

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (QT Reviewed)

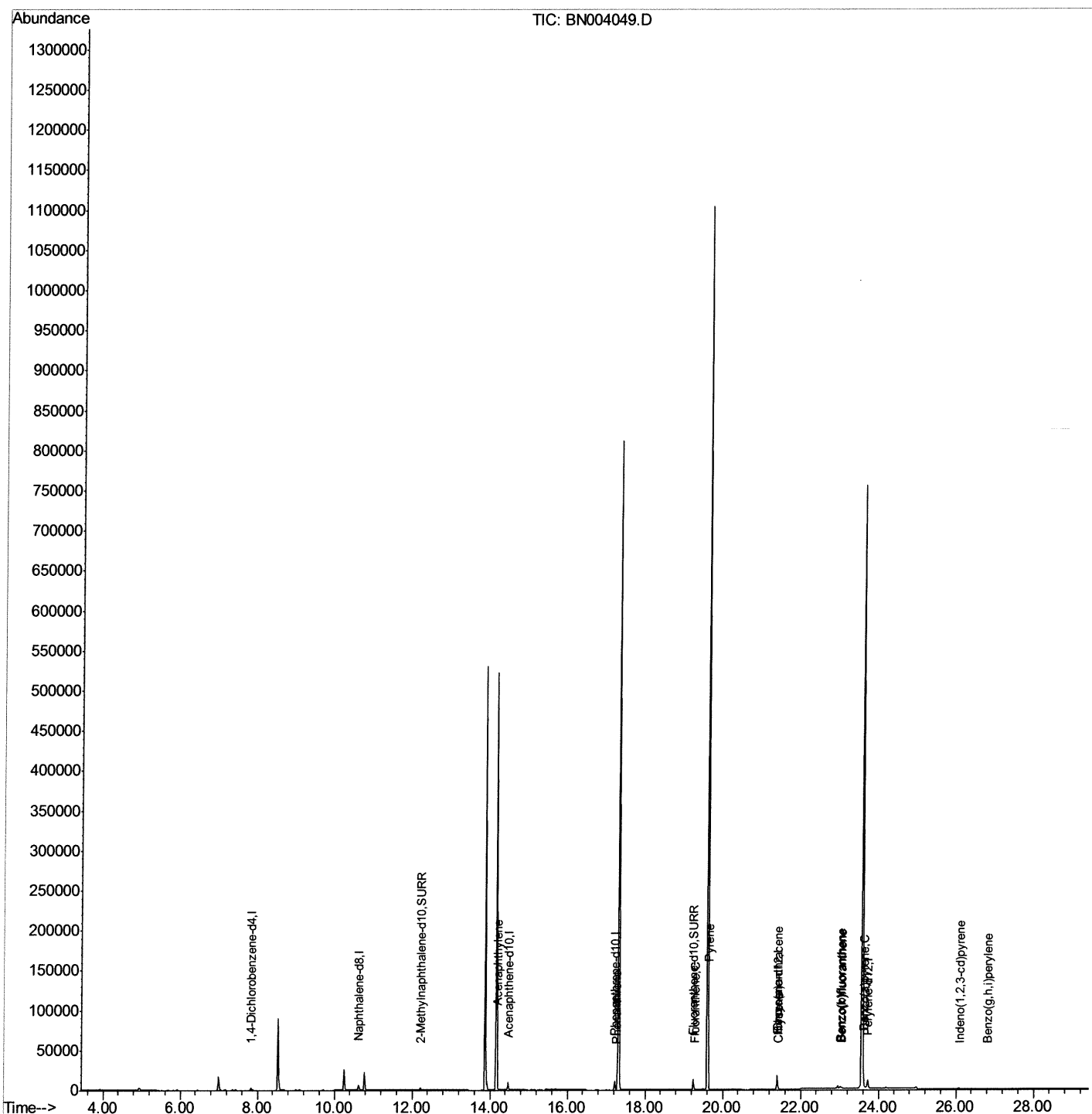
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:21:17 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

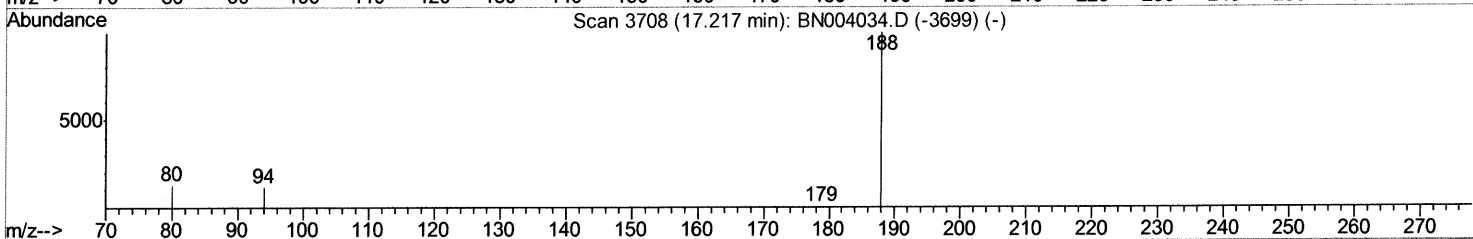
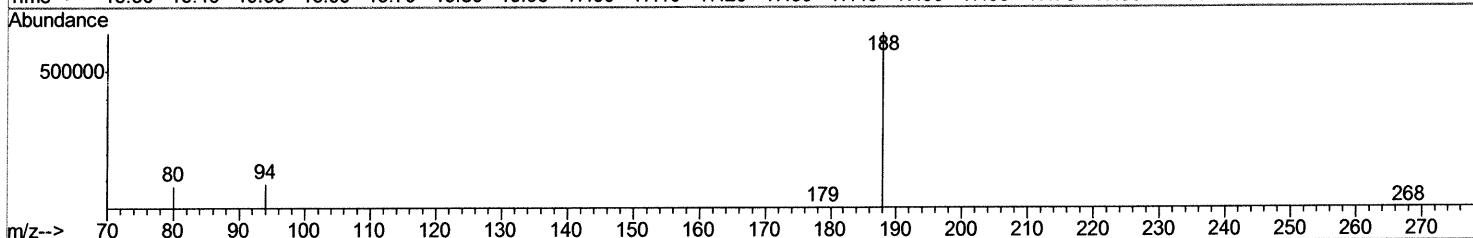
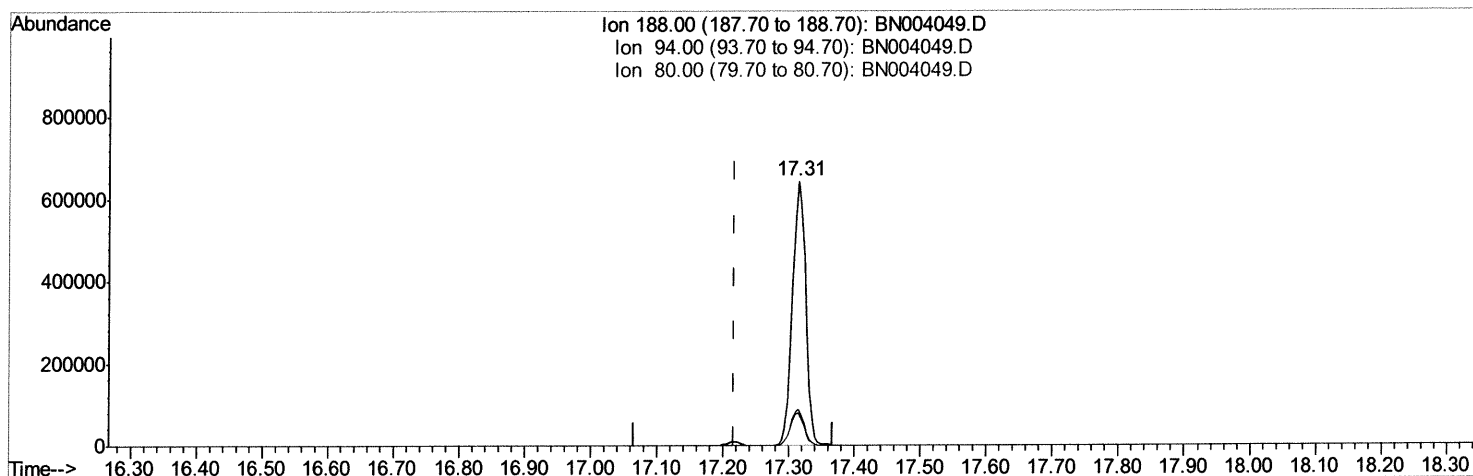
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 04:34:24 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



TIC: BN004049.D

(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 894248

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.79#
80.00	11.60	12.47
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

