

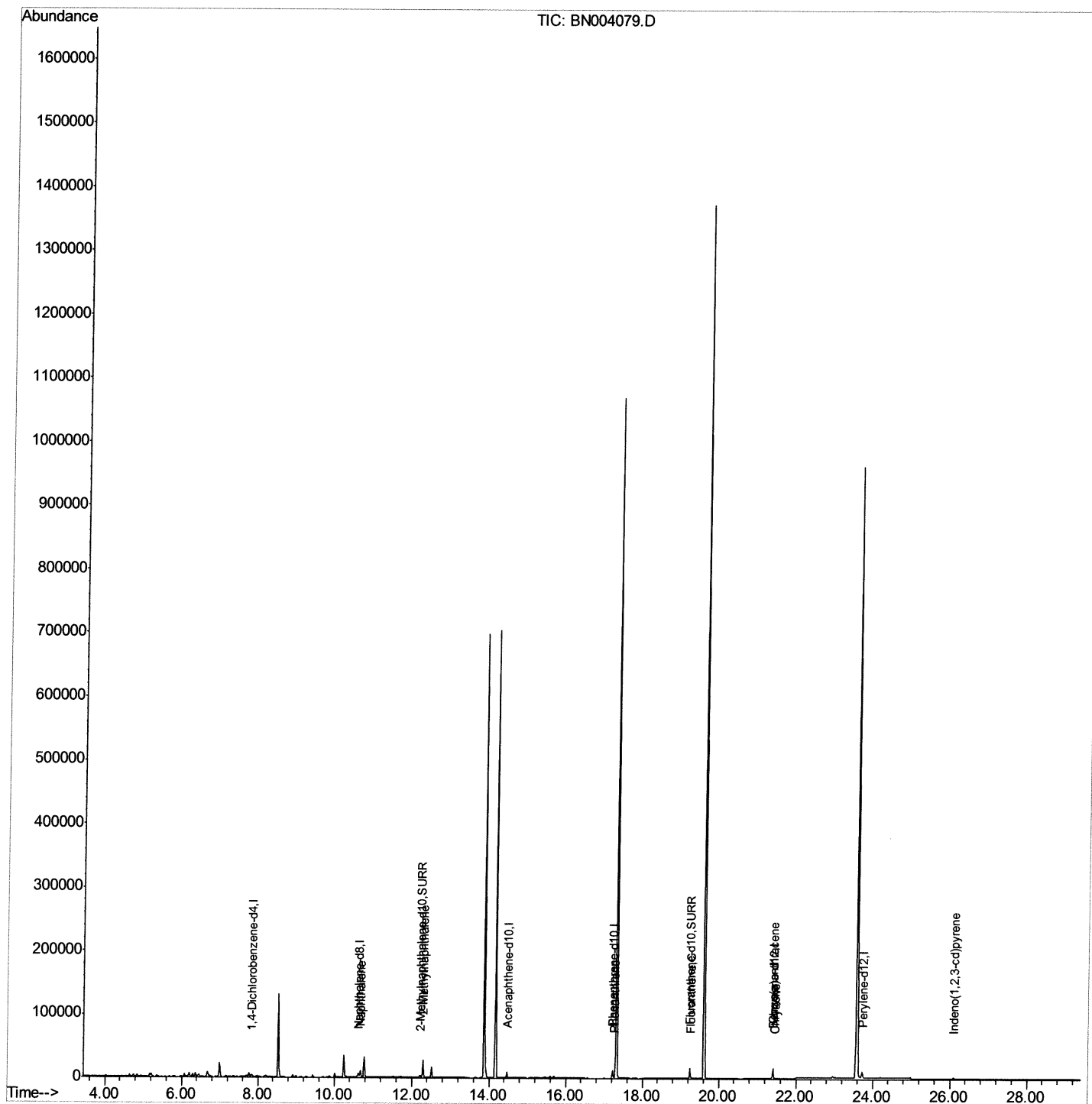
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (QT Reviewed)
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:39:13 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

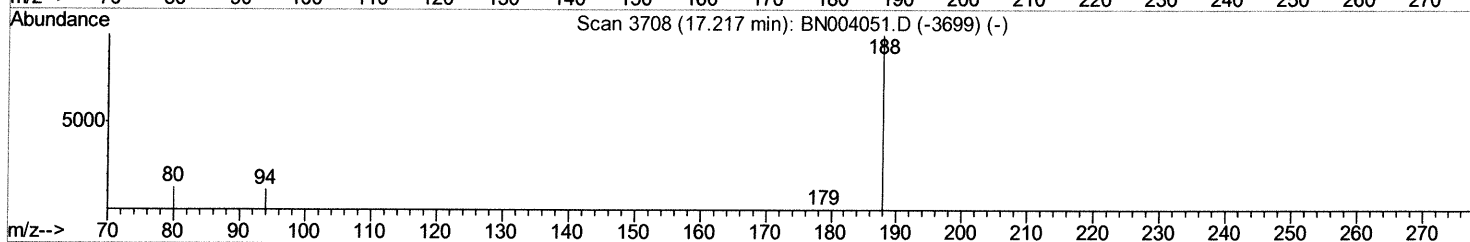
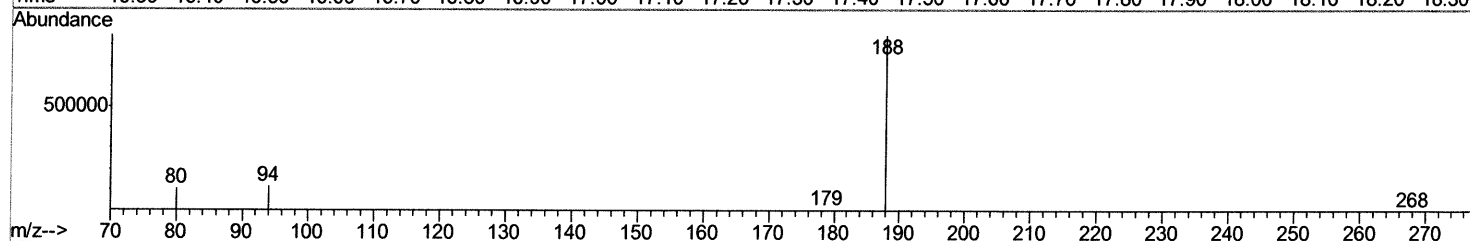
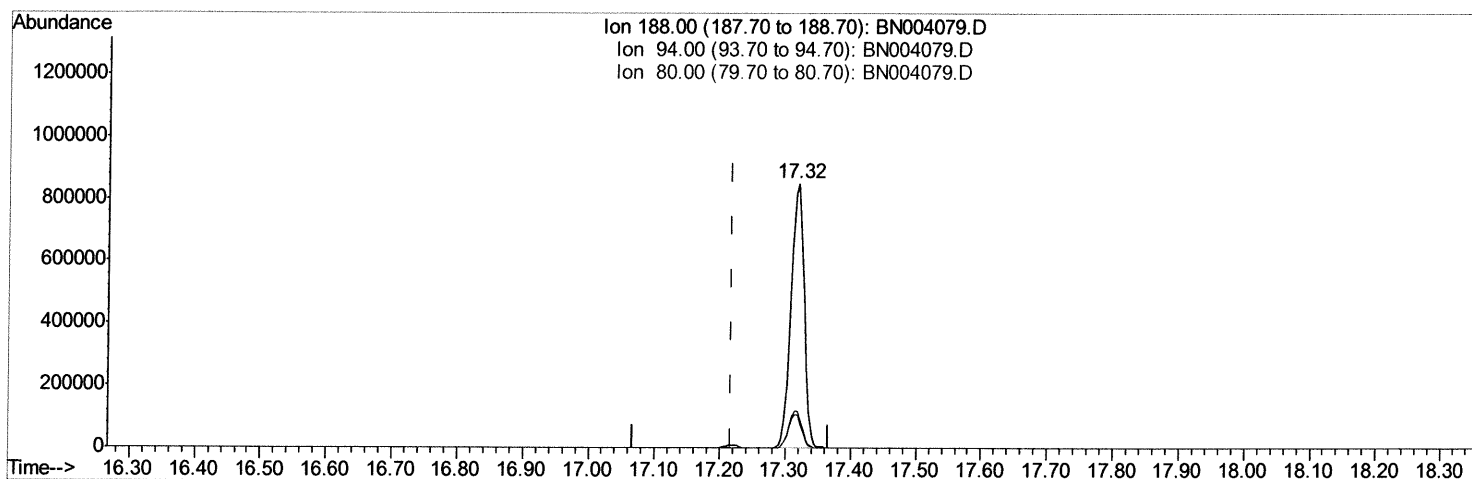
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 01:58:21 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



TIC: BN004079.D

(10) Phenanthrene-d10 (I)
17.318min (+0.101) 0.40ng/ul
response 1178387

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.70#
80.00	11.60	12.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

