

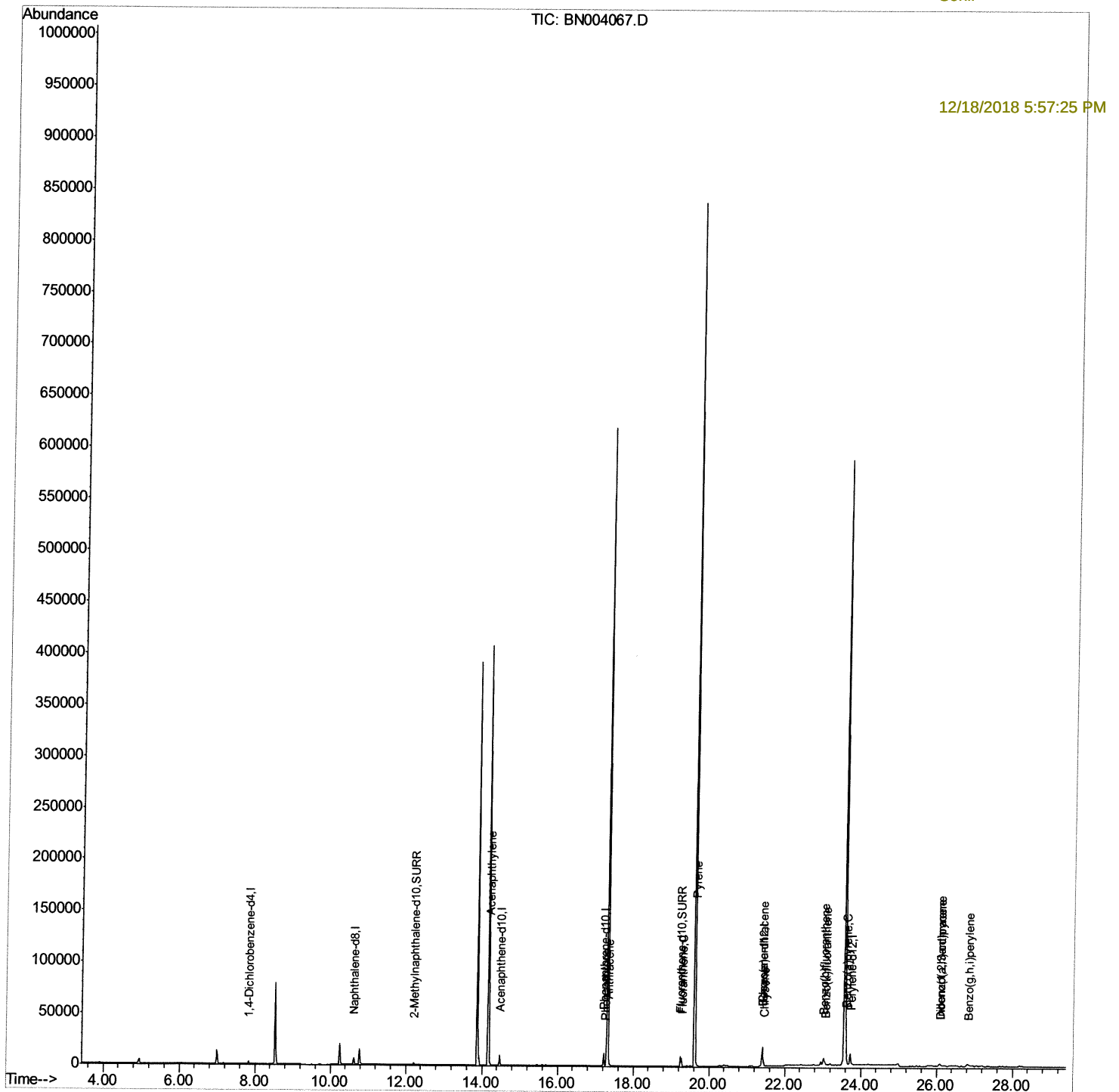
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
Data File : BN004067.D
Acq On : 18 Dec 2018 09:39
Operator : JU/SJ
Sample : J6270-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E14

Manual Integrations
APPROVED

Quant Time: Dec 18 11:39:29 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 06:35:27 2018
Response via : Initial Calibration

Sohil



Quantitation Report (Qedit)

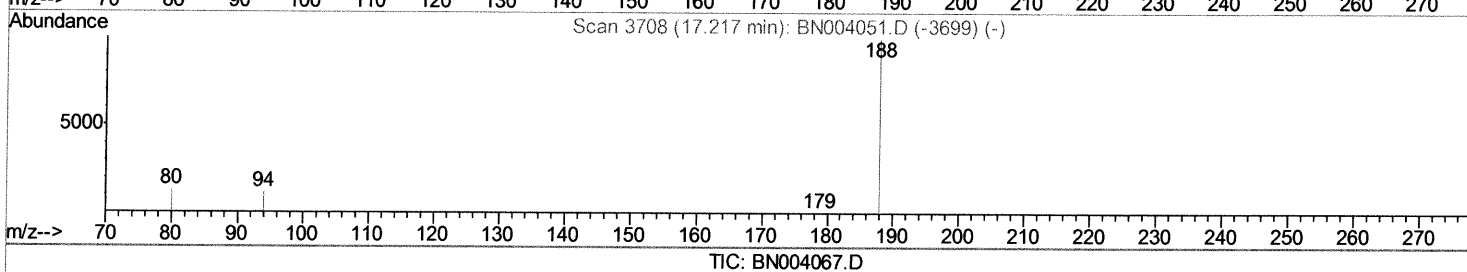
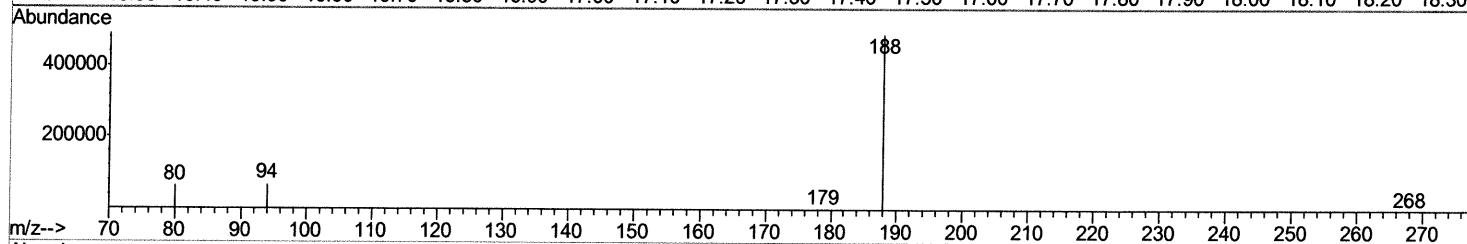
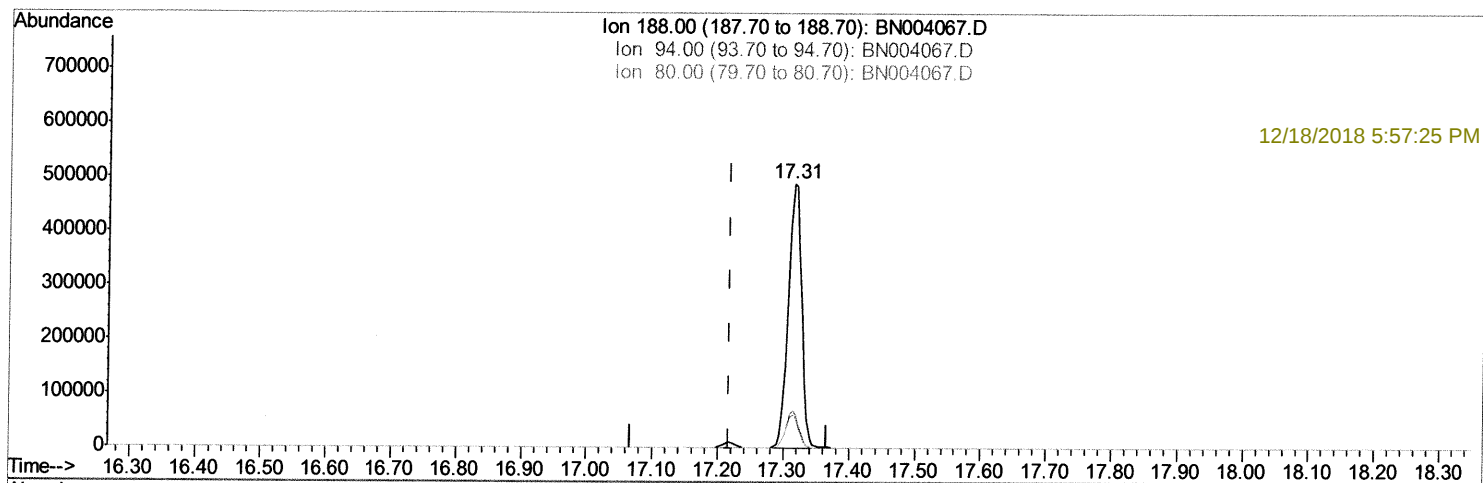
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
Data File : BN004067.D
Acq On : 18 Dec 2018 09:39
Operator : JU/SJ
Sample : J6270-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E14

Manual Integrations
APPROVED

Quant Time: Dec 18 11:34:45 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 06:35:27 2018
Response via : Initial Calibration

Sohil



TIC: BN004067.D

(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 687184

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	14.00#
80.00	11.60	12.70
0.00	0.00	0.00

Quantitation Report (Qedit)

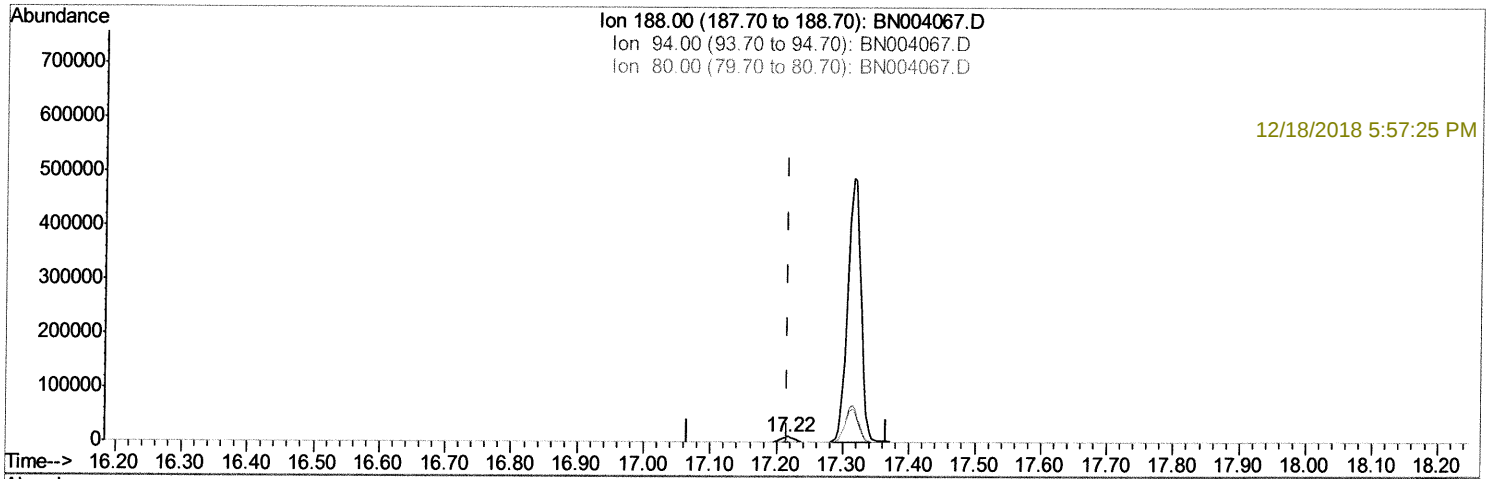
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
 Data File : BN004067.D
 Acq On : 18 Dec 2018 09:39
 Operator : JU/SJ
 Sample : J6270-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E14

