

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005682.D
Acq On : 14 May 2019 08:55
Operator : JU/SJ
Sample : K2692-26
Misc :
ALS Vial : 35 Sample Multiplier: 1

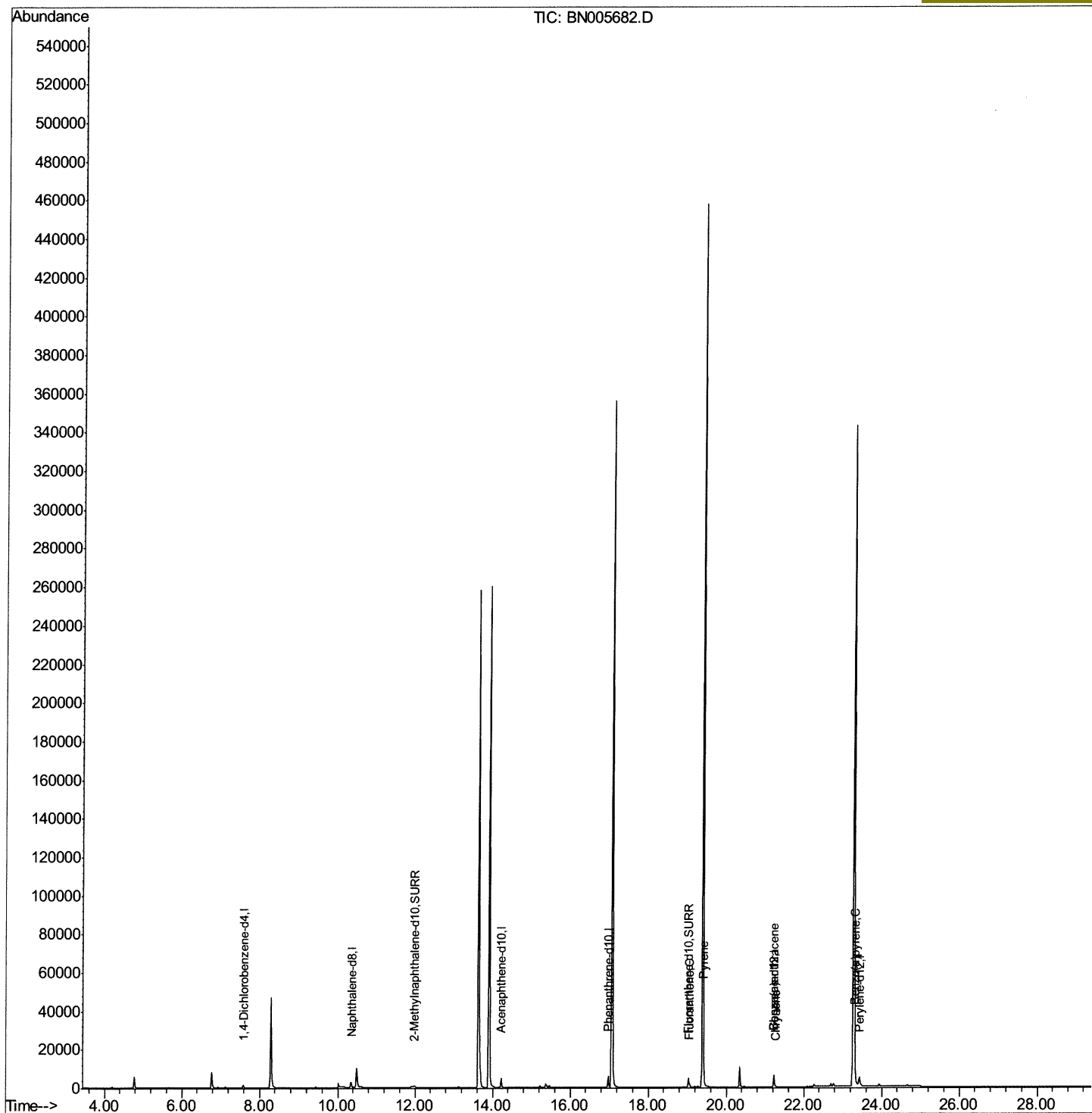
Instrument :
BNA_N
ClientSampleId :
A5187

Quant Time: May 14 16:00:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Manual Integrations
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mohammad

5/16/2019 11:36:17 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005682.D
 Acq On : 14 May 2019 08:55
 Operator : JU/SJ
 Sample : K2692-26
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

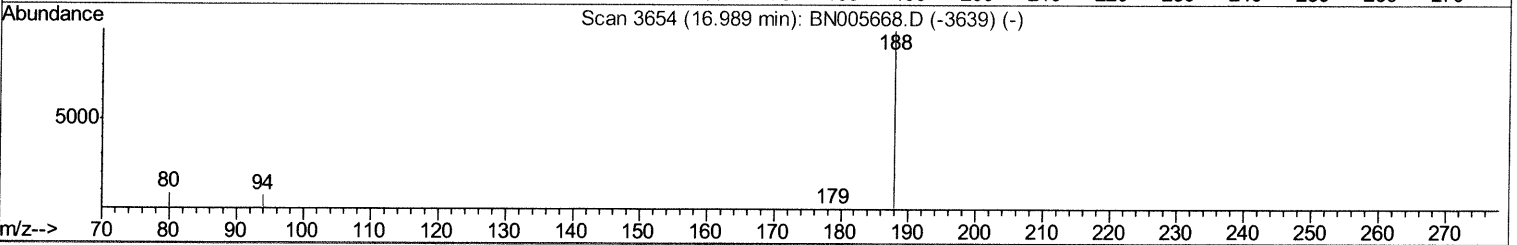
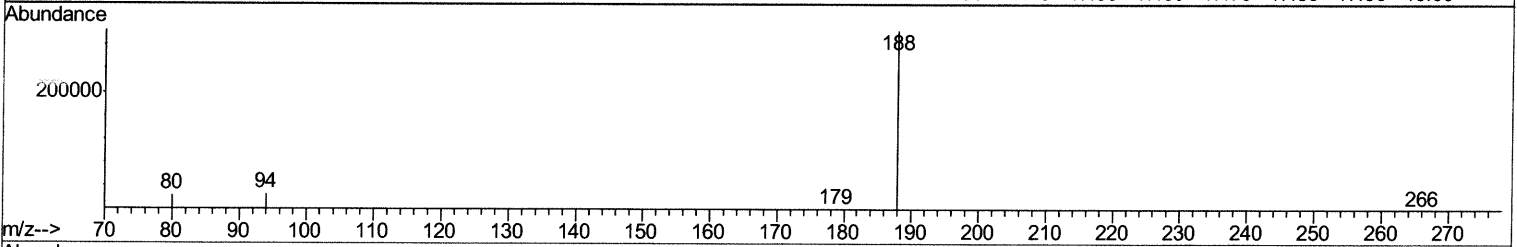
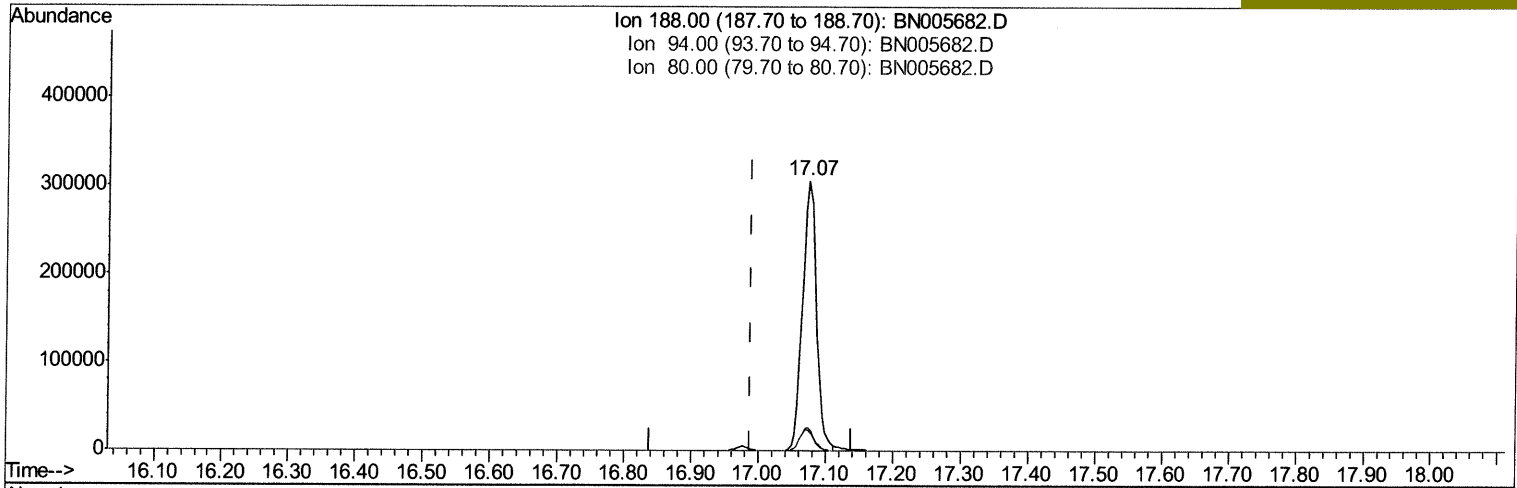
Instrument :
 BNA_N
 ClientSampleId :
 A5187