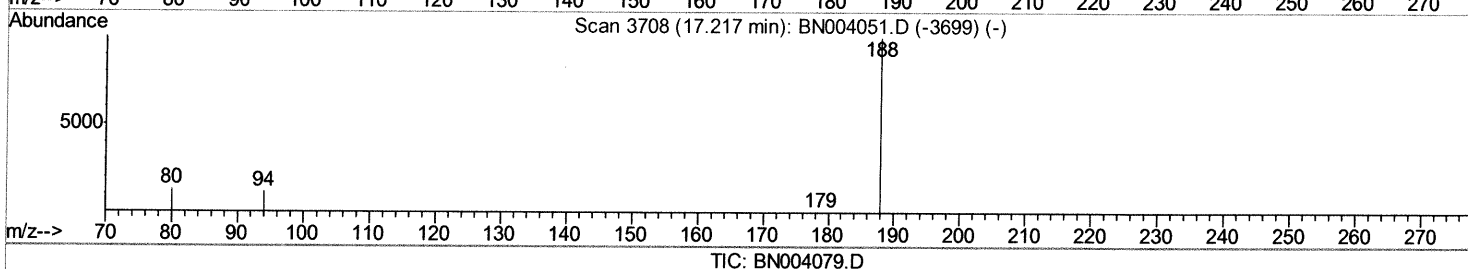
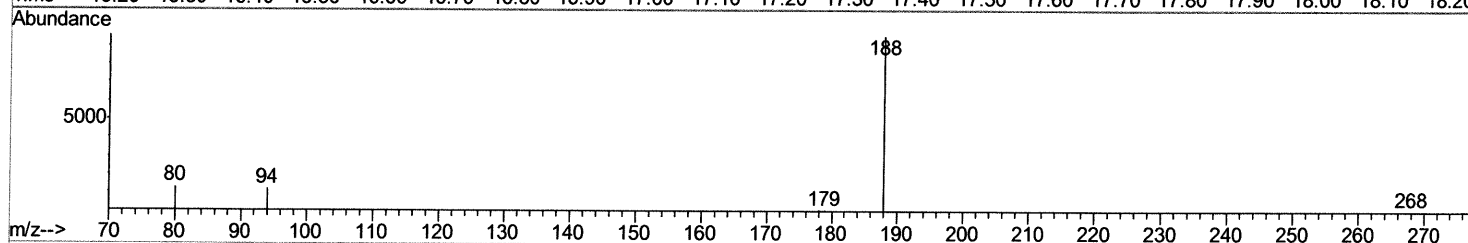
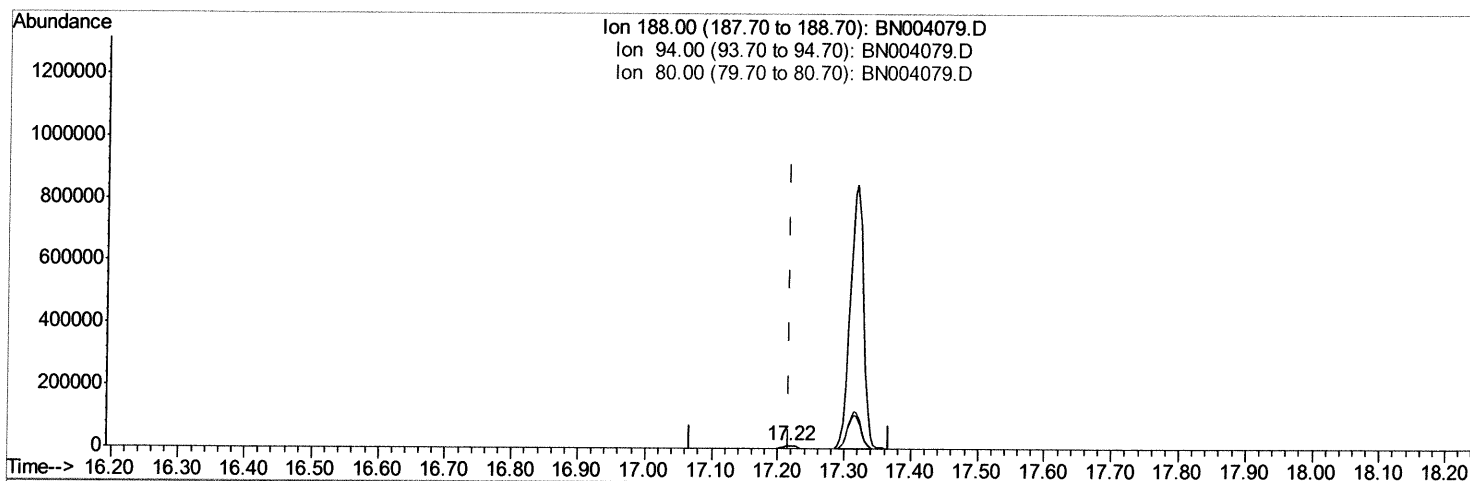
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 01:58:21 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



TIC: BN004079.D

(10) Phenanthrene-d10 (I)

17.217min (+0.000) 0.40ng/ul m

response 12861

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.51#
80.00	11.60	13.71
0.00	0.00	0.00

> SJ
12/19/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

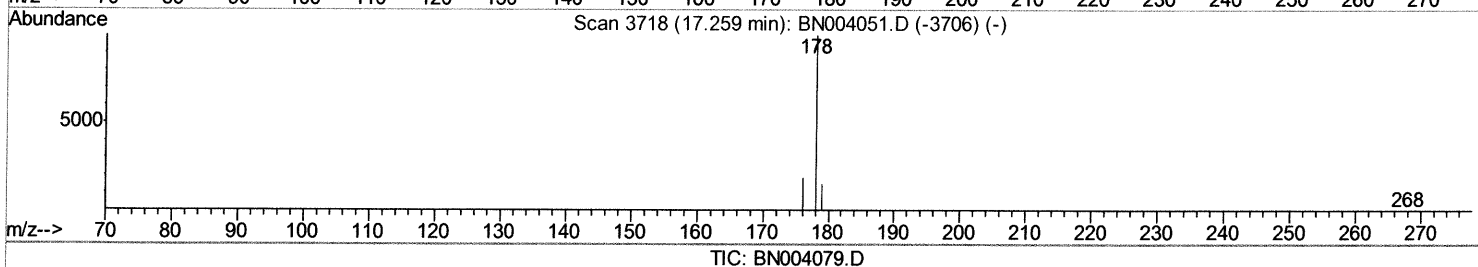
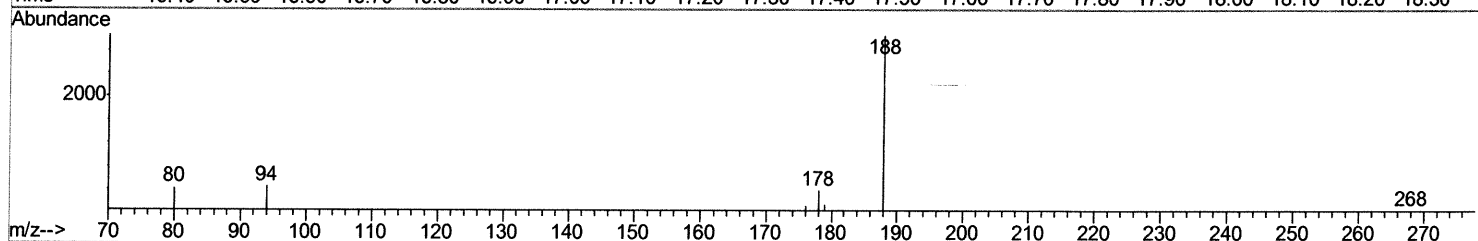
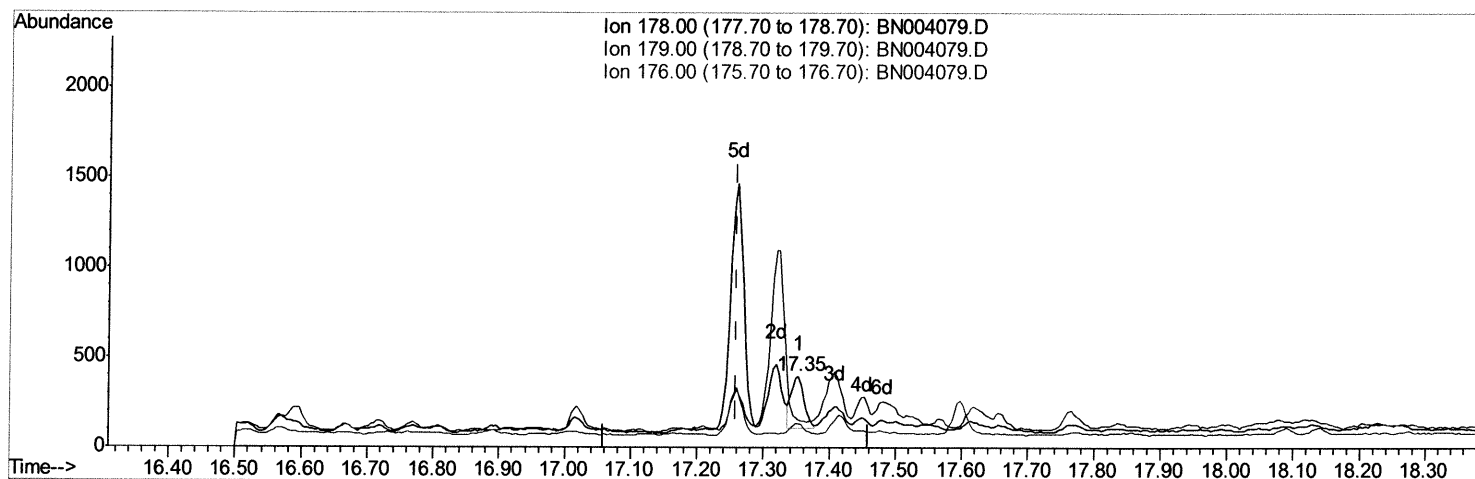
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:34:33 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



(12) Phenanthrene

17.352min (+0.093) 0.01ng/ul

response 391

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	39.34#
176.00	18.70	34.01#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

