

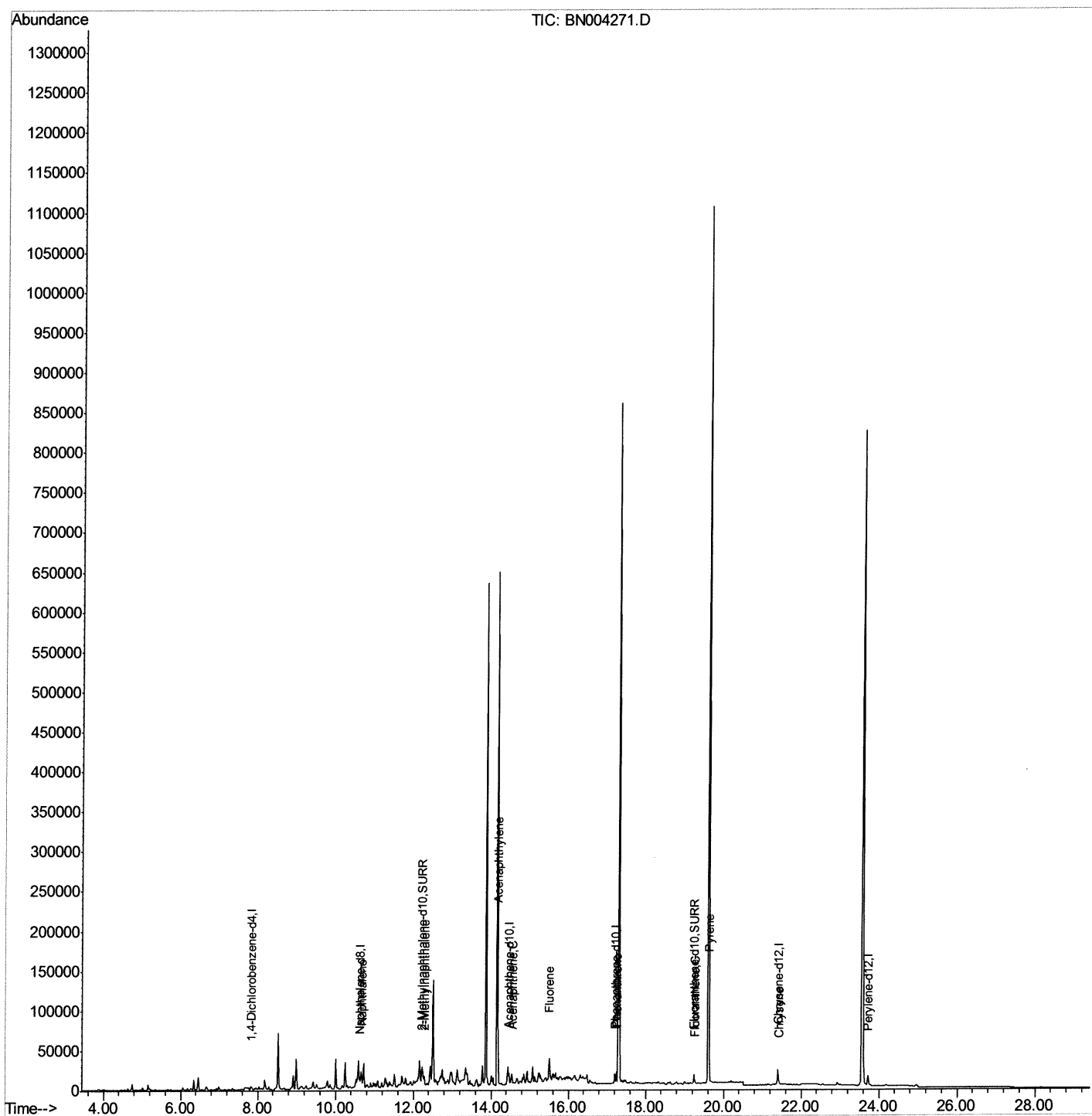
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
Data File : BN004271.D
Acq On : 28 Dec 2018 20:16
Operator : JU/SJ
Sample : J6541-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F72

Manual Integrations
APPROVED

Sohil
1/2/2019 3:39:31 PM

Quant Time: Dec 29 05:06:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 28 22:16:51 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

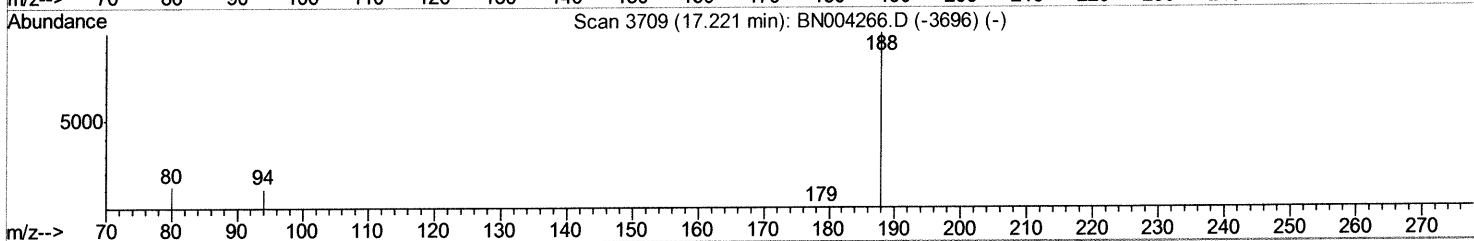
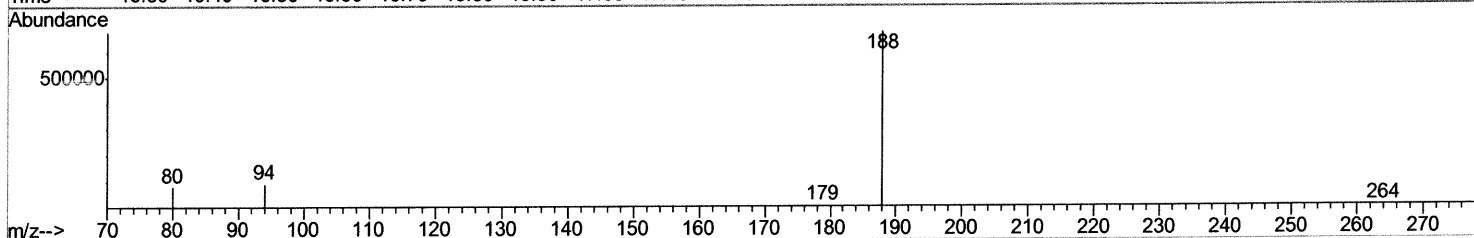
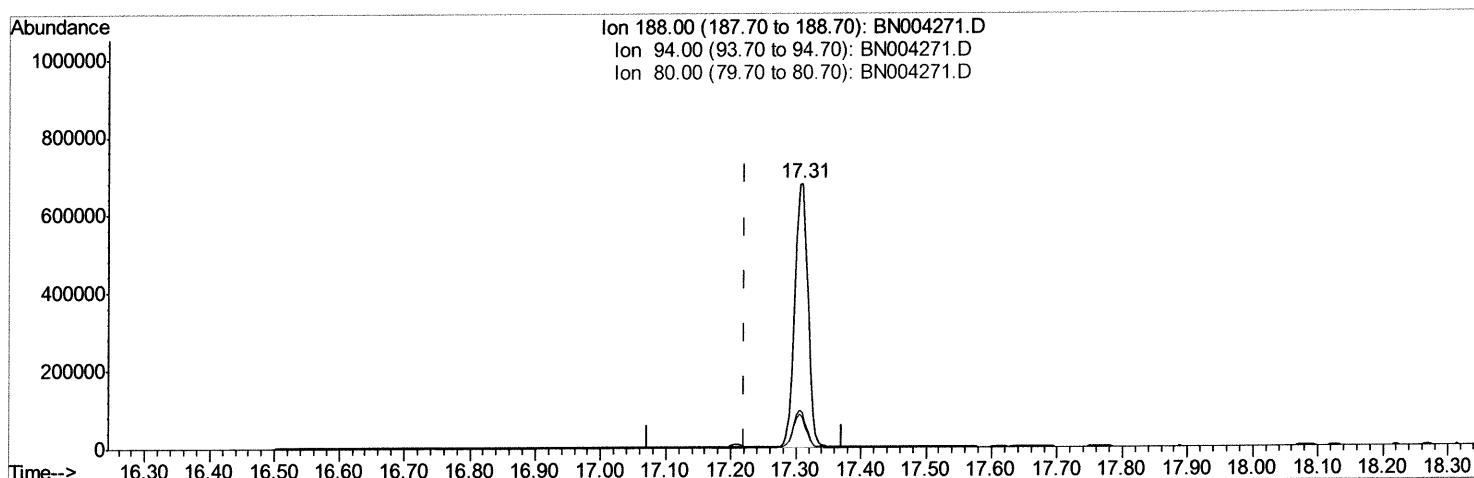
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004271.D
 Acq On : 28 Dec 2018 20:16
 Operator : JU/SJ
 Sample : J6541-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F72

