

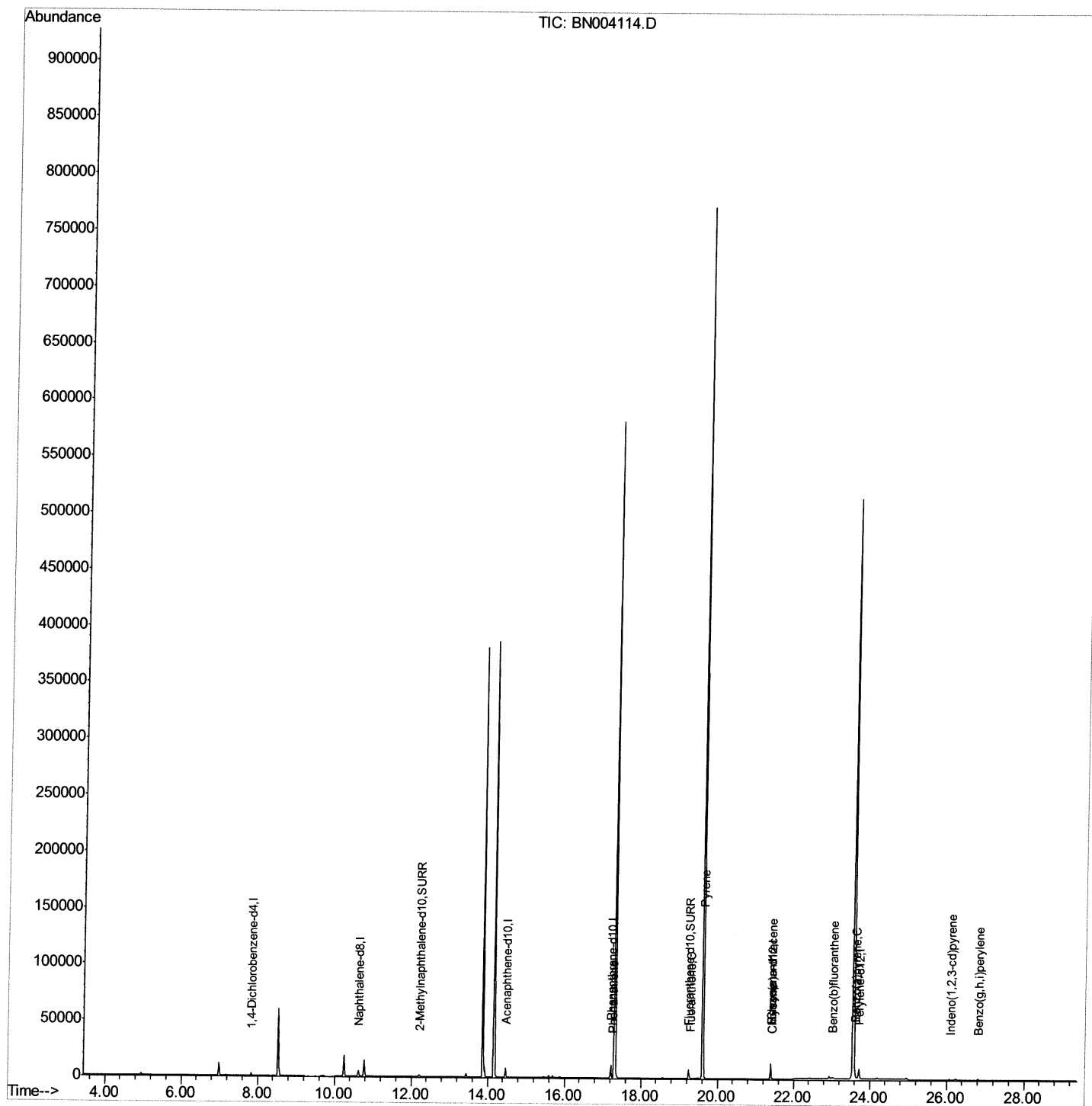
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121918\
Quantitation Report (QT Reviewed)
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:49:11 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 04:42:11 2018
Response via : Initial Calibration



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

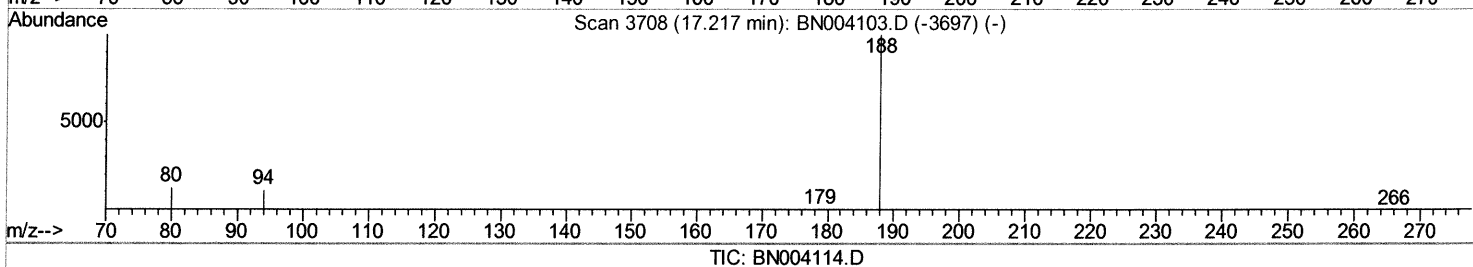
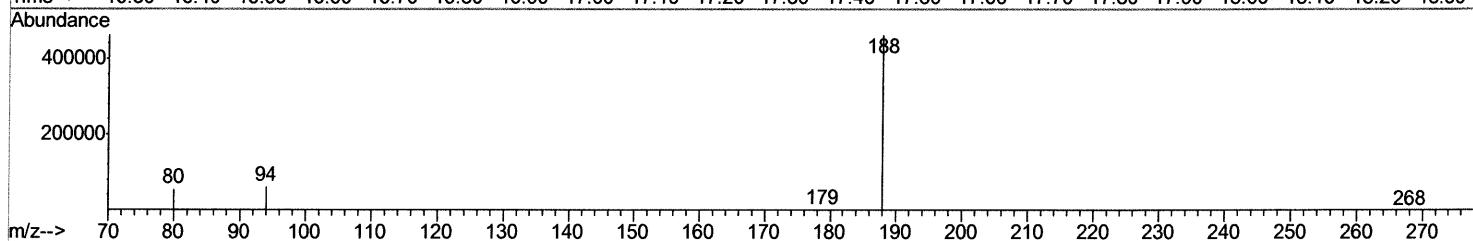
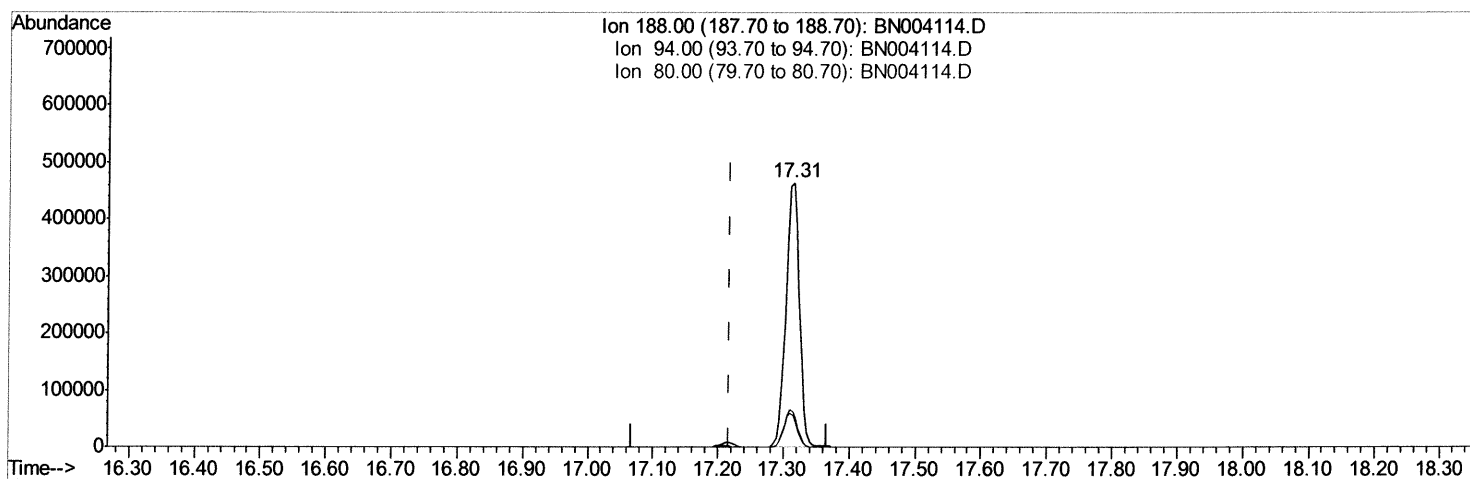
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 04:46:02 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 04:42:11 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
17.314min (+0.097) 0.40ng/ul
response 653637

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.22#
80.00	11.60	11.92
0.00	0.00	0.00