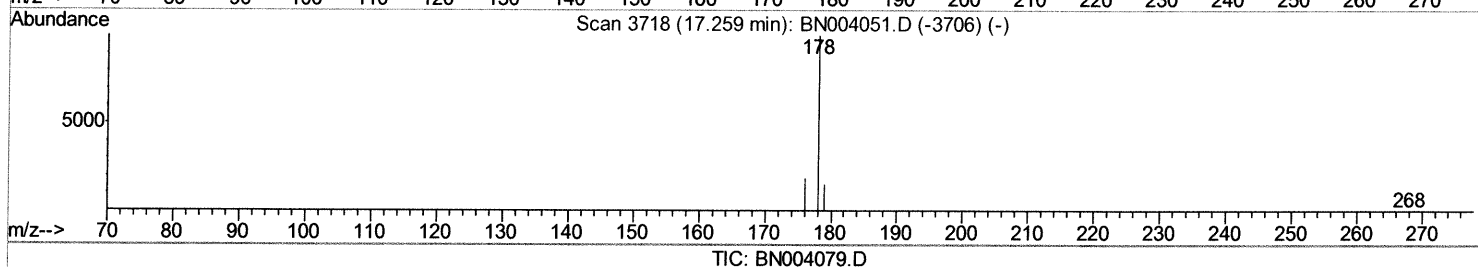
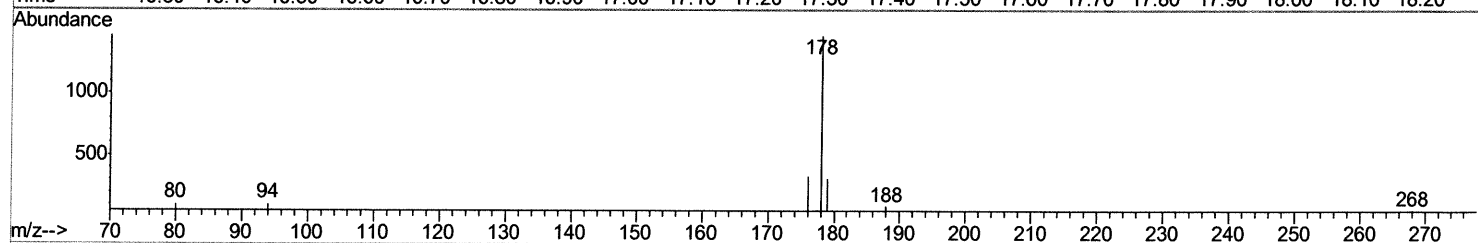
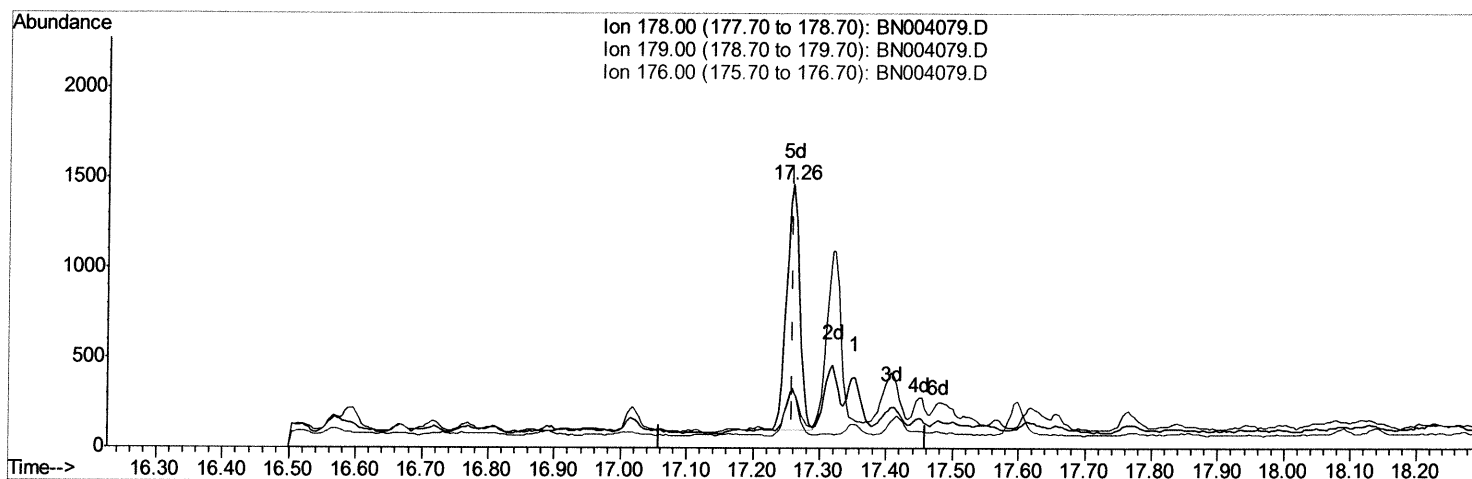
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:34:33 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



TIC: BN004079.D

(12) Phenanthrene

17.259min (+0.000) 0.04ng/ul m

response 1869

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	21.61#
176.00	18.70	22.70#
0.00	0.00	0.00

> SJ
12/19/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

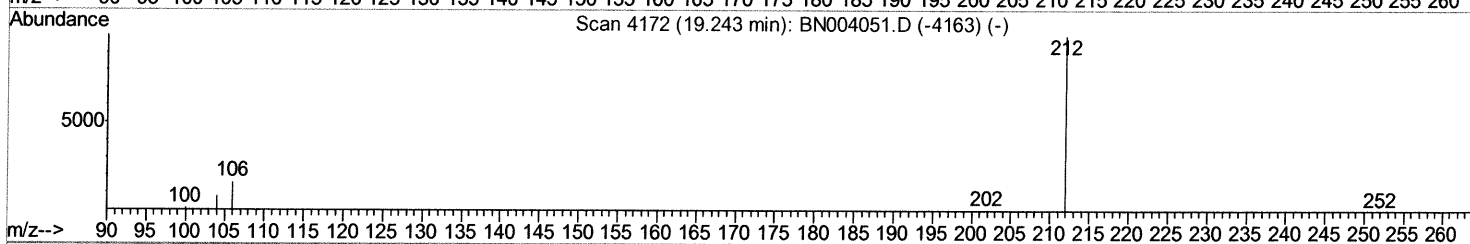
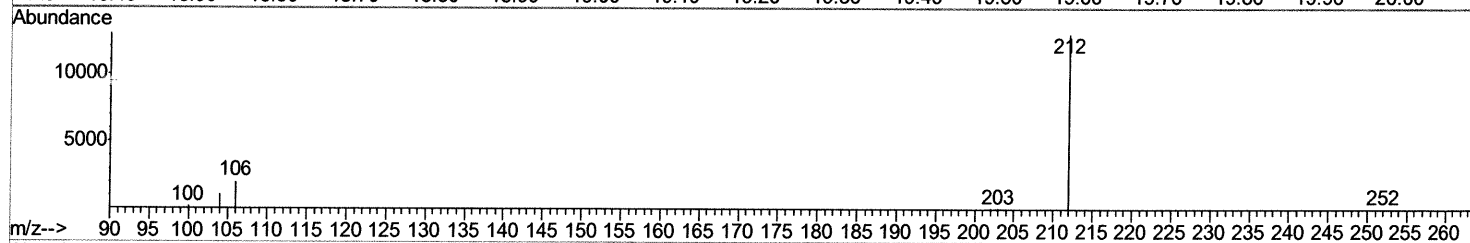
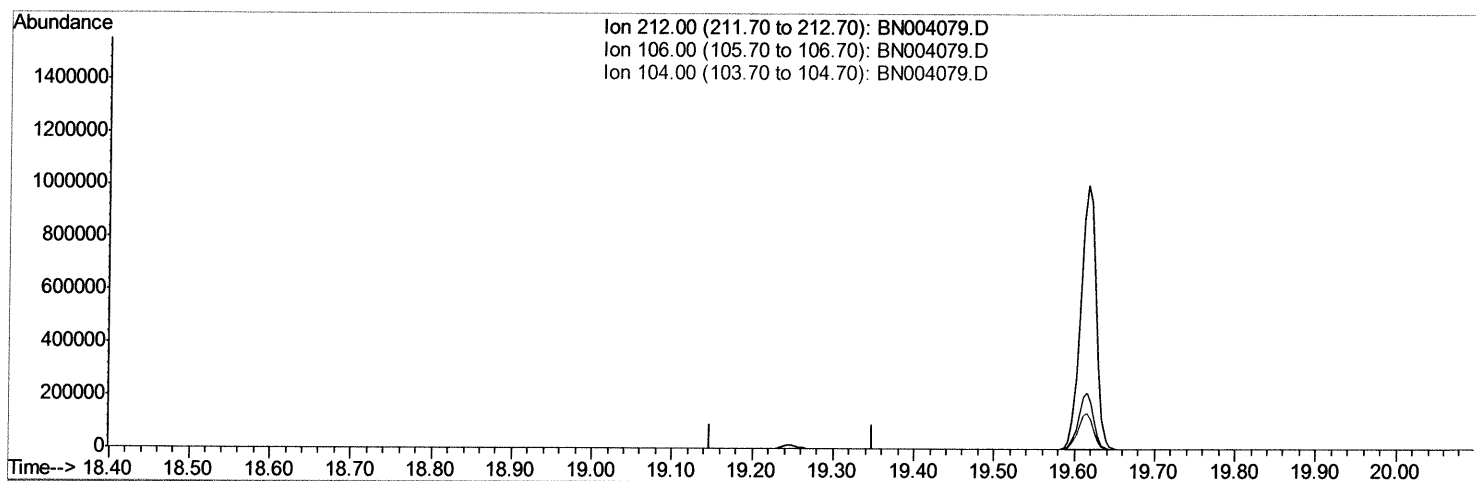
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:34:33 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



TIC: BN004079.D

(14) Fluoranthene-d10 (SURR)

19.248min (-19.248) 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\BN121818\
Quantitation Report (Qedit)

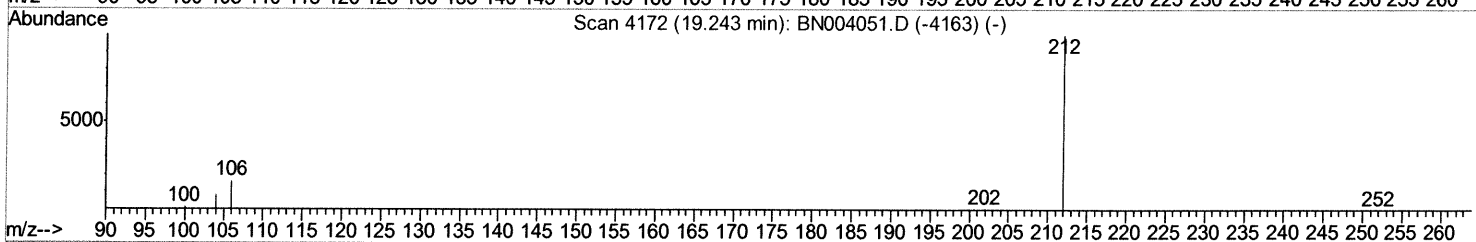
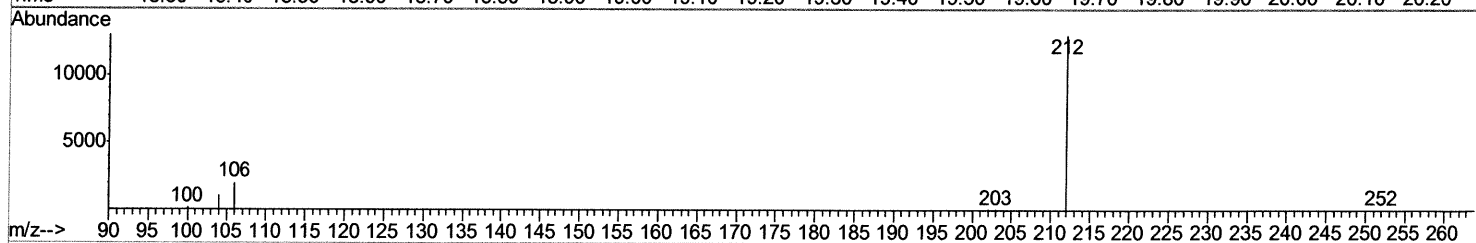
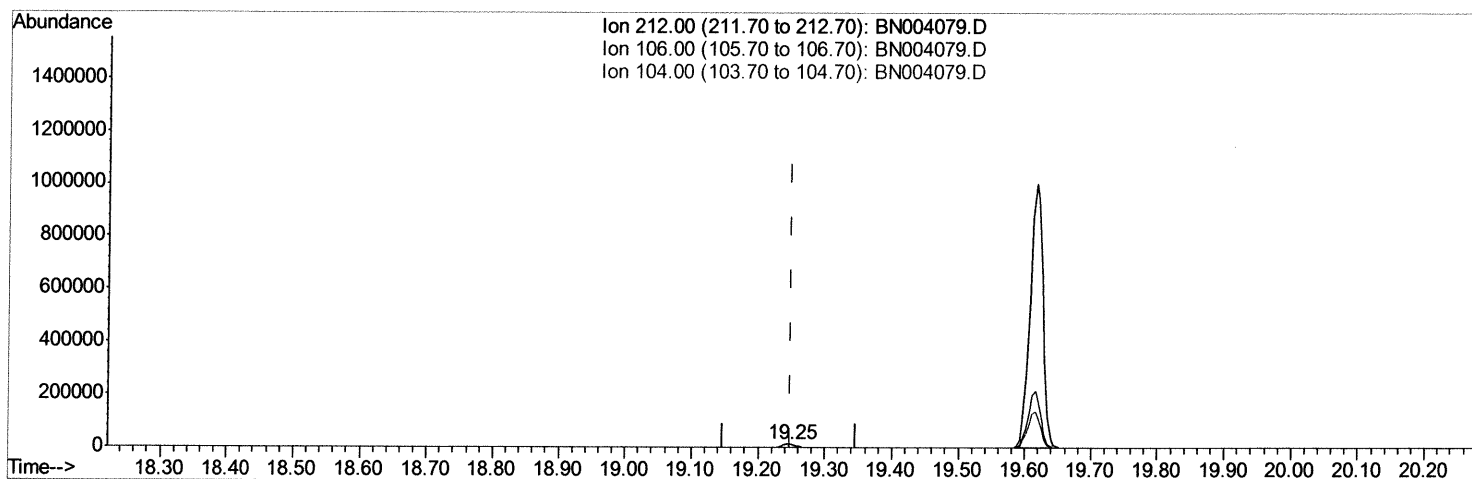
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:34:33 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



