

Quantitation Report (Qedit)

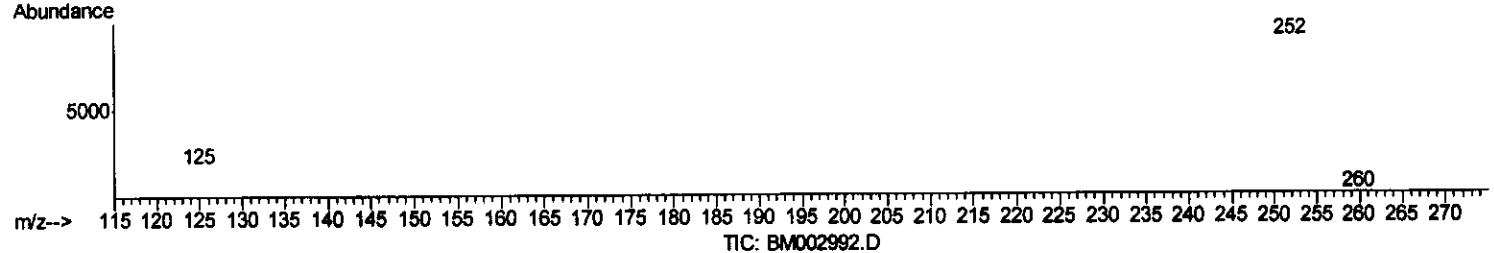
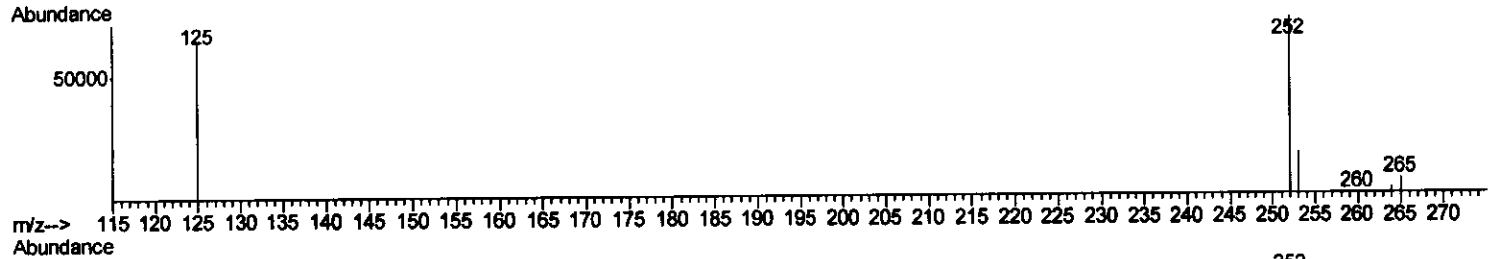
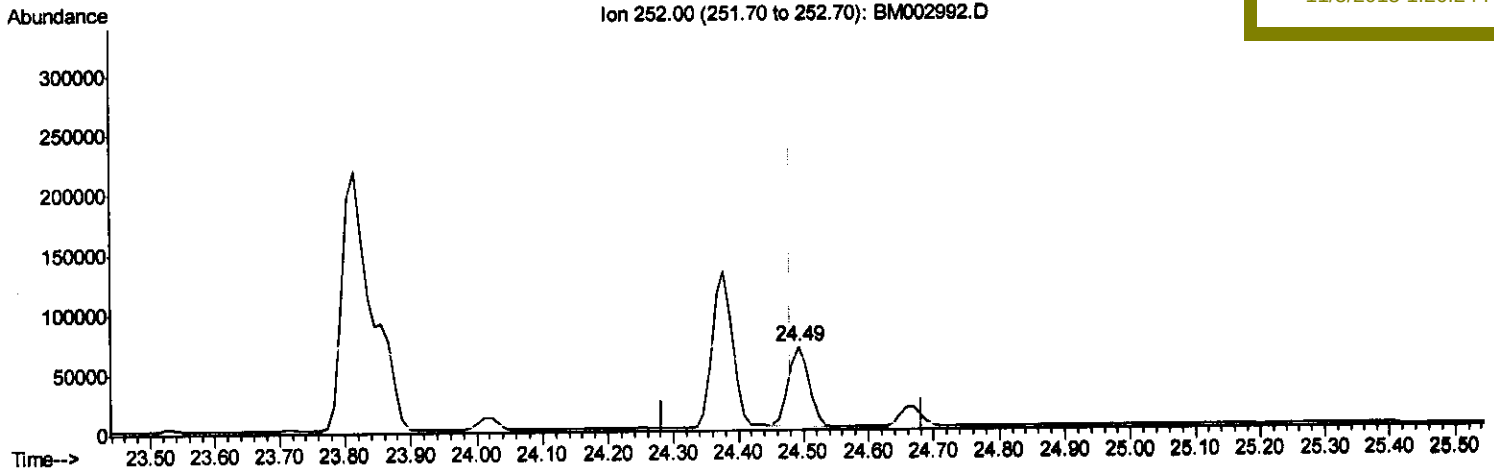
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 08:00:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

Manual Integrations
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(25) Benzo(a)pyrene (C)

24.492min (+0.010) 1.68ng/ul m

response 149832

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	27.31
125.00	18.10	89.65#
0.00	0.00	0.00

UM
10-26-15

Quantitation Report (Qedit)

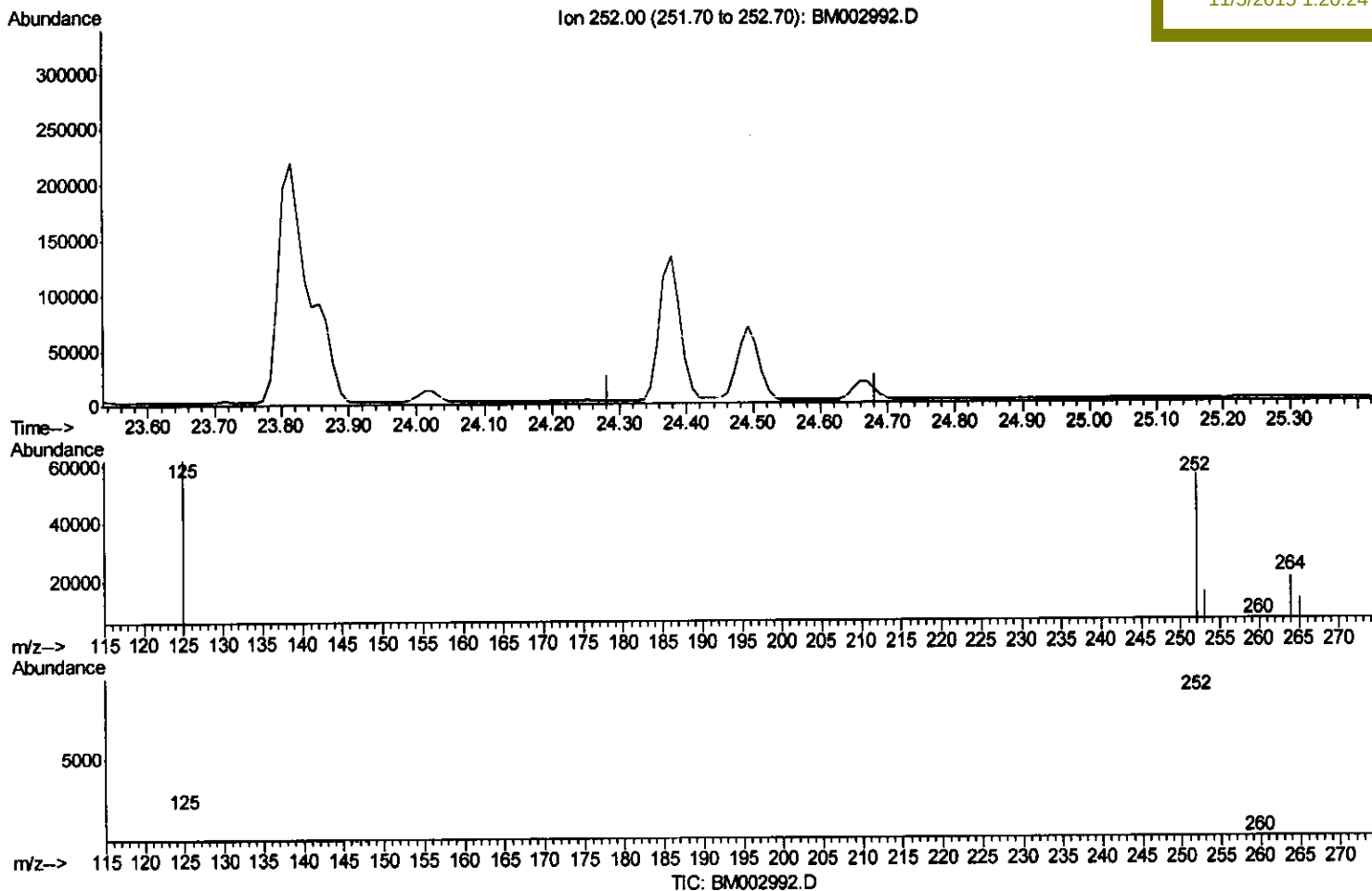
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102315\
Data File : BM002992.D
Acq On : 23 Oct 2015 00:16
Operator : UM/IZ
Sample : G4074-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9J9

Quant Time: Oct 23 08:00:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:55:29 2015
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Manual Integrations
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(25) Benzo(a)pyrene (C)

24.482min (-24.482) 0.00ng/ui d

response 0

Ion	Exp%	Act%
252.00	100	0.00
253.00	27.30	0.00
125.00	18.10	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