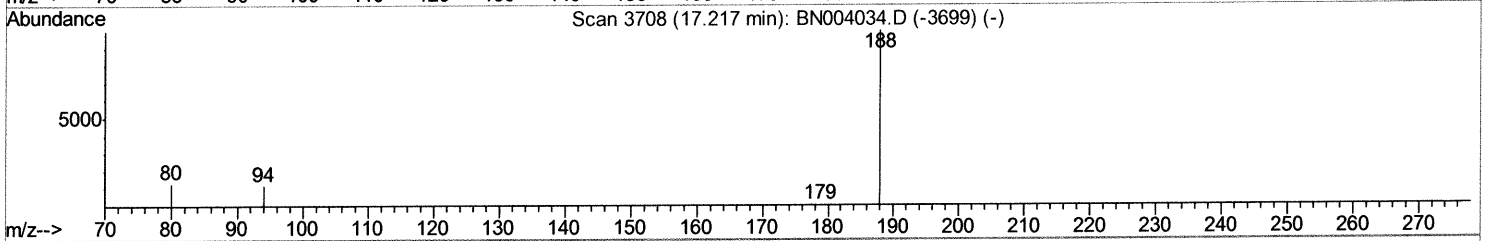
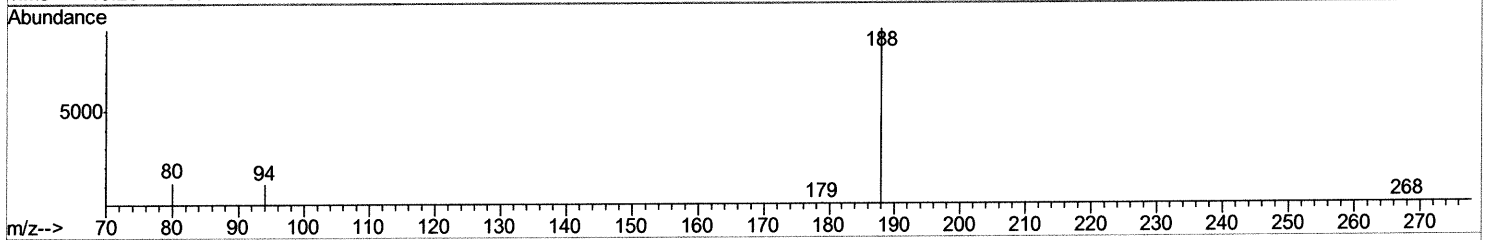
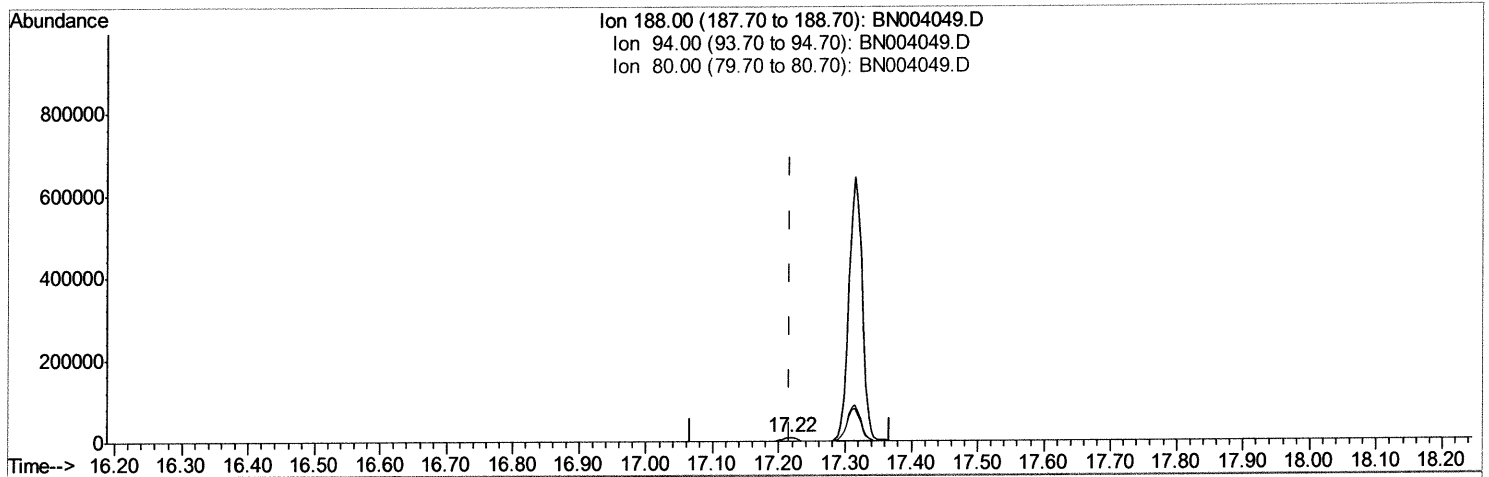
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 04:34:24 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



TIC: BN004049.D

(10) Phenanthrene-d10 (I)

17.217min (+0.000) 0.40ng/ul m

response 13211

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.97
80.00	11.60	12.93
0.00	0.00	0.00

> SJ
12/18/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

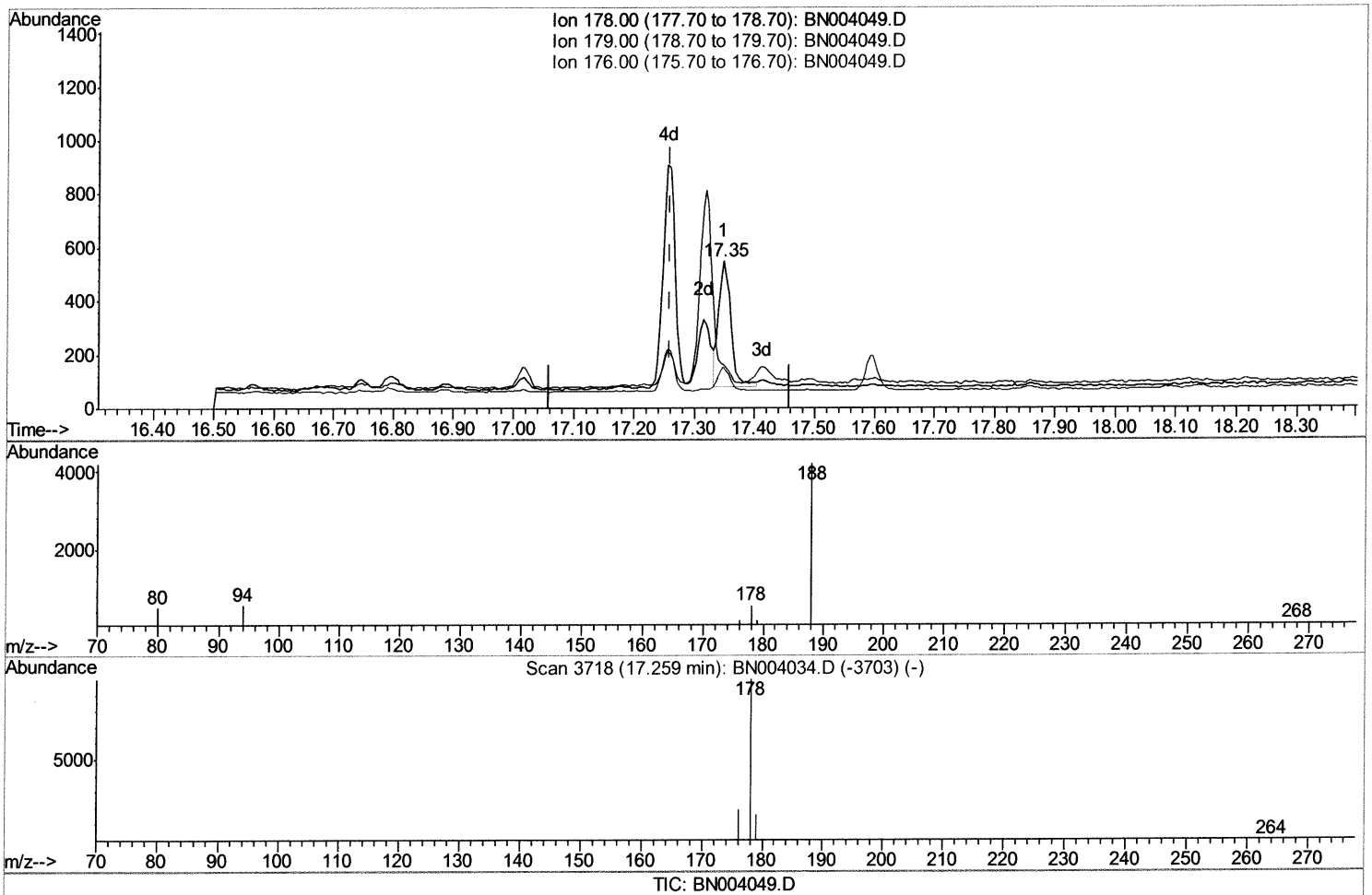
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:18:05 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



(12) Phenanthrene
17.348min (+0.089) 0.02ng/ul
response 674

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	29.56#
176.00	18.70	27.74#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

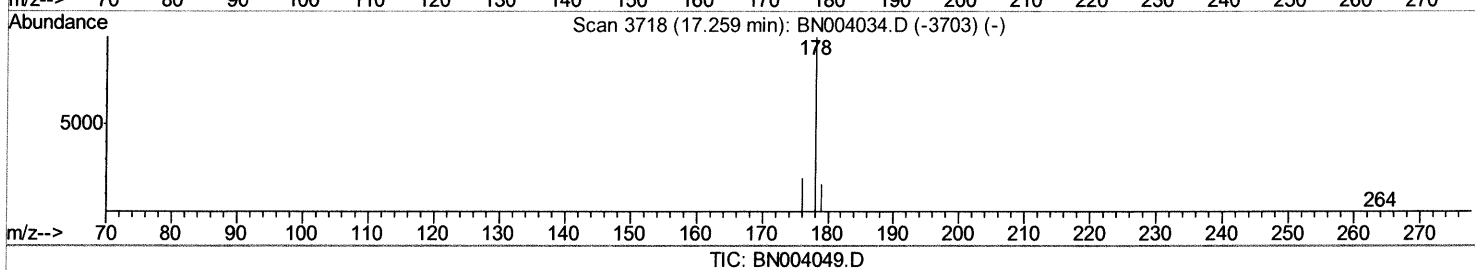
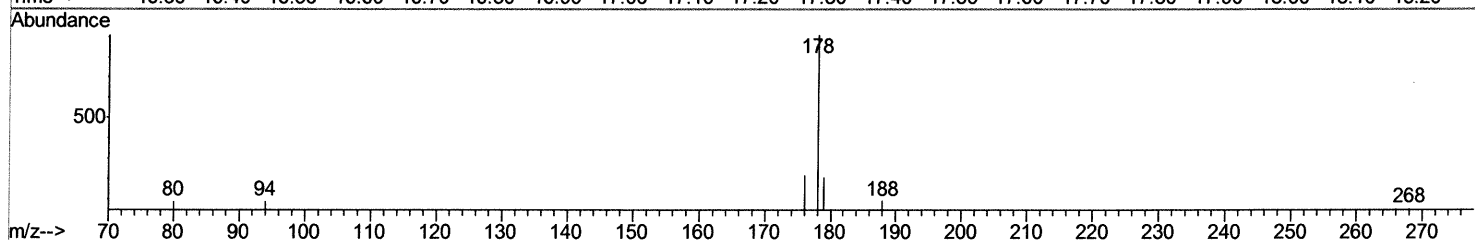
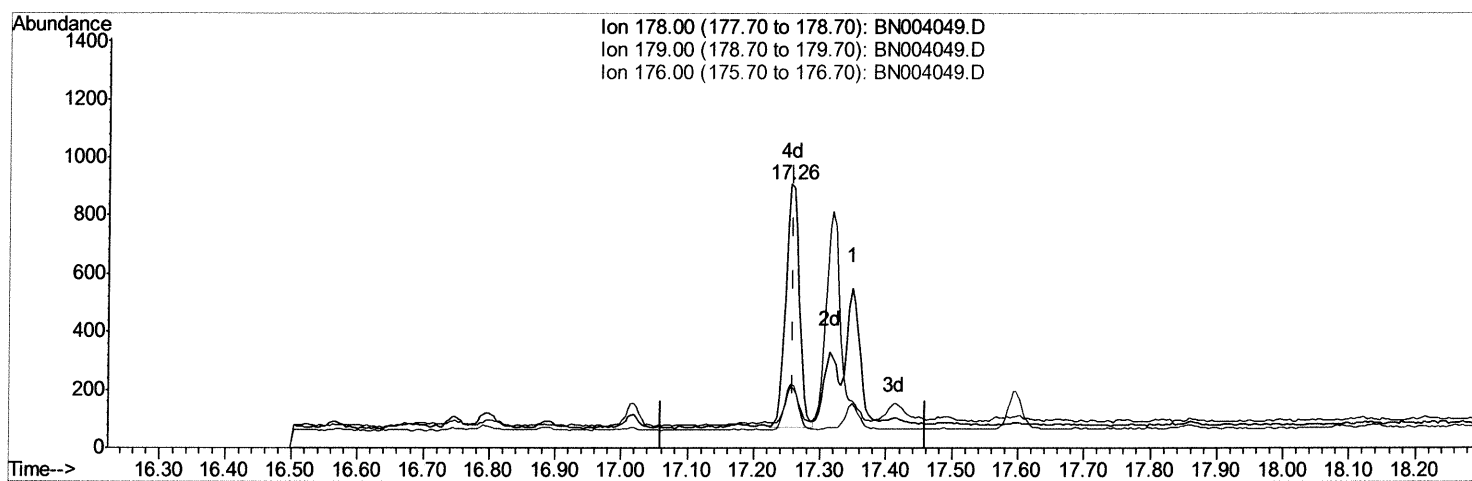
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:18:05 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