Quant Time: May 14 15:10:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
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Manual Integrations
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TIC: BN005682.D

(10) Phenanthrene-d10 (I)

17.074min (+0.084) 0.40ng/ul

response 443265

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.49
80.00	9.80	7.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005682.D
 Acq On : 14 May 2019 08:55
 Operator : JU/SJ
 Sample : K2692-26
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

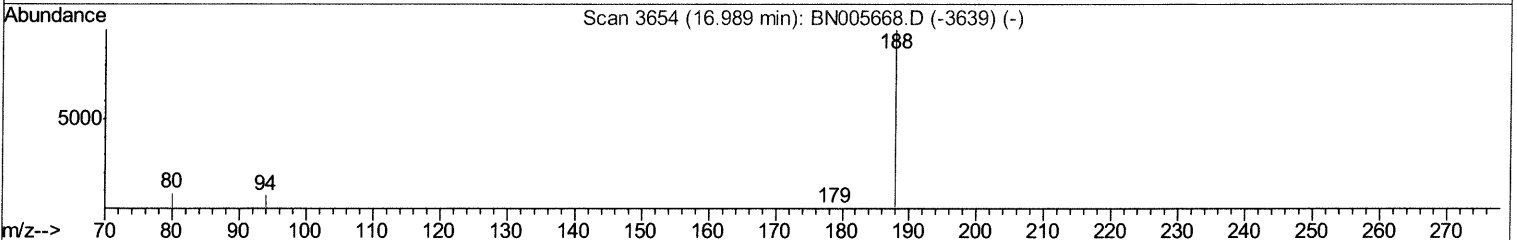
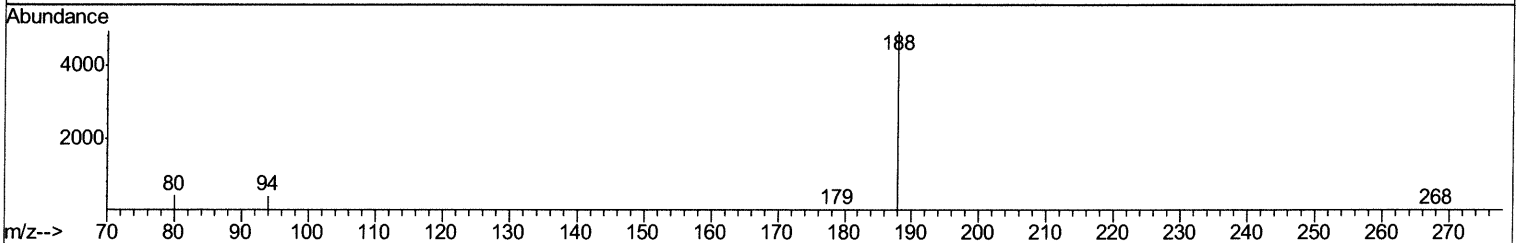
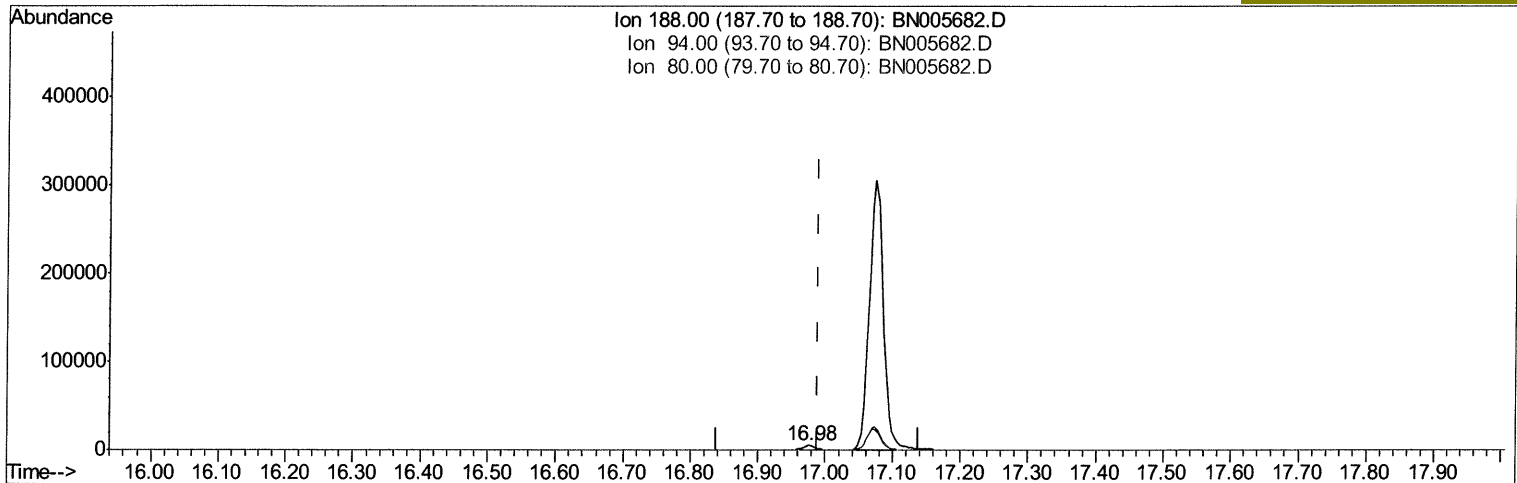
Instrument :
 BNA_N
 ClientSampleId :
 A5187

Quant Time: May 14 15:10:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
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TIC: BN005682.D

(10) Phenanthrene-d10 (I)

16.976min (-0.013) 0.40ng/ul m⁵⁰ 05/24/19

response 7081

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.54
80.00	9.80	8.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005682.D
 Acq On : 14 May 2019 08:55
 Operator : JU/SJ
 Sample : K2692-26
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

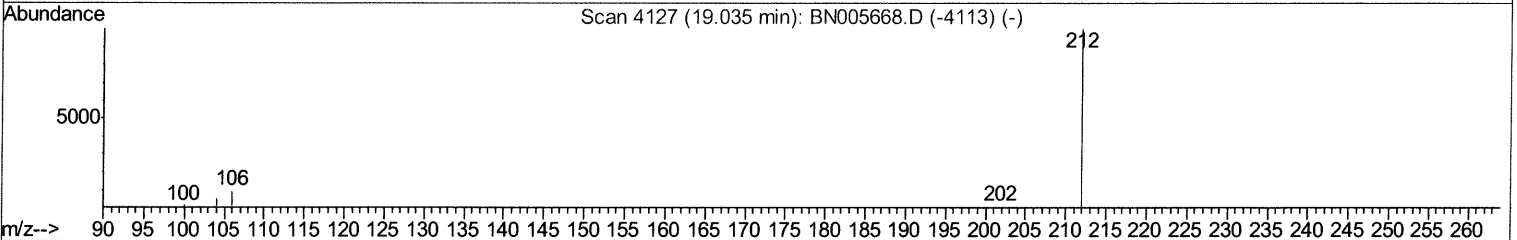
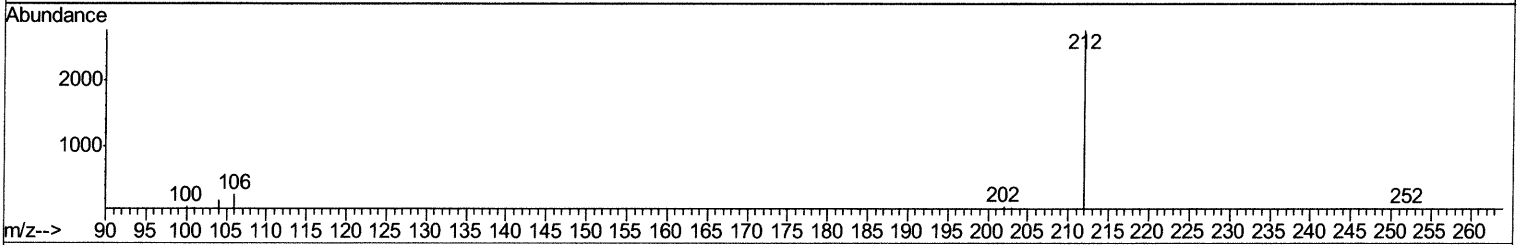
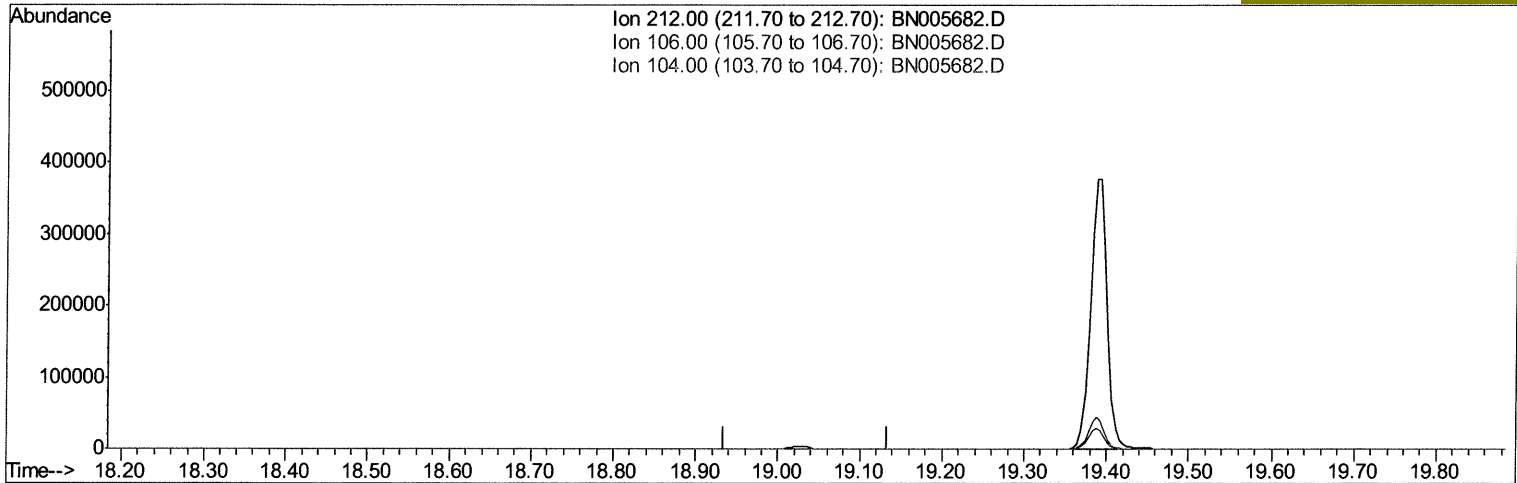
Instrument :
 BNA_N
 ClientSampleId :
 A5187