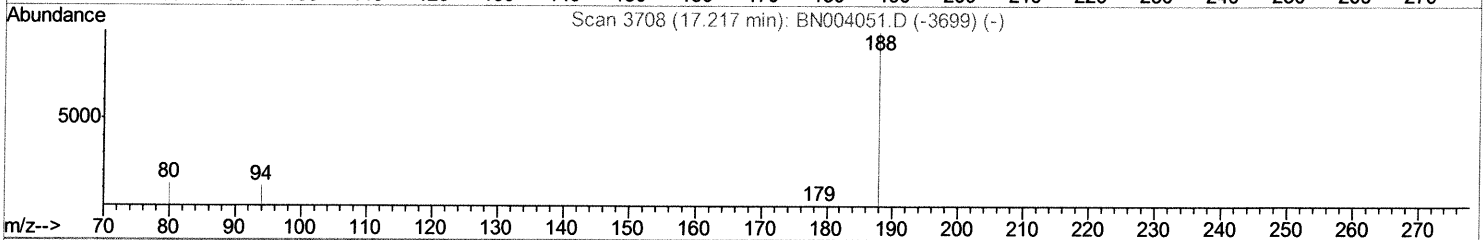
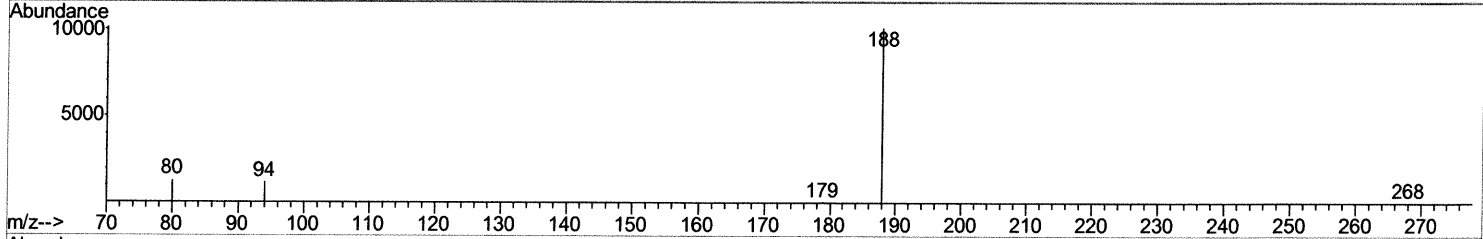
Manual Integrations
 APPROVED

Quant Time: Dec 18 11:34:45 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 06:35:27 2018
 Response via : Initial Calibration

Sohil



12/18/2018 5:57:25 PM



TIC: BN004067.D

(10) Phenanthrene-d10 (I)

17.217min (+0.000) 0.40ng/ul m

response 13848

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.86
80.00	11.60	12.95
0.00	0.00	0.00

> 55
 12/18/18

Quantitation Report (Qedit)

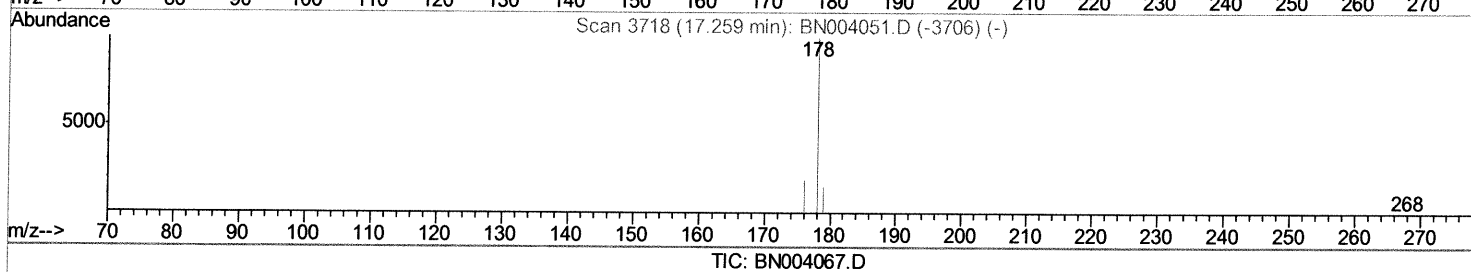
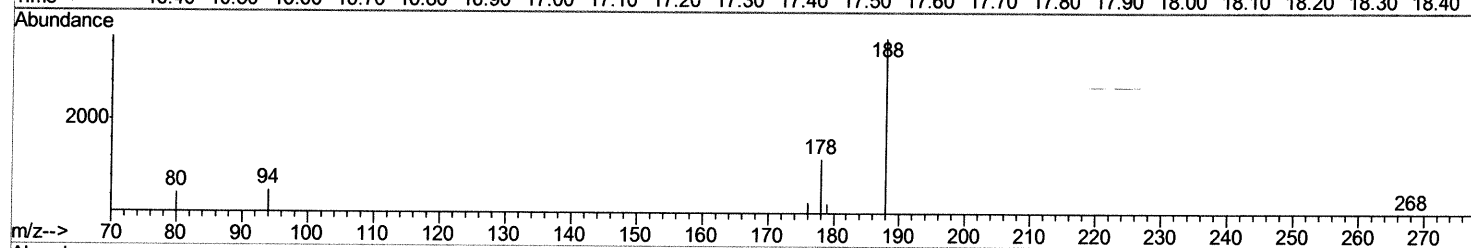
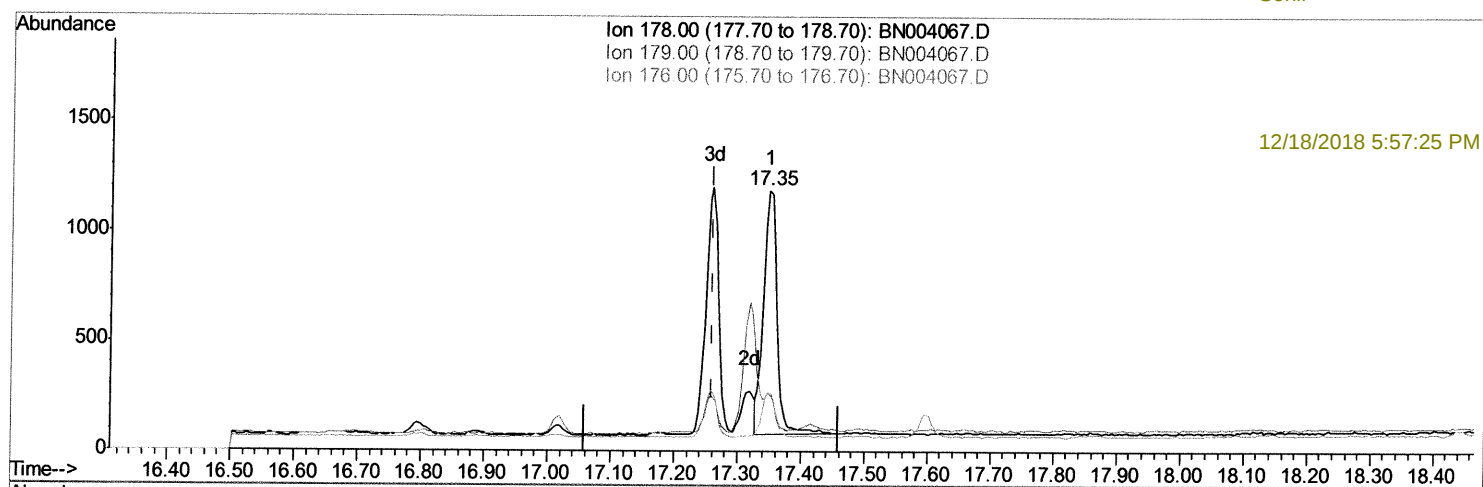
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
Data File : BN004067.D
Acq On : 18 Dec 2018 09:39
Operator : JU/SJ
Sample : J6270-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E14

Manual Integrations
APPROVED

Quant Time: Dec 18 11:35:31 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

Sohil



(12) Phenanthrene

17.348min (+0.089) 0.04ng/ul

response 1664

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	22.09#
176.00	18.70	22.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

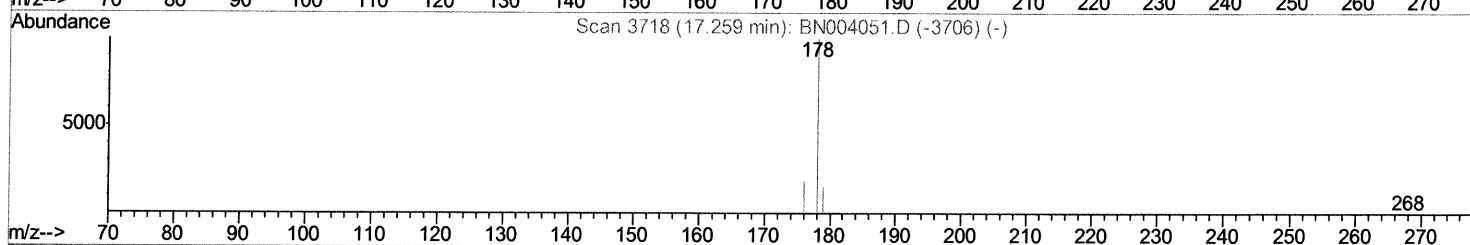
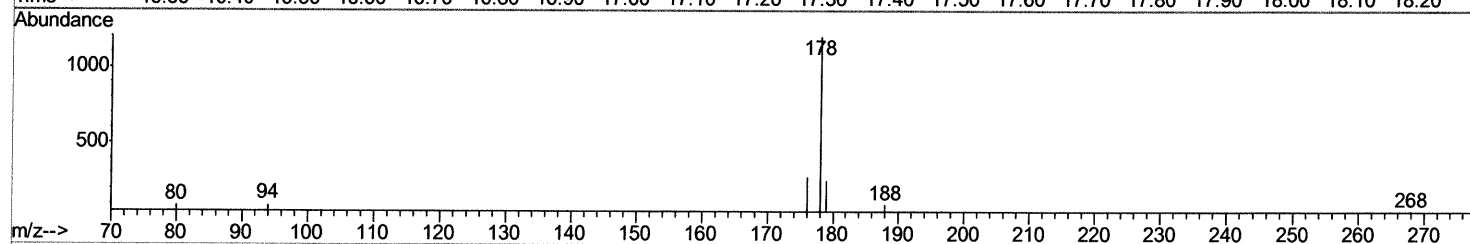
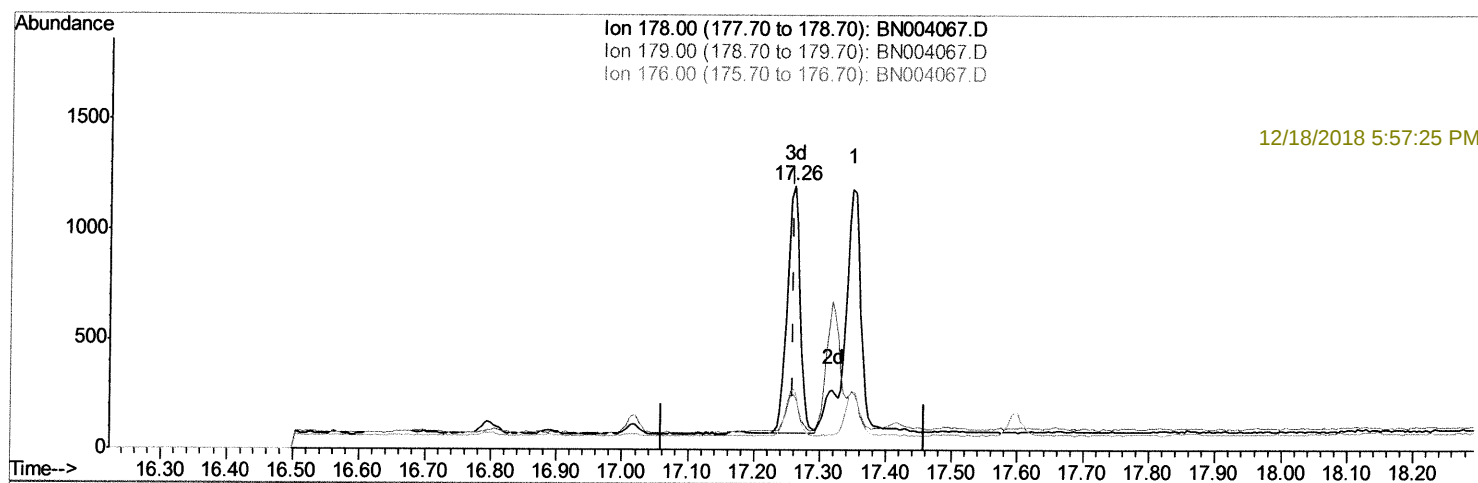
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
Data File : BN004067.D
Acq On : 18 Dec 2018 09:39
Operator : JU/SJ
Sample : J6270-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E14