(12) Phenanthrene

17.255min (-0.004) 0.03ng/ul m

response 1201

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	23.10#
176.00	18.70	24.09#
0.00	0.00	0.00

> SJ
12/18/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

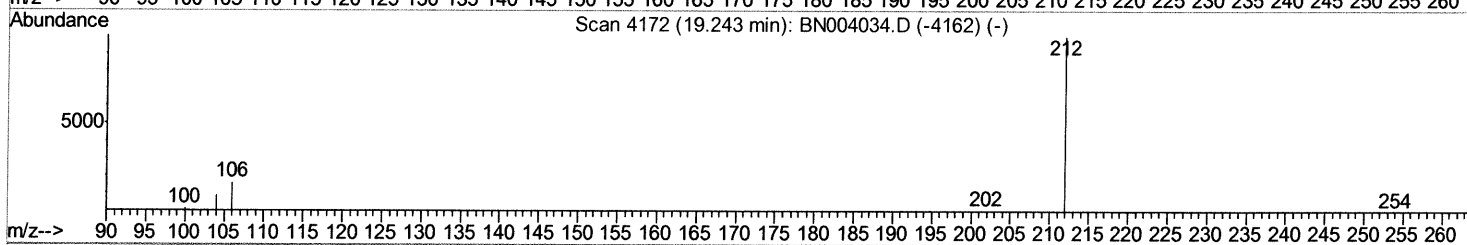
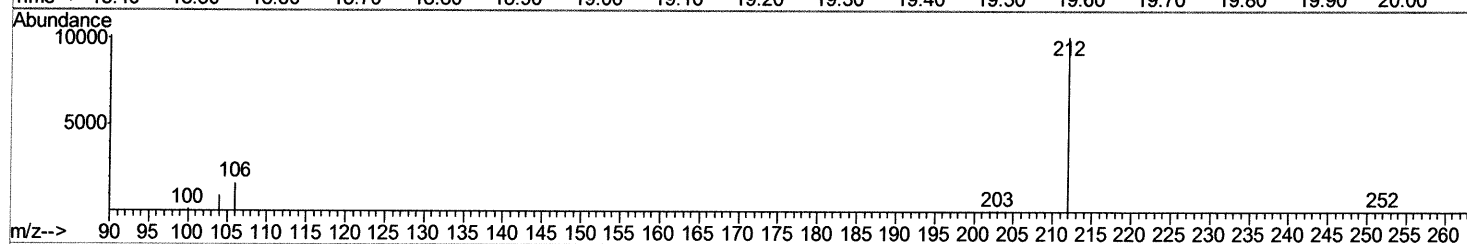
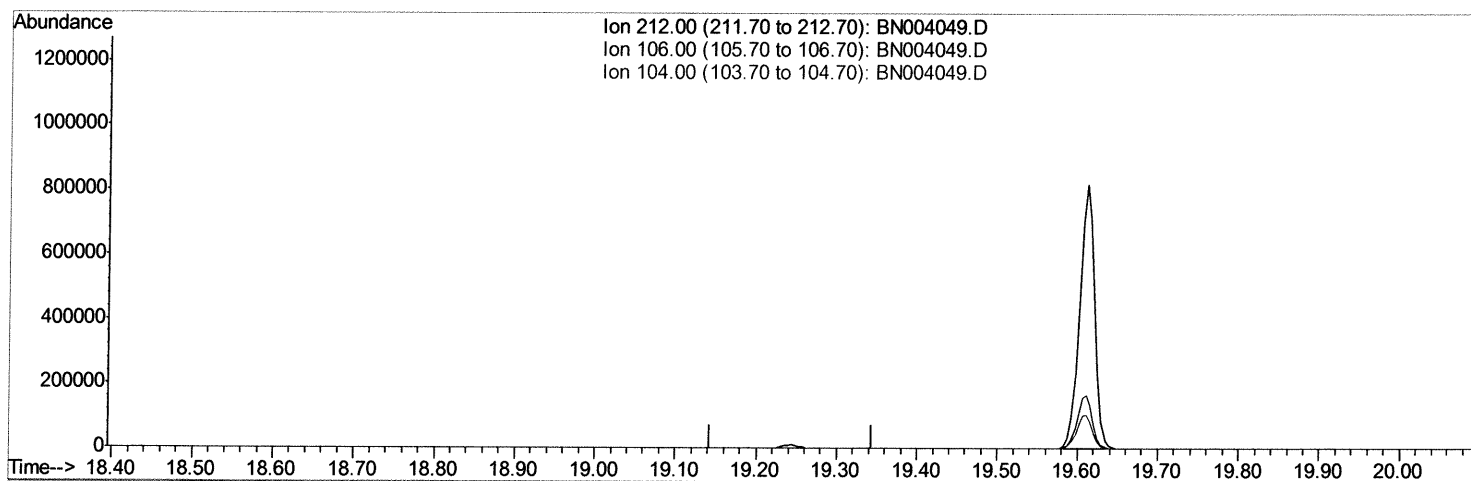
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:18:05 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



TIC: BN004049.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\BN121718\
Quantitation Report (Qedit)

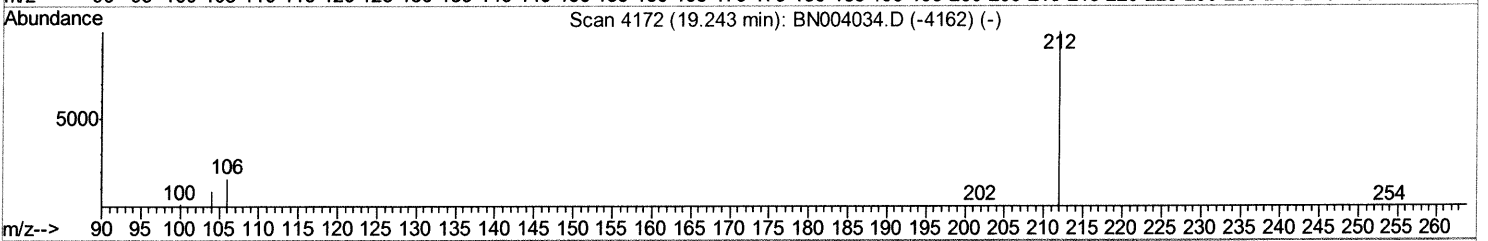
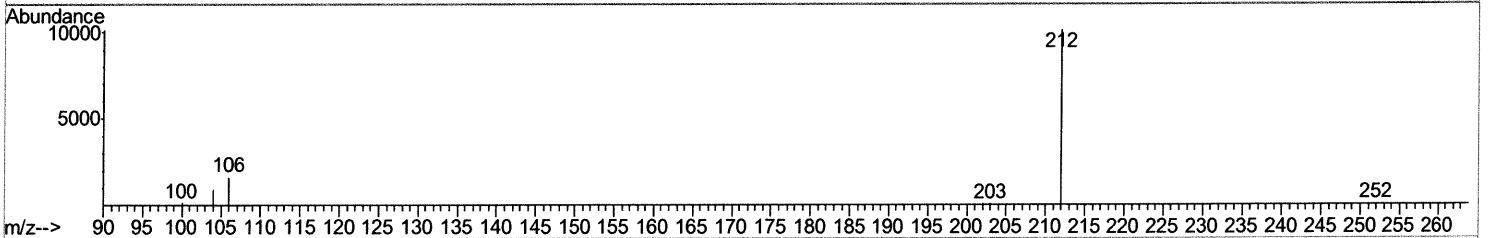
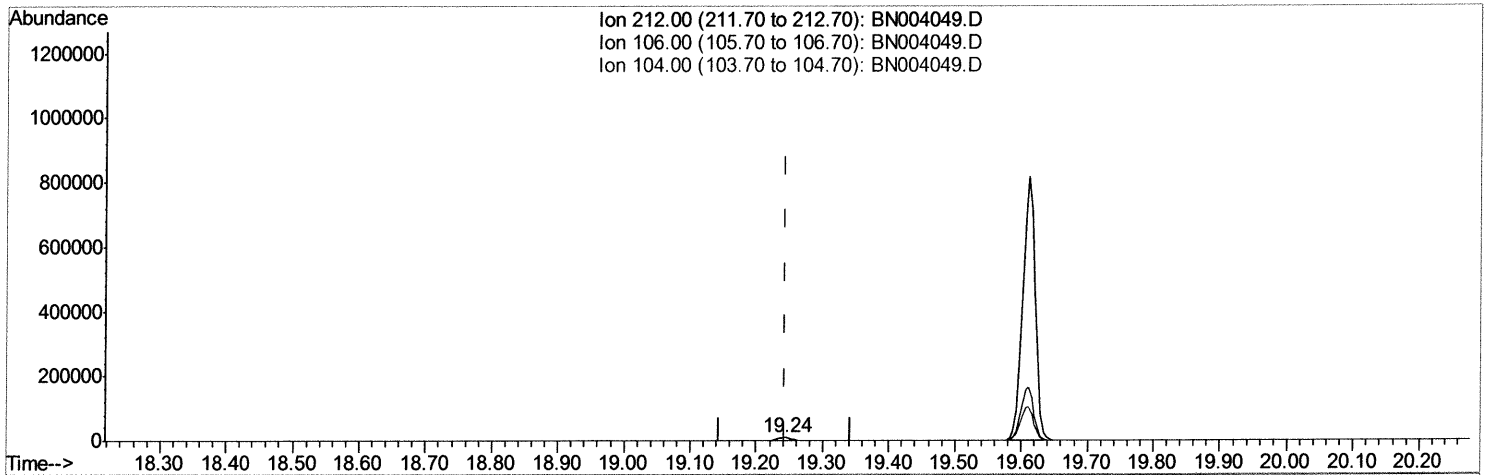
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:18:05 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: BN004049.D

