

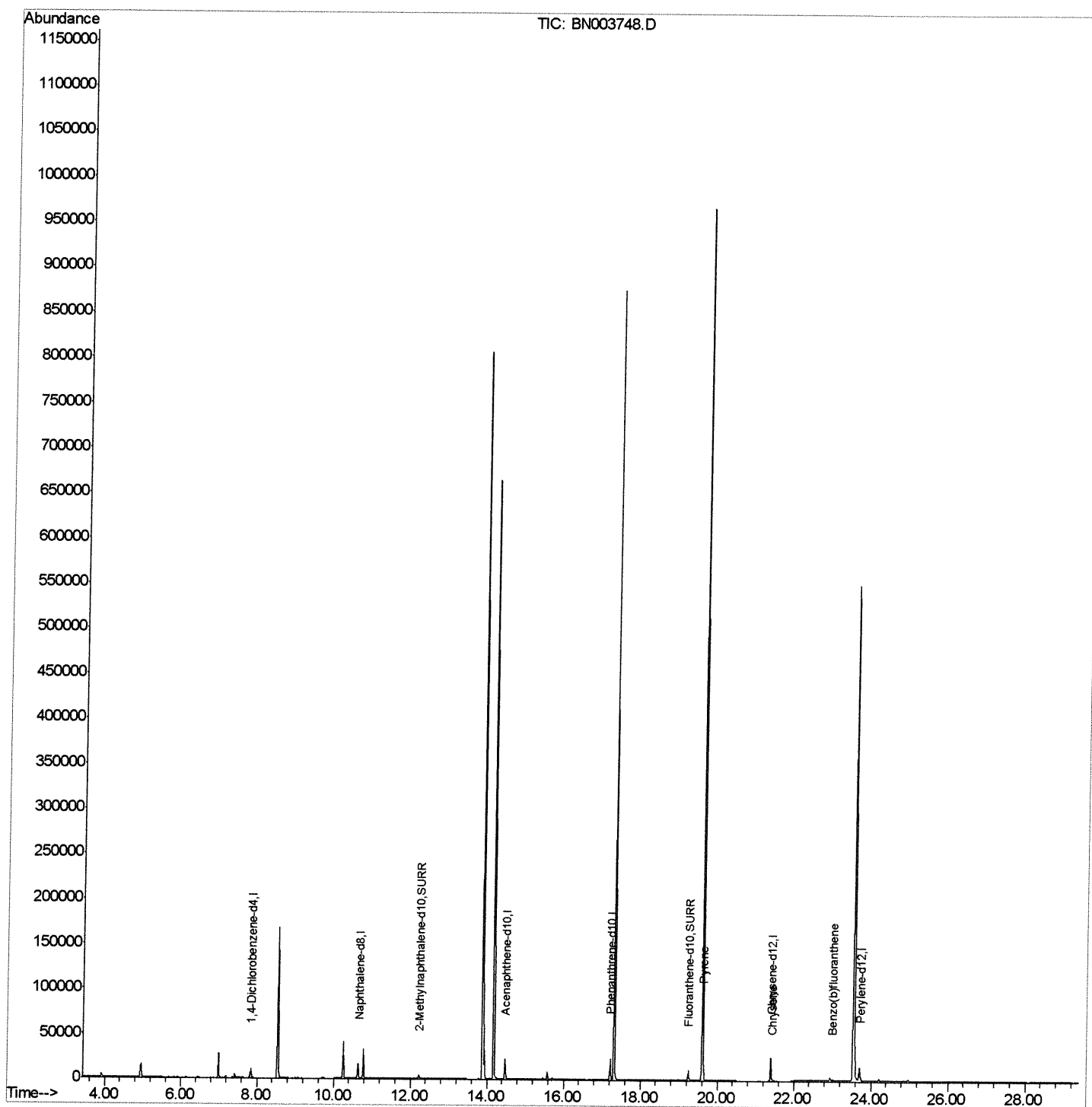
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (QT Reviewed)
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E54

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:49:35 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

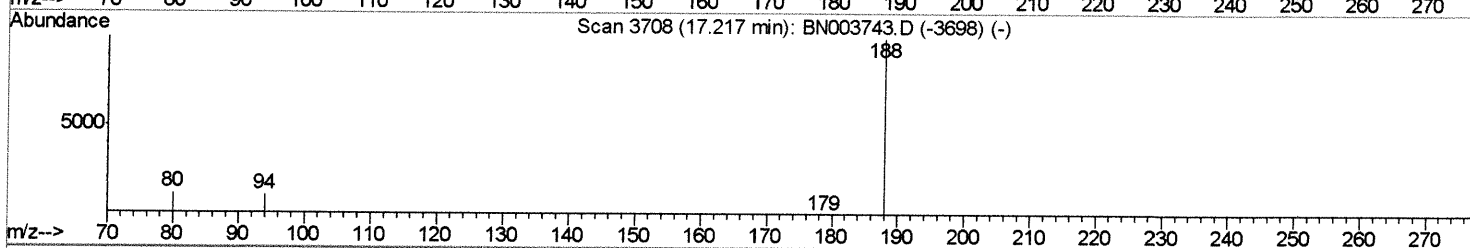
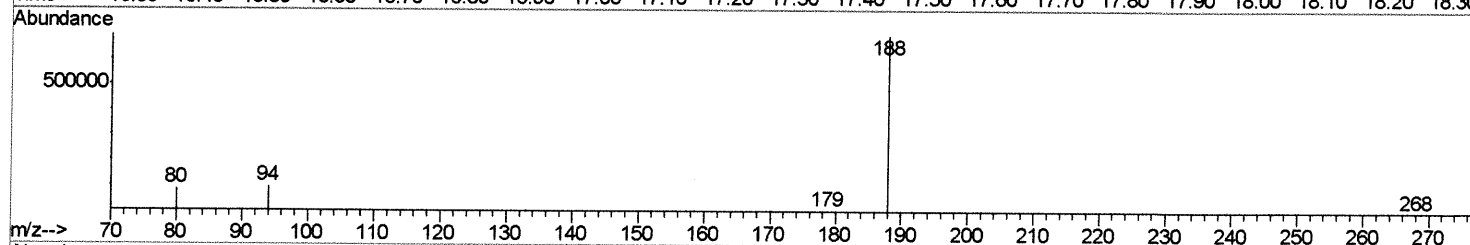
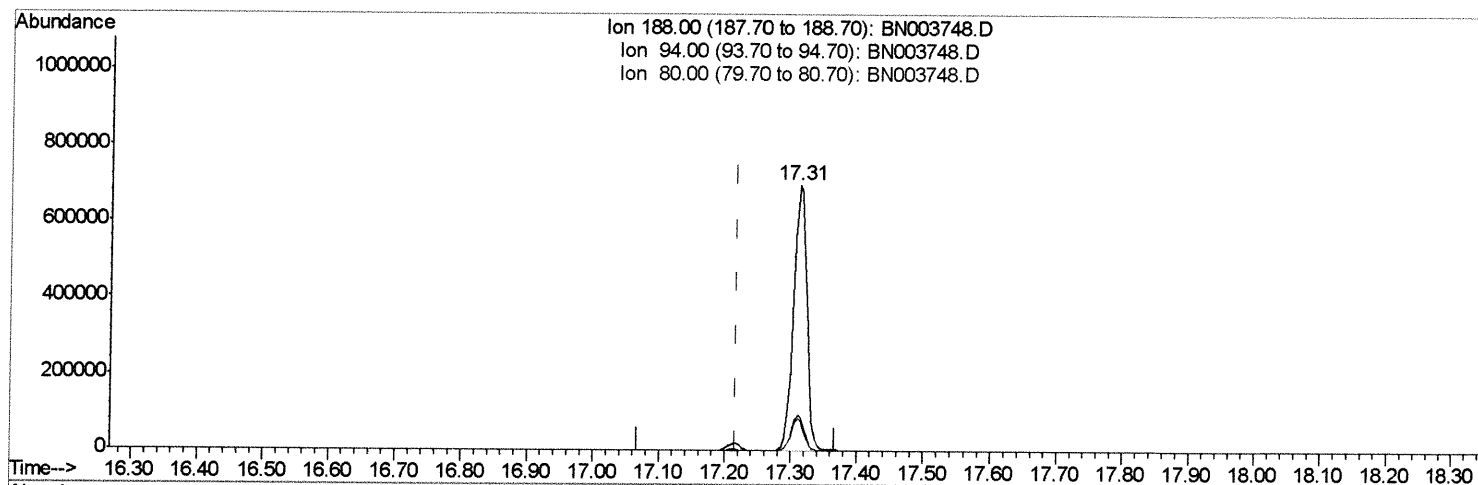
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E54

