

Quantitation Report (QT Reviewed)

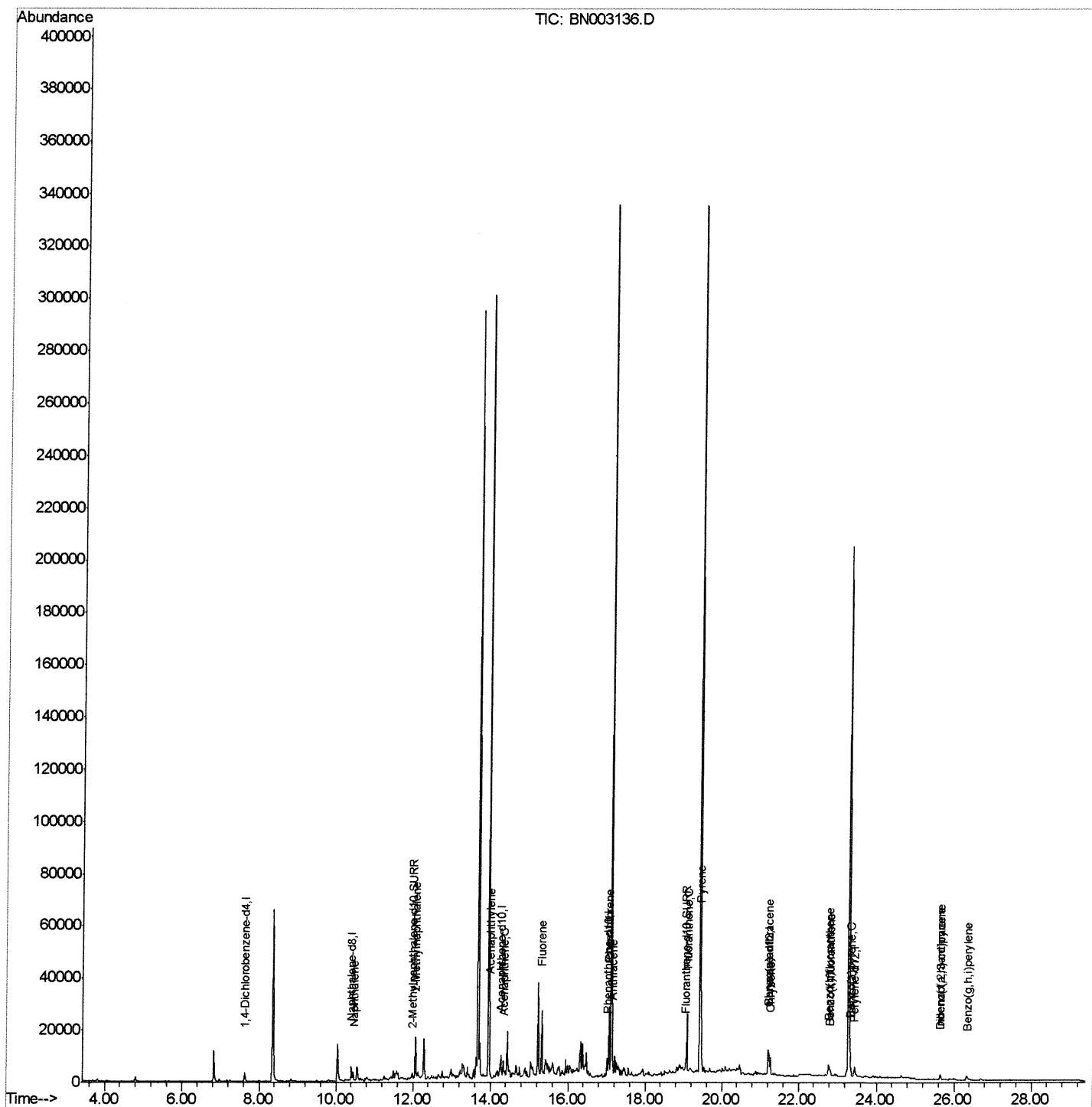
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003136.D
 Acq On : 12 Oct 2018 10:41
 Operator : MJ/SJ
 Sample : J5234-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAL0

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:48 PM

Quant Time: Oct 12 13:35:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 07:27:48 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

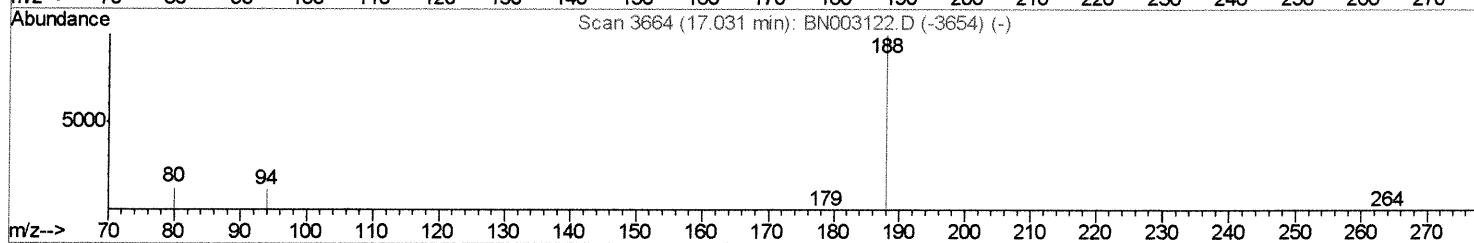
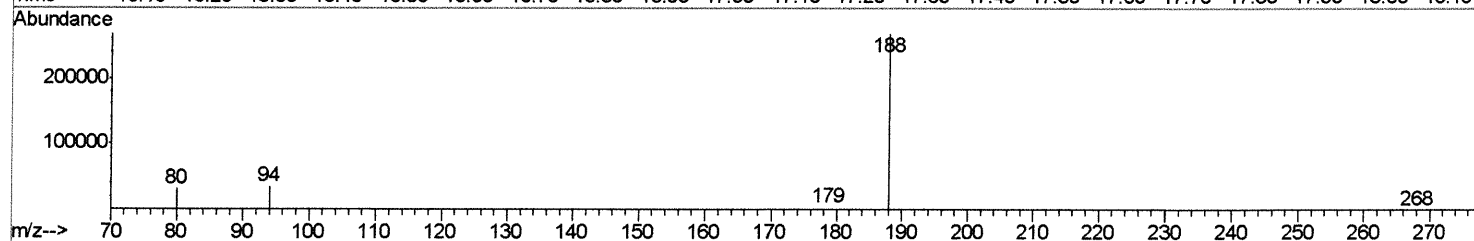
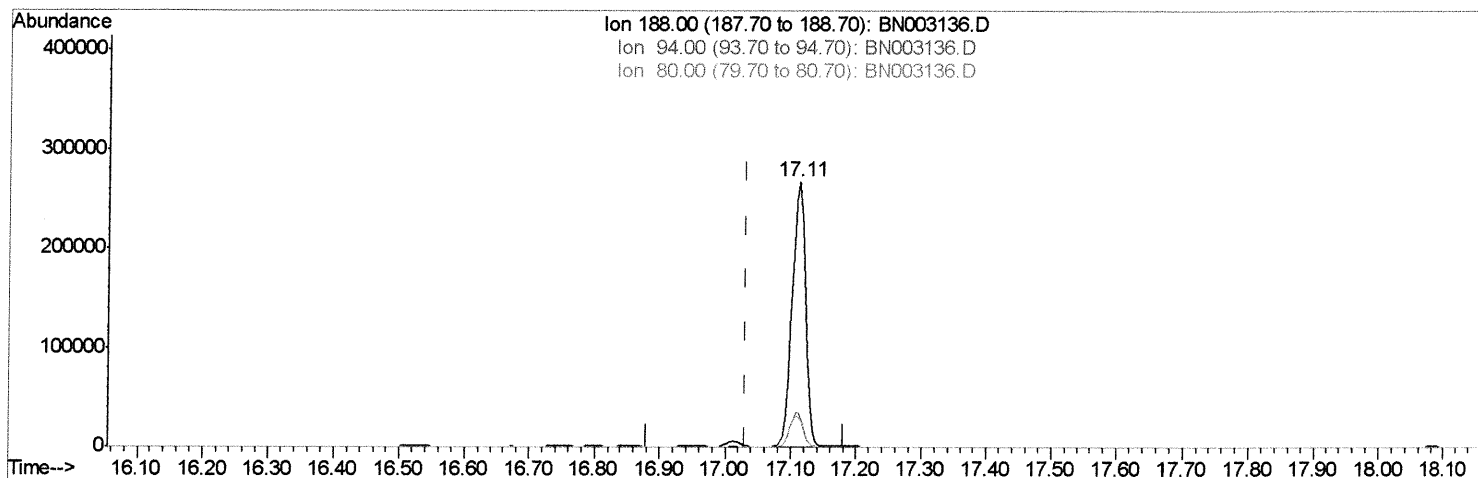
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
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Operator : MJ/SJ
Sample : J5234-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:48 PM

Quant Time: Oct 12 13:28:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
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TIC: BN003136.D

(10) Phenanthrene-d10 (I)

17.112min (+0.080) 0.40ng/ul

response 378890

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	12.81
80.00	12.70	11.57
0.00	0.00	0.00

Quantitation Report (Qedit)

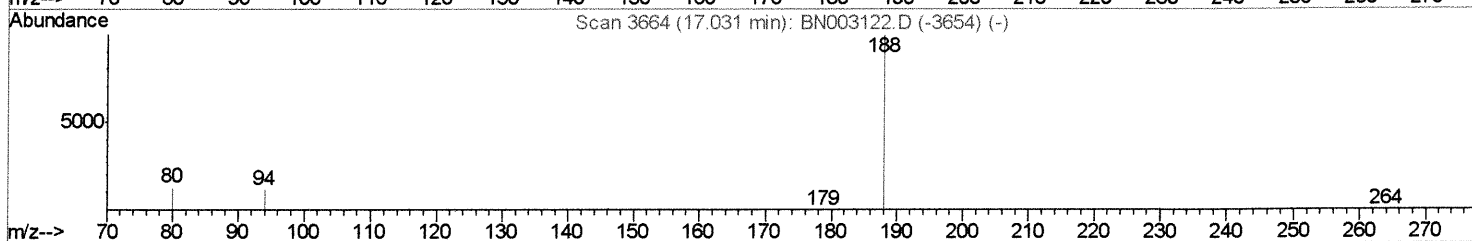
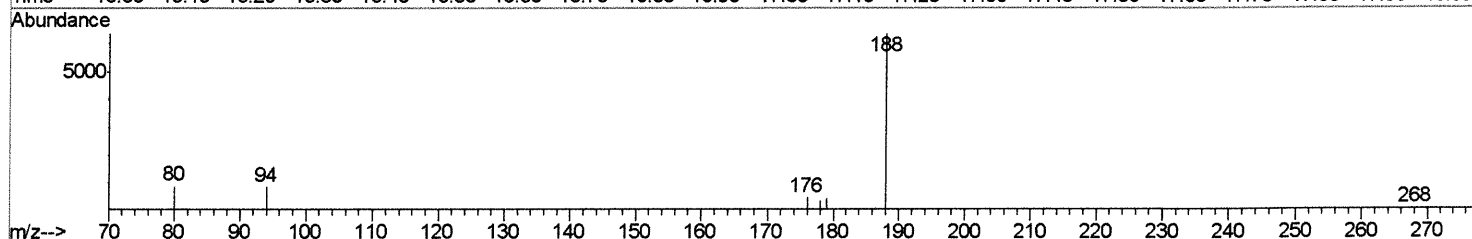
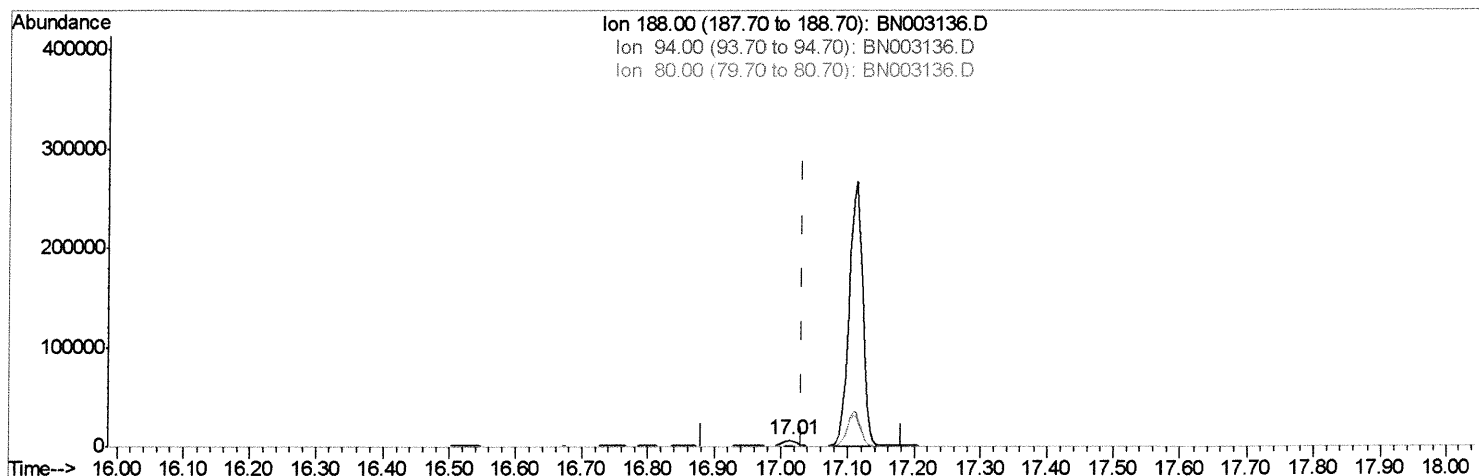
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(10) Phenanthrene-d10 (I)