(14) Fluoranthene-d10 (SURR)

19.244min (+0.000) 0.35ng/ul m

response 13465

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
12/18/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

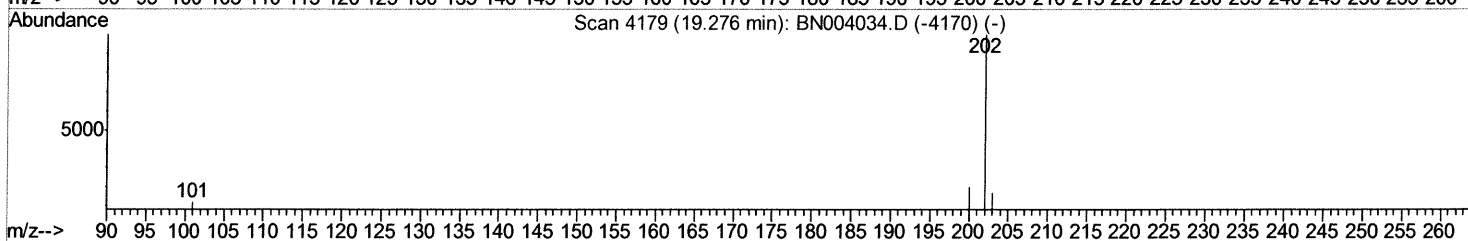
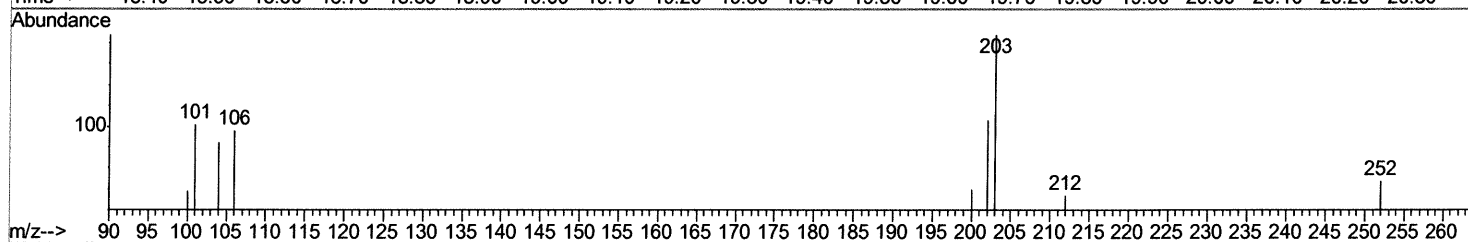
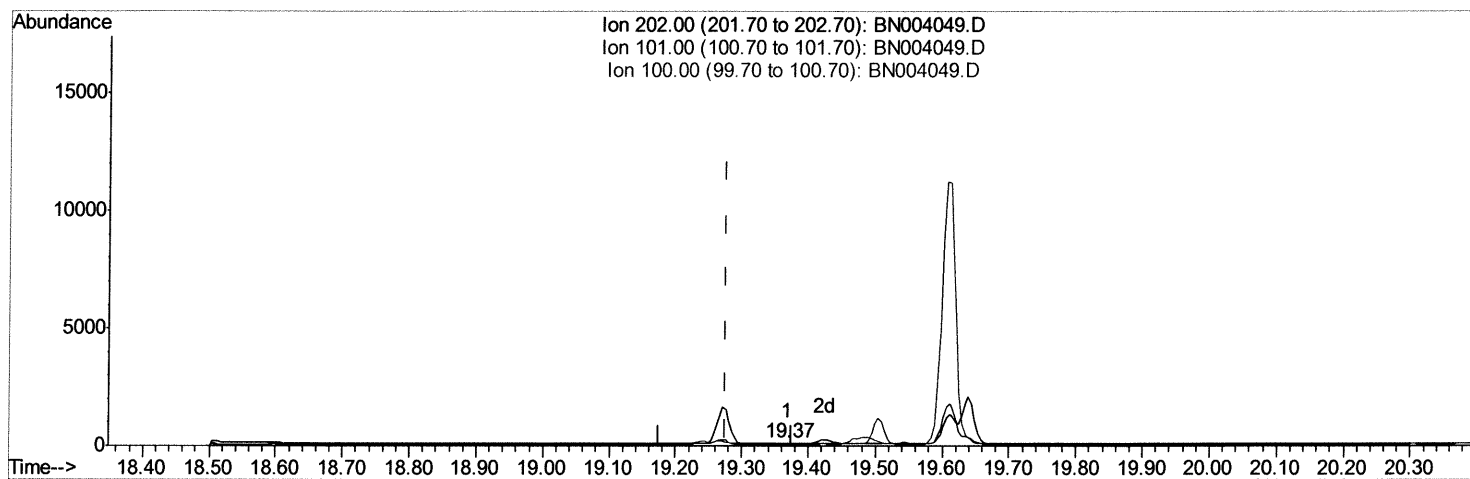
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:18:05 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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TIC: BN004049.D

(15) Fluoranthene (C)

19.369min (+0.093) 0.00ng/ul

response 19

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	98.06#
100.00	8.10	66.99#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

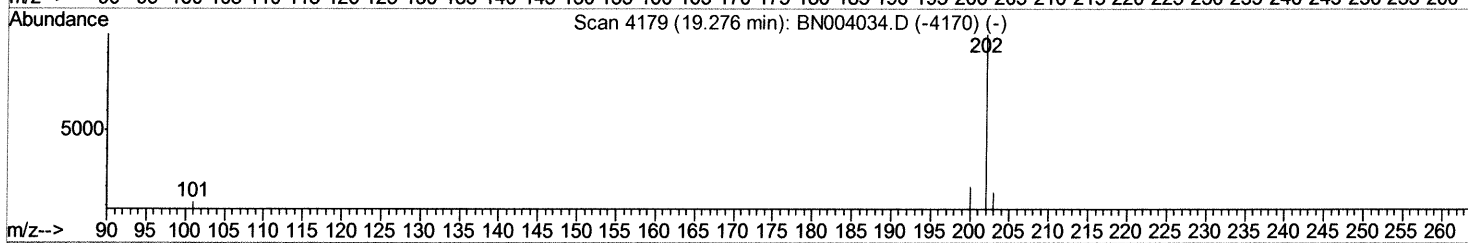
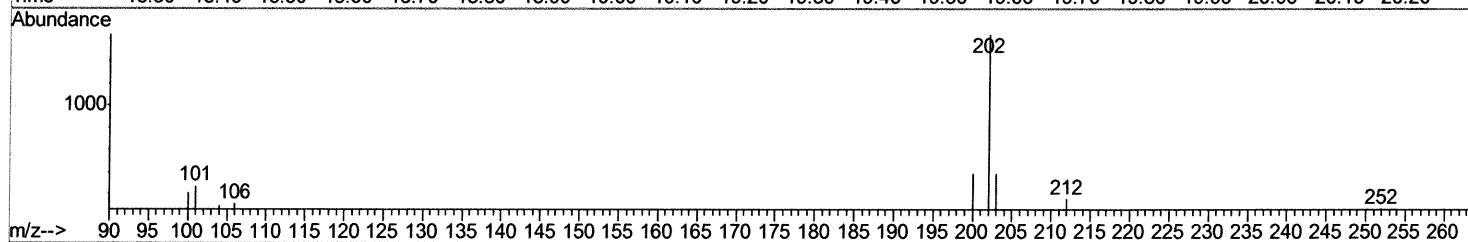
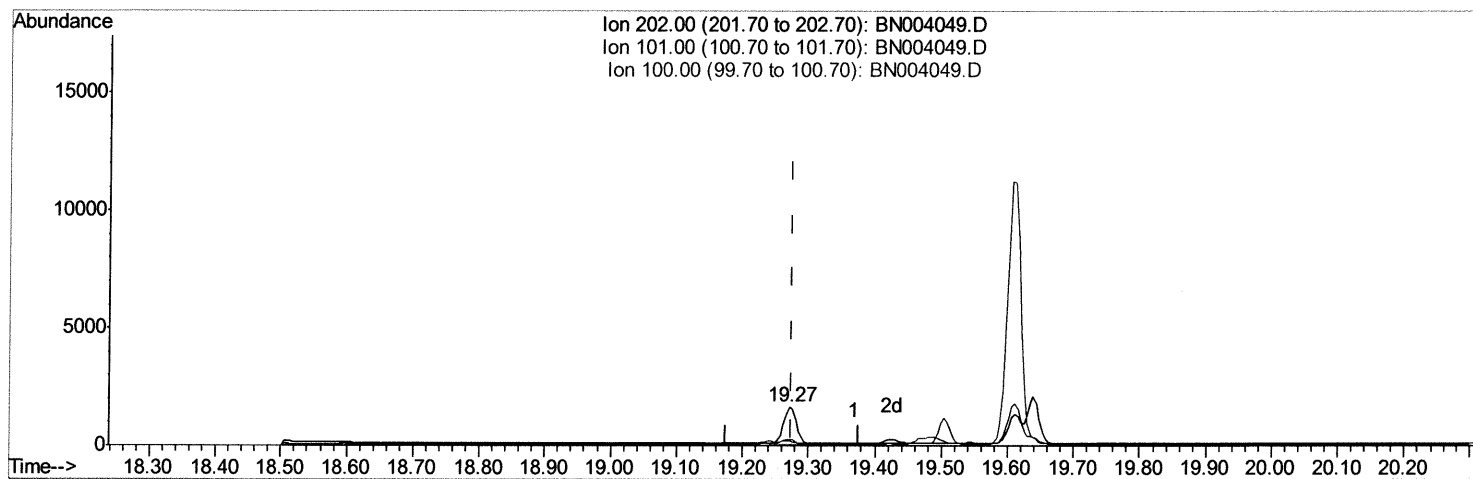
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:18:05 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