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:12:46 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003748.D

(10) Phenanthrene-d10 (I)

17.310min (+0.093) 0.40ng/ul

response 969392

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.58#
80.00	11.60	12.18
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

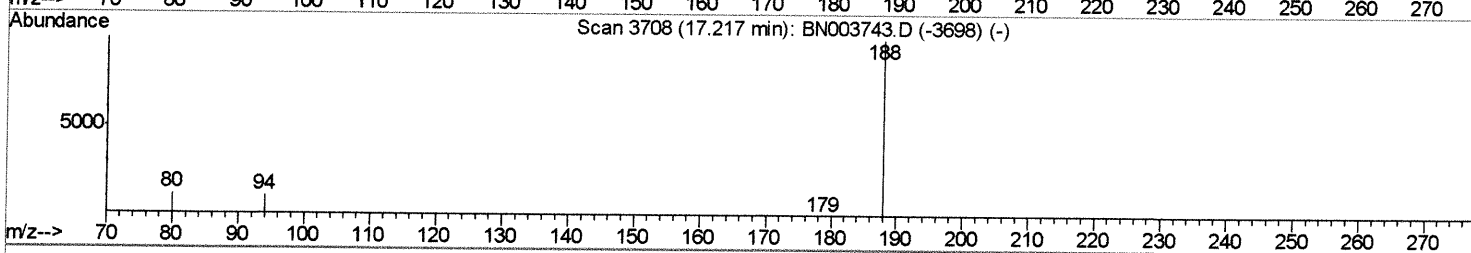
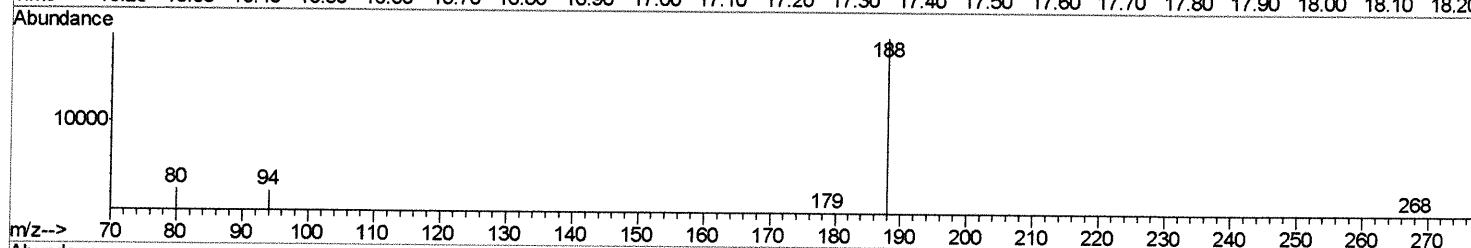
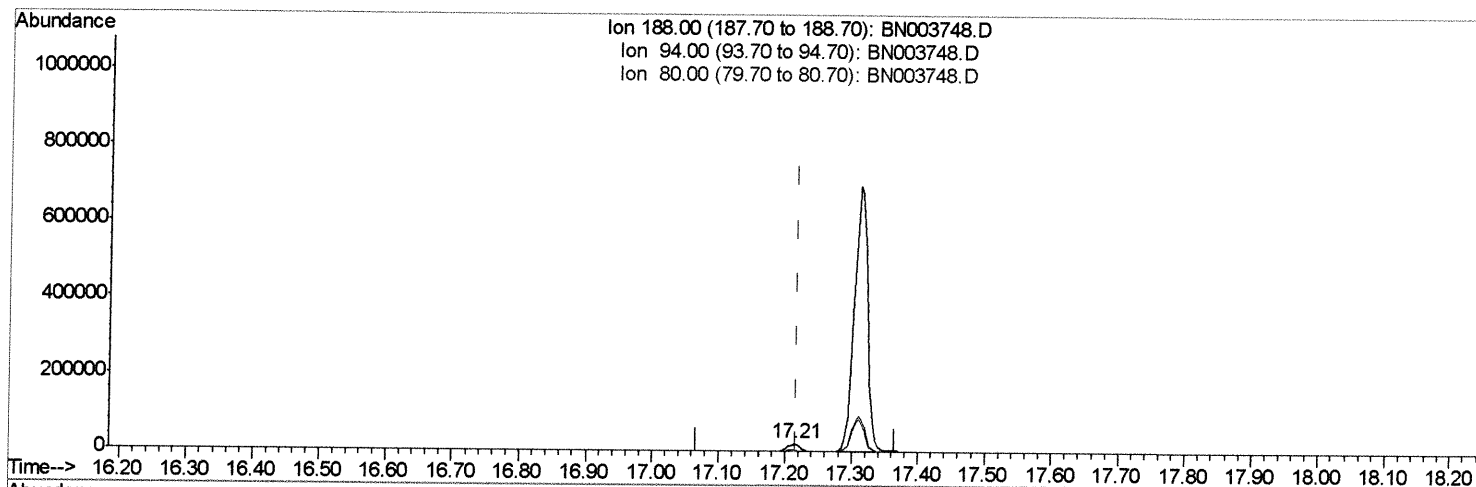
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E54

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:12:46 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003748.D

(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m > $\frac{53}{12/11/18}$
response 26845

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.35
80.00	11.60	12.23
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

