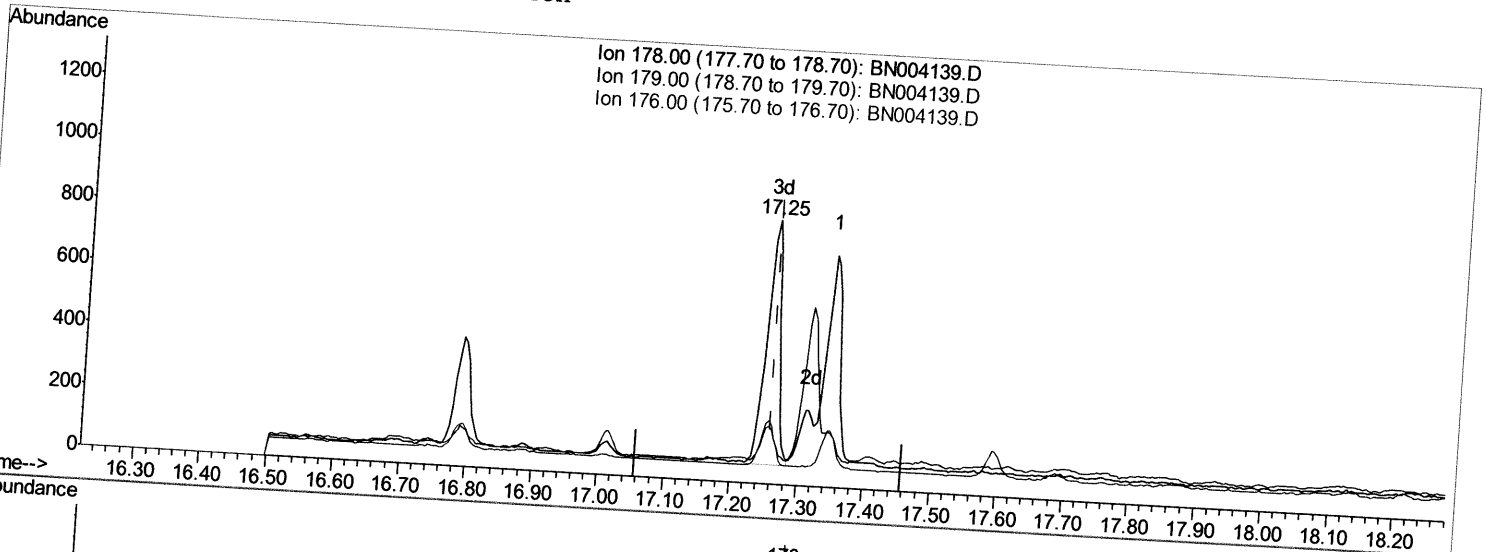
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
 Data File : BN004139.D
 Acq On : 20 Dec 2018 06:10
 Operator : JU/SJ
 Sample : J6297-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9F51

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:04:07 PM

Quant Time: Dec 20 07:48:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 07:15:48 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.255min (-0.004) 0.03ng/ul m

> 53
 12/20/18

response 1094

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	21.70#
176.00	18.70	24.29#
0.00	0.00	0.00

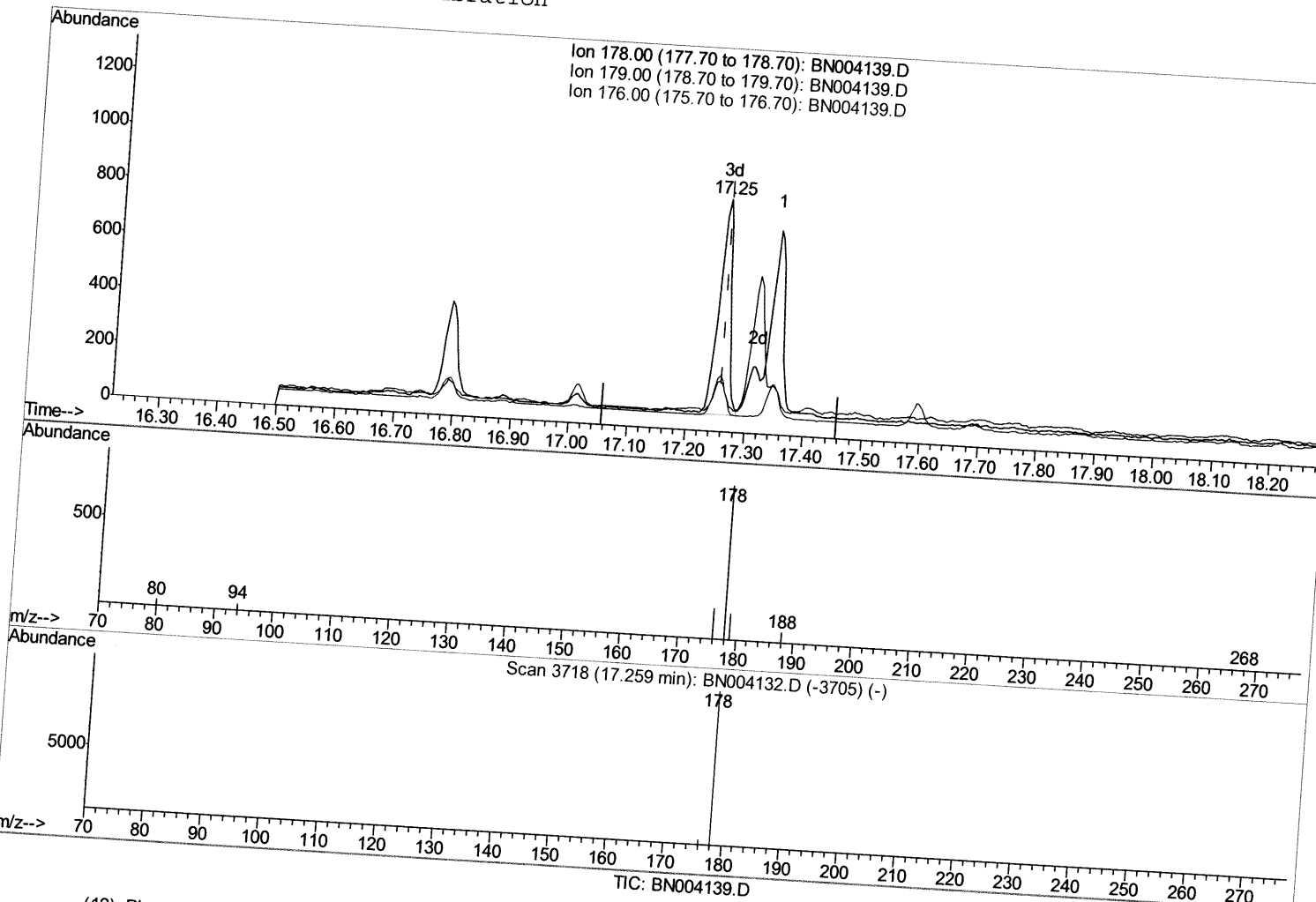
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
 Data File : BN004139.D
 Acq On : 20 Dec 2018 06:10
 Operator : JU/SJ
 Sample : J6297-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9F51

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:04:07 PM

Quant Time: Dec 20 07:48:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 07:15:48 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.255min (-0.004) 0.03ng/ul m

response 1094

SS
 12/20/18

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	21.70#
176.00	18.70	24.29#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

