

Quantitation Report (QT Reviewed)

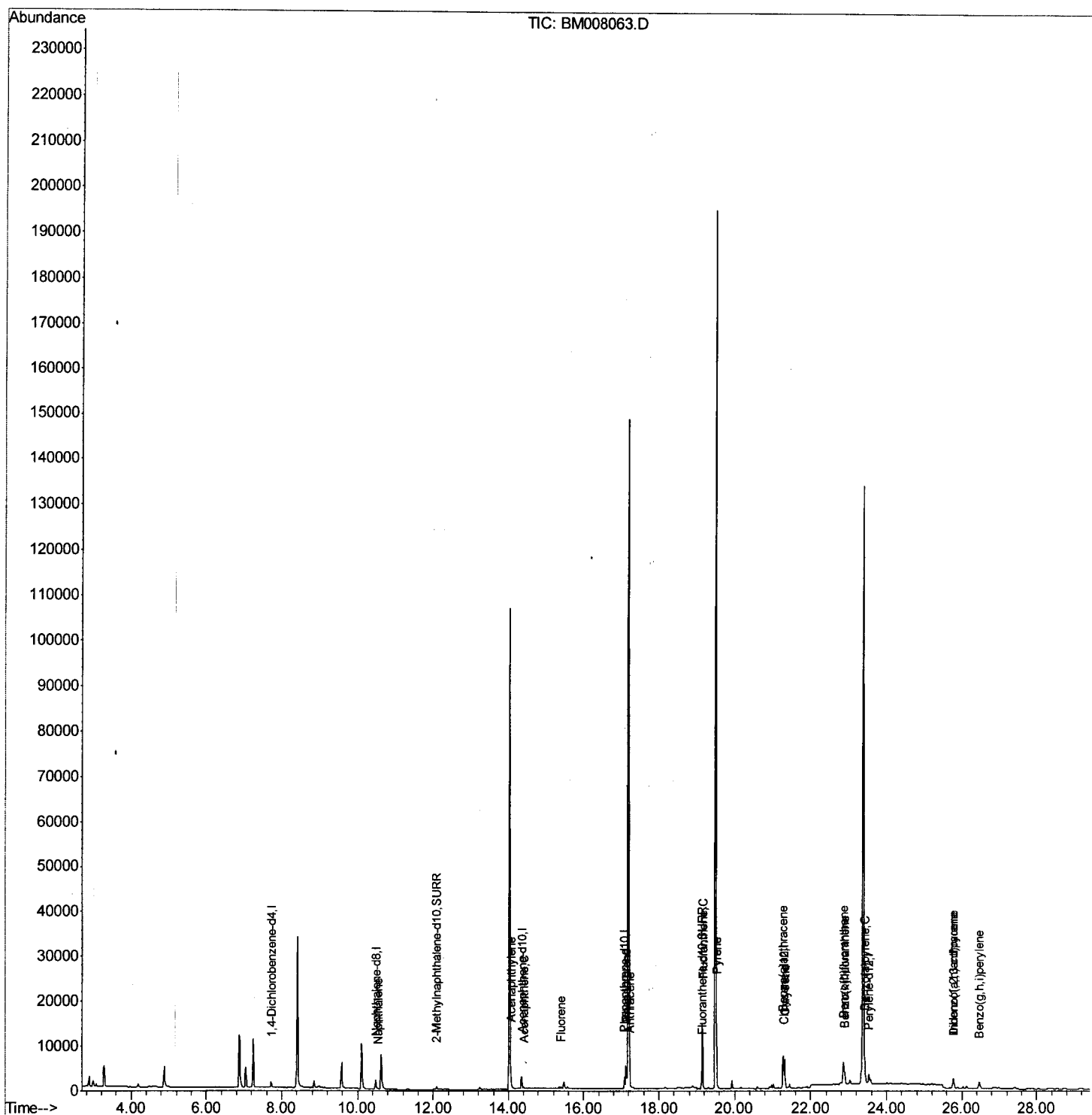
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008063.D
 Acq On : 24 Nov 2016 08:32
 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WG2