Manual Integrations
APPROVED

Quant Time: Dec 18 11:35:31 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

Sohil



TIC: BN004067.D

(12) Phenanthrene

17.259min (+0.000) 0.03ng/ul m

response 1562

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	21.13#
176.00	18.70	23.04#
0.00	0.00	0.00

> 53
12/18/18

Quantitation Report (Qedit)

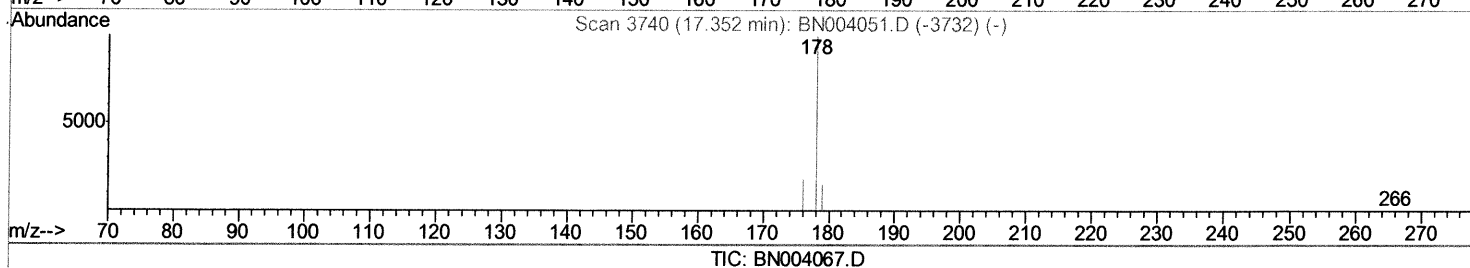
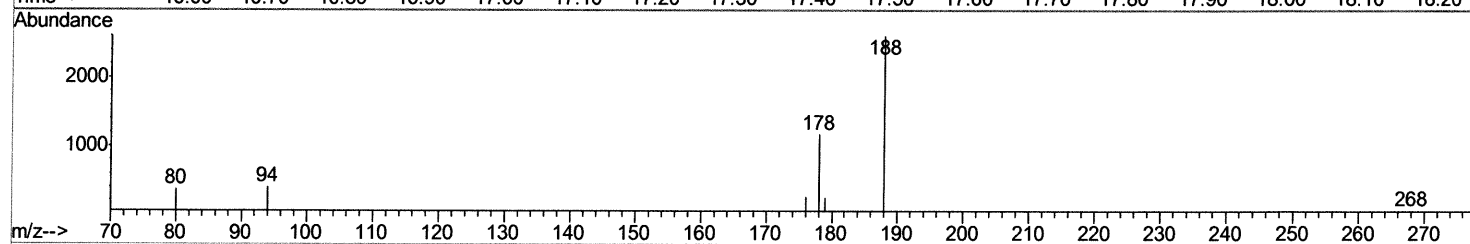
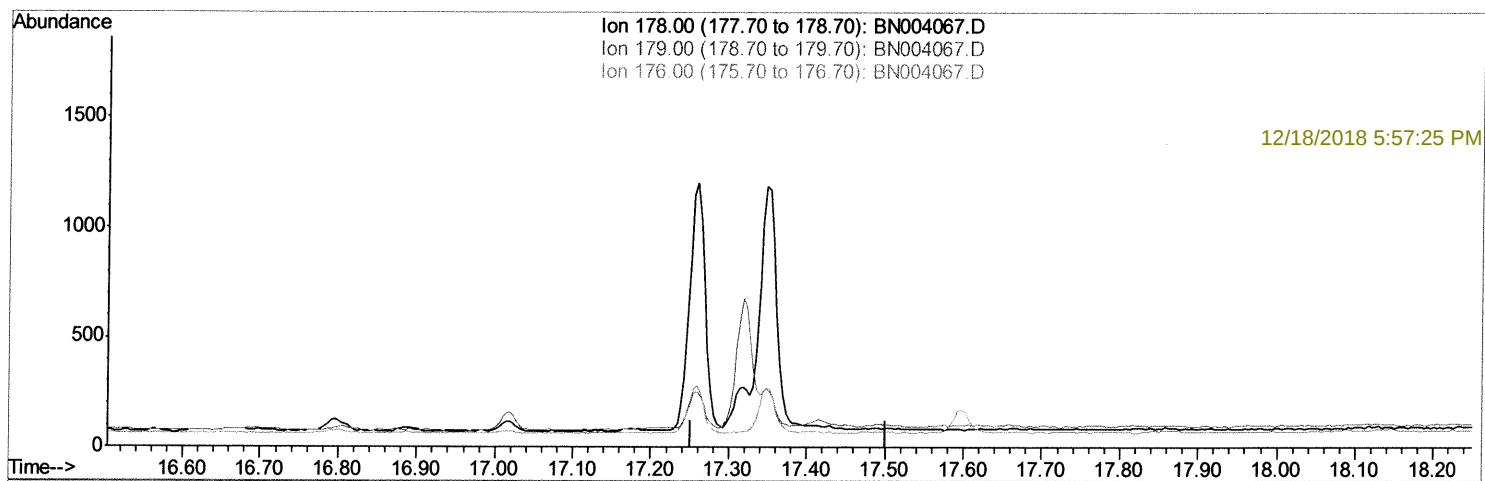
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
Data File : BN004067.D
Acq On : 18 Dec 2018 09:39
Operator : JU/SJ
Sample : J6270-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E14

Manual Integrations
APPROVED

Quant Time: Dec 18 11:35:31 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

Sohil



(13) Anthracene

17.352min (-17.352) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

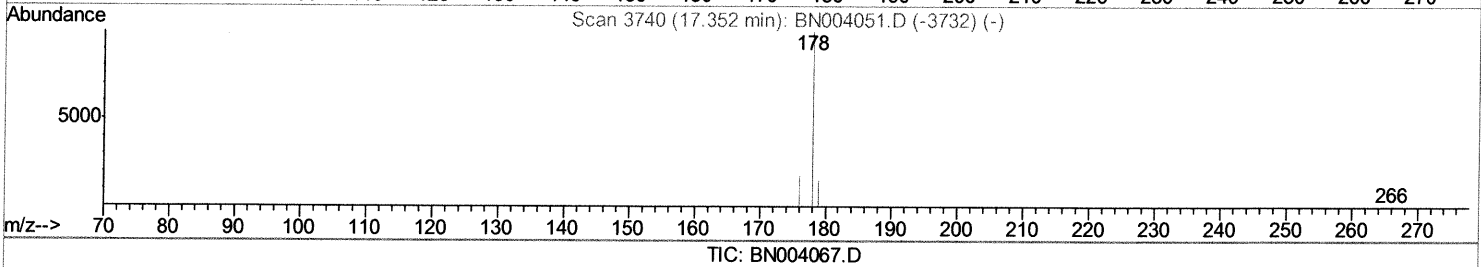
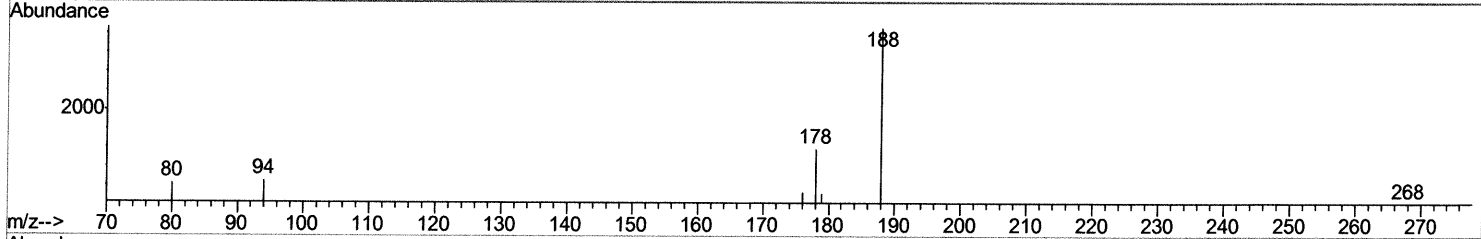
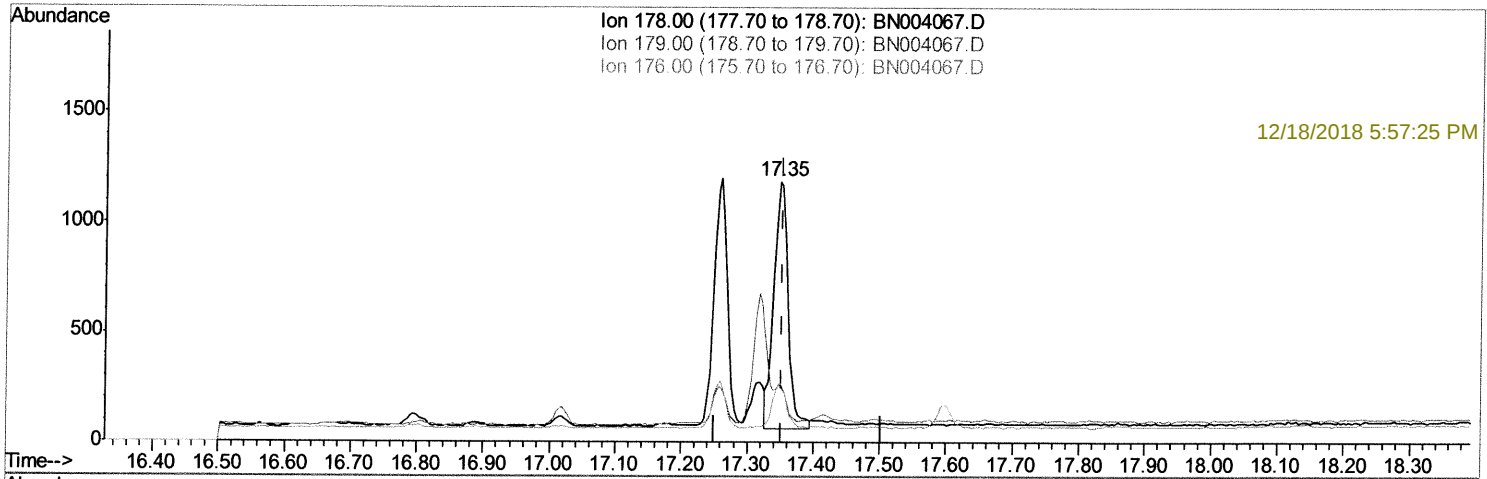
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
 Data File : BN004067.D
 Acq On : 18 Dec 2018 09:39
 Operator : JU/SJ
 Sample : J6270-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E14