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:39:31 PM

Quant Time: Dec 29 04:57:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 22:16:51 2018
 Response via : Initial Calibration



TIC: BN004271.D

(10) Phenanthrene-d10 (I)

17.310min (+0.089) 0.40ng/ul

response 958464

Ion	Exp%	Act%
188.00	100	100
94.00	11.50	13.05
80.00	12.80	11.52
0.00	0.00	0.00

Quantitation Report (Qedit)

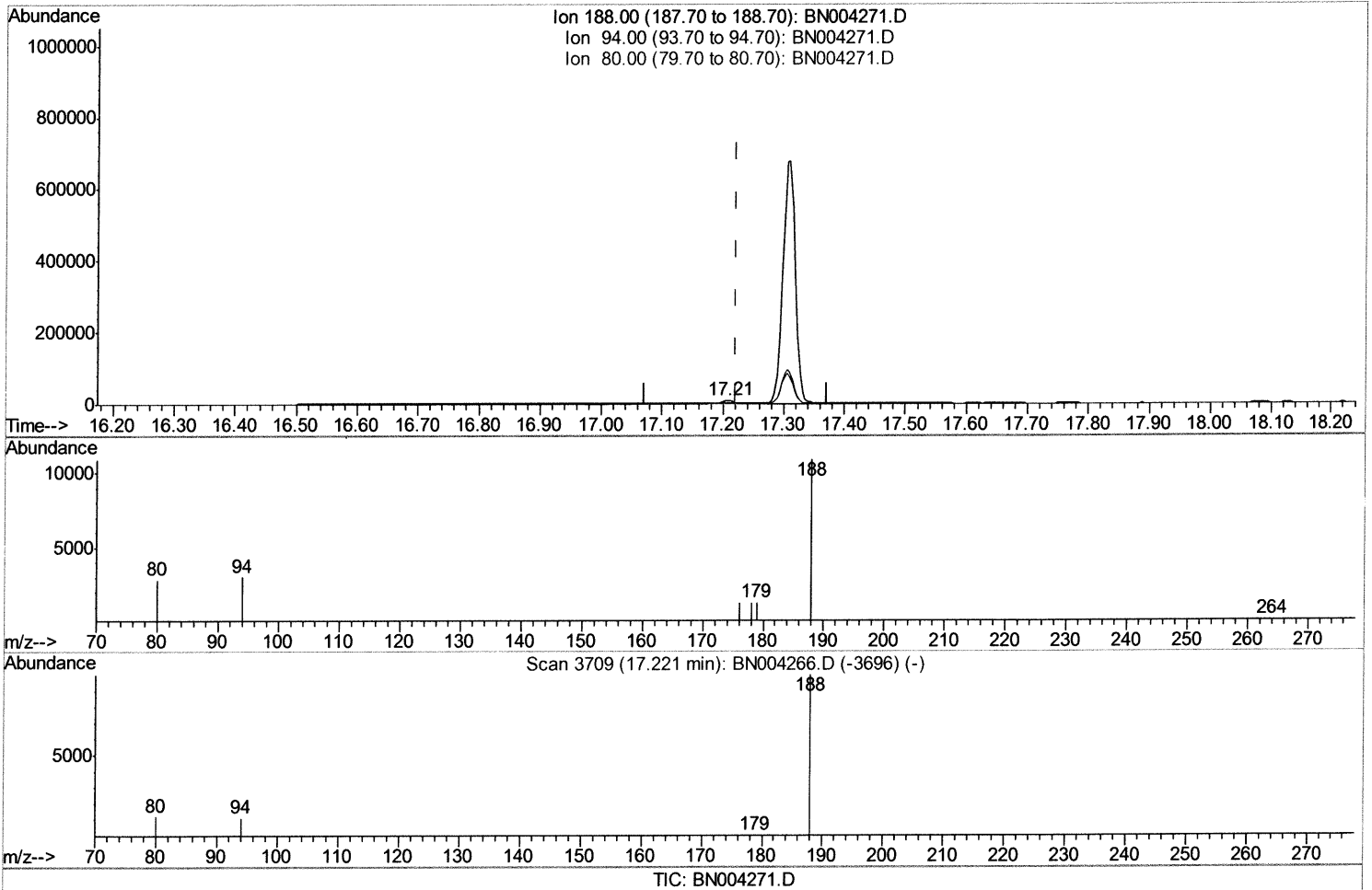
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004271.D
 Acq On : 28 Dec 2018 20:16
 Operator : JU/SJ
 Sample : J6541-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F72

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:39:31 PM

Quant Time: Dec 29 04:57:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 22:16:51 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.208min (-0.013) 0.40ng/ul m

SD 1/2/19

response 16693

Ion	Exp%	Act%
188.00	100	100
94.00	11.50	27.88#
80.00	12.80	26.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

