

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (QT Reviewed)

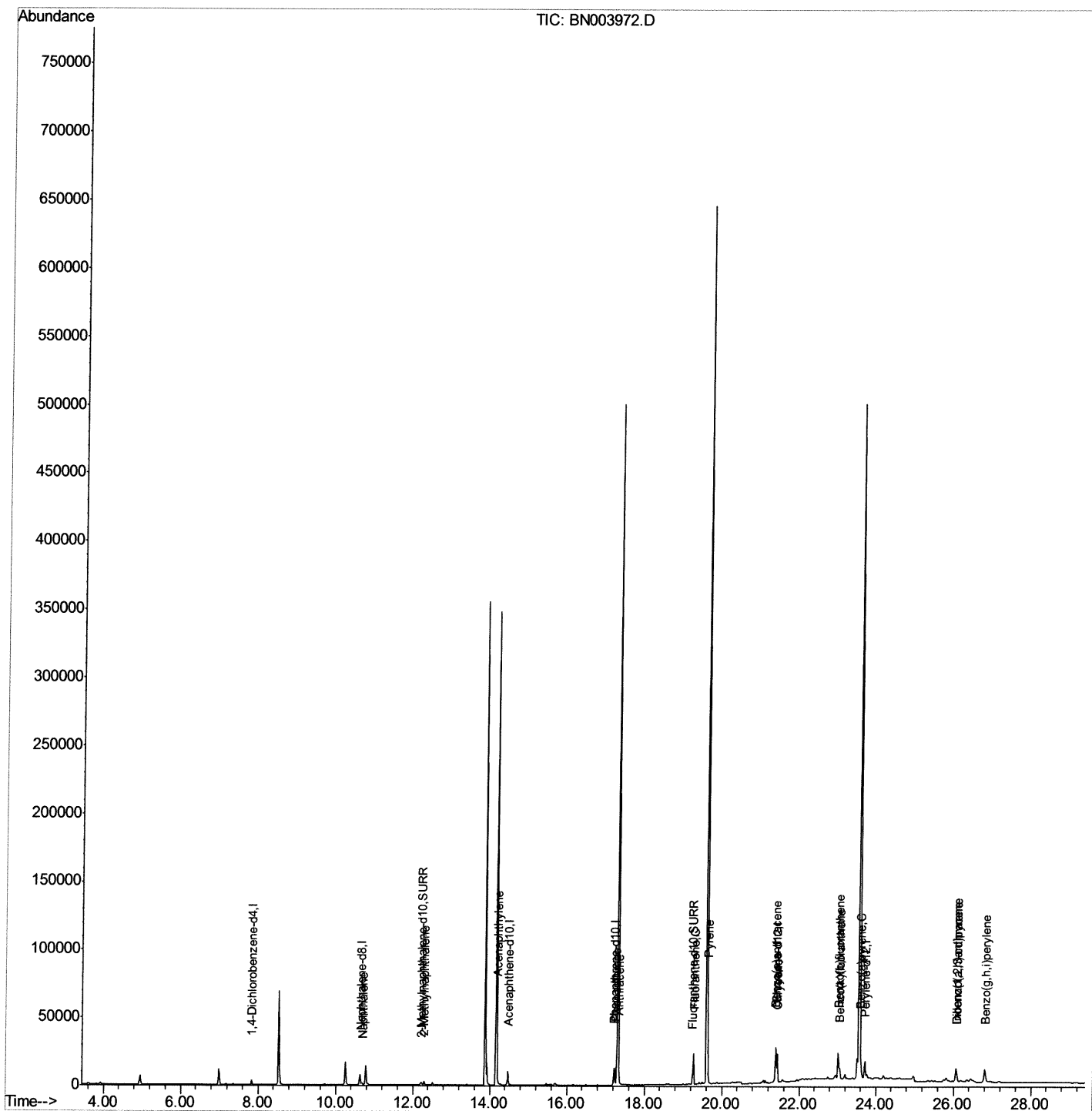
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:08:49 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

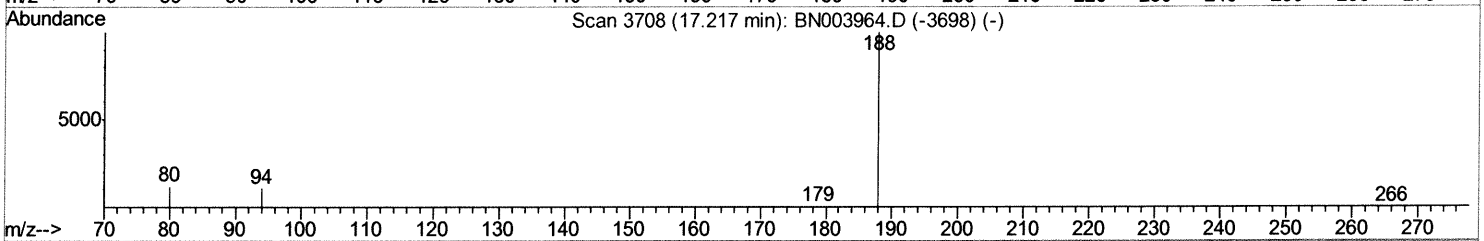
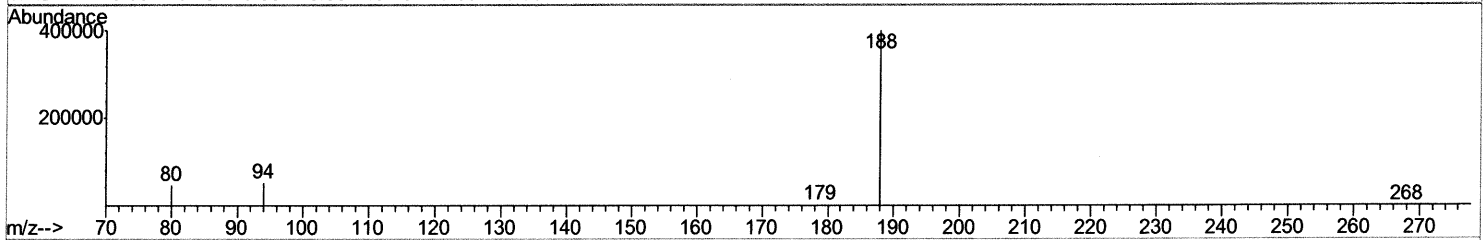
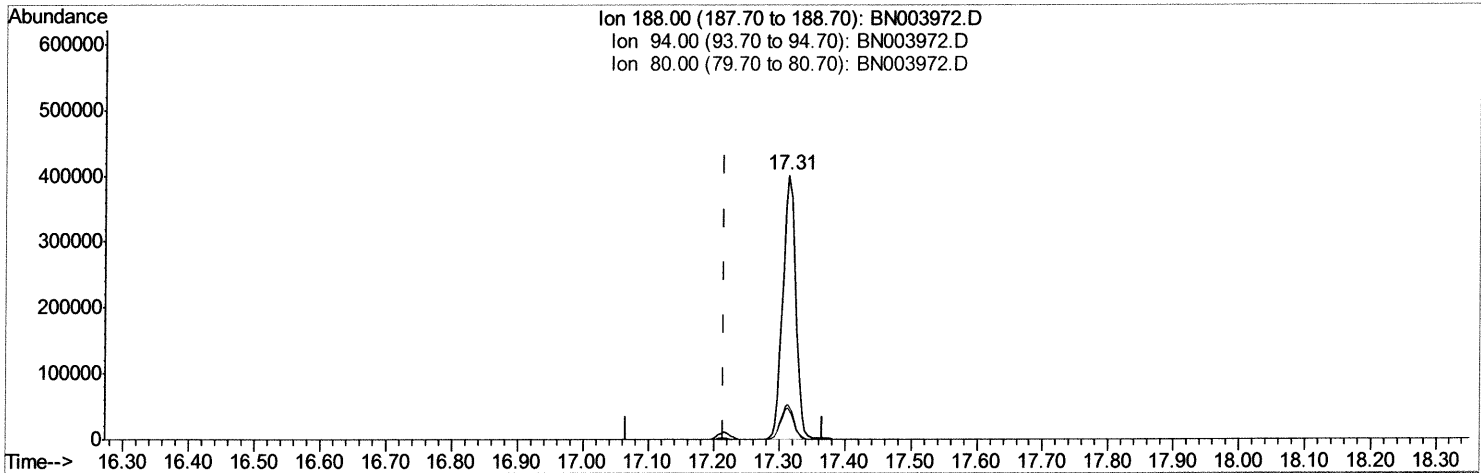
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:05:31 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



TIC: BN003972.D

(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 551002

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.00#
80.00	11.60	11.62
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