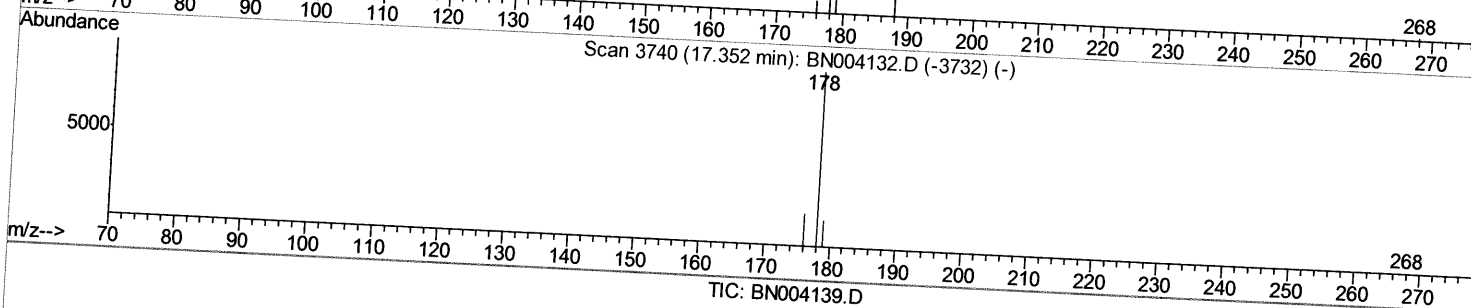
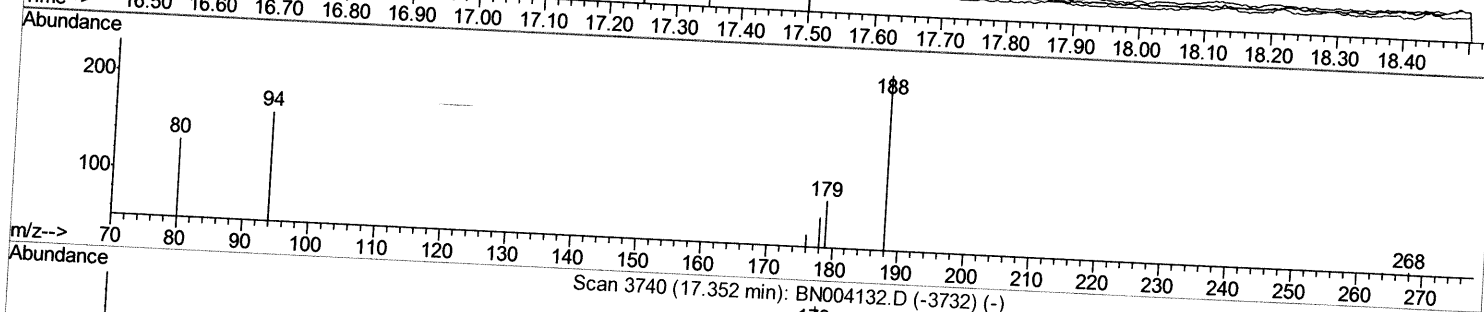
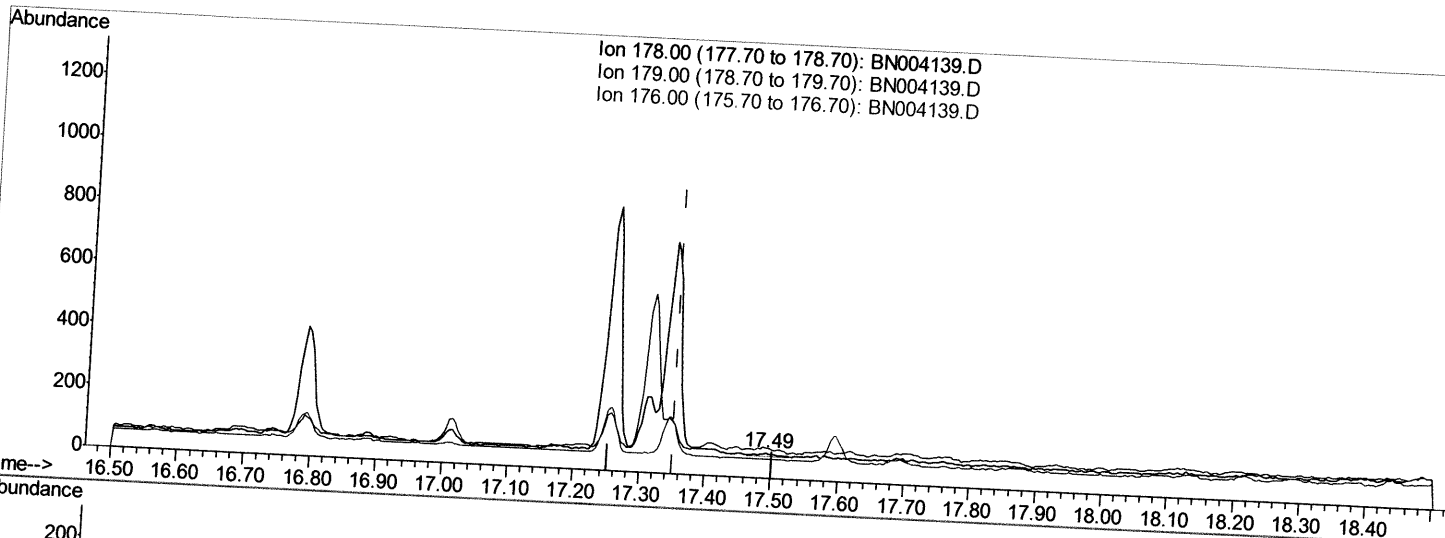
Instrument :
BNA_N
ClientSampleId :
F9F51

Manual Integrations
APPROVED

Sohil
12/20/2018 2:04:07 PM

Data File : BN004139.D
Acq On : 20 Dec 2018 06:10
Operator : JU/SJ
Sample : J6297-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 20 07:48:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration



(13) Anthracene

17.491min (+0.139) 0.00ng/ul

response 23

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	120.99#
176.00	18.50	76.54#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

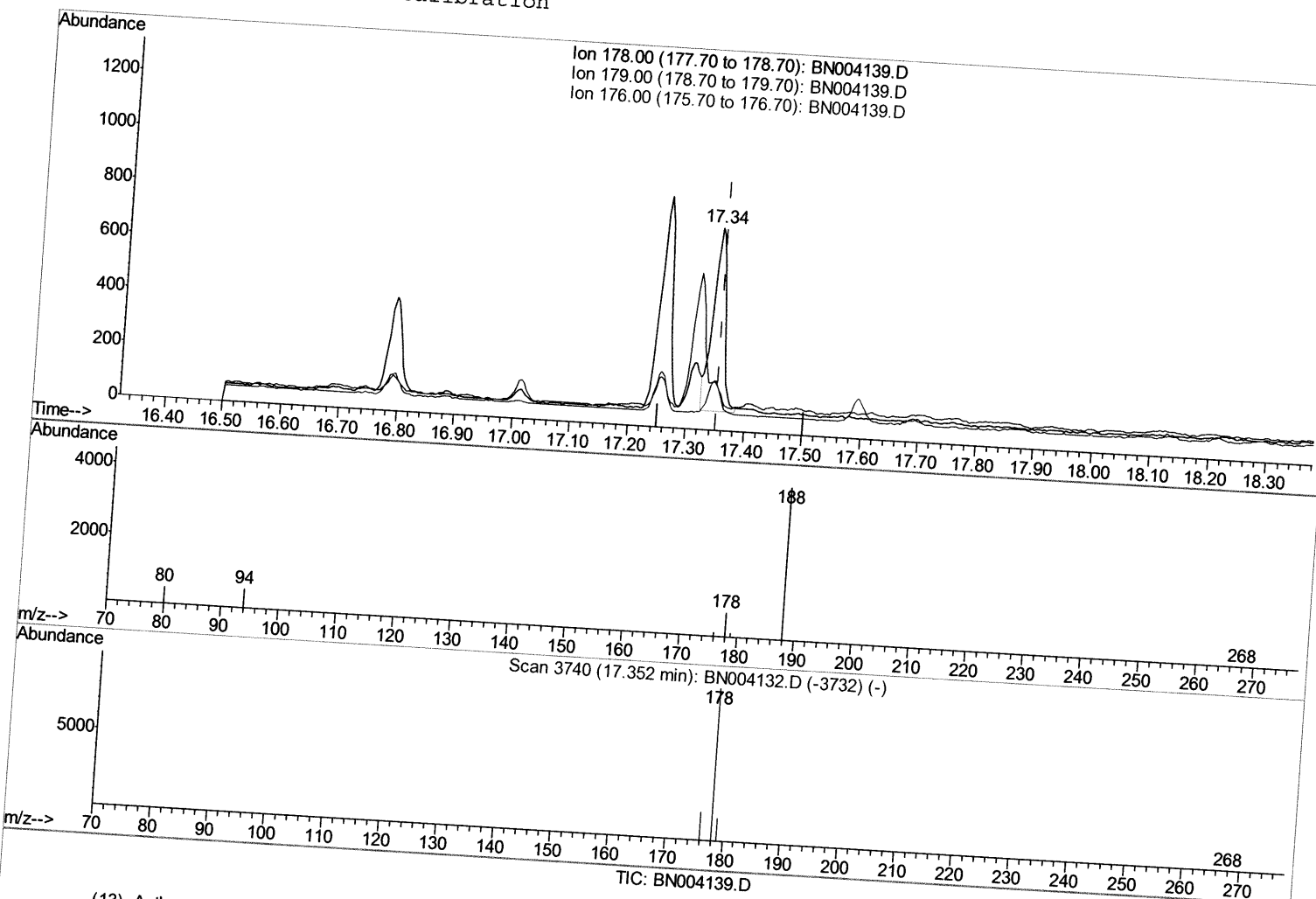
Instrument :
BNA_N
ClientSampled :
F9F51