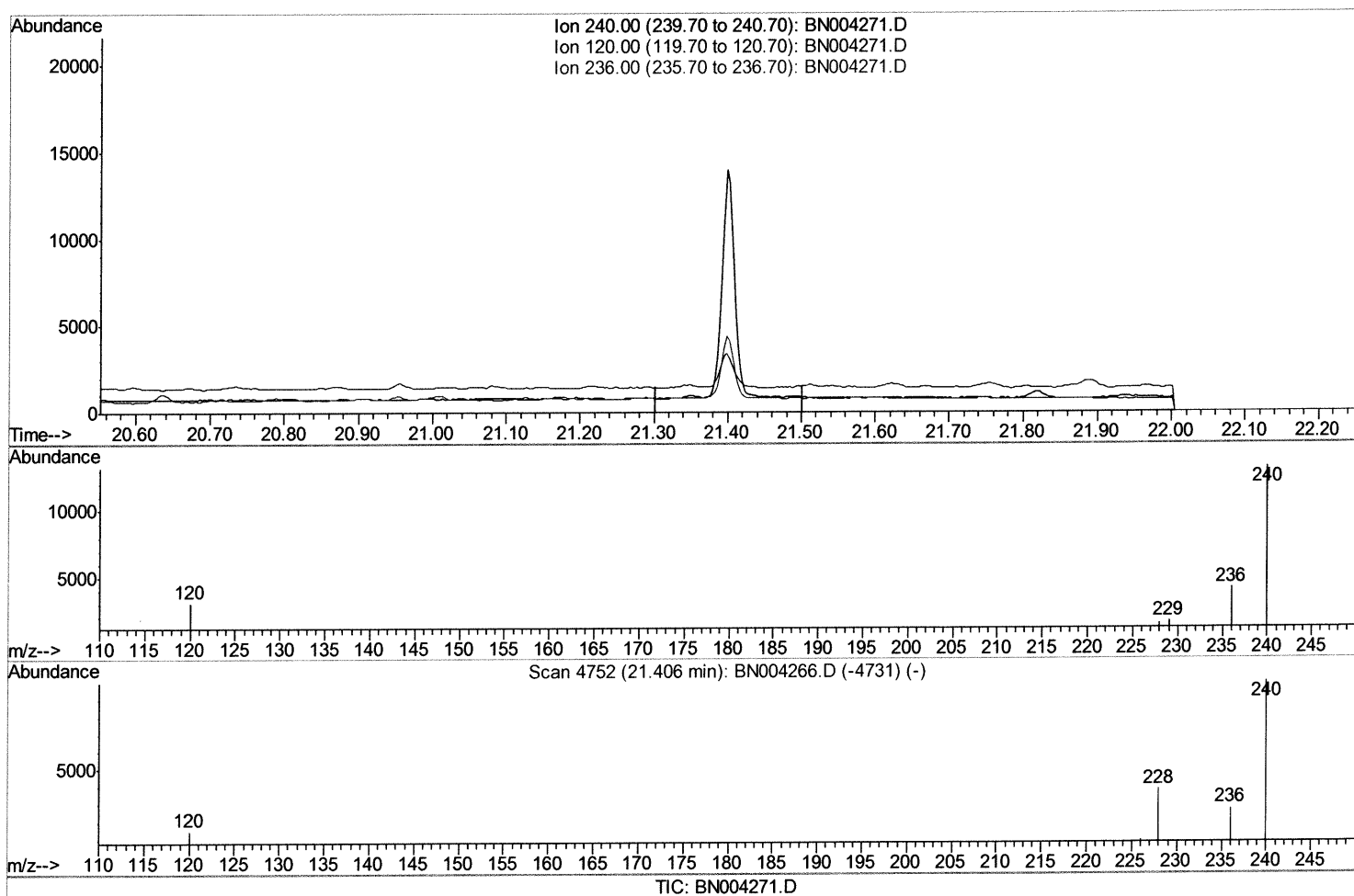
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
Data File : BN004271.D
Acq On : 28 Dec 2018 20:16
Operator : JU/SJ
Sample : J6541-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F72

Manual Integrations
APPROVED

Sohil
1/2/2019 3:39:31 PM

Quant Time: Dec 29 04:57:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 28 22:16:51 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.403min (-21.403) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.20	0.00#
236.00	27.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

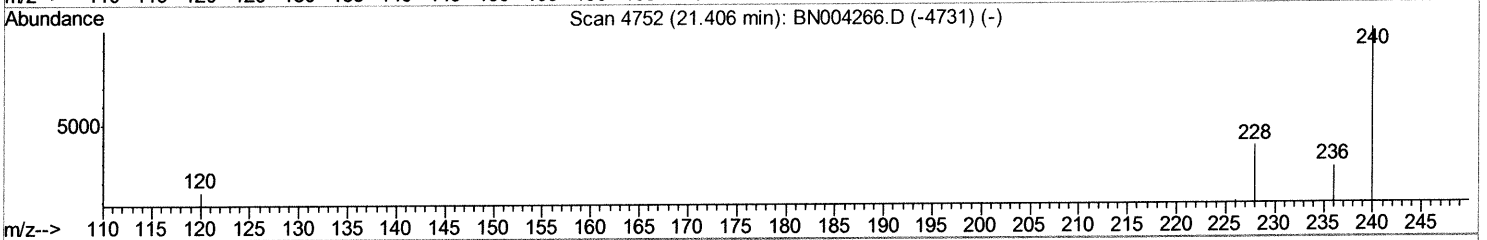
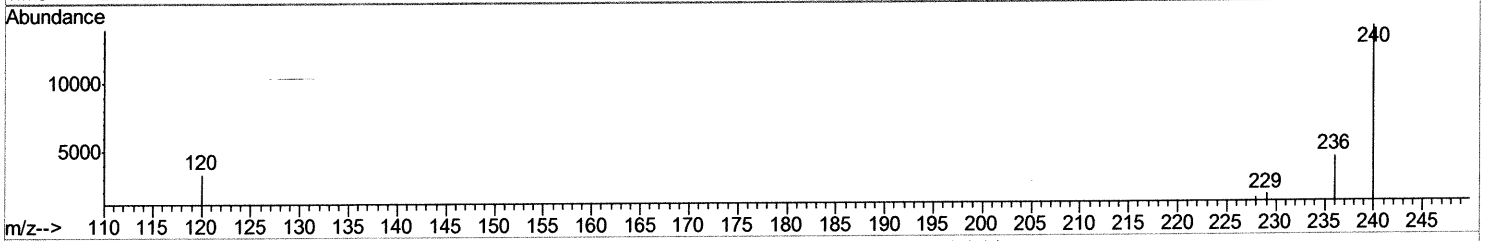
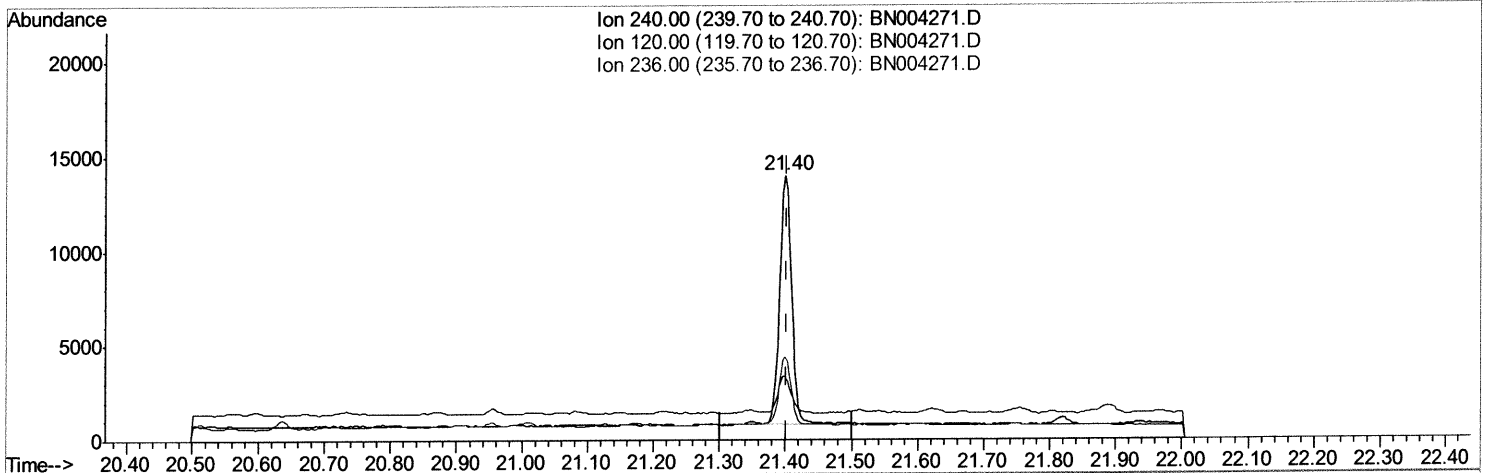
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004271.D
 Acq On : 28 Dec 2018 20:16
 Operator : JU/SJ
 Sample : J6541-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9F72

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:39:31 PM

Quant Time: Dec 29 04:57:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 22:16:51 2018
 Response via : Initial Calibration



TIC: BN004271.D

(16) Chrysene-d12 (I)

21.400min (-0.003) 0.40ng/ul m

SD 1/2/19

response 16173

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	24.17#
236.00	27.90	31.56
0.00	0.00	0.00

Quantitation Report (Qedit)