Quant Time: May 14 15:58:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
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TIC: BN005682.D

(14) Fluoranthene-d10 (SURR)

19.035min (-19.035) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005682.D
 Acq On : 14 May 2019 08:55
 Operator : JU/SJ
 Sample : K2692-26
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

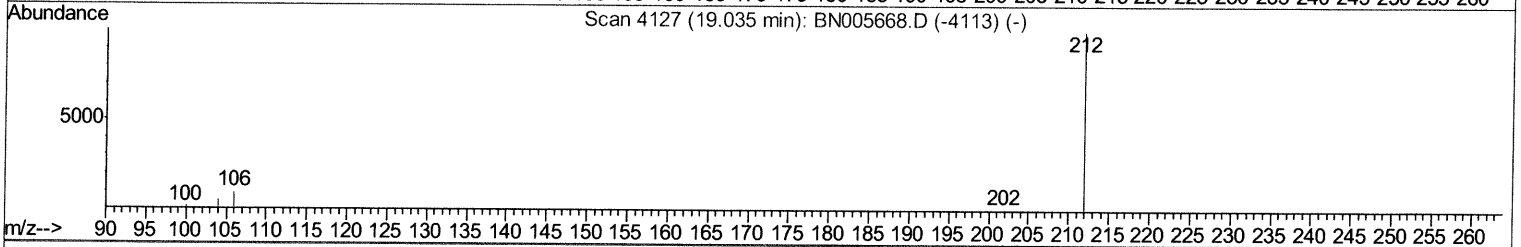
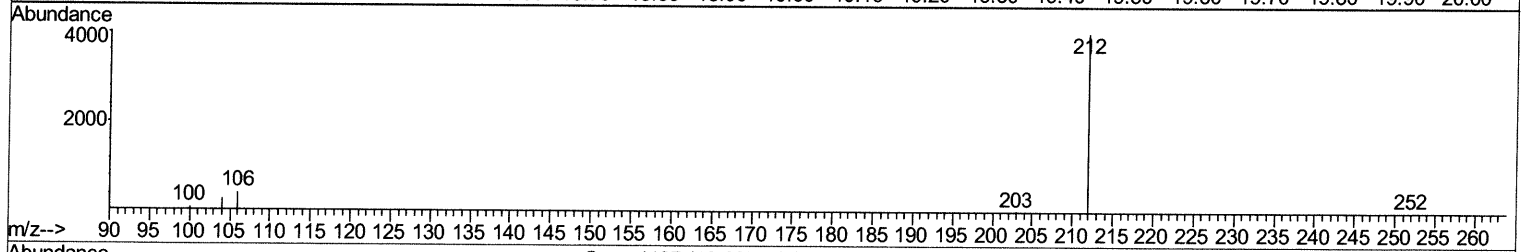
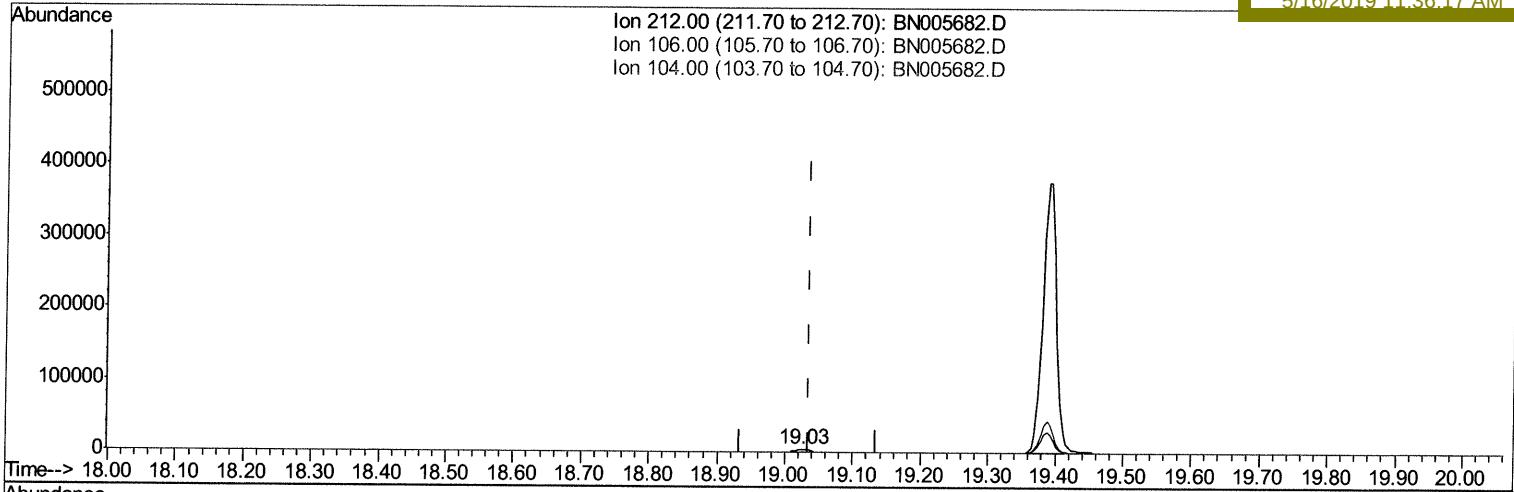
Instrument :
 BNA_N
 ClientSampleId :
 A5187

Quant Time: May 14 15:58:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
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Manual Integrations
 APPROVED

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5/16/2019 11:36:17 AM



TIC: BN005682.D

(14) Fluoranthene-d10 (SURR)

19.025min (-0.009) 0.26ng/ul m *JU 05/24/19*

response 5759

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005682.D
 Acq On : 14 May 2019 08:55
 Operator : JU/SJ
 Sample : K2692-26
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