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

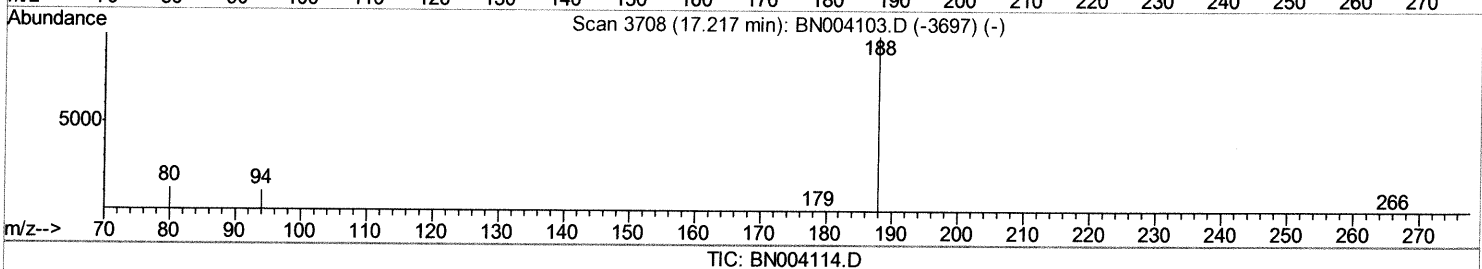
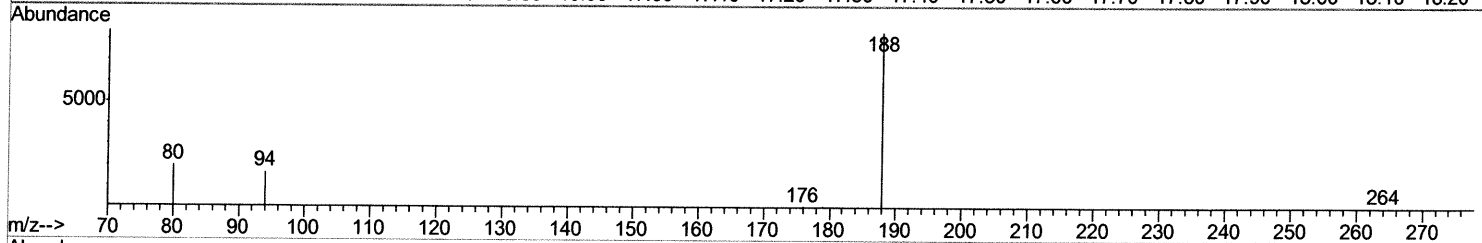
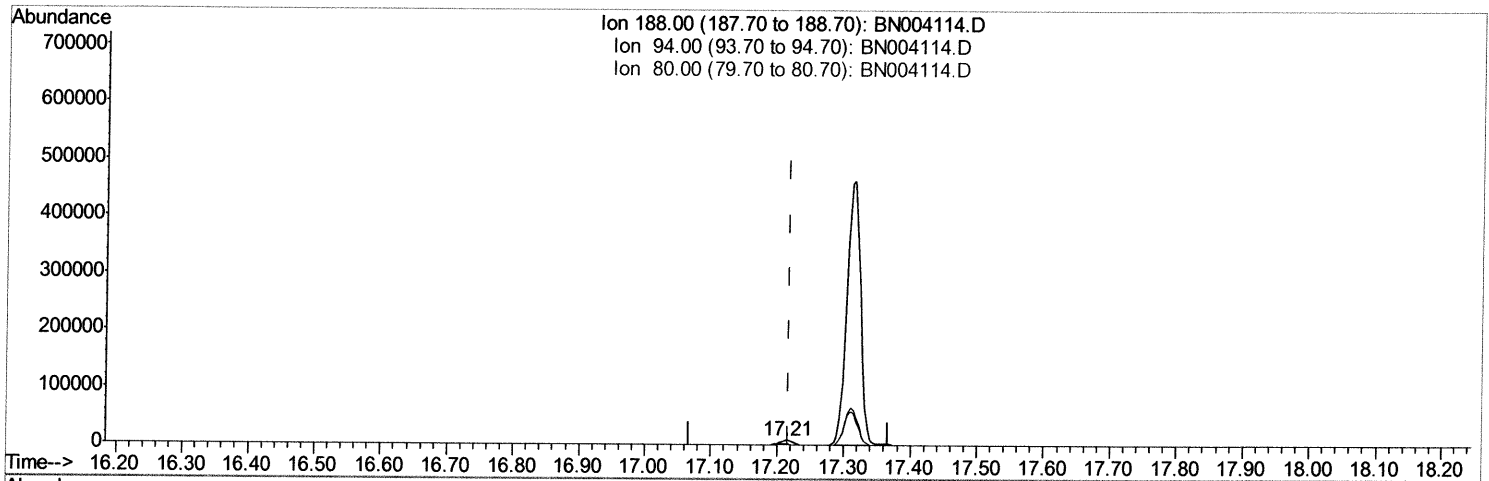
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 04:46:02 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 04:42:11 2018
Response via : Initial Calibration



TIC: BN004114.D

(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m

response 11797

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	19.99#
80.00	11.60	23.58#
0.00	0.00	0.00

SJ
12/20/18

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

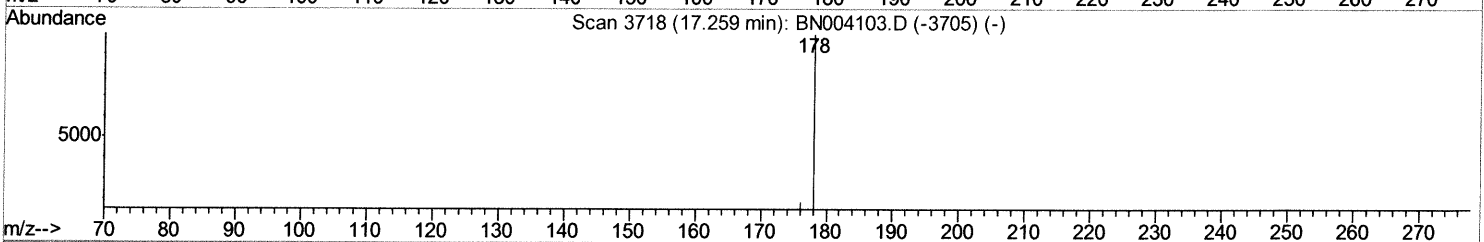
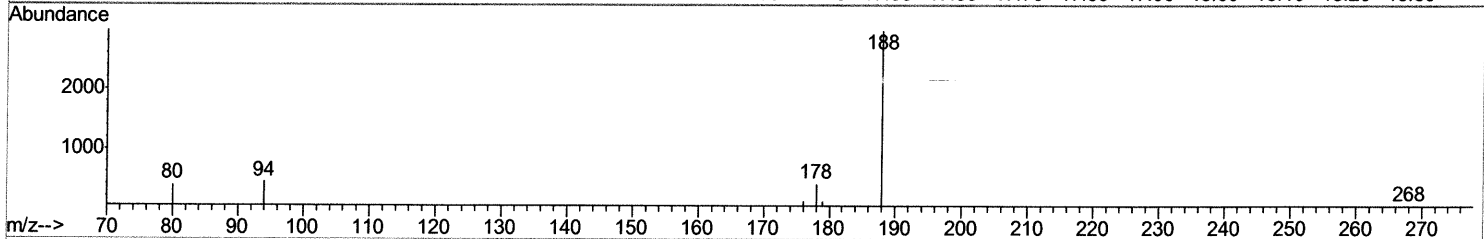
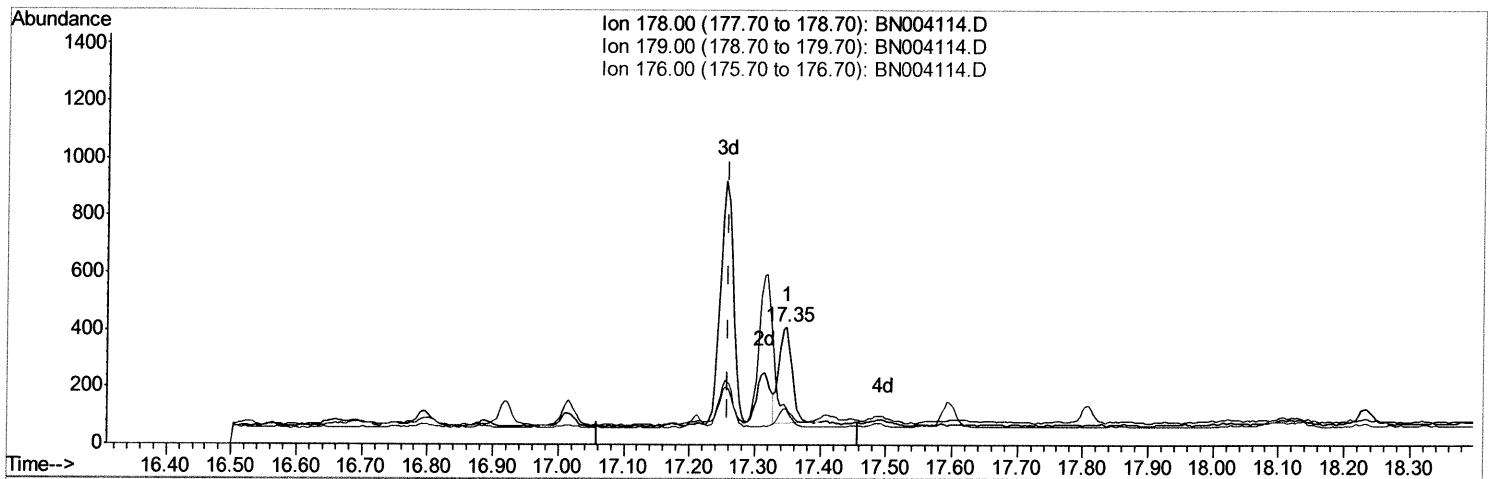
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:46:07 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 : Thu Dec 20 04:42:11 2018
Response via : Initial Calibration