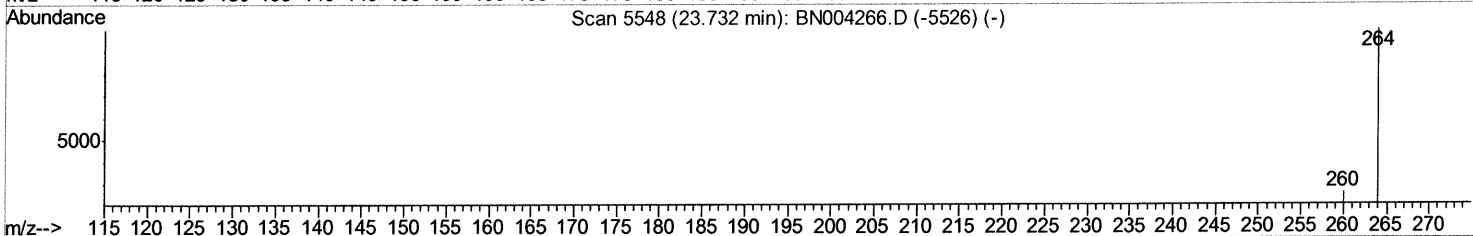
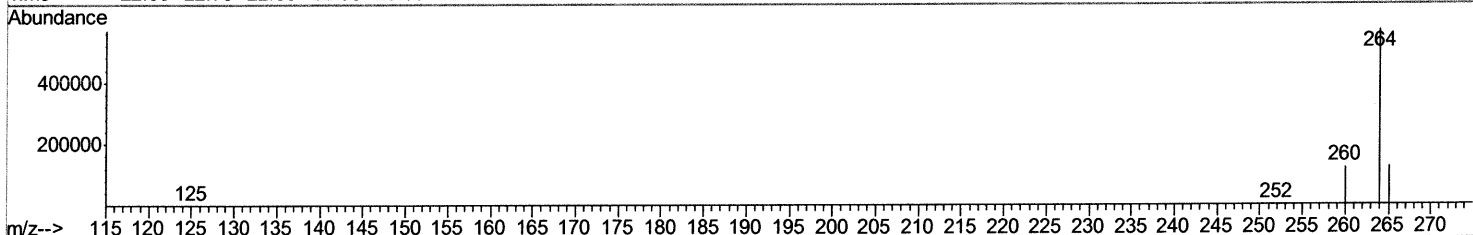
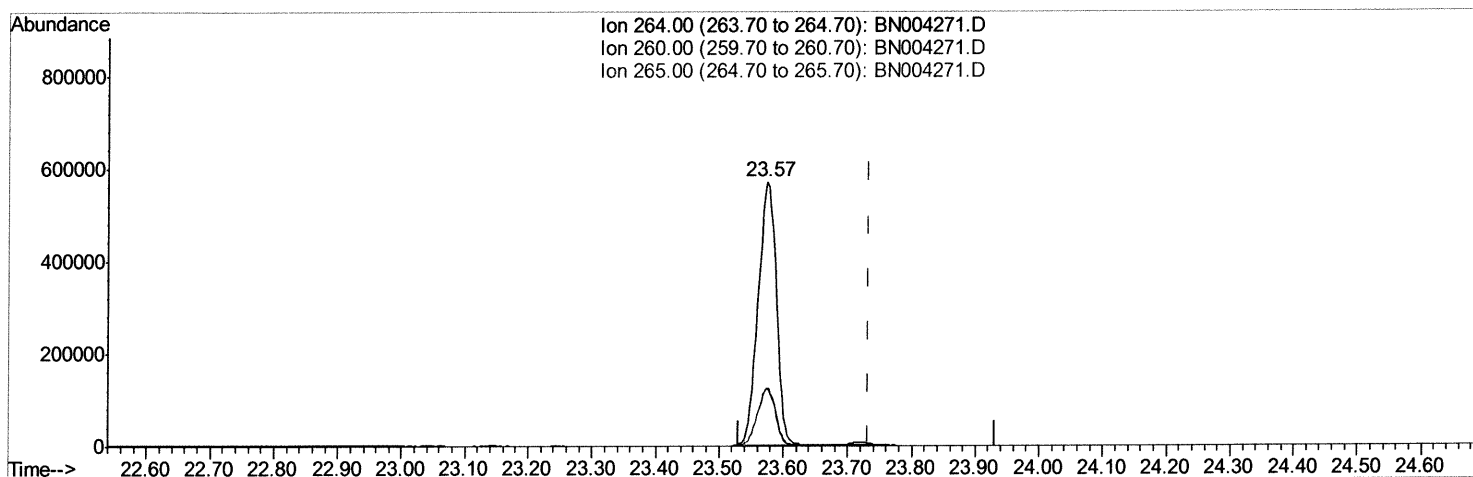
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004271.D
 Acq On : 28 Dec 2018 20:16
 Operator : JU/SJ
 Sample : J6541-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F72

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:39:31 PM

Quant Time: Dec 29 04:57:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 22:16:51 2018
 Response via : Initial Calibration



TIC: BN004271.D

(20) Perylene-d12 (I)

23.574min (-0.158) 0.40ng/ul

response 1109824

Ion	Exp%	Act%
264.00	100	100
260.00	26.50	21.80
265.00	31.50	21.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

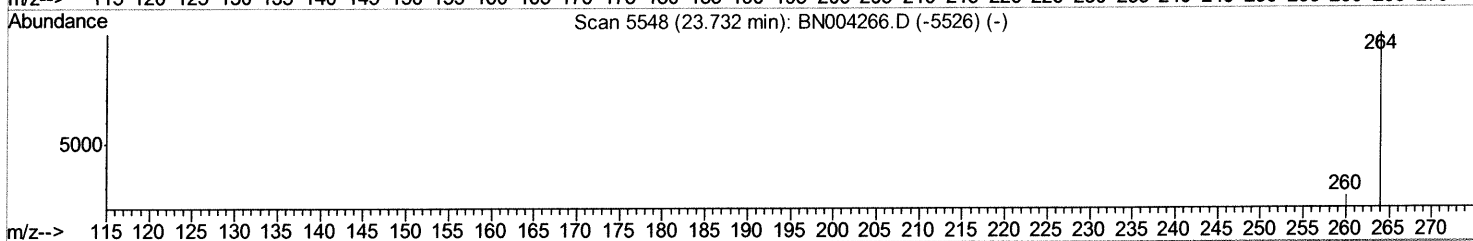
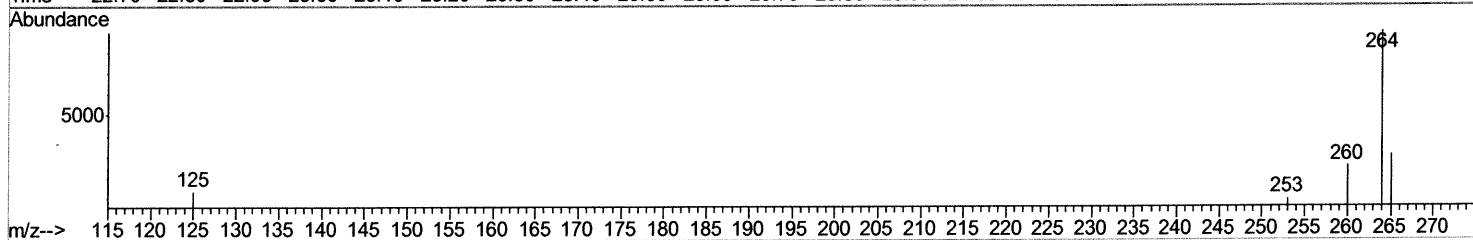
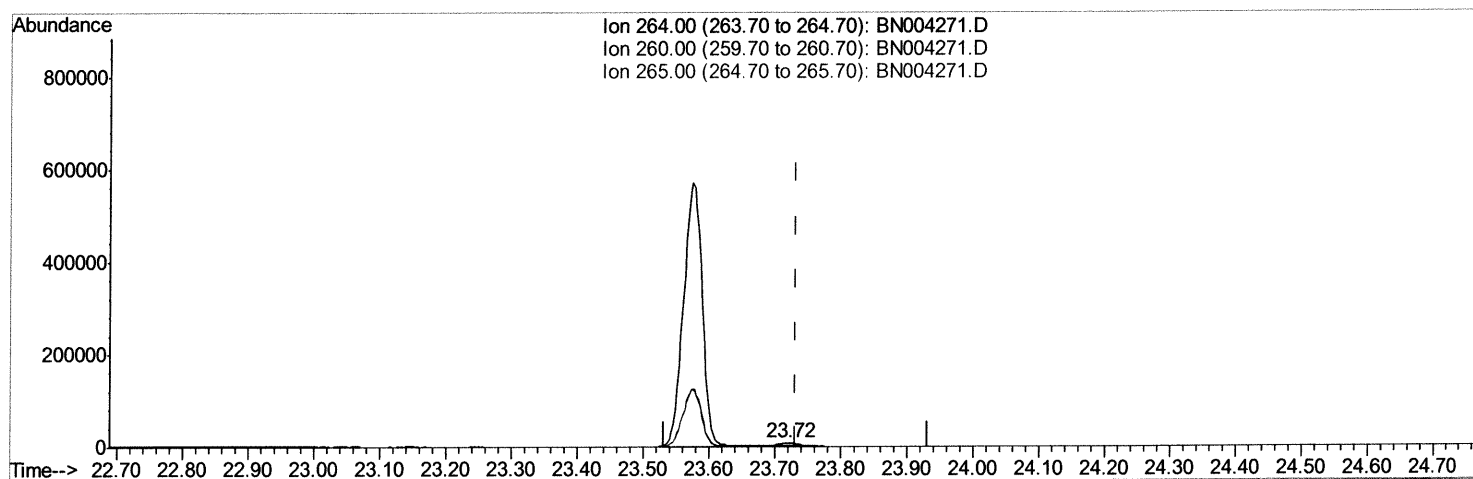
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
Data File : BN004271.D
Acq On : 28 Dec 2018 20:16
Operator : JU/SJ
Sample : J6541-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F72