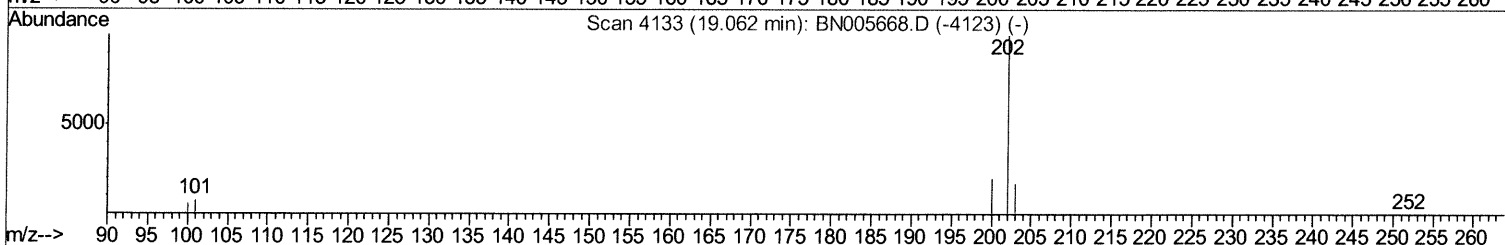
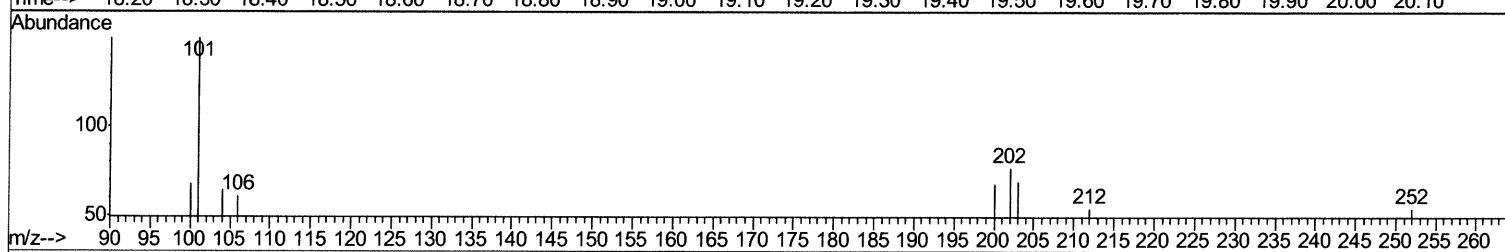
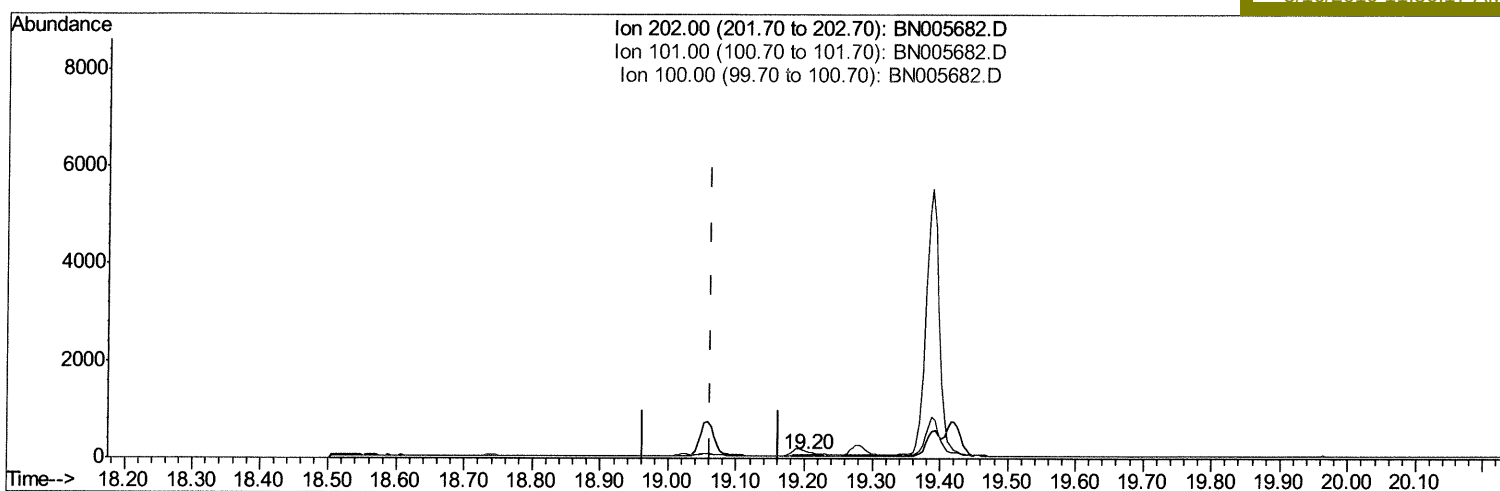
Instrument :
 BNA_N
 ClientSampleId :
 A5187

Quant Time: May 14 15:58:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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TIC: BN005682.D

(15) Fluoranthene (C)

19.202min (+0.139) 0.00ng/ul

response 37

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	194.81#
100.00	7.10	88.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005682.D
 Acq On : 14 May 2019 08:55
 Operator : JU/SJ
 Sample : K2692-26
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

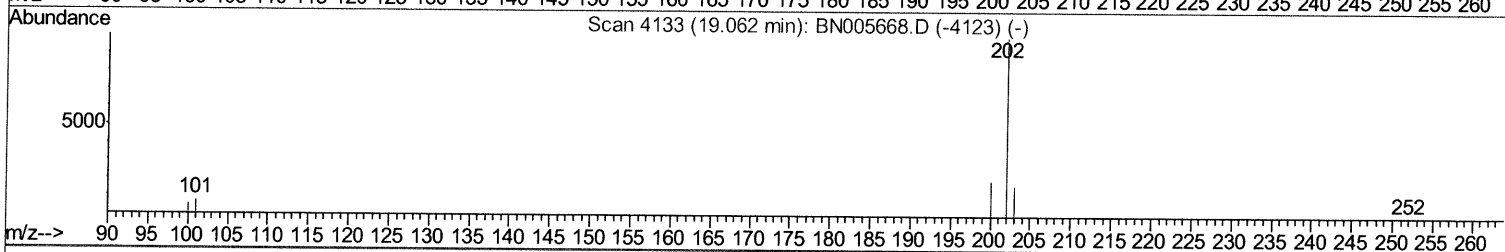
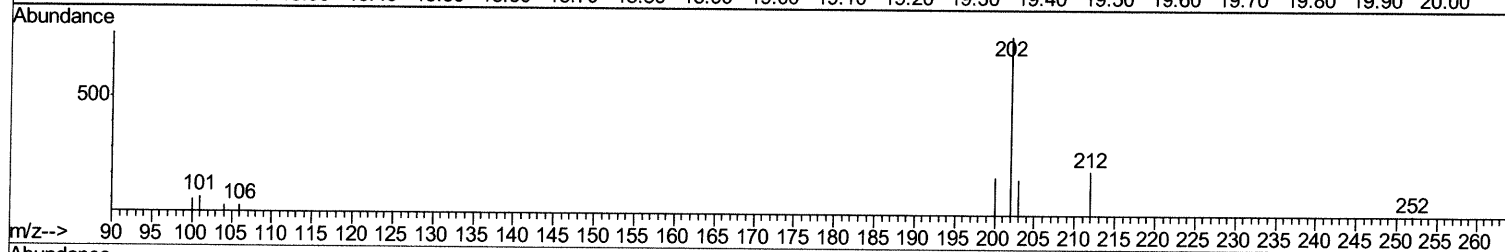
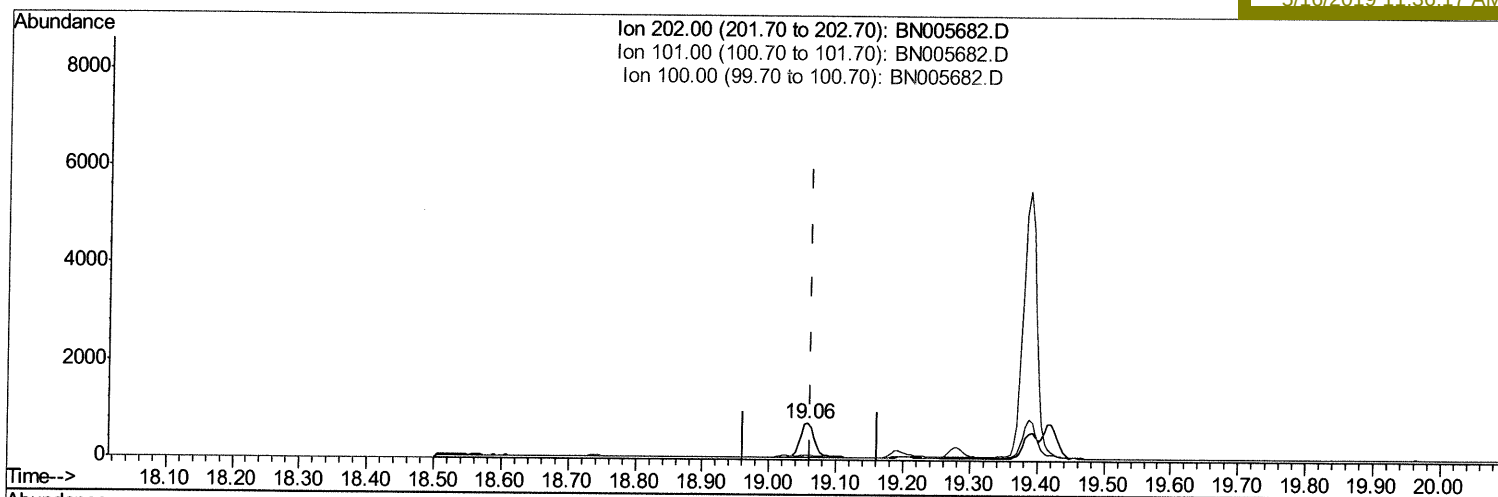
Instrument :
 BNA_N
 ClientSampleId :
 A5187