TIC: BN004079.D

(14) Fluoranthene-d10 (SURRE)

19.248min (+0.000) 0.44ng/ul m

response 16421

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

> SJ
12/19/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

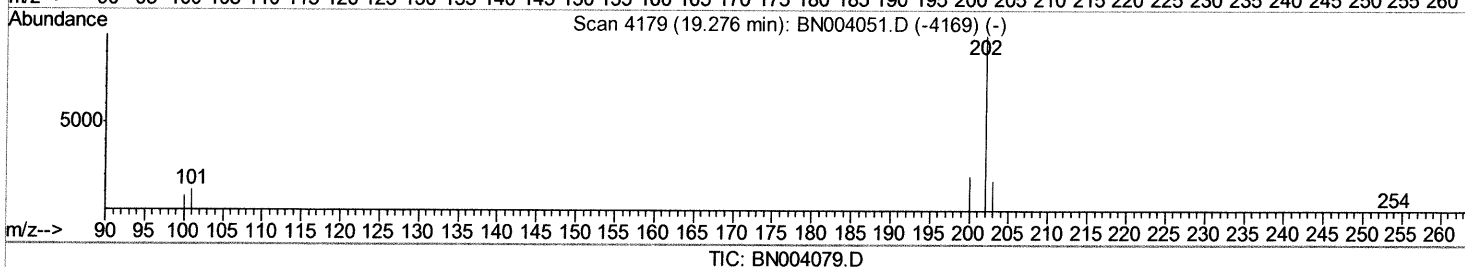
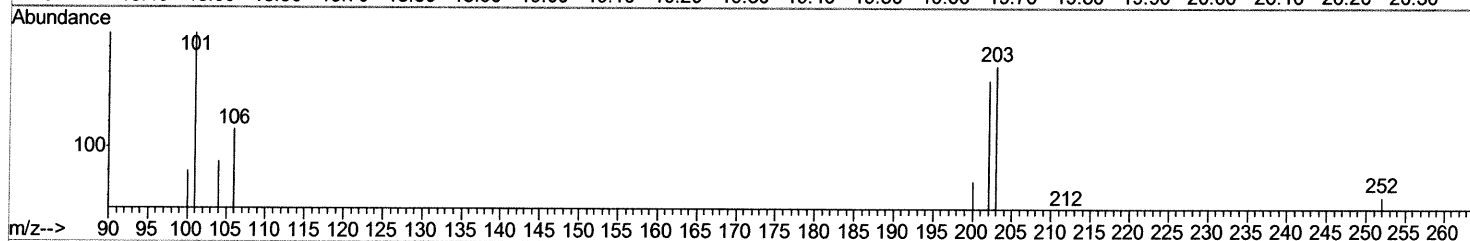
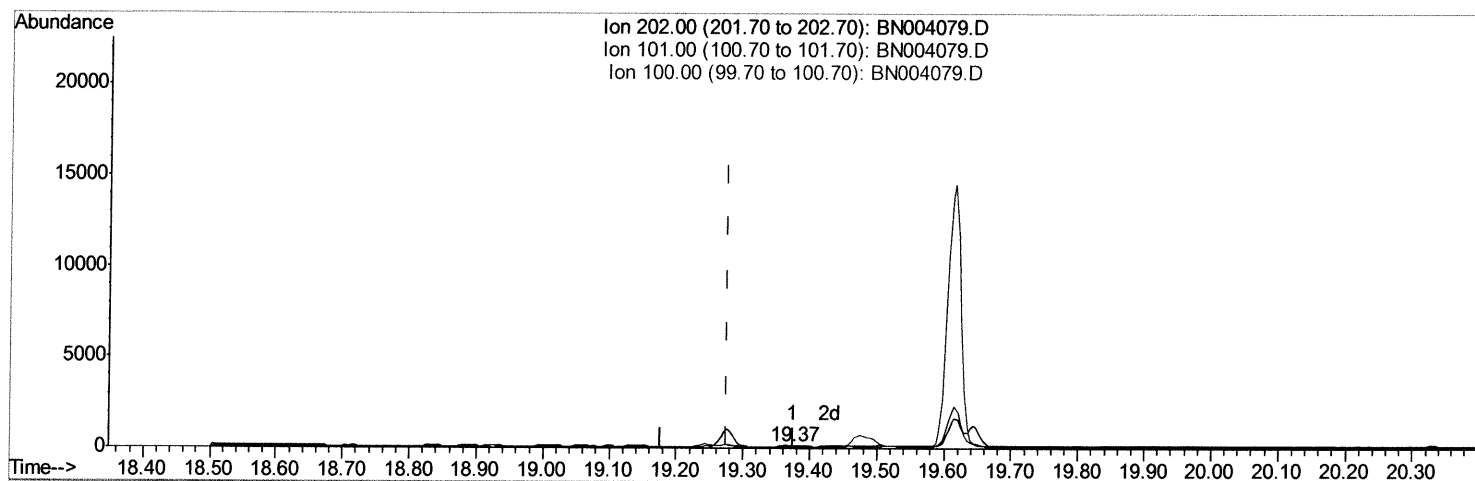
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:34:33 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.374min (+0.098) 0.00ng/ul

response 44

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	114.96#
100.00	8.10	70.87#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

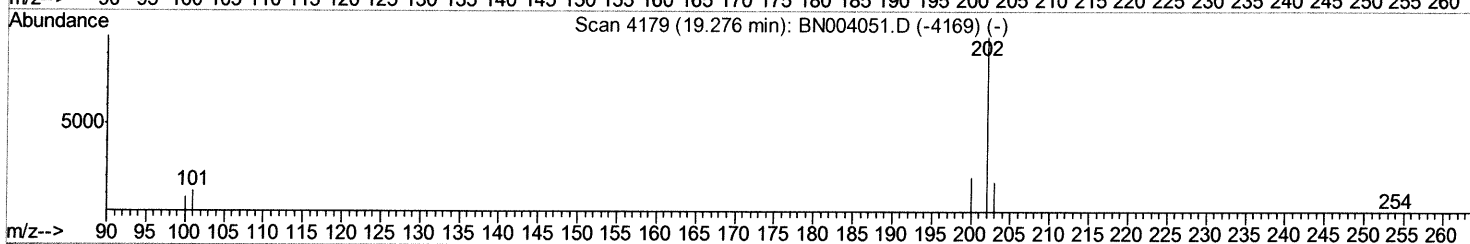
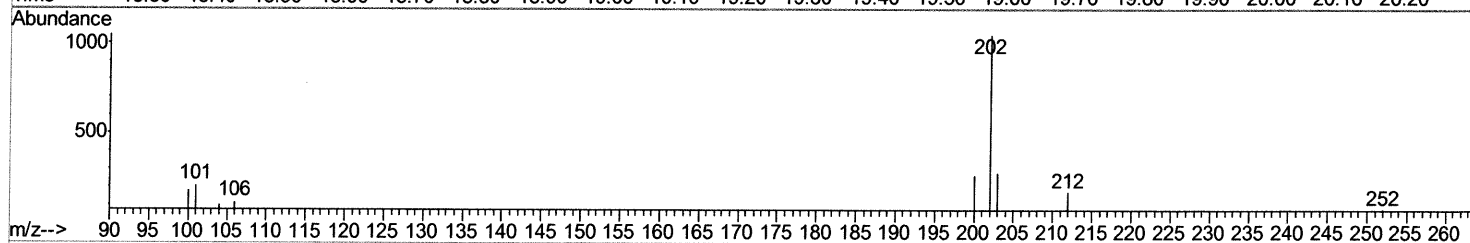
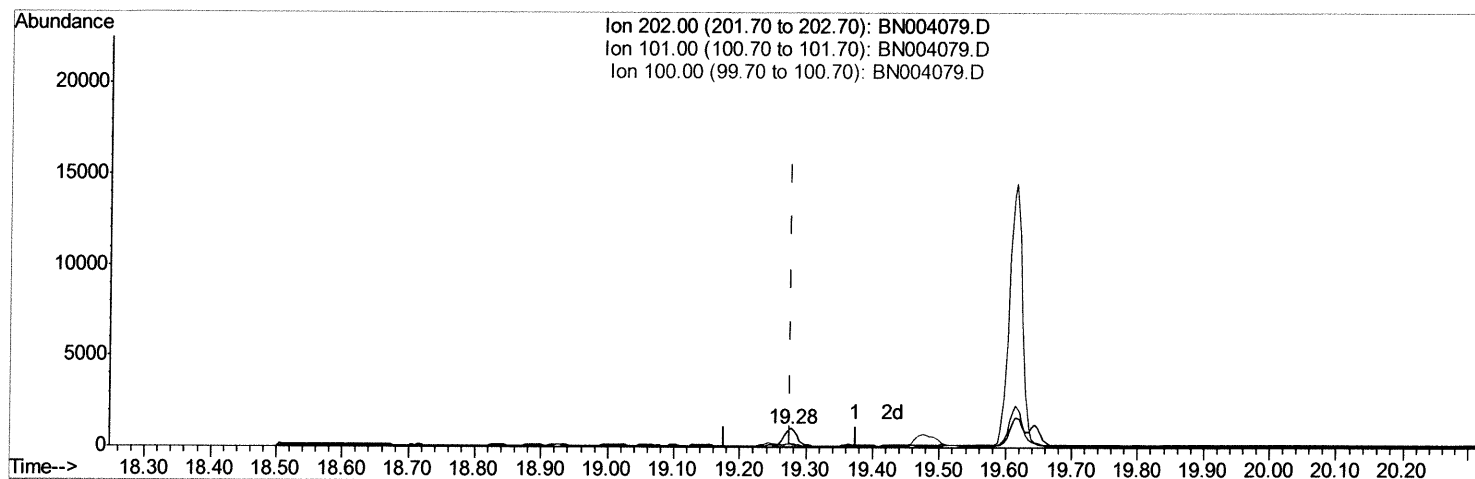
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:34:33 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