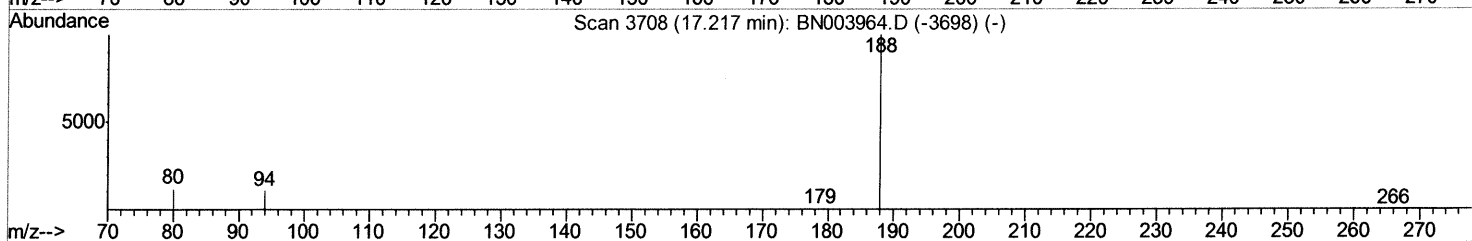
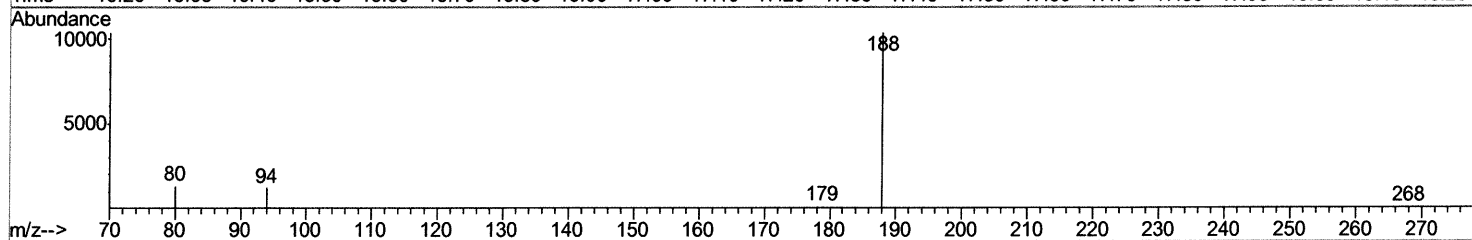
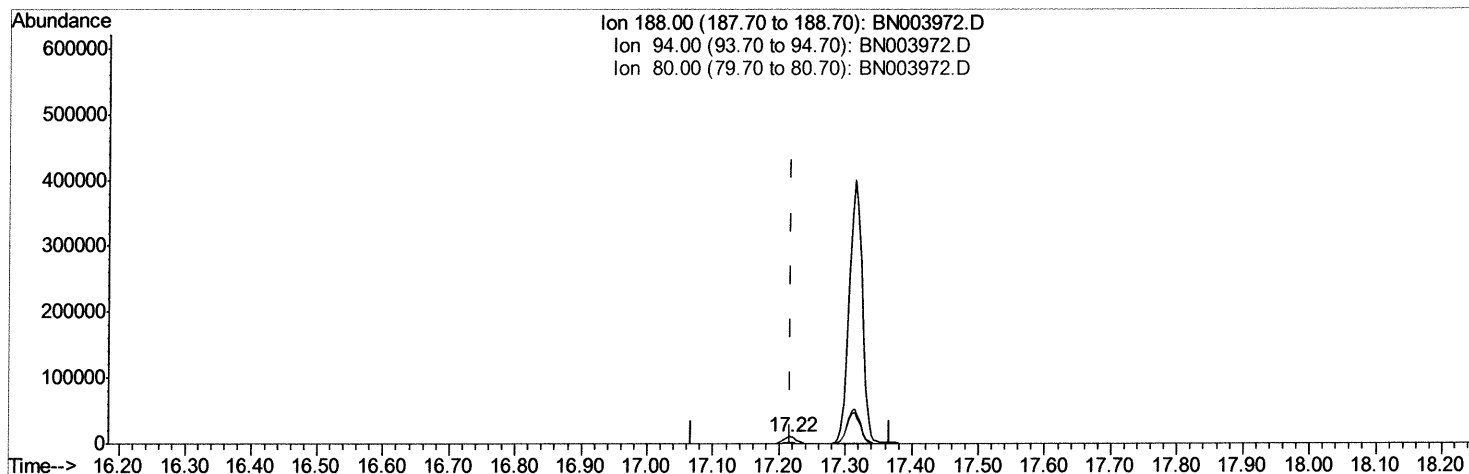
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:05:31 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



TIC: BN003972.D

(10) Phenanthrene-d10 (I)

17.217min (+0.000) 0.40ng/ul m

SD 12/17/18

response 14050

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.81
80.00	11.60	12.83
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

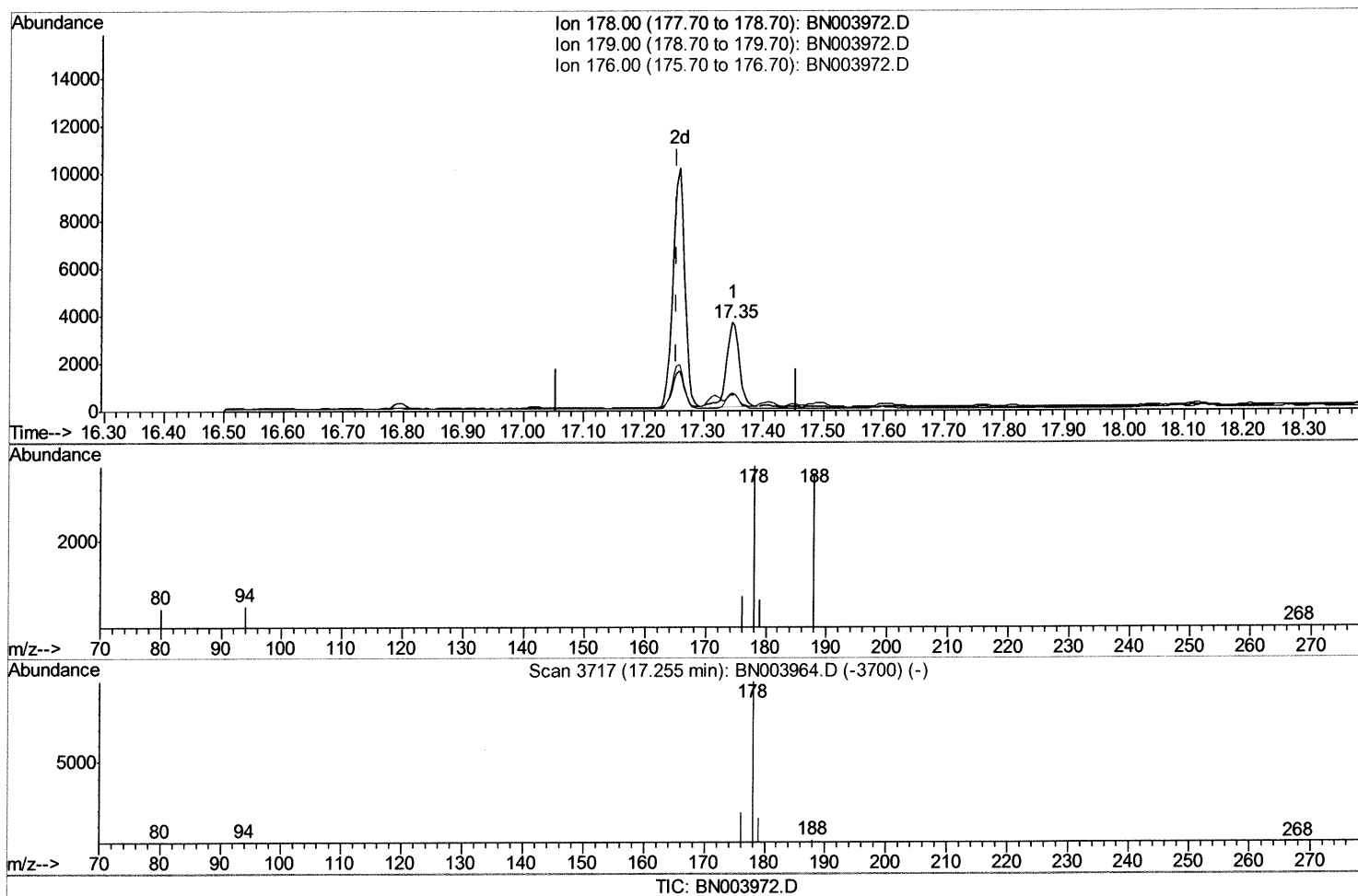
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:06:52 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



(12) Phenanthrene

17.348min (+0.093) 0.11ng/ul

response 5187

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	18.06
176.00	18.70	20.29
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

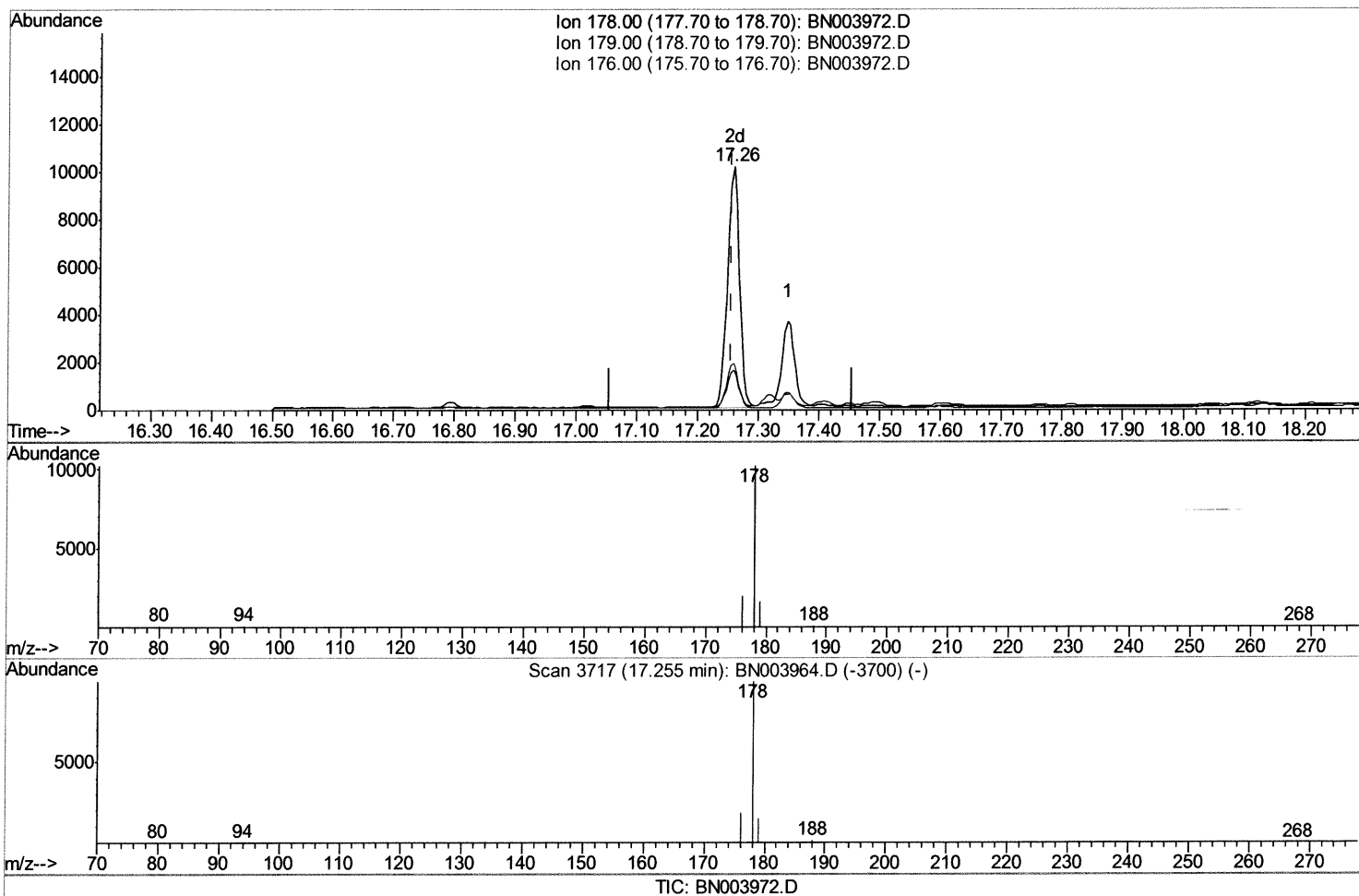
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:06:52 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