17.014min (-0.017) 0.40ng/ul m> SJ 10/12/18

response 8182

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	13.62
80.00	12.70	13.92
0.00	0.00	0.00

Quantitation Report (Qedit)

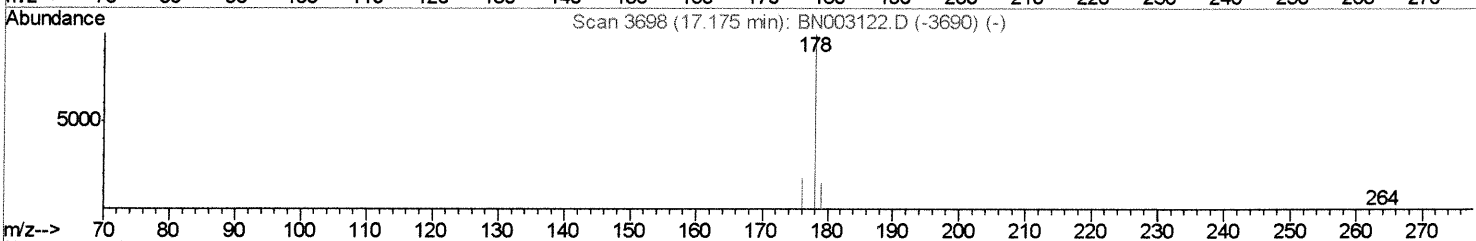
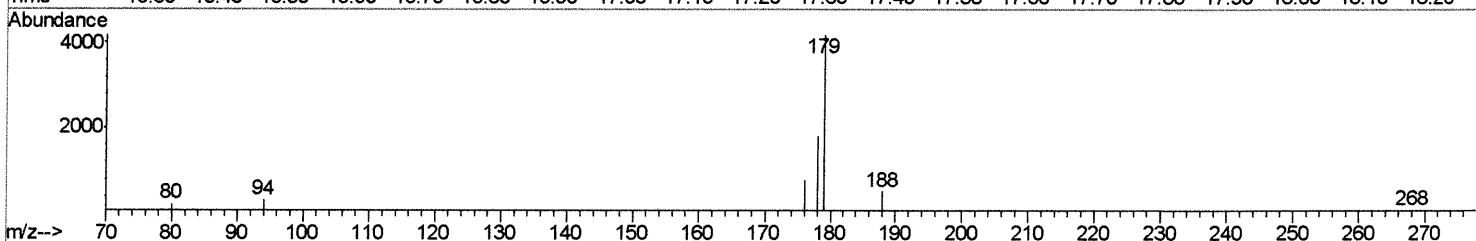
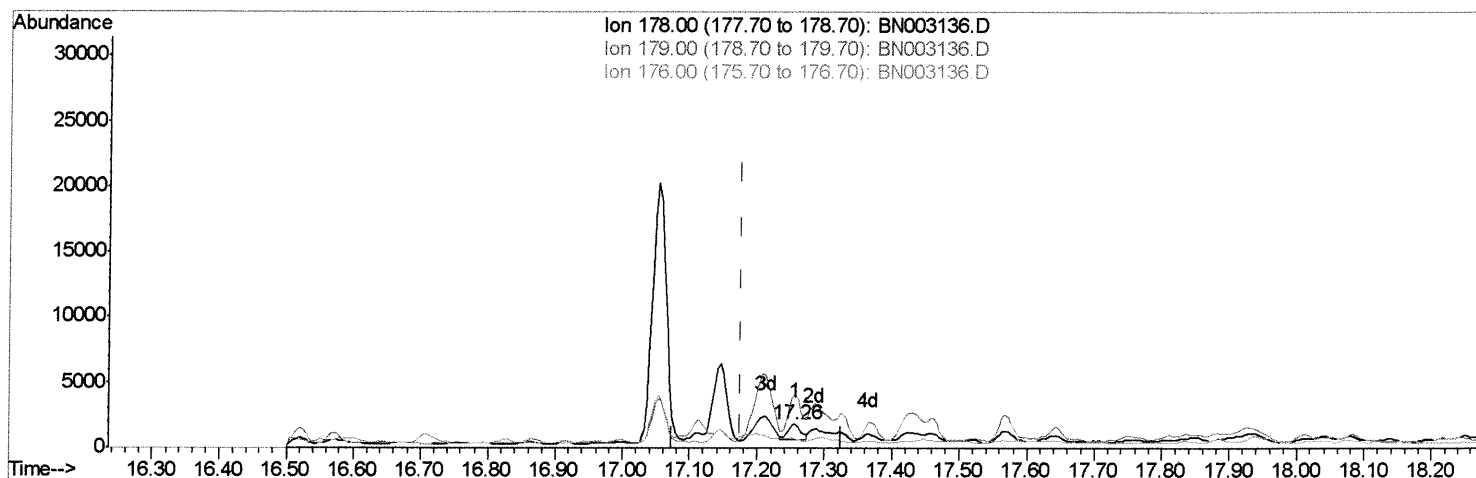
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 Misc :
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 ClientSampled :
 COAL0

Manual Integrations
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(13) Anthracene

17.255min (+0.080) 0.07ng/ul

response 1603

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	230.90#
176.00	19.10	41.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

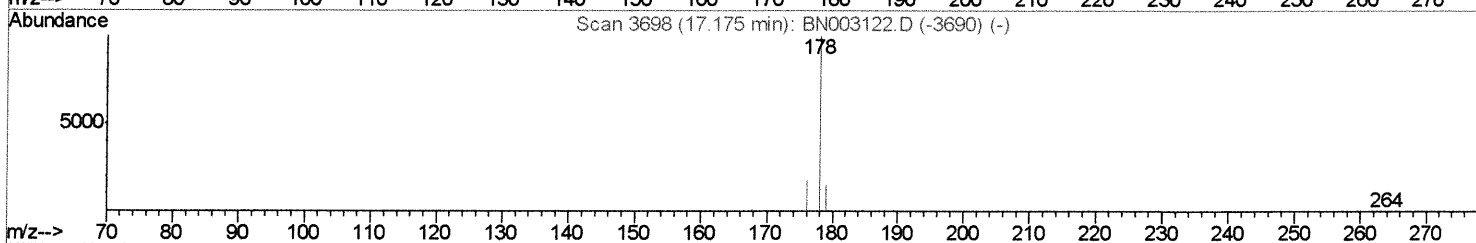
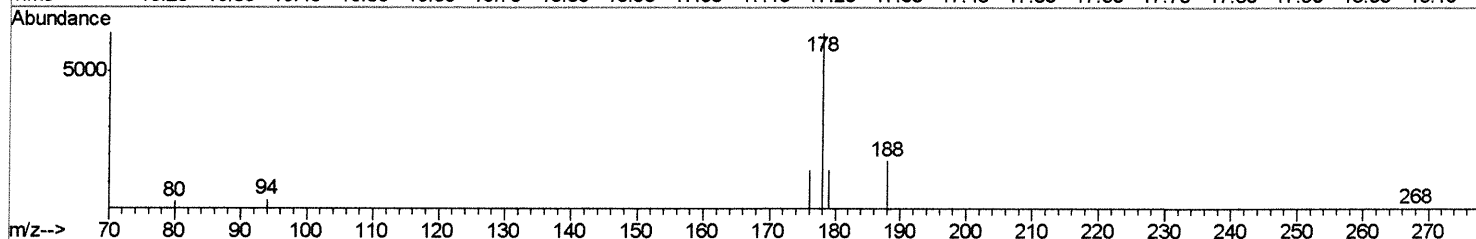
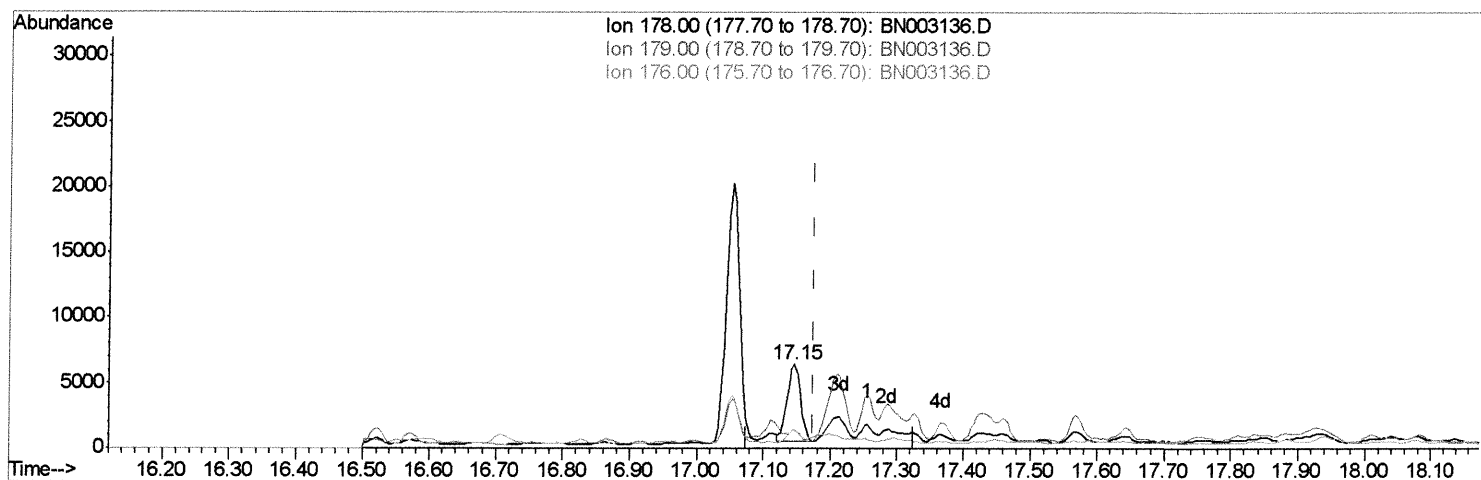
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Manual Integrations
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TIC: BN003136.D

(13) Anthracene

17.145min (-0.029) 0.38ng/ul m > SJ 10/12/18

response 8261

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	22.75#
176.00	19.10	22.74
0.00	0.00	0.00

Quantitation Report (Qedit)

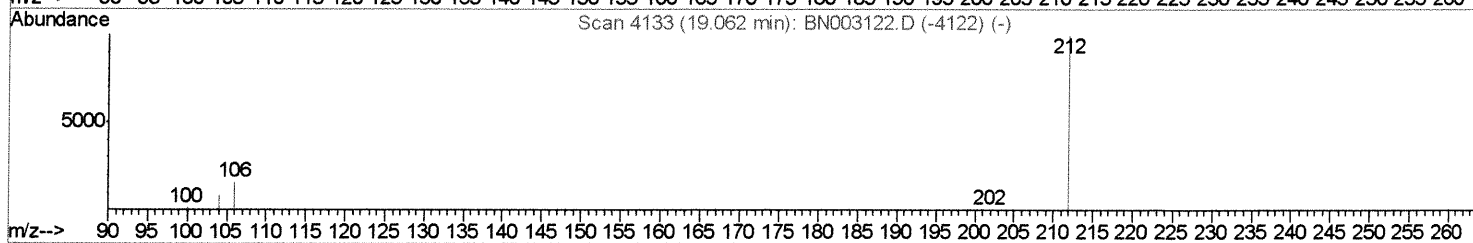
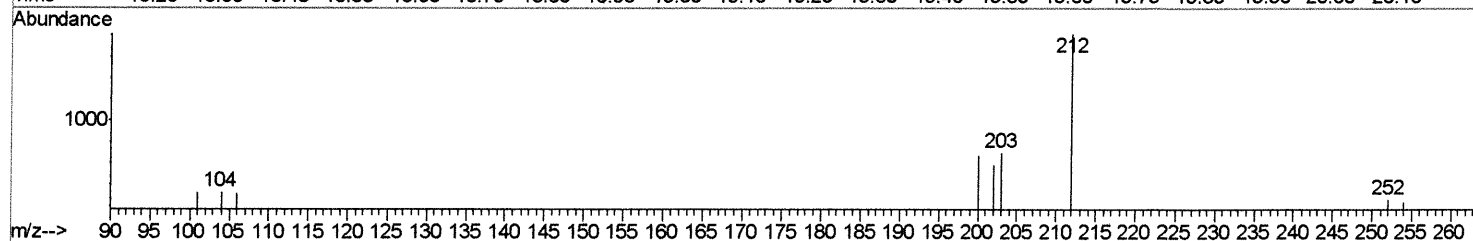
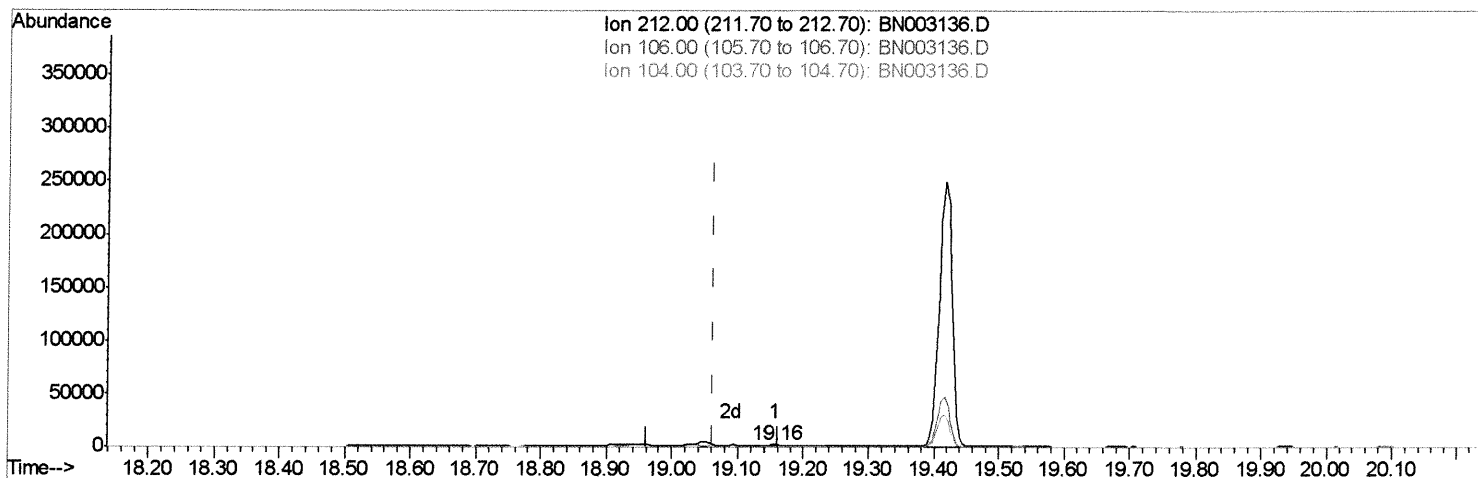
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ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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(14) Fluoranthene-d10 (SURR)