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:29:04 PM

Quant Time: Nov 25 01:22:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

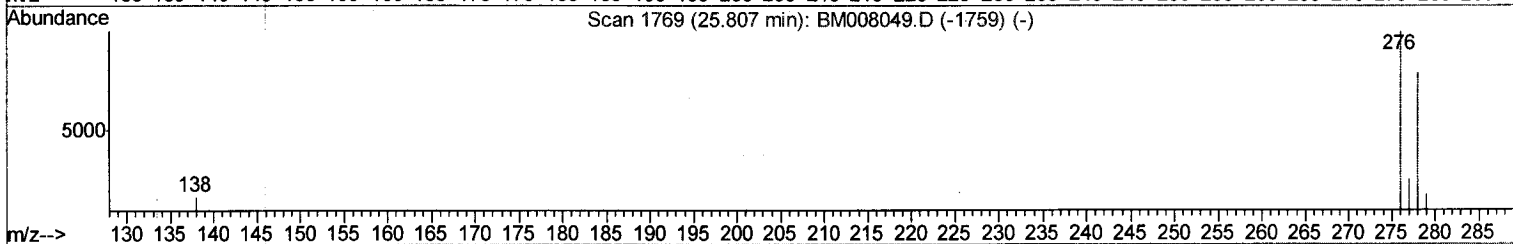
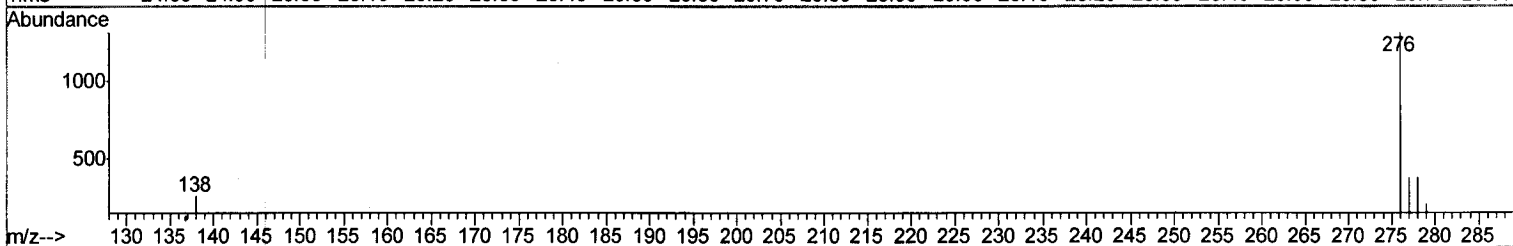
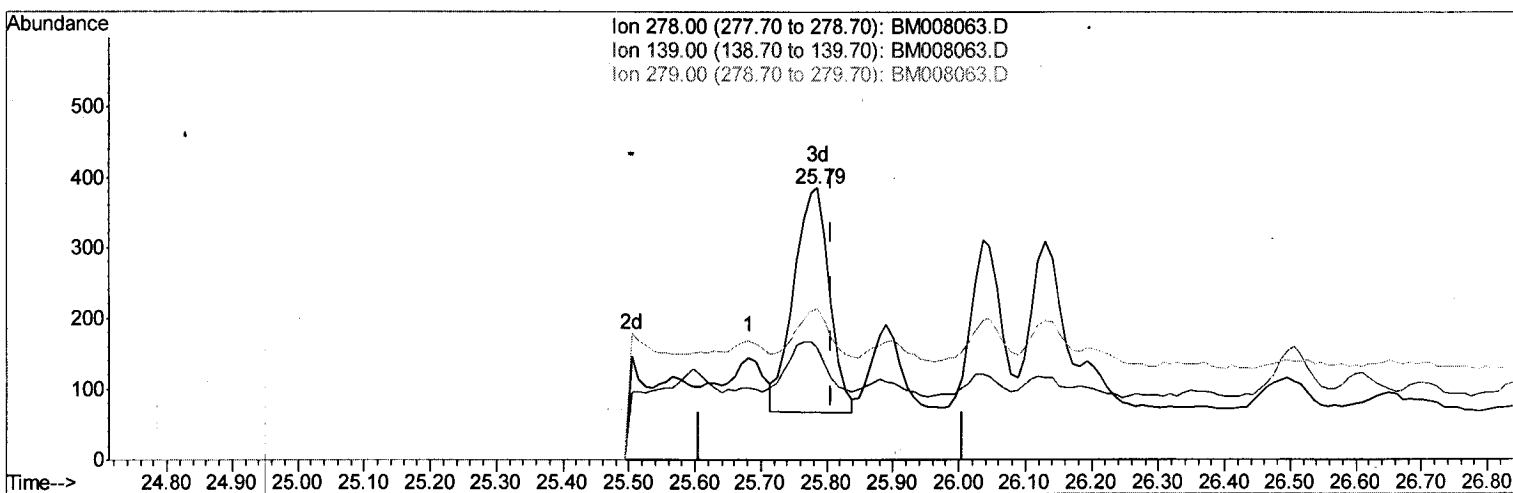
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008063.D
 Acq On : 24 Nov 2016 08:32
 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Nov 25 01:21:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
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TIC: BM008063.D