Quant Time: May 14 15:58:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
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Manual Integrations
 APPROVED

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TIC: BN005682.D

(15) Fluoranthene (C)

19.058min (-0.005) 0.04ng/ul m ^{JU} 05/24/19

response 1077

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	14.55
100.00	7.10	13.22
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Data File : BN005682.D
 Acq On : 14 May 2019 08:55
 Operator : JU/SJ
 Sample : K2692-26
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

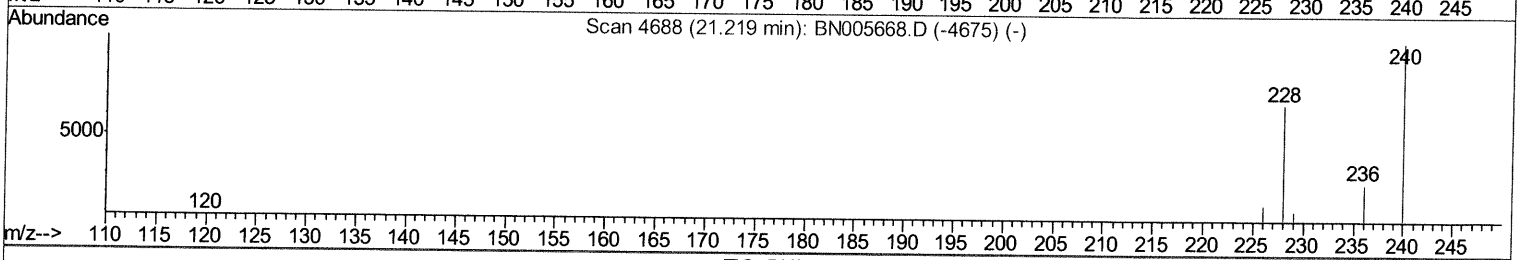
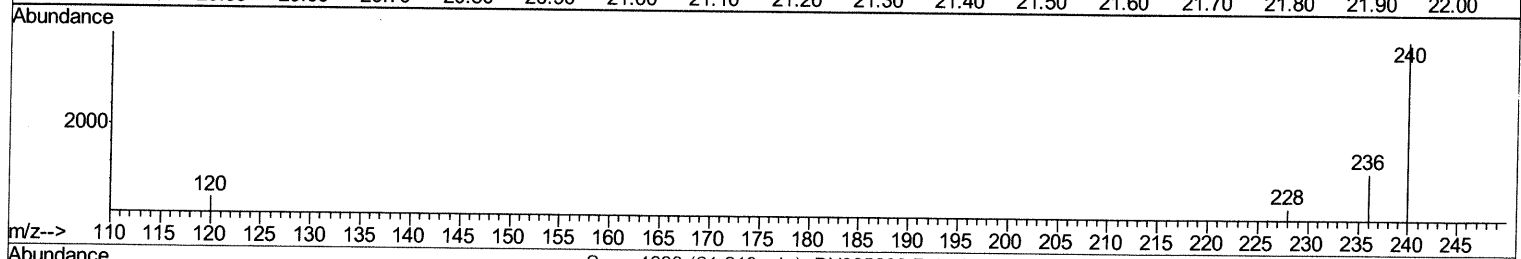
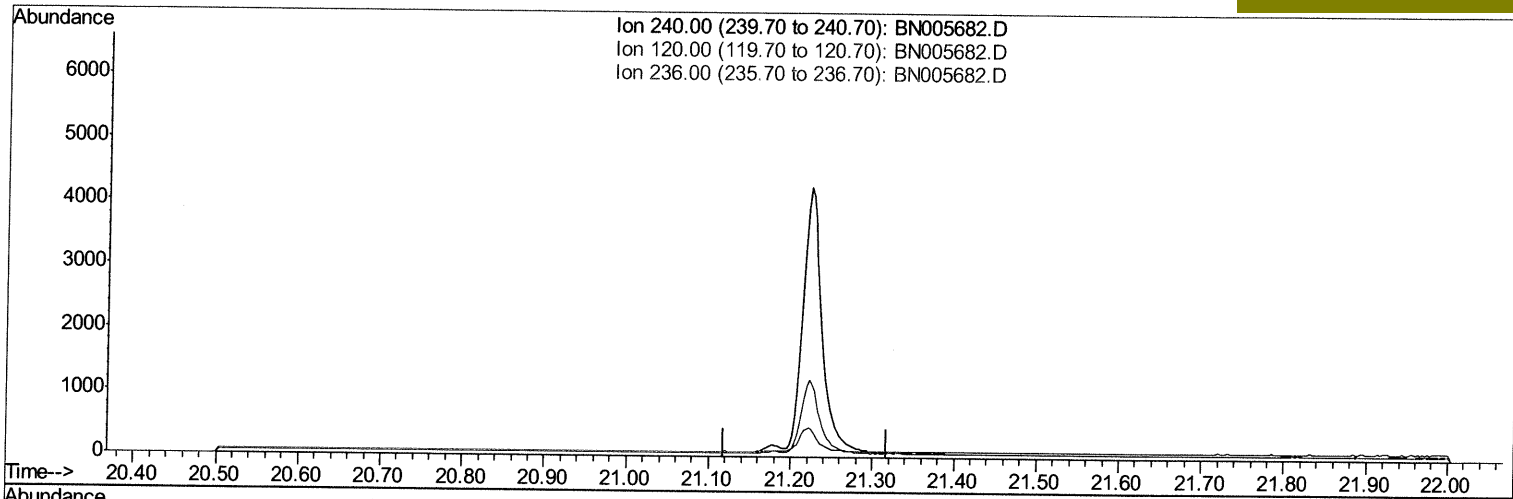
Instrument :
 BNA_N
 ClientSampleId :
 A5187

Quant Time: May 14 15:58:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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5/16/2019 11:36:17 AM



TIC: BN005682.D

(16) Chrysene-d12 (I)

21.219min (-21.219) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	11.90	0.00#
236.00	28.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005682.D
Acq On : 14 May 2019 08:55
Operator : JU/SJ
Sample : K2692-26
Misc :
ALS Vial : 35 Sample Multiplier: 1