Manual Integrations
 APPROVED

Quant Time: Dec 18 11:35:31 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 : Tue Dec 18 06:35:27 2018
 Response via : Initial Calibration

Sohil



(13) Anthracene

17.348min (-0.004) 0.05ng/ul m

response 1701

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	22.09#
176.00	18.50	22.77#
0.00	0.00	0.00

> 53
 12/18/18

Quantitation Report (Qedit)

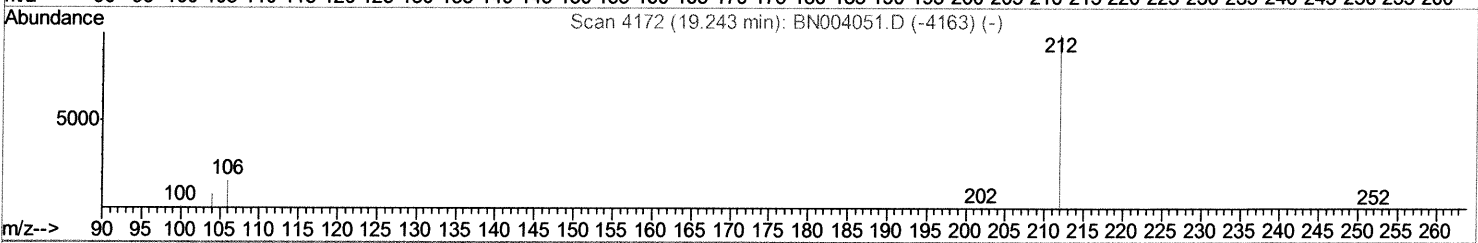
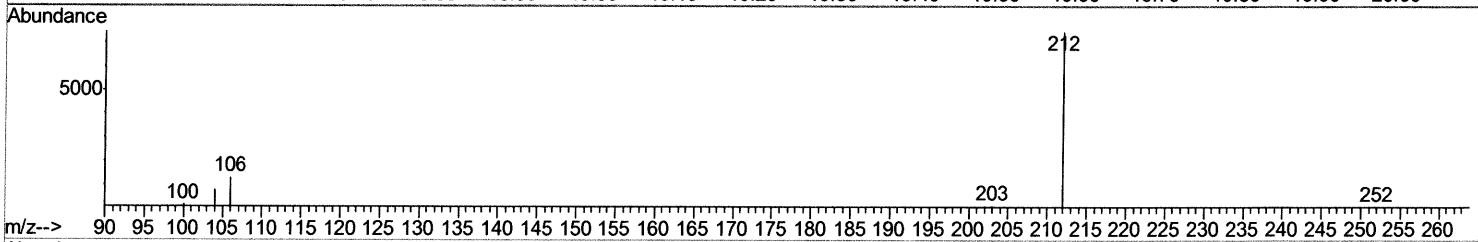
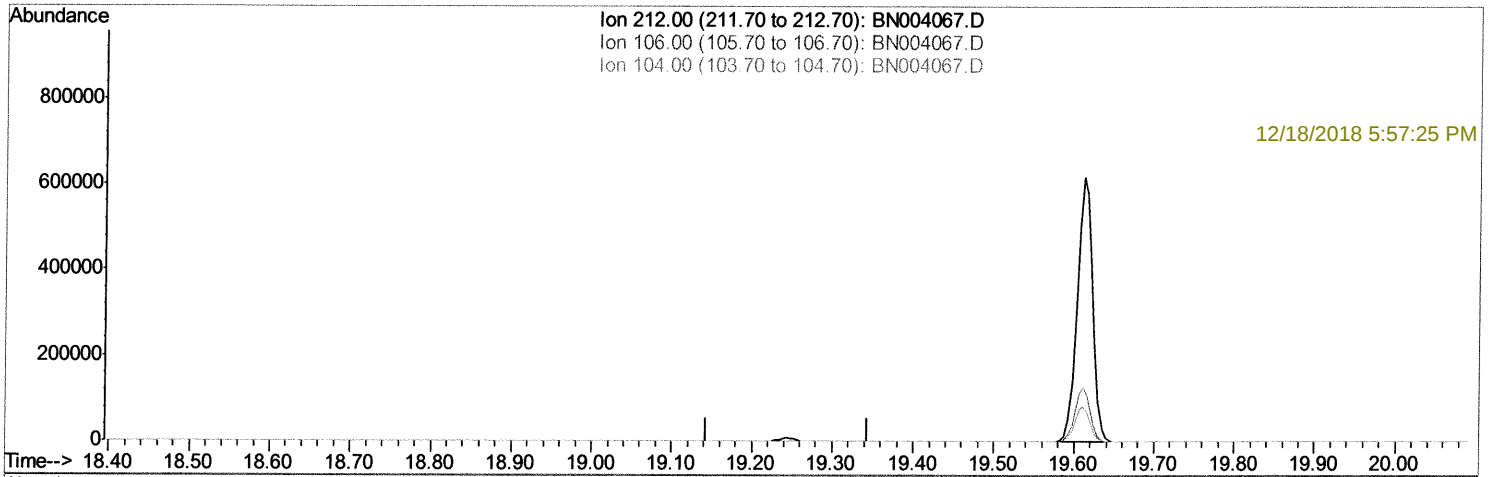
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
 Data File : BN004067.D
 Acq On : 18 Dec 2018 09:39
 Operator : JU/SJ
 Sample : J6270-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E14

Manual Integrations
 APPROVED

Quant Time: Dec 18 11:35:31 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 : Tue Dec 18 06:35:27 2018
 Response via : Initial Calibration

Sohil



TIC: BN004067.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

Quantitation Report (Qedit)

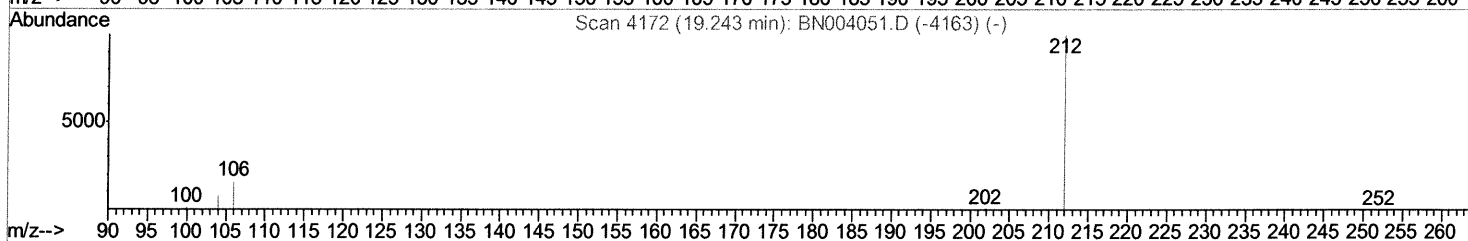
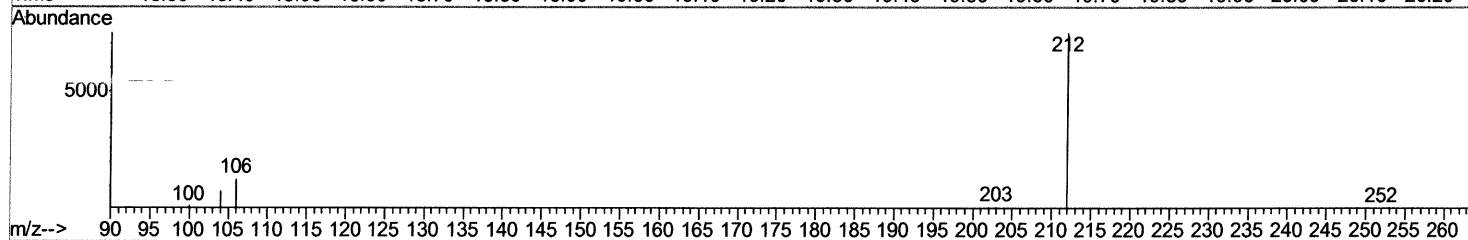
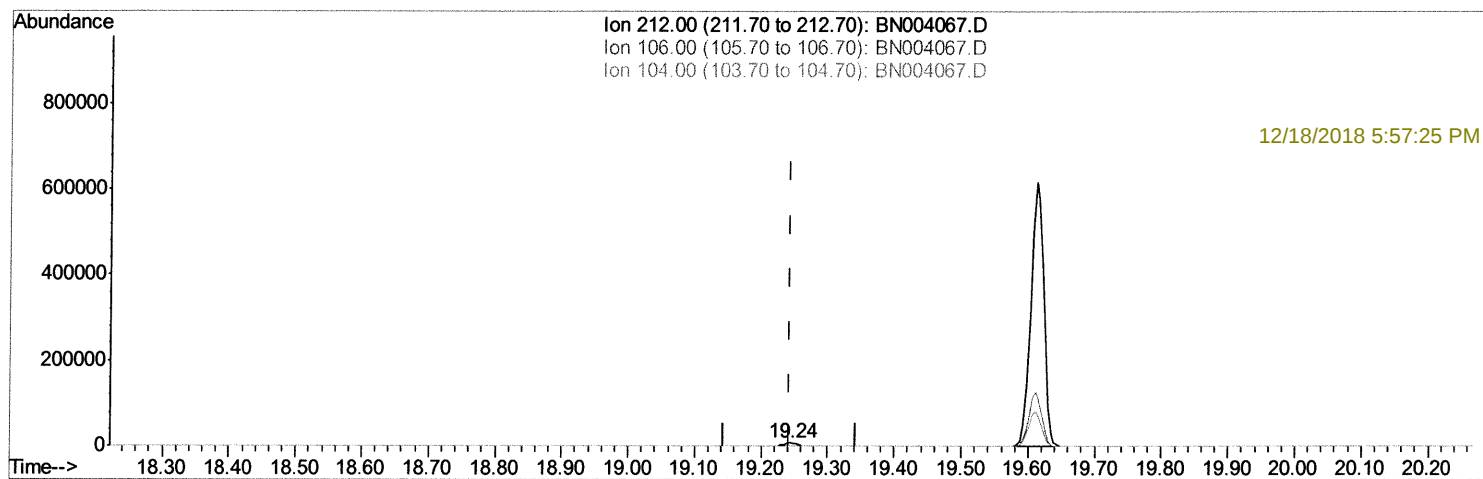
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
Data File : BN004067.D
Acq On : 18 Dec 2018 09:39
Operator : JU/SJ
Sample : J6270-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E14