Manual Integrations
APPROVED

Sohil
12/20/2018 2:04:07 PM

Data File : BN004139.D
Acq On : 20 Dec 2018 06:10
Operator : JU/SJ
Sample : J6297-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 20 07:48:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration



(13) Anthracene

17.344min (-0.008) 0.03ng/ul m

response 985

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	23.89#
176.00	18.50	24.56#
0.00	0.00	0.00

> SJ
12/20/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Data File : BN004139.D
Acq On : 20 Dec 2018 06:10
Operator : JU/SJ
Sample : J6297-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

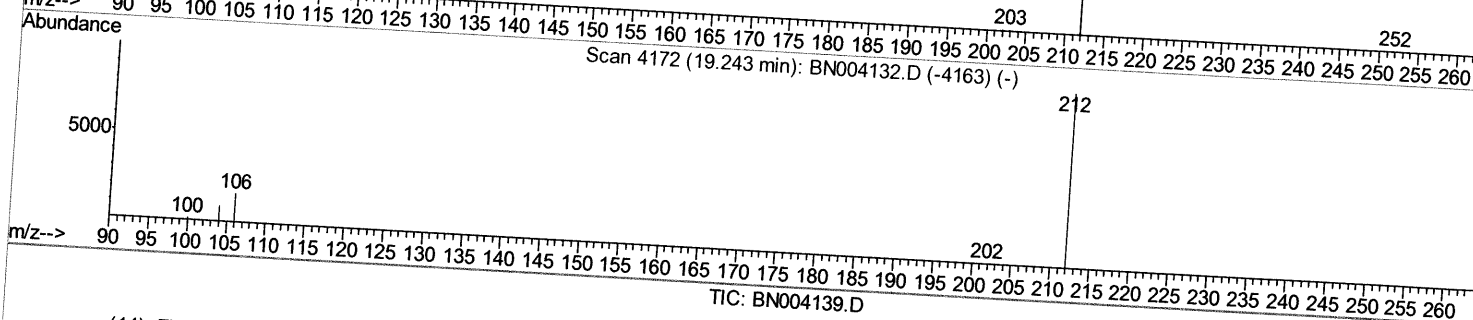
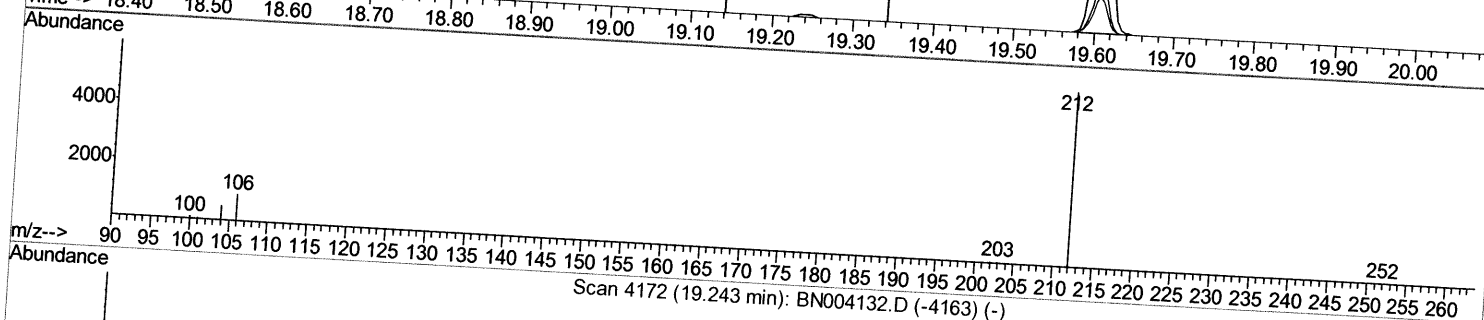
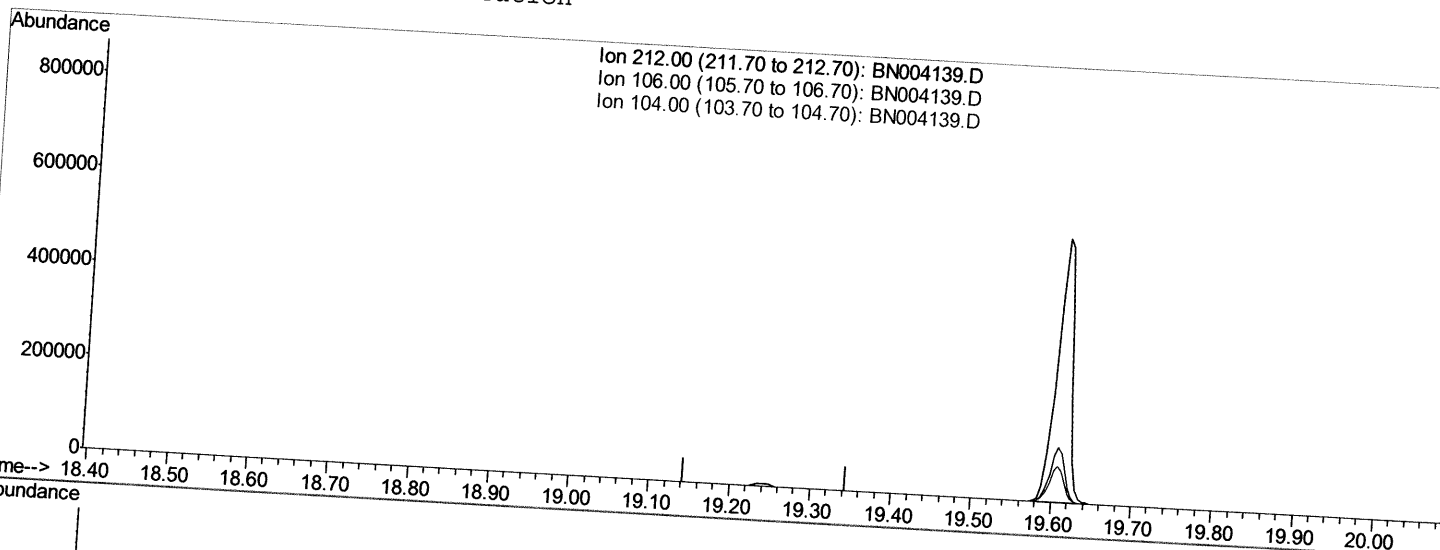
Quantitation Report (Qedit)

Instrument :
BNA_N
ClientSampleId :
F9F51

Manual Integrations
APPROVED

Sohil
12/20/2018 2:04:07 PM

Quant Time: Dec 20 07:48:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.243min (-19.243) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