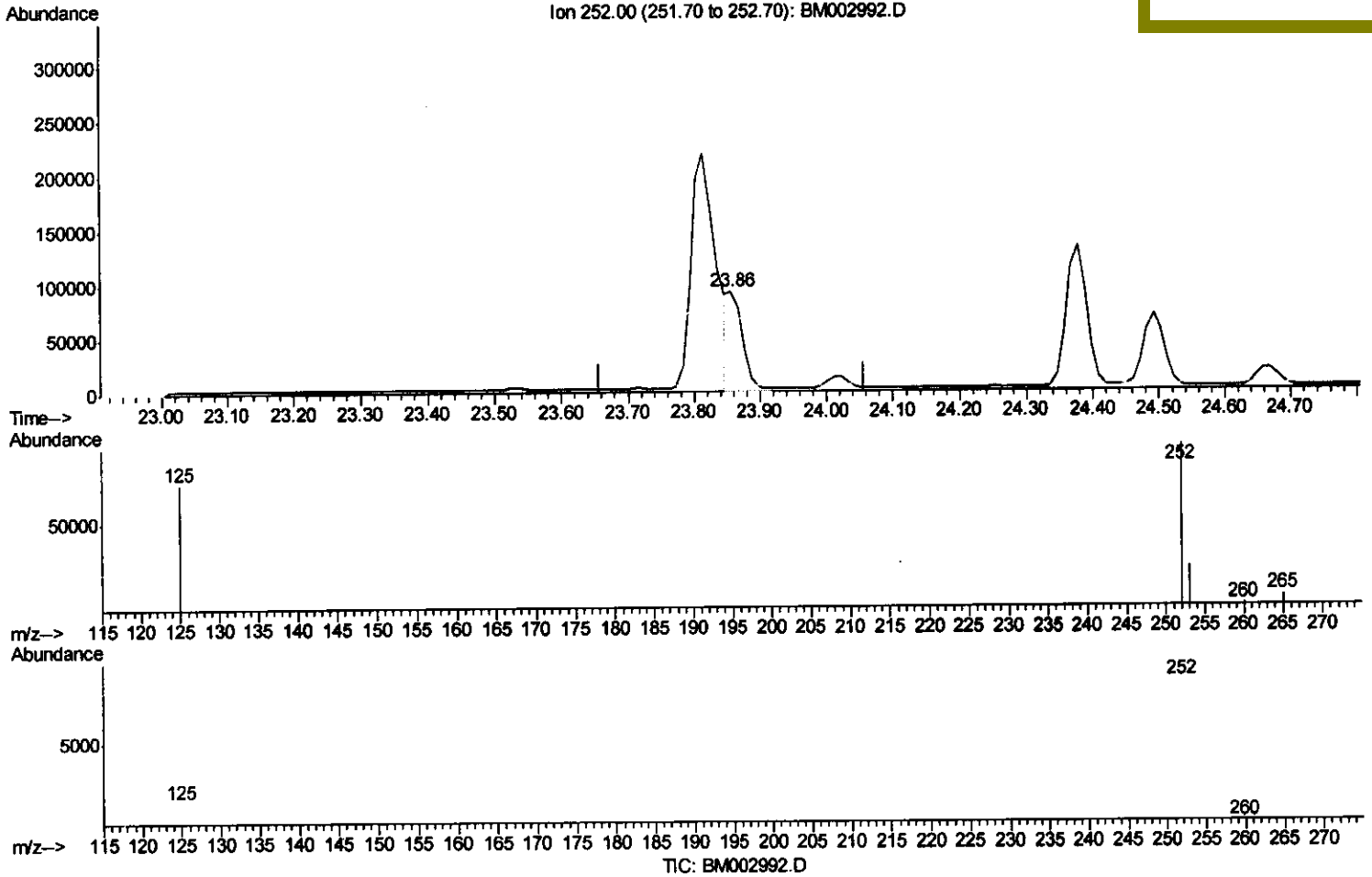
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 JG9J9

Quant Time: Oct 23 08:00:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
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Manual Integrations
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(24) Benzo(k)fluoranthene

23.856min (-0.000) 1.58ng/ul m

response 143278

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	26.57
125.00	15.30	78.22#
0.00	0.00	0.00

UM
 10-24-15

Quantitation Report (Qedit)

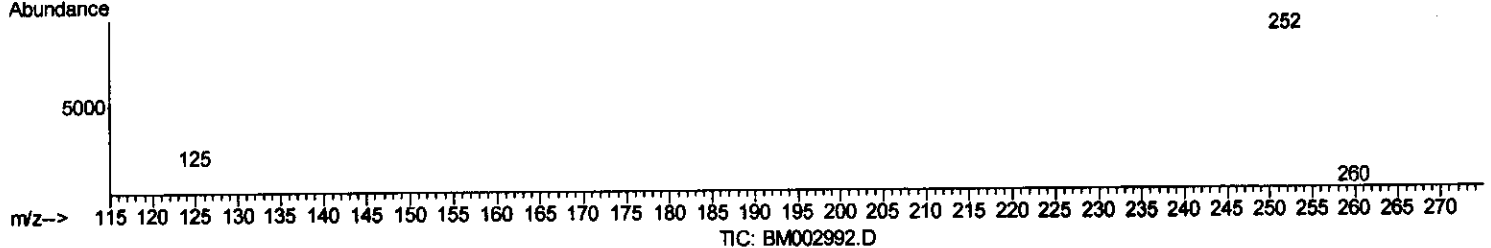
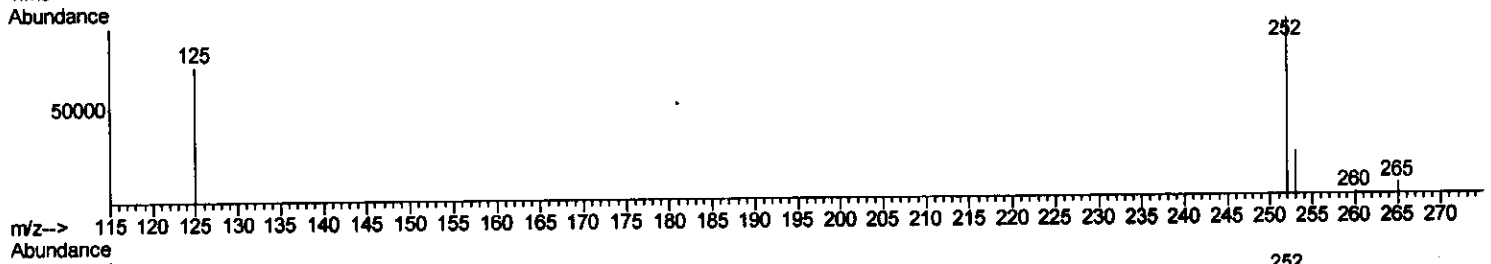
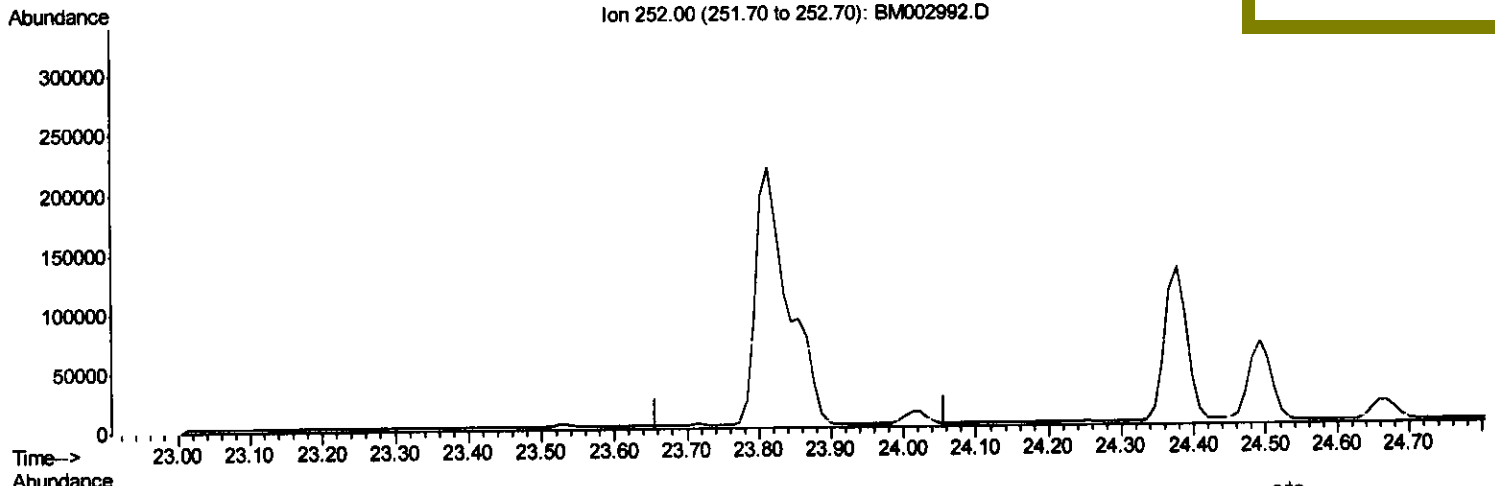
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102315\
 Data File : RM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 08:00:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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(24) Benzo(k)fluoranthene

23.856min (-23.856) 0.00ng/ul d

response 0

Ion	Exp%	Act%
252.00	100	0.00
253.00	26.00	0.00
125.00	15.30	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