(25) Dibenzo(a,h)anthracene

25.786min (-0.021) 0.11ng/ul m

response 1180

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	40.78#
279.00	32.40	55.32#
0.00	0.00	0.00

> S.J.
 11/29/16

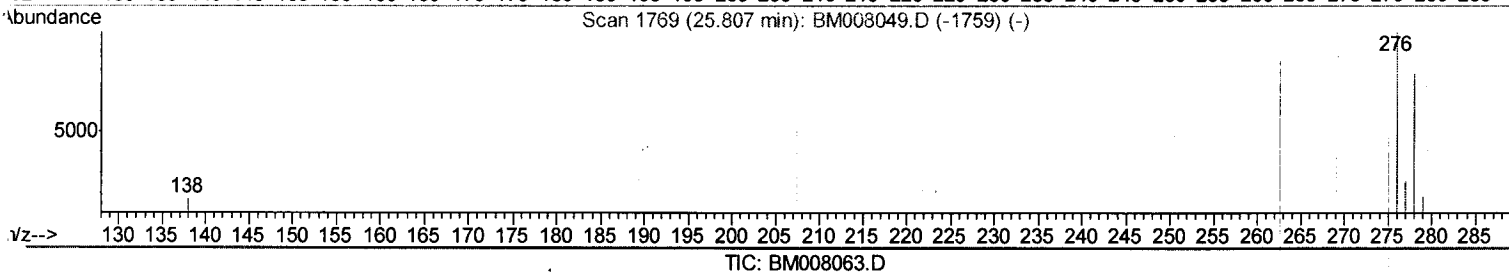
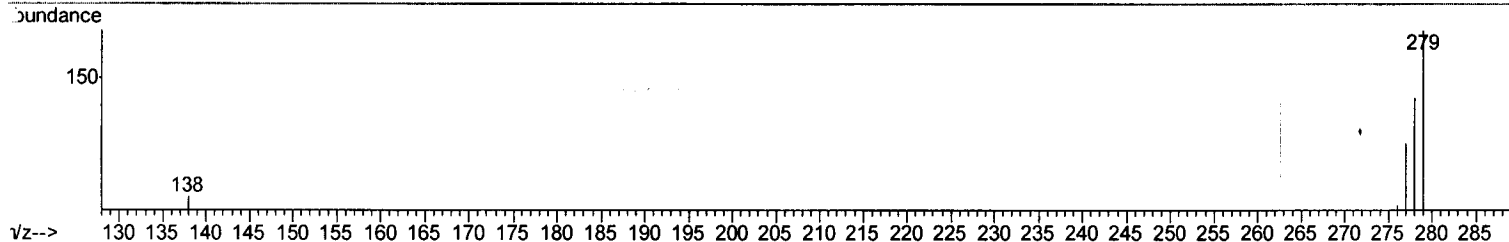
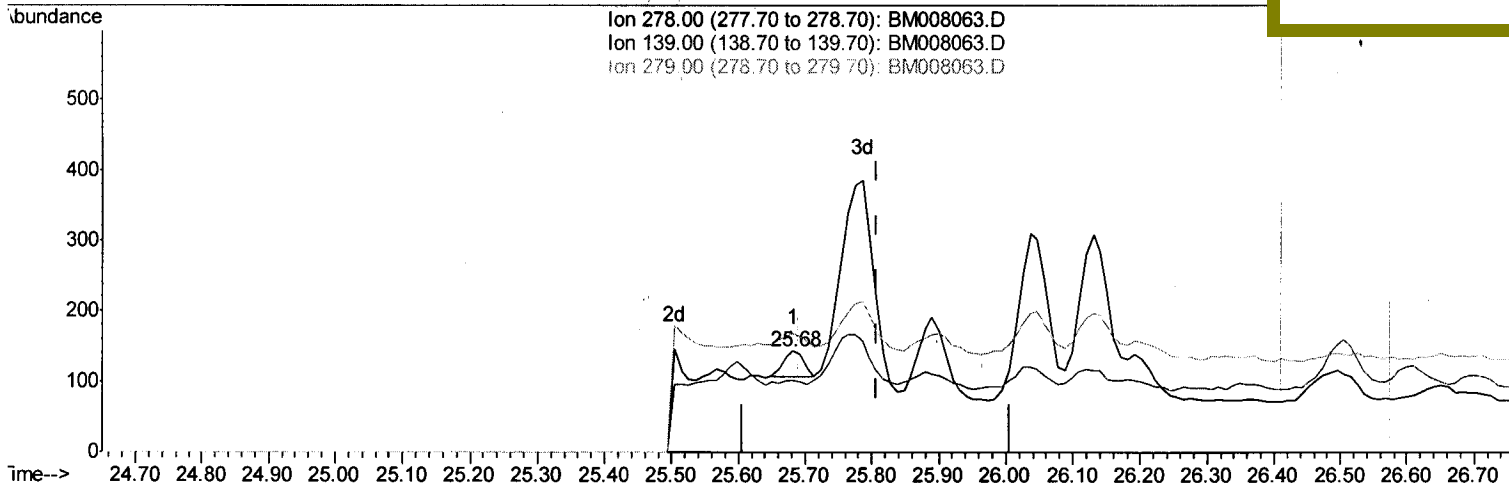
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
Data File : BM008063.D
Acq On : 24 Nov 2016 08:32
Operator : UM/SJ
Sample : H5701-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WG2