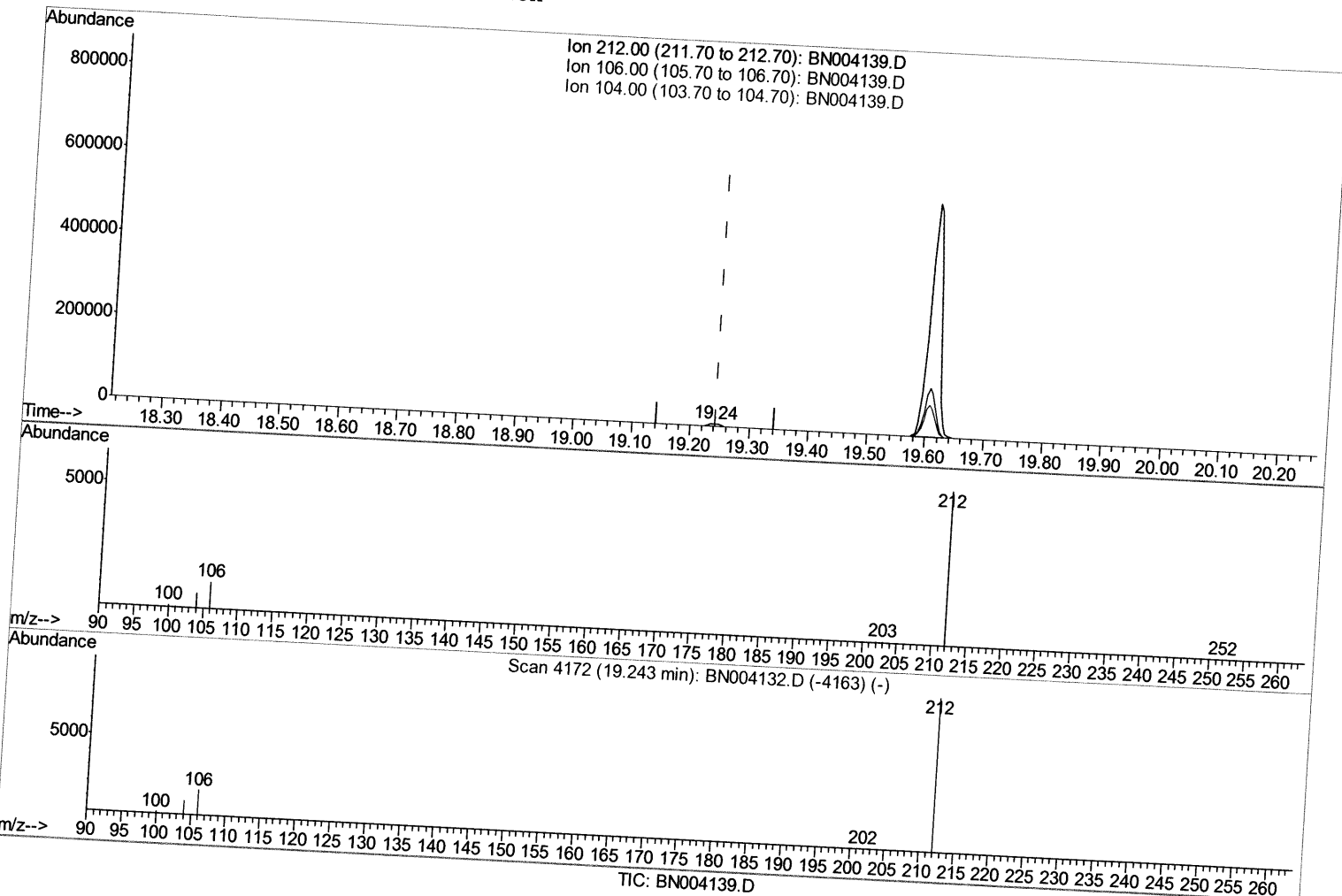
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
 Data File : BN004139.D Quantitation Report (Qedit)
 Acq On : 20 Dec 2018 06:10
 Operator : JU/SJ
 Sample : J6297-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F51

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:04:07 PM

Quant Time: Dec 20 07:48:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 07:15:48 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.239min (-0.005) 0.22ng/ul m

response 8313

> SJ
 12/20/18

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Data File : BN004139.D
Acq On : 20 Dec 2018 06:10
Operator : JU/SJ
Sample : J6297-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

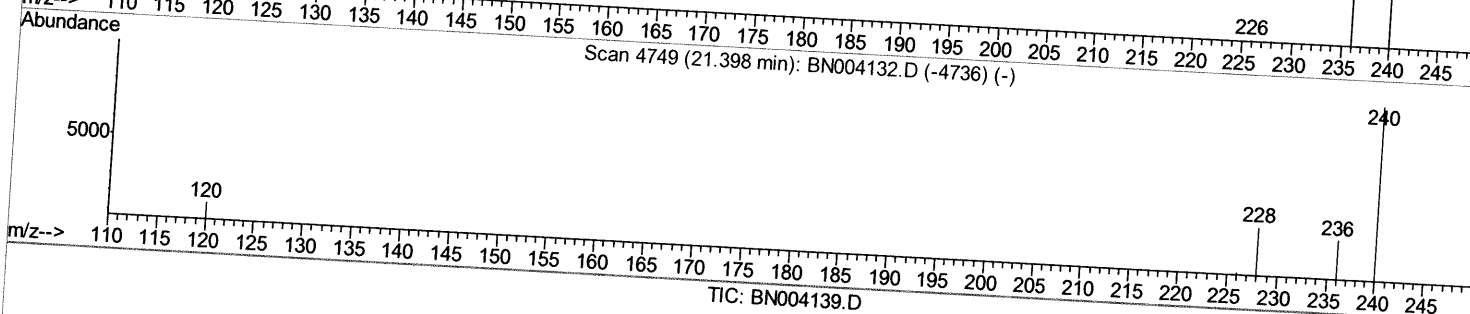
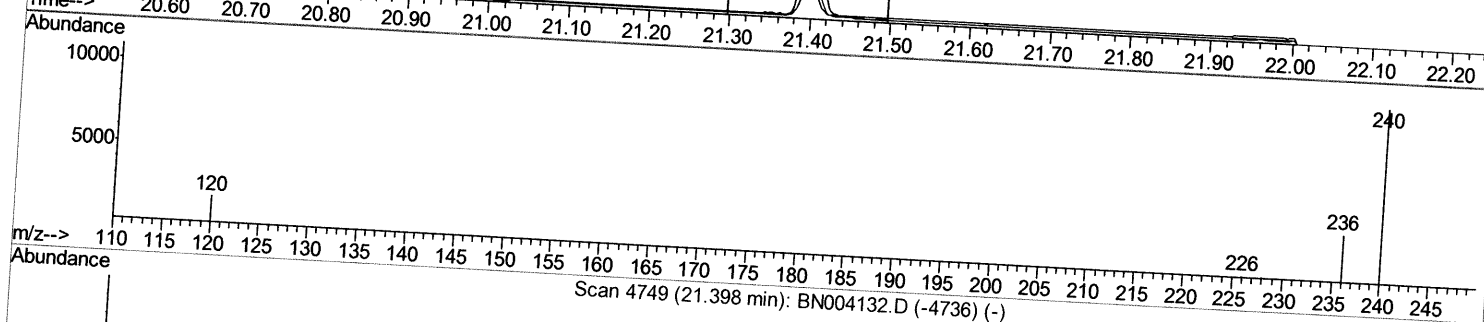
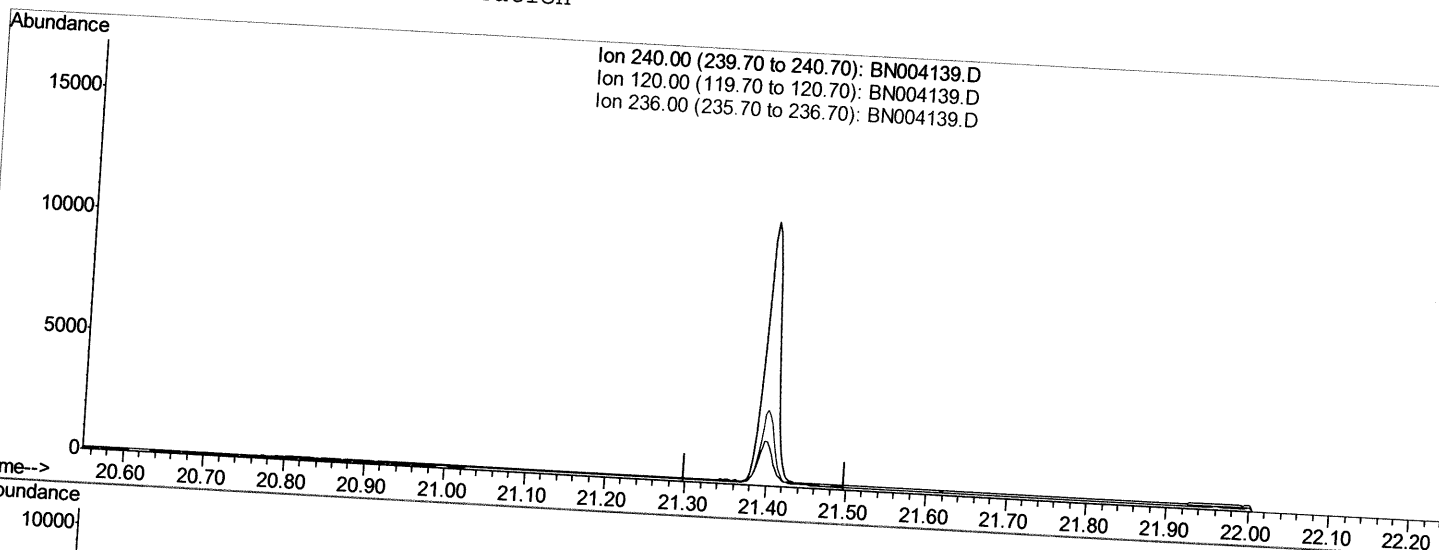
Quantitation Report (Qedit)