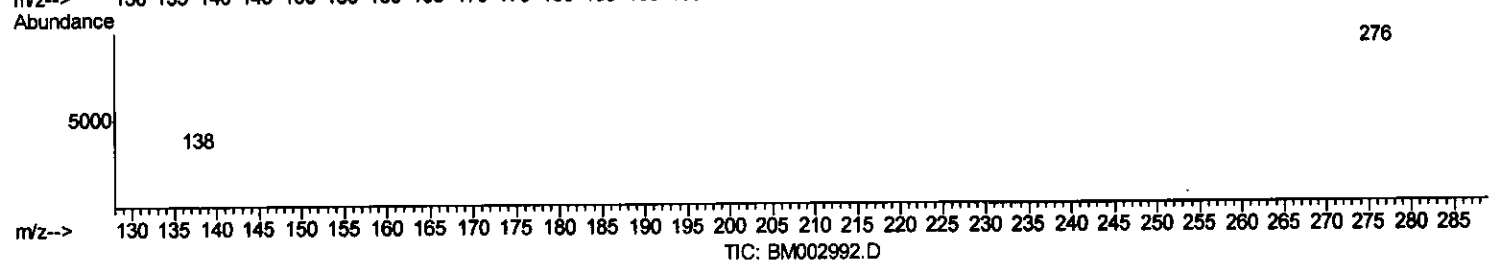
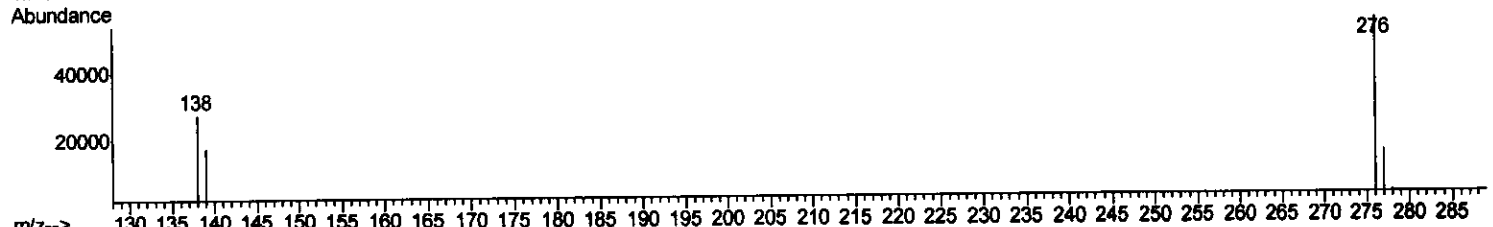
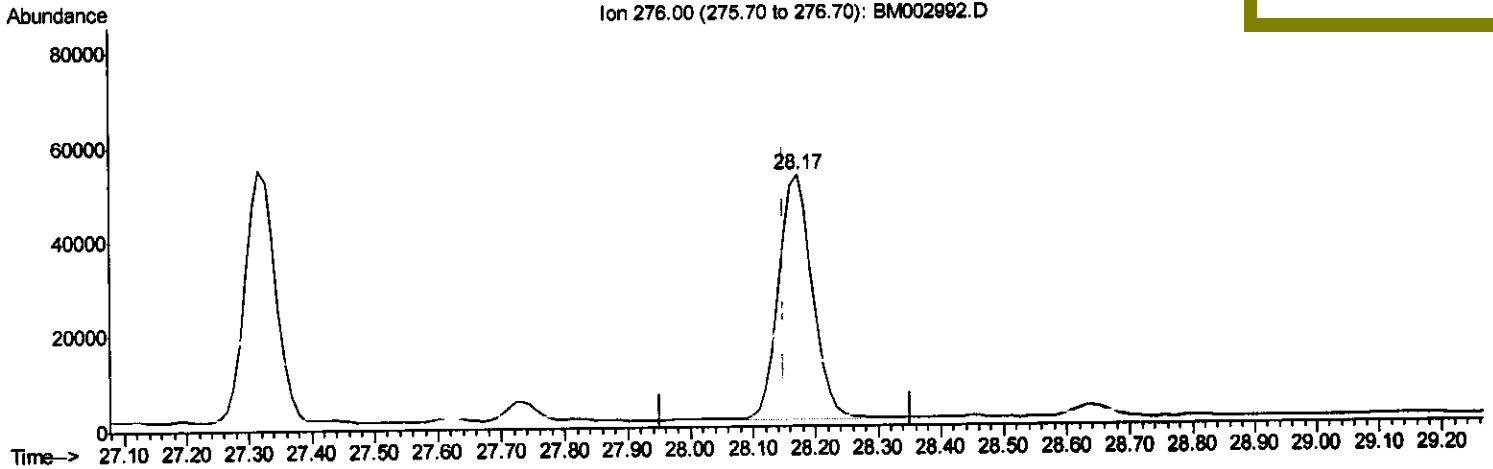
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 06:05:42 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
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Manual Integrations
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(28) Benzo(g,h,i)perylene

28.172min (+0.021) 2.43ng/ul m

response 195300

Ion	Exp%	Act%
276.00	100	100
277.00	26.60	27.03
138.00	31.90	51.48#
0.00	0.00	0.00

U.M.
10-24-15

Quantitation Report (Qedit)

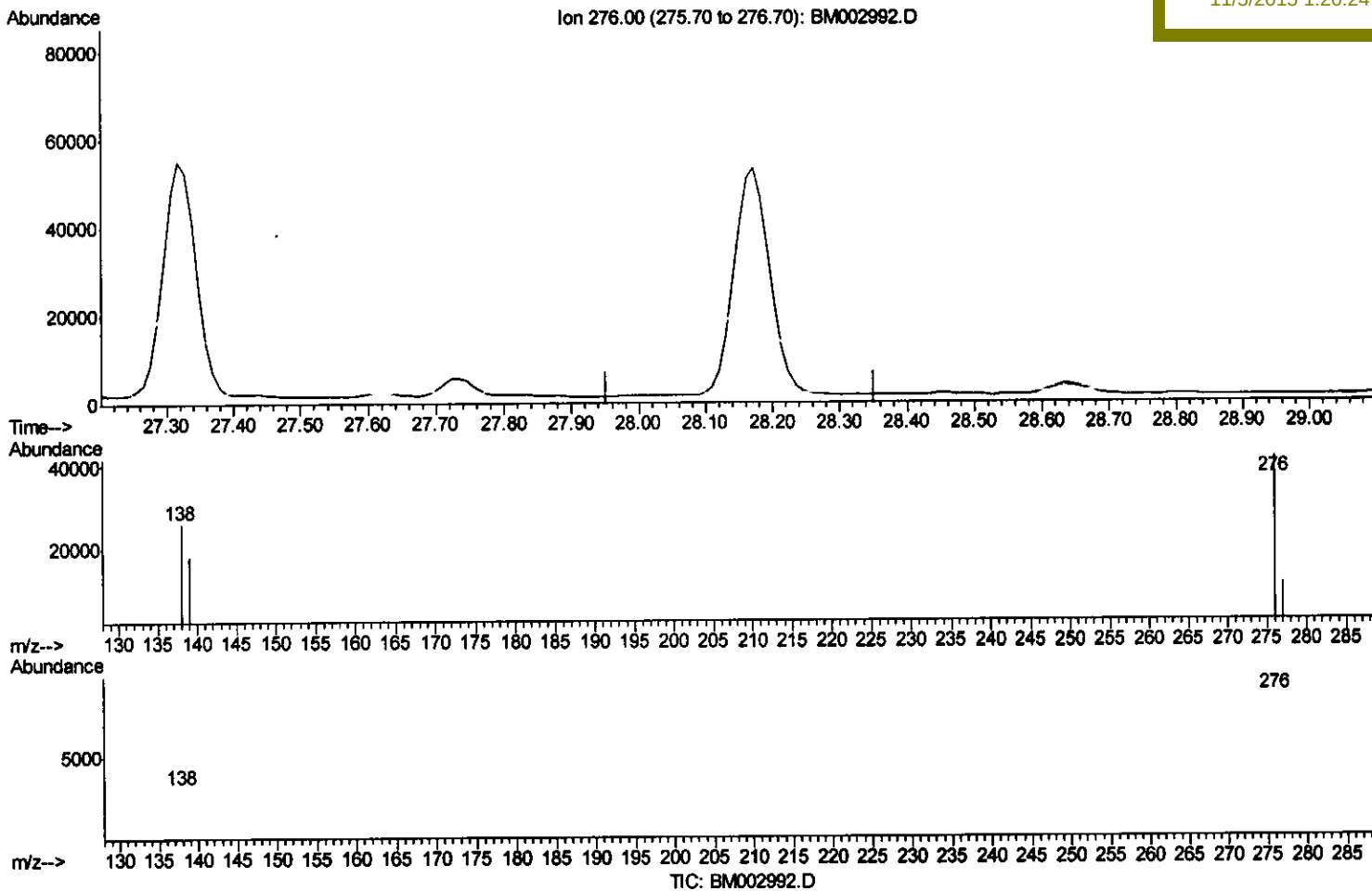
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 06:05:42 2015
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Manual Integrations
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(28) Benzo(g,h,i)perylene

28.151min (-28.151) 0.00ng/ui

response 0

Ion	Exp%	Act%
276.00	100	0.00
277.00	26.60	0.00#
138.00	31.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