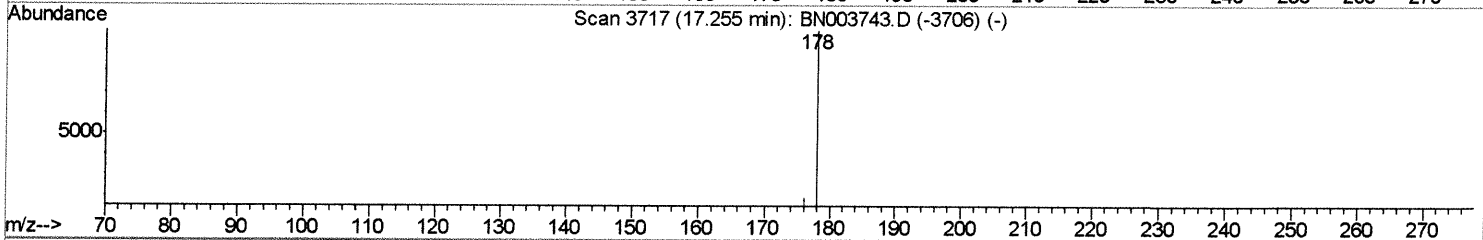
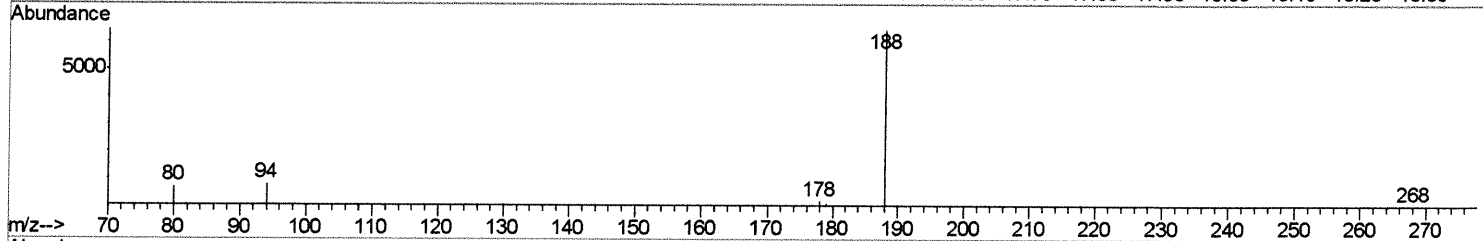
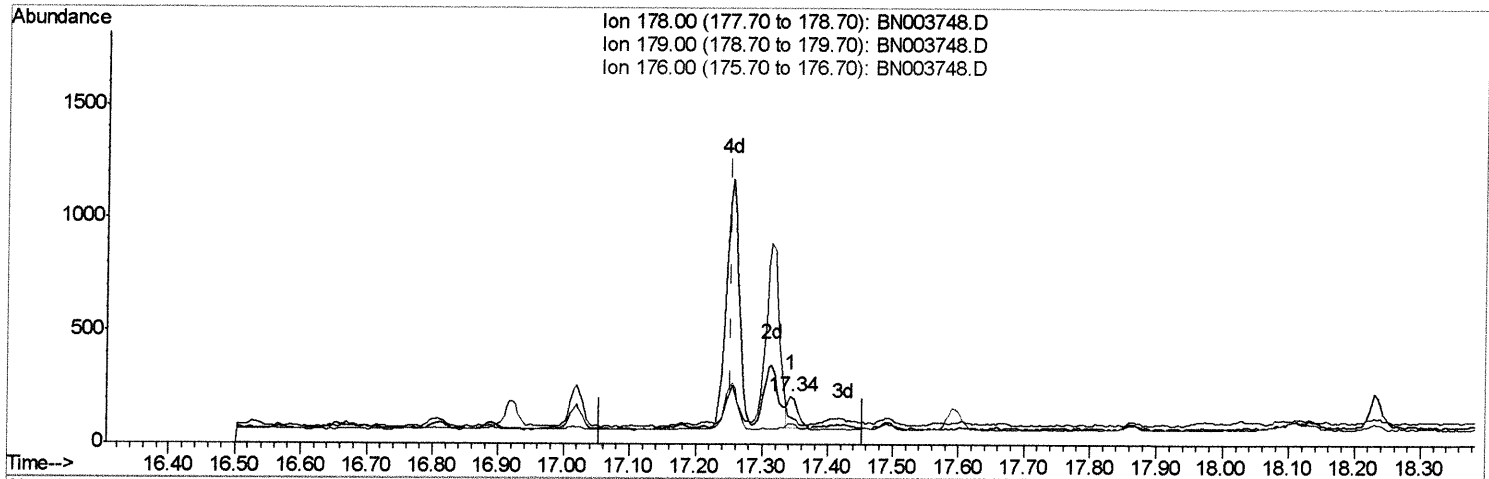
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E54

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:47:18 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003748.D

(12) Phenanthrene

17.343min (+0.089) 0.00ng/ul

response 154

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	57.08#
176.00	18.70	42.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

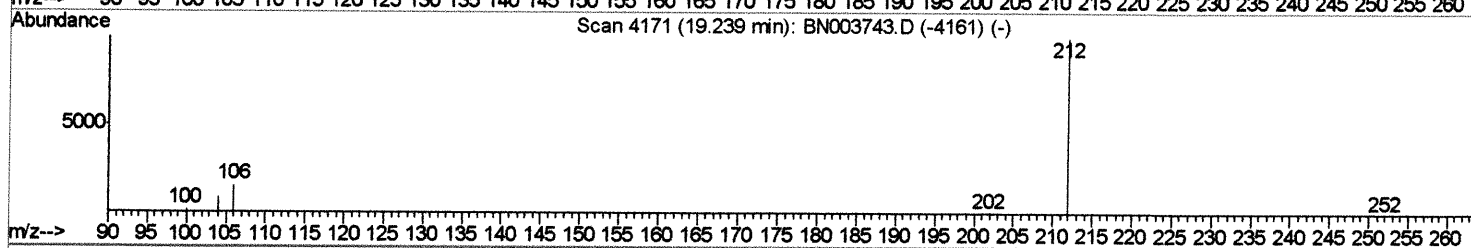
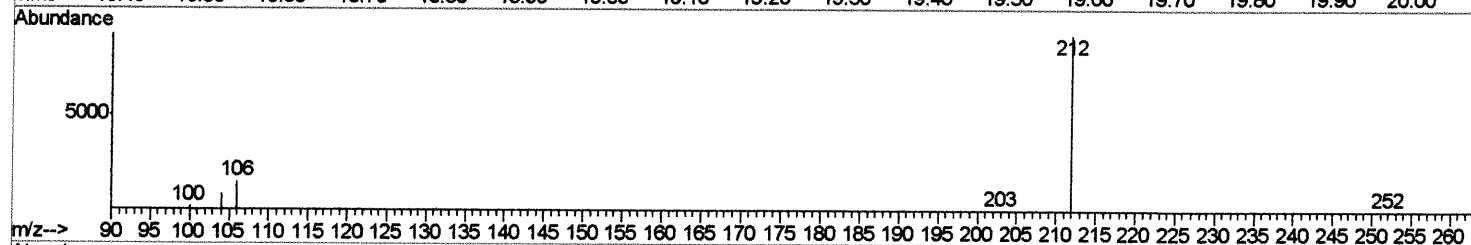
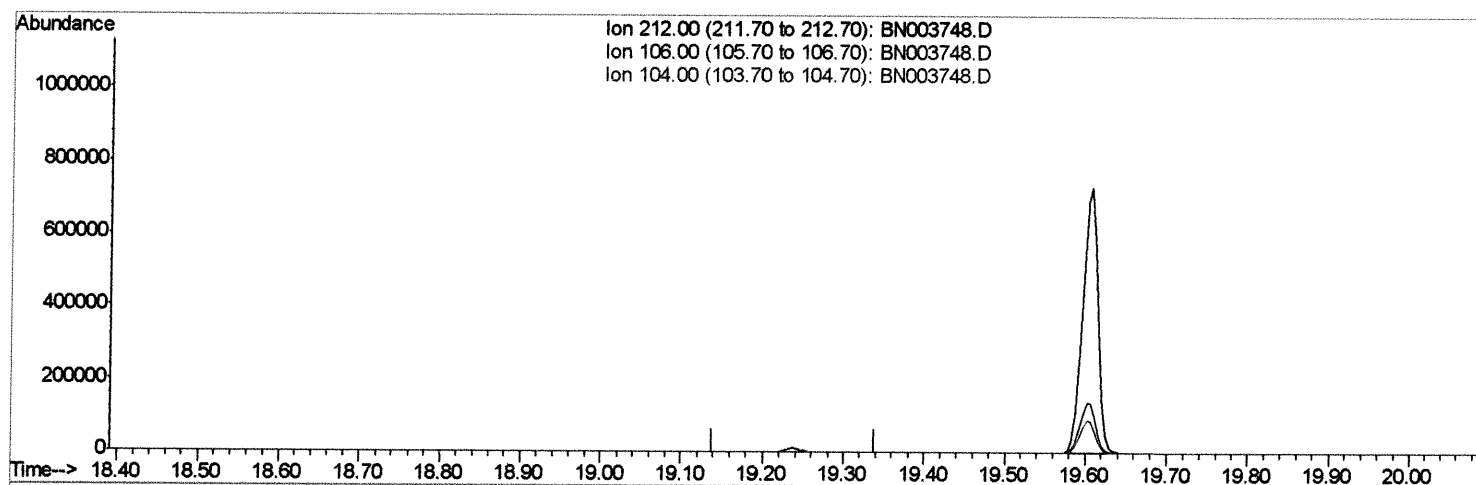
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:47:18 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 : Fri Dec 07 04:08:50 2018
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TIC: BN003748.D

(14) Fluoranthene-d10 (SURR)

19.239min (-19.239) 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\BN120618\
Quantitation Report (Qedit)