Instrument :
BNA_N
ClientSampled :
F9F51

Manual Integrations
APPROVED

Sohil
12/20/2018 2:04:07 PM

Quant Time: Dec 20 07:48:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.398min (-21.398) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.00	0.00#
236.00	27.60	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
 Quantitation Report (Qedit)

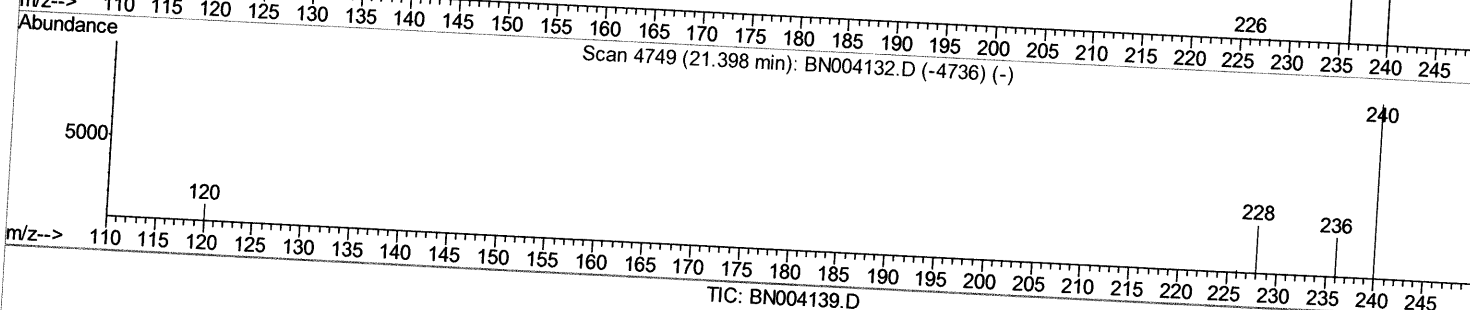
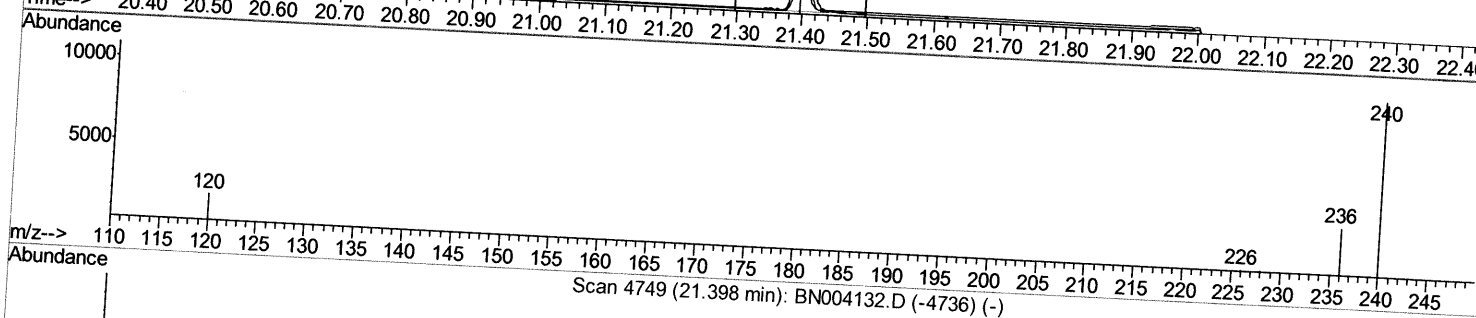
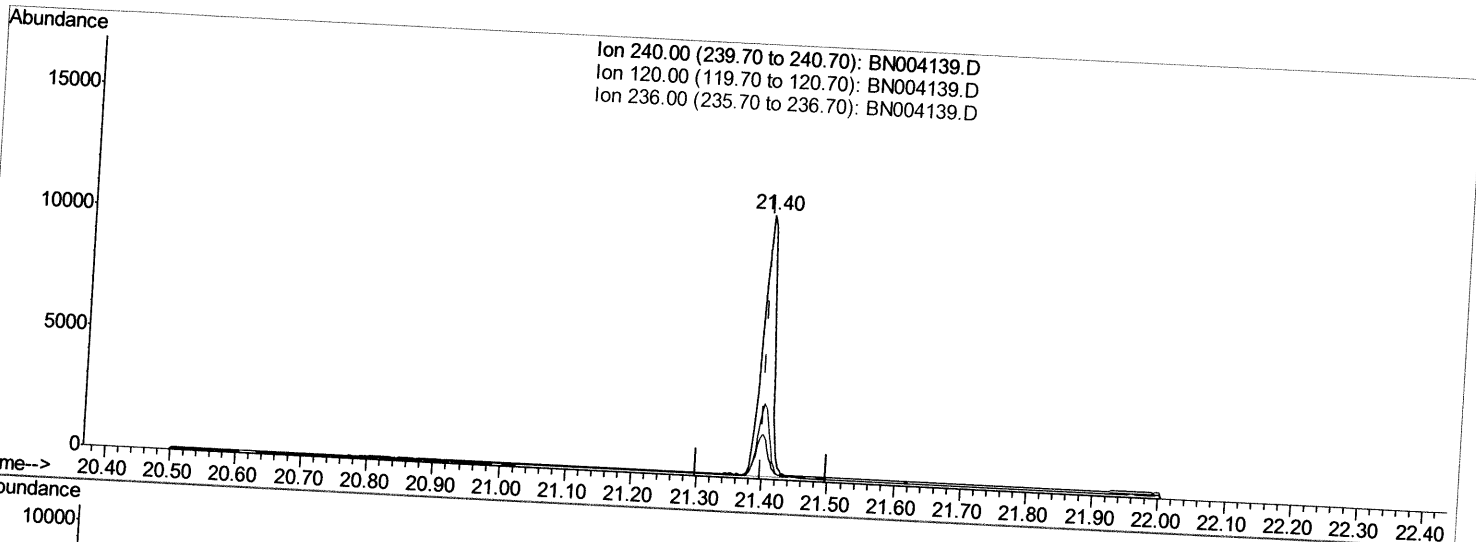
Instrument :
 BNA_N
 ClientSampleId :
 F9F51

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:04:07 PM

Data File : BN004139.D
 Acq On : 20 Dec 2018 06:10
 Operator : JU/SJ
 Sample : J6297-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 20 07:48:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 07:15:48 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.400min (+0.001) 0.40ng/ul m

response 13622

> $\frac{53}{12/20/18}$

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	16.72
236.00	27.60	28.46
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
 Quantitation Report (Qedit)