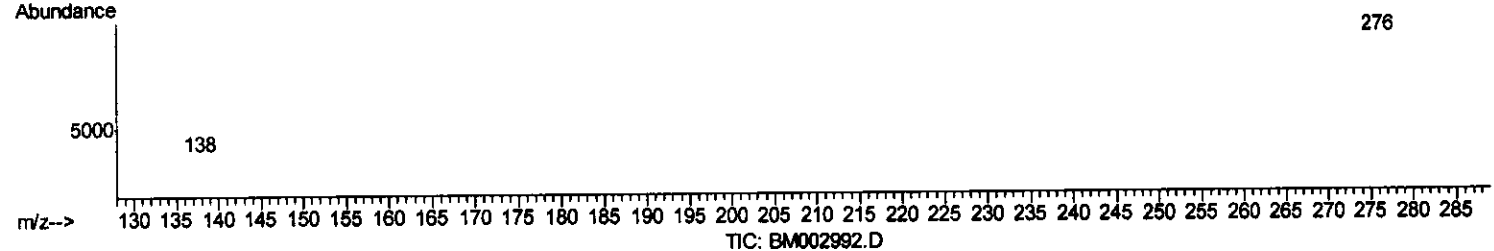
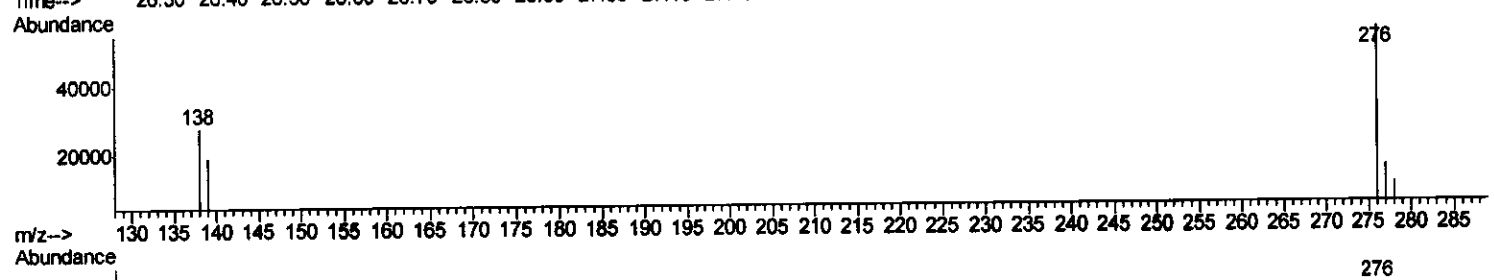
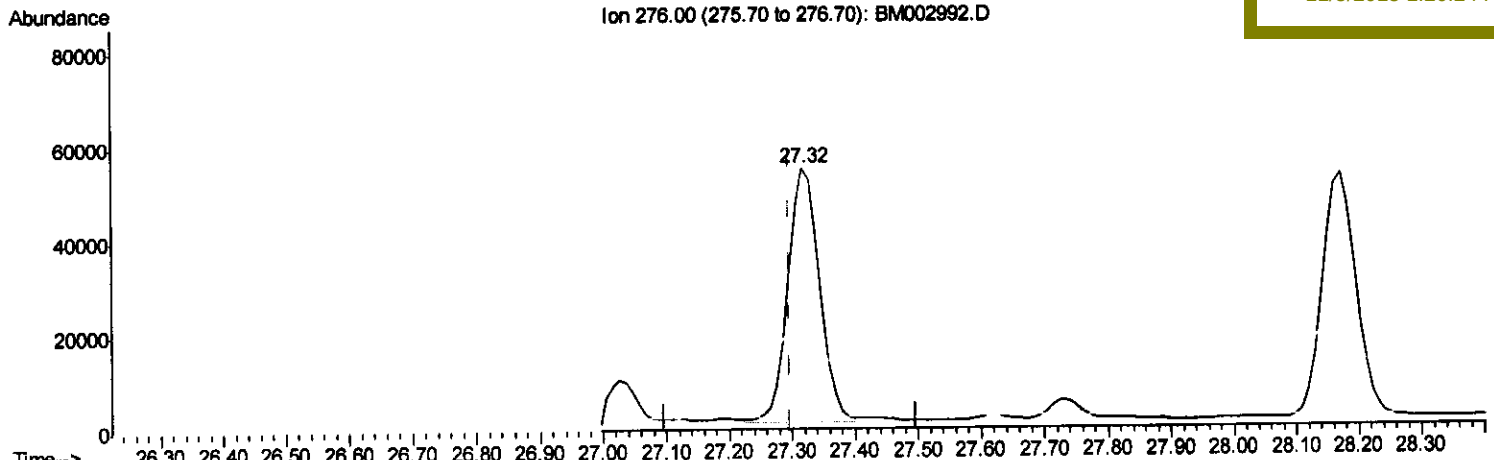
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 06:05:42 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
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Manual Integrations
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(26) Indeno(1,2,3-cd)pyrene

27.317min (+0.021) 1.94ng/ul m

response 187625

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	106.65#
277.00	24.10	23.74
0.00	0.00	0.00

U2x1
 10-24-15

Quantitation Report (Qedit)

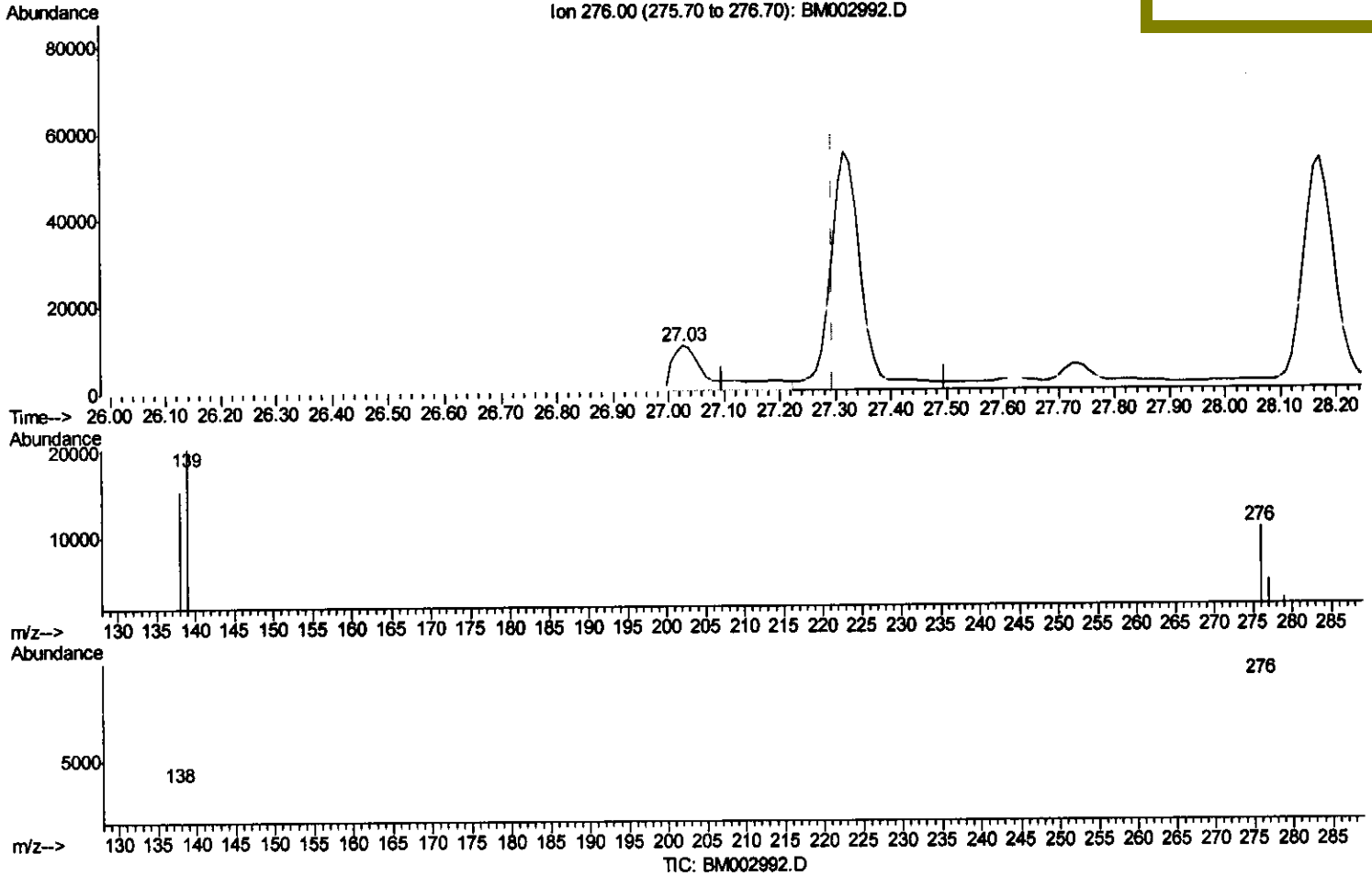
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 06:05:42 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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(26) Indeno(1,2,3-cd)pyrene

27.025min (-0.271) 0.56ng/ul

response 53712

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	372.53#
277.00	24.10	82.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