TIC: BN004079.D

(15) Fluoranthene (C)

19.276min (+0.000) 0.02ng/ul m

response 1187

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	19.54
100.00	8.10	16.76
0.00	0.00	0.00

> SJ
12/19/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

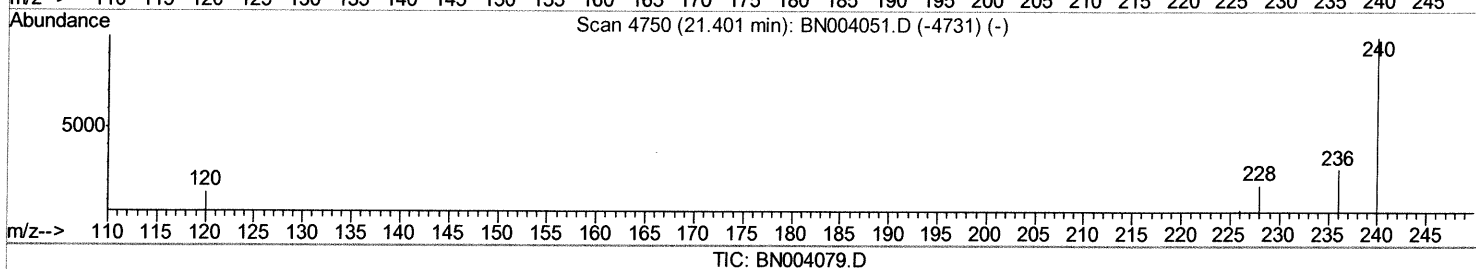
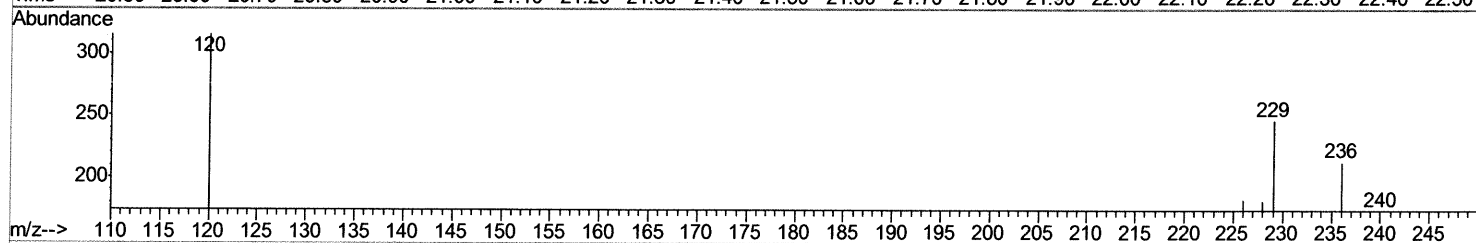
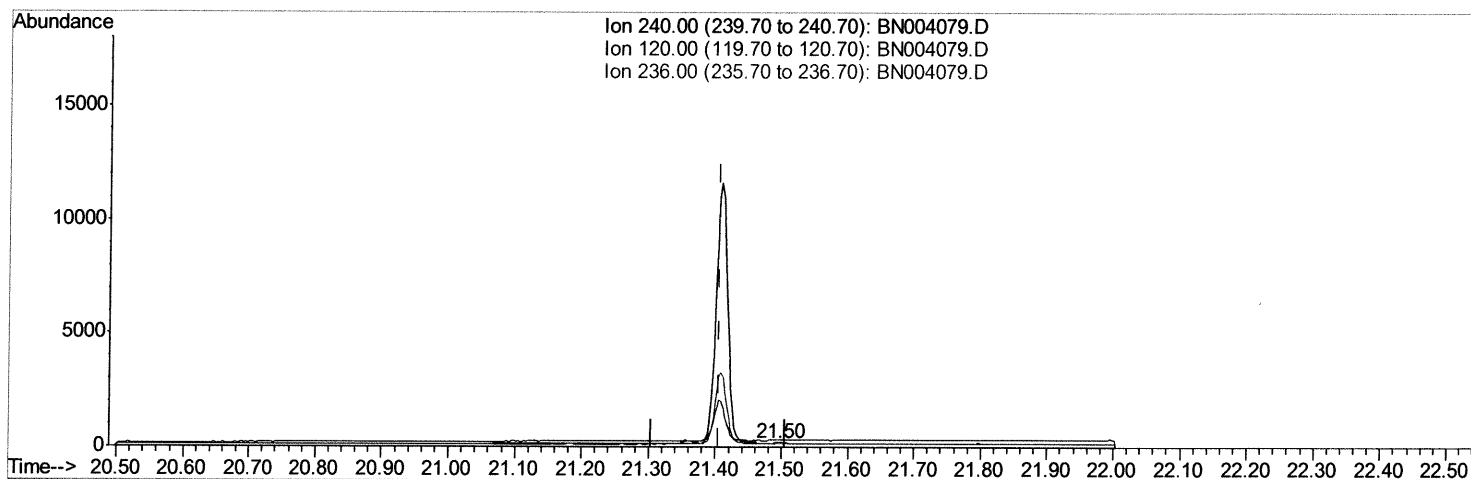
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:34:33 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



TIC: BN004079.D

(16) Chrysene-d12 (I)

21.496min (+0.091) 0.40ng/ul

response 36

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	181.03#
236.00	27.60	122.41#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

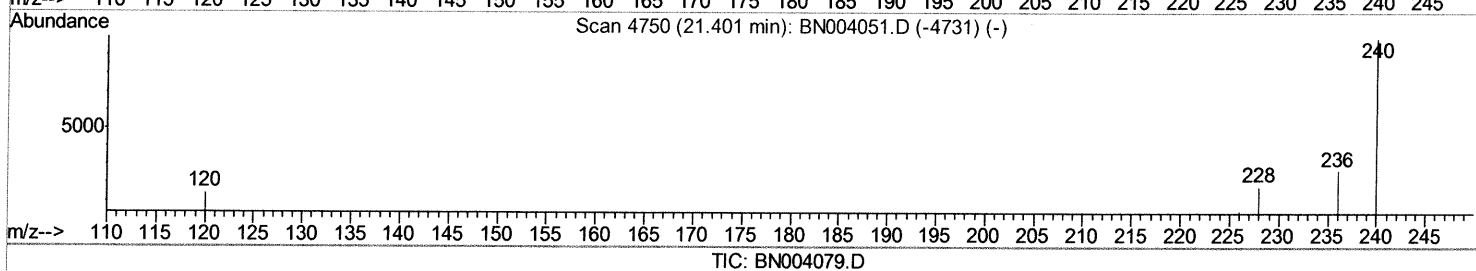
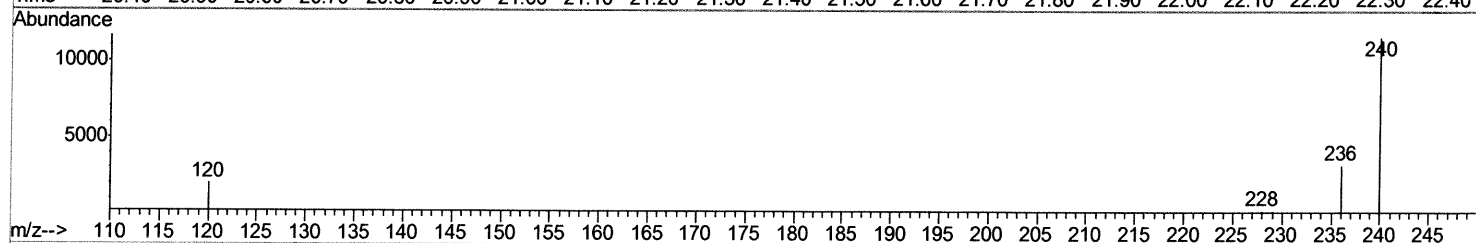
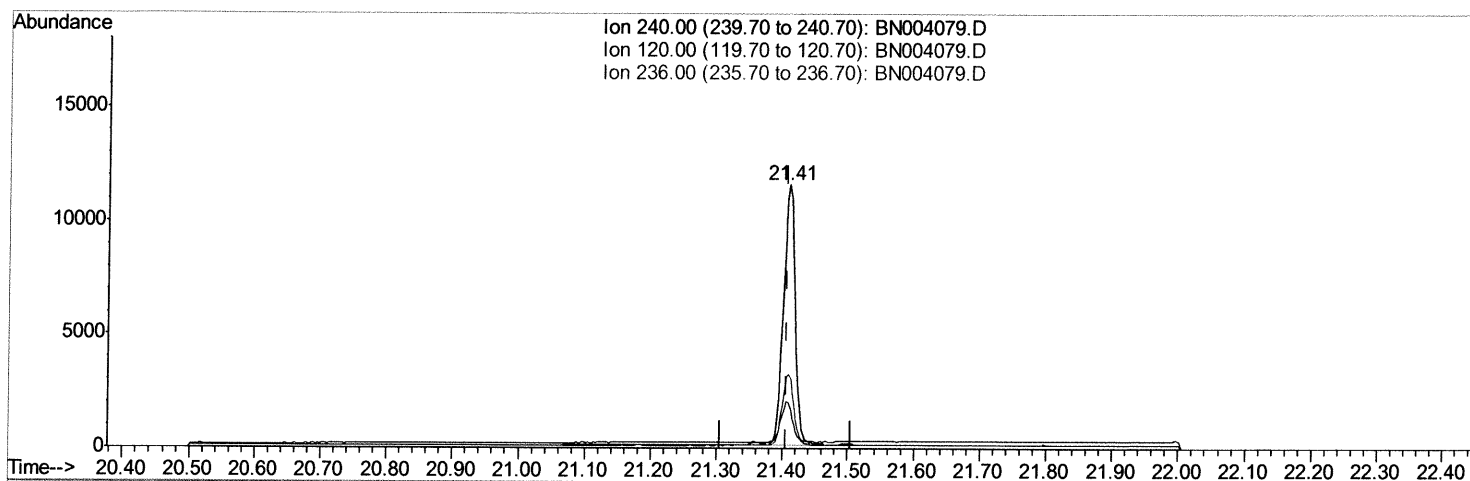
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:34:33 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.408min (+0.003) 0.40ng/ul m

response 14020

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	17.25#
236.00	27.60	28.37
0.00	0.00	0.00