TIC: BN004114.D

(12) Phenanthrene

17.348min (+0.089) 0.01ng/ul

response 471

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	31.80#
176.00	18.70	30.10#
0.00	0.00	0.00

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

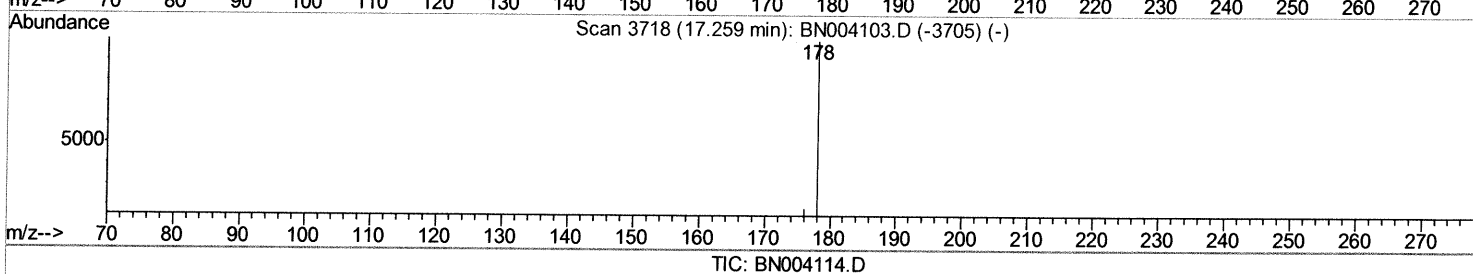
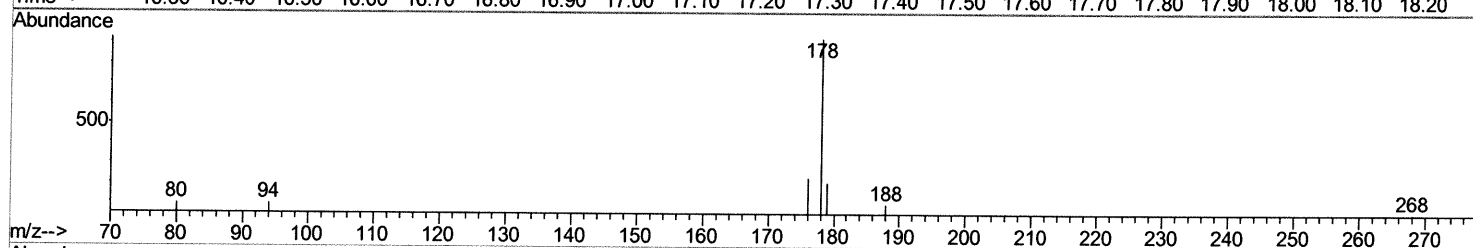
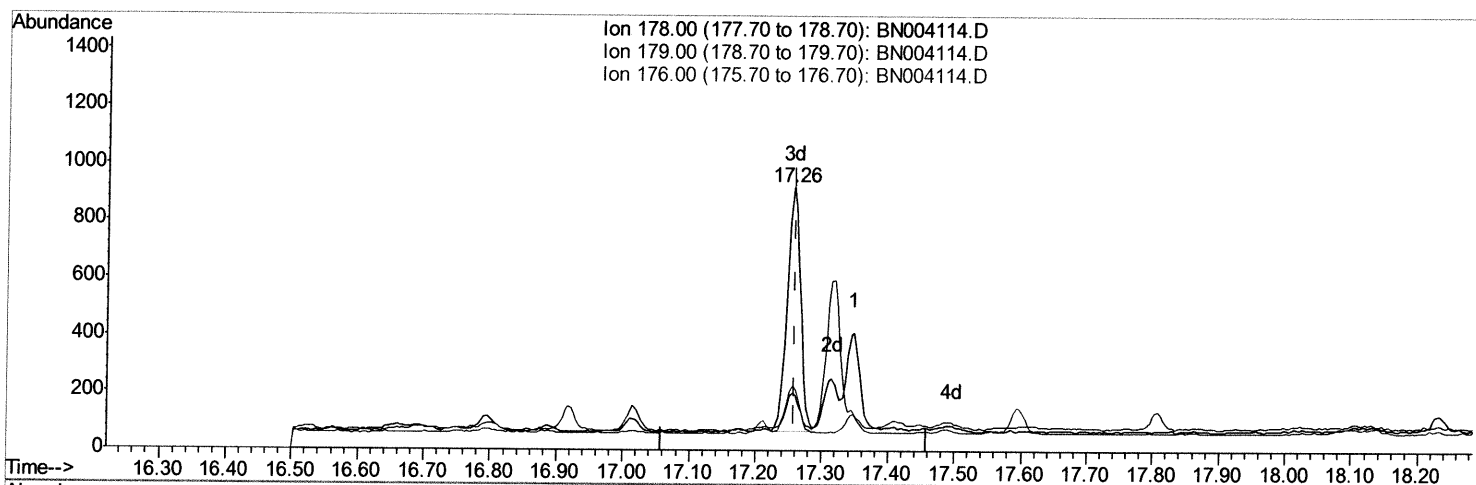
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:46:07 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 : Thu Dec 20 04:42:11 2018
Response via : Initial Calibration



(12) Phenanthrene

17.255min (-0.004) 0.03ng/ul m

response 1195

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	21.78#
176.00	18.70	24.49#
0.00	0.00	0.00

> SJ
12/20/18

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

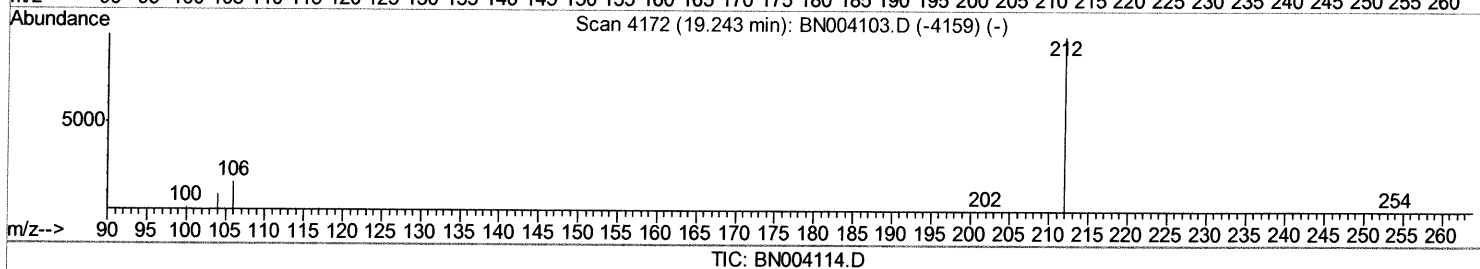
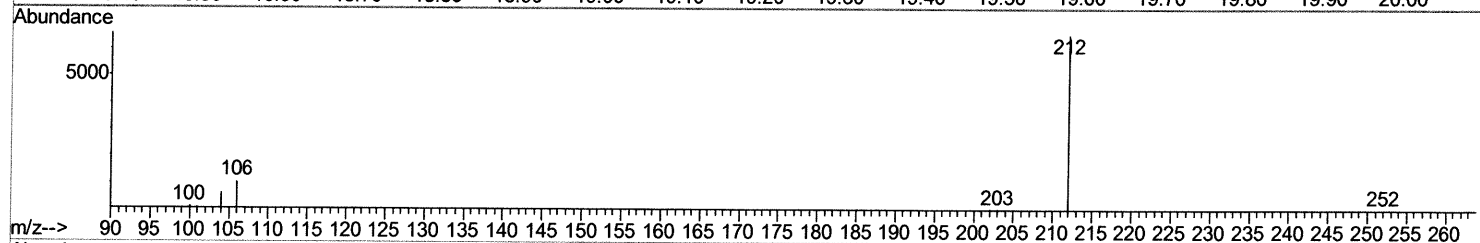
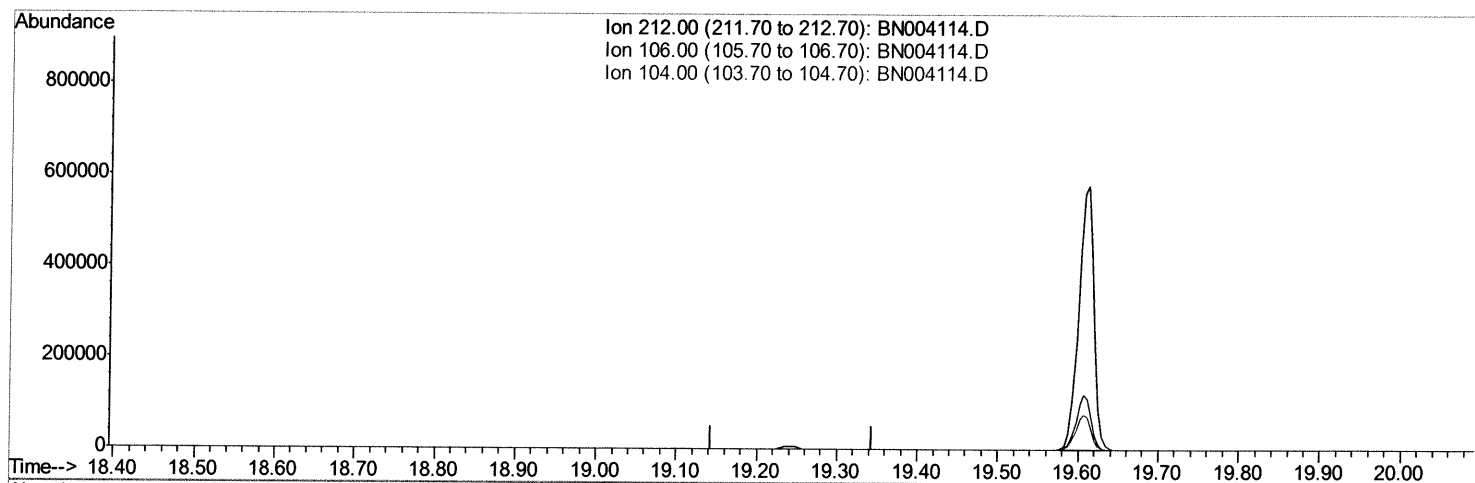
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:46:07 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 : Thu Dec 20 04:42:11 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\
Quantitation Report (Qedit)