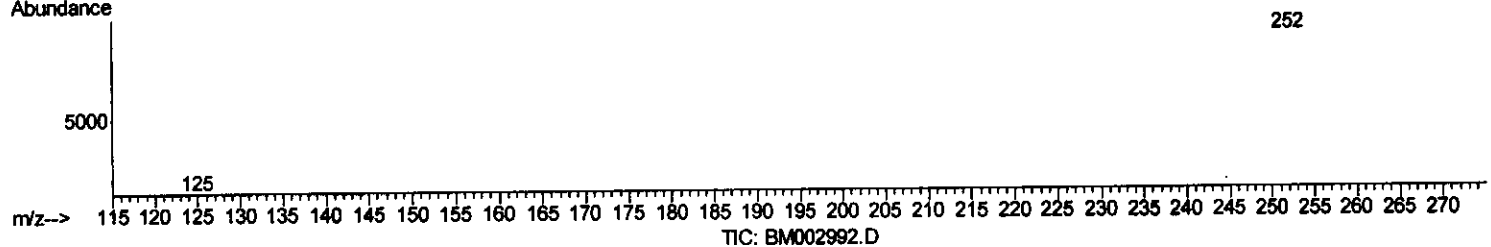
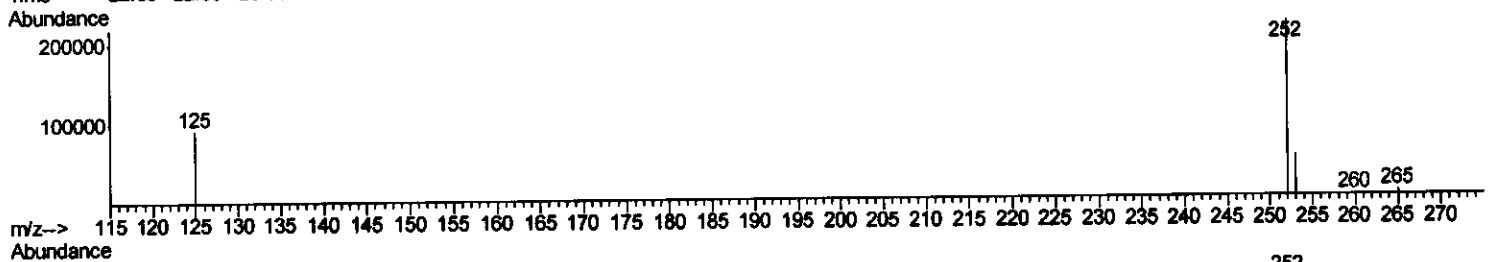
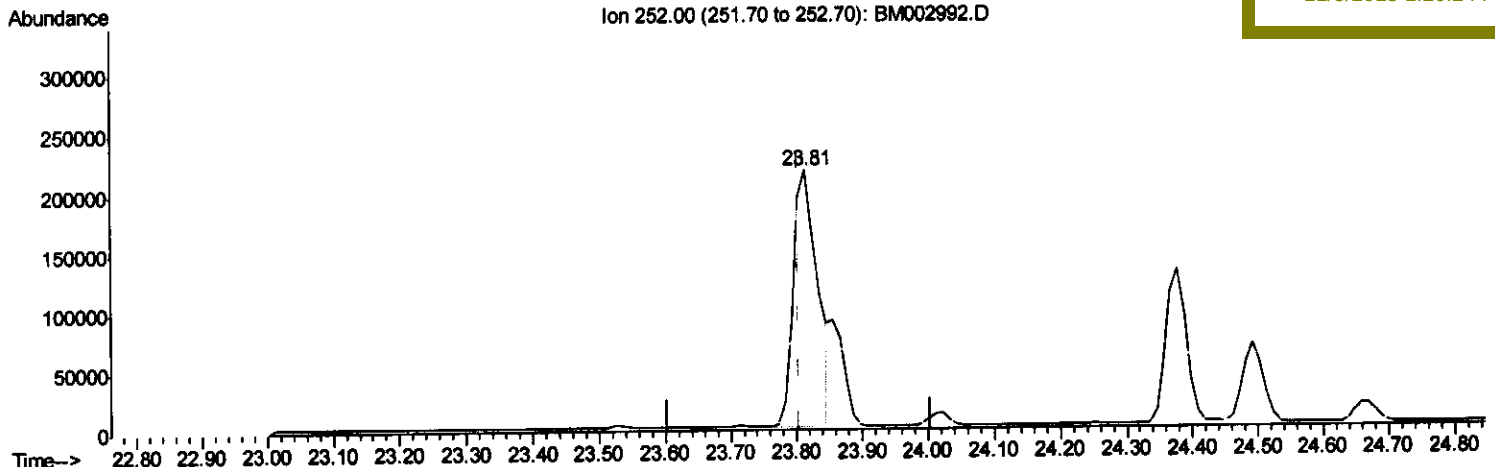
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 06:05:42 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
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(23) Benzo(b)fluoranthene

23.814min (+0.010) 5.97ng/ul m

response 556767

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	24.13
125.00	18.30	42.10#
0.00	0.00	0.00

UM
 10-24-15

Quantitation Report (Qedit)

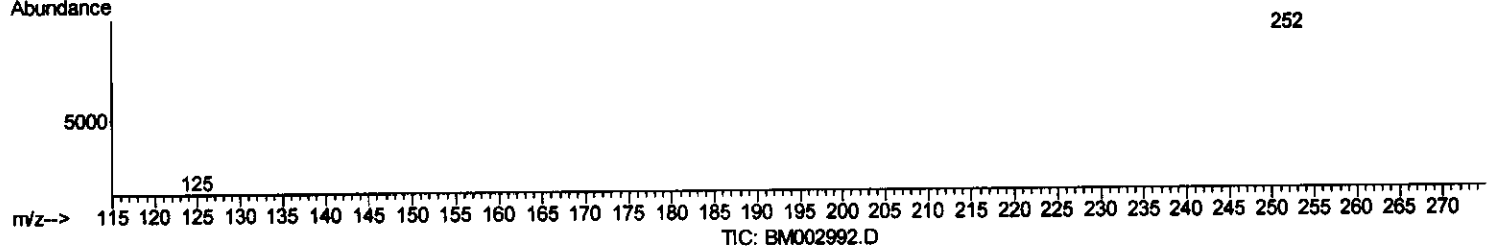
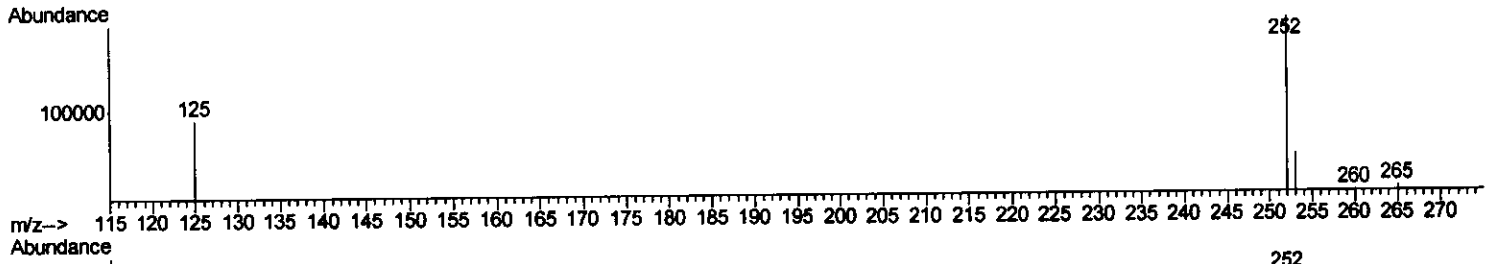
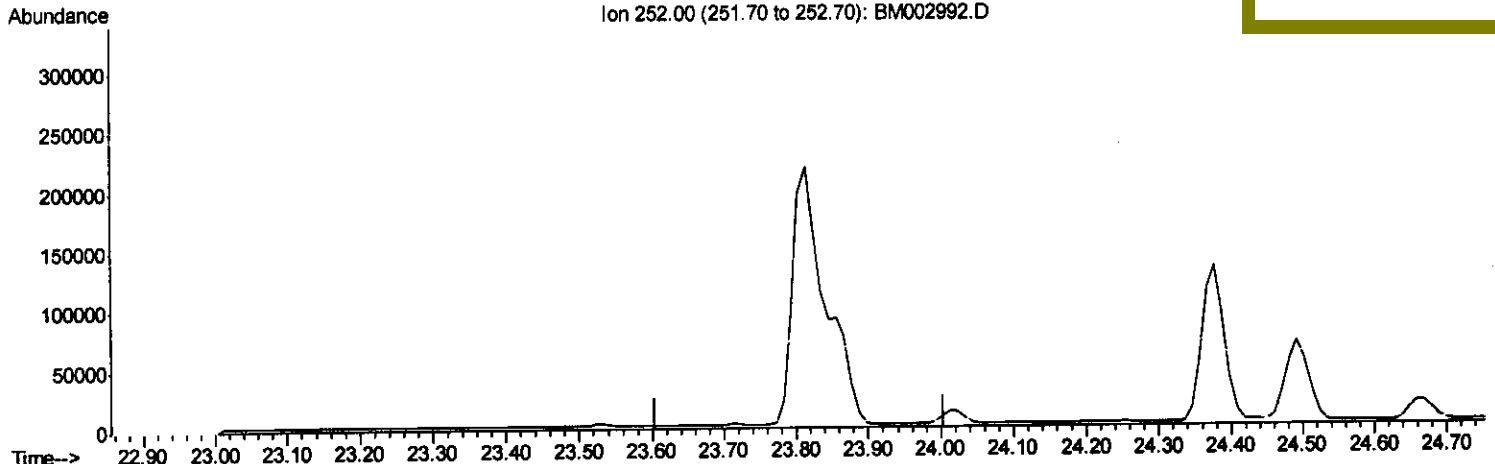
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 06:05:42 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

Manual Integrations
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(23) Benzo(b)fluoranthene

23.804min (-23.804) 0.00ng/ul

response 0

Ion	Exp%	Act%
252.00	100	0.00
253.00	24.00	0.00
125.00	18.30	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