> SJ
12/19/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

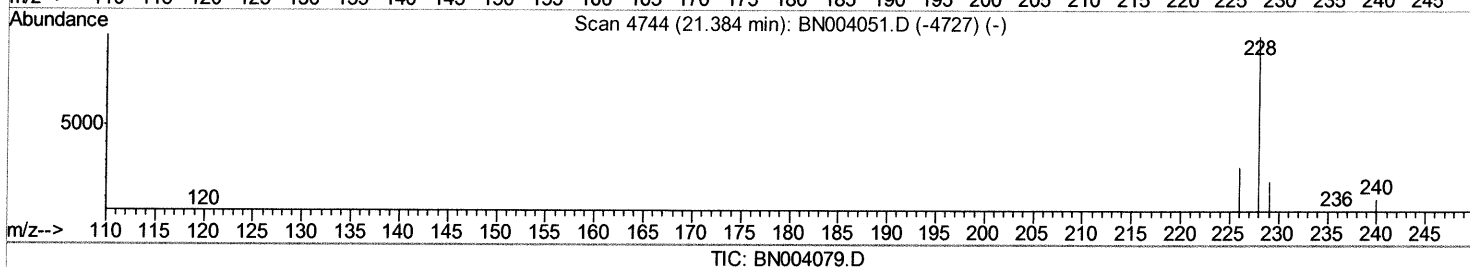
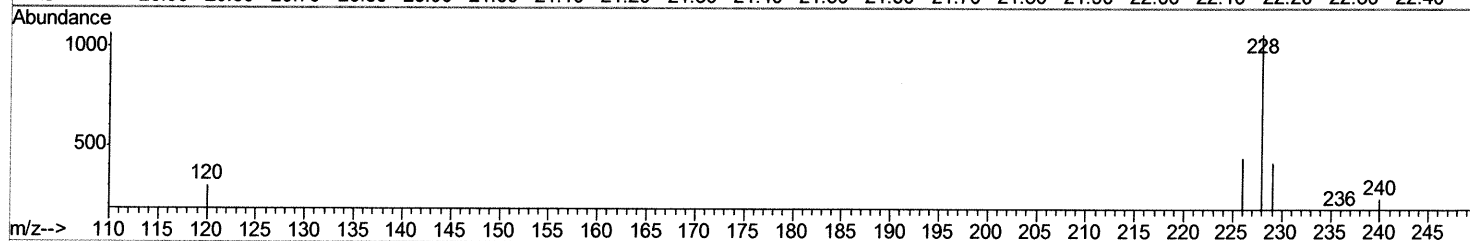
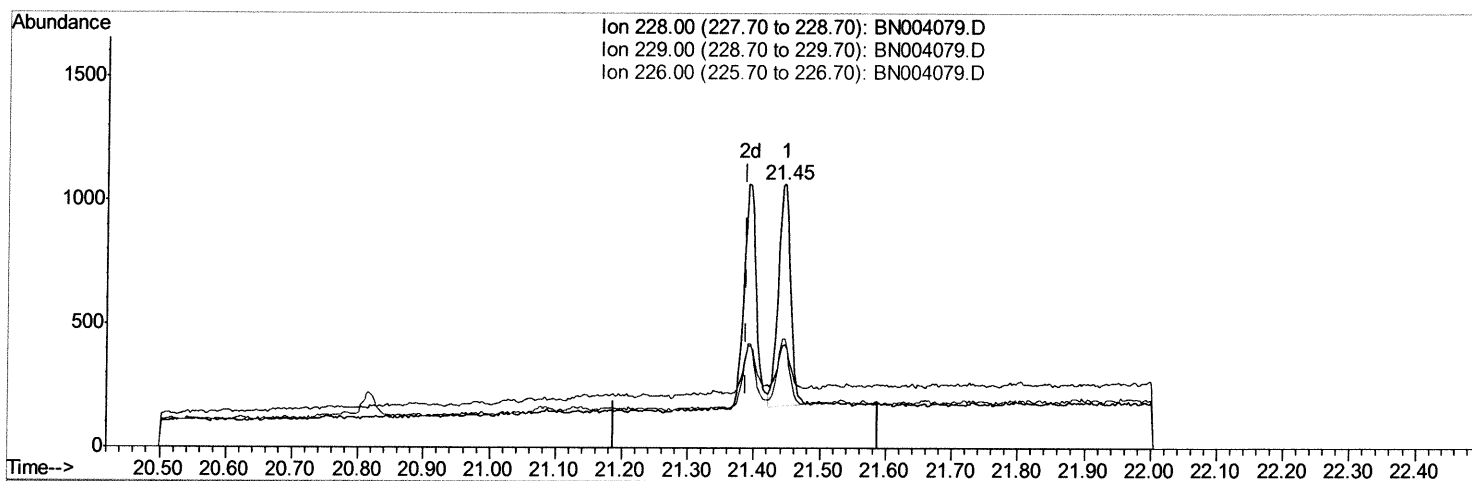
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:36:59 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene
21.446min (+0.058) 0.03ng/ul
response 1164

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	39.12#
226.00	26.40	41.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

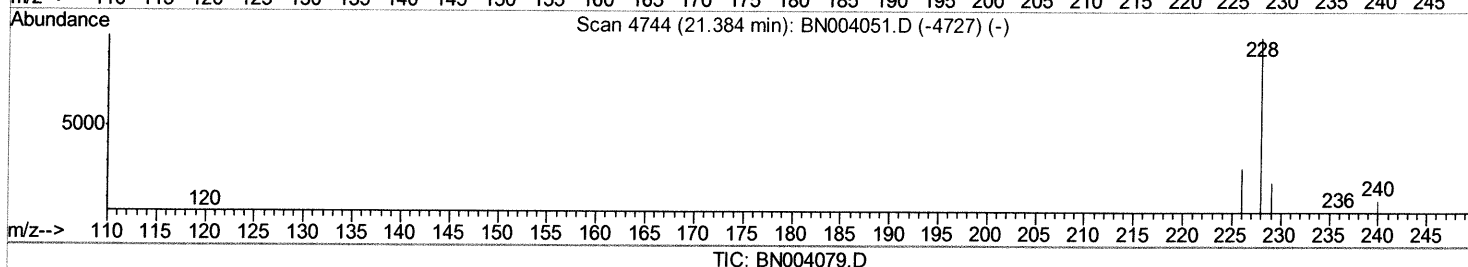
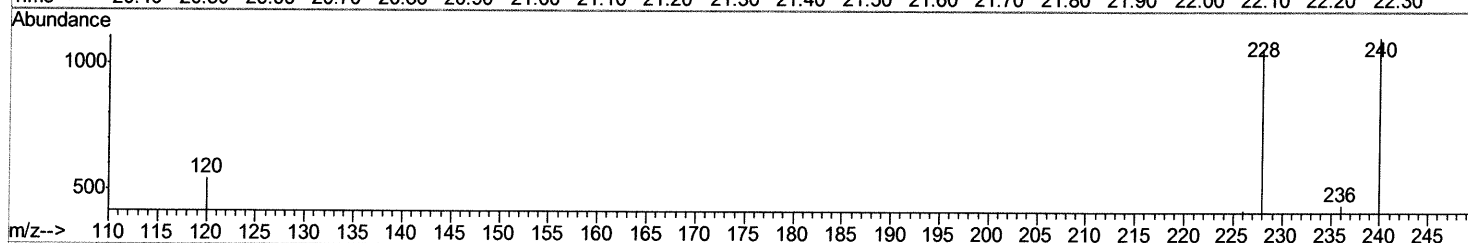
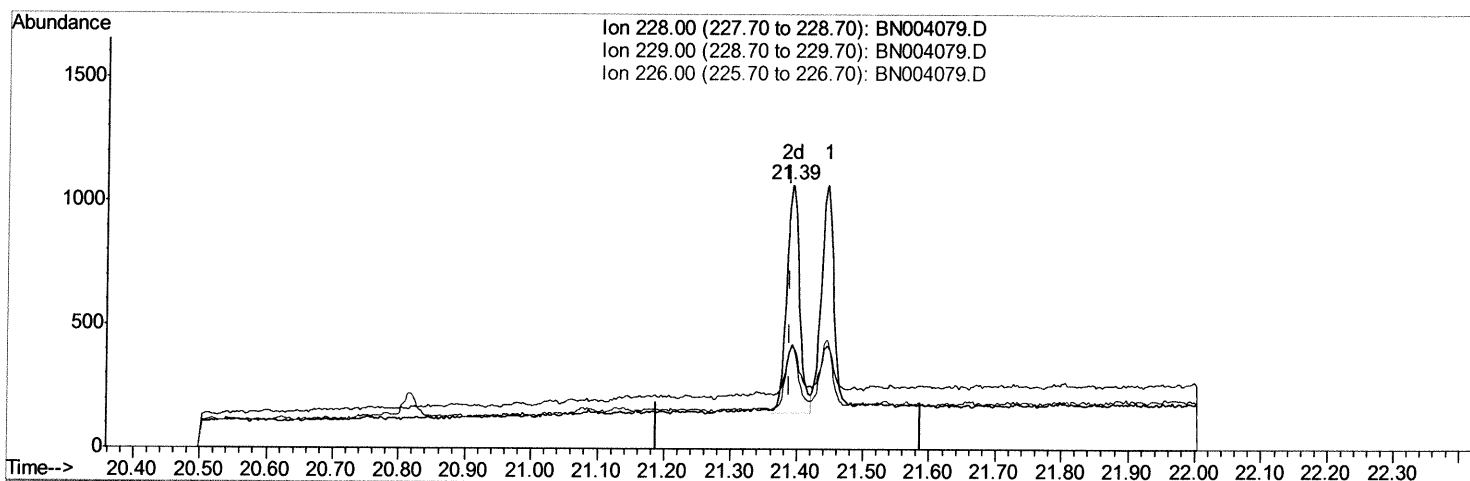
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:36:59 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.391min (+0.003) 0.03ng/ul m

response 1243

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	38.58#
226.00	26.40	39.33#
0.00	0.00	0.00