19.155min (+0.093) 0.12ng/ul

response 2920

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	0.00#
104.00	8.60	1.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

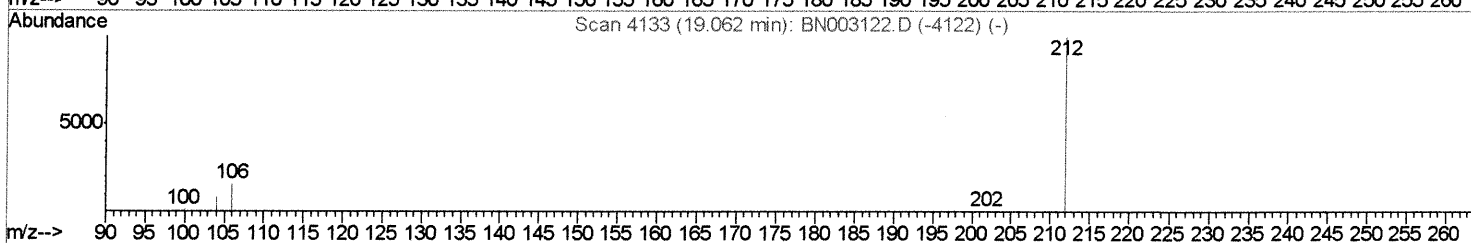
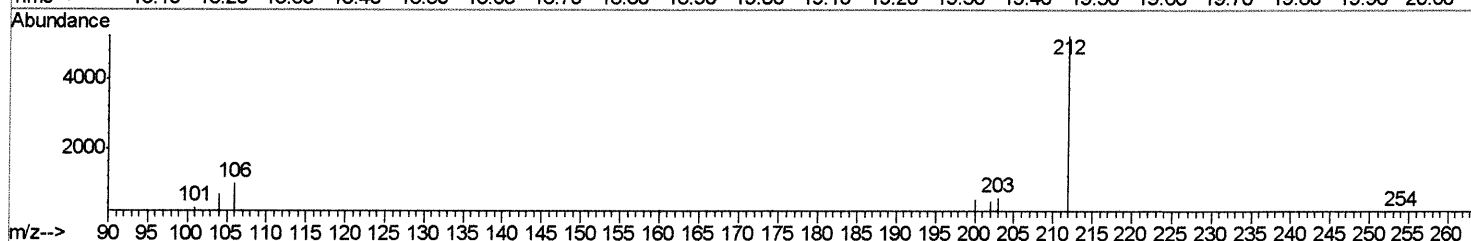
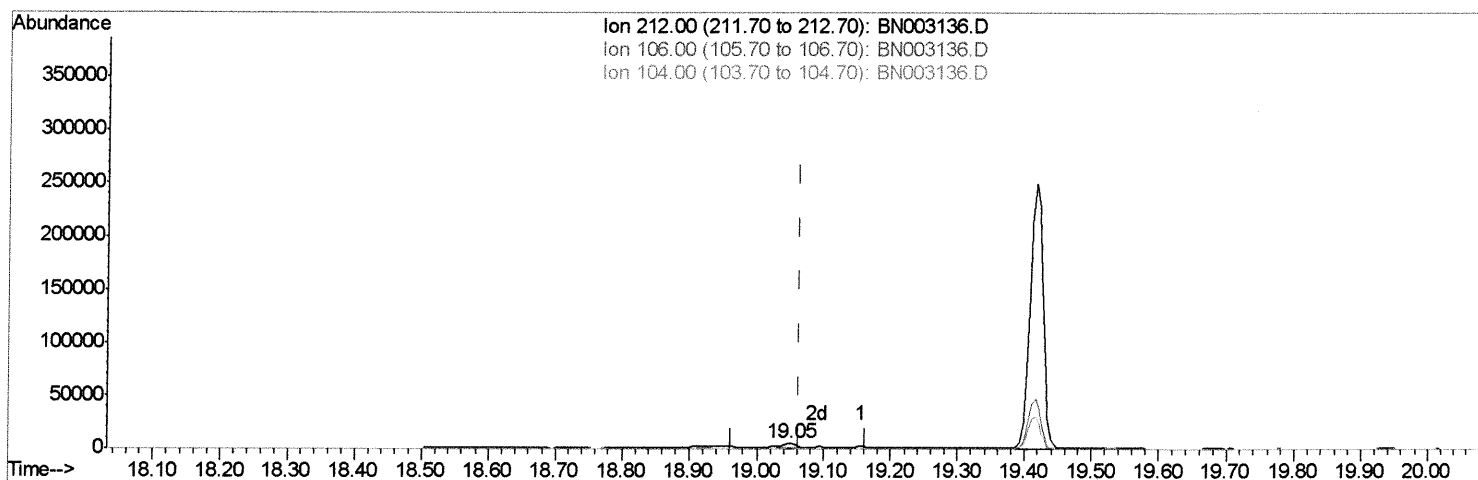
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 Sample : J5234-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BN003136.D

(14) Fluoranthene-d10 (SURR)

19.048min (-0.014) 0.23ng/ul m) SJ 10/11/18

response 5451

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	0.00#
104.00	8.60	0.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

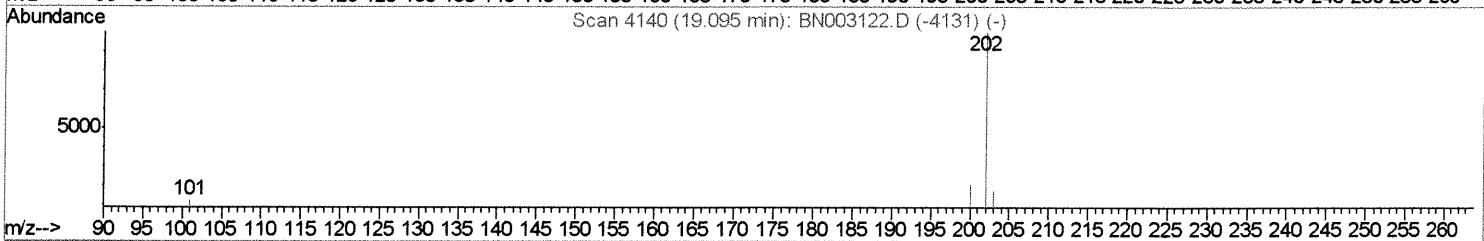
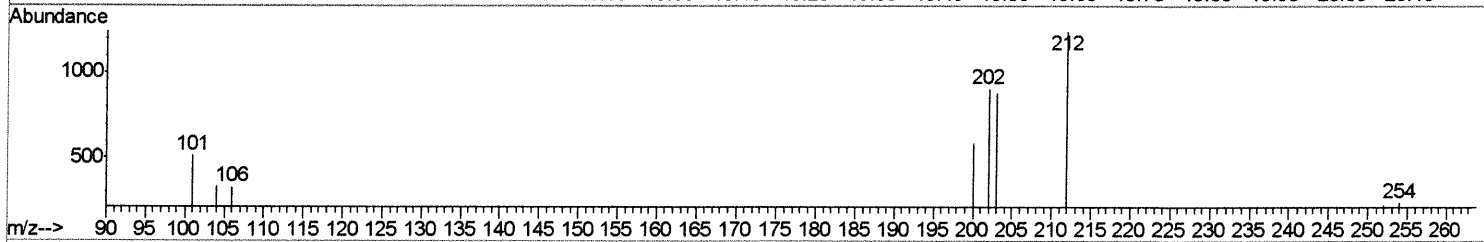
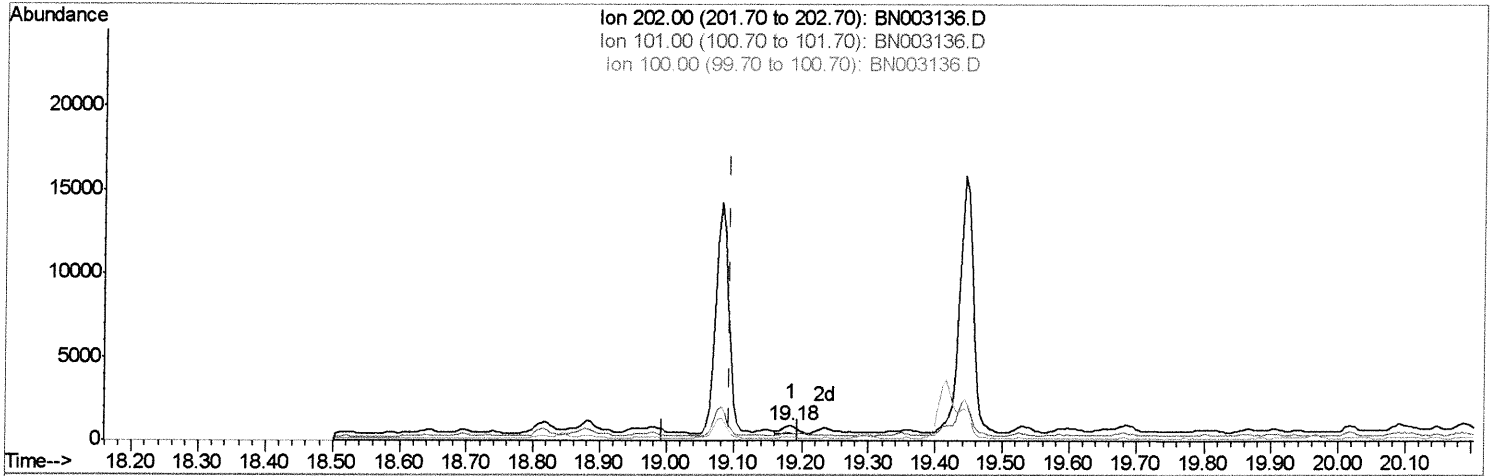
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 Sample : J5234-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL0

Manual Integrations
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(15) Fluoranthene (C)

19.183min (+0.088) 0.02ng/ul

response 589

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	56.92#
100.00	9.10	23.37
0.00	0.00	0.00

Quantitation Report (Qedit)