Manual Integrations
APPROVED

Quant Time: Dec 18 11:35:31 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

Sohil



TIC: BN004067.D

(14) Fluoranthene-d10 (SURR)

19.244min (+0.000) 0.24ng/ul m

response 9727

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

> 55
12/18/18

Quantitation Report (Qedit)

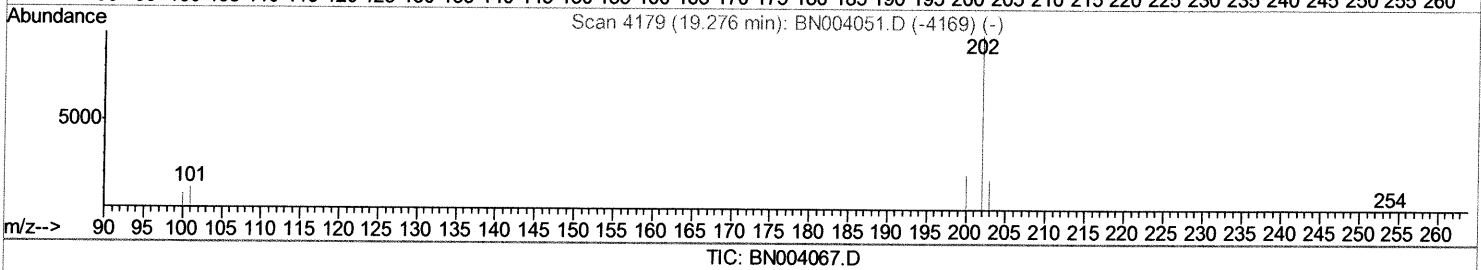
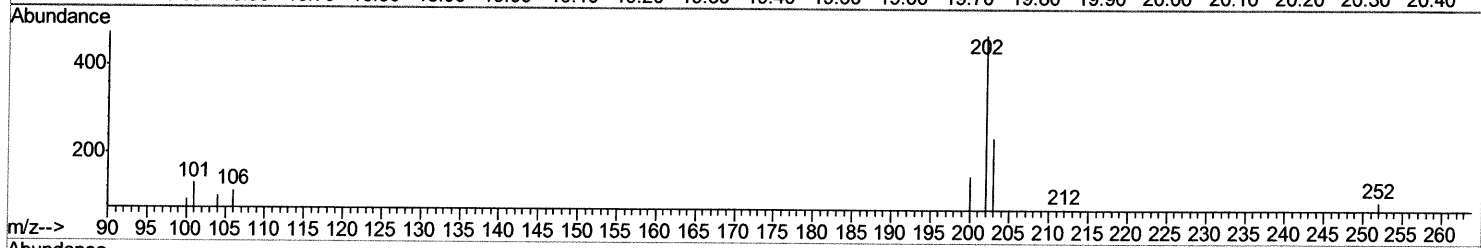
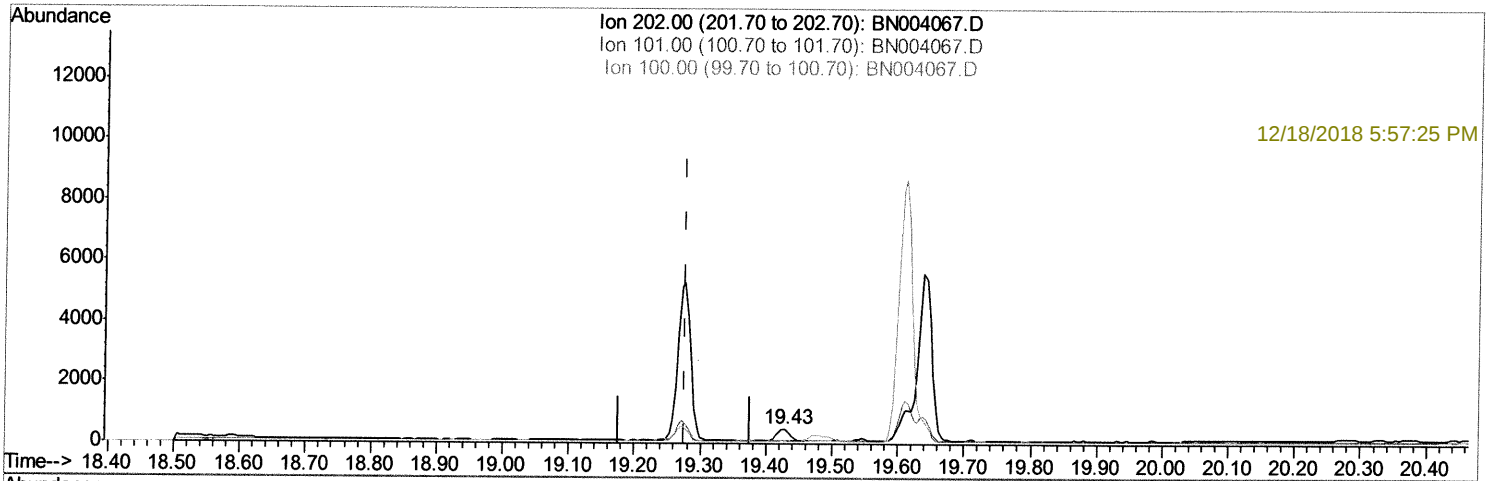
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
 Data File : BN004067.D
 Acq On : 18 Dec 2018 09:39
 Operator : JU/SJ
 Sample : J6270-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E14

Manual Integrations
 APPROVED

Quant Time: Dec 18 11:35:31 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 : Tue Dec 18 06:35:27 2018
 Response via : Initial Calibration

Sohil



TIC: BN004067.D

(15) Fluoranthene (C)

19.430min (+0.154) 0.01ng/ul

response 493

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	27.58
100.00	8.10	19.58
0.00	0.00	0.00

Quantitation Report (Qedit)

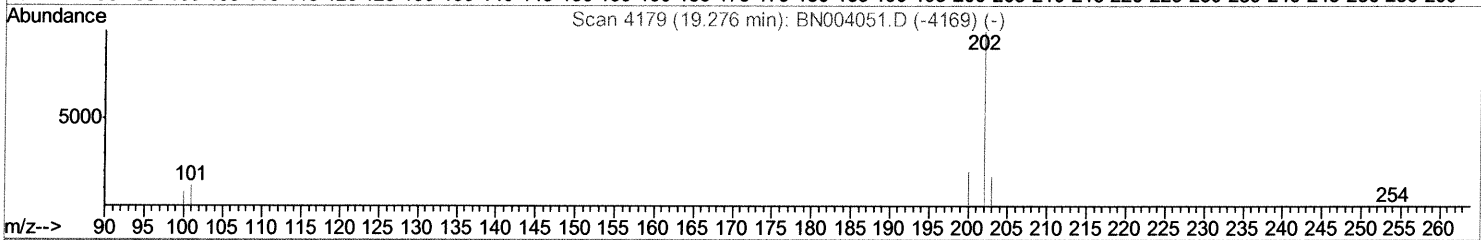
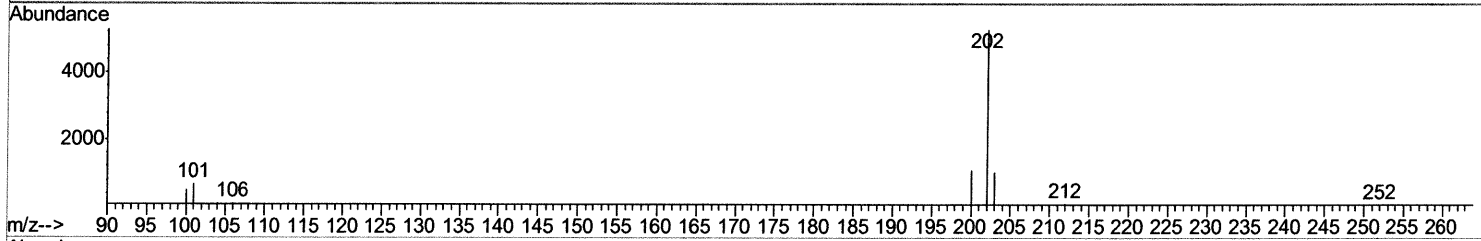
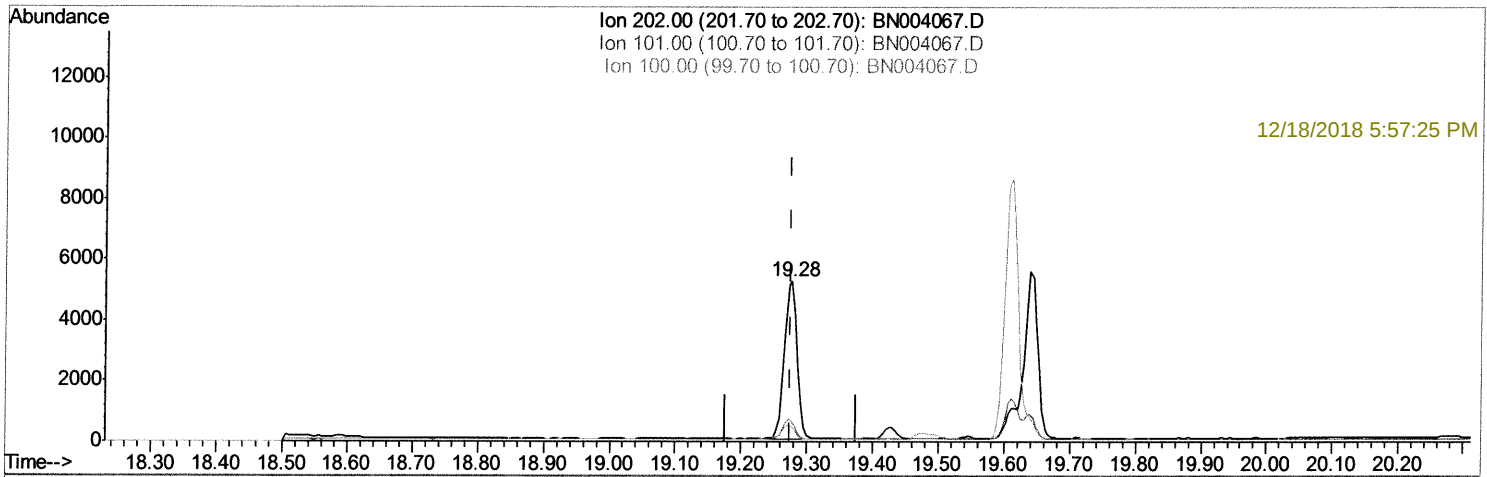
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
 Data File : BN004067.D
 Acq On : 18 Dec 2018 09:39
 Operator : JU/SJ
 Sample : J6270-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E14