TIC: BN004049.D

(15) Fluoranthene (C)

19.272min (-0.005) 0.04ng/ul m

response 2128

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	16.32
100.00	8.10	12.73
0.00	0.00	0.00

> SJ
12/18/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

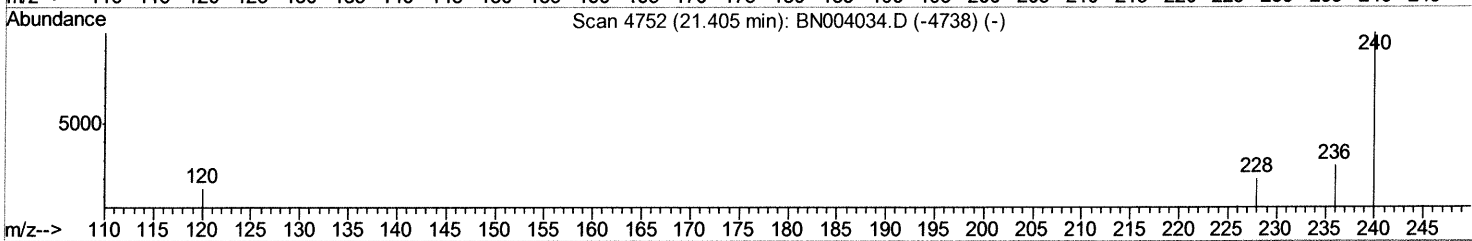
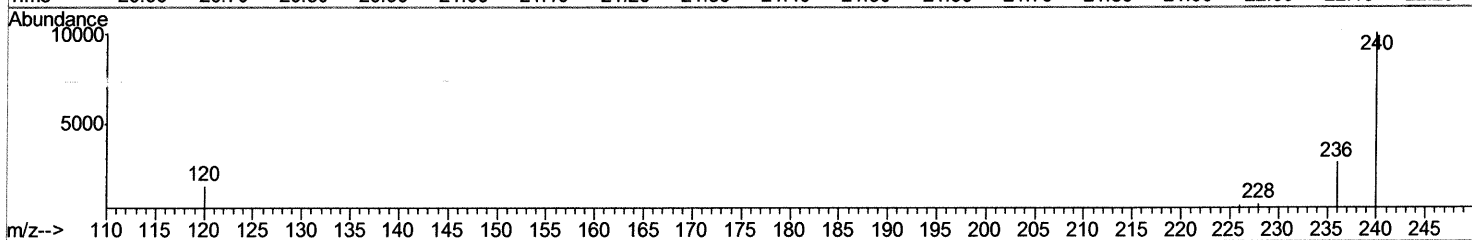
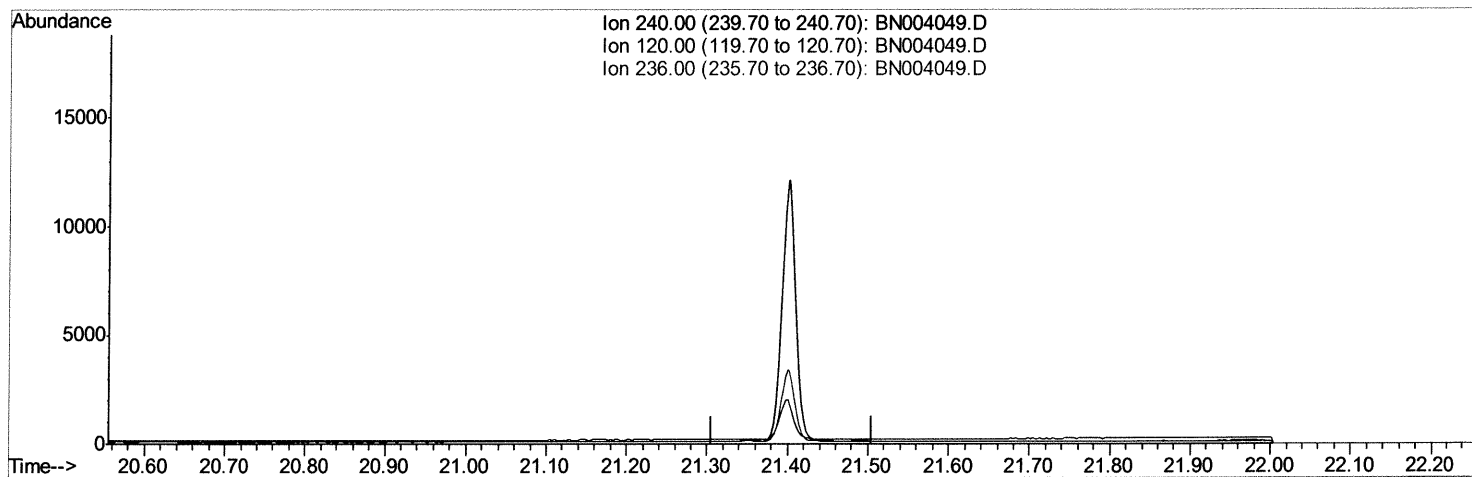
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:18:05 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 : Tue Dec 18 04:29:07 2018
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TIC: BN004049.D

(16) Chrysene-d12 (I)

21.405min (-21.405) 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\BN121718\
Quantitation Report (Qedit)

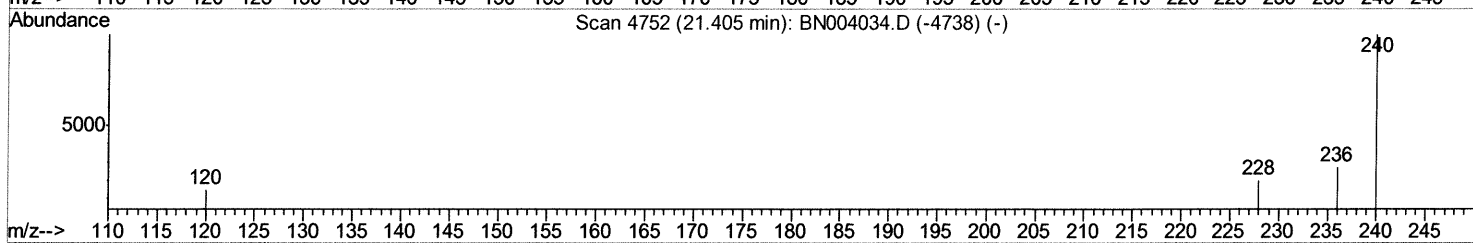
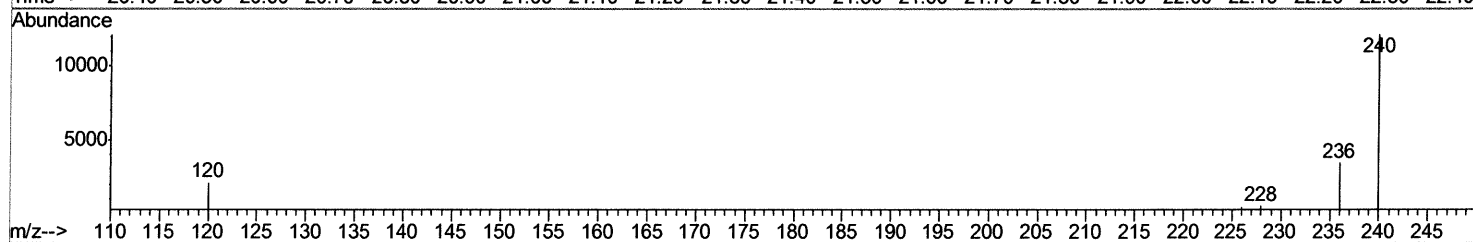
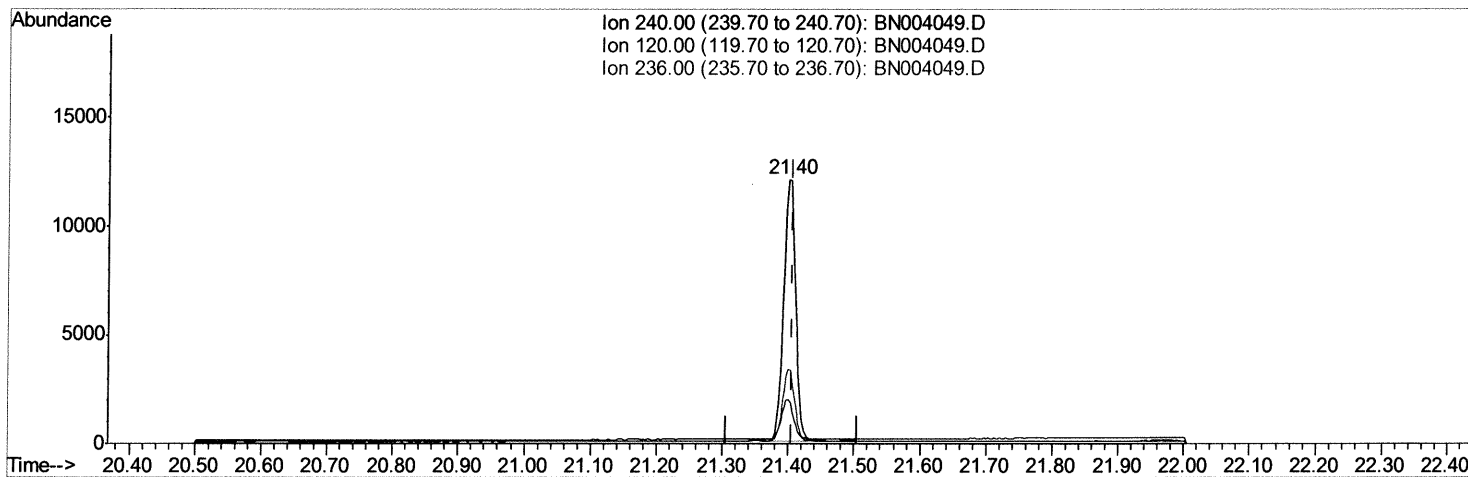
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:18:05 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