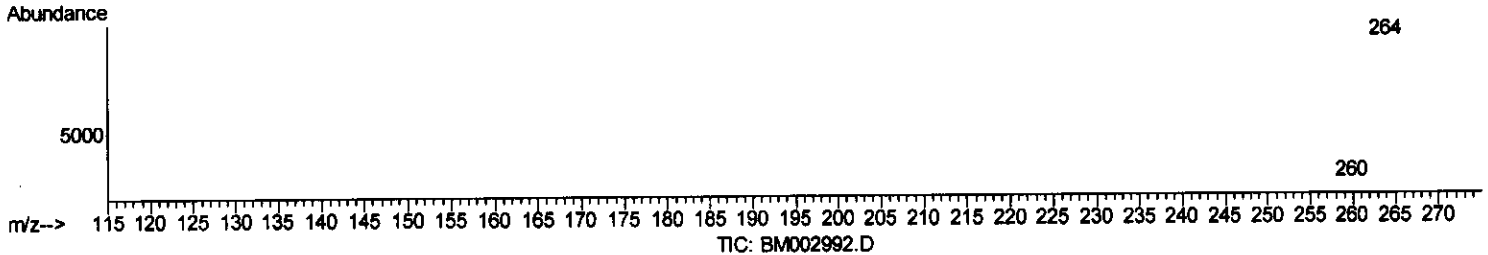
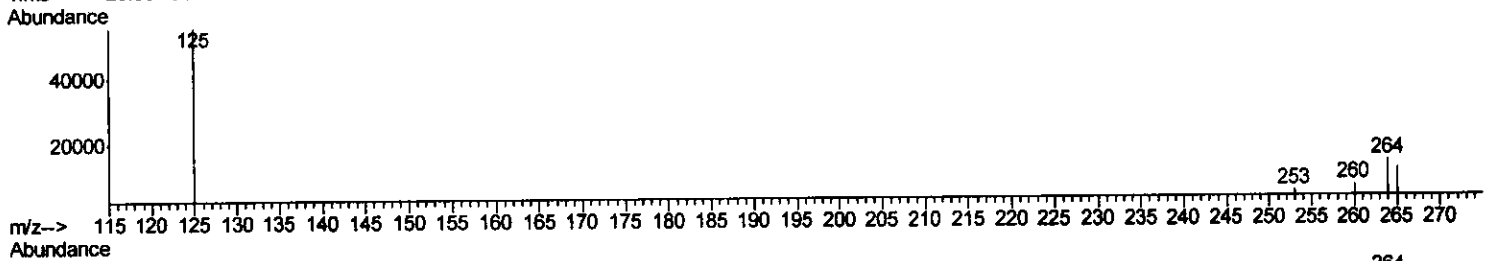
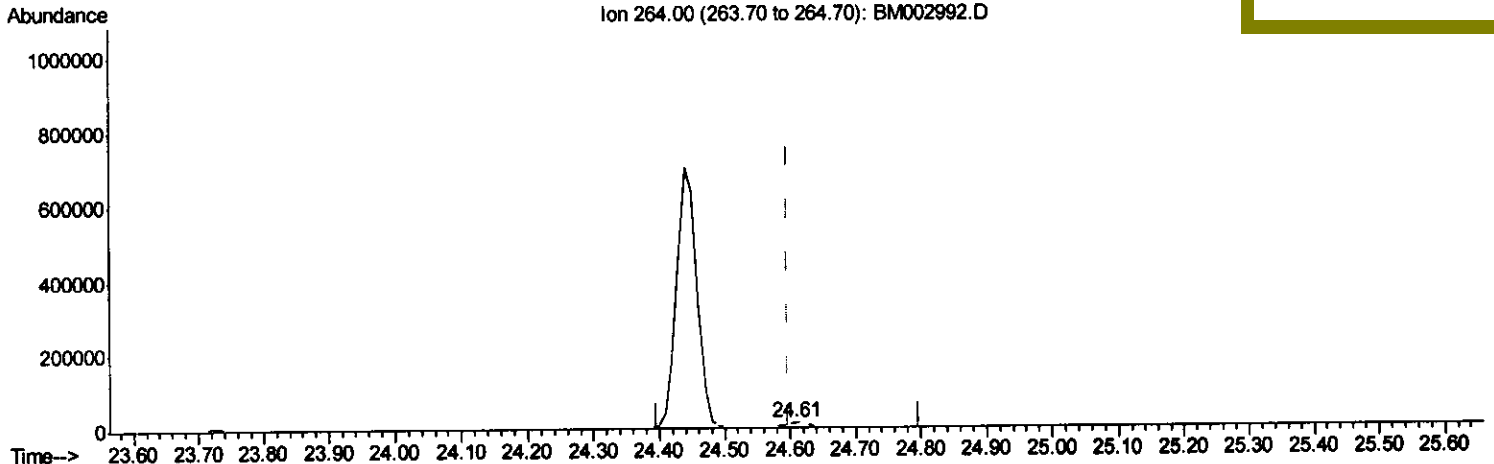
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 06:04:50 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
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Manual Integrations
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(22) Perylene-d12 (I)

24.607min (+0.010) 0.40ng/ul m

response 26389

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	45.19#
265.00	34.70	80.33#
0.00	0.00	0.00

UM
10-24-15

Quantitation Report (Qedit)

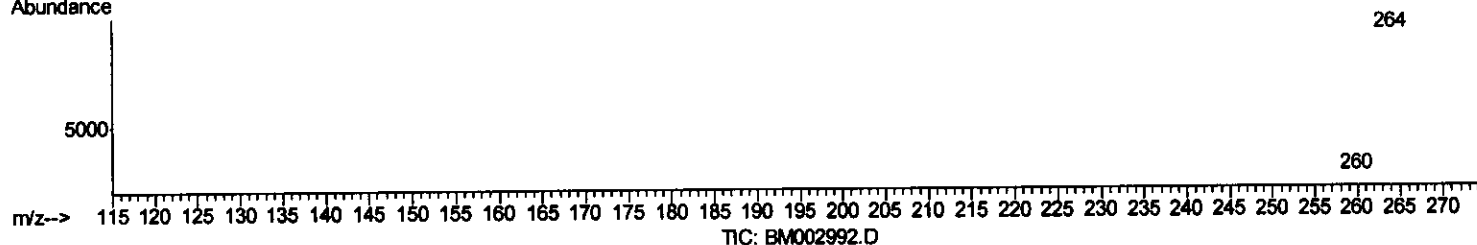
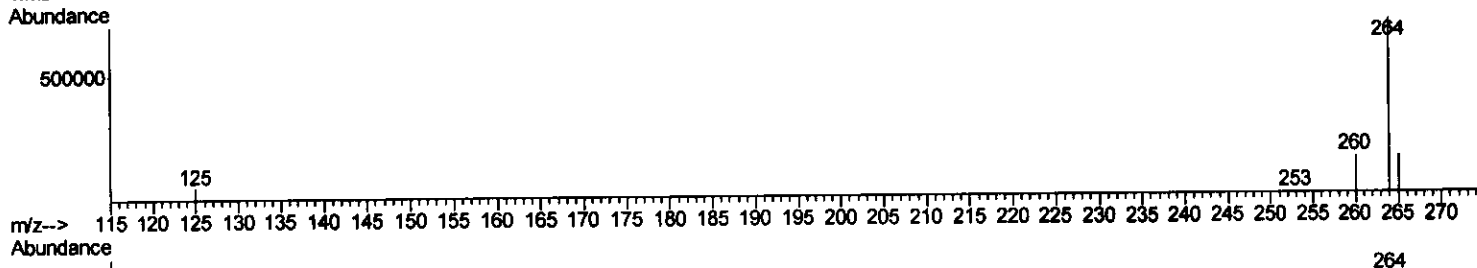
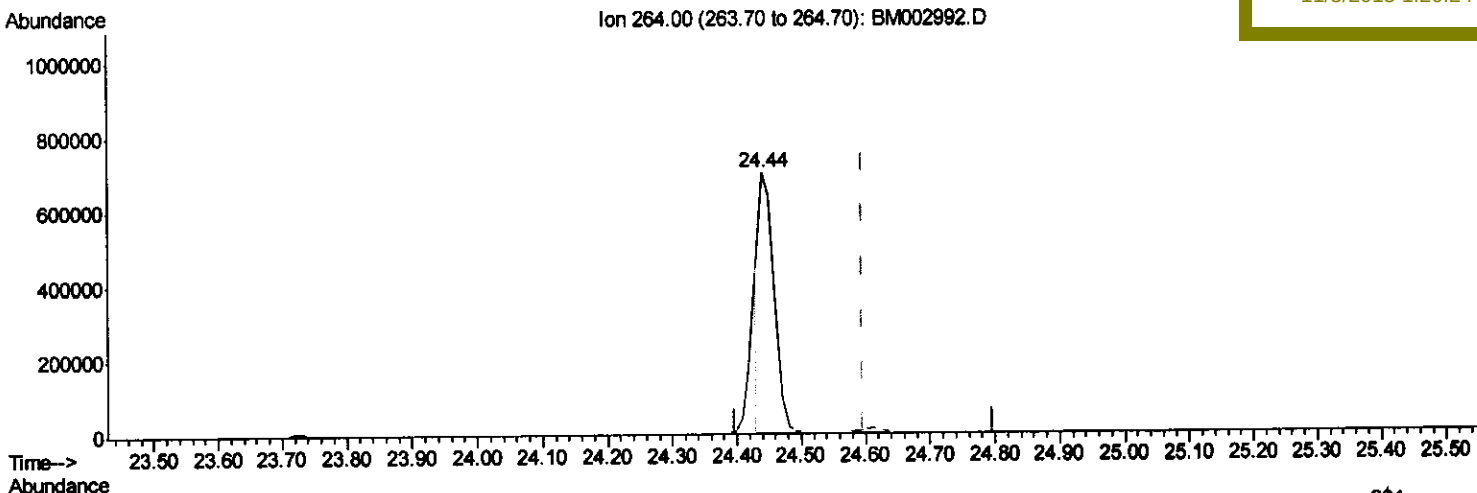
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 06:04:50 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

Manual Integrations
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 11/5/2015 1:20:24 PM



(22) Perylene-d12 (I)

24.440min (-0.156) 0.40ng/ul

response 1112005

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	21.45#
265.00	34.70	21.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