Manual Integrations
APPROVED

Sohil
1/2/2019 3:39:31 PM

Quant Time: Dec 29 04:57:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 28 22:16:51 2018
Response via : Initial Calibration



TIC: BN004271.D

(20) Perylene-d12 (I)

23.720min (-0.012) 0.40ng/ul m

SJ 1/2/19

response 13838

Ion	Exp%	Act%
264.00	100	100
260.00	26.50	28.23
265.00	31.50	34.33
0.00	0.00	0.00

Quantitation Report (Qedit)

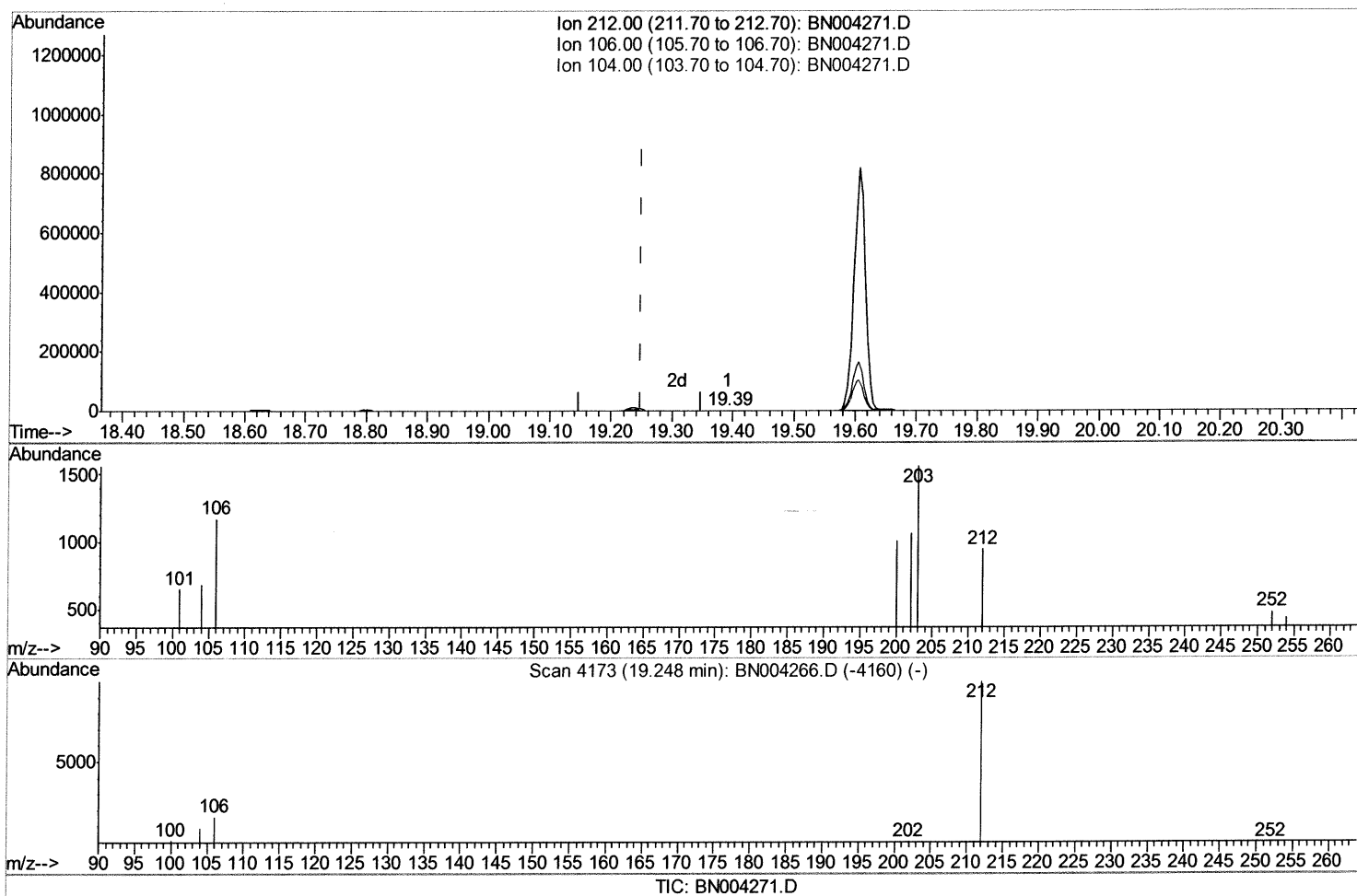
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Data File : BN004271.D
Acq On : 28 Dec 2018 20:16
Operator : JU/SJ
Sample : J6541-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F72

Manual Integrations
APPROVED

Sohil
1/2/2019 3:39:31 PM

Quant Time: Dec 29 05:02:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 28 22:16:51 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.392min (+0.144) 0.01ng/ul

response 364

Ion	Exp%	Act%
212.00	100	100
106.00	15.70	15.66
104.00	8.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