TIC: BN004049.D

(16) Chrysene-d12 (I)

21.400min (-0.006) 0.40ng/ul m

response 15022

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	16.99#
236.00	27.60	28.26
0.00	0.00	0.00

> SJ
12/18/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

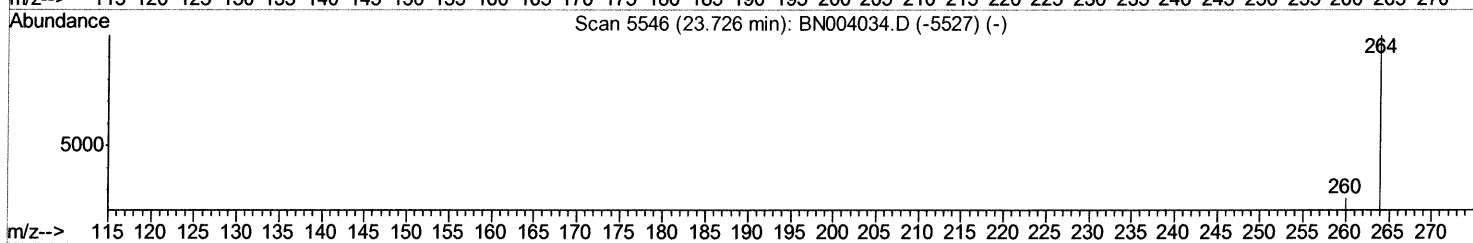
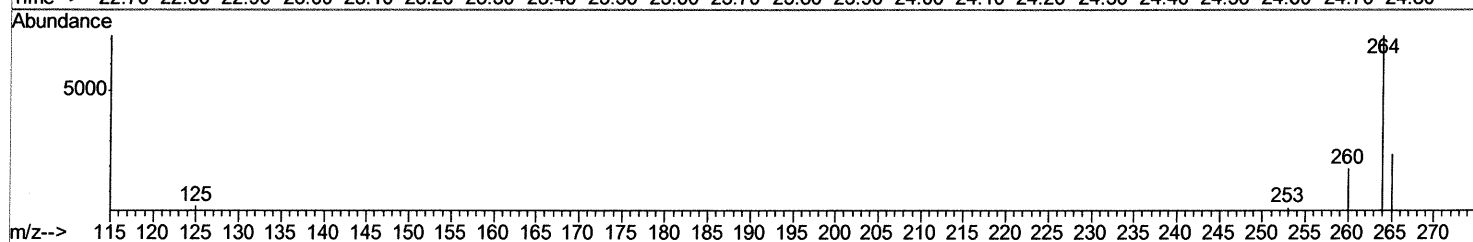
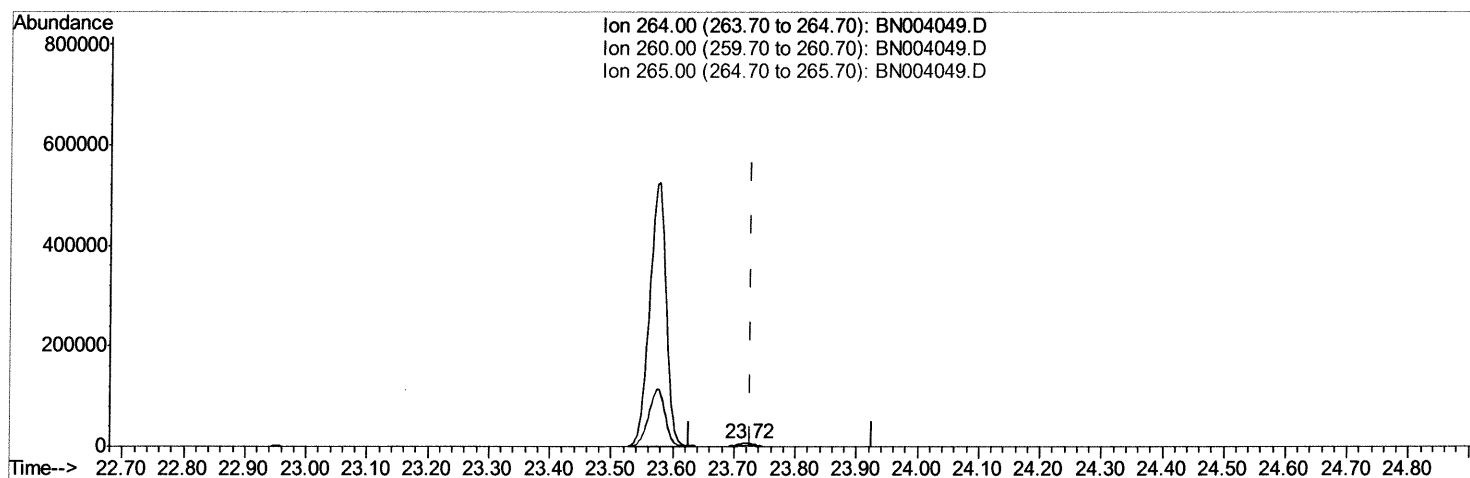
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:19:21 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



TIC: BN004049.D

(20) Perylene-d12 (I)

23.721min (-0.006) 0.40ng/ul

response 14637

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.66
265.00	33.50	34.43
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

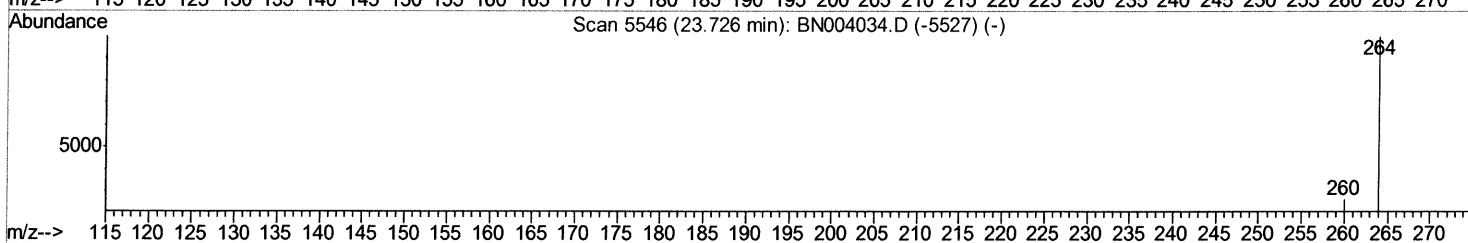
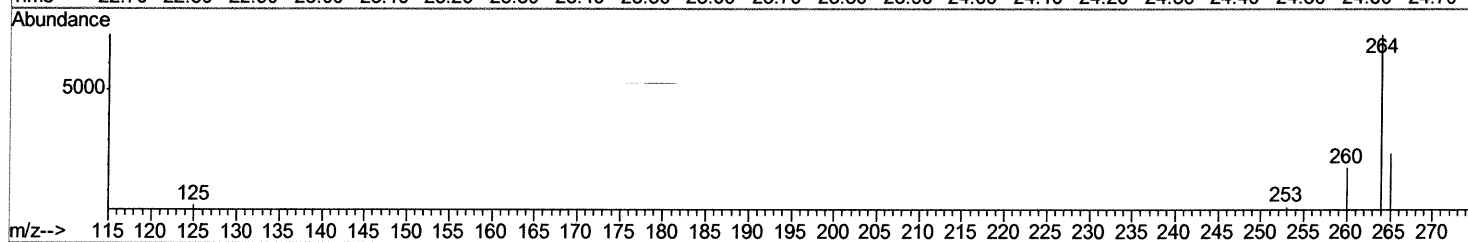
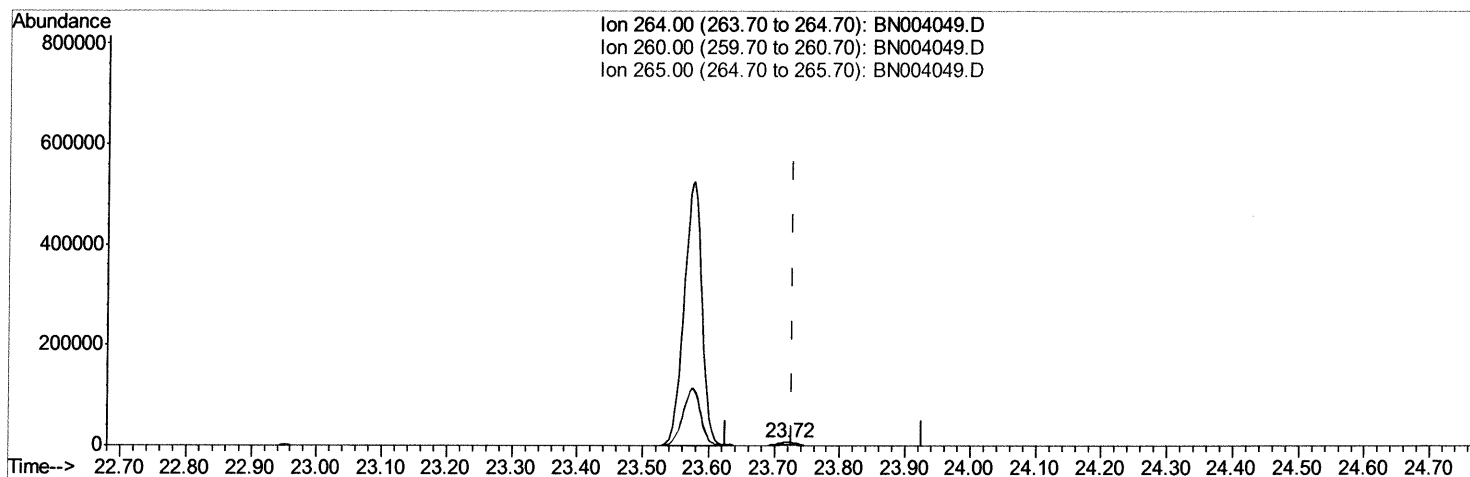
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:19:21 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



TIC: BN004049.D

(20) Perylene-d12 (I)

23.721min (-0.006) 0.40ng/ul m

response 12994

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.66
265.00	33.50	34.43
0.00	0.00	0.00