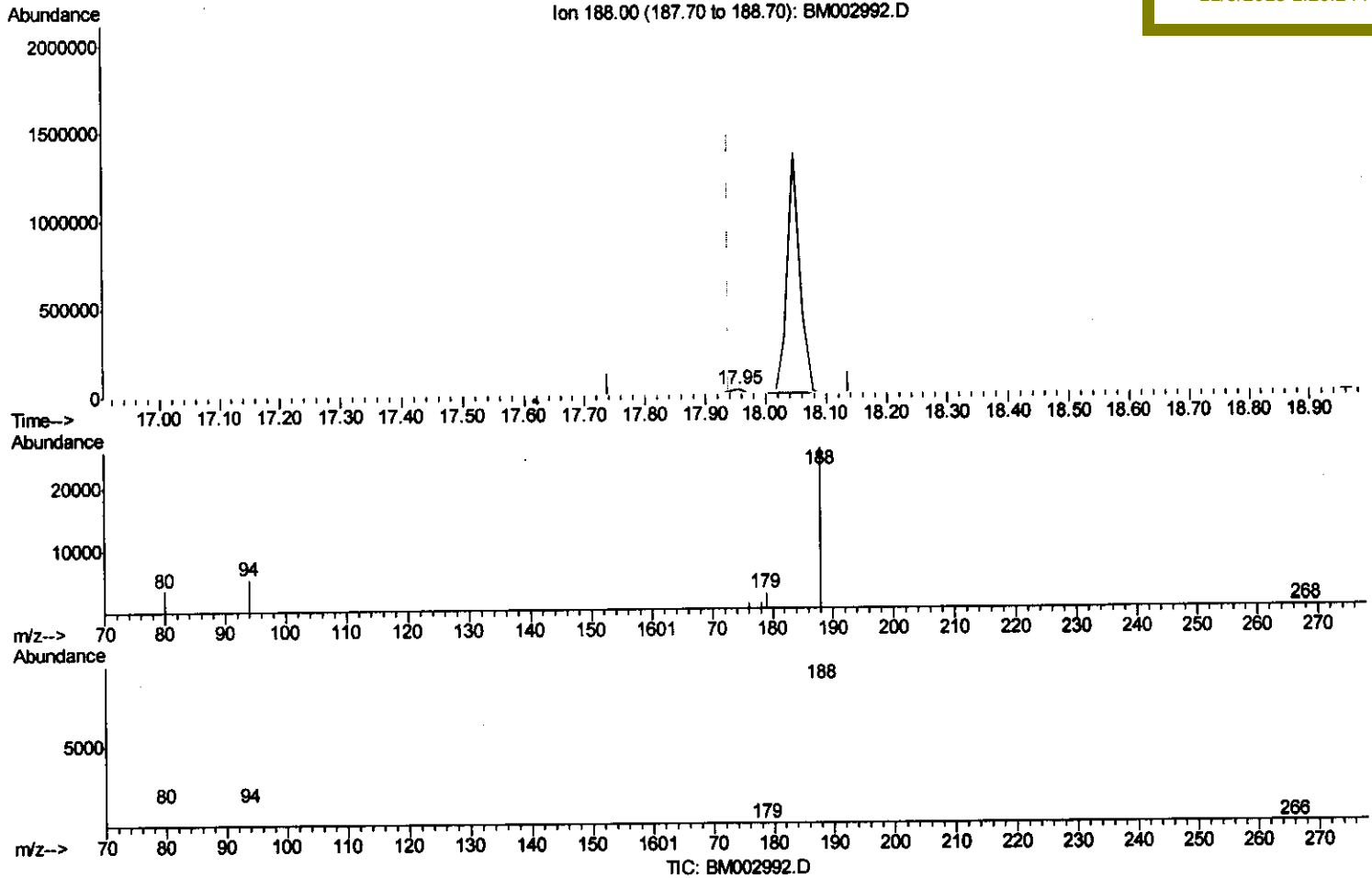
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 03:53:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

Manual Integrations
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(12) Phenanthrene-d10 (I)

17.954min (+0.015) 0.40ng/ul m

response 38871

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	20.71#
80.00	8.90	14.19#
0.00	0.00	0.00

U.A.
 10-24-15

Quantitation Report (Qedit)

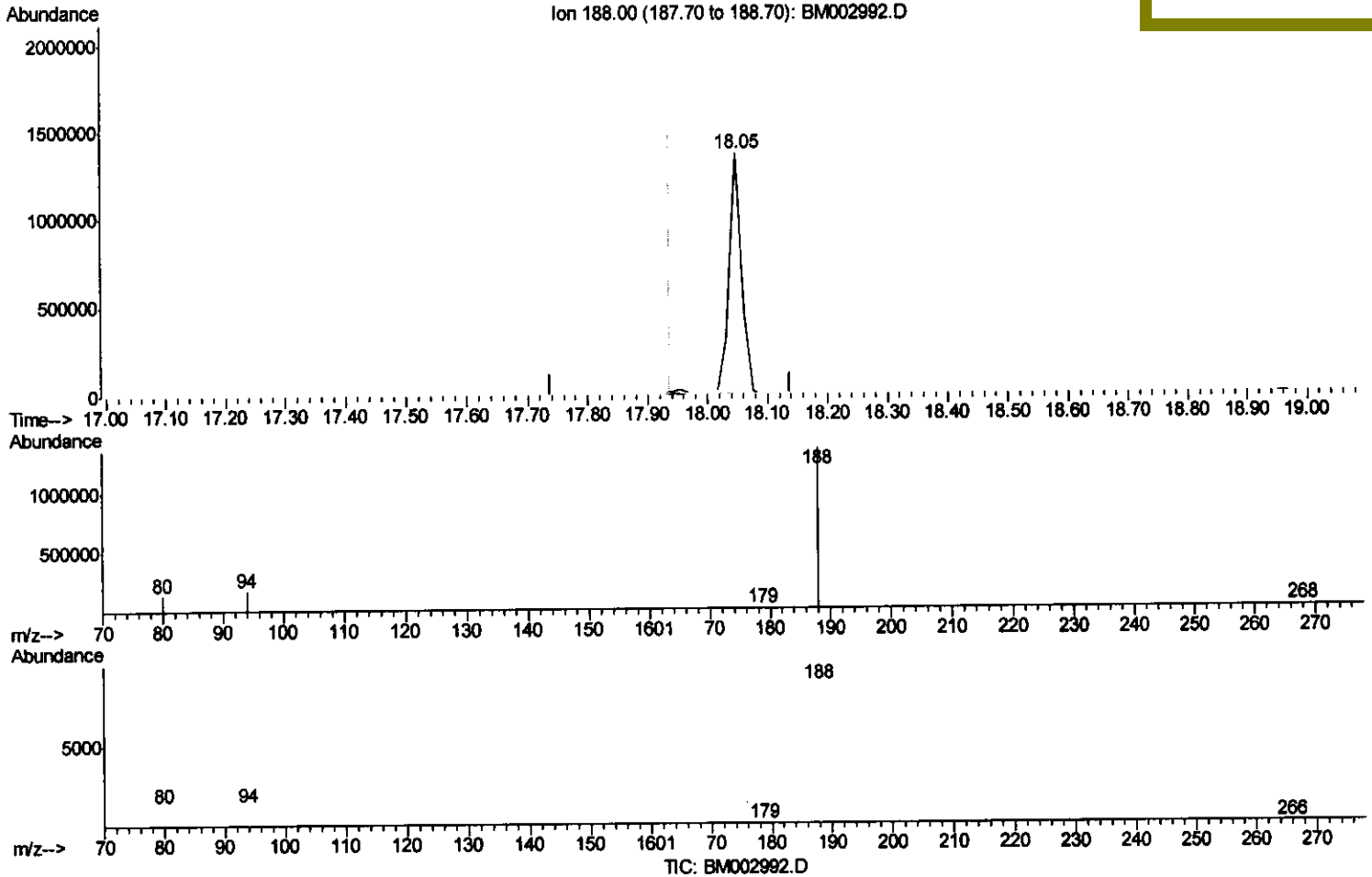
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 03:53:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

Manual Integrations
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 11/5/2015 1:20:24 PM



(12) Phenanthrene-d10 (I)

18.047min (+0.108) 0.40ng/ul

response 1989305

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	12.20#
80.00	8.90	9.46
0.00	0.00	0.00

Quantitation Report (Qedit)