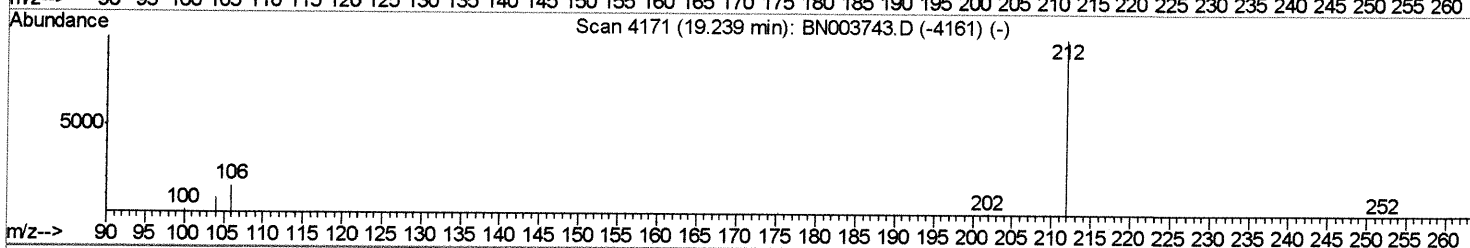
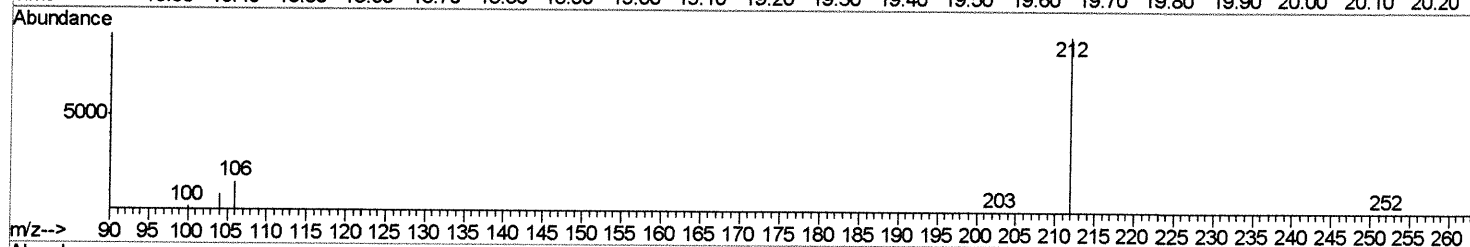
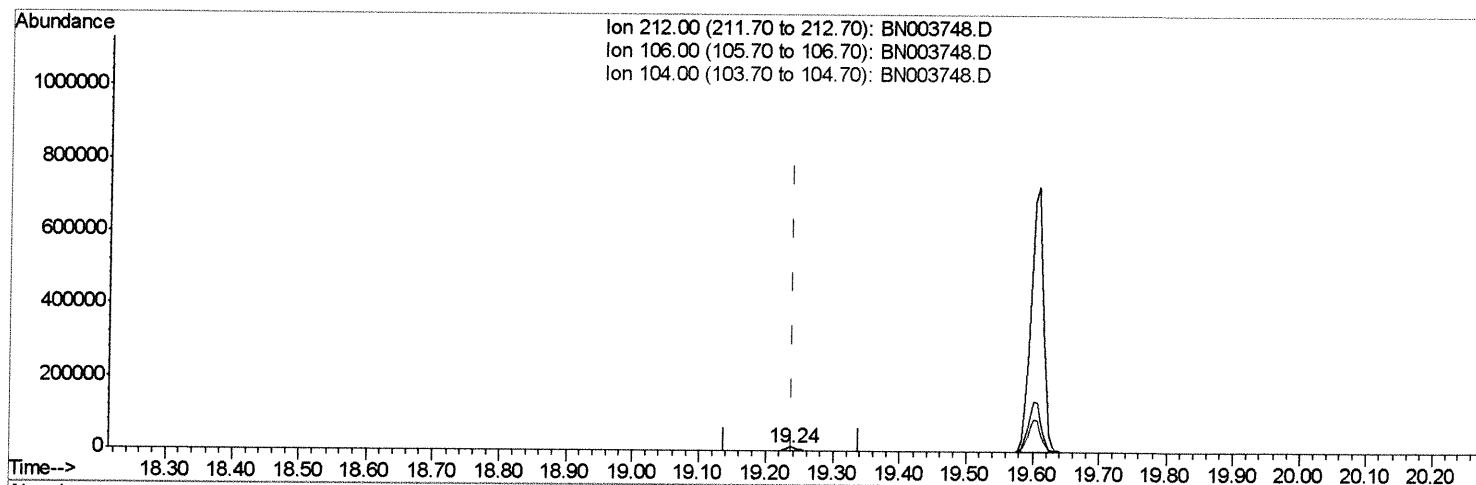
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E54

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:47:18 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003748.D

(14) Fluoranthene-d10 (SURR)

19.239min (-0.000) 0.16ng/ul m

response 12511

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
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

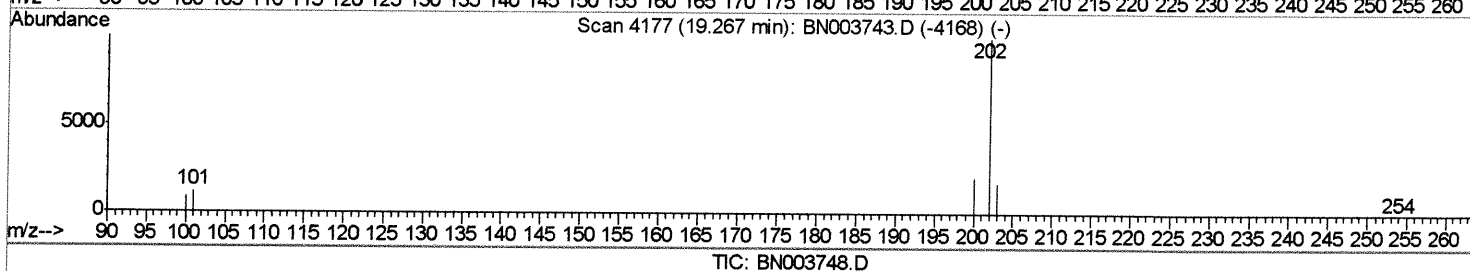
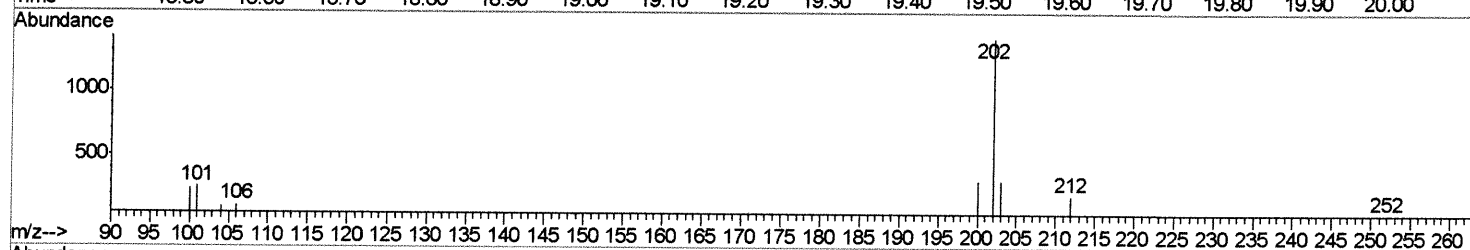
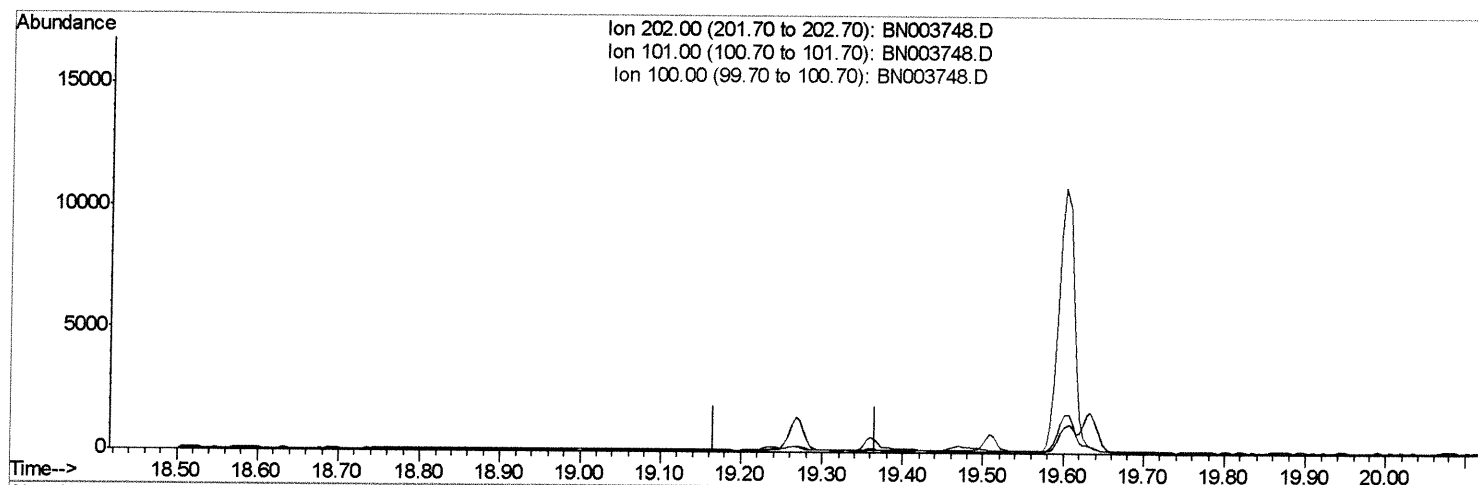
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E54