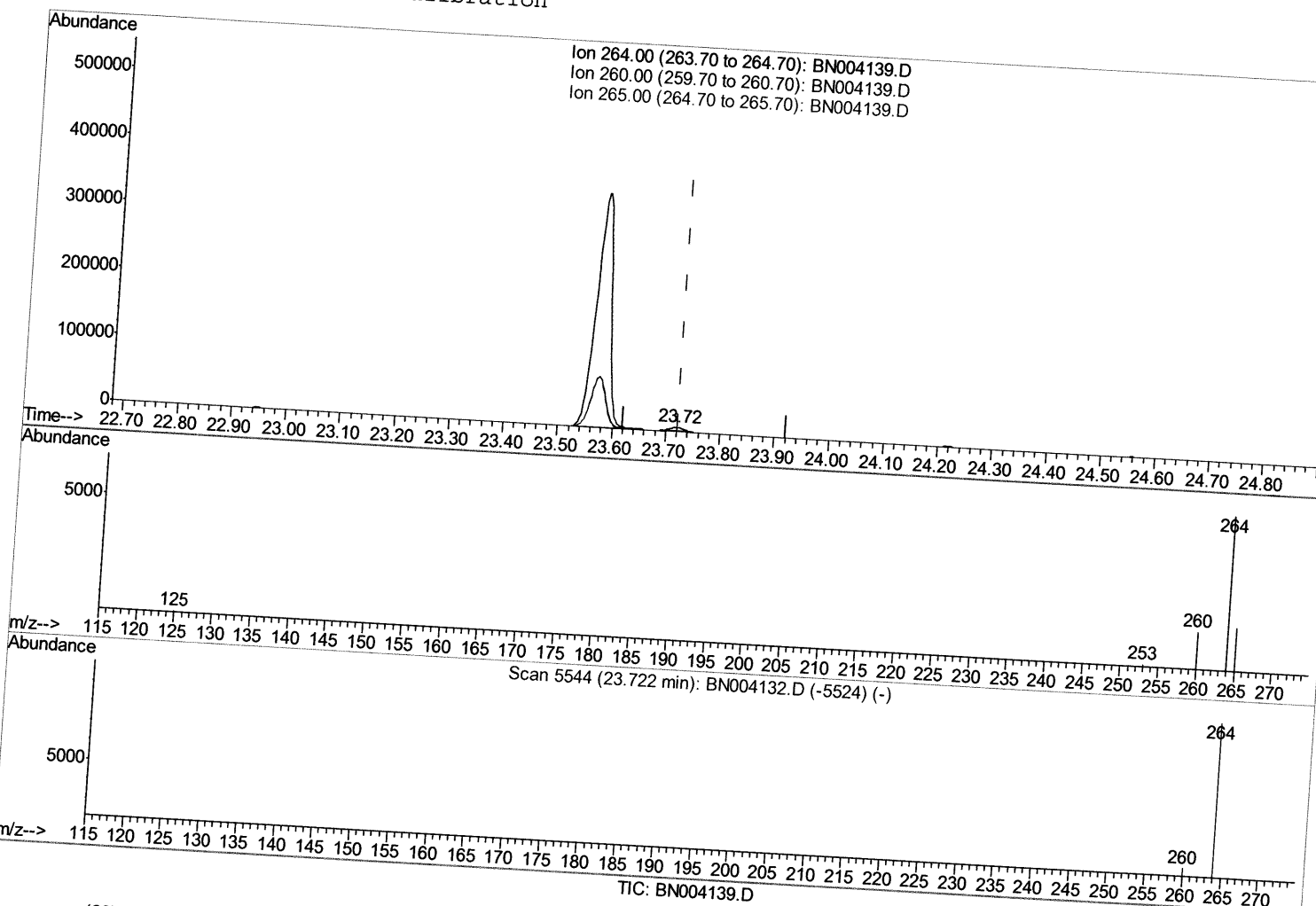
Instrument :
 BNA_N
 ClientSampled :
 F9F51

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:04:07 PM

Data File : BN004139.D
 Acq On : 20 Dec 2018 06:10
 Operator : JU/SJ
 Sample : J6297-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 20 07:50:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 07:15:48 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.720min (-0.002) 0.40ng/ul

response 13953

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	27.17
265.00	33.50	30.95
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
 Quantitation Report (Qedit)

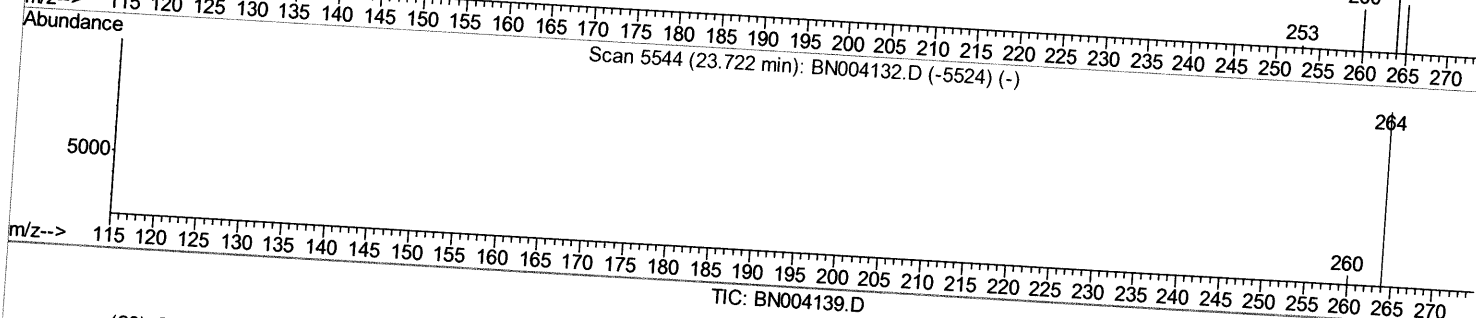
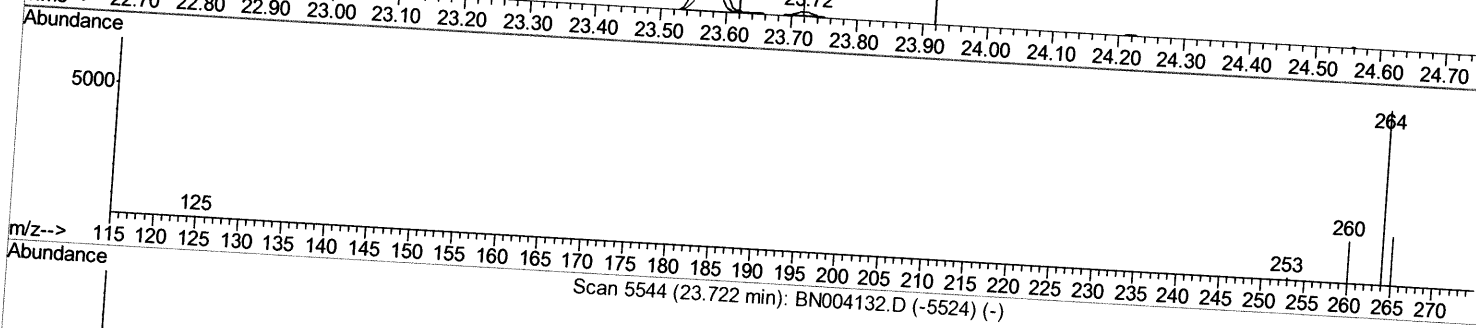
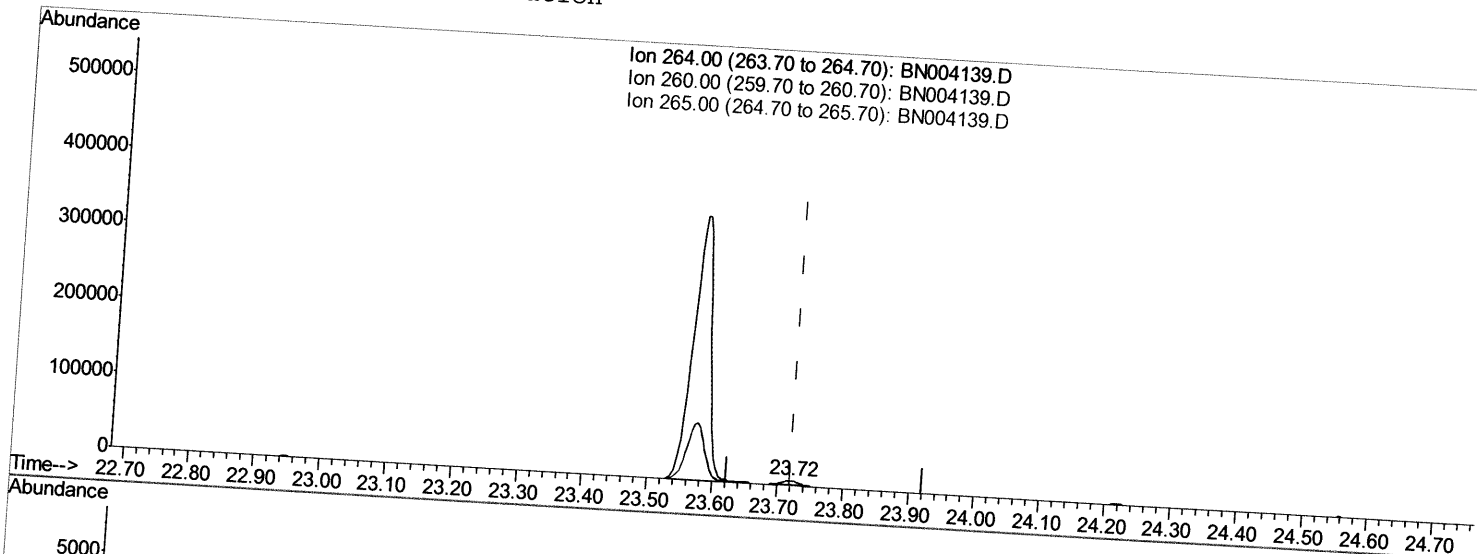
Instrument :
 BNA_N
 ClientSampled :
 F9F51