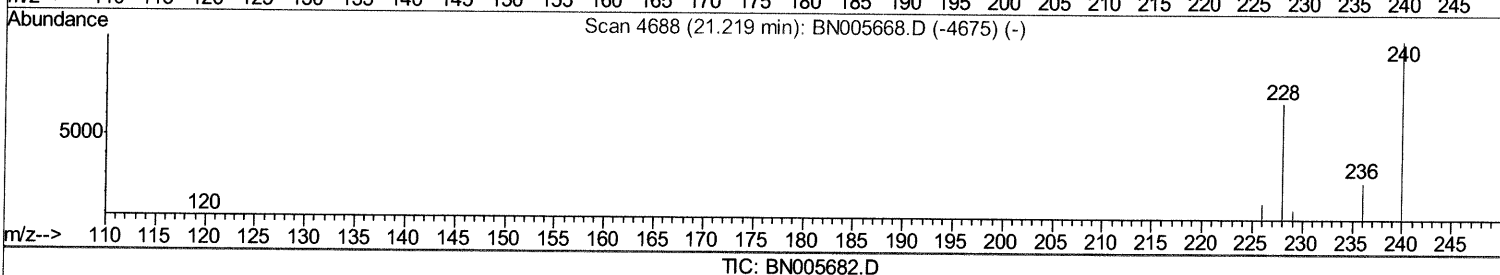
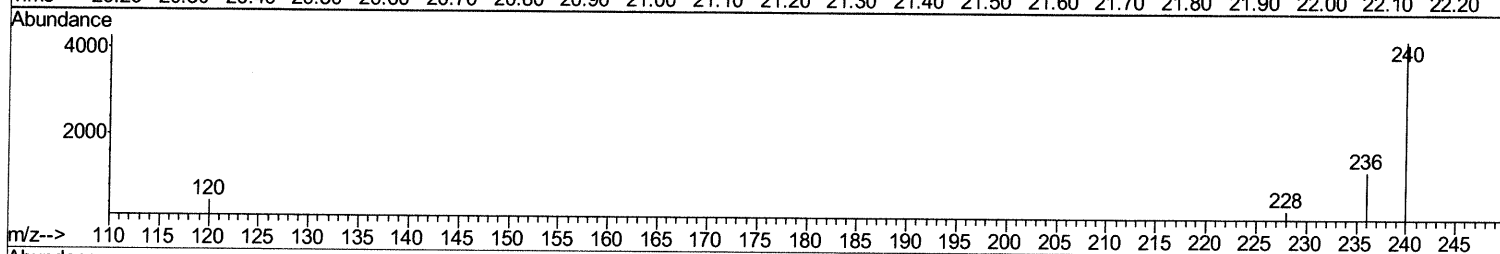
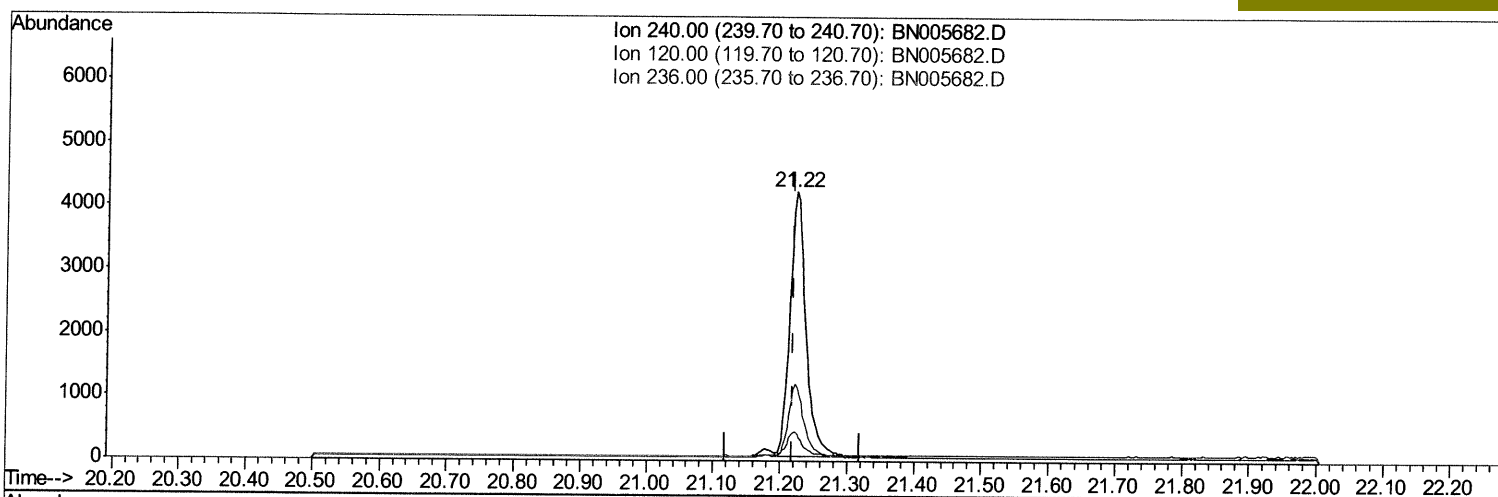
Instrument :
BNA_N
ClientSampleId :
A5187

Quant Time: May 14 15:58:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

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5/16/2019 11:36:17 AM



(16) Chrysene-d12 (I)

21.222min (+0.003) 0.40ng/ul m

JU
05/21/19

response 6881

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	10.90
236.00	28.00	28.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005682.D
 Acq On : 14 May 2019 08:55
 Operator : JU/SJ
 Sample : K2692-26
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

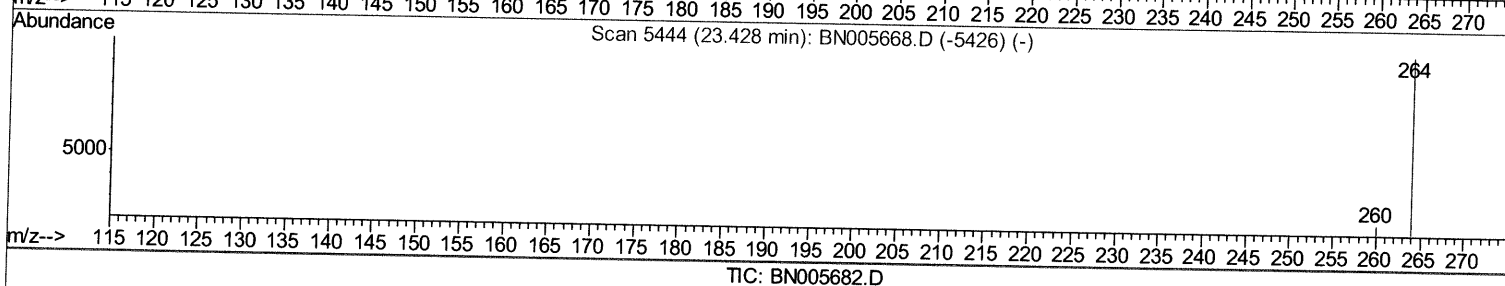
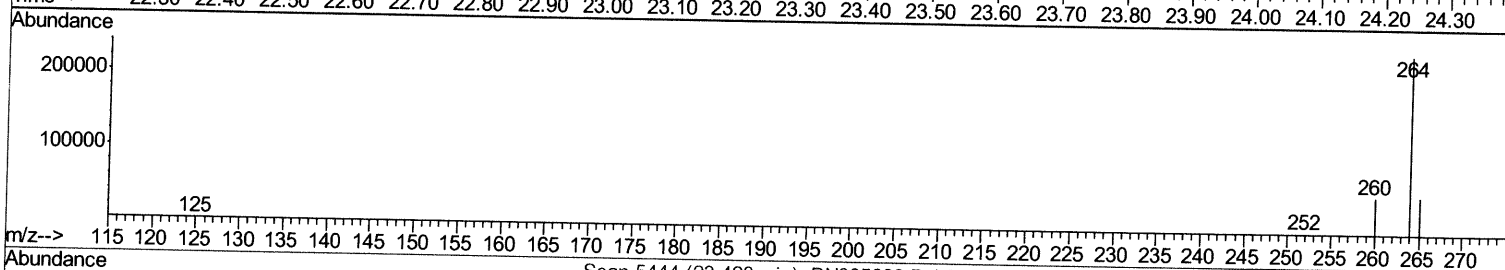
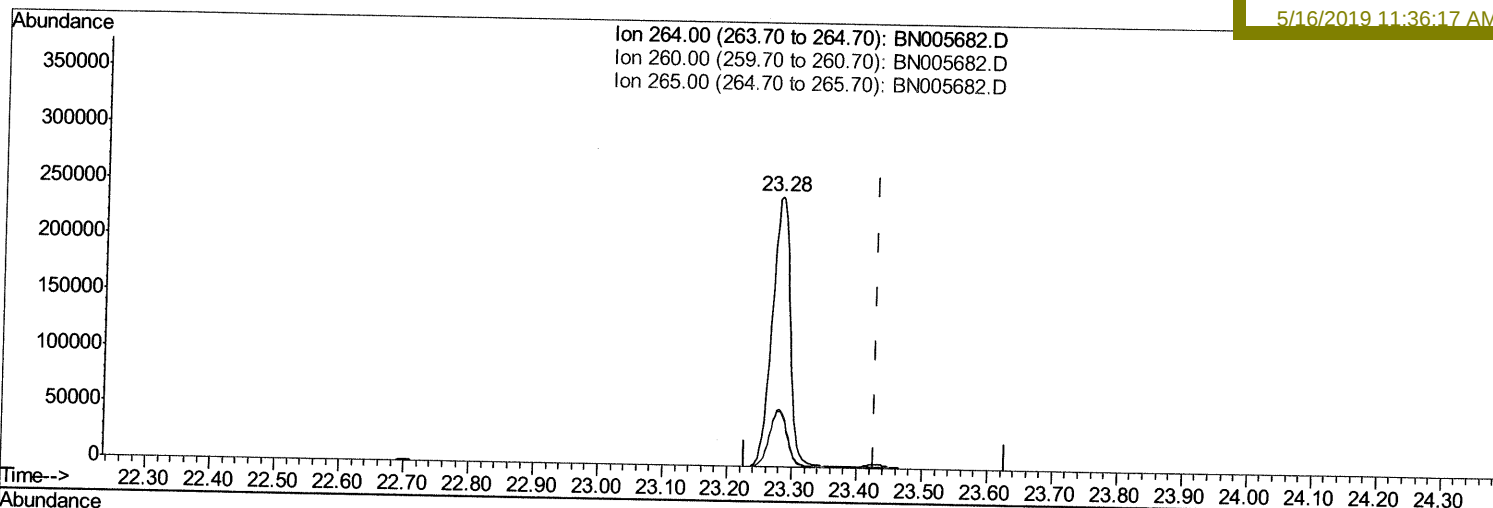
Instrument :
 BNA_N
ClientSampleId :
 A5187