(12) Phenanthrene

17.259min (+0.004) 0.30ng/ul m

SJ 12/17/18

response 13899

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	16.21
176.00	18.70	19.28
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

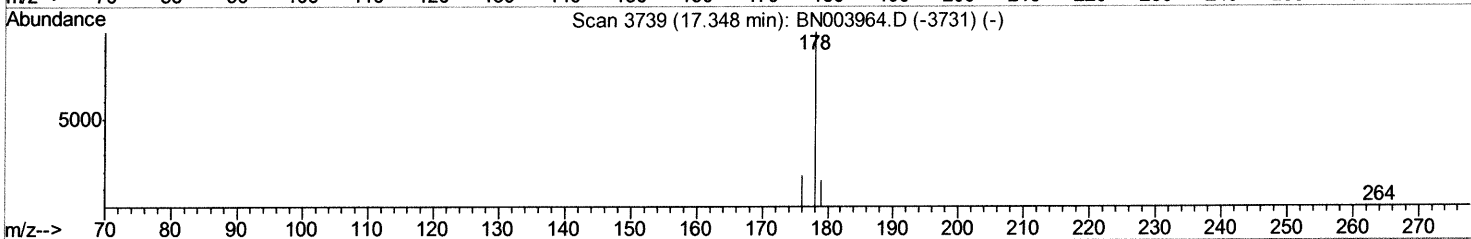
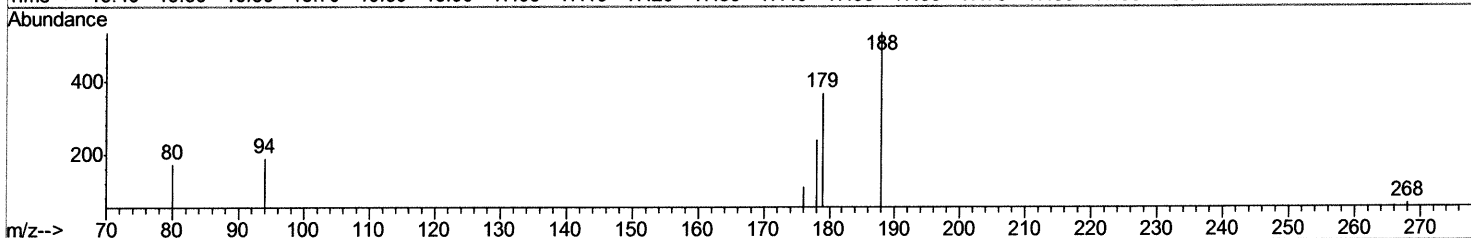
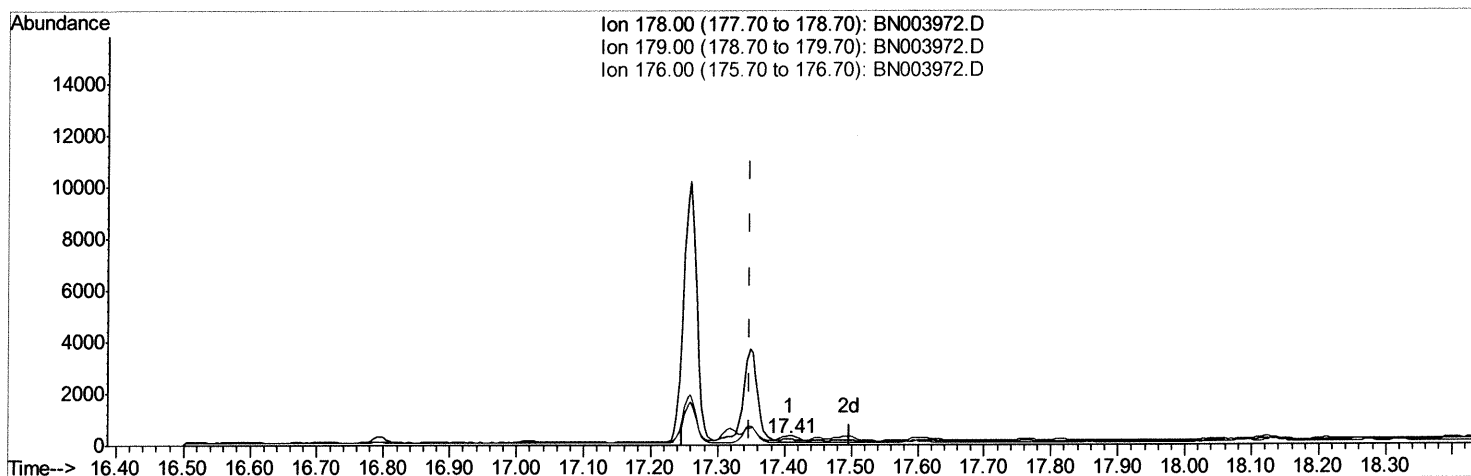
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:06:52 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



TIC: BN003972.D

(13) Anthracene

17.407min (+0.059) 0.00ng/ul

response 103

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	153.33#
176.00	18.50	45.83#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

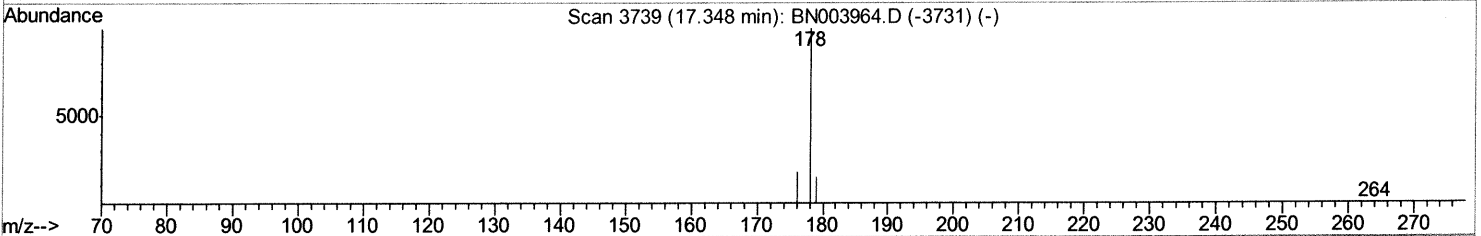
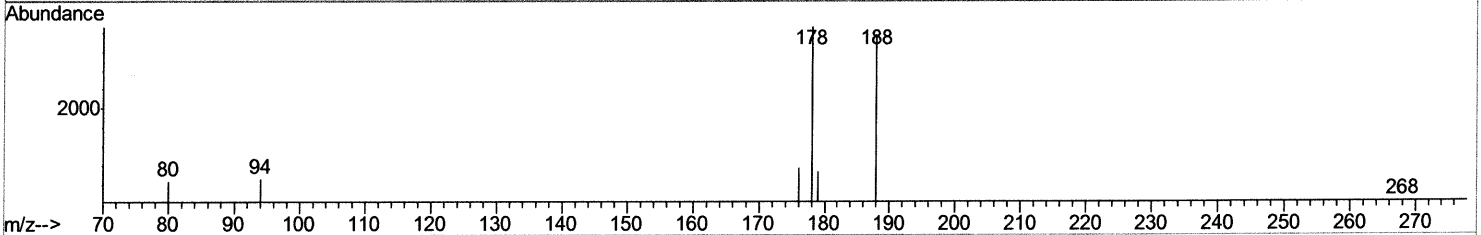
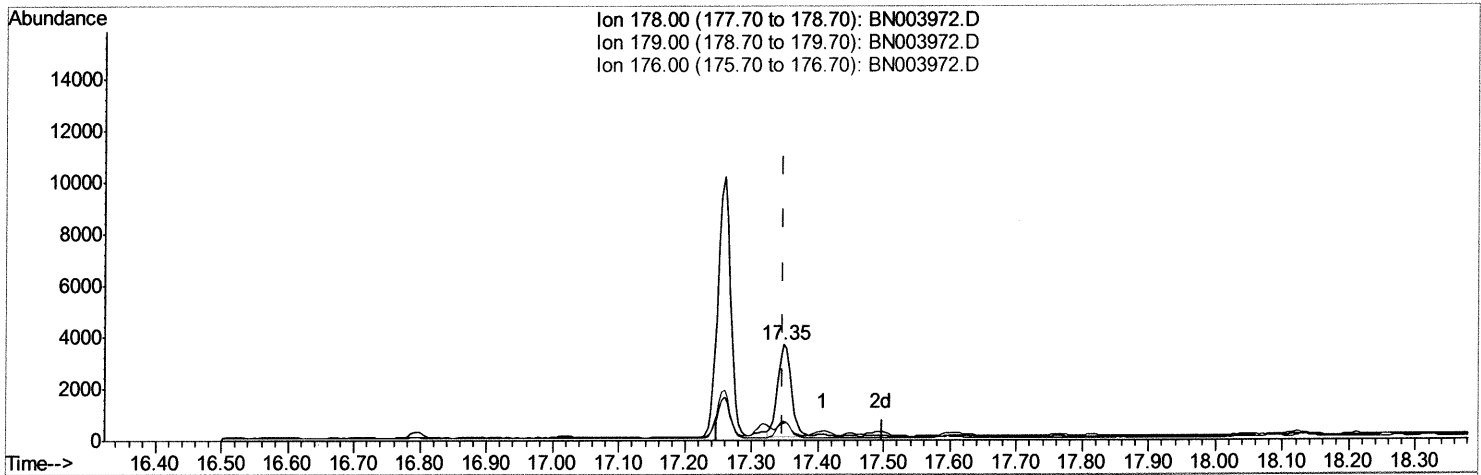
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:06:52 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