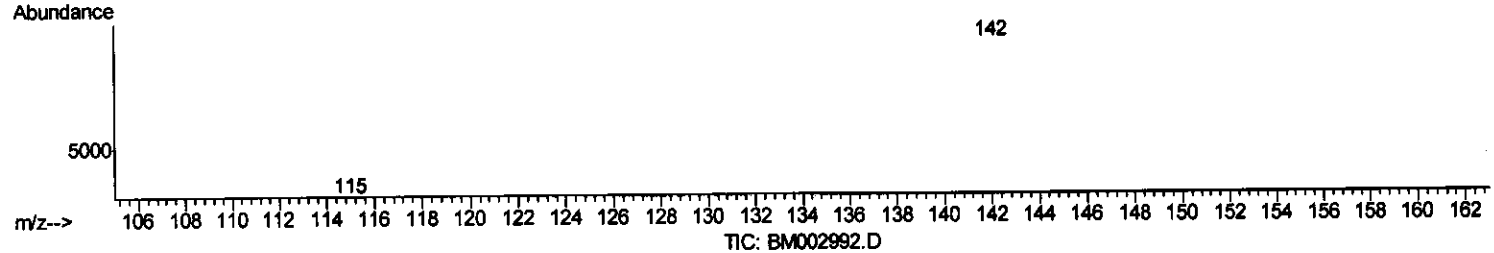
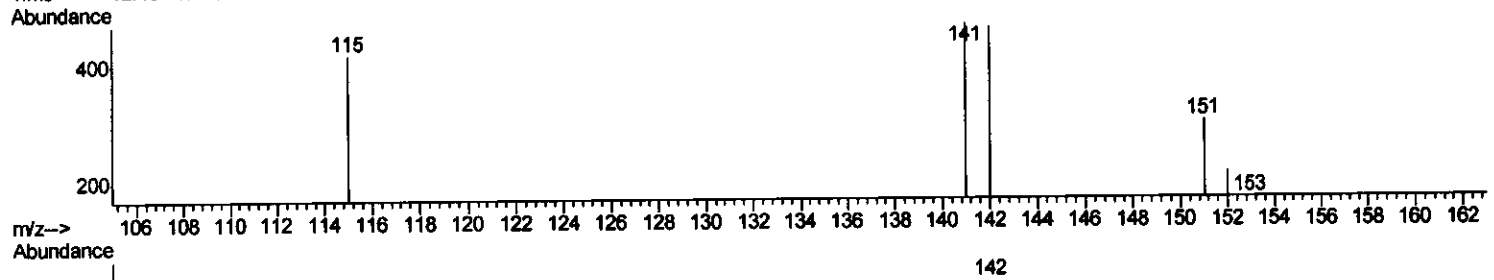
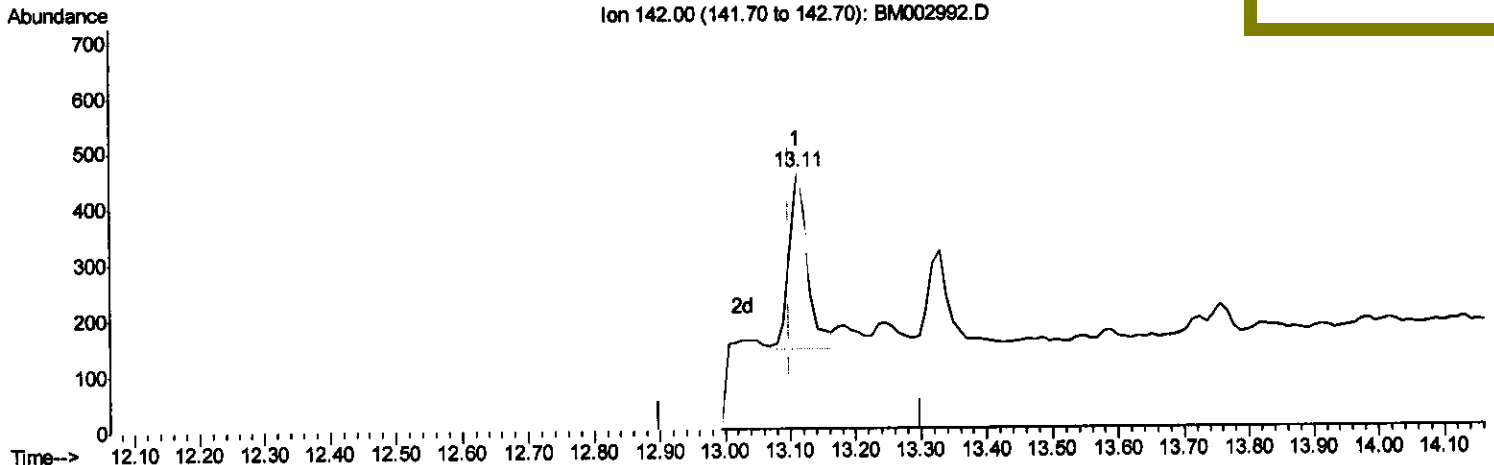
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
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Manual Integrations
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 11/5/2015 1:20:24 PM



(7) 2-Methylnaphthalene

13.110min (+0.010) 0.01ng/ul m

response 631

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	188.91#
0.00	0.00	0.00
0.00	0.00	0.00

U.M.
 10-24-15

Quantitation Report (Qedit)

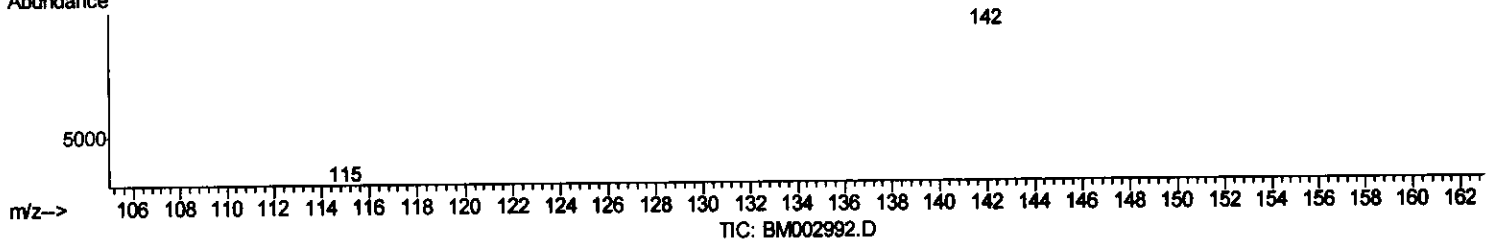
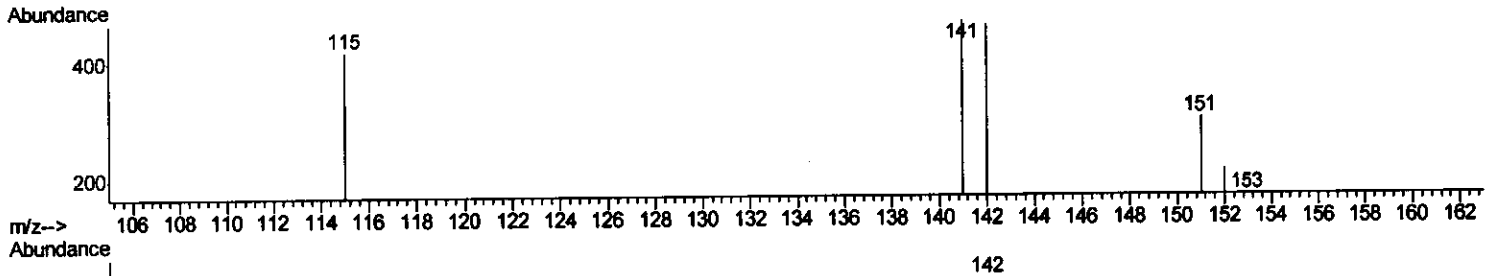
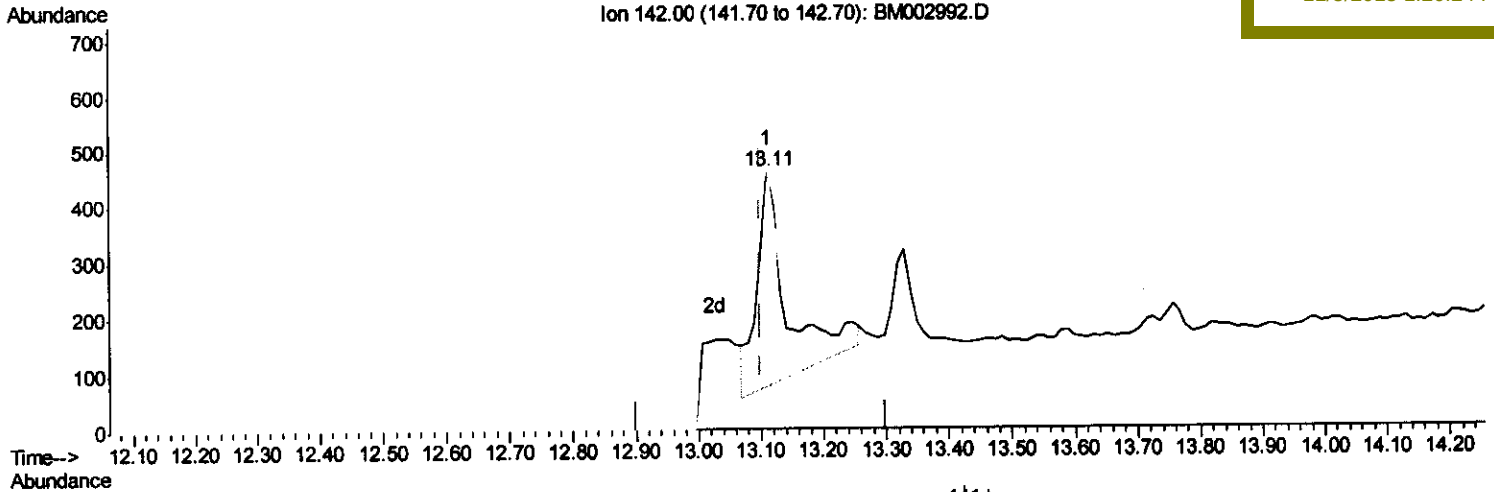
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 23 03:53:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Manual Integrations
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 11/5/2015 1:20:24 PM



(7) 2-Methylnaphthalene

13.110min (+0.010) 0.02ng/ul

response 1283

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	92.91
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 28 11:00:02 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	7212	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	31657	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.24	164	18306	0.40	ng/ul	0.02
12) Phenanthrene-d10	17.95	188	38871m	0.40	ng/ul	0.02
18) Chrysene-d12	22.04	240	31904	0.40	ng/ul	0.01
22) Perylene-d12	24.61	264	26389m	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.71	96	26616	3.45	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	13024	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	25352	0.24	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	11.54	128	1401	0.02	ng/ul#	63
7) 2-Methylnaphthalene	13.11	142	631m	0.01	ng/ul	
9) Acenaphthylene	14.97	152	23999	0.23	ng/ul#	91
10) Acenaphthene	15.30	153	2191	0.03	ng/ul#	82
14) Phenanthrene	17.98	178	70497	0.58	ng/ul	95
15) Anthracene	18.08	178	42309	0.38	ng/ul#	89
17) Fluoranthene	19.95	202	396533	2.73	ng/ul	95
19) Pyrene	20.31	202	361195	3.12	ng/ul	95
20) Benzo(a)anthracene	22.02	228	97473	0.92	ng/ul#	89
21) Chrysene	22.07	228	295726	2.76	ng/ul#	95
23) Benzo(b)fluoranthene	23.81	252	556767m	5.97	ng/ul	
24) Benzo(k)fluoranthene	23.86	252	143278m	1.58	ng/ul	
25) Benzo(a)pyrene	24.49	252	149832m	1.68	ng/ul	
26) Indeno(1,2,3-cd)pyrene	27.32	276	187625m	1.94	ng/ul	
28) Benzo(g,h,i)perylene	28.17	276	195300m	2.43	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
Data File : BM002992.D
Acq On : 23 Oct 2015 00:16
Operator : UM/IZ
Sample : G4074-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 23 08:00:58 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:55:29 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JG9J9

Manual Integrations
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