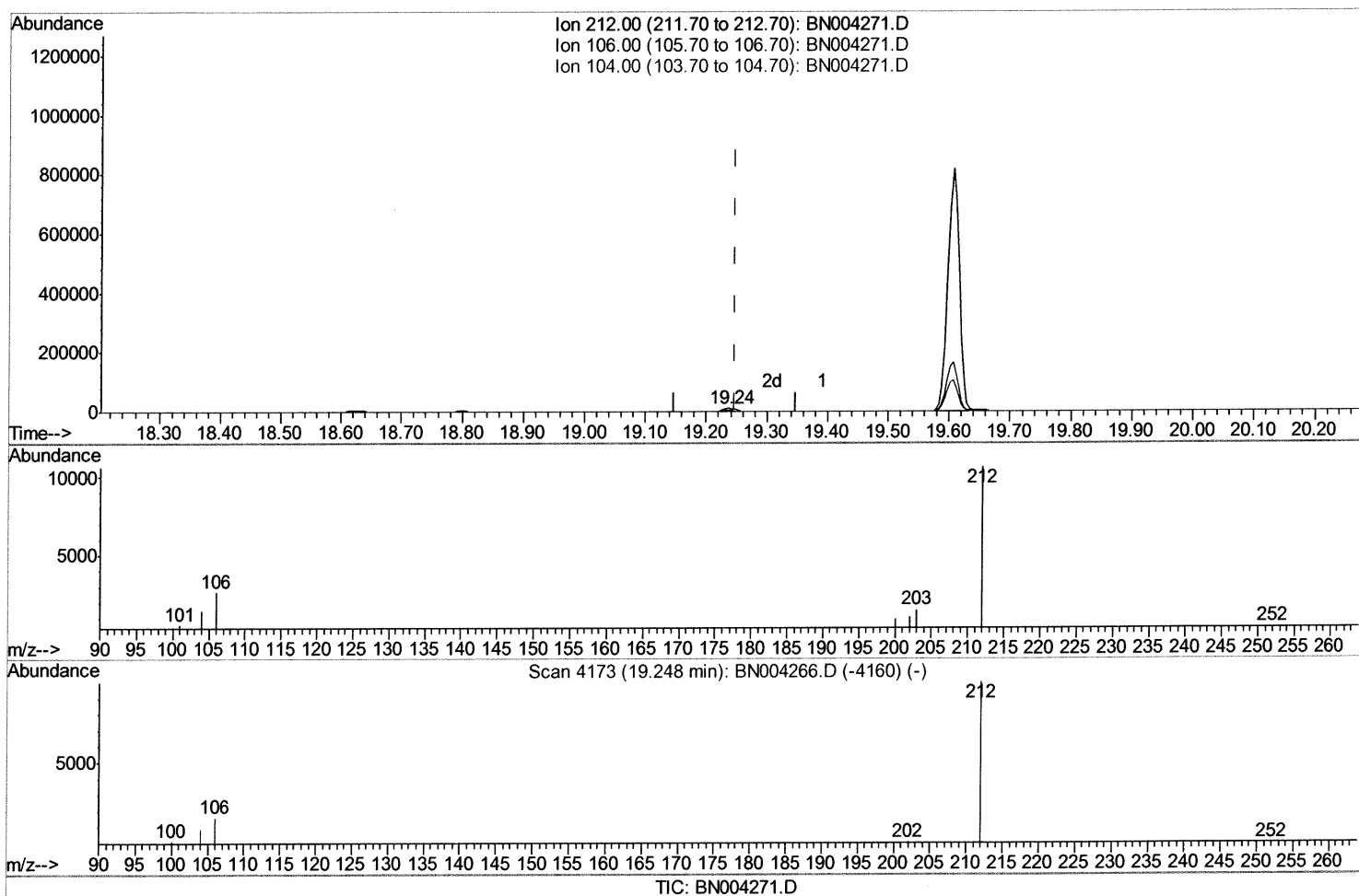
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
Data File : BN004271.D
Acq On : 28 Dec 2018 20:16
Operator : JU/SJ
Sample : J6541-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F72

Manual Integrations
APPROVED

Sohil
1/2/2019 3:39:31 PM

Quant Time: Dec 29 05:02:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 28 22:16:51 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.239min (-0.009) 0.32ng/ul m

SD 1/2/19

response 15823

Ion	Exp%	Act%
212.00	100	100
106.00	15.70	0.36#
104.00	8.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

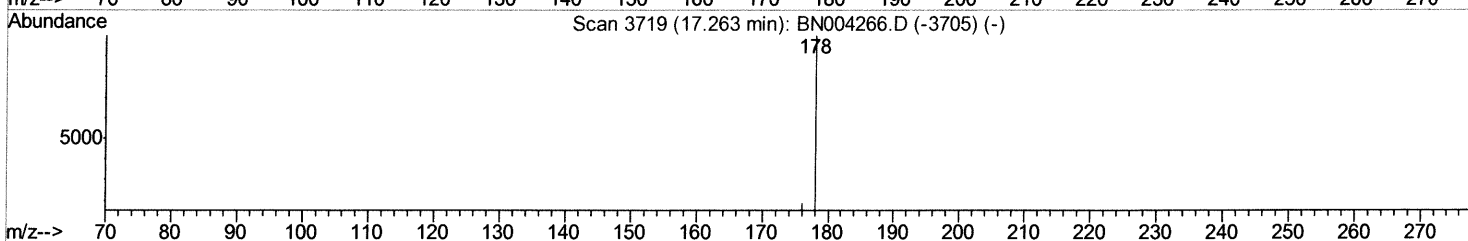
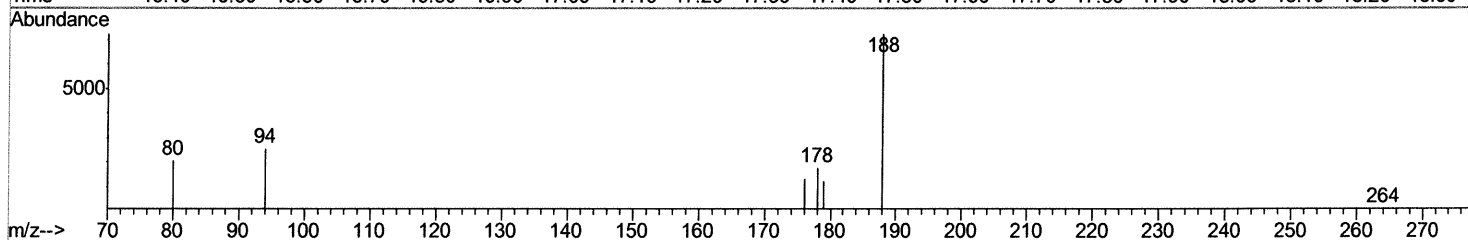
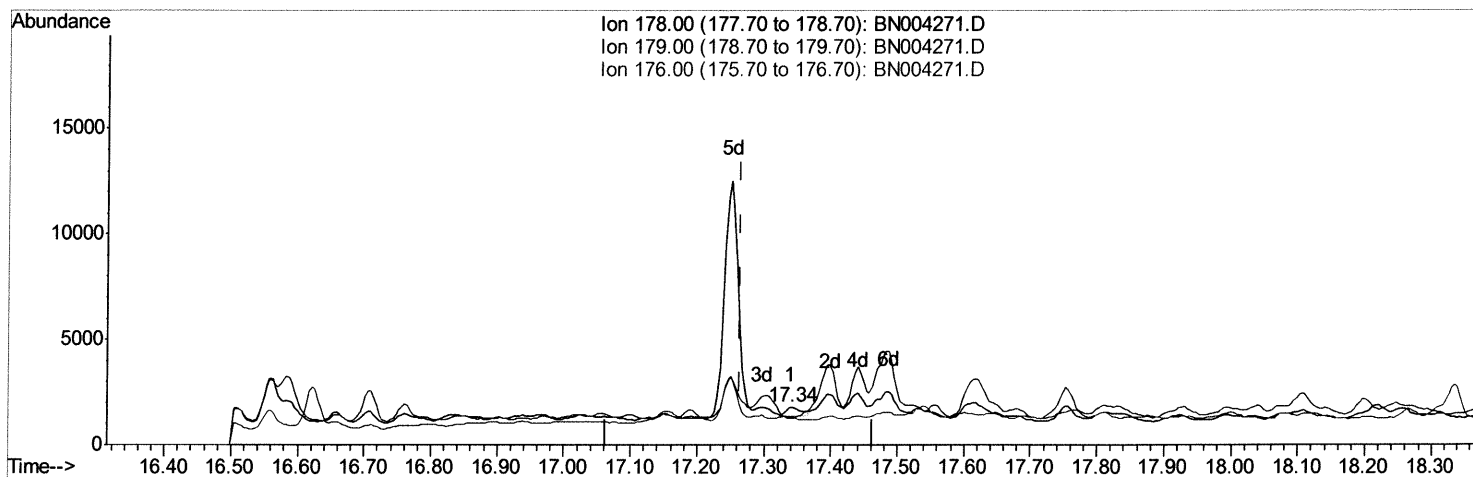
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
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 Acq On : 28 Dec 2018 20:16
 Operator : JU/SJ
 Sample : J6541-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F72