TIC: BN003972.D

(13) Anthracene

17.348min (+0.000) 0.13ng/ul m

SJ 12/17/18

response 5076

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	18.06
176.00	18.50	20.29
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

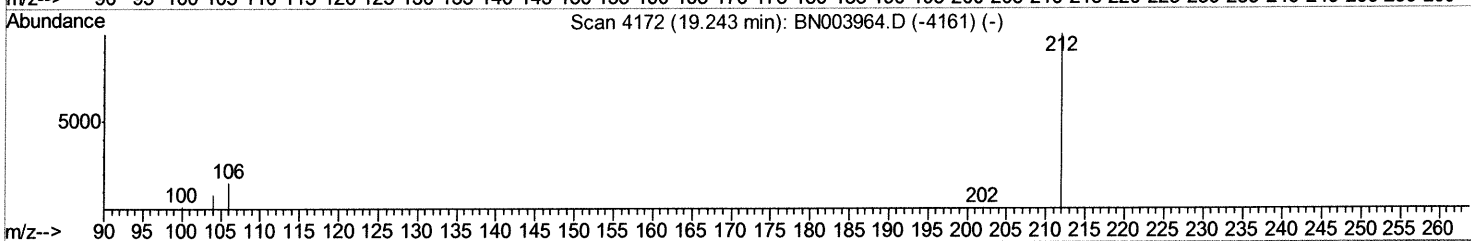
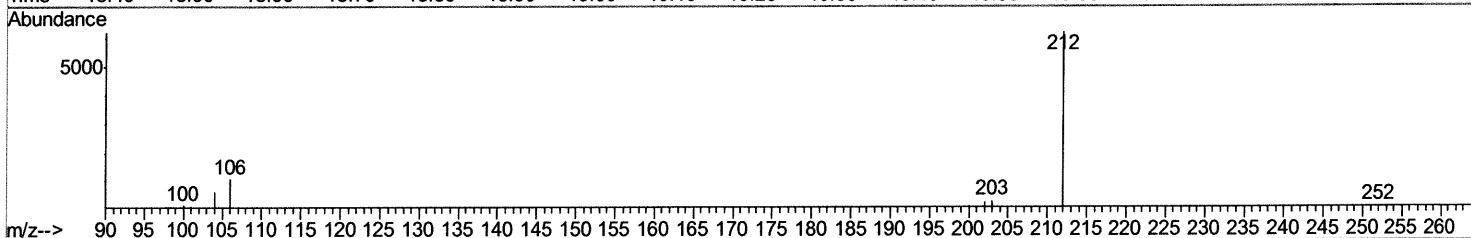
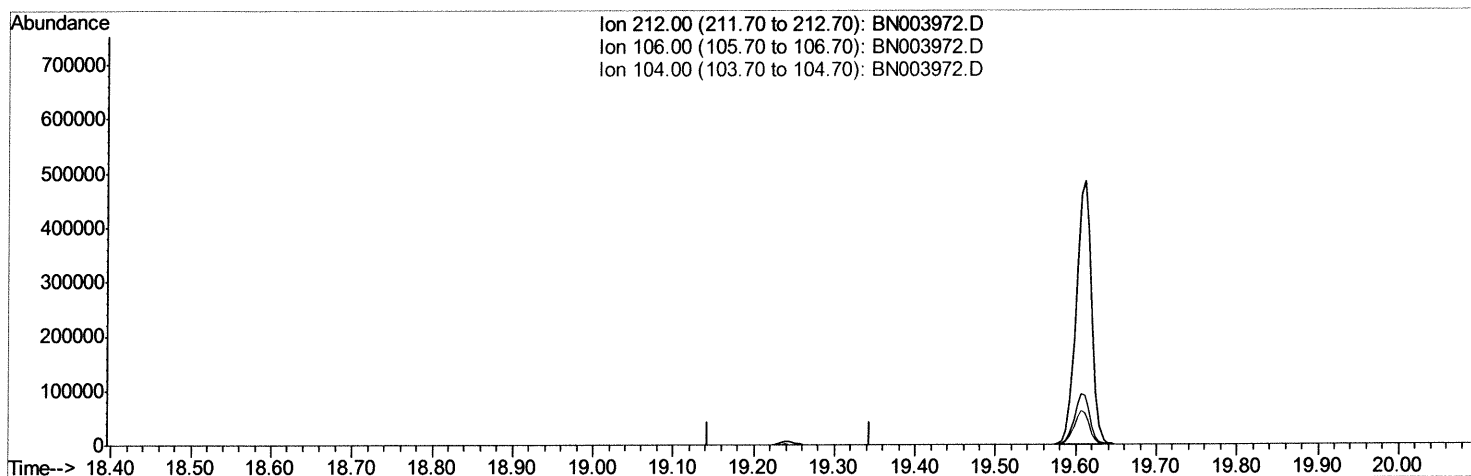
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:06:52 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



TIC: BN003972.D

(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\BN121518\
Quantitation Report (Qedit)

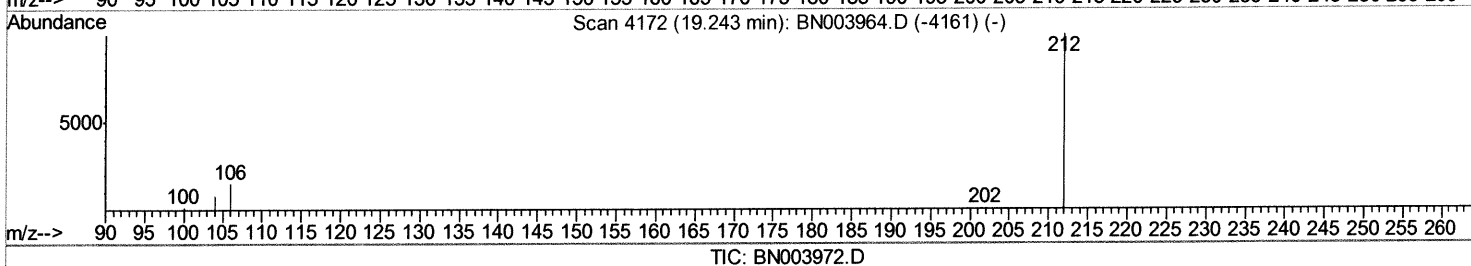
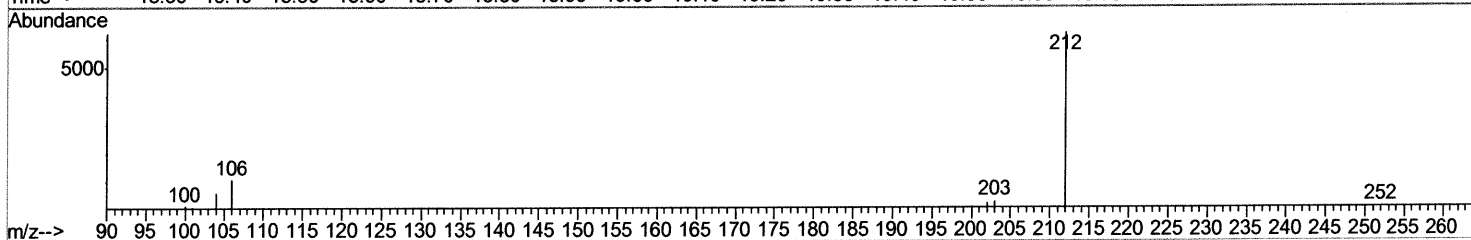
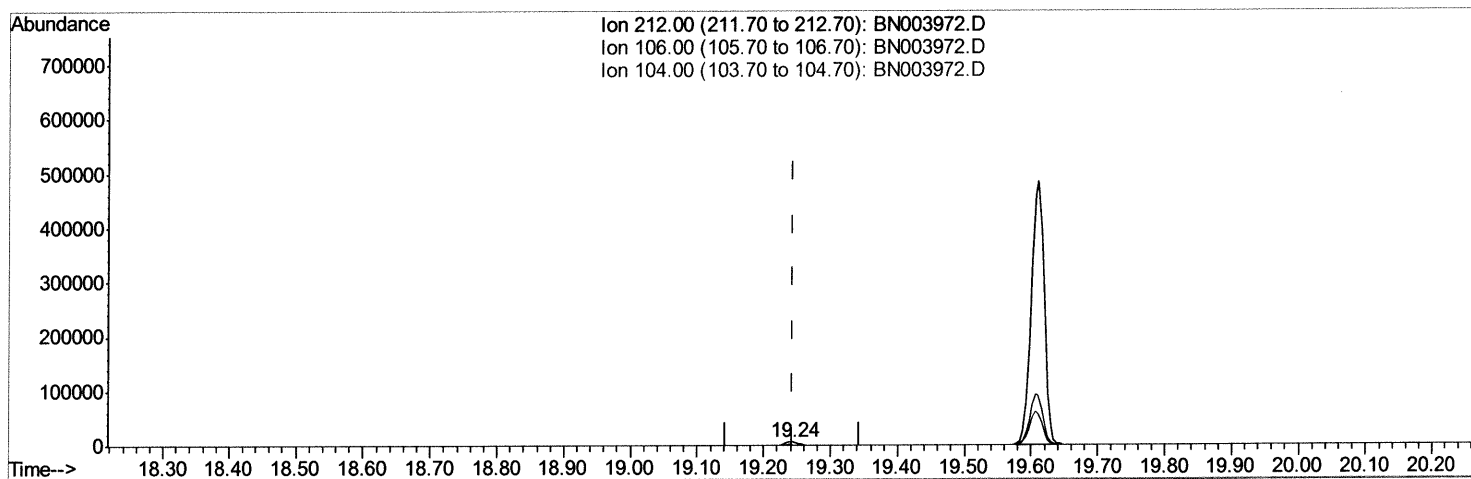
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:06:52 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.244min (+0.000) 0.21ng/ul m