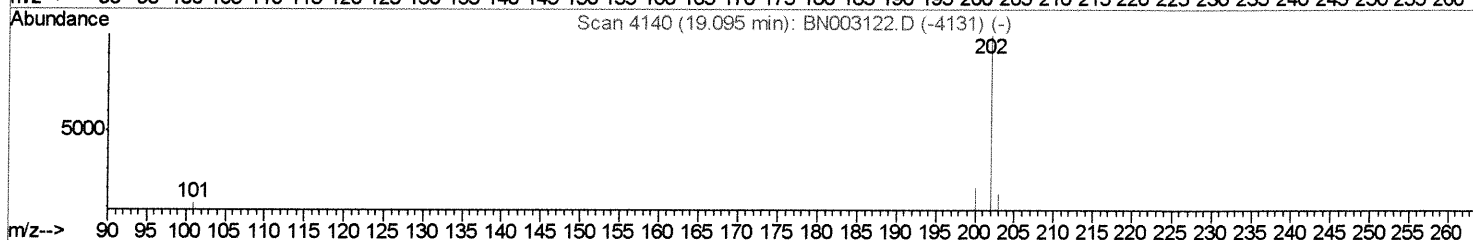
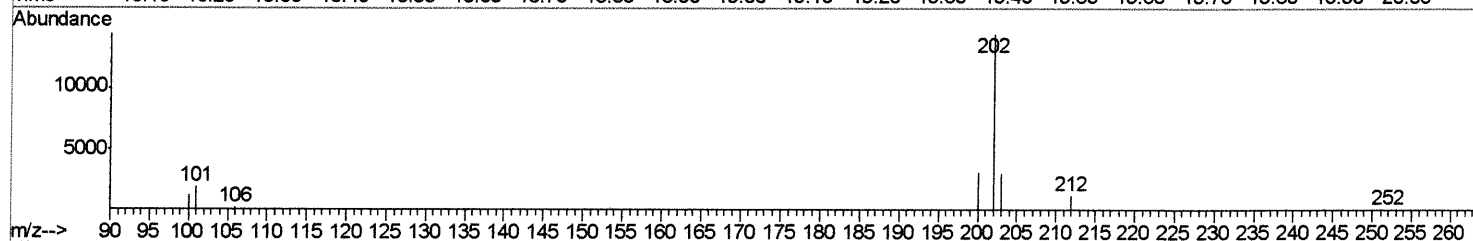
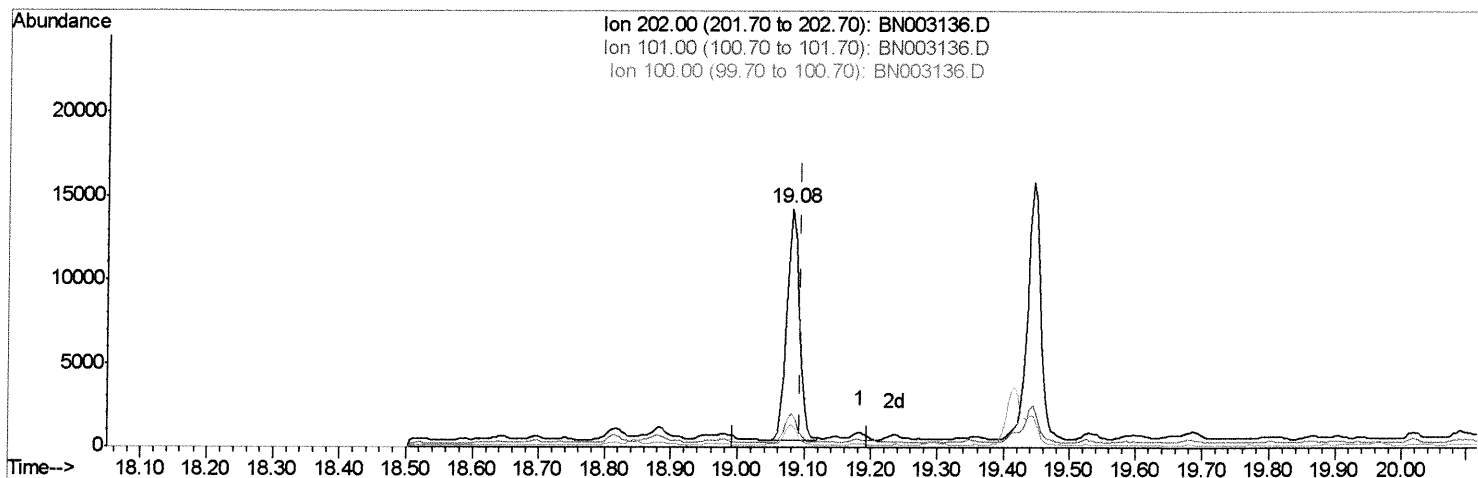
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 Data File : BN003136.D
 Acq On : 12 Oct 2018 10:41
 Operator : MJ/SJ
 Sample : J5234-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL0

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:48 PM

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TIC: BN003136.D

(15) Fluoranthene (C)

19.081min (-0.014) 0.69ng/ul m) SJ 10/12/18

response 18467

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	14.11
100.00	9.10	9.53
0.00	0.00	0.00

Quantitation Report (Qedit)

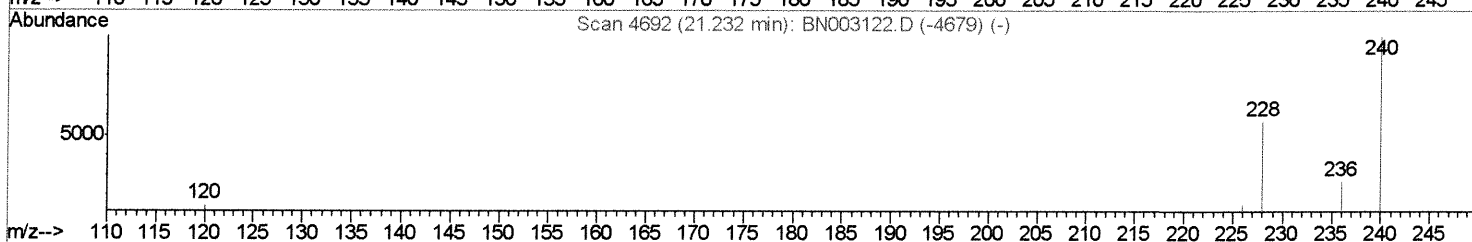
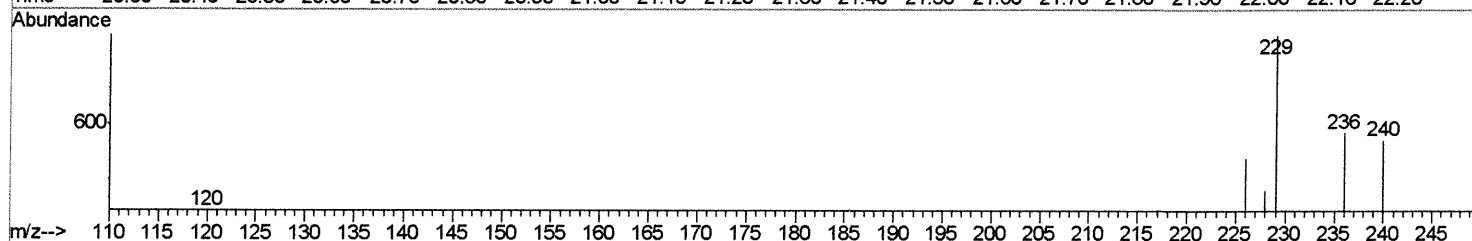
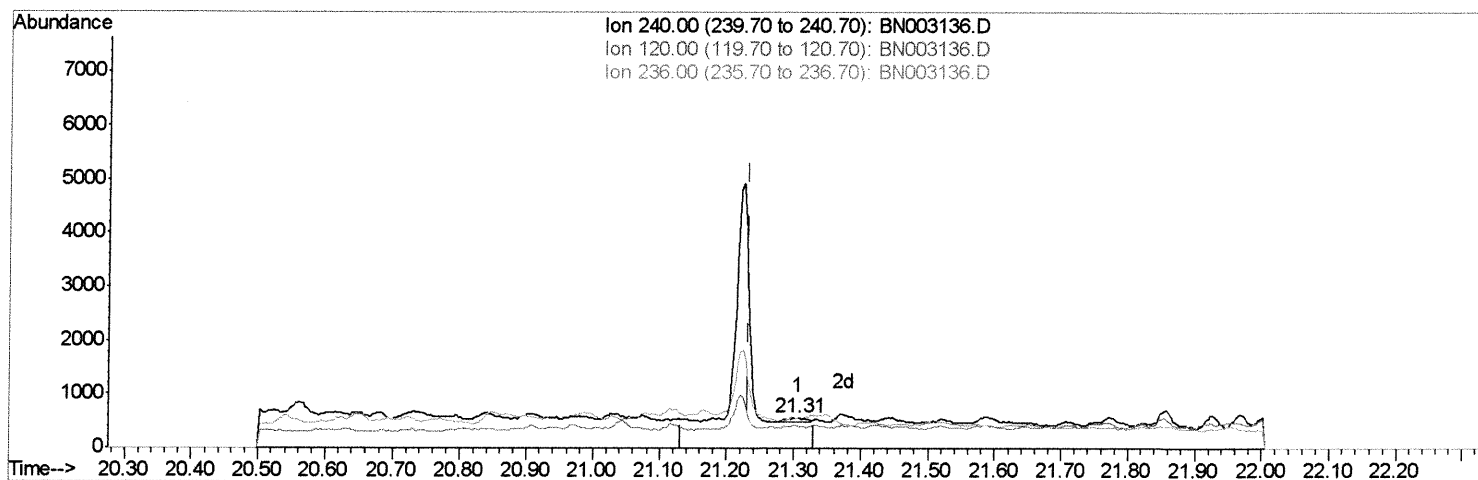
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 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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 C0AL0

Manual Integrations
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(16) Chrysene-d12 (I)

21.306min (+0.074) 0.40ng/ul

response 174

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	72.44#
236.00	28.10	102.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

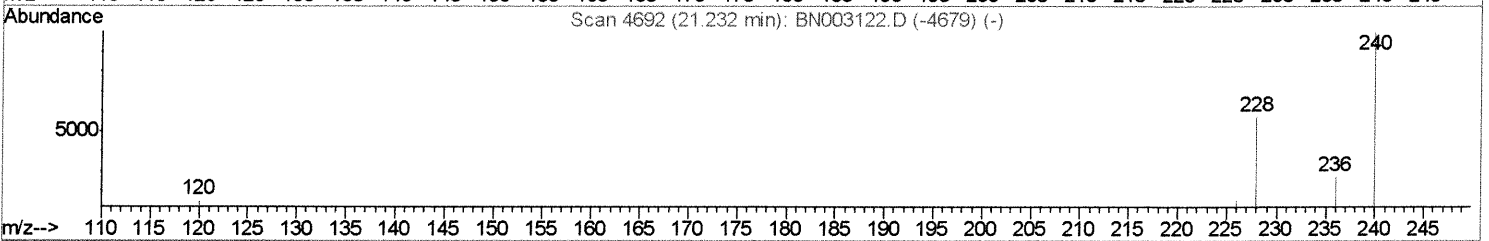
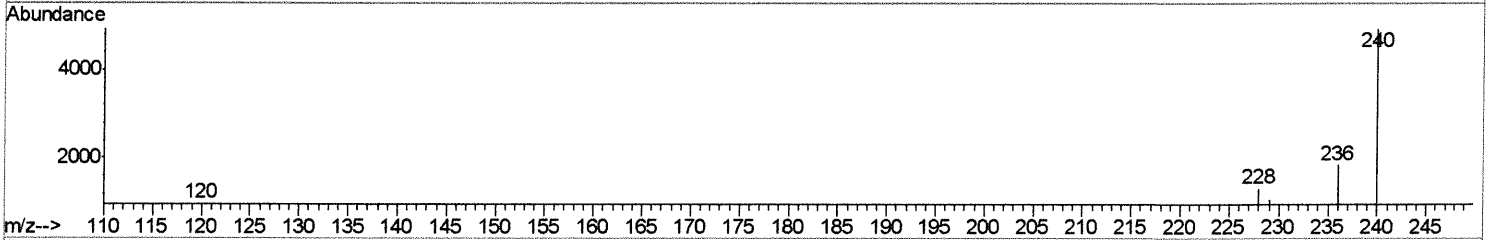
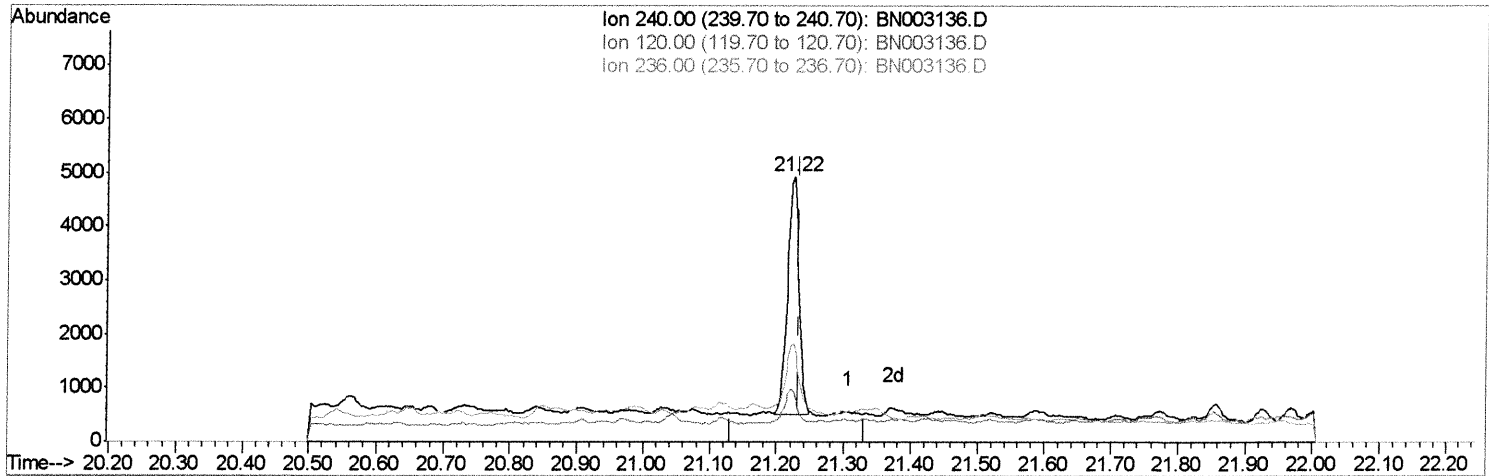
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Instrument :
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Manual Integrations
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(16) Chrysene-d12 (I)