Manual Integrations
 APPROVED

Quant Time: Dec 18 11:35:31 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 : Tue Dec 18 06:35:27 2018
 Response via : Initial Calibration

Sohil



TIC: BN004067.D

(15) Fluoranthene (C)

19.276min (+0.000) 0.13ng/ul m

response 6898

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	12.98
100.00	8.10	9.56
0.00	0.00	0.00

> SJ
 12/18/18

Quantitation Report (Qedit)

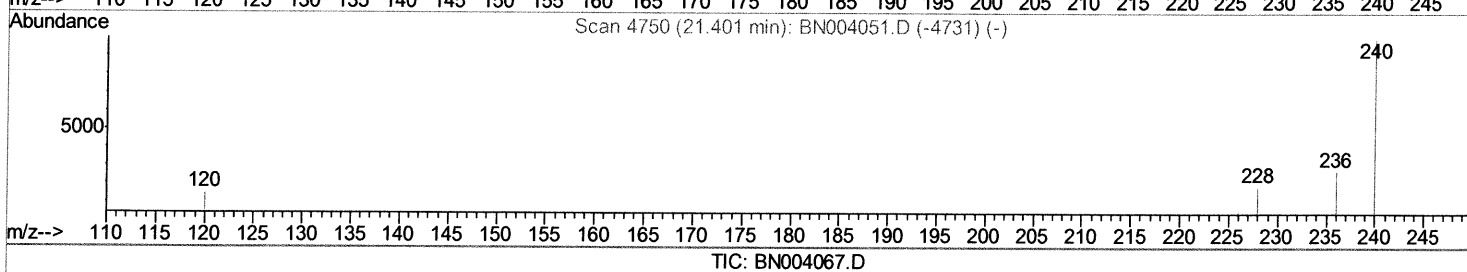
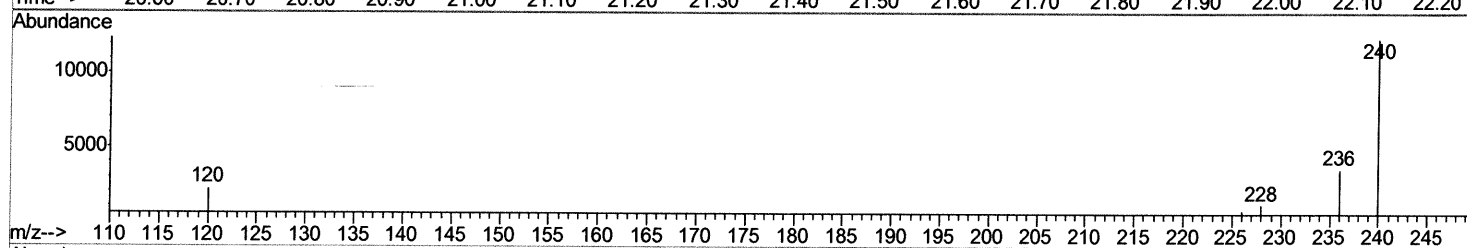
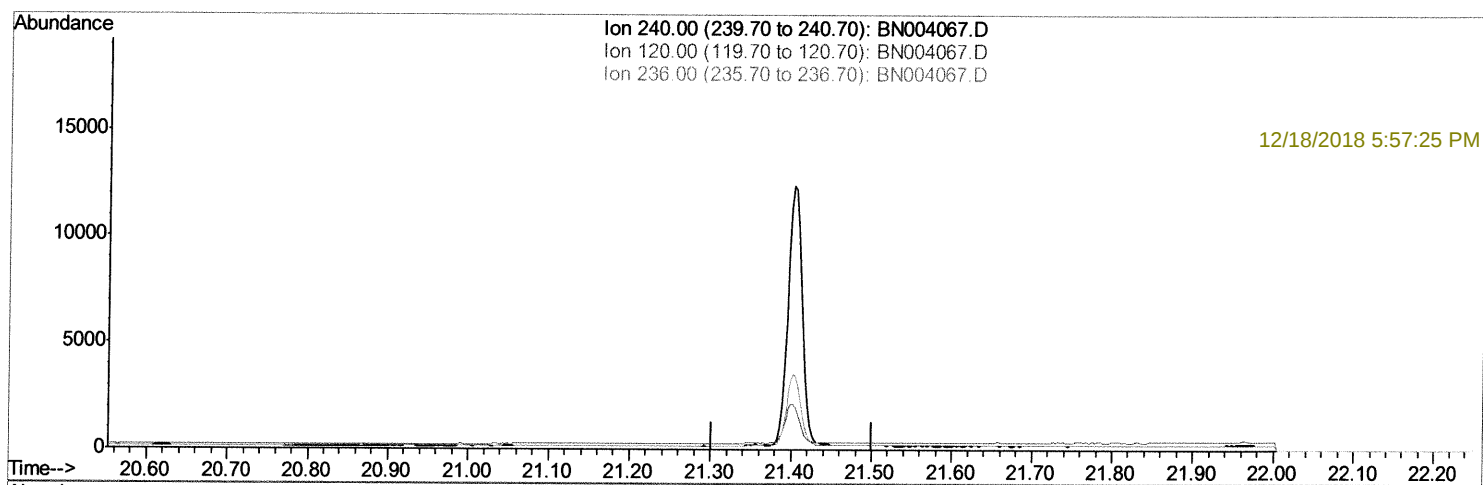
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
Data File : BN004067.D
Acq On : 18 Dec 2018 09:39
Operator : JU/SJ
Sample : J6270-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E14

Manual Integrations
APPROVED

Quant Time: Dec 18 11:35:31 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

Sohil



(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

Quantitation Report (Qedit)

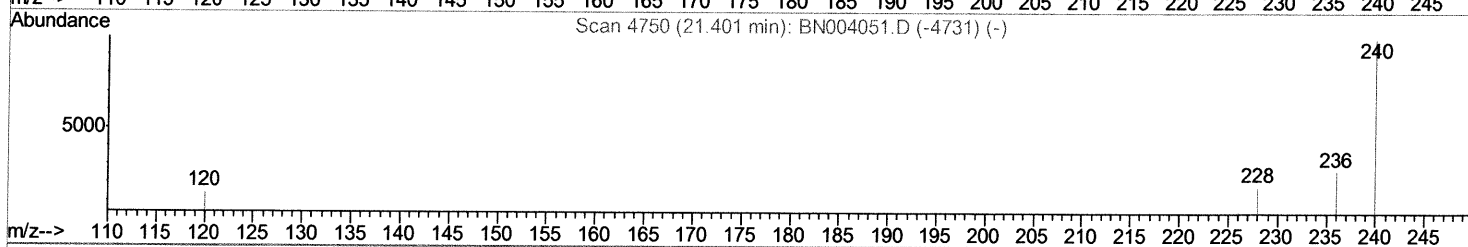
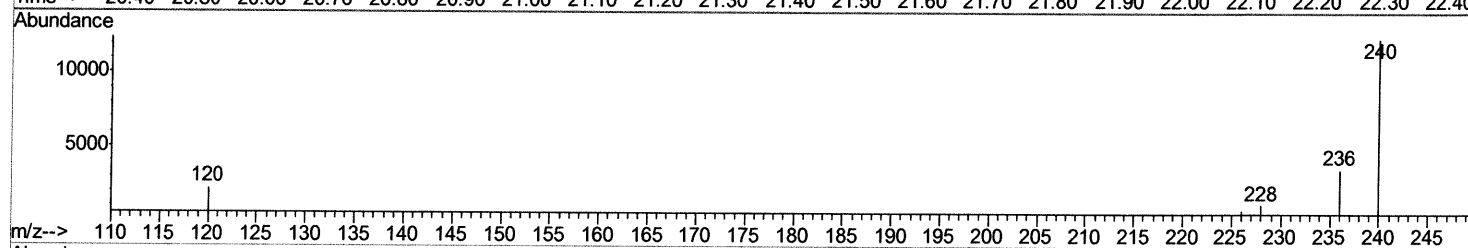
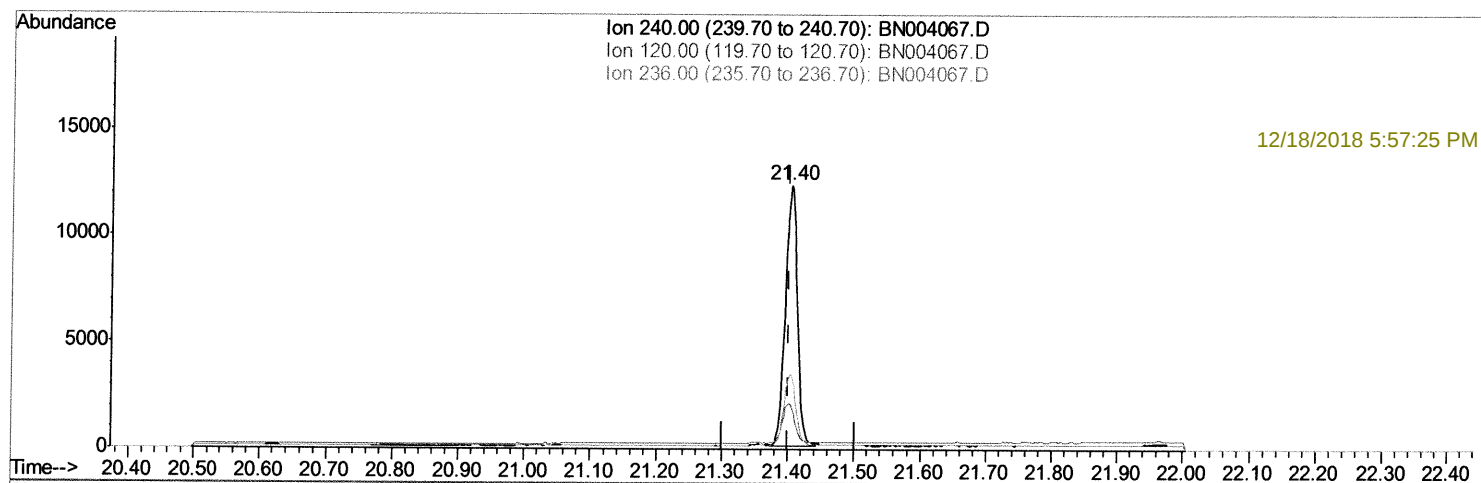
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
Data File : BN004067.D
Acq On : 18 Dec 2018 09:39
Operator : JU/SJ
Sample : J6270-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E14

Manual Integrations
APPROVED

Quant Time: Dec 18 11:35:31 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

Sohil



TIC: BN004067.D

(16) Chrysene-d12 (I)

21.403min (+0.001) 0.40ng/ul m

response 15519

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	17.39#
236.00	27.60	28.56
0.00	0.00	0.00

> SJ
12/18/18

Quantitation Report (Qedit)