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:39:31 PM

Quant Time: Dec 29 05:02:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 22:16:51 2018
 Response via : Initial Calibration



TIC: BN004271.D

(12) Phenanthrene

17.339min (+0.076) 0.01ng/ul

response 643

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	70.24#
176.00	19.00	74.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

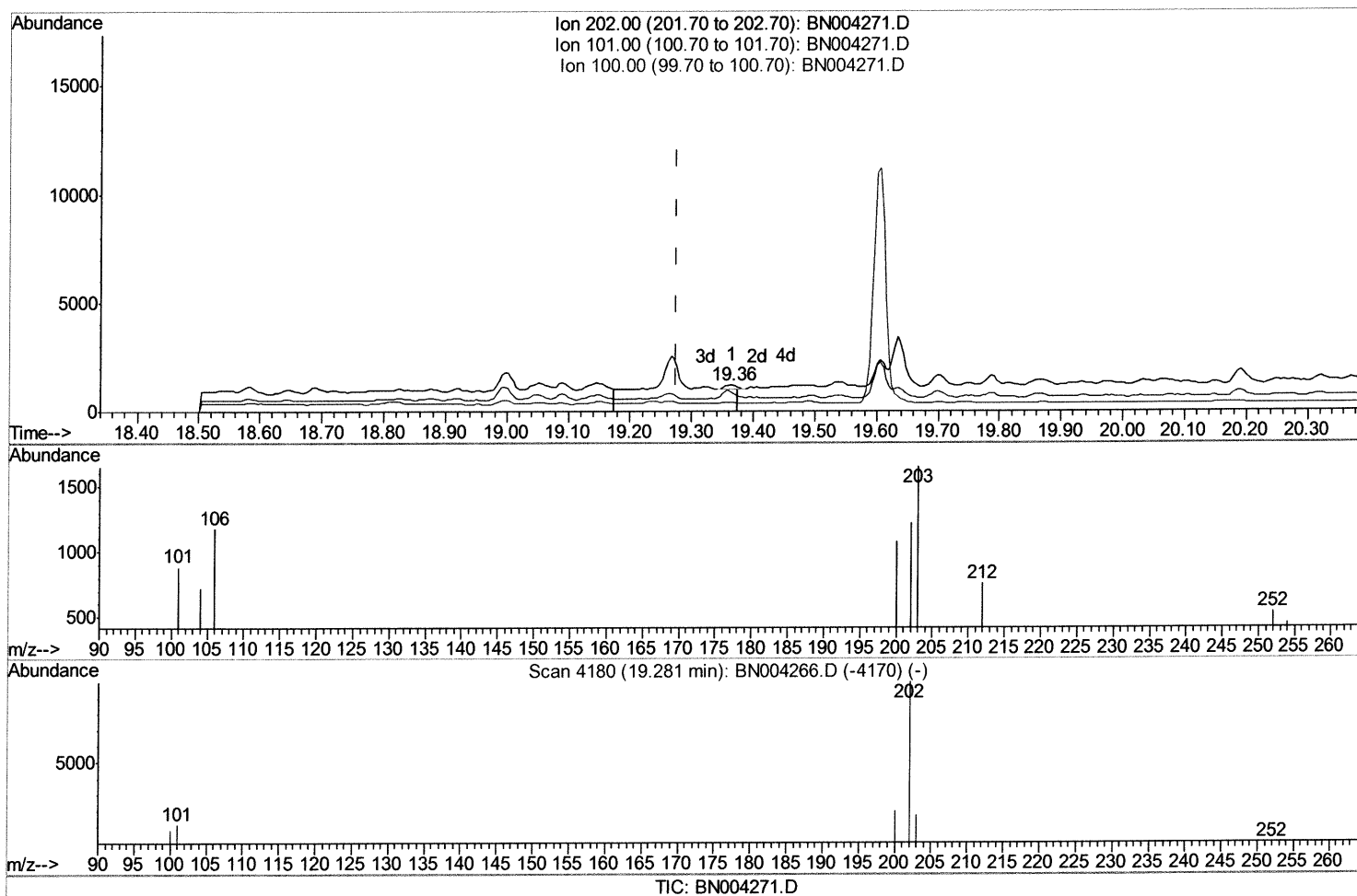
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
Data File : BN004271.D
Acq On : 28 Dec 2018 20:16
Operator : JU/SJ
Sample : J6541-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F72

Manual Integrations
APPROVED

Sohil
1/2/2019 3:39:31 PM

Quant Time: Dec 29 05:02:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 28 22:16:51 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.364min (+0.088) 0.00ng/ul

response 246

Ion	Exp%	Act%
202.00	100	100
101.00	12.60	72.62#
100.00	9.70	34.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

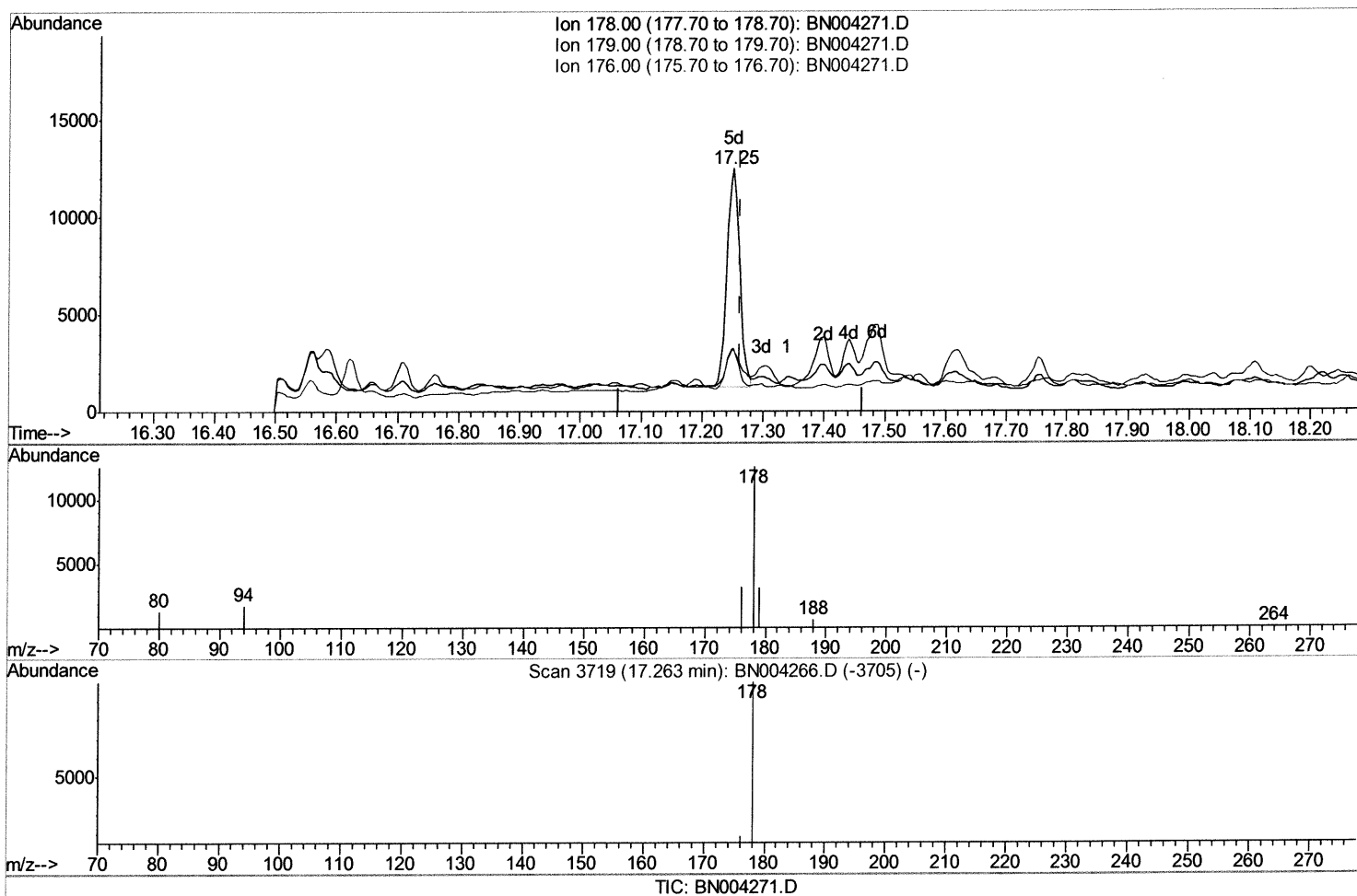
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
Data File : BN004271.D
Acq On : 28 Dec 2018 20:16
Operator : JU/SJ
Sample : J6541-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F72