Quant Time: May 14 15:59:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
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Manual Integrations
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5/16/2019 11:36:17 AM



TIC: BN005682.D

(20) Perylene-d12 (I)

23.279min (-0.149) 0.40ng/ul

response 464370

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.65
265.00	31.70	21.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005682.D
 Acq On : 14 May 2019 08:55
 Operator : JU/SJ
 Sample : K2692-26
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

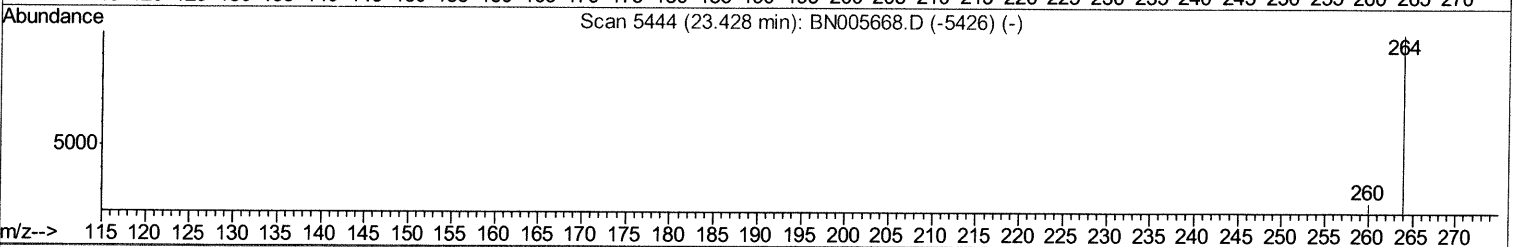
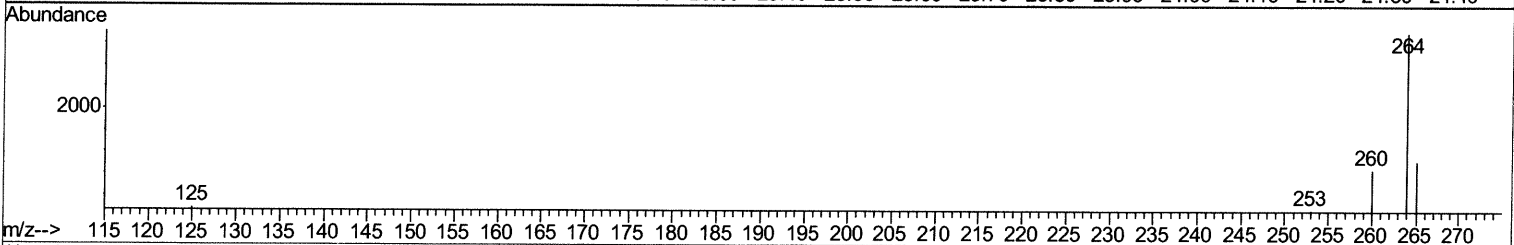
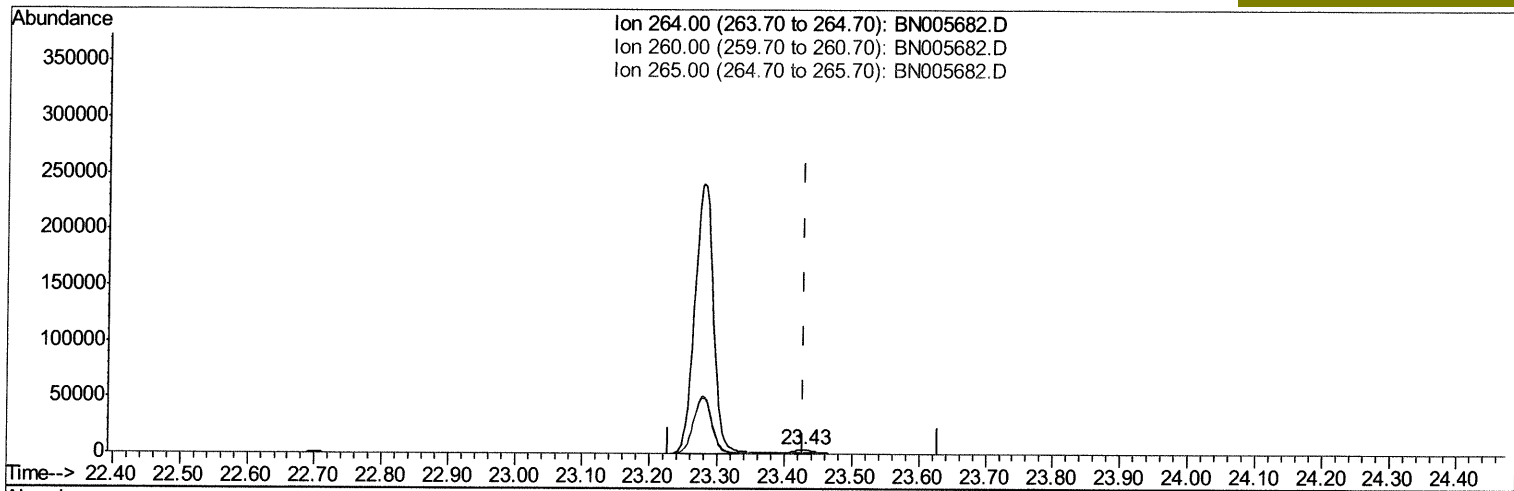
Instrument :
 BNA_N
 ClientSampleId :
 A5187

Quant Time: May 14 15:59:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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5/16/2019 11:36:17 AM



TIC: BN005682.D

(20) Perylene-d12 (I)

23.428min (+0.000) 0.40ng/ul m *JU 05/24/19*

response 5957

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	25.93
265.00	31.70	30.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005682.D
 Acq On : 14 May 2019 08:55
 Operator : JU/SJ
 Sample : K2692-26
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

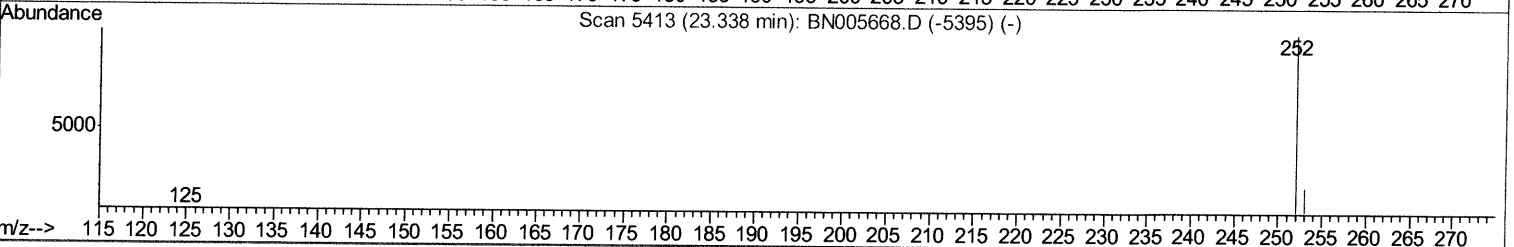
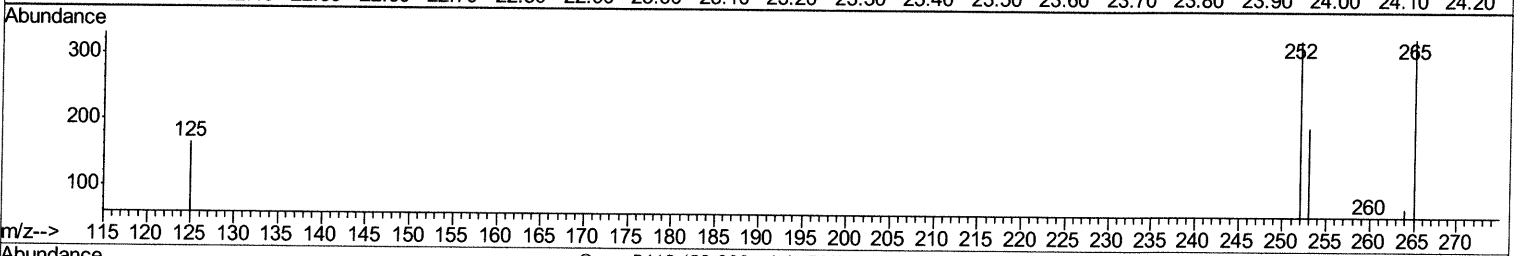
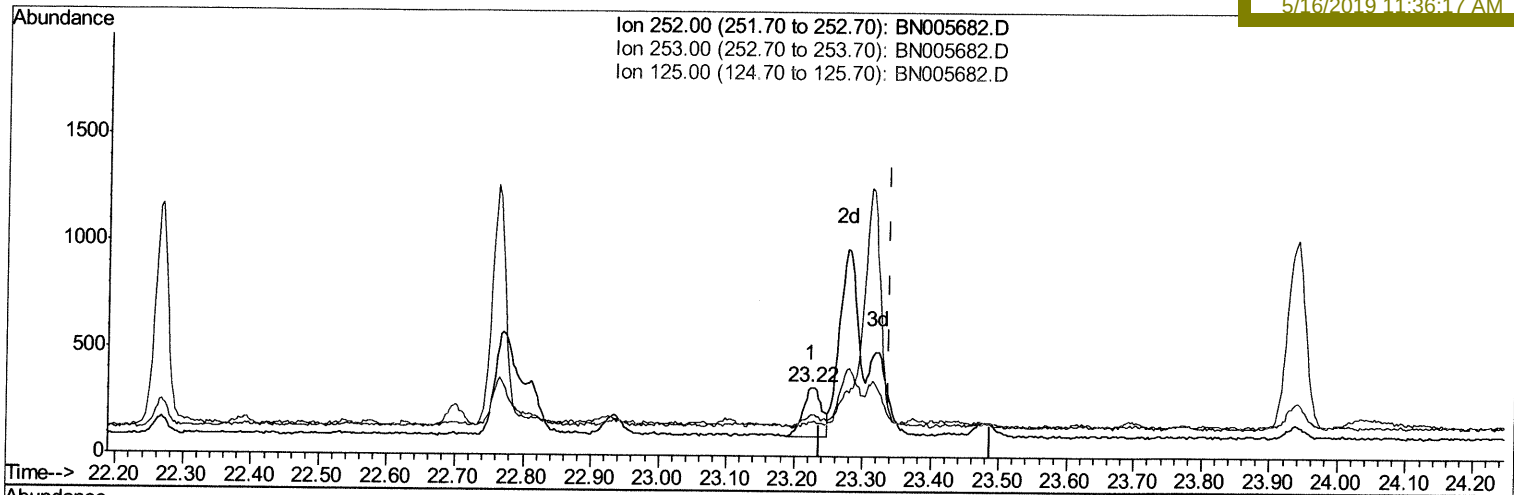
Instrument :
 BNA_N
 ClientSampleId :
 A5187