> SJ
12/18/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

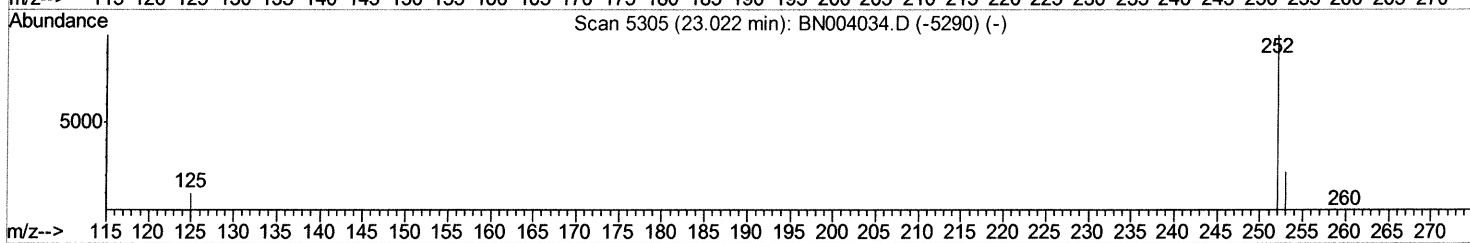
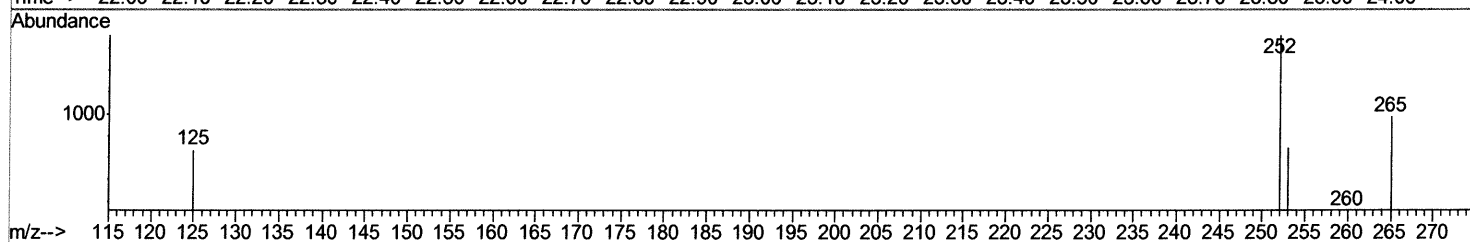
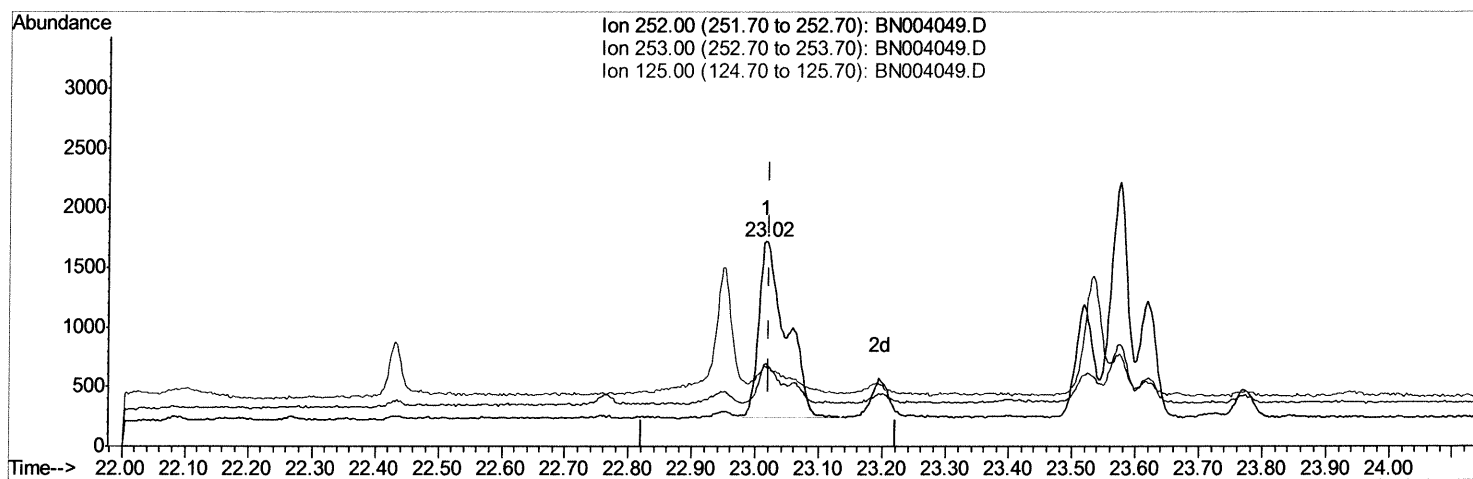
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:20:24 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



TIC: BN004049.D

(21) Benzo(b)fluoranthene

23.016min (-0.006) 0.08ng/ul

response 4408

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	40.37
125.00	11.20	38.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

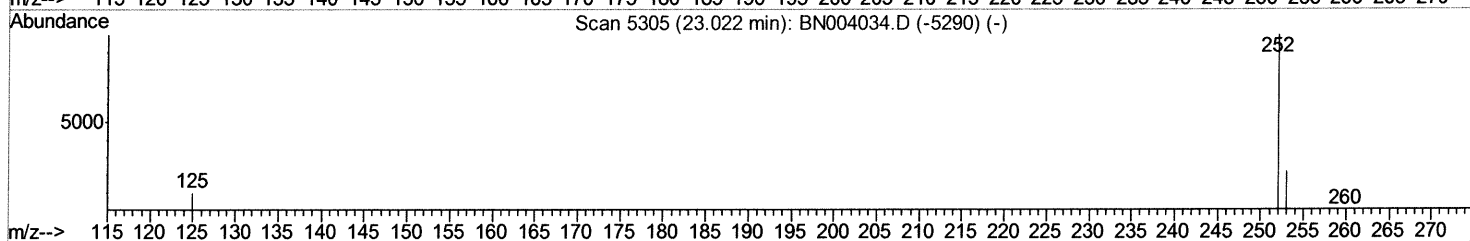
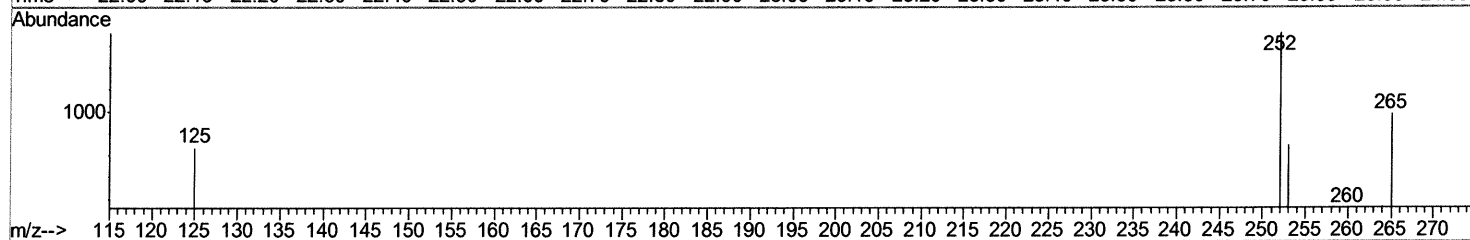
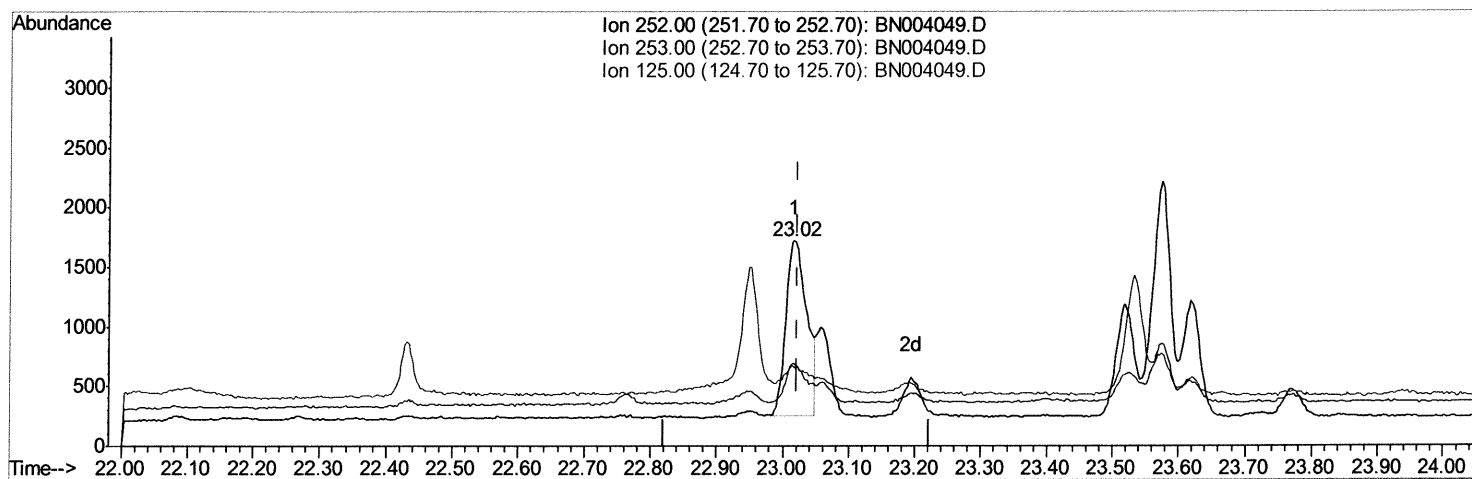
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:20:24 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



TIC: BN004049.D

(21) Benzo(b)fluoranthene

23.016min (-0.006) 0.06ng/ul m

response 3266

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	40.37
125.00	11.20	38.92#
0.00	0.00	0.00