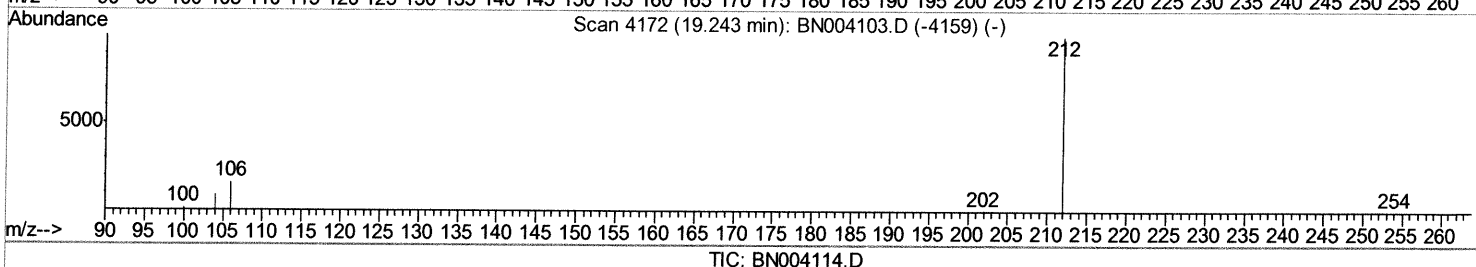
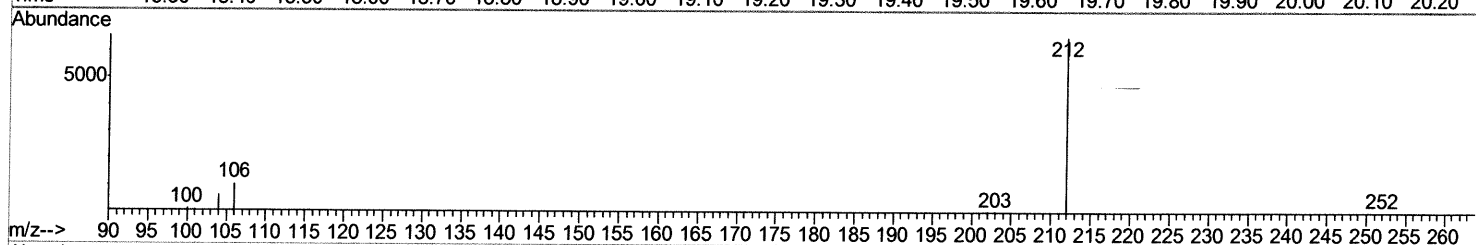
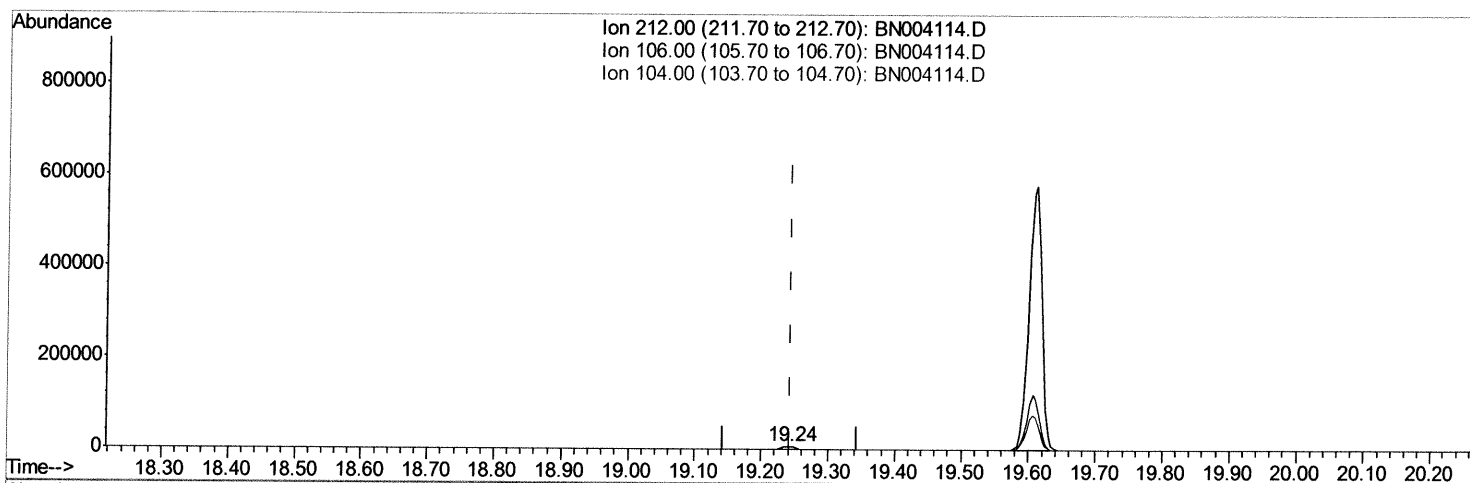
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:46:07 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 : Thu Dec 20 04:42:11 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.244min (+0.000) 0.25ng/ul m

response 8562

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
12/20/18

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

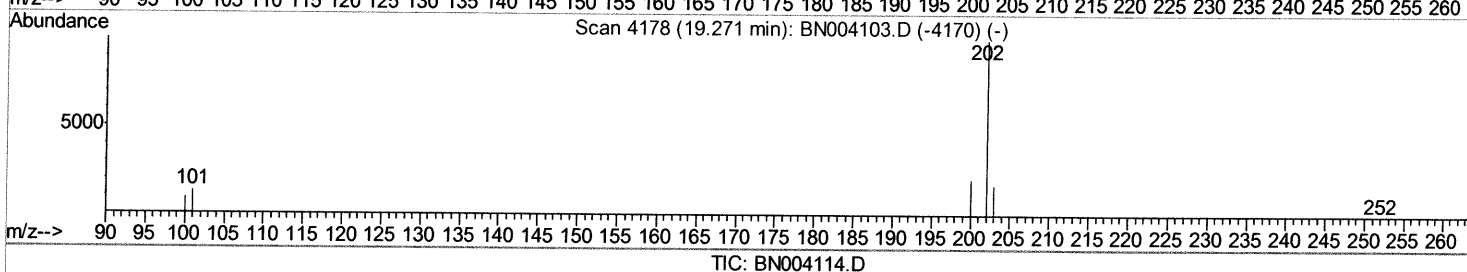
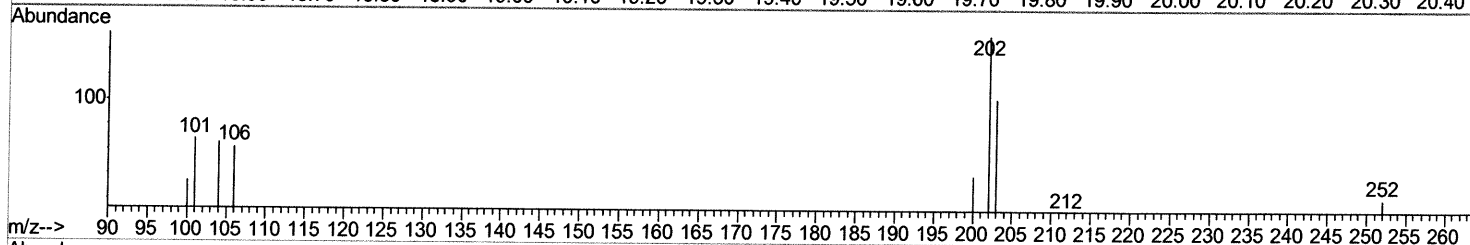
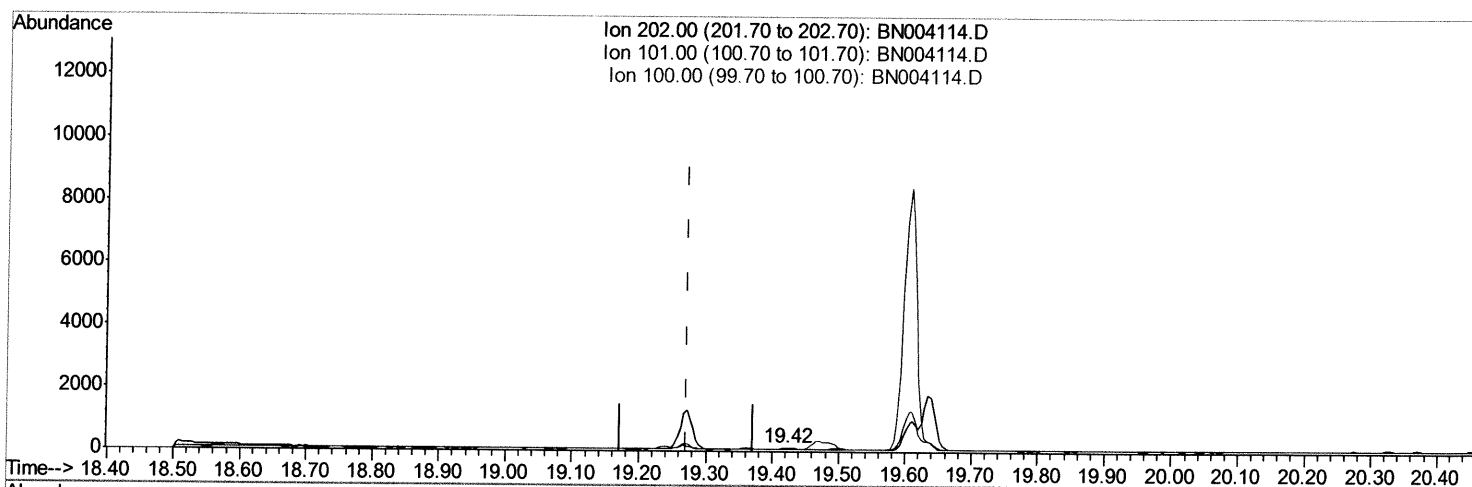
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:46:07 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 : Thu Dec 20 04:42:11 2018
Response via : Initial Calibration