60 12/17/18

response 8534

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\BN121518\
Quantitation Report (Qedit)

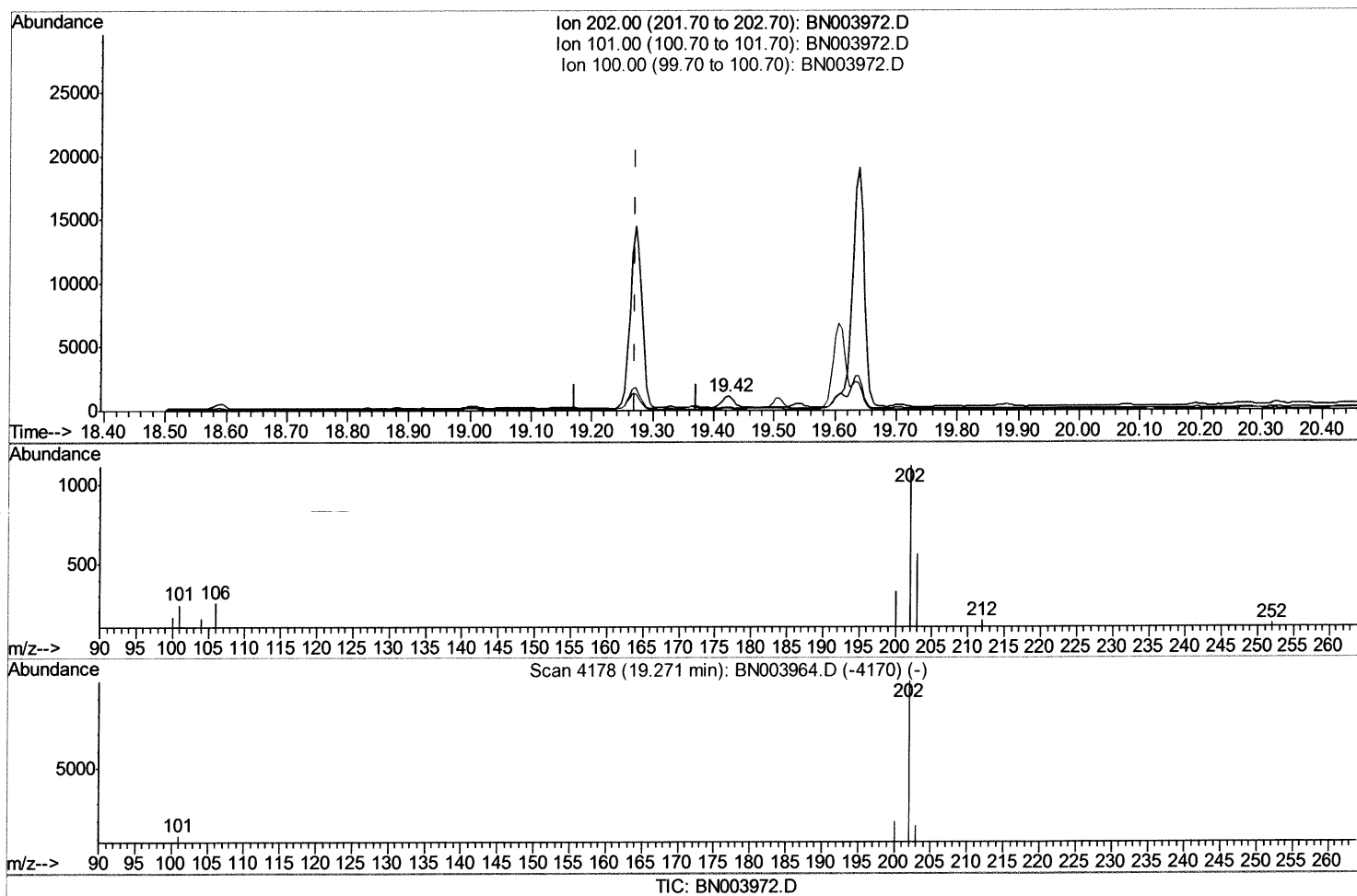
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:06:52 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.425min (+0.154) 0.02ng/ul

response 1285

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	21.91
100.00	8.10	14.94
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

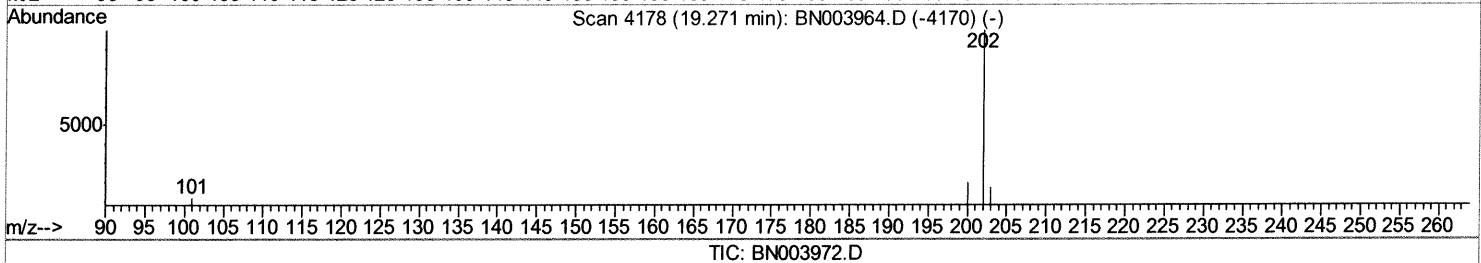
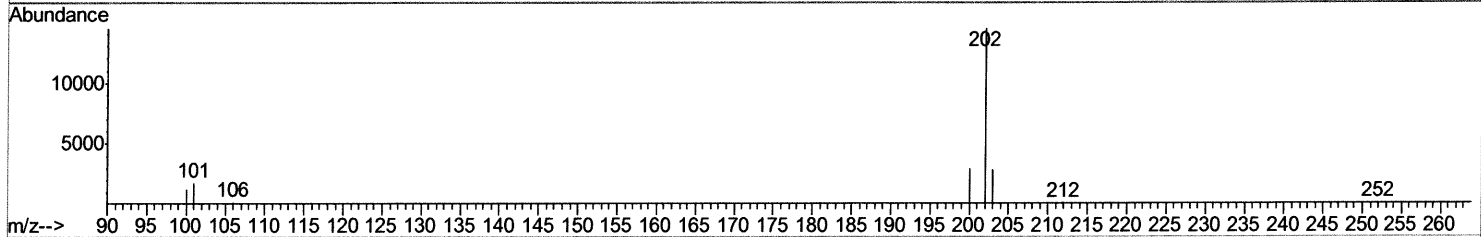
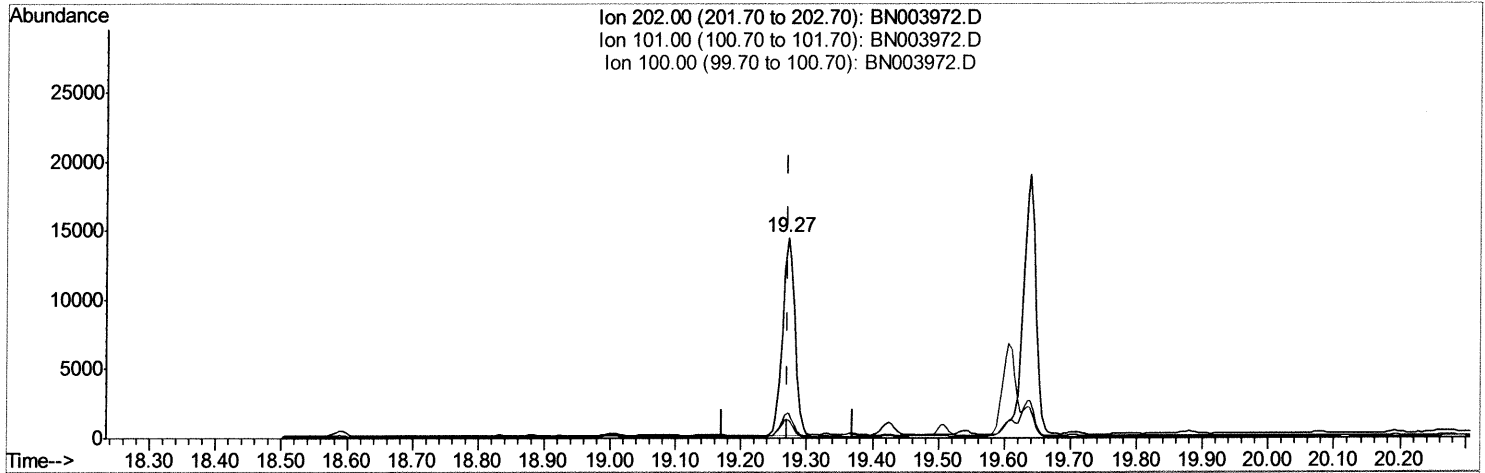
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:06:52 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.271min (+0.000) 0.35ng/ul m

SJ 12/17/18

response 19062

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	12.35
100.00	8.10	9.13
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