Manual Integrations
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mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:47:18 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.267min (-19.267) 0.00ng/ul

response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

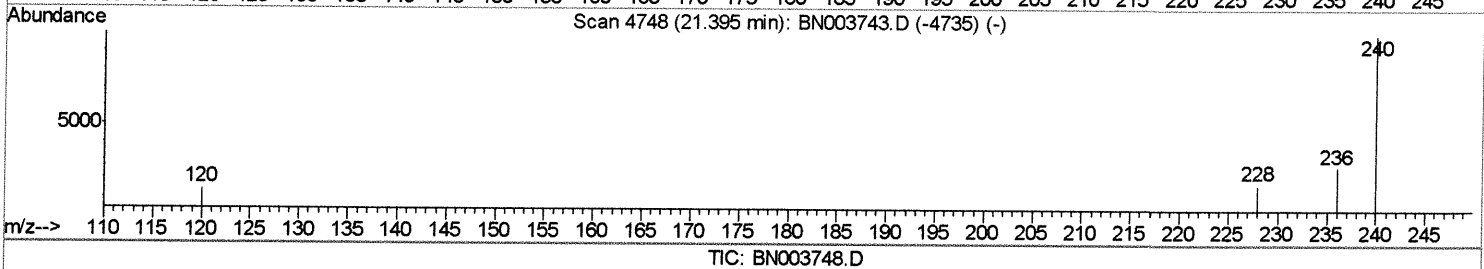
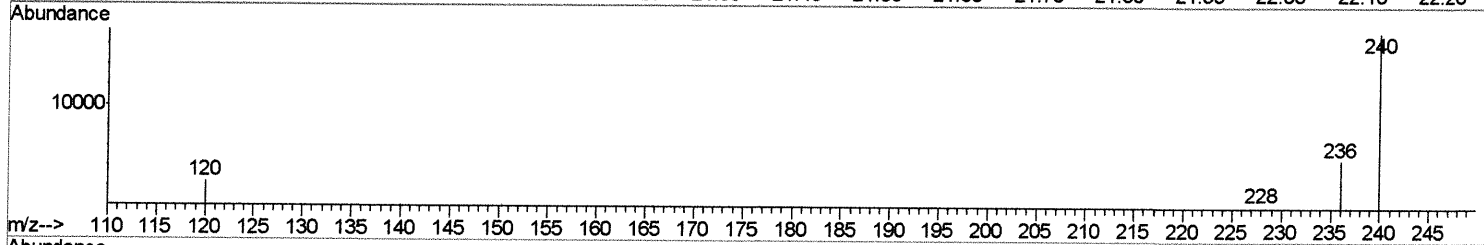
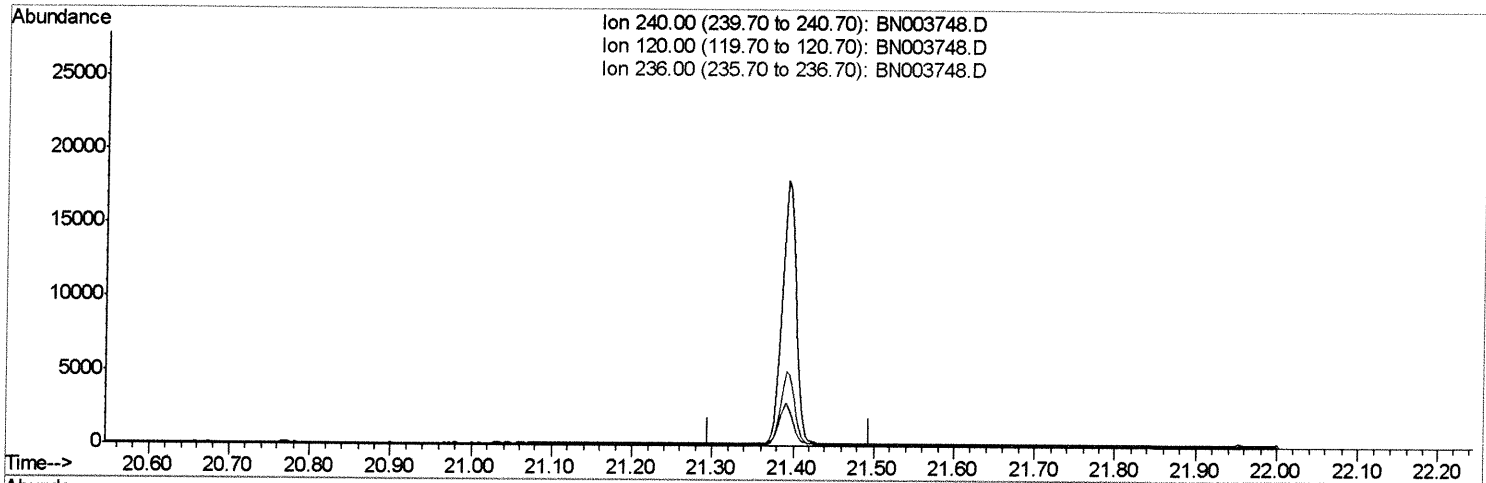
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E54

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:47:18 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.395min (-21.395) 0.00ng/ui

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\BN120618\
Quantitation Report (Qedit)