TIC: BN004114.D

(15) Fluoranthene (C)

19.420min (+0.149) 0.00ng/ul

response 81

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	66.14#
100.00	8.10	52.76#
0.00	0.00	0.00

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

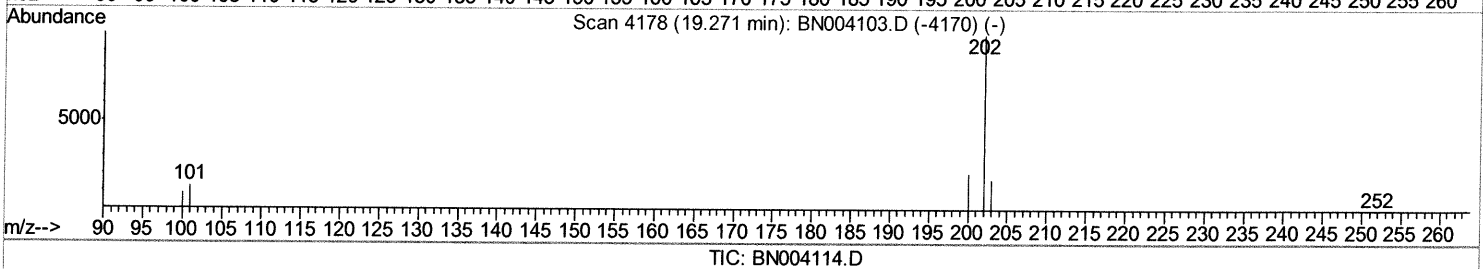
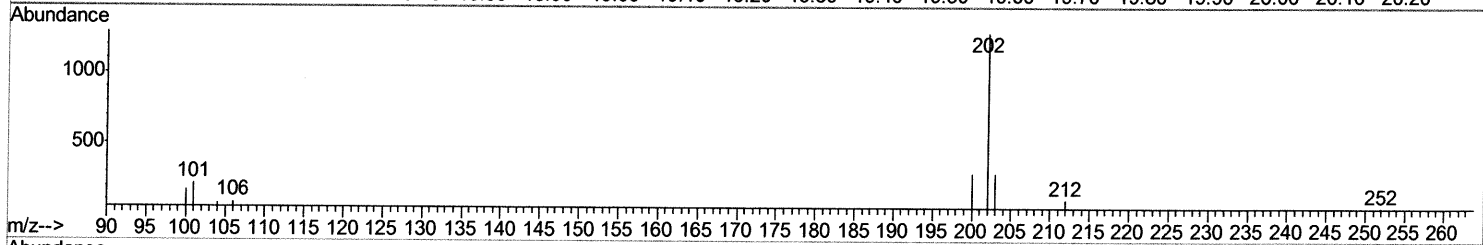
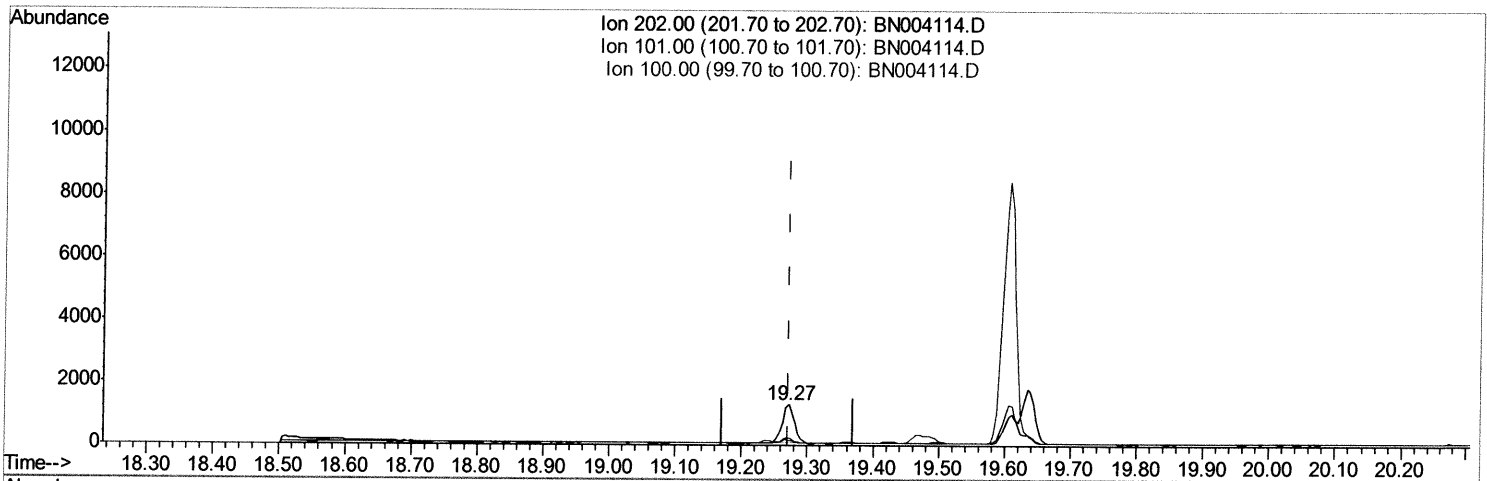
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:46:07 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 : Thu Dec 20 04:42:11 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.271min (+0.000) 0.04ng/ul m

response 1640

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	17.13
100.00	8.10	13.18
0.00	0.00	0.00

> SJ
12/20/18

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

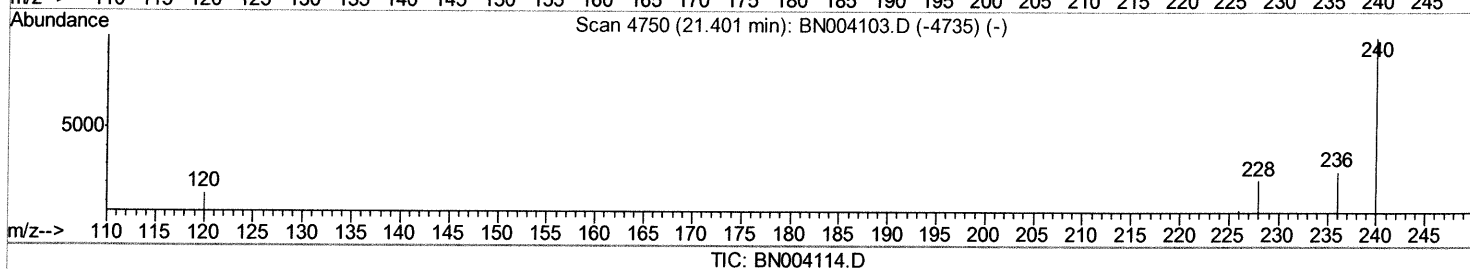
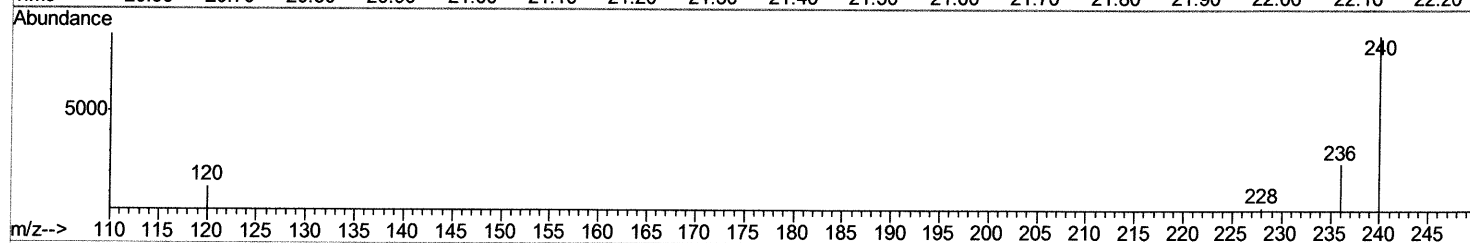
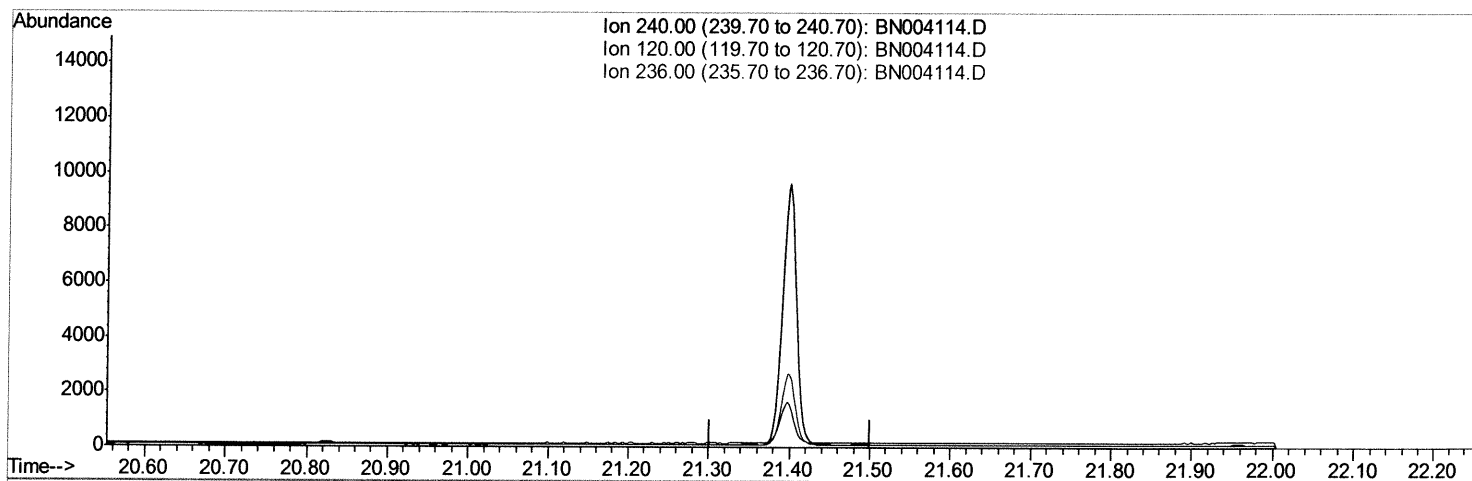
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:46:07 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 04:42:11 2018
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TIC: BN004114.D