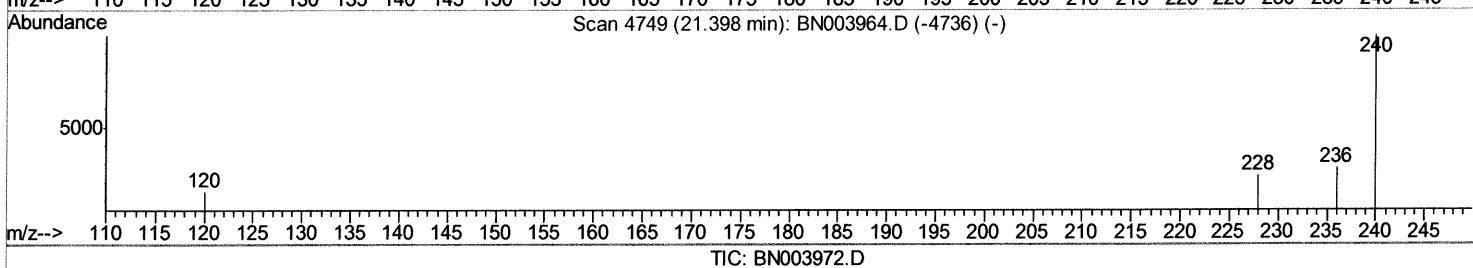
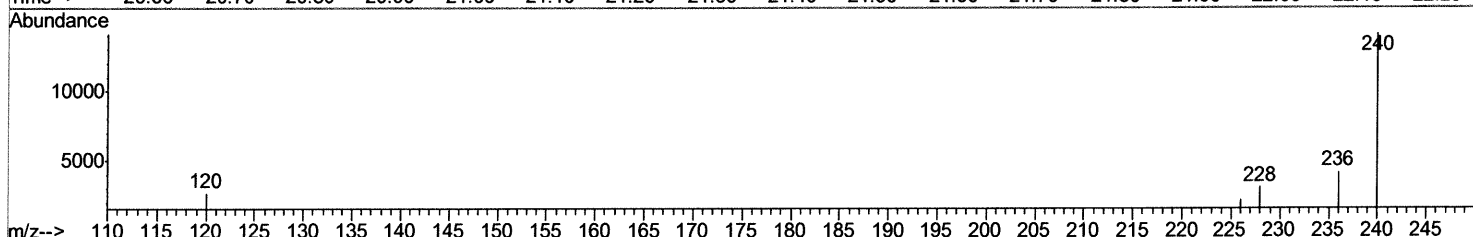
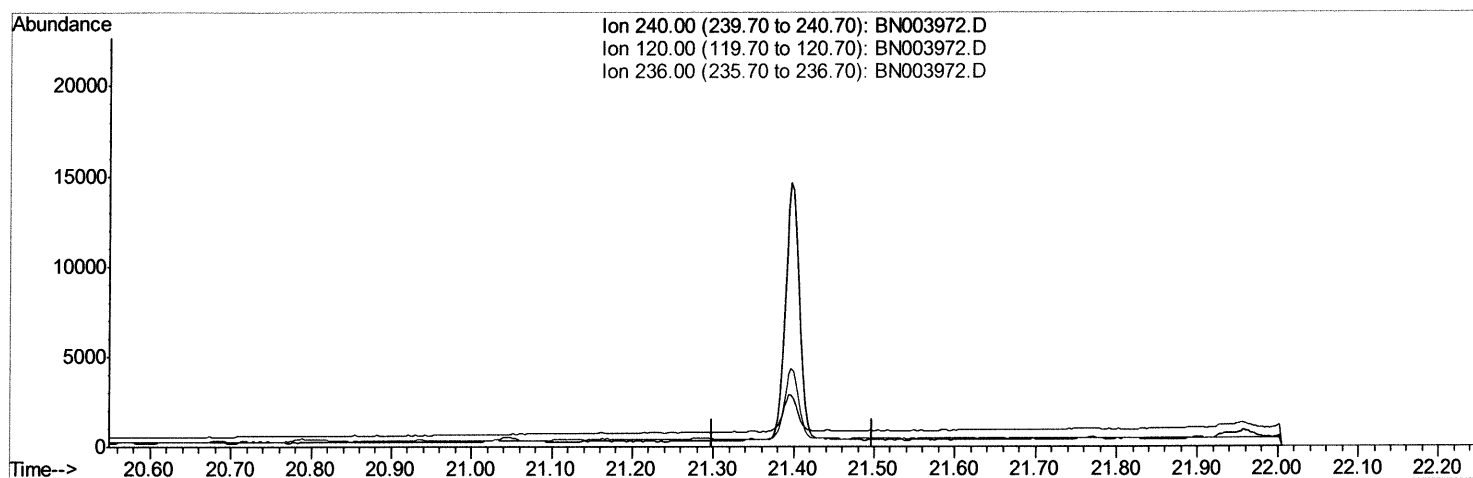
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:06:52 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 : Sat Dec 15 23:04:58 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\BN121518\
Quantitation Report (Qedit)

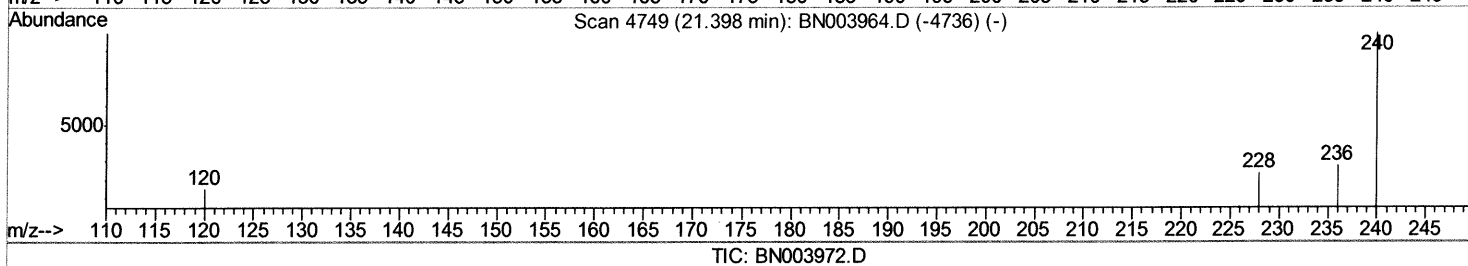
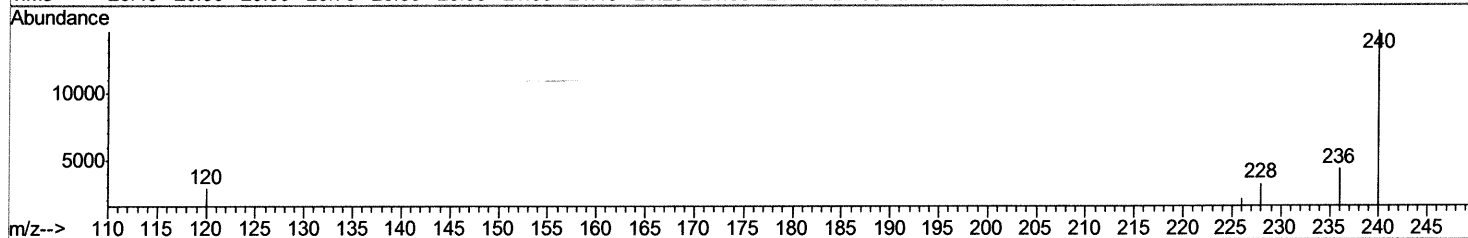
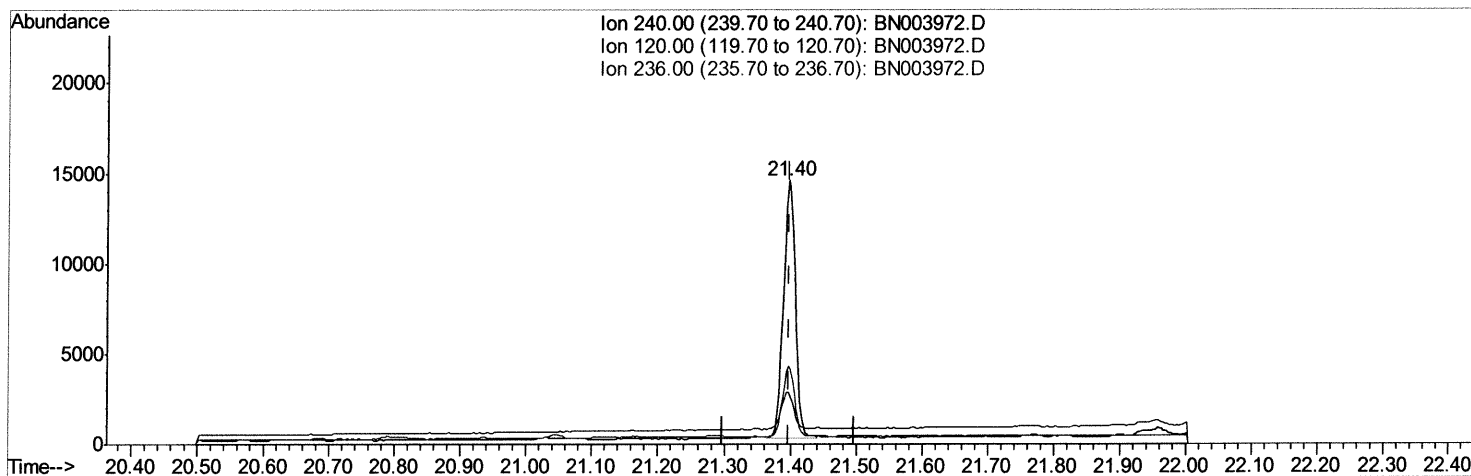
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:06:52 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.397min (-0.002) 0.40ng/ul m

SJ 12/17/18

response 17946

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	19.76#
236.00	27.60	29.69
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