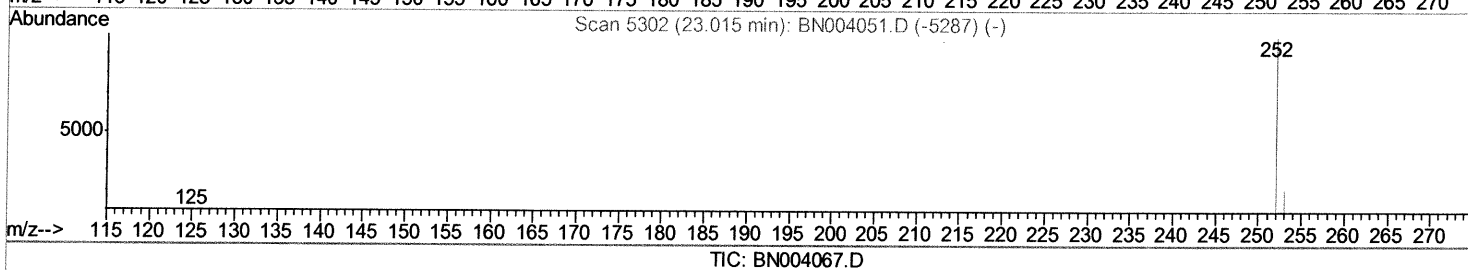
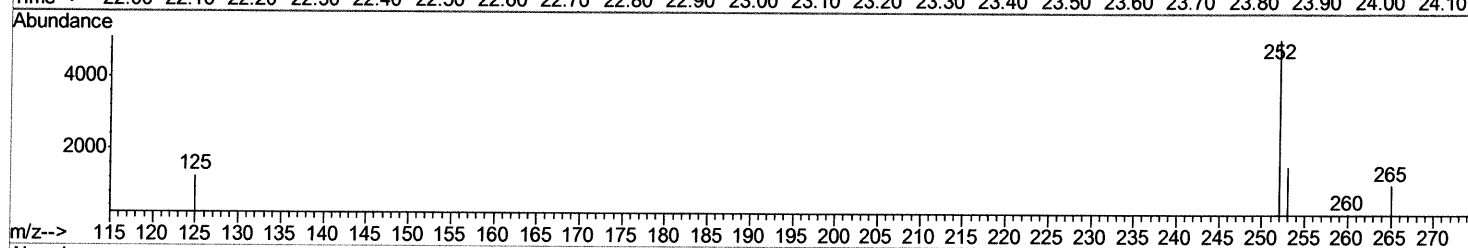
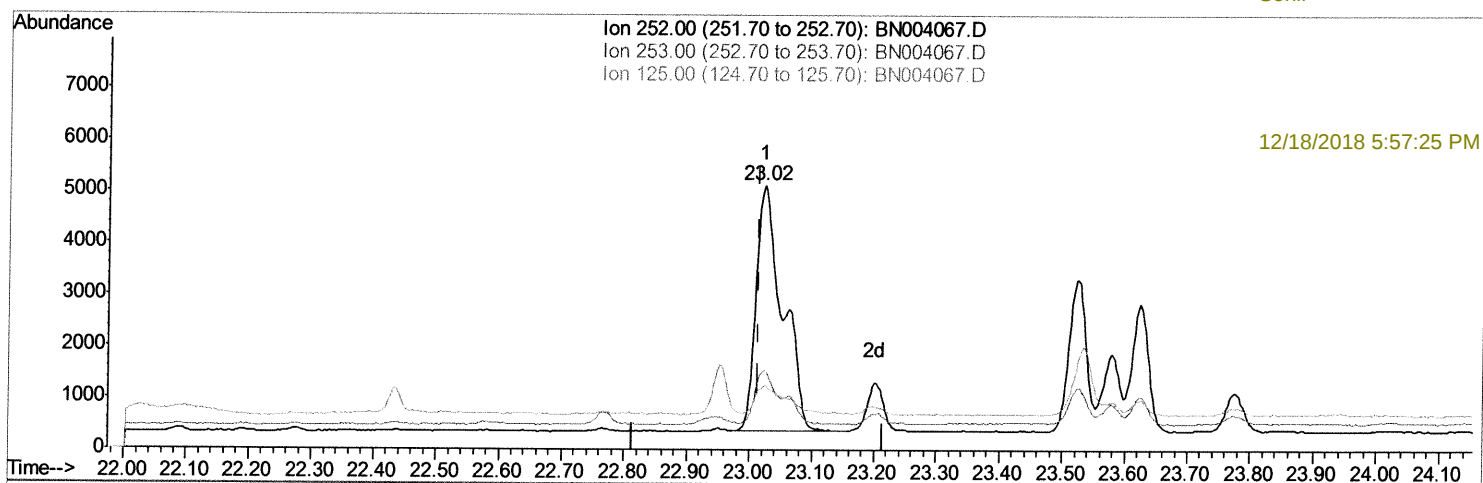
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
 Data File : BN004067.D
 Acq On : 18 Dec 2018 09:39
 Operator : JU/SJ
 Sample : J6270-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E14

Manual Integrations
 APPROVED

Quant Time: Dec 18 11:37:41 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 06:35:27 2018
 Response via : Initial Calibration

Sohil



(21) Benzo(b)fluoranthene
 23.022min (+0.007) 0.22ng/ul
 response 13991

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	30.13
125.00	11.20	24.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

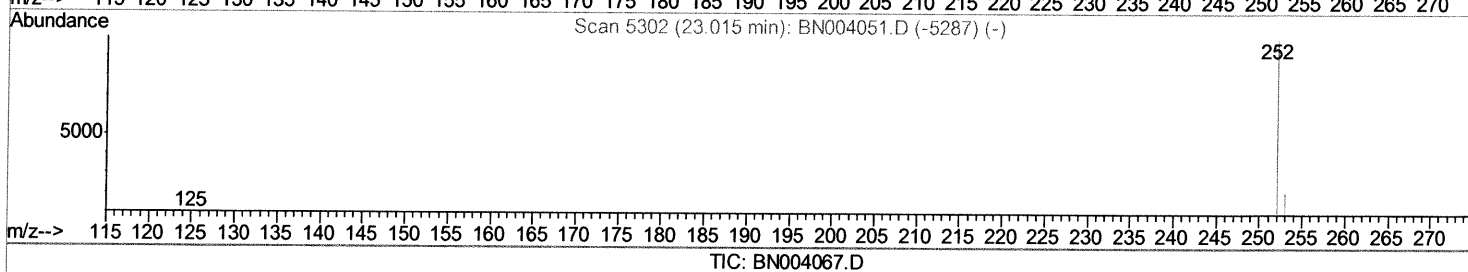
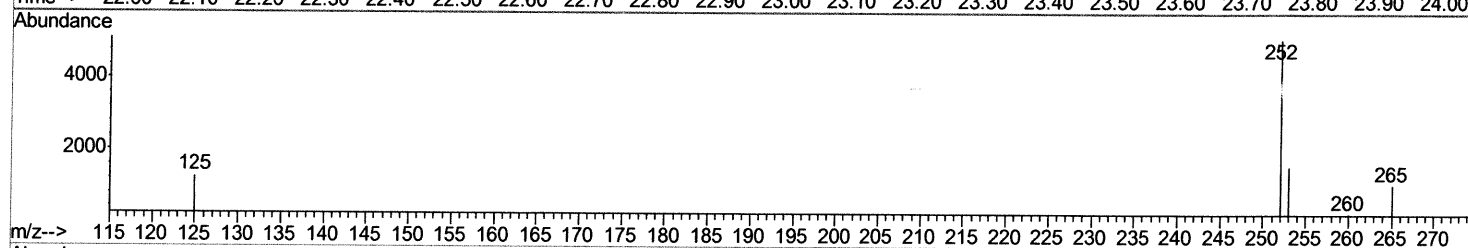
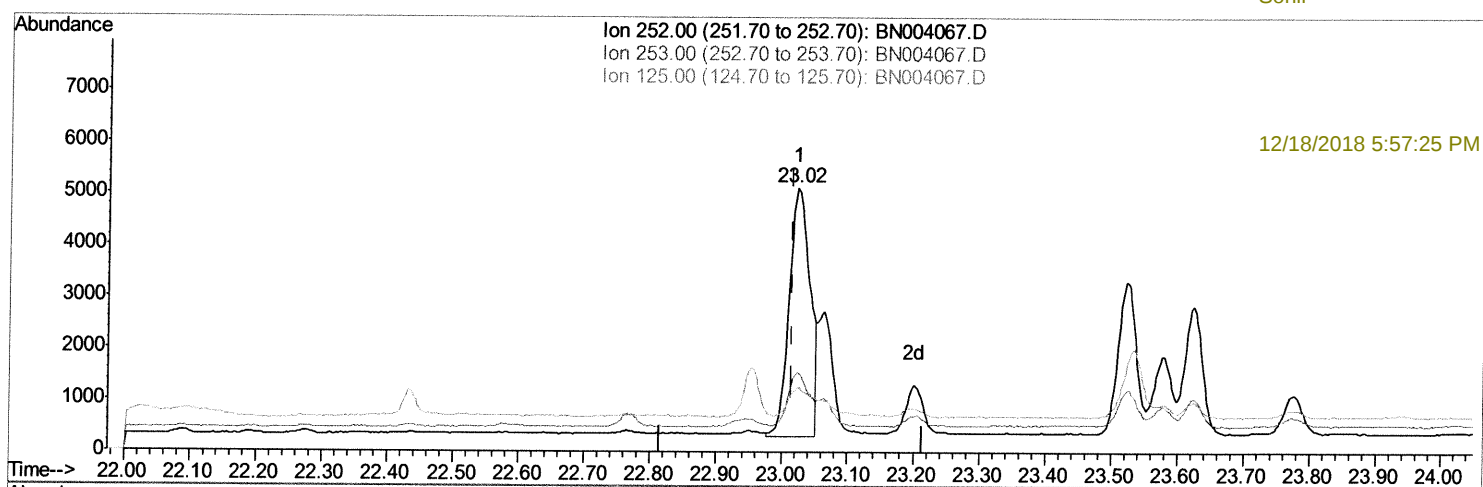
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
Data File : BN004067.D
Acq On : 18 Dec 2018 09:39
Operator : JU/SJ
Sample : J6270-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E14

Manual Integrations
APPROVED

Quant Time: Dec 18 11:37:41 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 06:35:27 2018
Response via : Initial Calibration

Sohil



(21) Benzo(b)fluoranthene

23.022min (+0.007) 0.17ng/ul m

response 10662

Ion	Exp%	Act%
-----	------	------

252.00	100	100
--------	-----	-----

253.00	23.00	30.13
--------	-------	-------

125.00	11.20	24.00#
--------	-------	--------

0.00	0.00	0.00
------	------	------

> 55
12/18/18

Quantitation Report (Qedit)