(16) Chrysene-d12 (I)

21.401min (-21.401) 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)

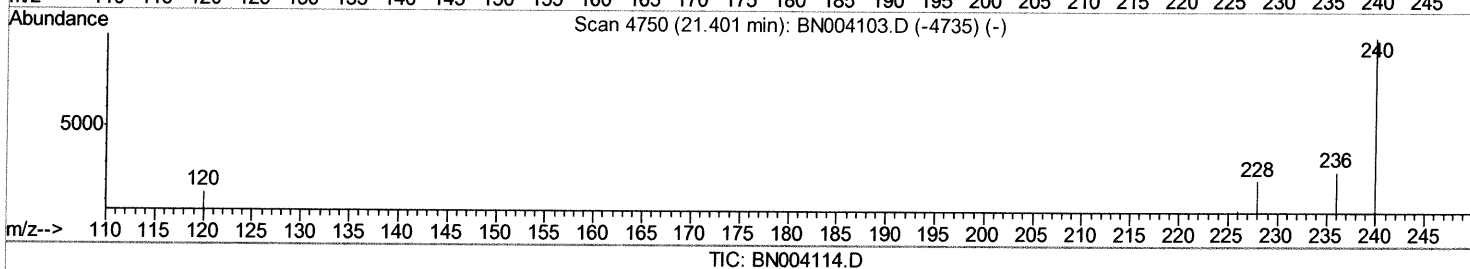
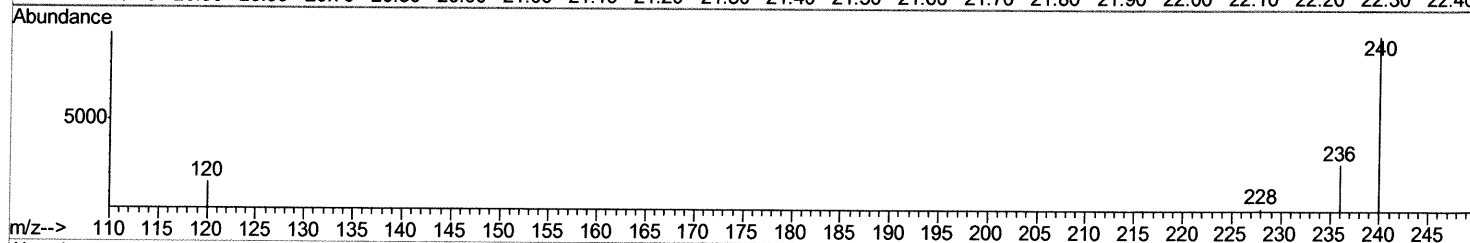
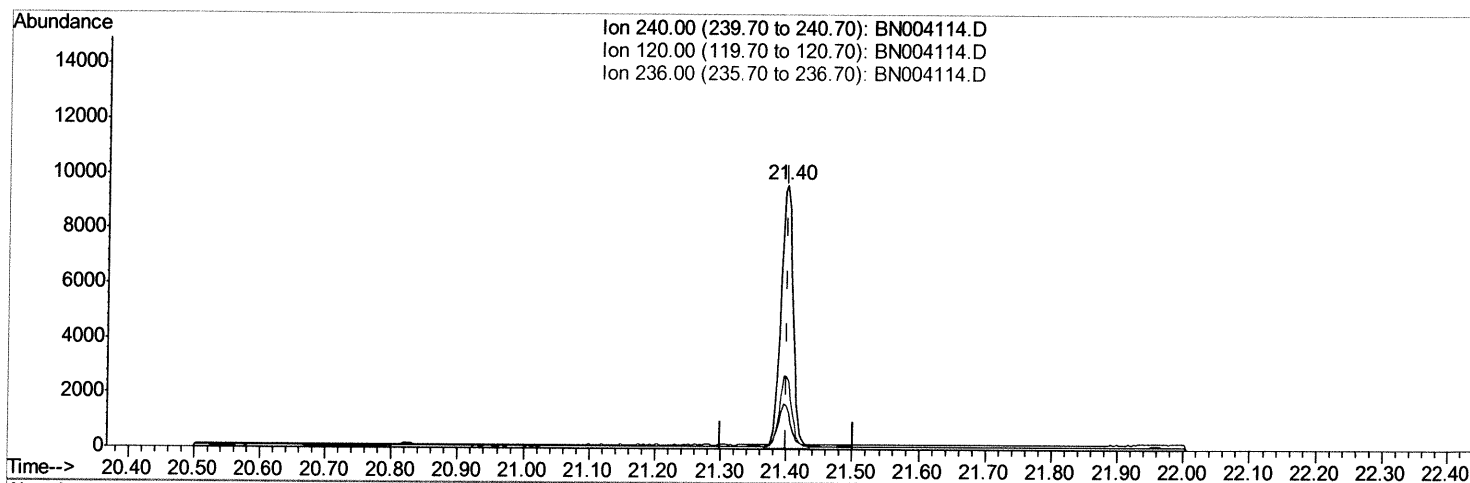
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:46:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
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Response via : Initial Calibration



TIC: BN004114.D

(16) Chrysene-d12 (I)

21.400min (-0.002) 0.40ng/ul m

response 12086

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	16.37
236.00	27.60	27.95
0.00	0.00	0.00