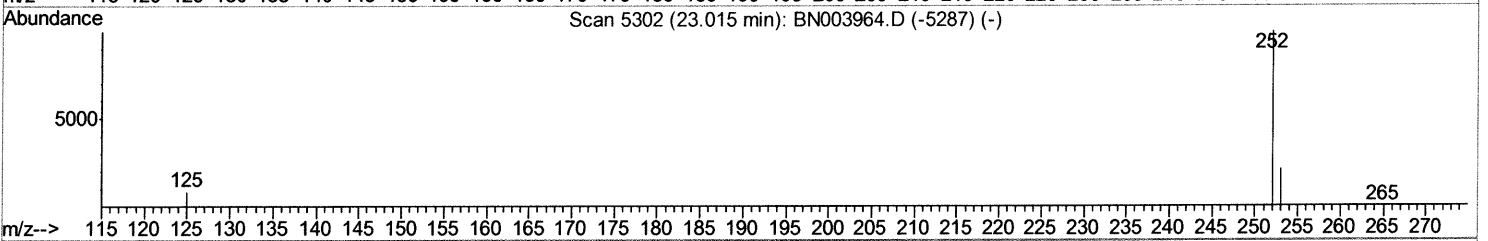
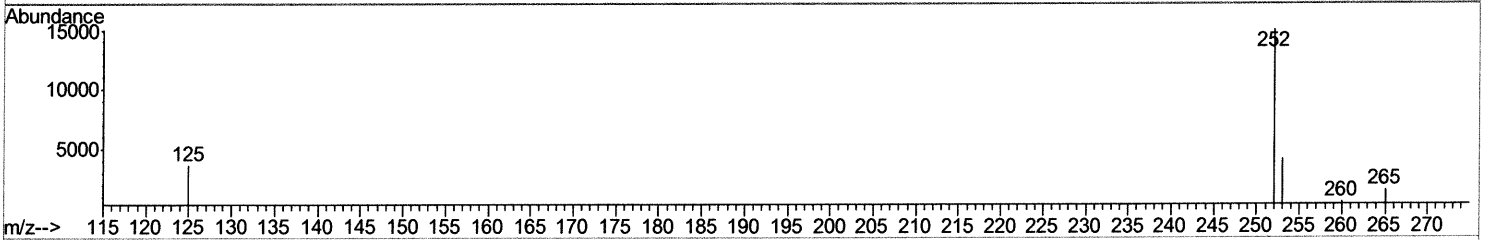
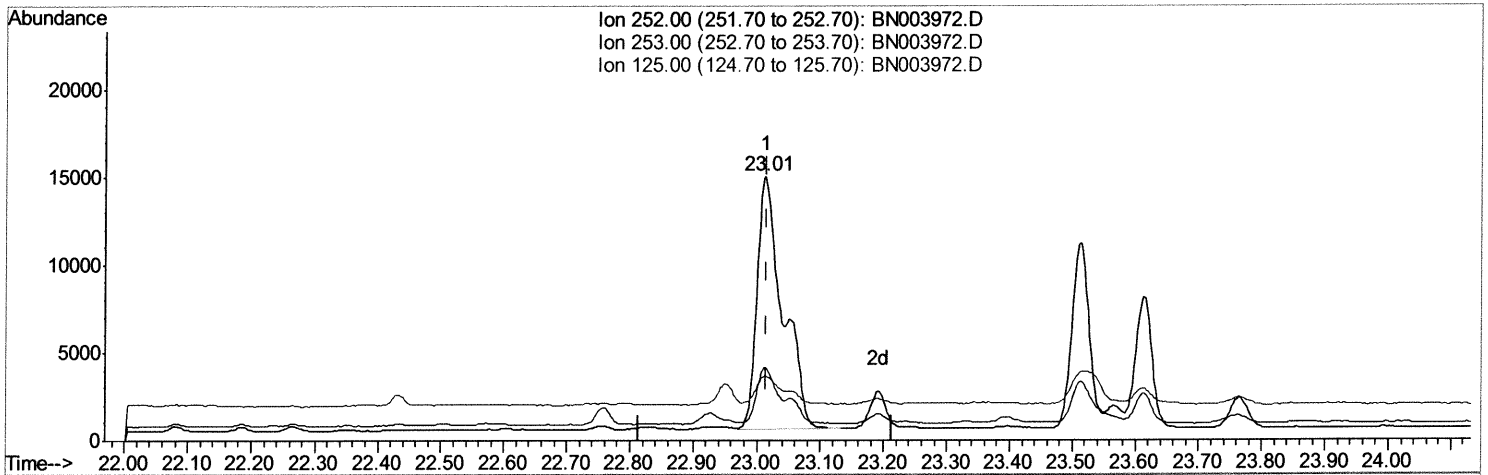
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:08:07 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



TIC: BN003972.D

(21) Benzo(b)fluoranthene
23.013min (-0.002) 0.55ng/ul
response 40418

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	27.75
125.00	11.20	24.43#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

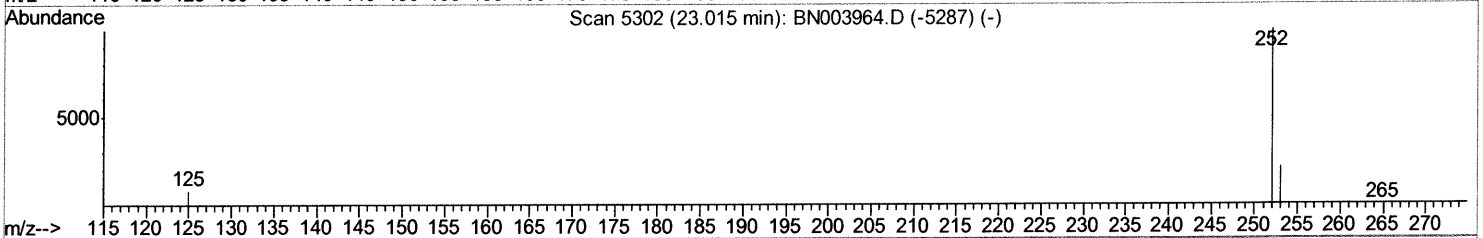
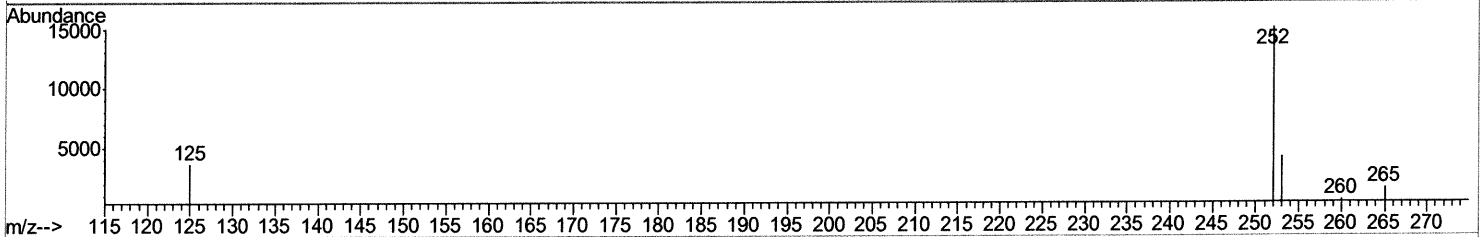
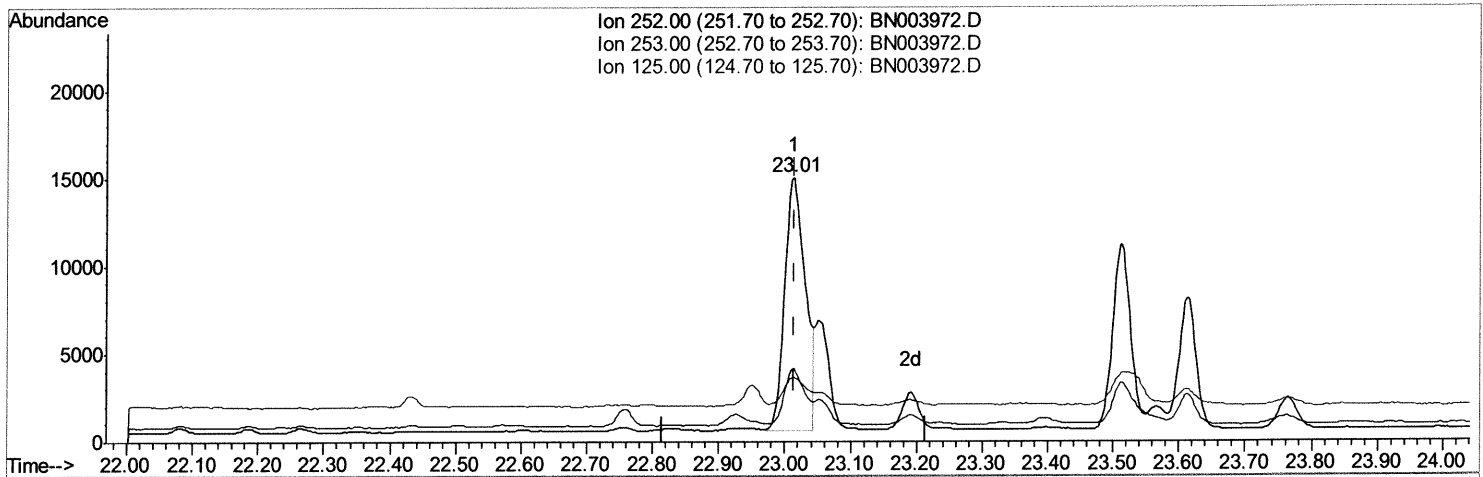
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:08:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BN003972.D

(21) Benzo(b)fluoranthene

23.013min (-0.002) 0.42ng/ul m

SO 12/17/18

response 30882

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	27.75
125.00	11.20	24.43#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