21.224min (-0.007) 0.40ng/ul m) SJ 10/12/18

response 5280

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	19.22
236.00	28.10	37.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

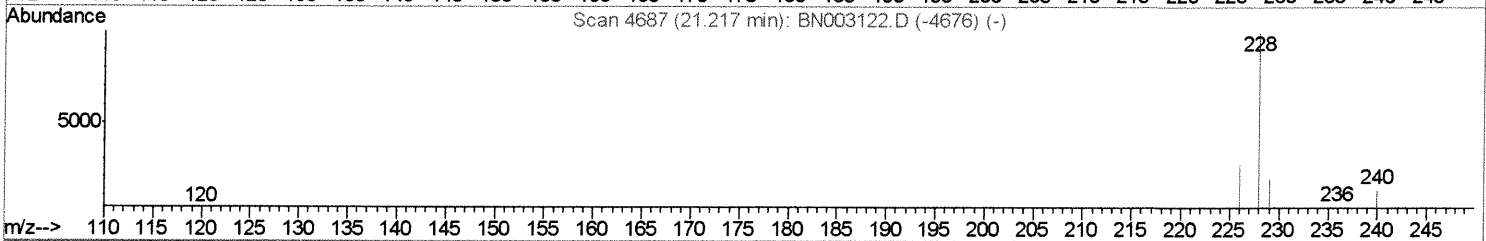
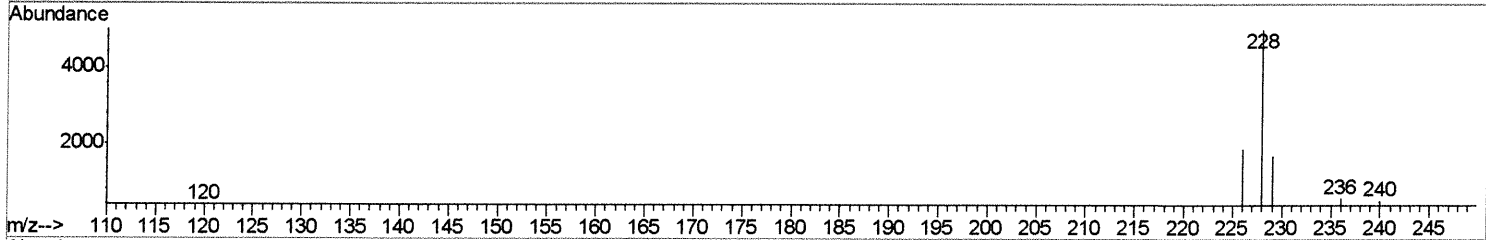
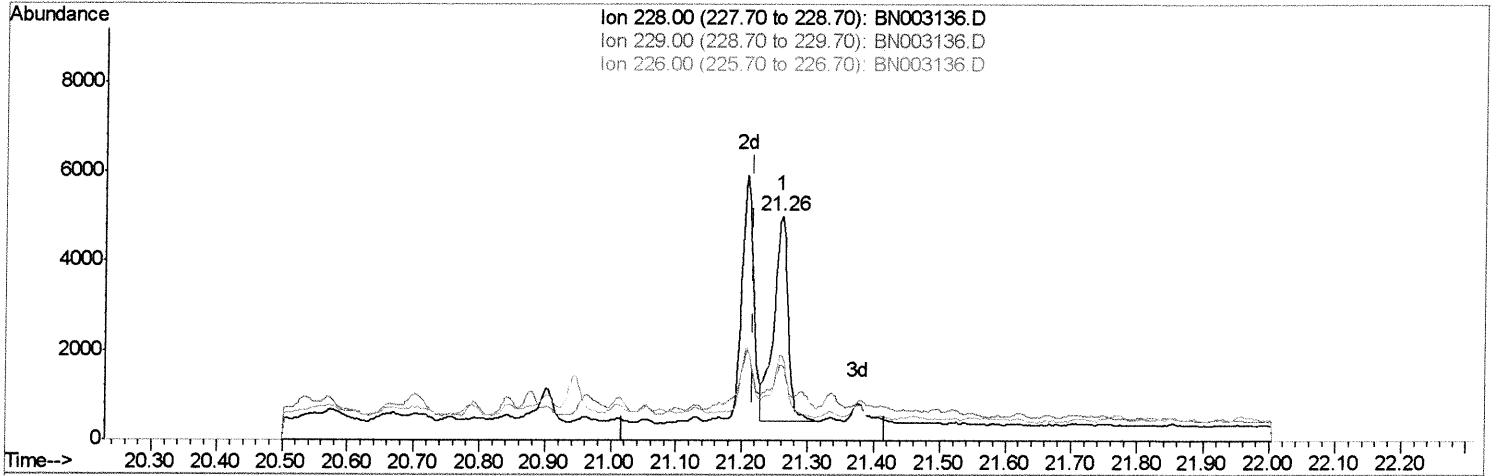
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TIC: BN003136.D

(18) Benzo(a)anthracene
 21.260min (+0.042) 0.41ng/ul
 response 7037

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	33.33#
226.00	27.90	37.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

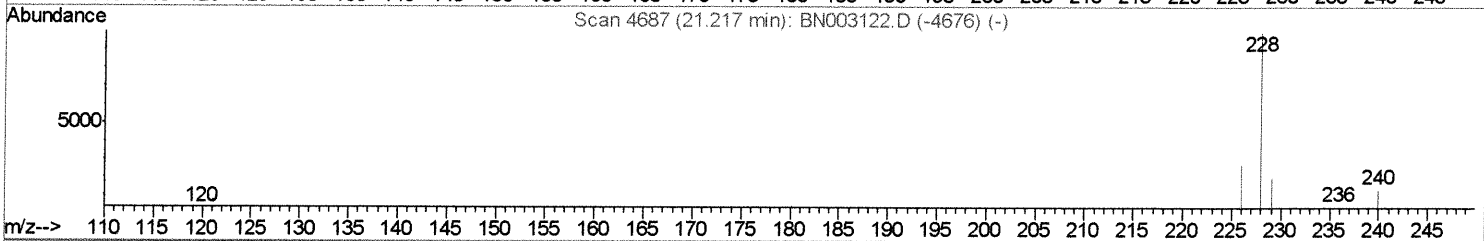
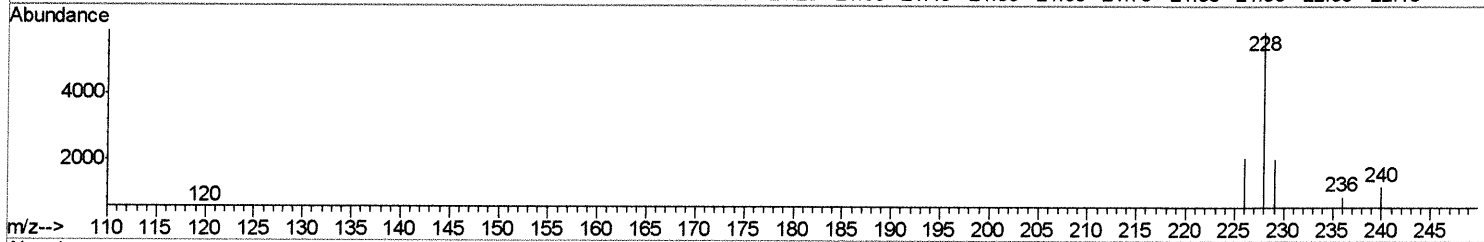
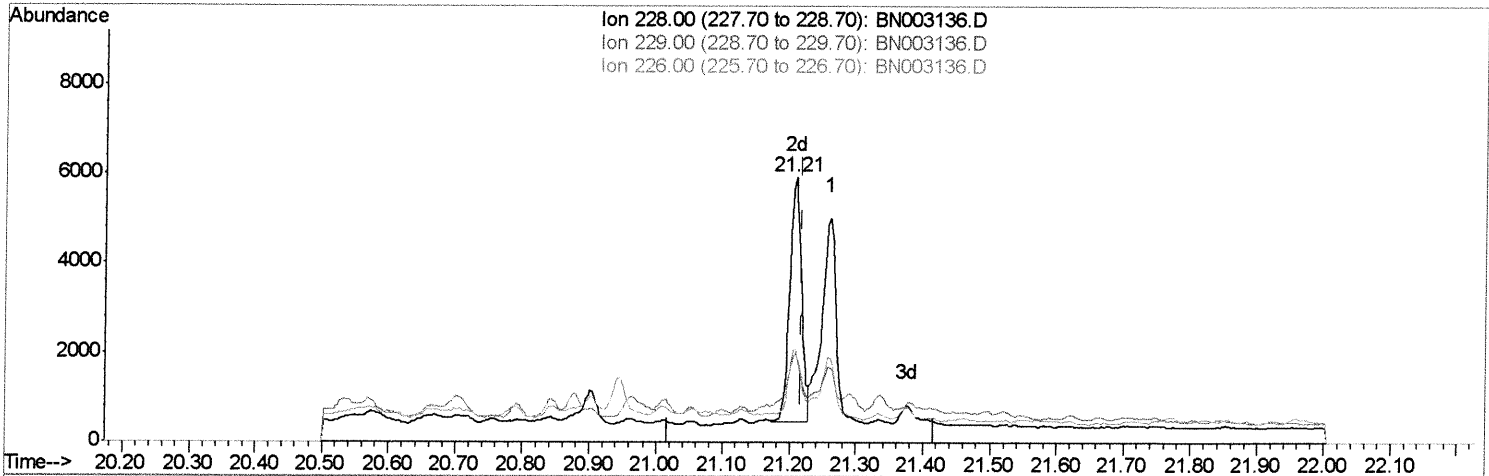
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(18) Benzo(a)anthracene

21.207min (-0.010) 0.40ng/ul m> SJ 10/12/18

response 6769

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	34.19#
226.00	27.90	34.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

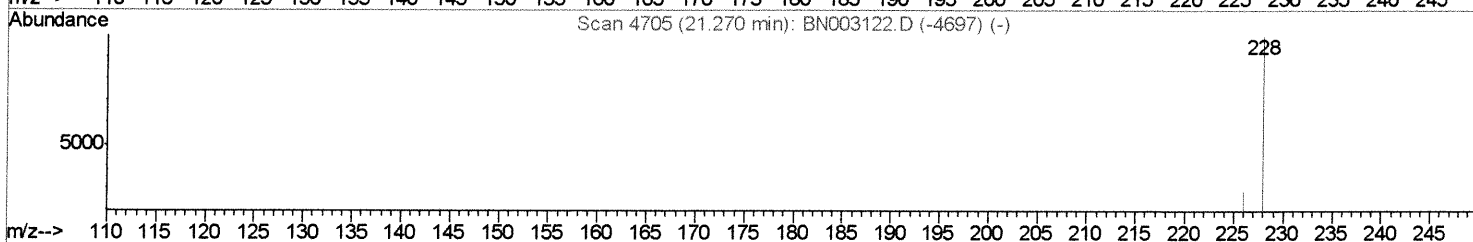
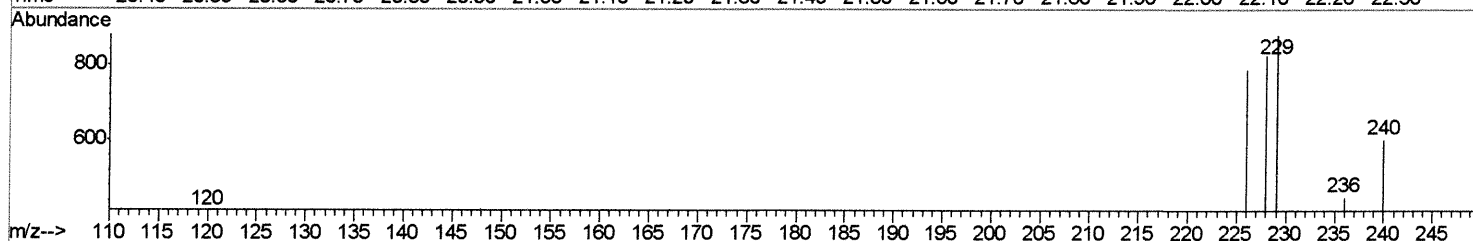
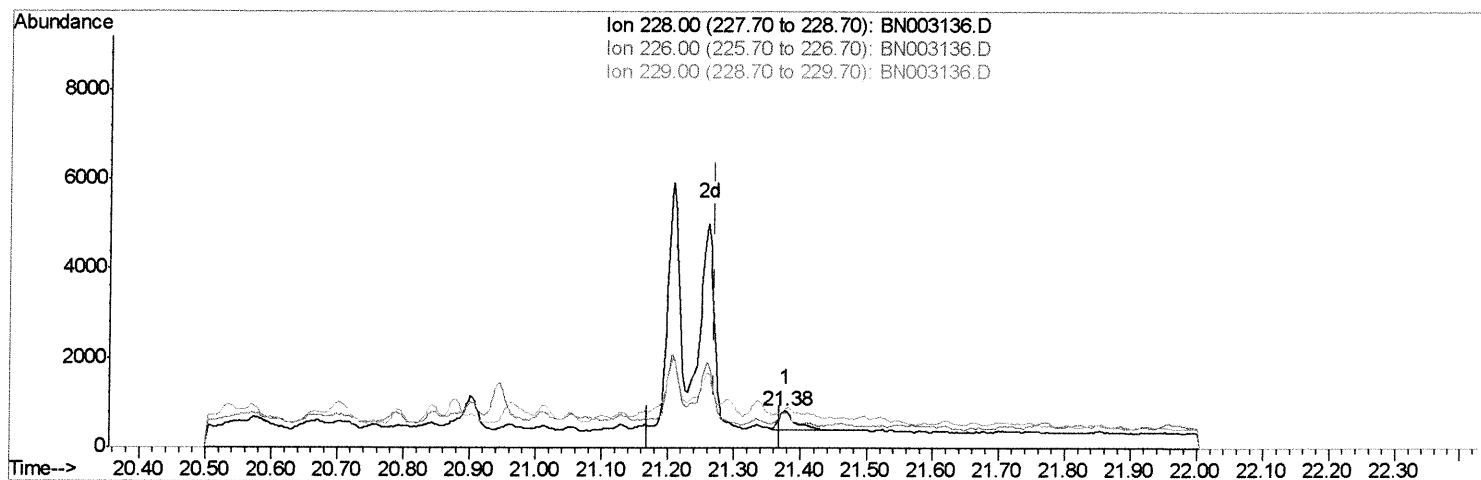
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TIC: BN003136.D