> SJ
12/20/18

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

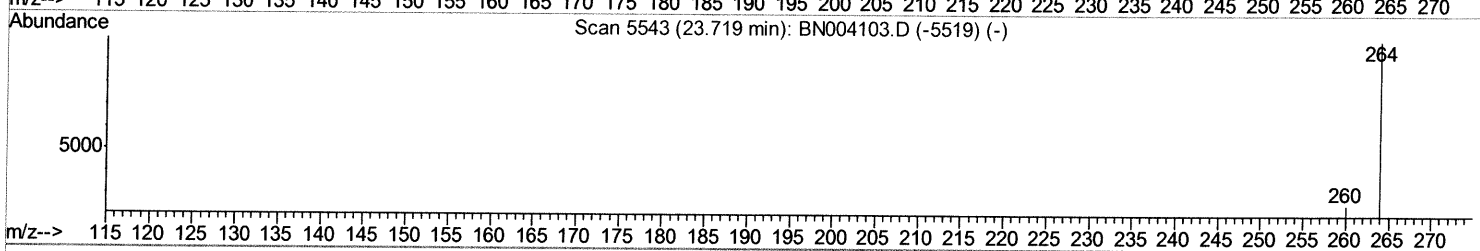
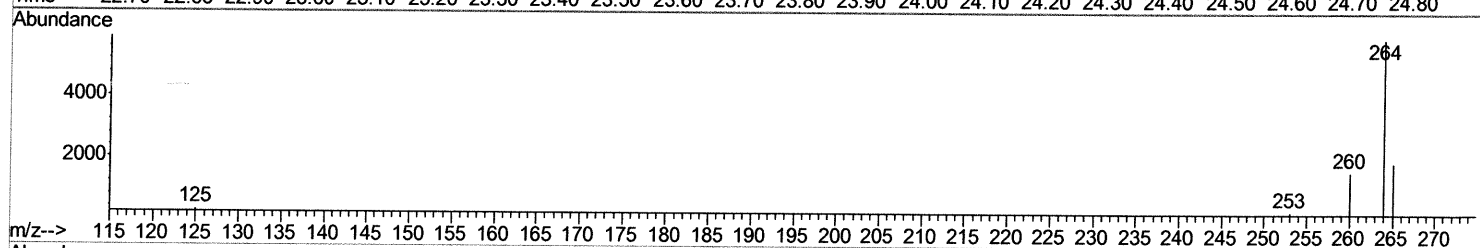
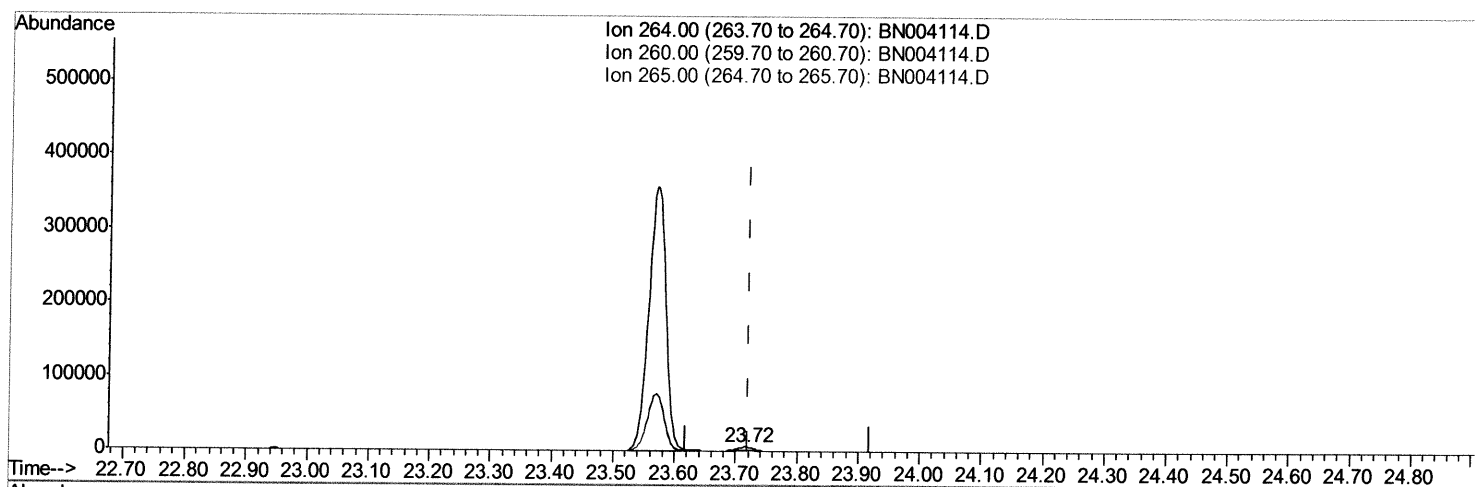
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:47:53 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 04:42:11 2018
Response via : Initial Calibration



TIC: BN004114.D

(20) Perylene-d12 (I)

23.718min (-0.002) 0.40ng/ul

response 12146

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.70
265.00	33.50	31.82
0.00	0.00	0.00

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

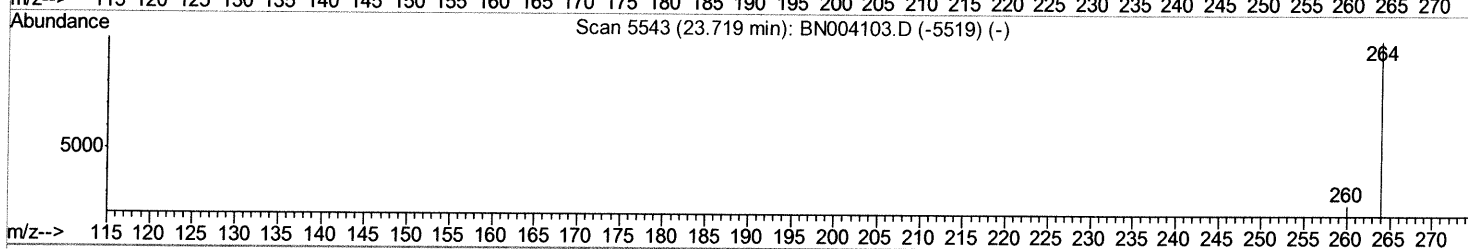
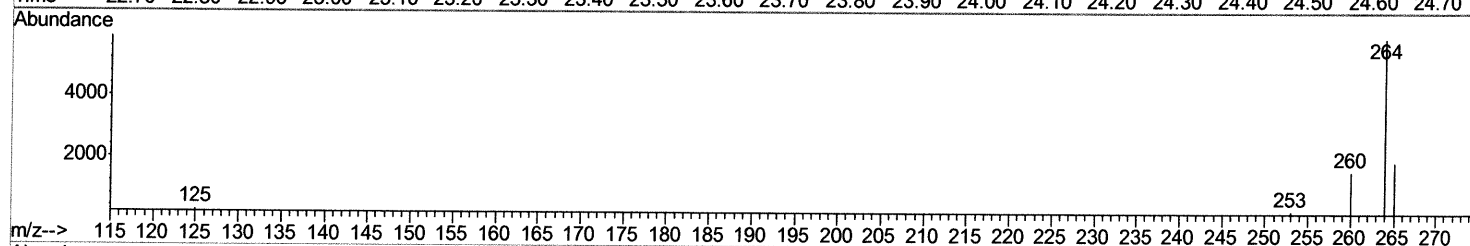
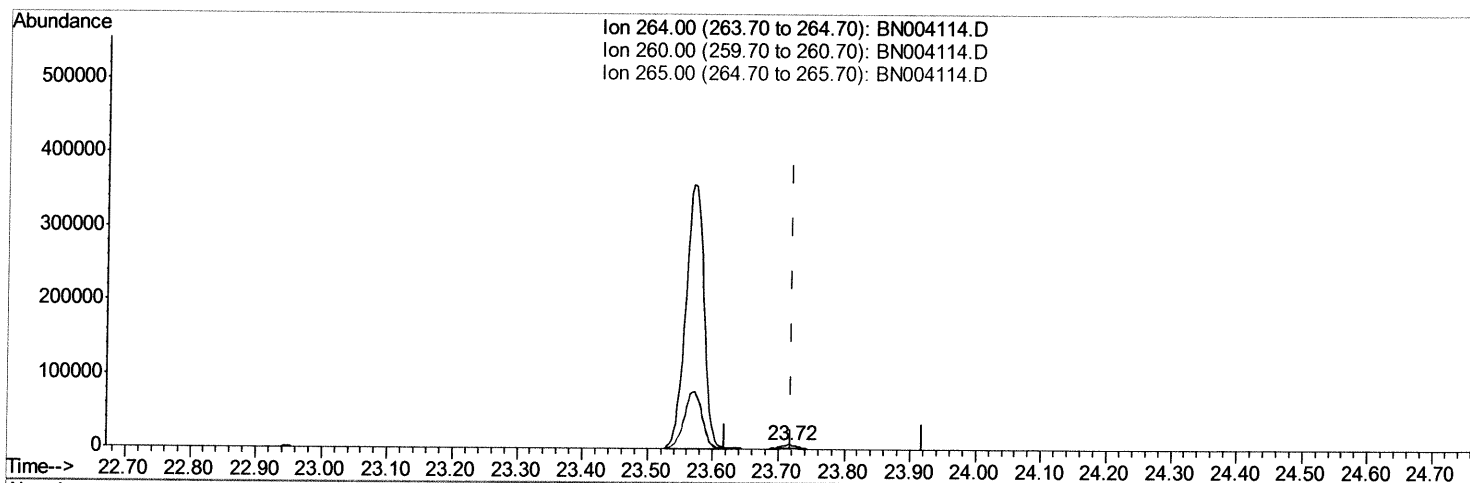
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:47:53 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 04:42:11 2018
Response via : Initial Calibration



TIC: BN004114.D

(20) Perylene-d12 (I)

23.718min (-0.002) 0.40ng/ul m

response 10402

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.70
265.00	33.50	31.82
0.00	0.00	0.00