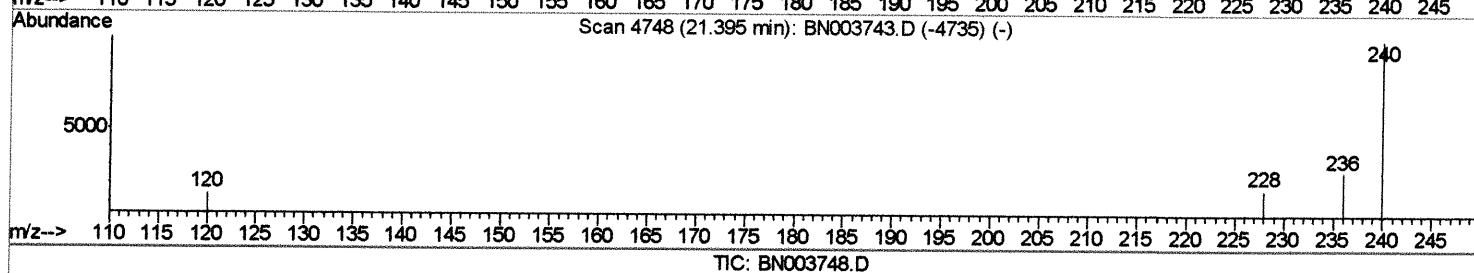
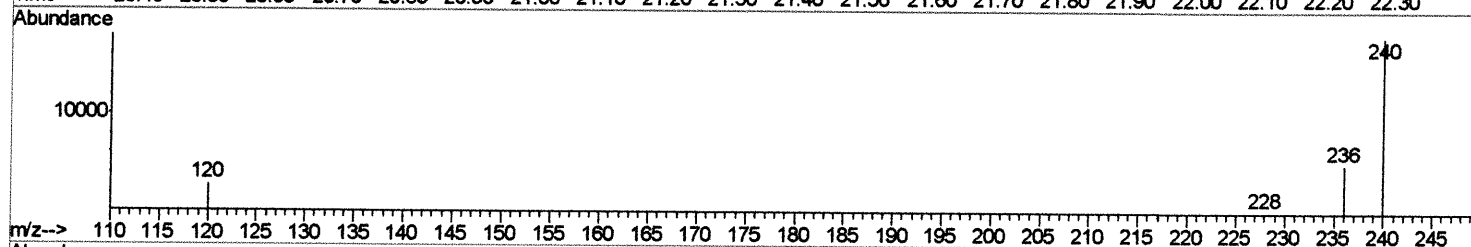
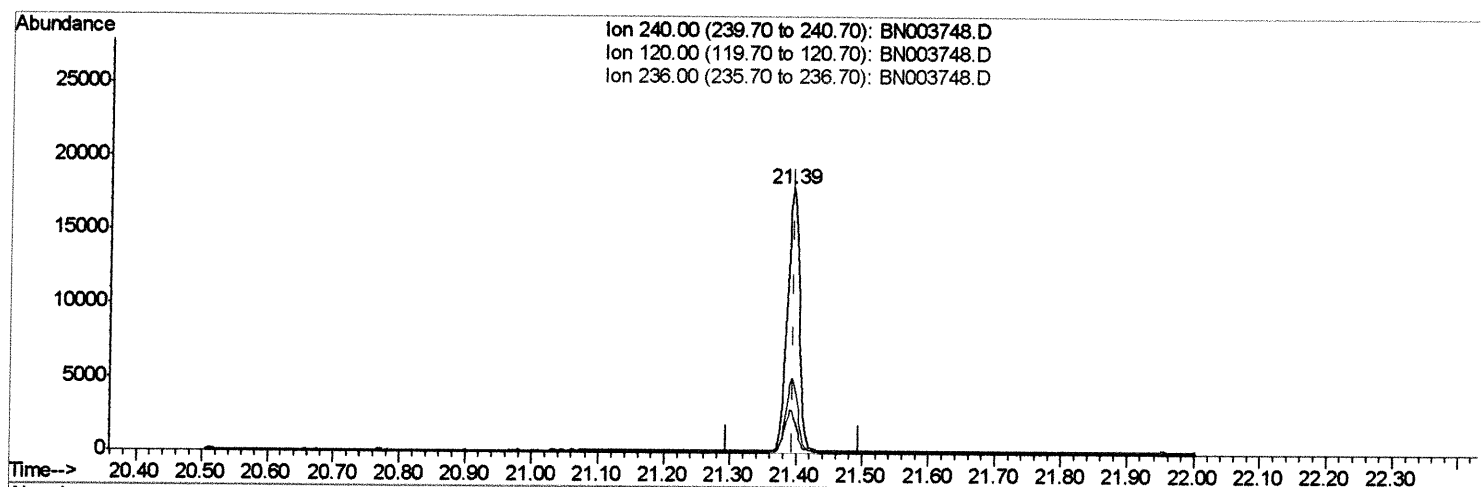
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E54

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:47:18 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.392min (-0.003) 0.40ng/ul m

response 22996

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	15.73
236.00	27.60	28.09
0.00	0.00	0.00

> SJ
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

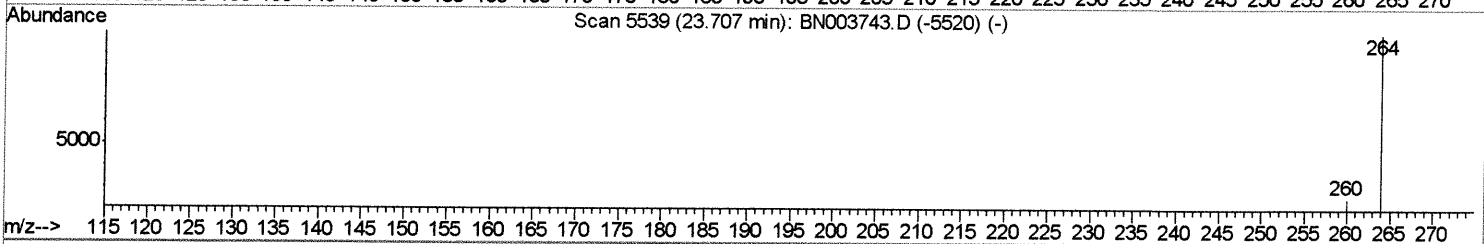
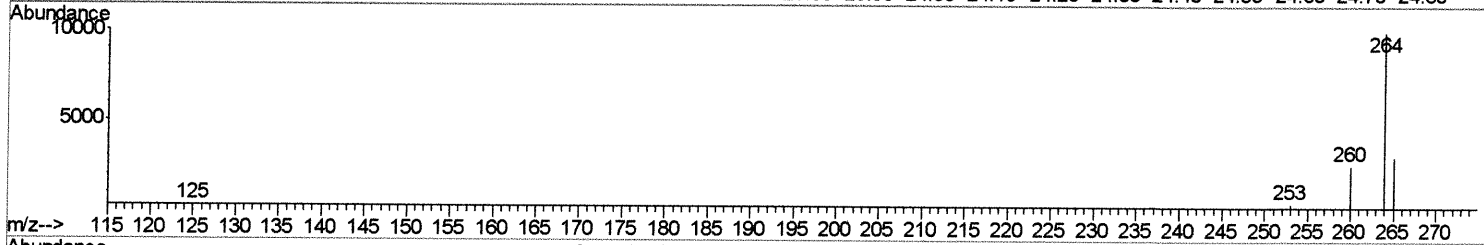
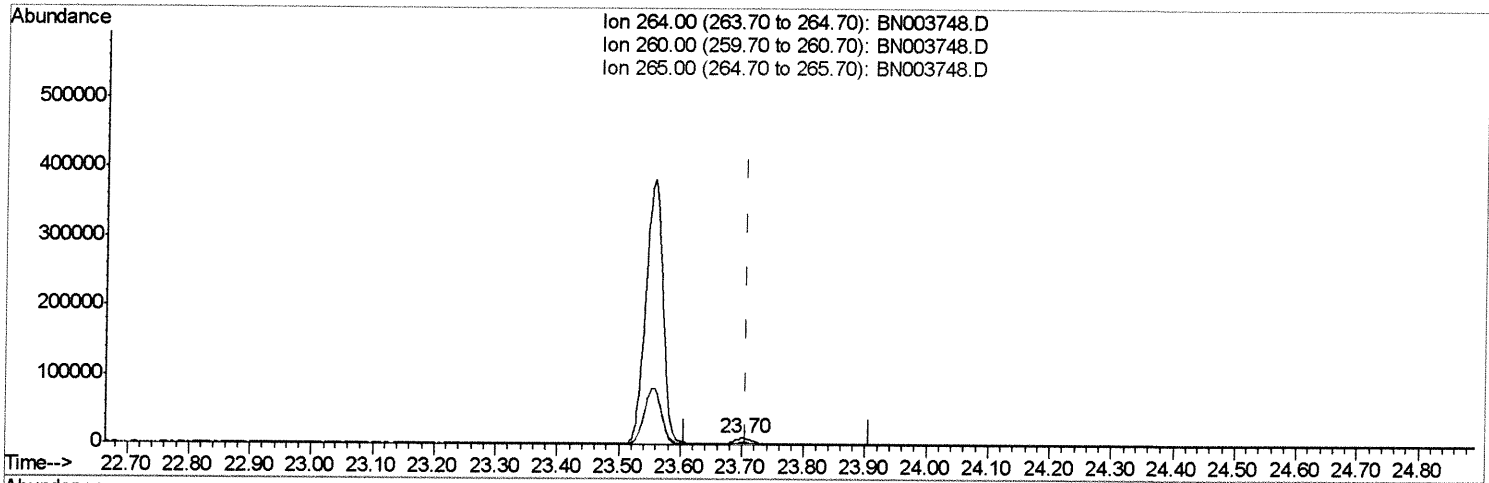
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E54