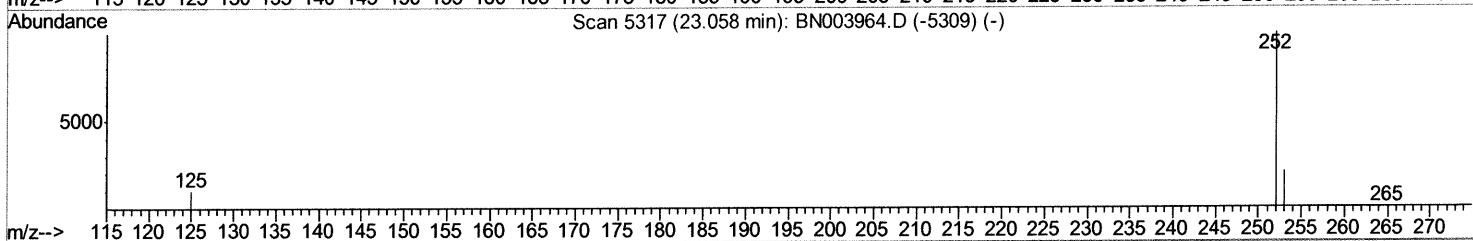
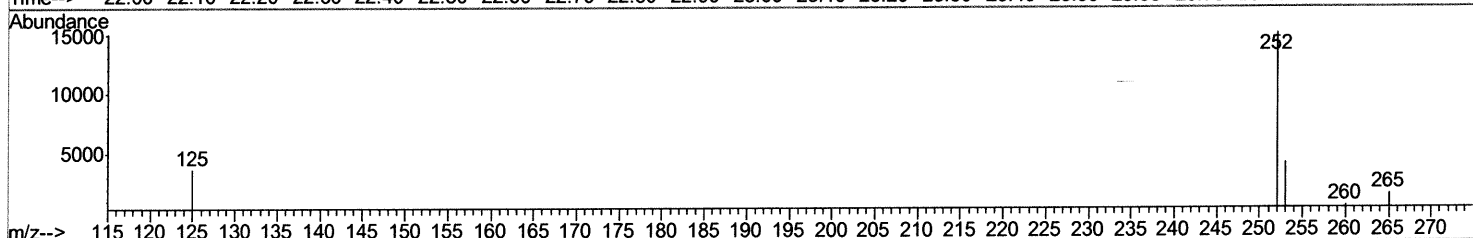
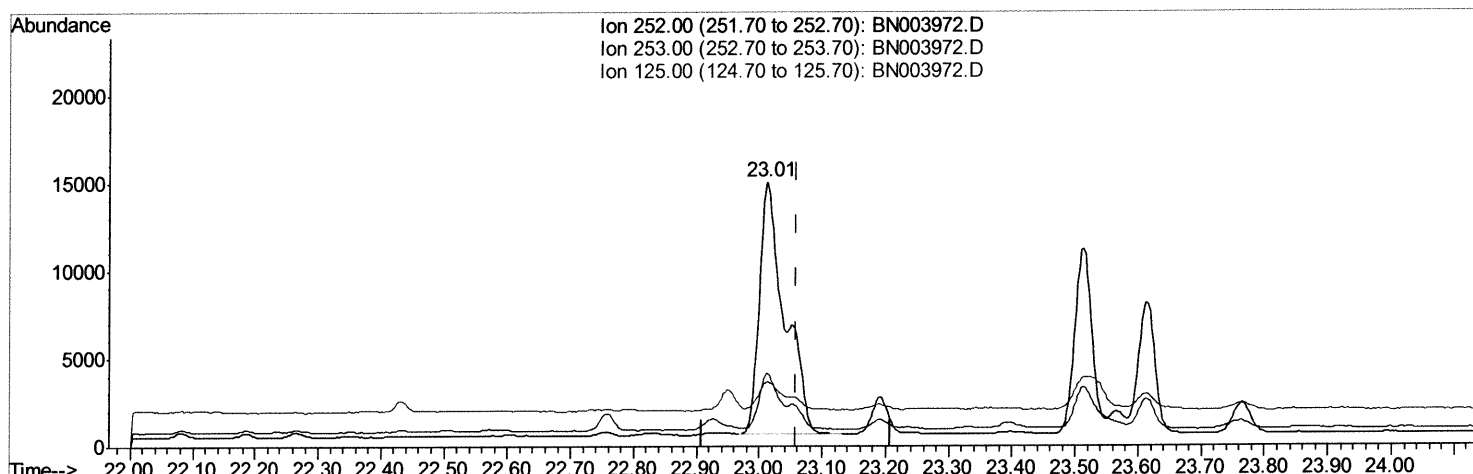
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:08:07 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



TIC: BN003972.D

(22) Benzo(k)fluoranthene
23.013min (-0.045) 0.56ng/ul
response 40276

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	27.75#
125.00	11.30	24.43#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (Qedit)

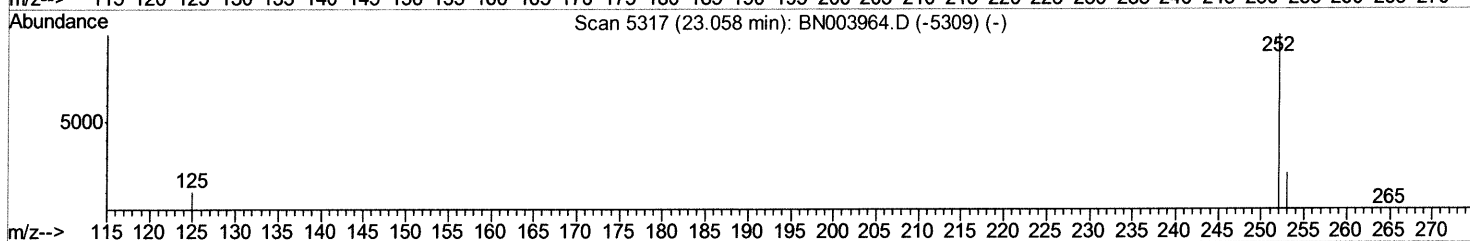
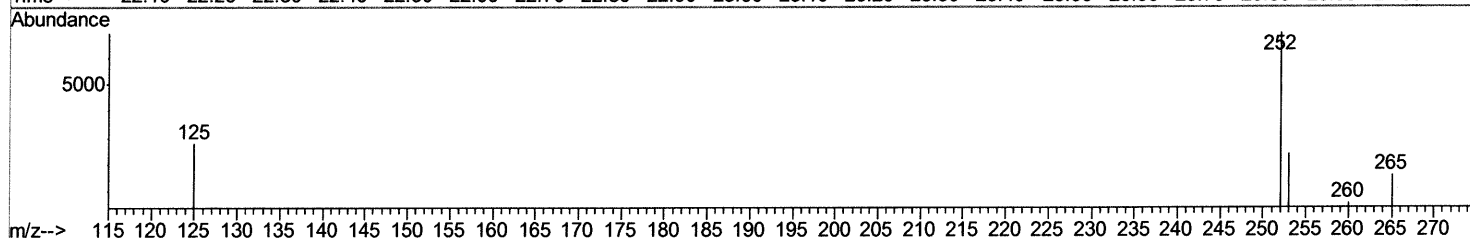
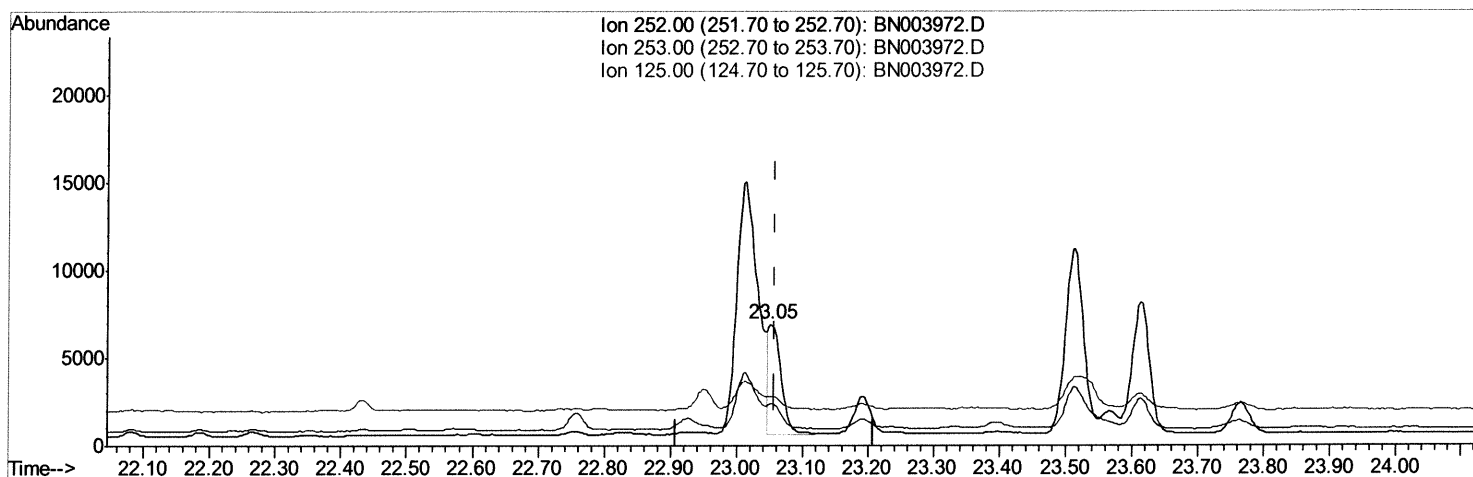
Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:08:07 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



TIC: BN003972.D

(22) Benzo(k)fluoranthene

23.051min (-0.007) 0.12ng/ul m

response 8892

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	34.54#
125.00	11.30	40.47#
0.00	0.00	0.00

SJ 12/17/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\
Quantitation Report (QT Reviewed)

Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Manual Integrations
APPROVED

Sohil
12/17/2018 4:24:01 PM

Quant Time: Dec 16 02:08:49 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1865	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9288	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5532	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14050m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	17946m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	17923	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2650	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8534m	0.21	ng/ul	0.00

Target Compounds					Qvalue
3) Naphthalene	10.68	128	1395	0.053 ng/ul#	81
5) 2-Methylnaphthalene	12.29	142	2020	0.111 ng/ul	98
7) Acenaphthylene	14.19	152	2779	0.112 ng/ul#	91
12) Phenanthrene	17.26	178	13899m	0.301 ng/ul	
13) Anthracene	17.35	178	5076m	0.134 ng/ul	
15) Fluoranthene	19.27	202	19062m	0.350 ng/ul	
17) Pyrene	19.64	202	25367	0.394 ng/ul	98
18) Benzo(a)anthracene	21.38	228	15155	0.267 ng/ul#	88
19) Chrysene	21.43	228	23482	0.362 ng/ul#	91
21) Benzo(b)fluoranthene	23.01	252	30882m	0.417 ng/ul	
22) Benzo(k)fluoranthene	23.05	252	8892m	0.123 ng/ul	
23) Benzo(a)pyrene	23.61	252	13817	0.215 ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	26.07	276	16279	0.221 ng/ul#	94
25) Dibenzo(a,h)anthracene	26.07	278	4529	0.076 ng/ul#	24
26) Benzo(g,h,i)perylene	26.80	276	20615	0.322 ng/ul#	88

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

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12/17/18