(19) Chrysene

21.376min (+0.106) 0.04ng/ul

response 699

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	95.52#
229.00	20.90	106.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

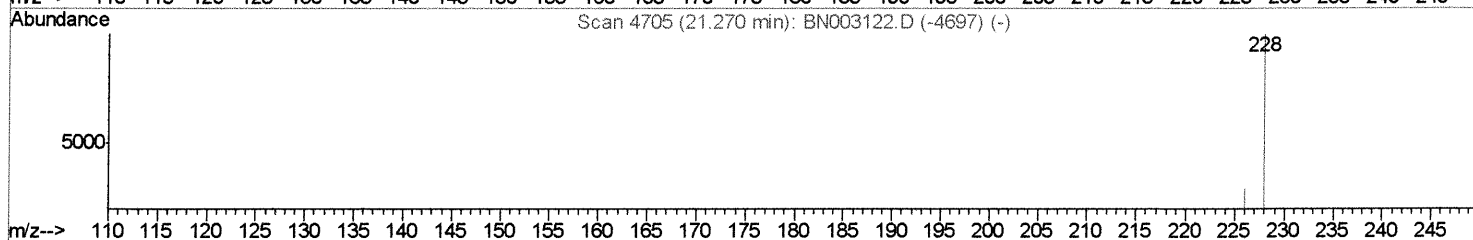
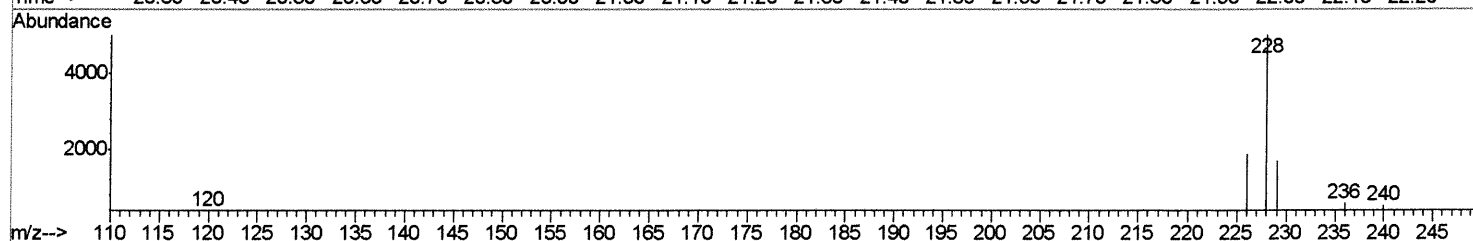
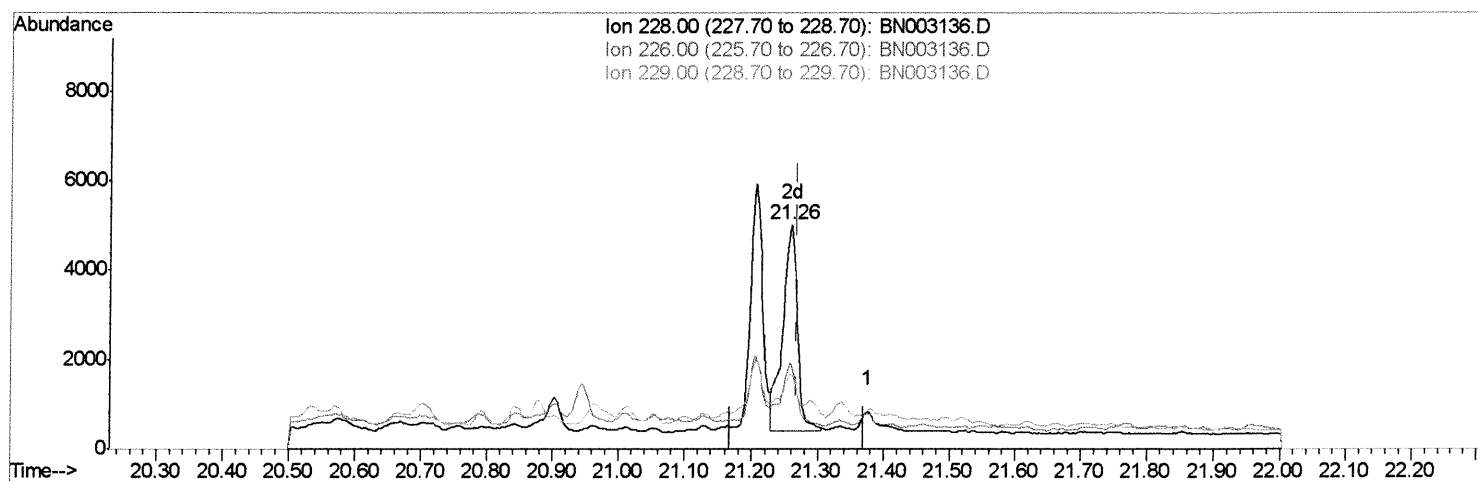
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003136.D
Acq On : 12 Oct 2018 10:41
Operator : MJ/SJ
Sample : J5234-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL0

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:48 PM

Quant Time: Oct 12 13:31:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration



TIC: BN003136.D

(19) Chrysene

21.260min (-0.010) 0.41ng/ul m) SJ 10/12/18

response 7128

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	37.62#
229.00	20.90	33.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

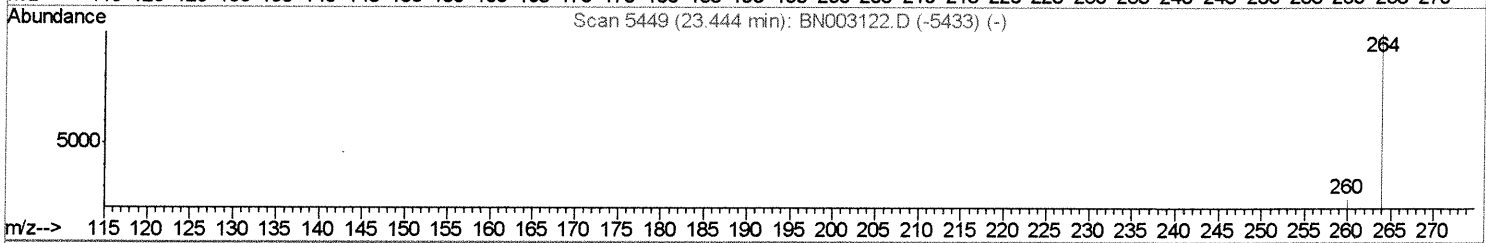
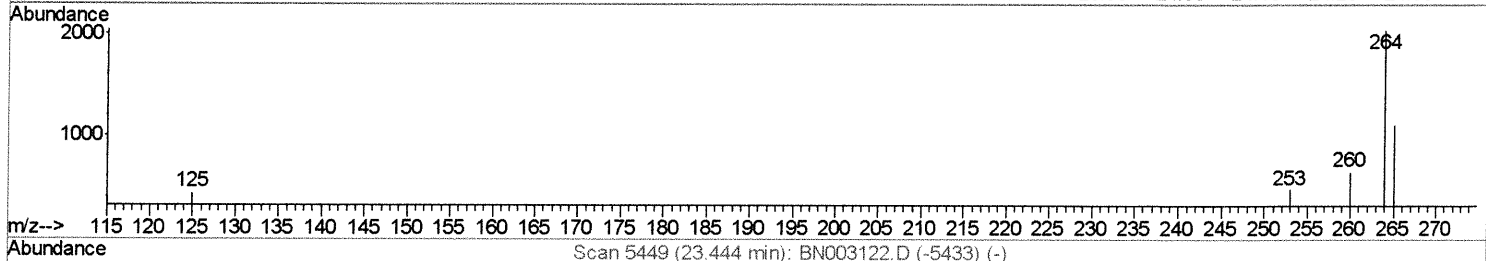
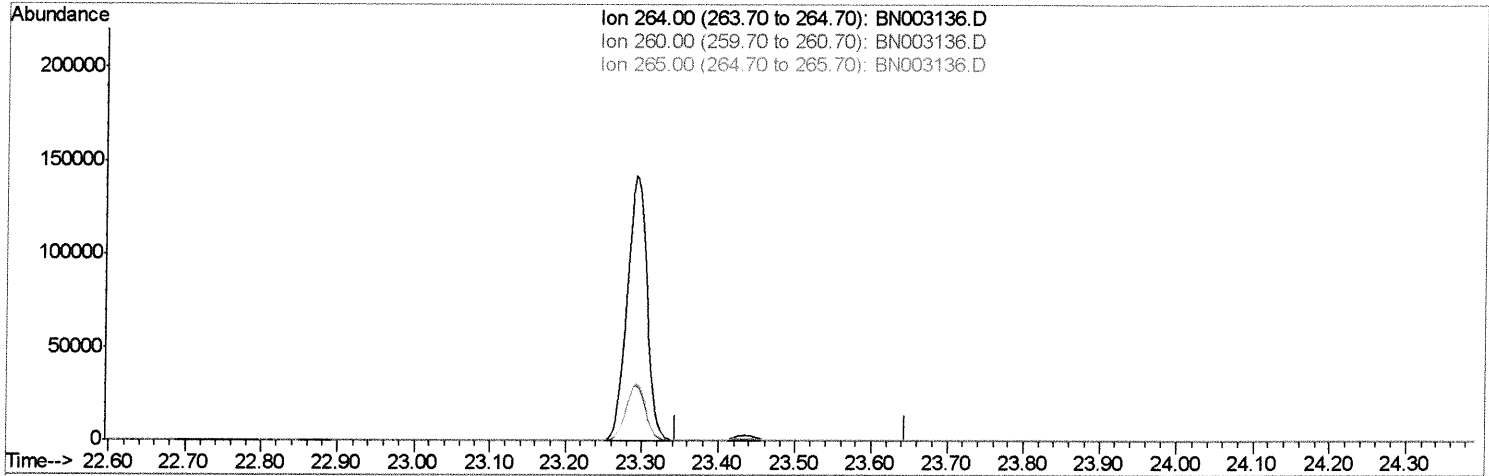
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003136.D
 Acq On : 12 Oct 2018 10:41
 Operator : MJ/SJ
 Sample : J5234-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAL0

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:48 PM

Quant Time: Oct 12 13:31:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 07:27:48 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)
 23.444min (-23.444) 0.00ng/ul
 response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	28.70	0.00#
265.00	45.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