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:48:26 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003748.D

(20) Perylene-d12 (I)
23.702min (-0.006) 0.40ng/ul
response 21402

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.02
265.00	33.50	30.38
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

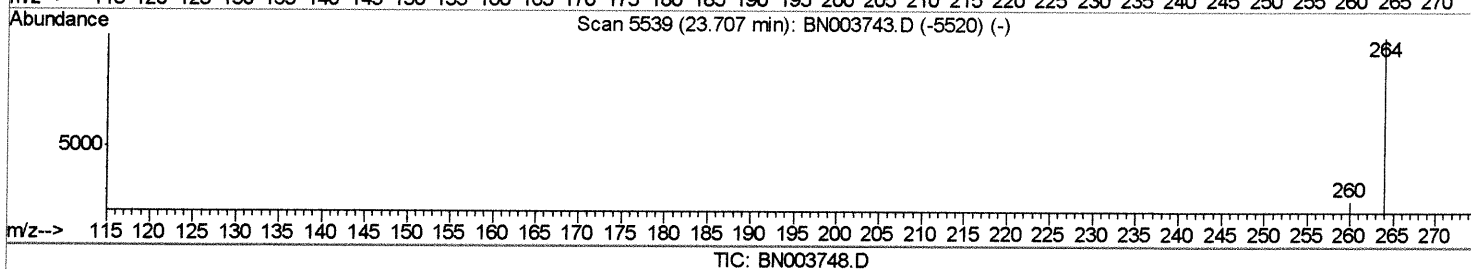
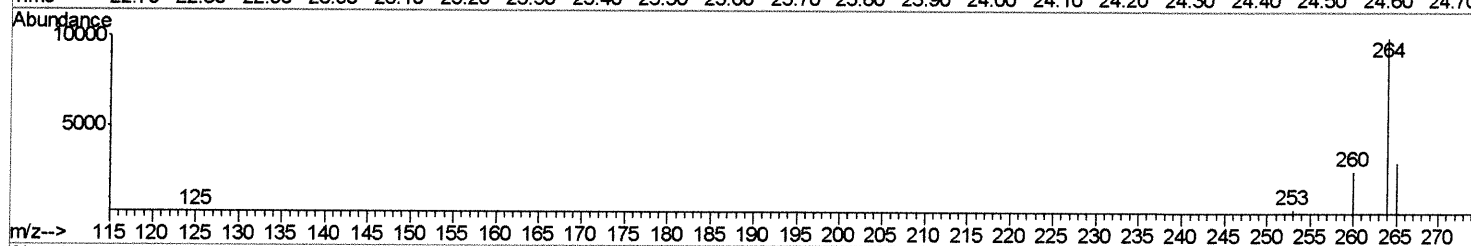
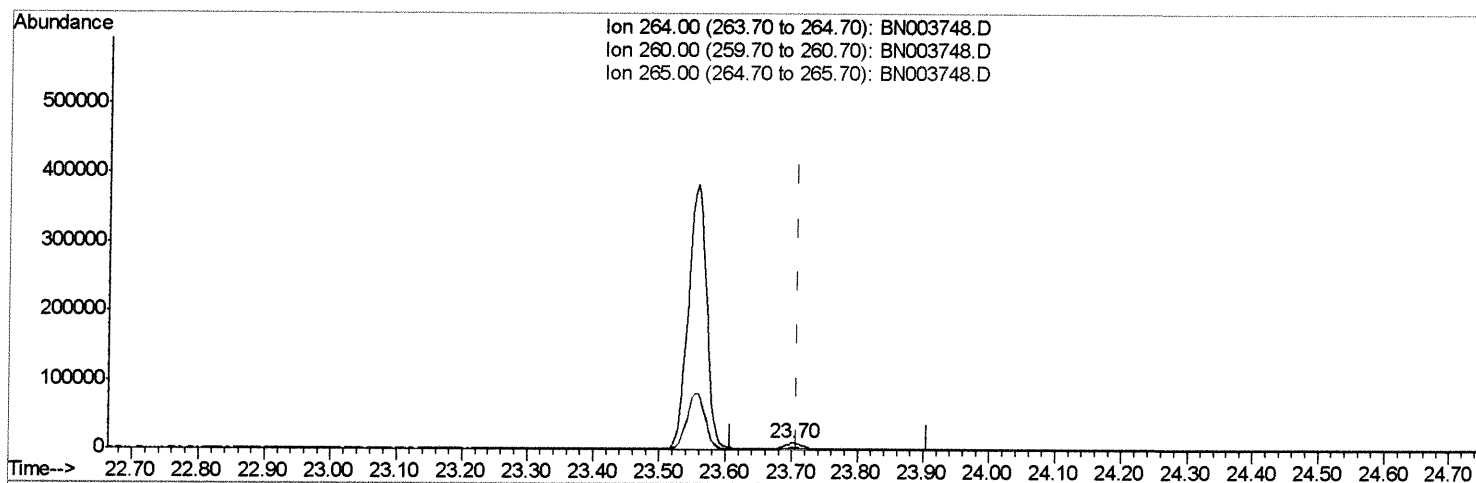
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
F9E54

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:48:26 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003748.D

(20) Perylene-d12 (I)

23.702min (-0.006) 0.40ng/ul m

response 17798

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.02
265.00	33.50	30.38
0.00	0.00	0.00

> SJ
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

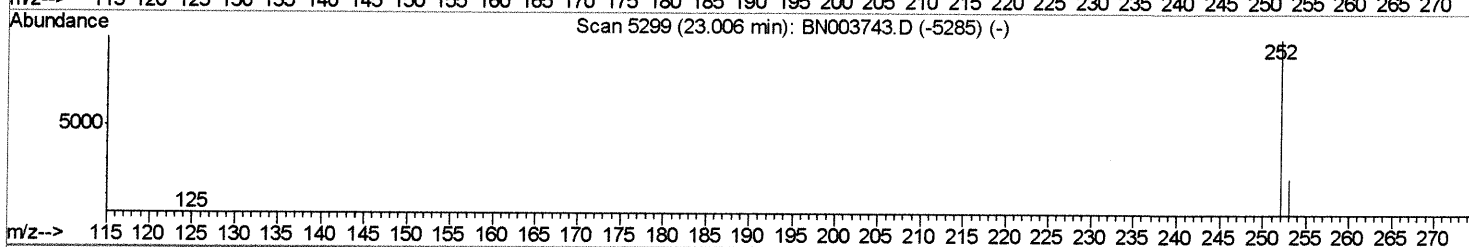
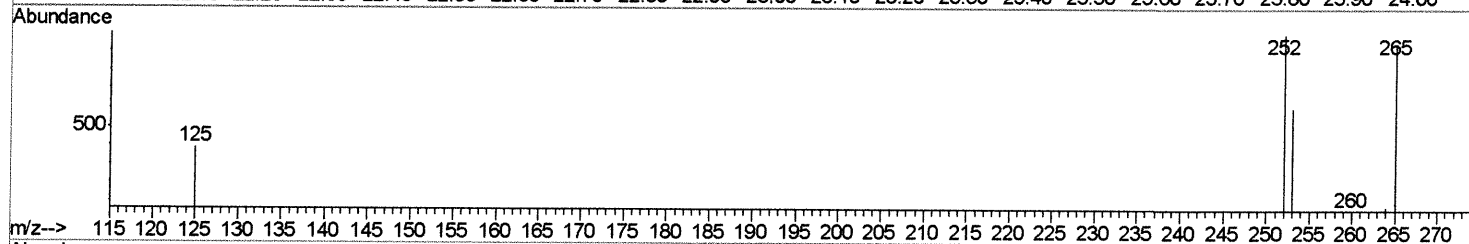
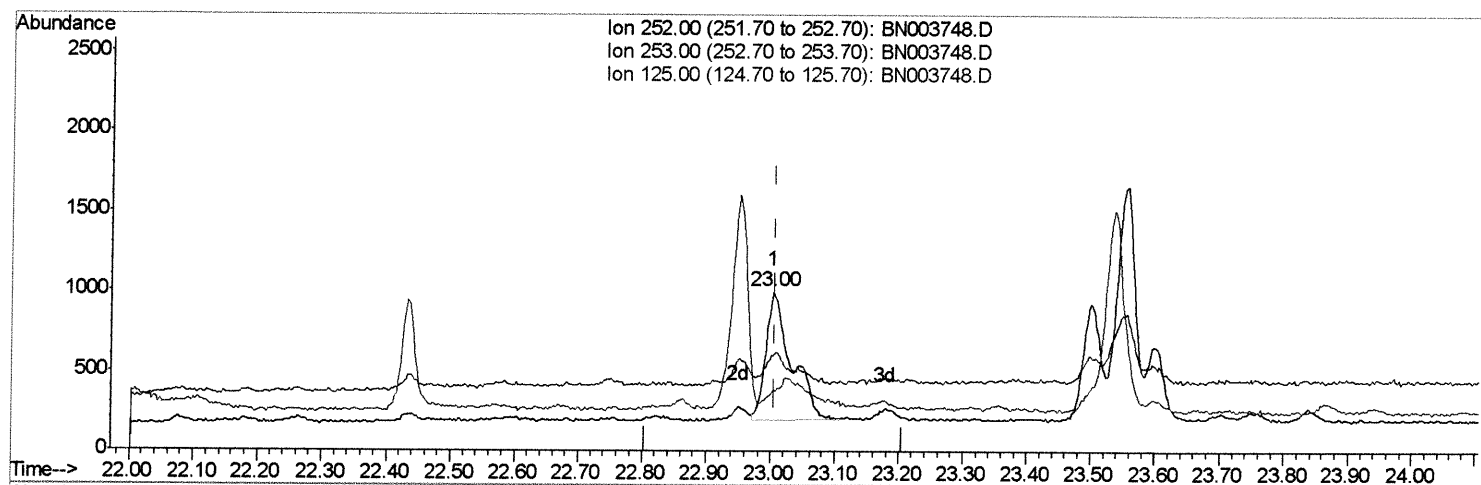
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E54