Quant Time: Nov 25 01:21:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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(25) Dibenzo(a,h)anthracene

25.682min (-0.125) 0.01ng/ul

response 73

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	70.63#
279.00	32.40	117.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

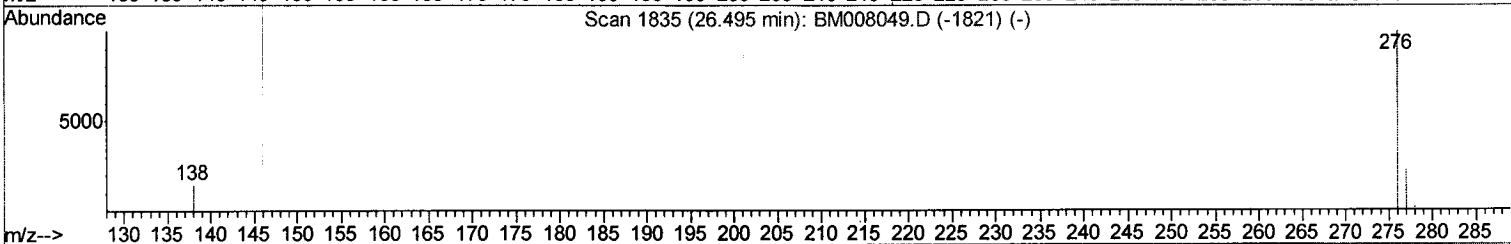
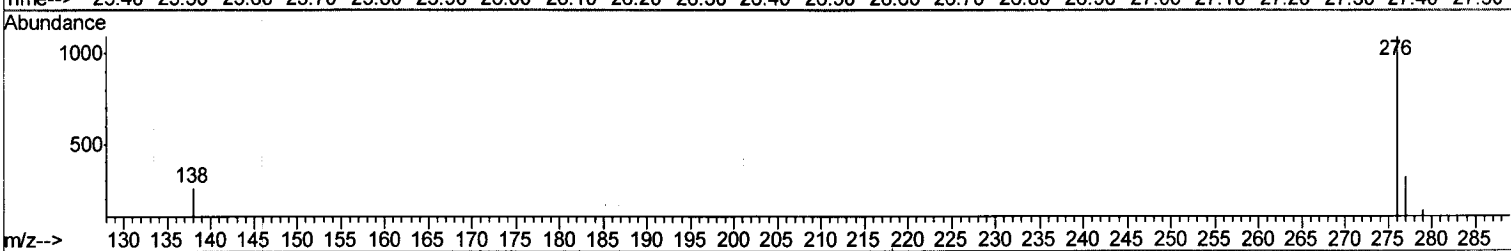
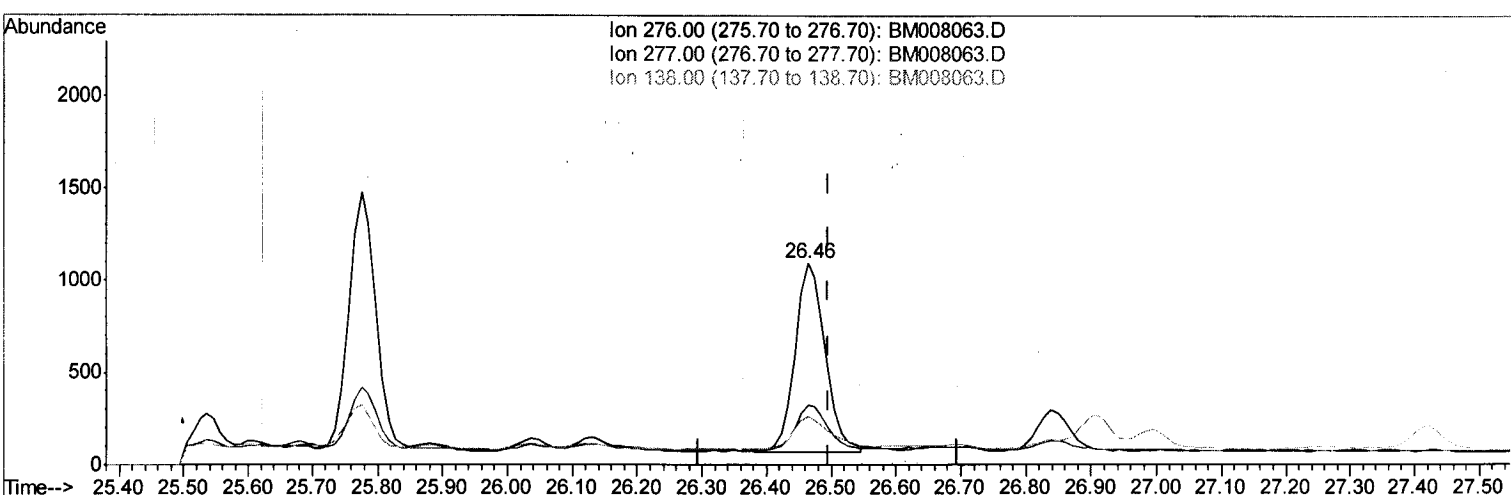
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Quant Time: Nov 25 01:19:57 2016
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TIC: BM008063.D