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:04:07 PM

Data File : BN004139.D
 Acq On : 20 Dec 2018 06:10
 Operator : JU/SJ
 Sample : J6297-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 20 07:50:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 07:15:48 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.720min (-0.002) 0.40ng/ul m

response 12253

> SJ
 12/20/18

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	27.17
265.00	33.50	30.95
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

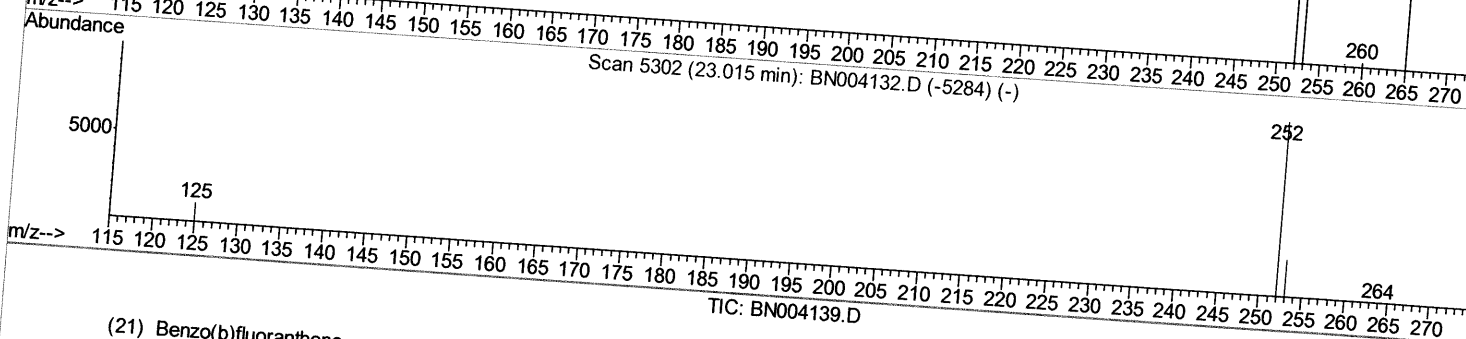
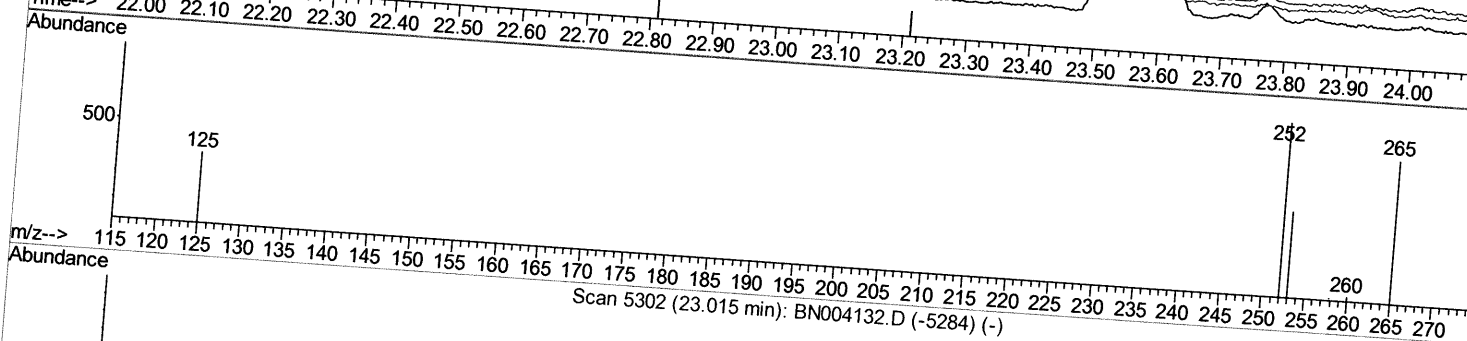
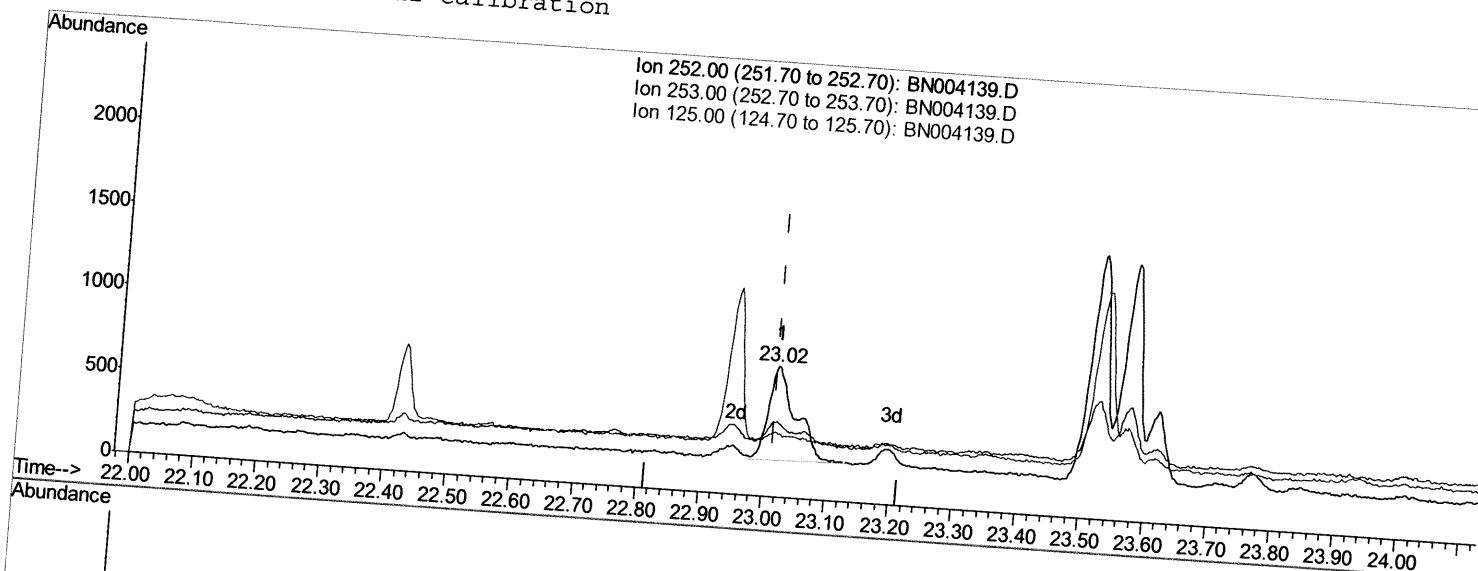
Data File : BN004139.D
Acq On : 20 Dec 2018 06:10
Operator : JU/SJ
Sample : J6297-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F51