> SJ
12/18/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

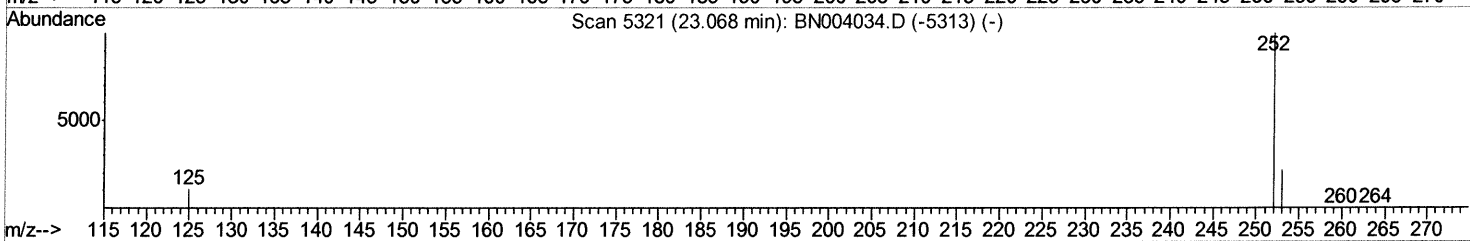
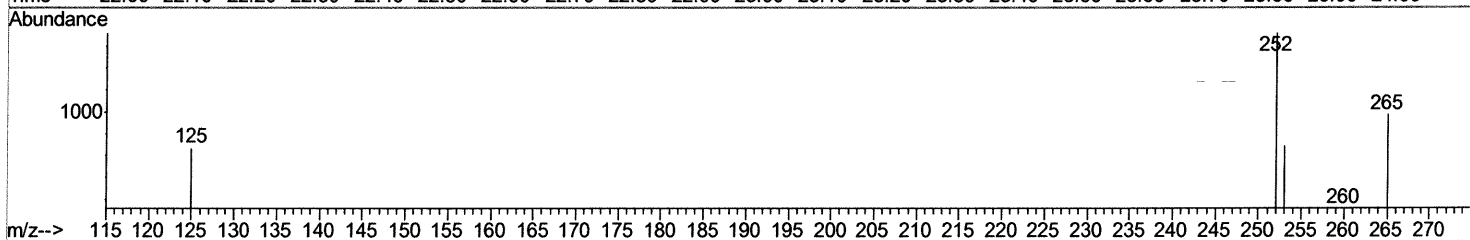
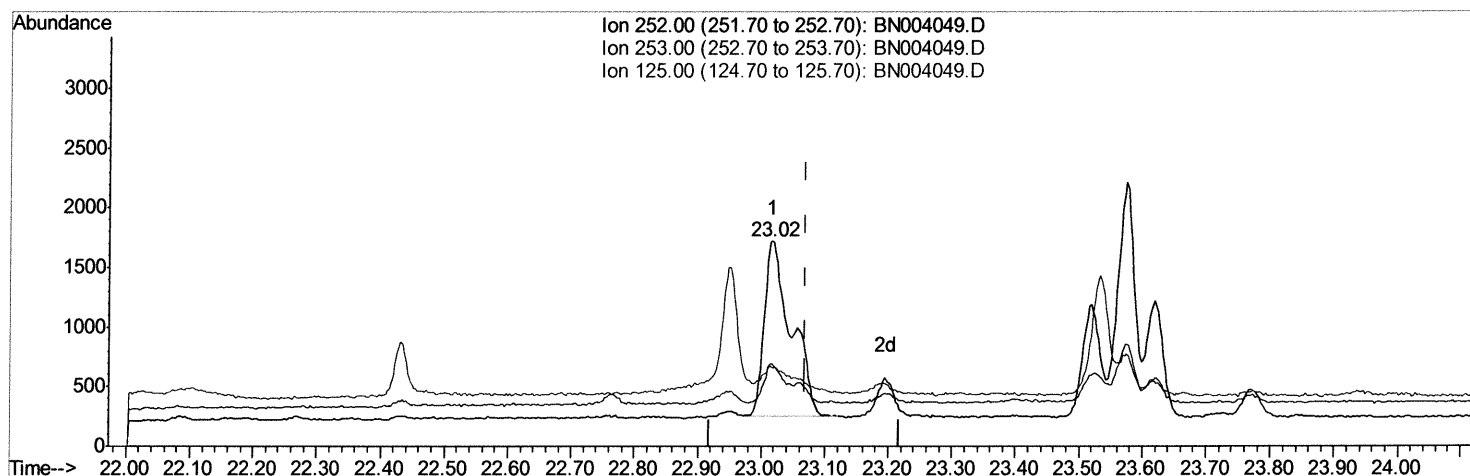
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:20:24 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



TIC: BN004049.D

(22) Benzo(k)fluoranthene
23.016min (-0.052) 0.08ng/ul
response 4378

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	40.37#
125.00	11.30	38.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (Qedit)

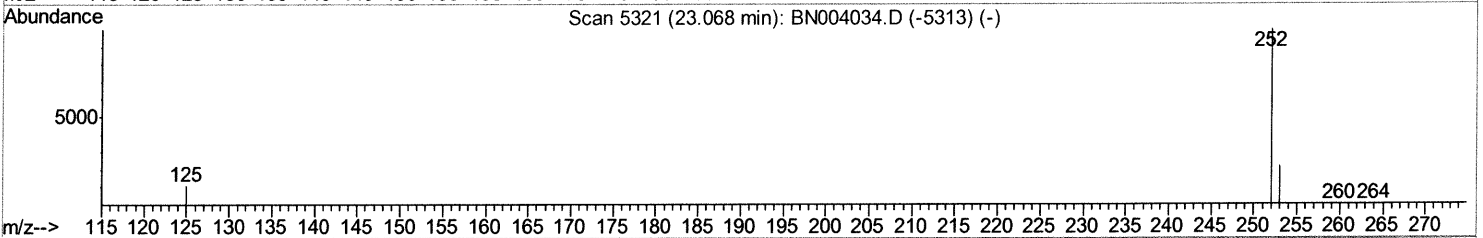
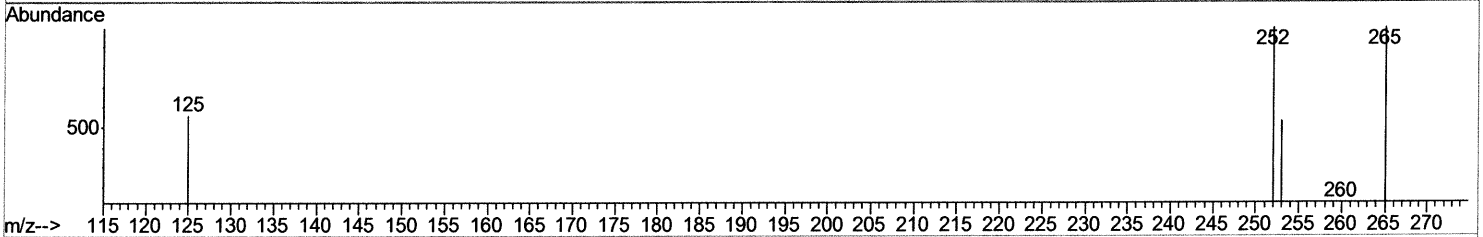
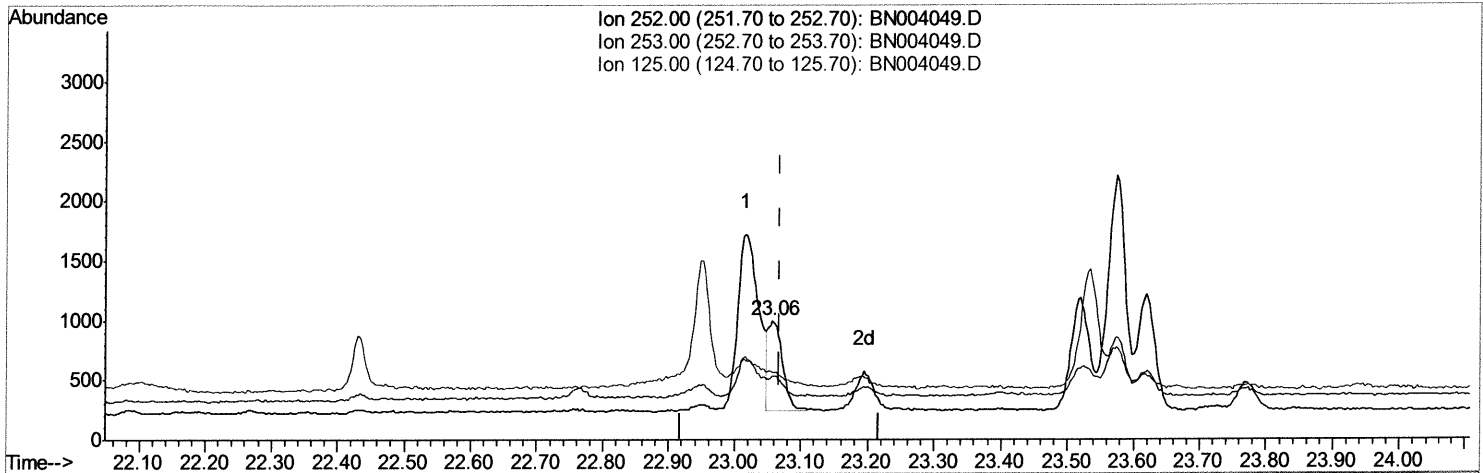
Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:20:24 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration



TIC: BN004049.D

(22) Benzo(k)fluoranthene

23.057min (-0.012) 0.02ng/ul m

response 1123

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	53.31#
125.00	11.30	56.11#
0.00	0.00	0.00

> SJ
12/18/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Quantitation Report (QT Reviewed)

Data File : BN004049.D
Acq On : 17 Dec 2018 23:07
Operator : JU/SJ
Sample : J6236-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F19

Manual Integrations
APPROVED

Sohil
12/18/2018 5:56:29 PM

Quant Time: Dec 18 06:21:17 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1445	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7731	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5129	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13211m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15022m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12994m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.22	152	3878	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	13465m	0.35	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.20	152	846	0.037	ng/ul#	74
12) Phenanthrene	17.26	178	1201m	0.028	ng/ul	
15) Fluoranthene	19.27	202	2128m	0.042	ng/ul	
17) Pyrene	19.64	202	2336	0.043	ng/ul#	86
18) Benzo(a)anthracene	21.39	228	1903	0.040	ng/ul#	82
19) Chrysene	21.44	228	2204	0.041	ng/ul#	83
21) Benzo(b)fluoranthene	23.02	252	3266m	0.061	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	1123m	0.021	ng/ul	
23) Benzo(a)pyrene	23.62	252	1677	0.036	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	26.09	276	1405	0.026	ng/ul#	99
26) Benzo(g,h,i)perylene	26.82	276	1080	0.023	ng/ul#	48

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

SJ
12/18/18