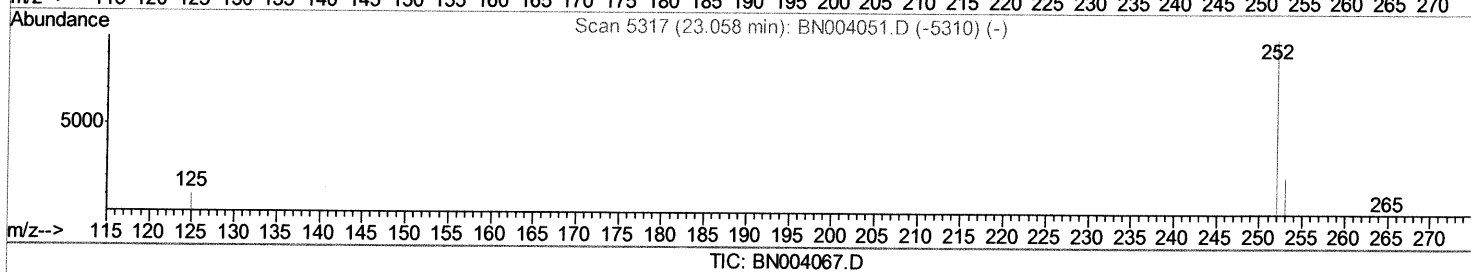
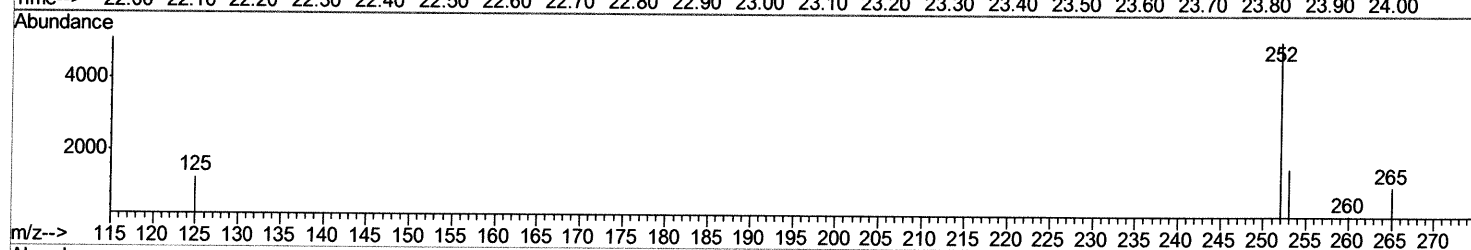
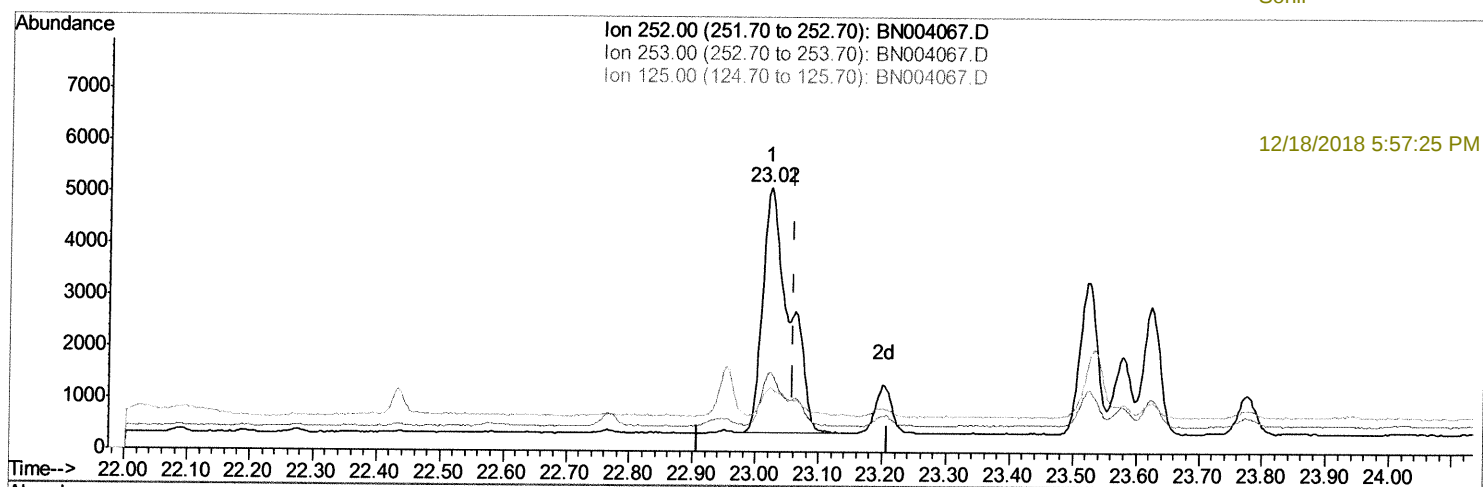
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
Data File : BN004067.D
Acq On : 18 Dec 2018 09:39
Operator : JU/SJ
Sample : J6270-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E14

Manual Integrations
APPROVED

Quant Time: Dec 18 11:37:41 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 06:35:27 2018
Response via : Initial Calibration

Sohil



(22) Benzo(k)fluoranthene

23.022min (-0.037) 0.23ng/ul

response 13979

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	30.13#
125.00	11.30	24.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

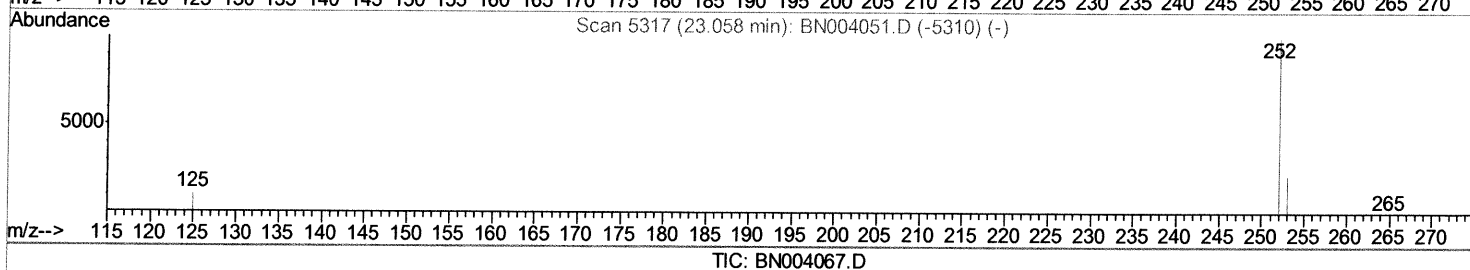
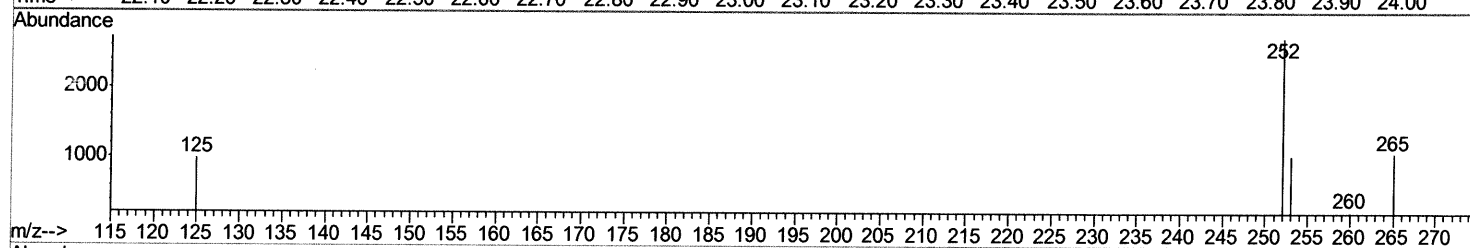
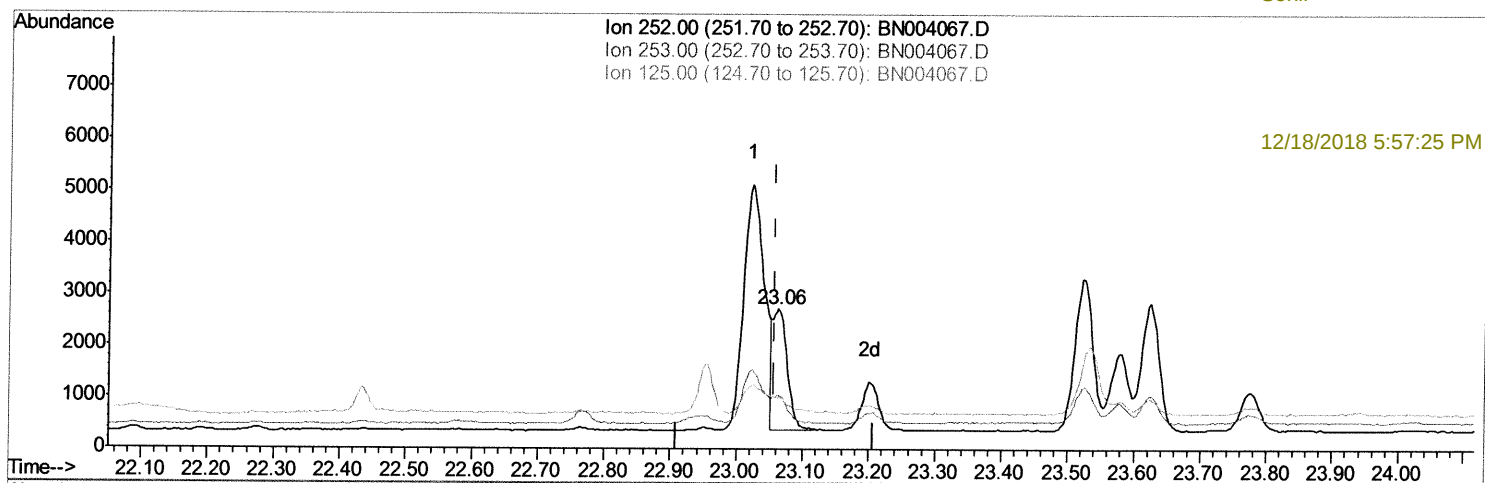
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
Data File : BN004067.D
Acq On : 18 Dec 2018 09:39
Operator : JU/SJ
Sample : J6270-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E14

Manual Integrations
APPROVED

Quant Time: Dec 18 11:37:41 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 06:35:27 2018
Response via : Initial Calibration

Sohil



(22) Benzo(k)fluoranthene

23.063min (+0.004) 0.06ng/ul m

response 3606

Ion	Exp%	Act%
-----	------	------

252.00	100	100
--------	-----	-----

253.00	23.10	38.56#
--------	-------	--------

125.00	11.30	36.24#
--------	-------	--------

0.00	0.00	0.00
------	------	------

> 55
12/18/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121718\
 Data File : BN004067.D
 Acq On : 18 Dec 2018 09:39
 Operator : JU/SJ
 Sample : J6270-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E14

Manual Integrations
 APPROVED

Quant Time: Dec 18 11:39:29 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 06:35:27 2018
 Response via : Initial Calibration

Sohil

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1651	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8435	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5293	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13848m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15519m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	15309	0.40	ng/ul	0.00

12/18/2018 5:57:25 PM

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	2868	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9727m	0.24	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.19	152	1613	0.068	ng/ul#	89
12) Phenanthrene	17.26	178	1562m	0.034	ng/ul	
13) Anthracene	17.35	178	1701m	0.046	ng/ul	
15) Fluoranthene	19.28	202	6898m	0.129	ng/ul	
17) Pyrene	19.64	202	8640	0.155	ng/ul#	92
18) Benzo(a)anthracene	21.39	228	4923	0.100	ng/ul#	87
19) Chrysene	21.44	228	6133	0.109	ng/ul#	88
21) Benzo(b)fluoranthene	23.02	252	10662m	0.168	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	3606m	0.058	ng/ul	
23) Benzo(a)pyrene	23.62	252	4459	0.081	ng/ul#	63
24) Indeno(1,2,3-cd)pyrene	26.09	276	4530	0.072	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.08	278	1299	0.026	ng/ul#	1
26) Benzo(g,h,i)perylene	26.82	276	4944	0.090	ng/ul#	73

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

SJ
 12/18/18