Manual Integrations
APPROVED

Sohil
12/20/2018 2:04:07 PM

Quant Time: Dec 20 07:51:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.016min (+0.001) 0.03ng/ul

response 1692

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	57.18#
125.00	11.20	49.36#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (Qedit)

Instrument :
BNA_N
ClientSampleId :
F9F51

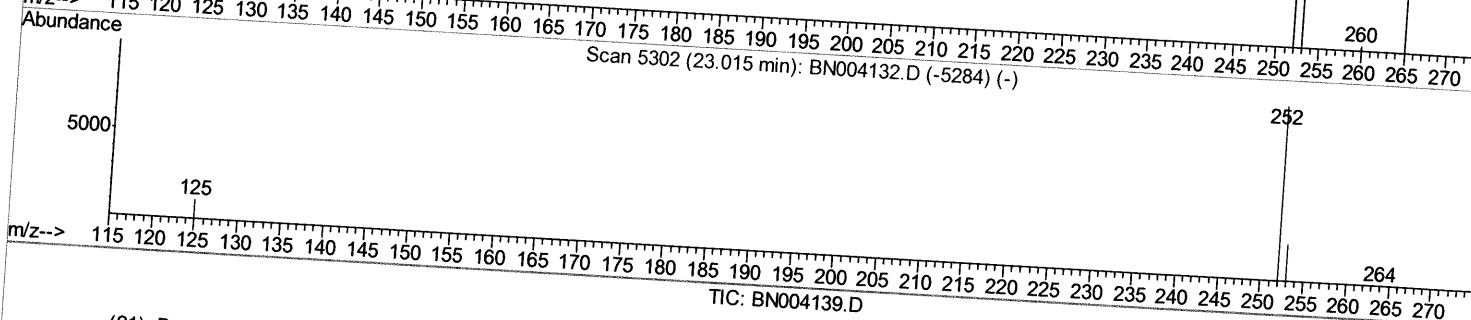
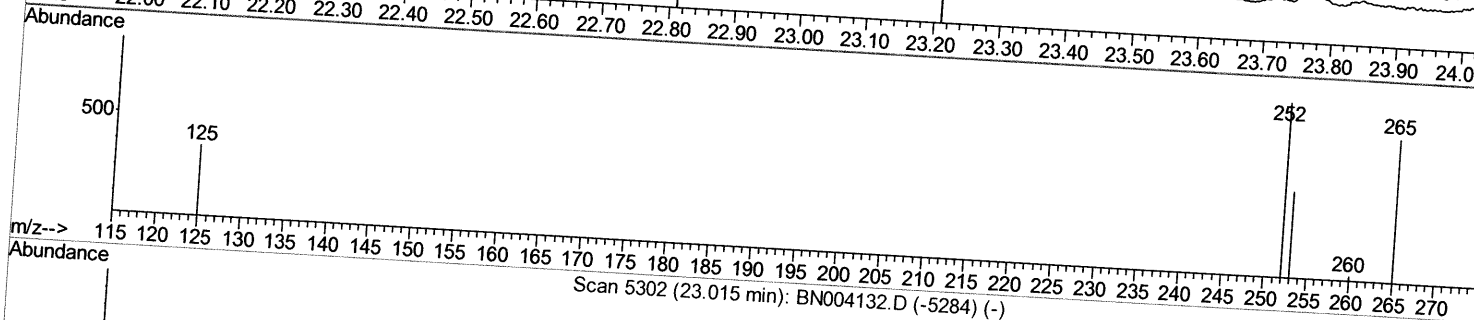
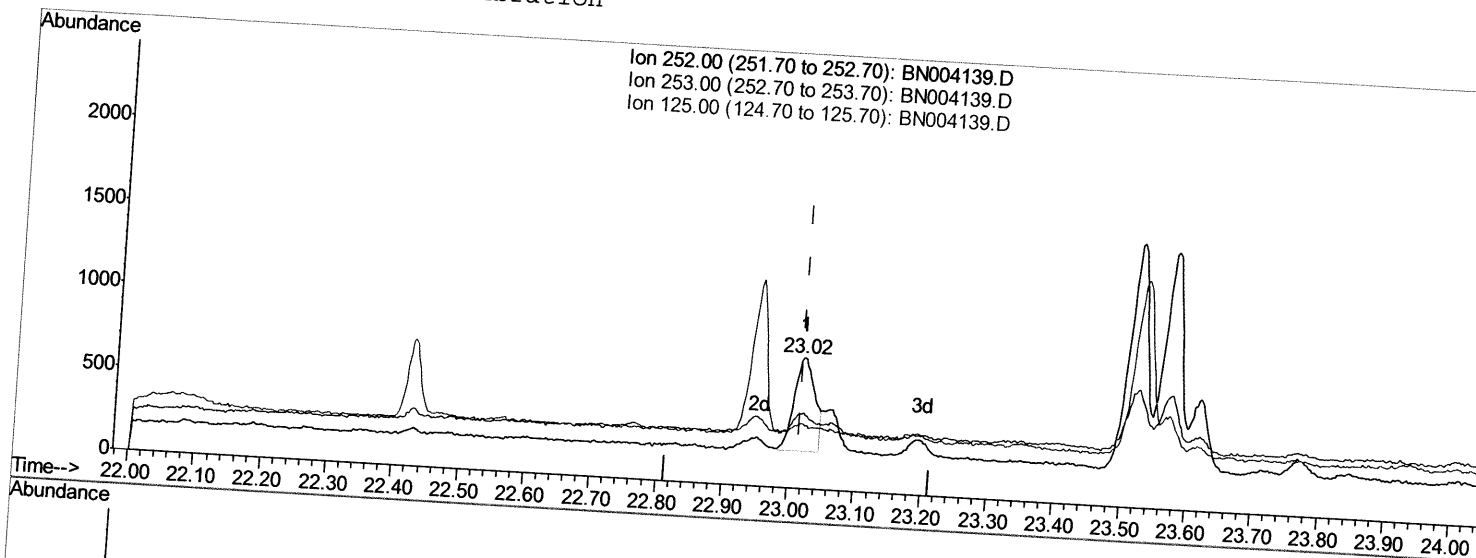
Manual Integrations
APPROVED

Sohil
12/20/2018 2:04:07 PM

Data File : BN004139.D
Acq On : 20 Dec 2018 06:10
Operator : JU/SJ
Sample : J6297-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 20 07:51:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BN004139.D
Ion 253.00 (252.70 to 253.70): BN004139.D
Ion 125.00 (124.70 to 125.70): BN004139.D



(21) Benzo(b)fluoranthene

23.016min (+0.001) 0.02ng/ul m

response 1201

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	57.18#
125.00	11.20	49.36#
0.00	0.00	0.00

> 55
12/20/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
 Quantitation Report (QT Reviewed)

Instrument :
 BNA_N
 ClientSampleId :
 F9F51

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:04:07 PM

Data File : BN004139.D
 Acq On : 20 Dec 2018 06:10
 Operator : JU/SJ
 Sample : J6297-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 20 07:51:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 07:15:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1555	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8090	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4996	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	12935m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13622m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12253m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2538	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8313m	0.22	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.25	178	1094m	0.026	ng/ul	
13) Anthracene	17.34	178	985m	0.028	ng/ul	
17) Pyrene	19.63	202	1477	0.030	ng/ul#	76
19) Chrysene	21.44	228	1127	0.023	ng/ul#	68
21) Benzo(b)fluoranthene	23.02	252	1201m	0.024	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	3510	0.080	ng/ul#	78

Qvalue

ST
 12/20/18

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