Quant Time: May 14 16:00:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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TIC: BN005682.D

(23) Benzo(a)pyrene (C)
 23.224min (-0.114) 0.02ng/ul
 response 431

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	59.69#
125.00	12.60	50.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005682.D
Acq On : 14 May 2019 08:55
Operator : JU/SJ
Sample : K2692-26
Misc :
ALS Vial : 35 Sample Multiplier: 1

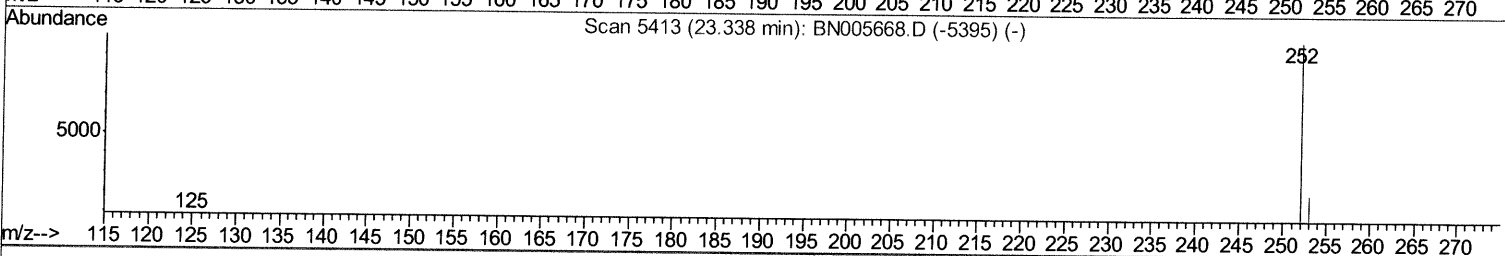
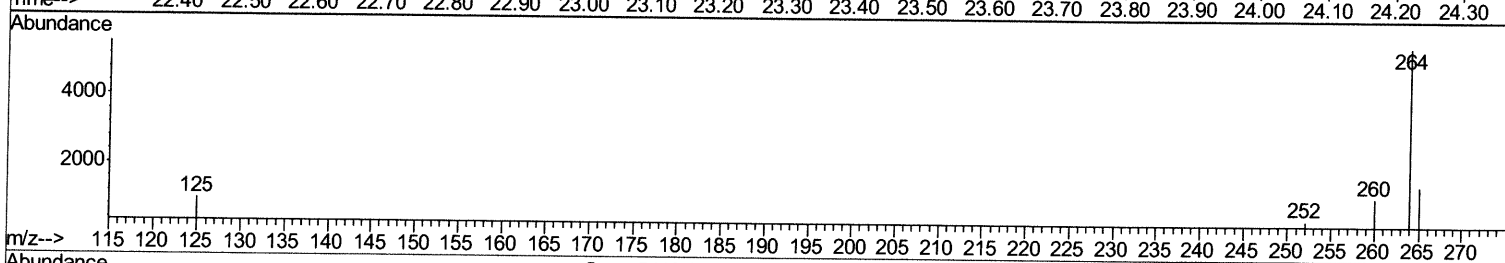
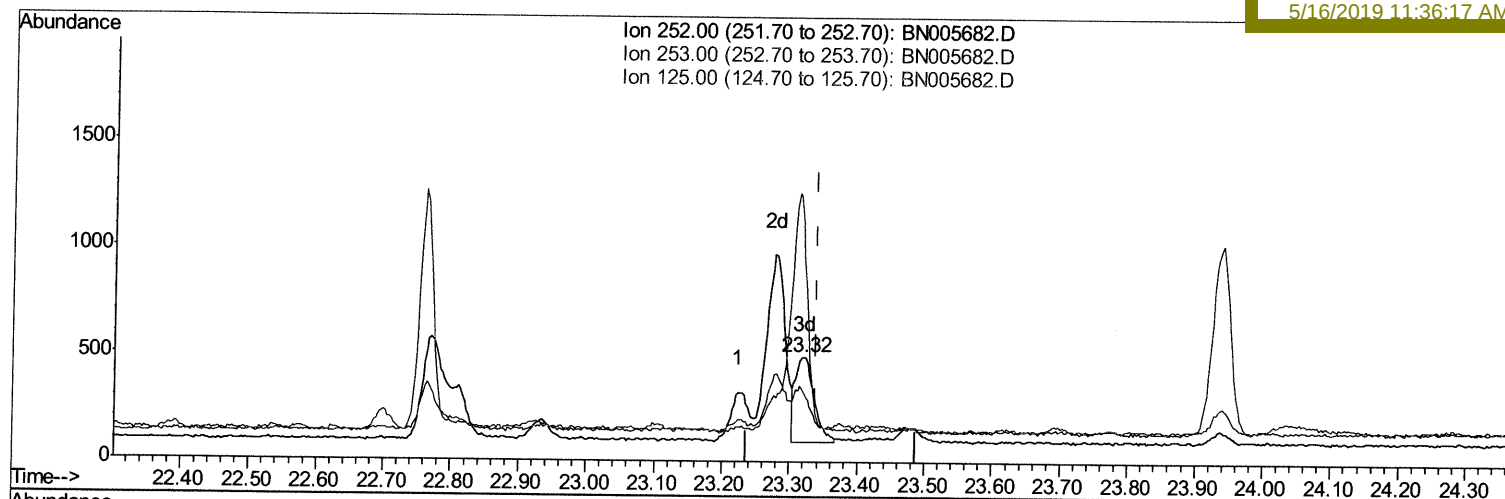
Instrument :
BNA_N
ClientSampleId :
A5187

Quant Time: May 14 16:00:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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5/16/2019 11:36:17 AM



TIC: BN005682.D

(23) Benzo(a)pyrene (C)

23.320min (-0.018) 0.04ng/ul m ⁵⁰ 05/24/19

response 776

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	67.14#
125.00	12.60	195.31#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005682.D
 Acq On : 14 May 2019 08:55
 Operator : JU/SJ
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 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	967	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	4142	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	2812	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	7081m	0.40	ng/ul	→0.01
16) Chrysene-d12	21.22	240	6881m	0.40	ng/ul	→0.00
20) Perylene-d12	23.43	264	5957m	0.40	ng/ul	→0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1818	0.28	ng/ul	0.01
14) Fluoranthene-d10	19.03	212	5759m	0.26	ng/ul	→0.00
Target Compounds						
15) Fluoranthene	19.06	202	1077m	0.040	ng/ul	→
17) Pyrene	19.42	202	1073	0.042	ng/ul#	73
18) Benzo(a)anthracene	21.22	228	702	0.030	ng/ul#	76
19) Chrysene	21.26	228	716	0.025	ng/ul#	83
23) Benzo(a)pyrene	23.32	252	776m	0.039	ng/ul	→

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