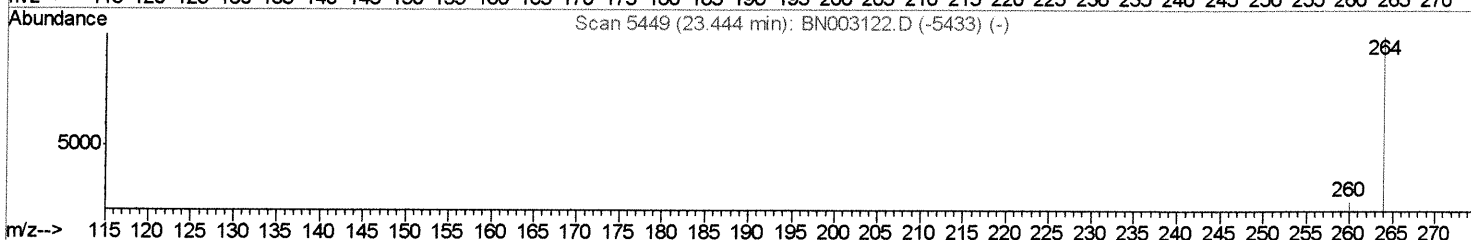
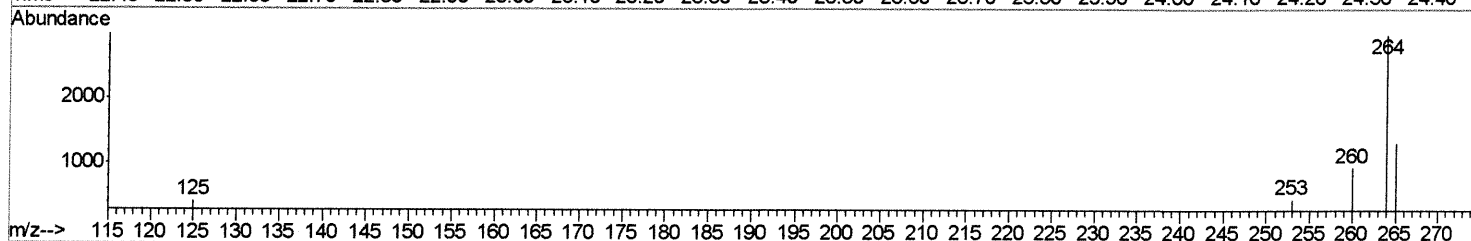
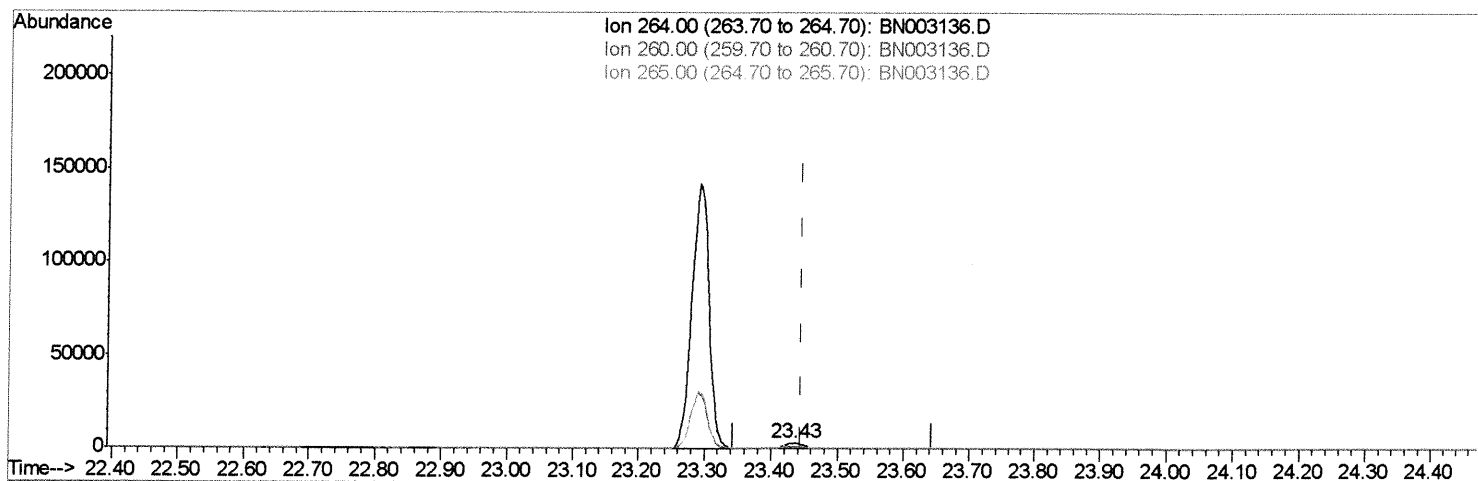
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003136.D
 Acq On : 12 Oct 2018 10:41
 Operator : MJ/SJ
 Sample : J5234-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 COALO

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:48 PM

Quant Time: Oct 12 13:31:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 07:27:48 2018
 Response via : Initial Calibration



TIC: BN003136.D

(20) Perylene-d12 (I)

23.434min (-0.010) 0.40ng/ul m) SJ 10/12/18

response 4870

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	31.75
265.00	45.40	44.02
0.00	0.00	0.00

Quantitation Report (Qedit)

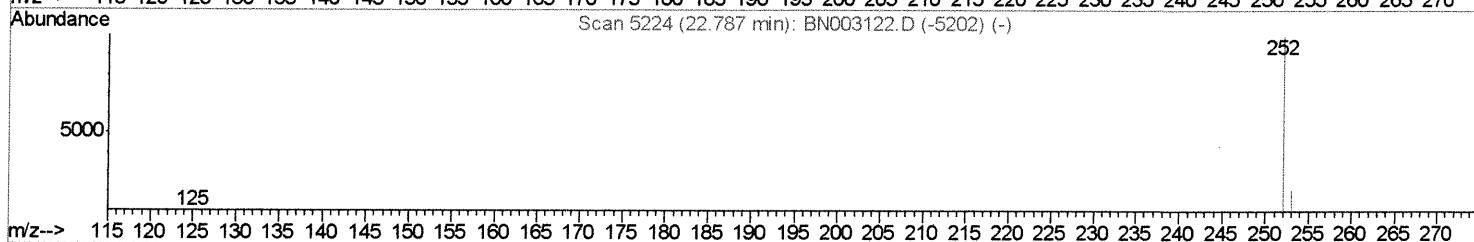
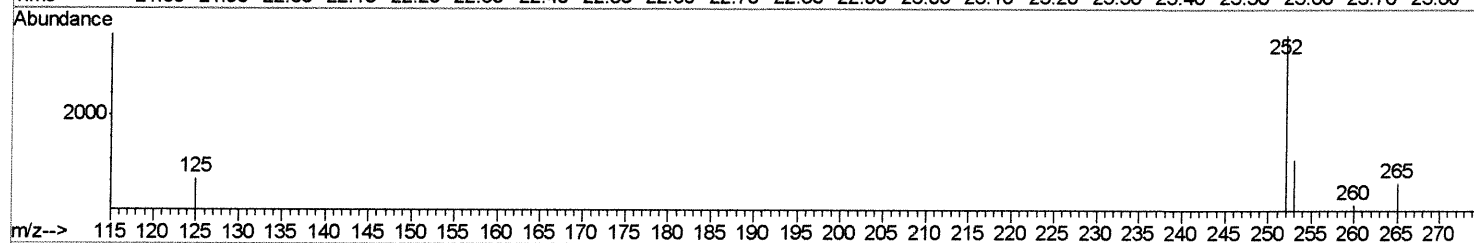
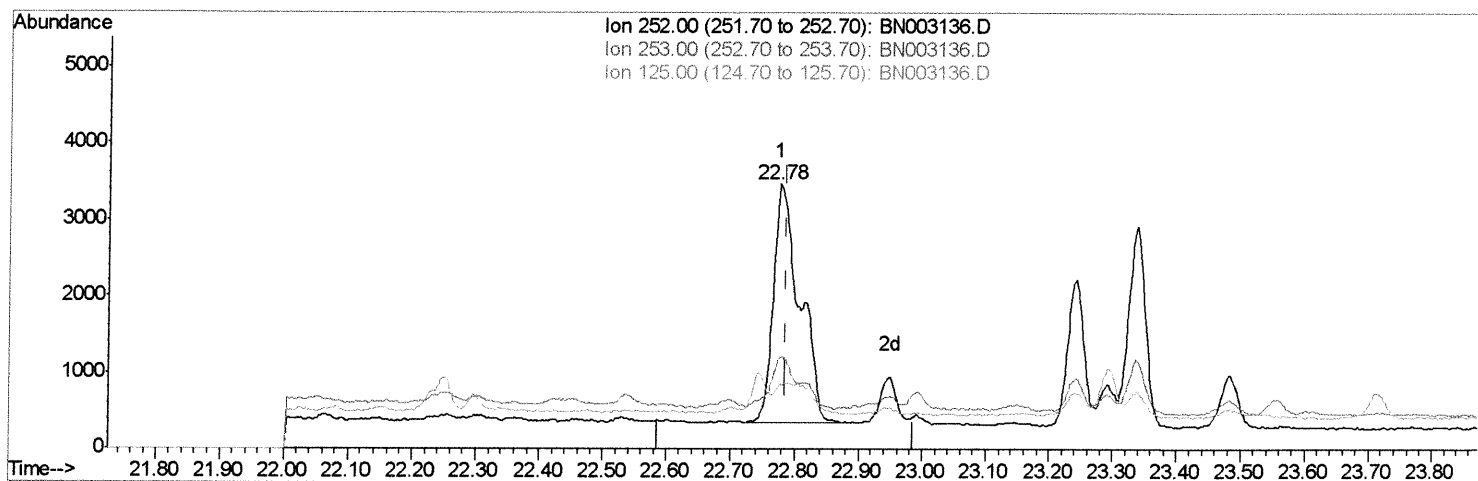
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003136.D
Acq On : 12 Oct 2018 10:41
Operator : MJ/SJ
Sample : J5234-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COAL0

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:48 PM

Quant Time: Oct 12 13:32:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration



TIC: BN003136.D

(21) Benzo(b)fluoranthene
22.776min (-0.010) 0.51ng/ul
response 8884

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.57
125.00	17.10	24.62
0.00	0.00	0.00

Quantitation Report (Qedit)

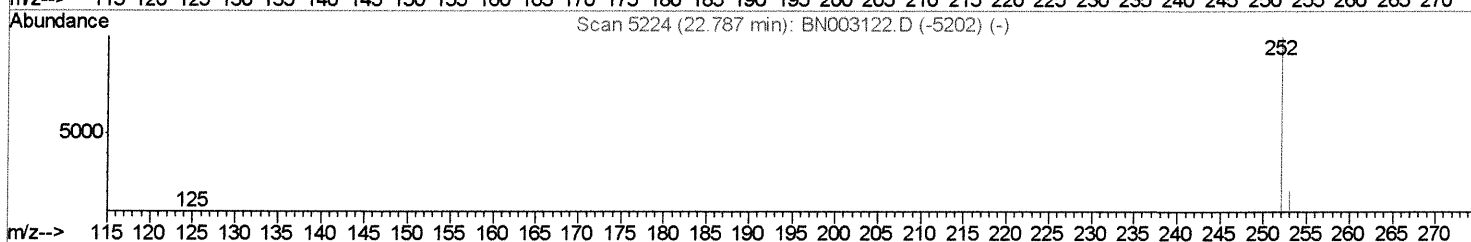
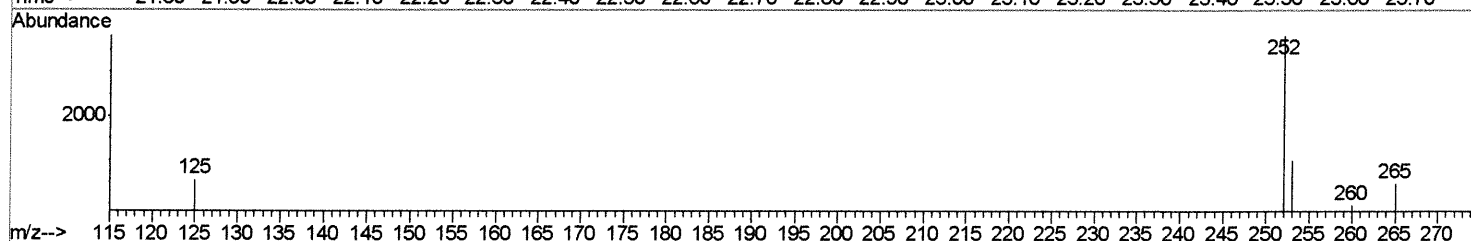
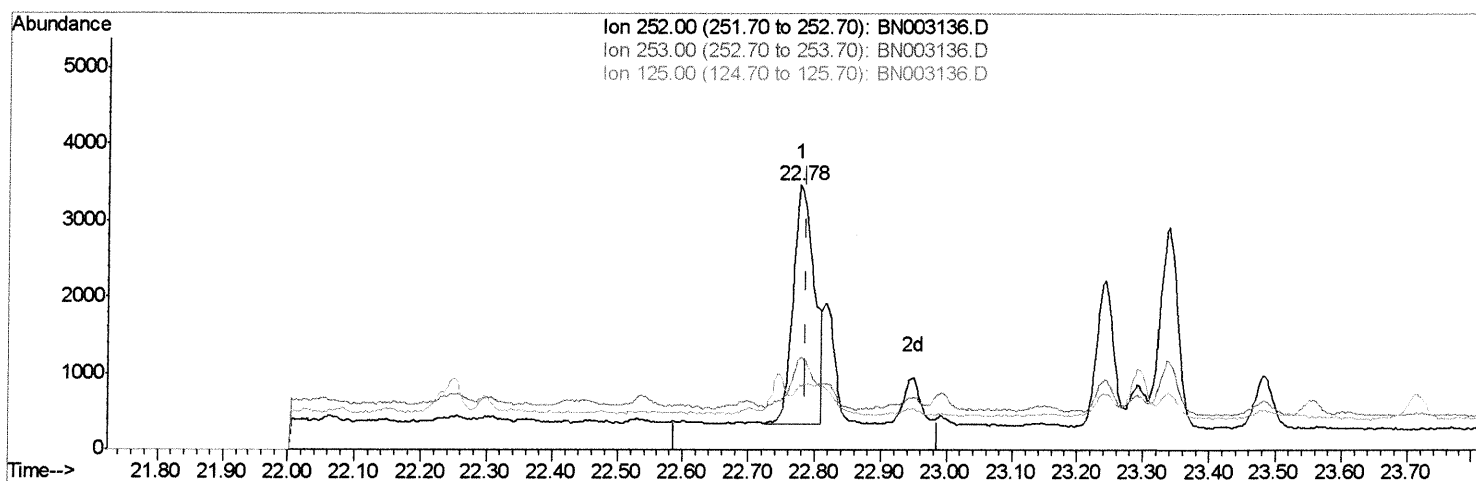
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003136.D
 Acq On : 12 Oct 2018 10:41
 Operator : MJ/SJ
 Sample : J5234-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL0