> SJ
12/20/18

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

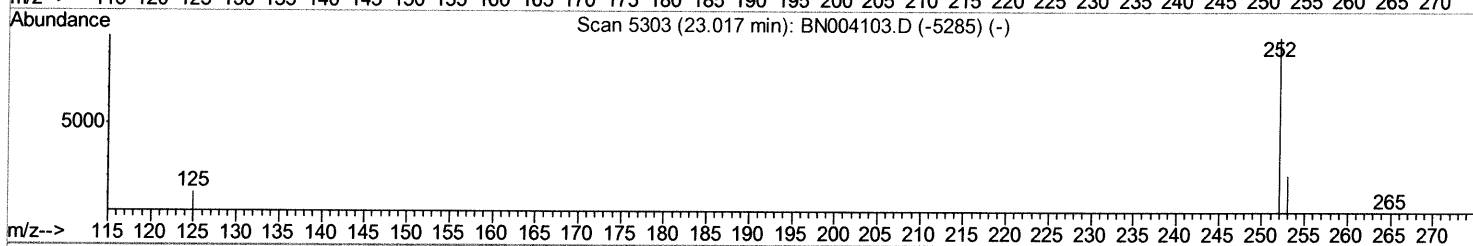
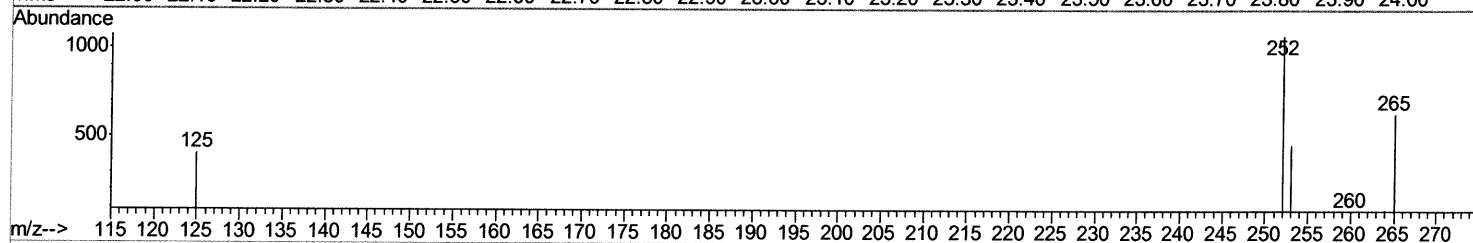
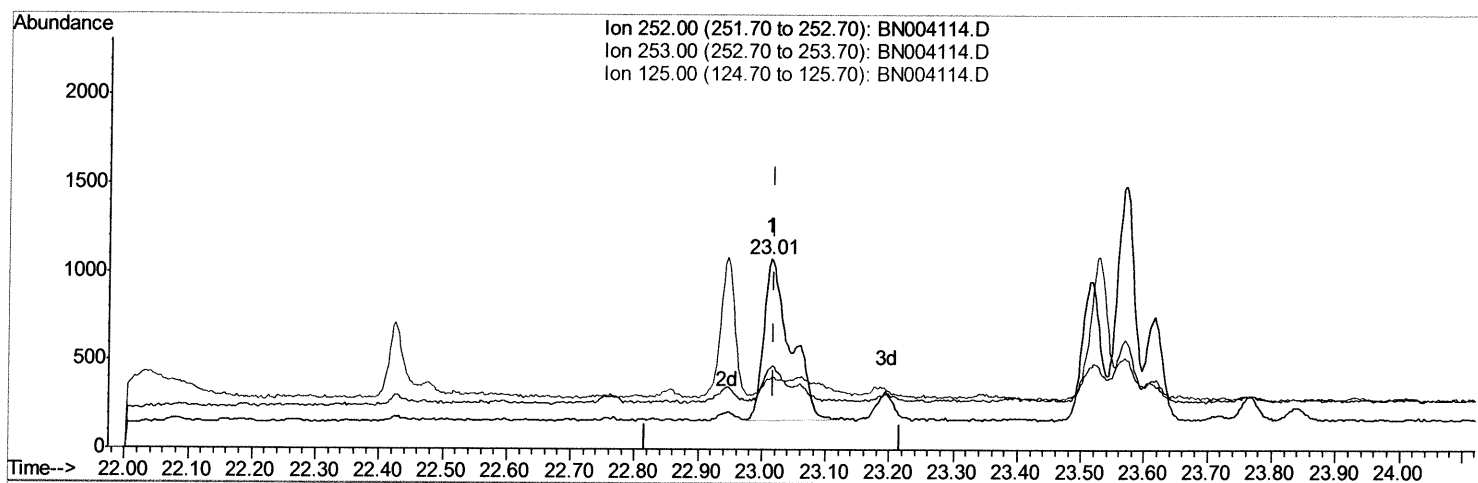
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:48:18 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 04:42:11 2018
Response via : Initial Calibration



TIC: BN004114.D

(21) Benzo(b)fluoranthene

23.013min (-0.005) 0.06ng/ul

response 2654

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	42.80
125.00	11.20	37.42#
0.00	0.00	0.00

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

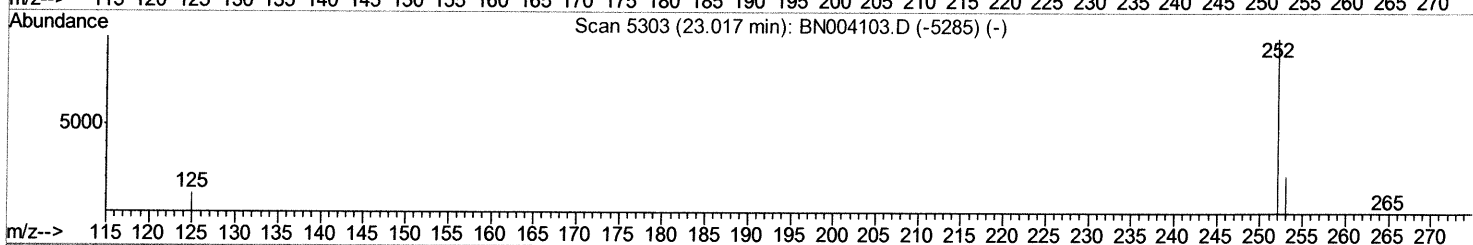
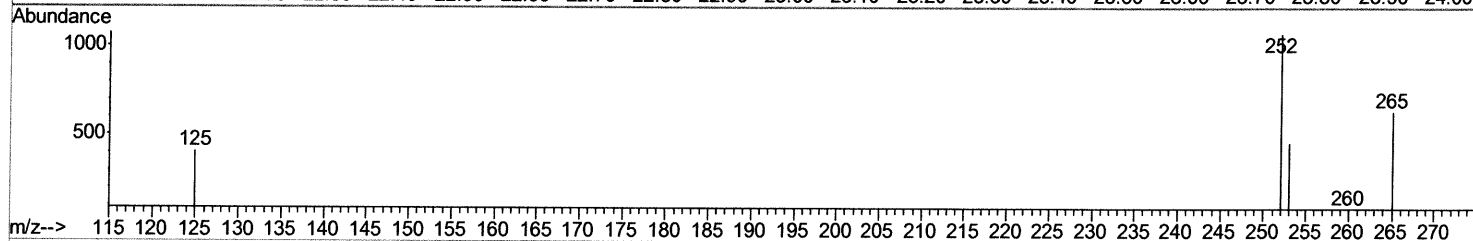
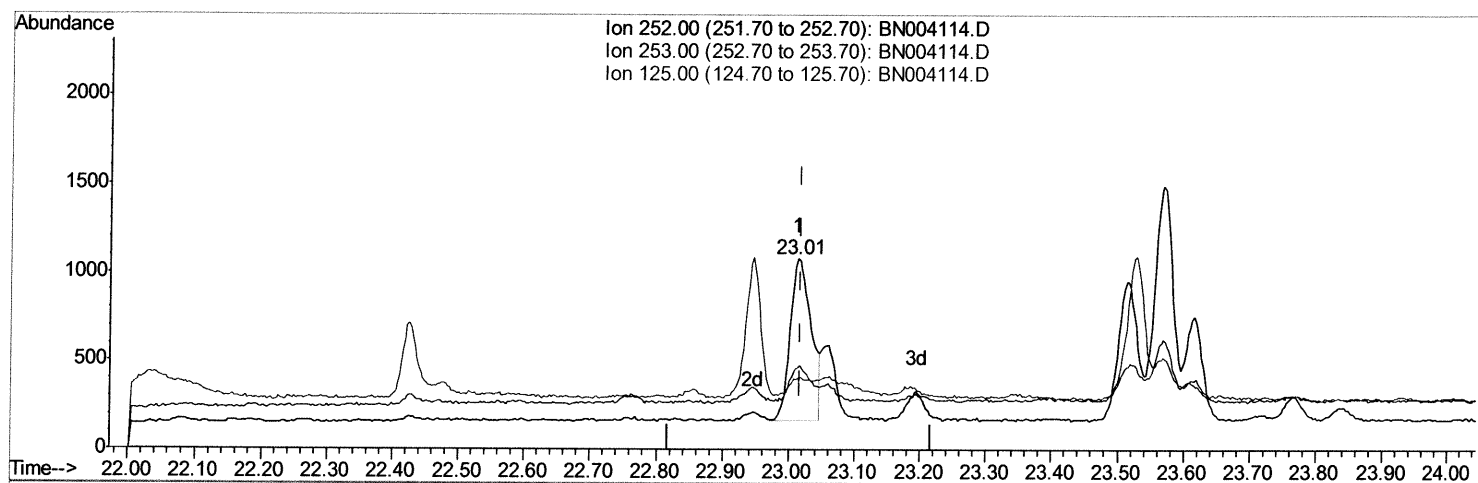
Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:48:18 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 04:42:11 2018
Response via : Initial Calibration



TIC: BN004114.D

(21) Benzo(b)fluoranthene

23.013min (-0.005) 0.05ng/ul m

response 2002

Ion Exp% Act%

252.00 100 100

253.00 23.00 42.80

125.00 11.20 37.42#

0.00 0.00 0.00

> SJ
12/20/18

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

Data File : BN004114.D
Acq On : 19 Dec 2018 15:32
Operator : JU/SJ
Sample : J6297-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F26

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:05 PM

Quant Time: Dec 20 05:49:11 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 04:42:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1356	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7041	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4497	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11797m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12086m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	10402m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	2597	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8562m	0.25	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.26	178	1195m	0.031	ng/ul	
15) Fluoranthene	19.27	202	1640m	0.036	ng/ul	
17) Pyrene	19.63	202	2220	0.051	ng/ul#	82
18) Benzo(a)anthracene	21.38	228	1105	0.029	ng/ul#	78
19) Chrysene	21.43	228	1504	0.034	ng/ul#	85
21) Benzo(b)fluoranthene	23.01	252	2002m	0.047	ng/ul	
23) Benzo(a)pyrene	23.62	252	994	0.027	ng/ul#	31
24) Indeno(1,2,3-cd)pyrene	26.08	276	973	0.023	ng/ul#	96
26) Benzo(g,h,i)perylene	26.81	276	1132	0.030	ng/ul#	54

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

SJ
12/20/18