> SJ
12/19/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

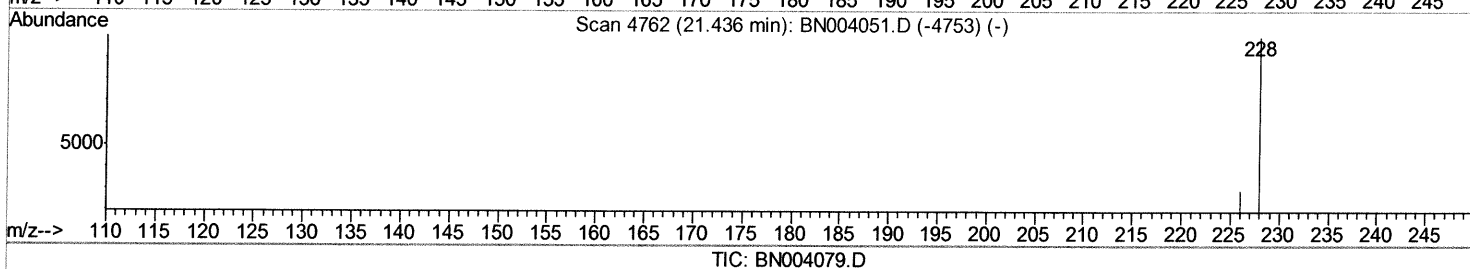
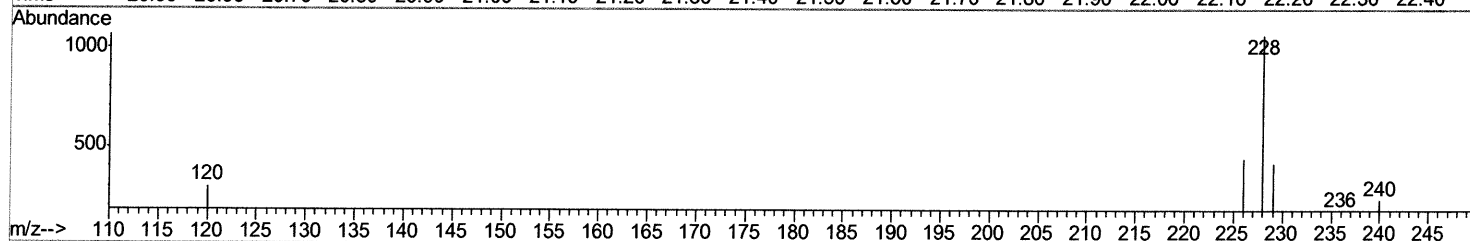
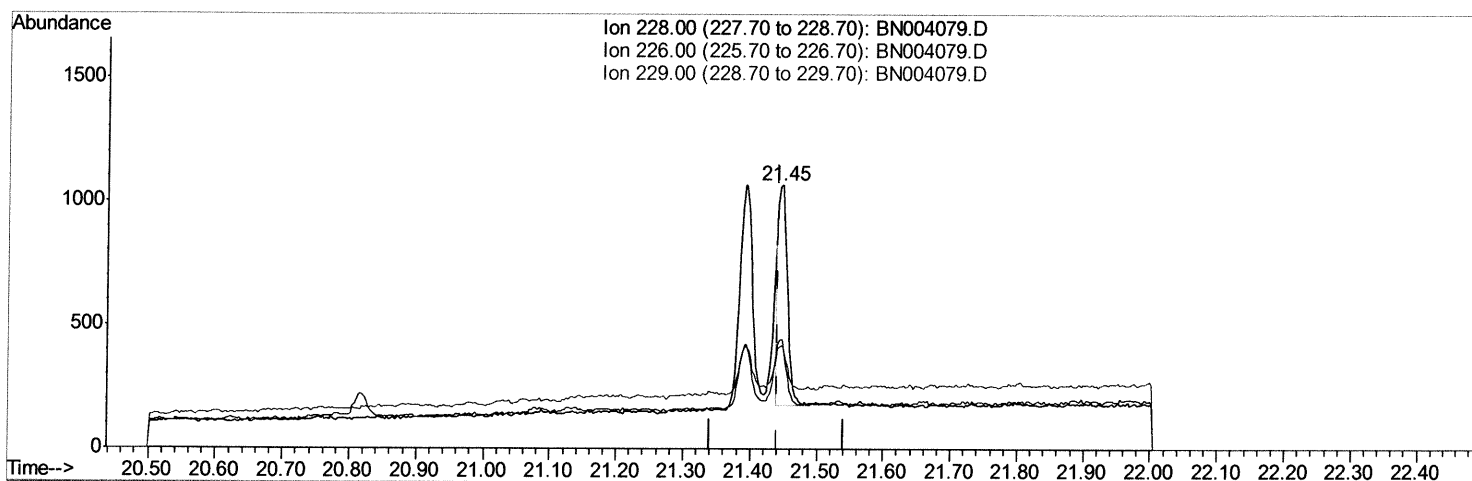
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:36:59 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



(19) Chrysene

21.446min (+0.006) 0.02ng/ul

response 850

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	41.28#
229.00	19.60	39.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

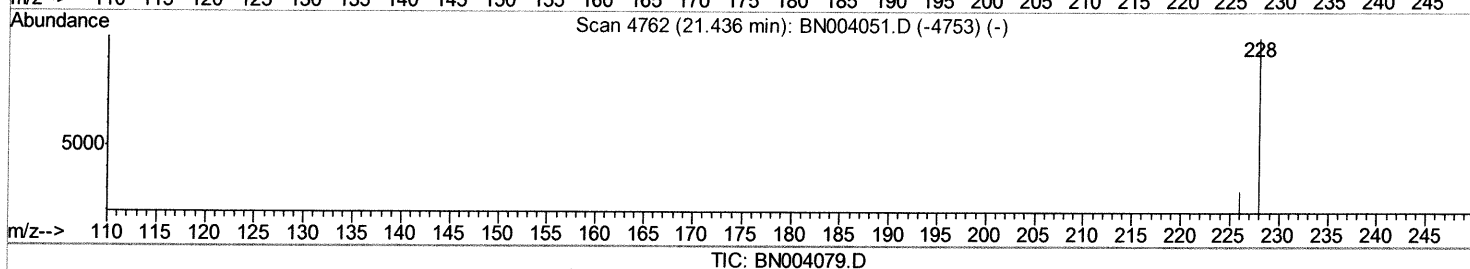
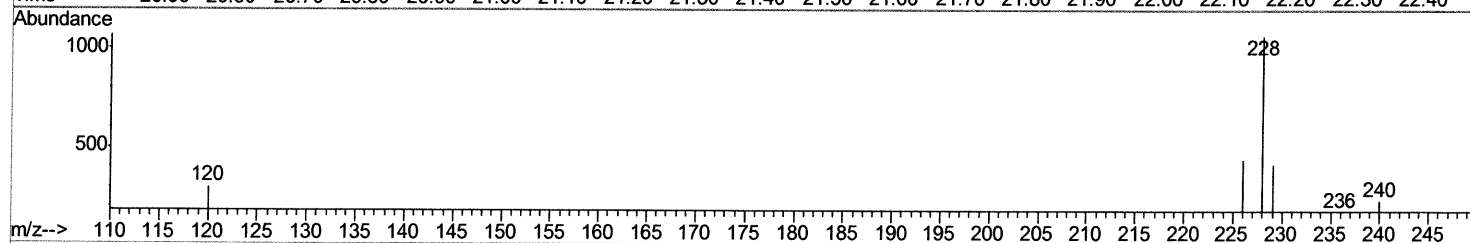
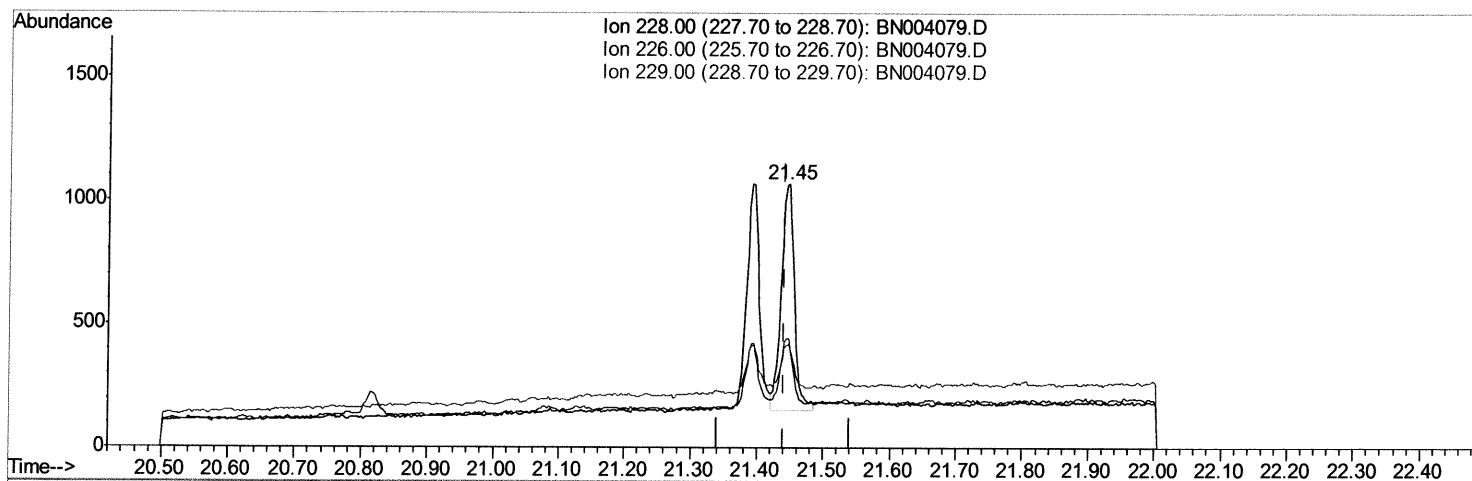
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:36:59 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



(19) Chrysene

21.446min (+0.006) 0.02ng/ul m

response 1241

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	41.28#
229.00	19.60	39.12#
0.00	0.00	0.00