Manual Integrations
APPROVED

Sohil
1/2/2019 3:39:31 PM

Quant Time: Dec 29 05:02:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 28 22:16:51 2018
Response via : Initial Calibration



(12) Phenanthrene

17.251min (-0.013) 0.30ng/ul m

SJ 1/2/19

response 16325

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	25.30#
176.00	19.00	25.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

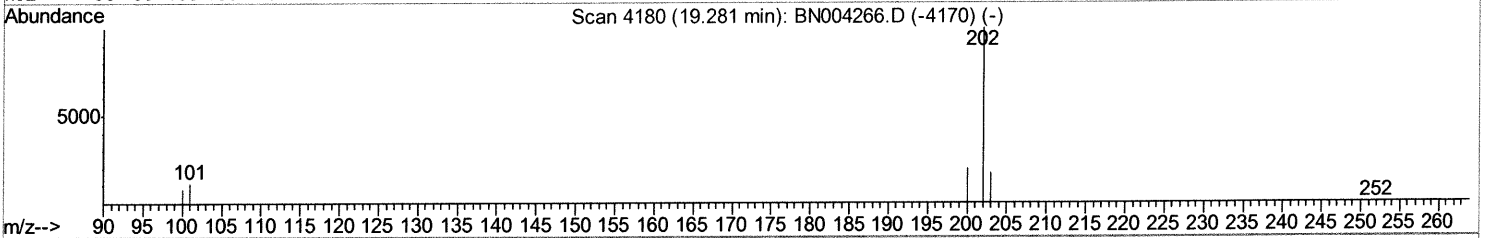
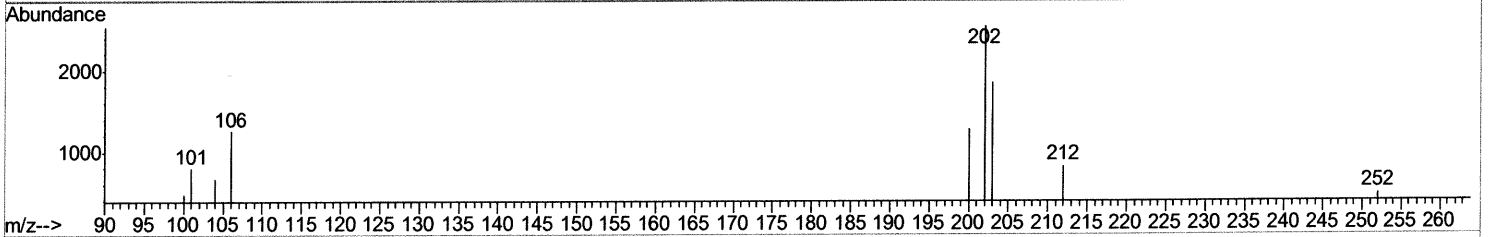
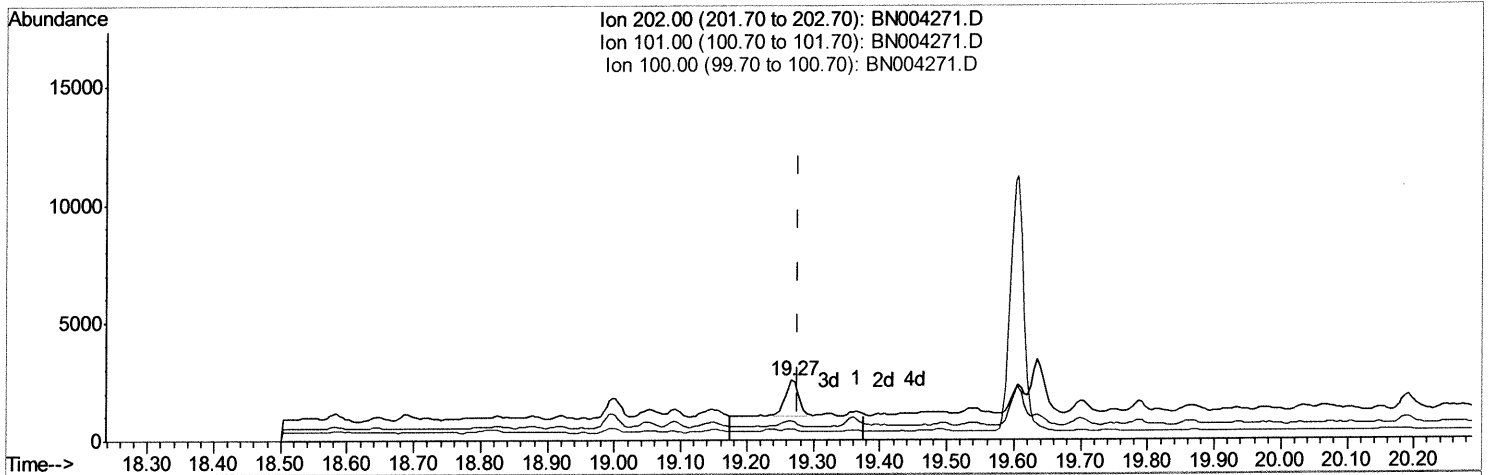
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004271.D
 Acq On : 28 Dec 2018 20:16
 Operator : JU/SJ
 Sample : J6541-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9F72

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:39:31 PM

Quant Time: Dec 29 05:02:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 22:16:51 2018
 Response via : Initial Calibration



TIC: BN004271.D

(15) Fluoranthene (C)

19.267min (-0.009) 0.03ng/ul m > SD 1/2/19

response 2058

Ion	Exp%	Act%
202.00	100	100
101.00	12.60	31.37
100.00	9.70	18.71
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004271.D
 Acq On : 28 Dec 2018 20:16
 Operator : JU/SJ
 Sample : J6541-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F72

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:39:31 PM

Quant Time: Dec 29 05:06:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 22:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2413	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	10702	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	8253	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	16693m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.40	240	16173m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13838m	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.20	152	6320	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	15823m	0.32	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.66	128	12283	0.407	ng/ul#	8
5) 2-Methylnaphthalene	12.28	142	8229	0.393	ng/ul	100
7) Acenaphthylene	14.18	152	4375	0.106	ng/ul#	1
8) Acenaphthene	14.53	153	8568	0.259	ng/ul#	78
9) Fluorene	15.51	166	18253	0.486	ng/ul#	93
12) Phenanthrene	17.25	178	16325m	0.301	ng/ul	
15) Fluoranthene	19.27	202	2058m	0.031	ng/ul	
17) Pyrene	19.63	202	2972	0.054	ng/ul#	67
19) Chrysene	21.43	228	2344	0.040	ng/ul#	29

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

5)
 1/2/19