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:48 PM

Quant Time: Oct 12 13:32:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 07:27:48 2018
 Response via : Initial Calibration



TIC: BN003136.D

(21) Benzo(b)fluoranthene

22.776min (-0.010) 0.40ng/ul m> SA 10/12/18

response 6966

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.57
125.00	17.10	24.62
0.00	0.00	0.00

Quantitation Report (Qedit)

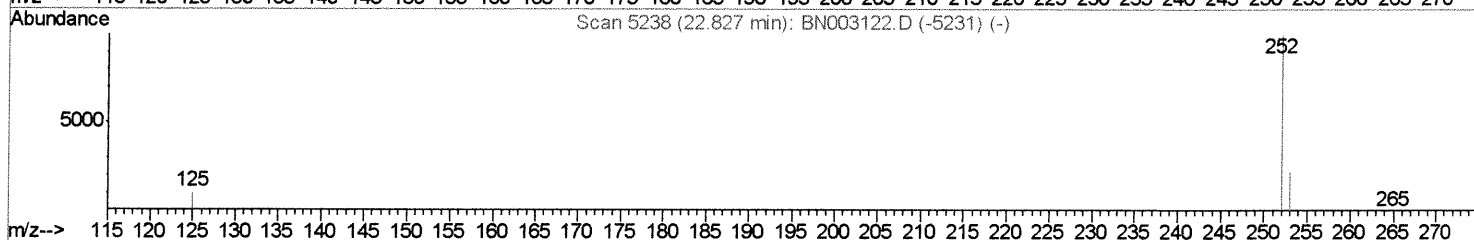
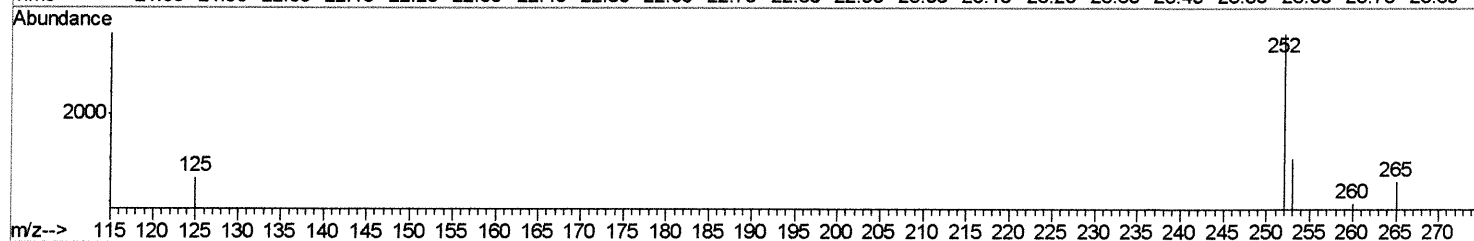
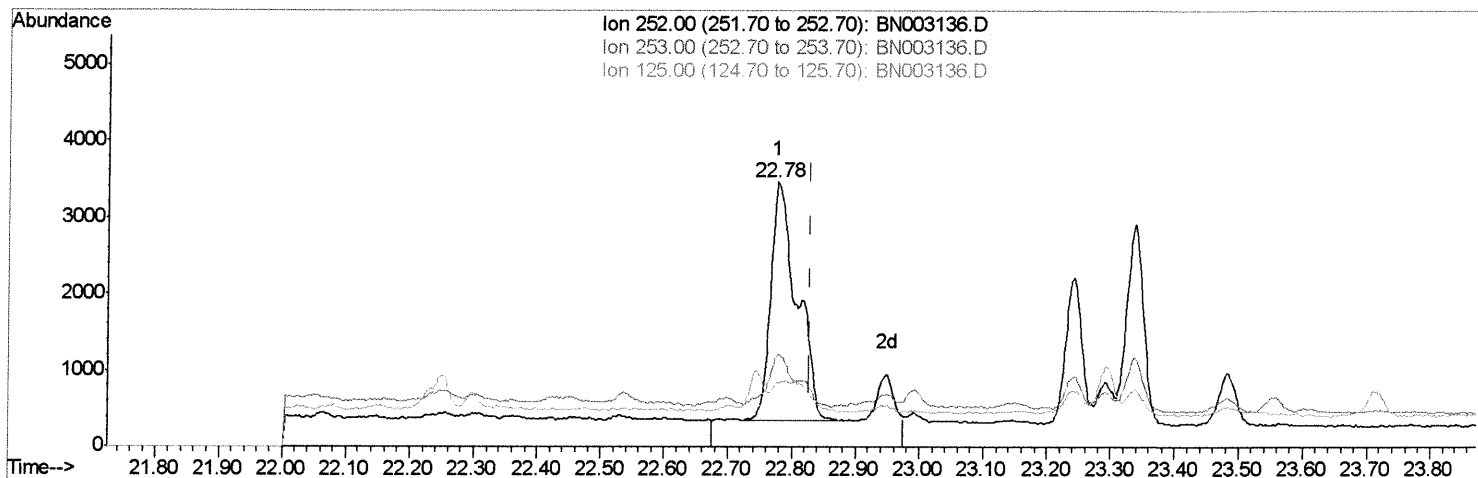
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
Data File : BN003136.D
Acq On : 12 Oct 2018 10:41
Operator : MJ/SJ
Sample : J5234-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COAL0

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:48 PM

Quant Time: Oct 12 13:32:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration



TIC: BN003136.D

(22) Benzo(k)fluoranthene

22.776min (-0.051) 0.49ng/ul

response 8884

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.57#
125.00	17.60	24.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

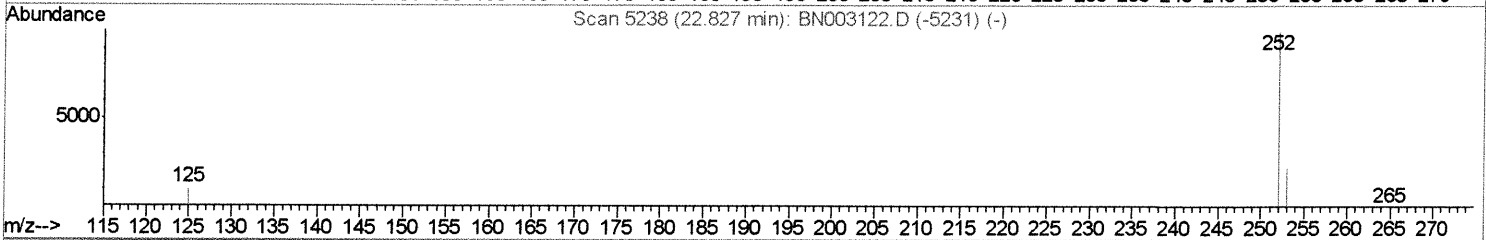
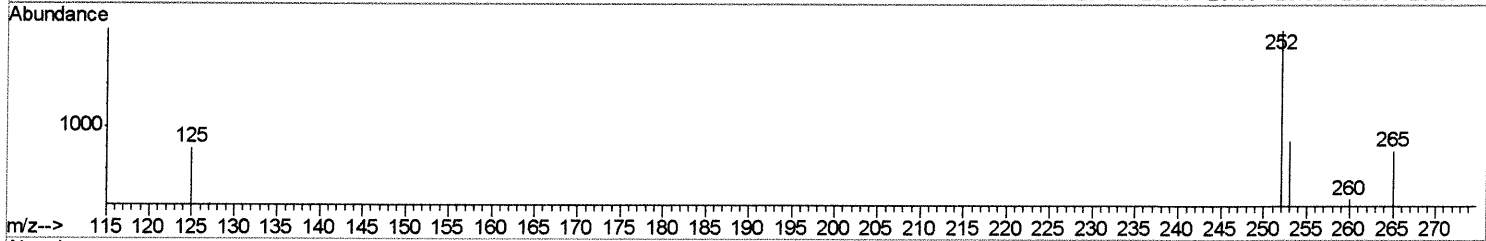
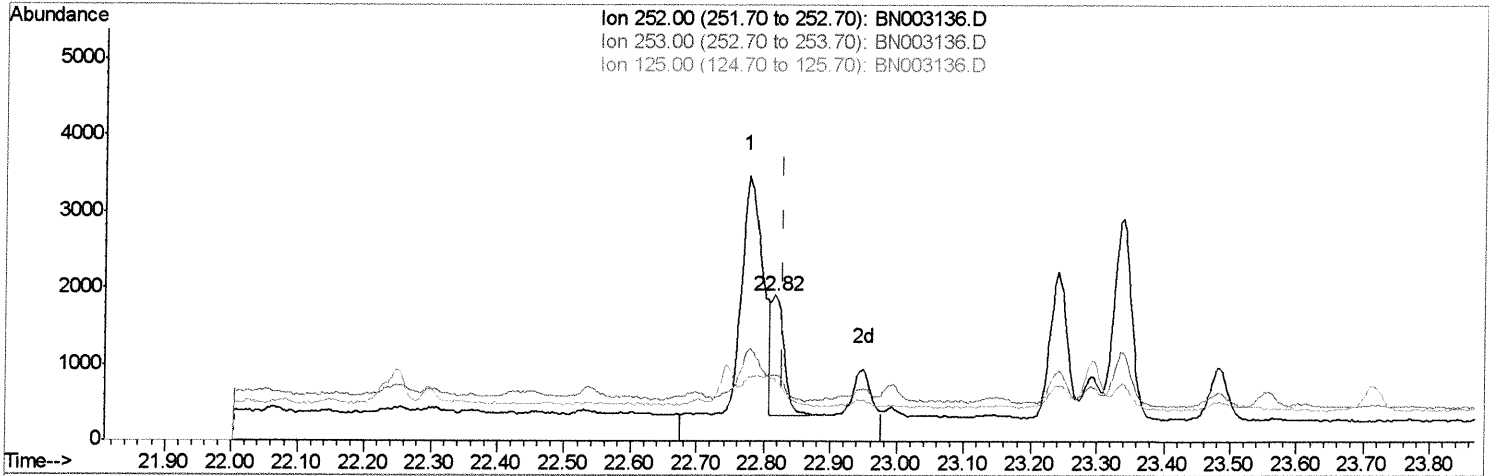
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003136.D
 Acq On : 12 Oct 2018 10:41
 Operator : MJ/SJ
 Sample : J5234-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAL0

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:48 PM

Quant Time: Oct 12 13:32:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 07:27:48 2018
 Response via : Initial Calibration



TIC: BN003136.D

(22) Benzo(k)fluoranthene

22.817min (-0.010) 0.11ng/ul m > SJ 10/12/18

response 2038

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	45.66#
125.00	17.60	41.67#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101218\
 Data File : BN003136.D
 Acq On : 12 Oct 2018 10:41
 Operator : MJ/SJ
 Sample : J5234-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COALO

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:48 PM

Quant Time: Oct 12 13:35:54 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 12 07:27:48 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1910	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7776	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4628	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8182m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5280m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	4870m	0.40	ng/ul	-0.01

SJ 10/12/18

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.98	152	2964	0.25	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	5451m	0.23	ng/ul	-0.01

SJ 10/12/18

Target Compounds

					Qvalue	
3) Naphthalene	10.44	128	4517	0.226	ng/ul#	96
5) 2-Methylnaphthalene	12.06	142	13066	0.951	ng/ul	98
7) Acenaphthylene	13.98	152	1875	0.089	ng/ul#	44
8) Acenaphthene	14.32	153	3207	0.200	ng/ul	97
9) Fluorene	15.31	166	14949	0.812	ng/ul#	98
12) Phenanthrene	17.05	178	28530	1.251	ng/ul	96
13) Anthracene	17.15	178	8261m	0.383	ng/ul	
15) Fluoranthene	19.08	202	18467m	0.690	ng/ul	
17) Pyrene	19.44	202	21839	1.065	ng/ul	98
18) Benzo(a)anthracene	21.21	228	6769m	0.398	ng/ul	
19) Chrysene	21.26	228	7128m	0.413	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	6966m	0.397	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2038m	0.112	ng/ul	
23) Benzo(a)pyrene	23.34	252	4871	0.310	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.65	276	3225	0.179	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	811	0.056	ng/ul#	5
26) Benzo(g,h,i)perylene	26.33	276	2939	0.193	ng/ul#	87

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