(26) Benzo(g,h,i)perylene

26.464min (-0.031) 0.29ng/ul m

response 3398

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	29.35
138.00	25.60	23.61
0.00	0.00	0.00

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Quantitation Report (Qedit)

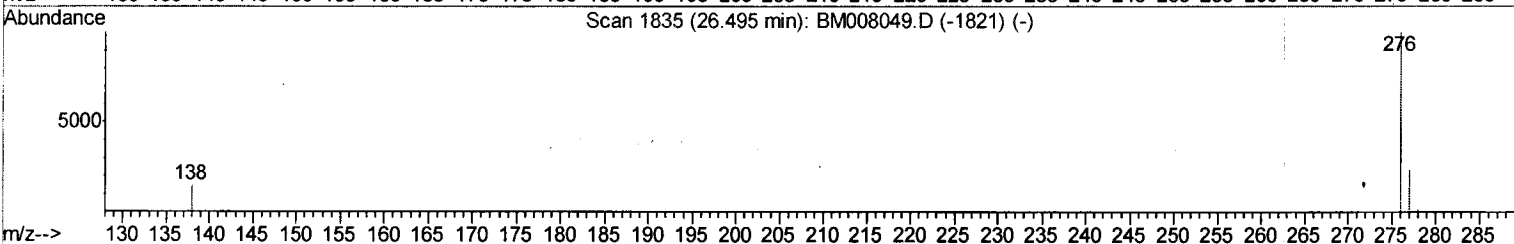
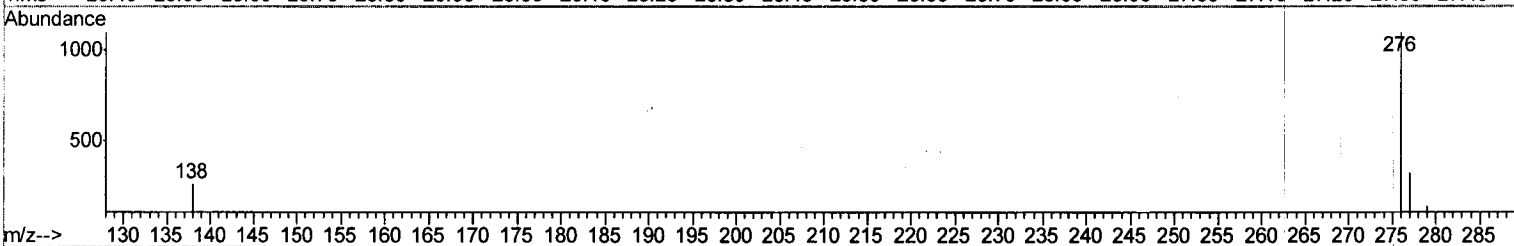
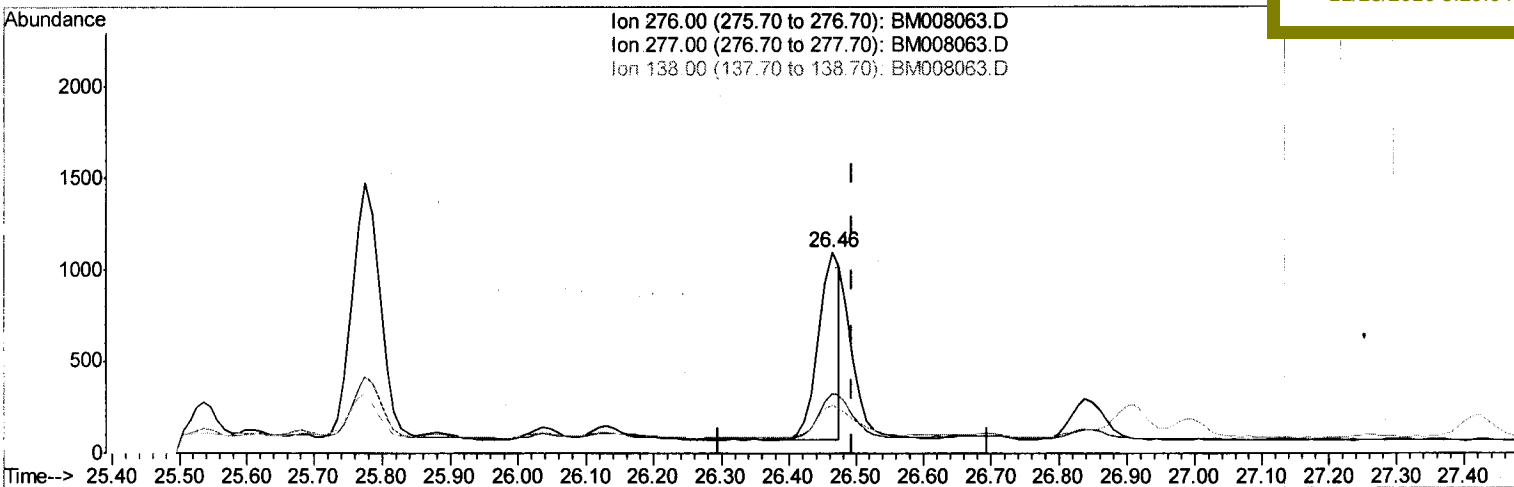
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 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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TIC: BM008063.D

(26) Benzo(g,h,i)perylene

26.464min (-0.031) 0.20ng/ul

response 2316

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	29.35
138.00	25.60	23.61
0.00	0.00	0.00

Quantitation Report (Qedit)