> SJ
12/19/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

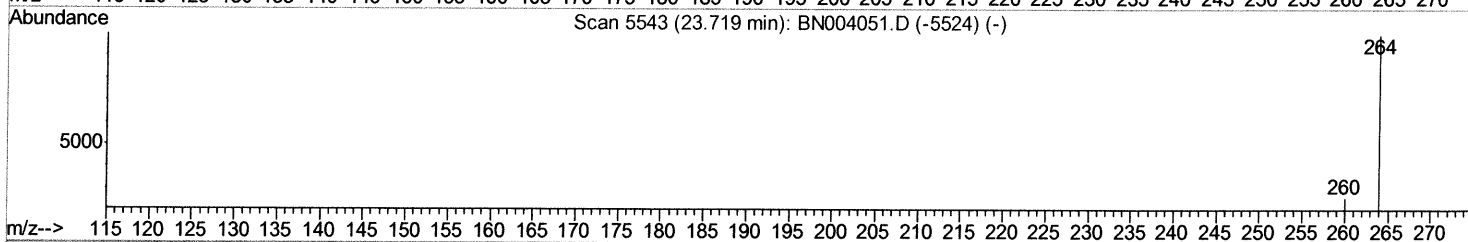
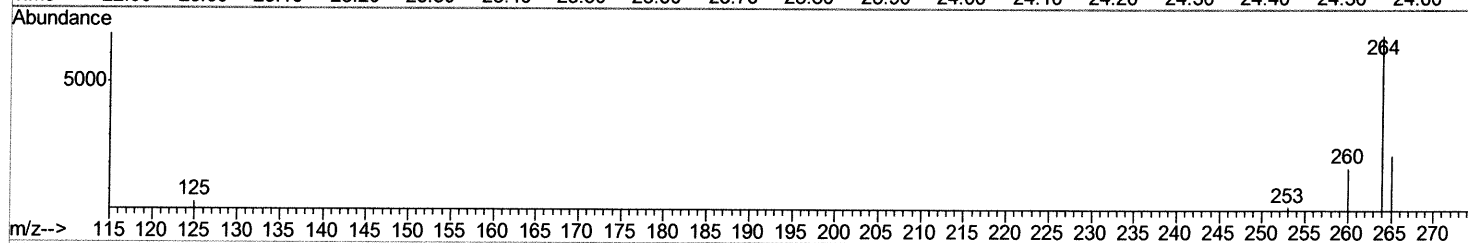
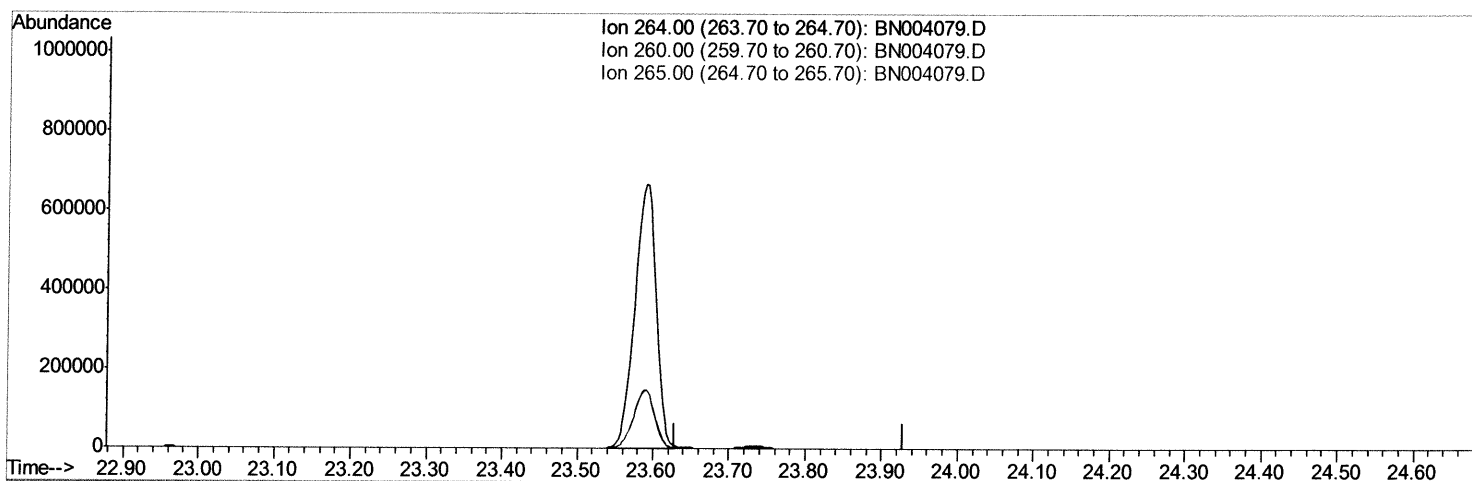
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:36:59 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



TIC: BN004079.D

(20) Perylene-d12 (I)

23.729min (-23.729) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	26.20	0.00#
265.00	33.50	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (Qedit)

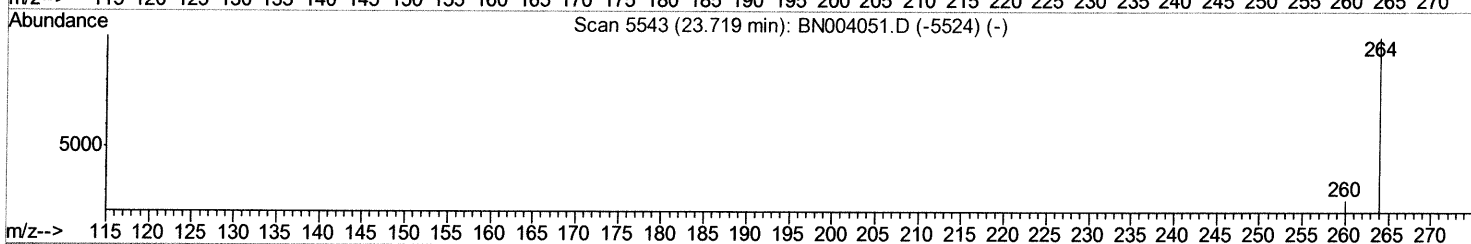
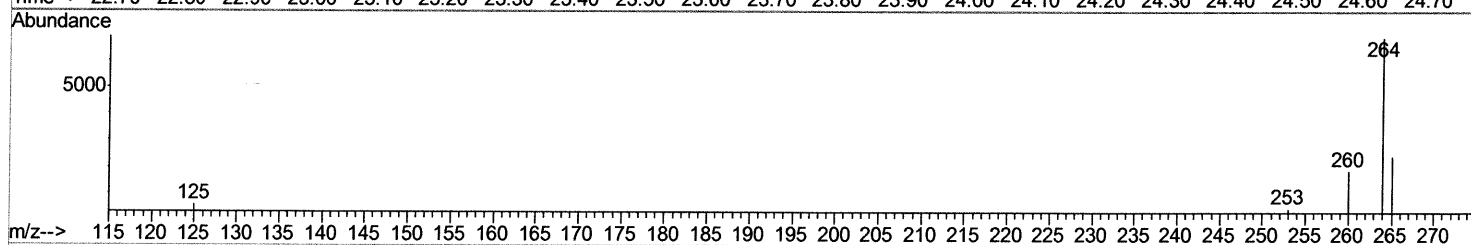
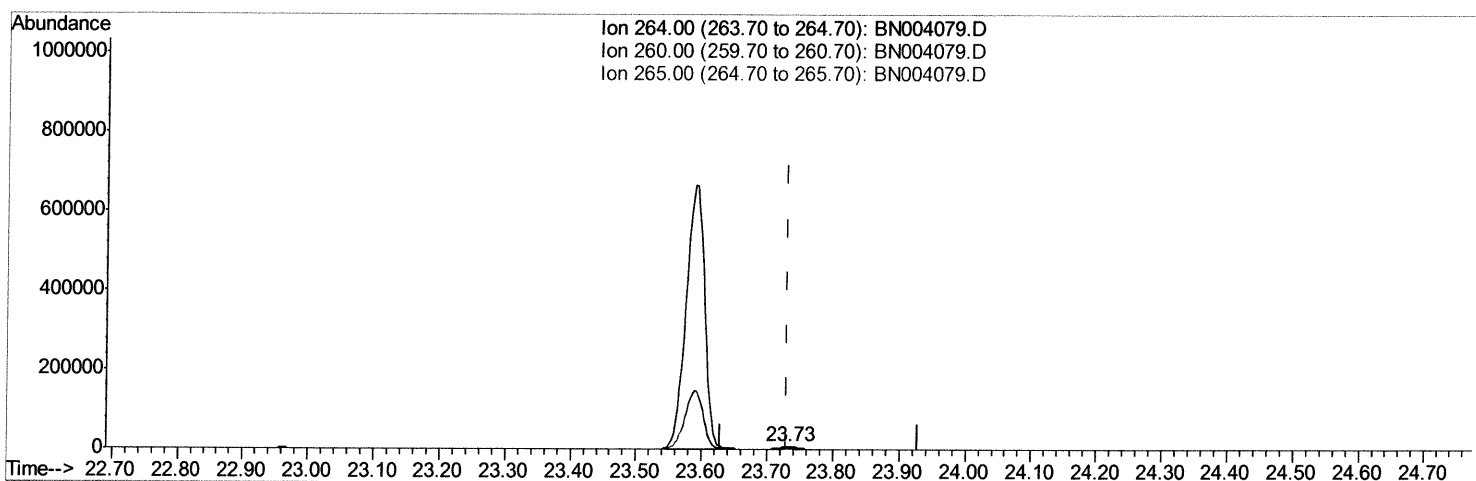
Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:36:59 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration



TIC: BN004079.D

(20) Perylene-d12 (I)

23.732min (+0.003) 0.40ng/ul m

response 12417

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	27.29
265.00	33.50	34.93
0.00	0.00	0.00

> SJ
12/19/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121818\
Quantitation Report (QT Reviewed)

Data File : BN004079.D
Acq On : 18 Dec 2018 16:43
Operator : JU/SJ
Sample : J6271-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E73

Manual Integrations
APPROVED

Sohil
12/19/2018 4:16:00 PM

Quant Time: Dec 19 03:39:13 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1510	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7599	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5297	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12861m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	14020m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	12417m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	4787	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	16421m	0.44	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	14361	0.673	ng/ul	97
5) 2-Methylnaphthalene	12.29	142	20387	1.368	ng/ul	100
12) Phenanthrene	17.26	178	1869m	0.044	ng/ul	
15) Fluoranthene	19.28	202	1187m	0.024	ng/ul	
18) Benzo(a)anthracene	21.39	228	1243m	0.028	ng/ul	
19) Chrysene	21.45	228	1241m	0.024	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.10	276	1662	0.033	ng/ul#	99

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