Manual Integrations
APPROVED

mohammad
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QLast Update : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003748.D

(21) Benzo(b)fluoranthene

23.003min (-0.003) 0.03ng/ul

response 2194

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	60.84#
125.00	11.20	38.76#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

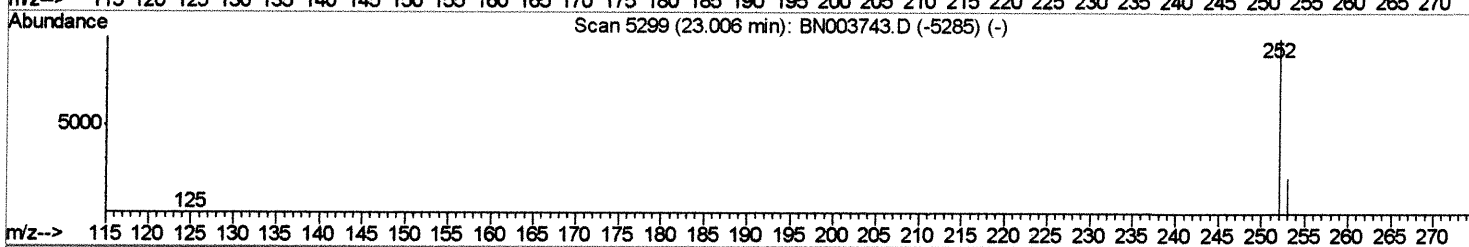
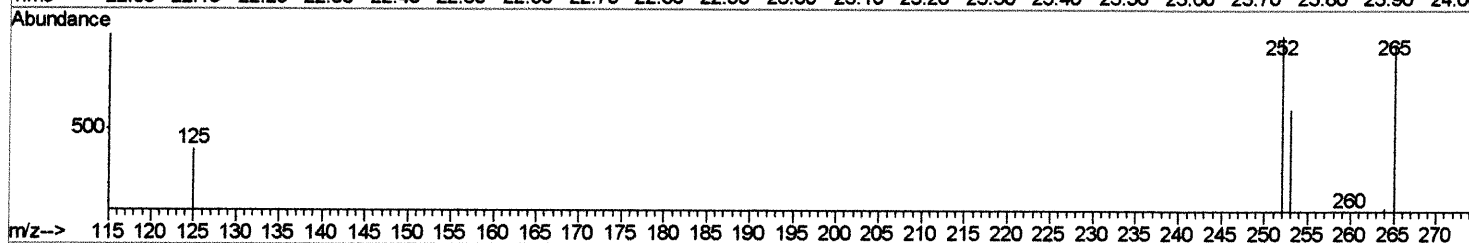
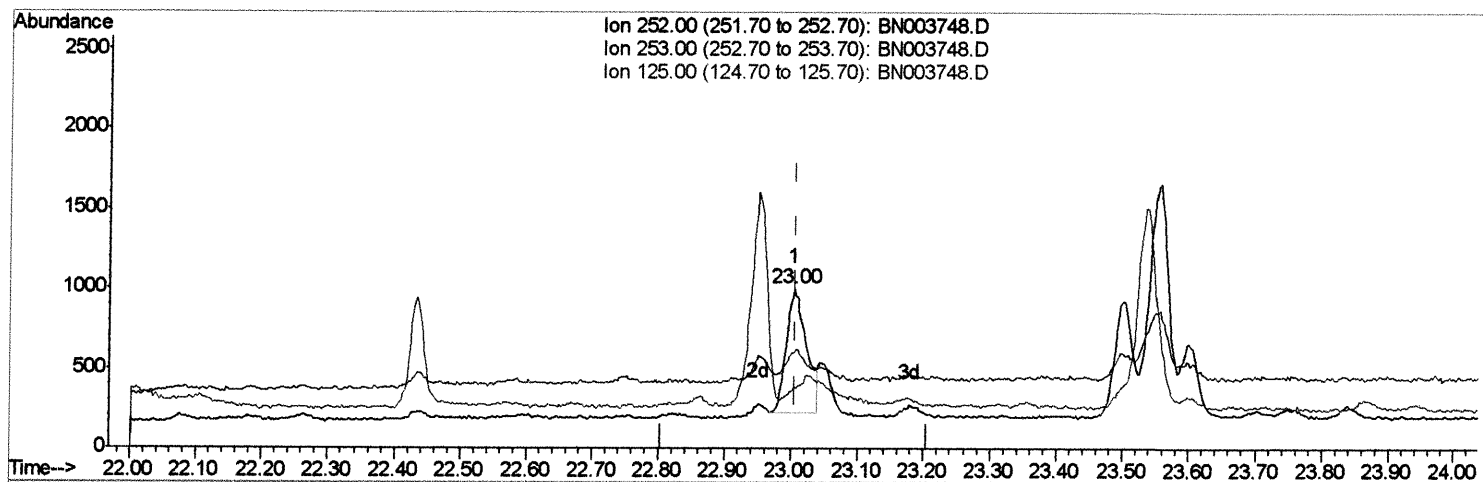
Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:48:55 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003748.D

(21) Benzo(b)fluoranthene

23.003min (-0.003) 0.02ng/ul m >

response 1617

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	60.84#
125.00	11.20	38.76#
0.00	0.00	0.00

SJ
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (QT Reviewed)

Data File : BN003748.D
Acq On : 07 Dec 2018 02:25
Operator : JU/SJ
Sample : J6227-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E54

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:49 PM

Quant Time: Dec 07 04:49:35 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5417	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	22528	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12125	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	26845m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	22996m	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	17798m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	5879	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	12511m	0.16	ng/ul	0.00
Target Compounds						
17) Pyrene	19.63	202	2098	0.025	ng/ul#	86
19) Chrysene	21.43	228	2388	0.029	ng/ul#	93
21) Benzo(b)fluoranthene	23.00	252	1617m	0.022	ng/ul	

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