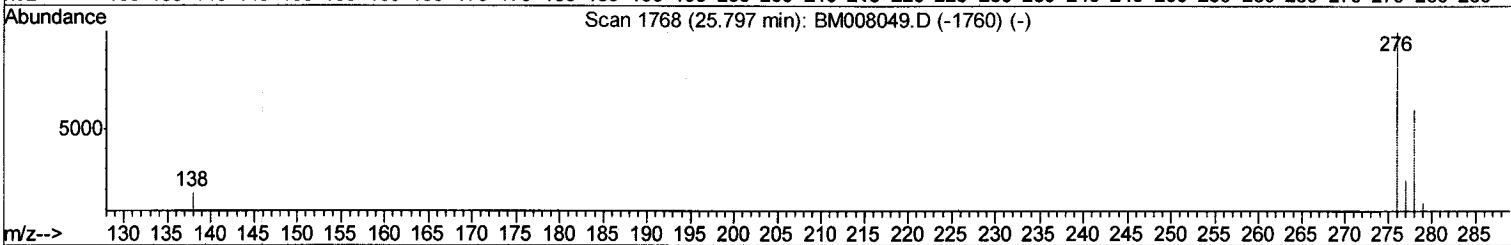
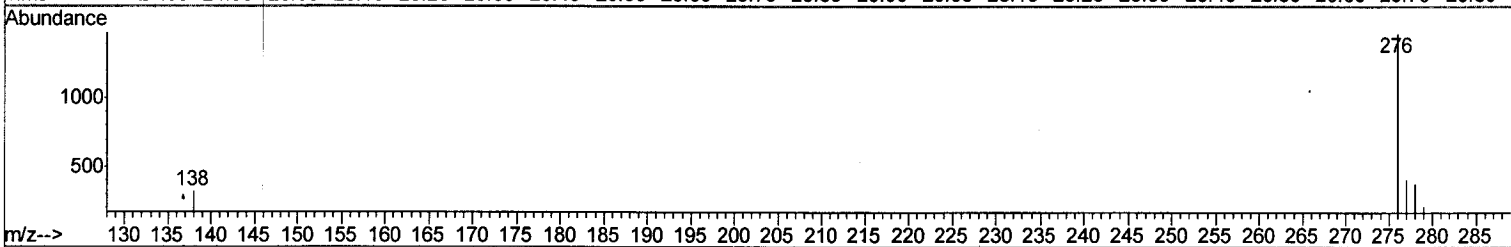
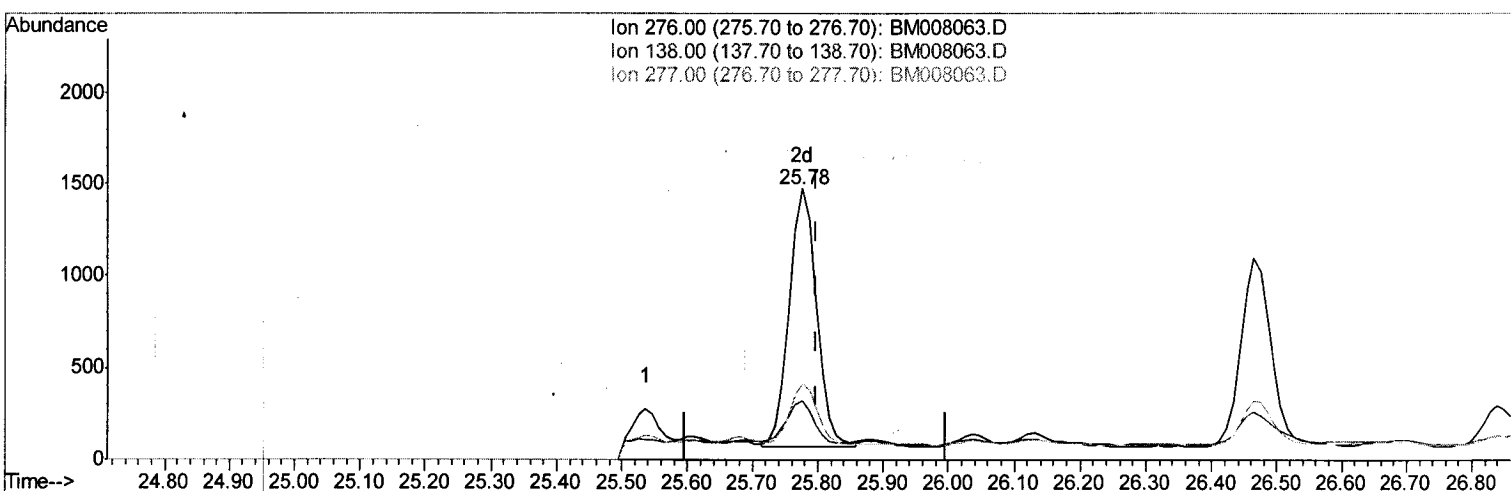
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 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 A4WG2

Manual Integrations
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TIC: BM008063.D

(24) Indeno(1,2,3-cd)pyrene

25.776min (-0.021) 0.31ng/ul m

response 4080

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	32.84#
277.00	24.50	24.39
0.00	0.00	0.00

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Quantitation Report (Qedit)

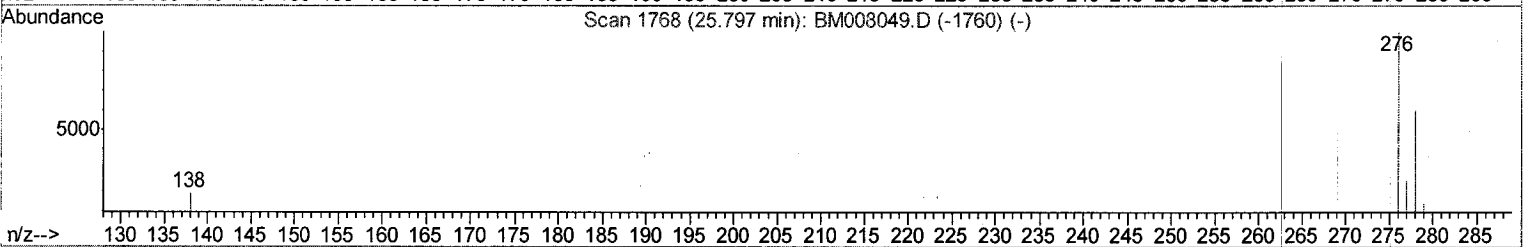
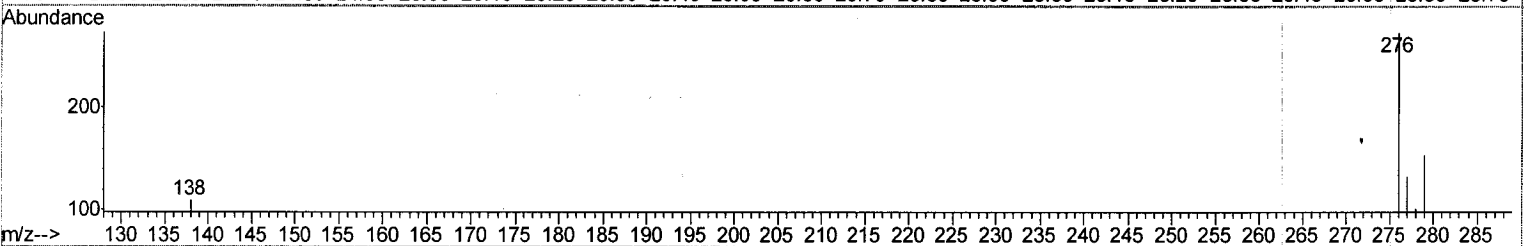
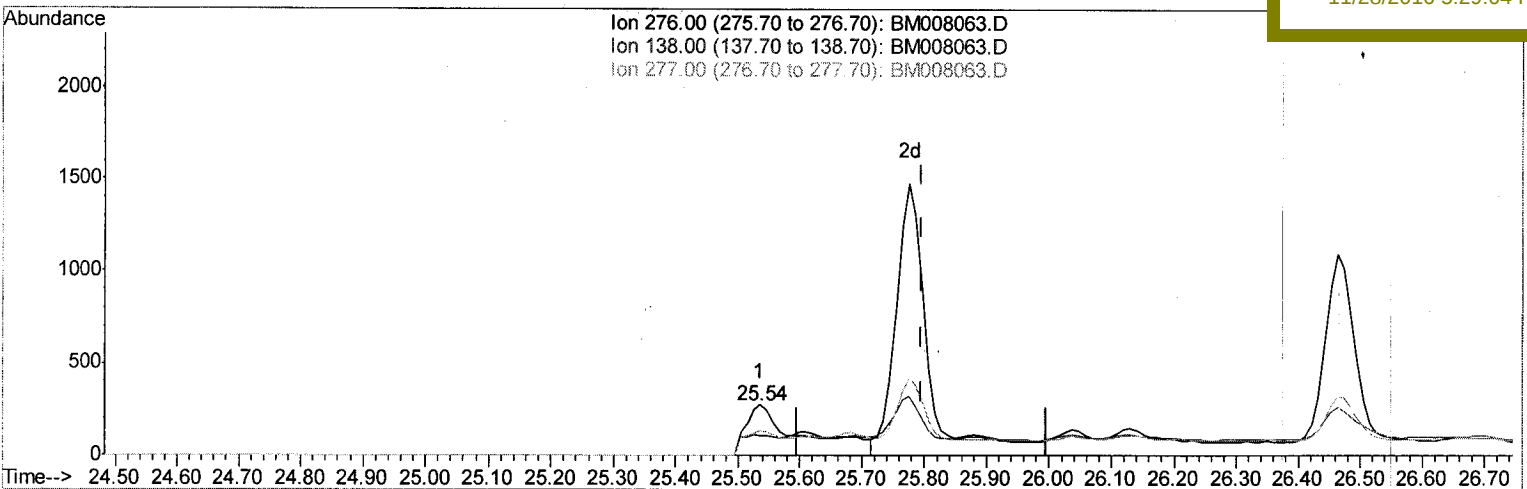
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 Data File : BM008063.D
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 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampled :
 A4WG2

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TIC: BM008063.D

(24) Indeno(1,2,3-cd)pyrene

25.536min (-0.261) 0.13ng/ul

response 1774

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	75.54#
277.00	24.50	56.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

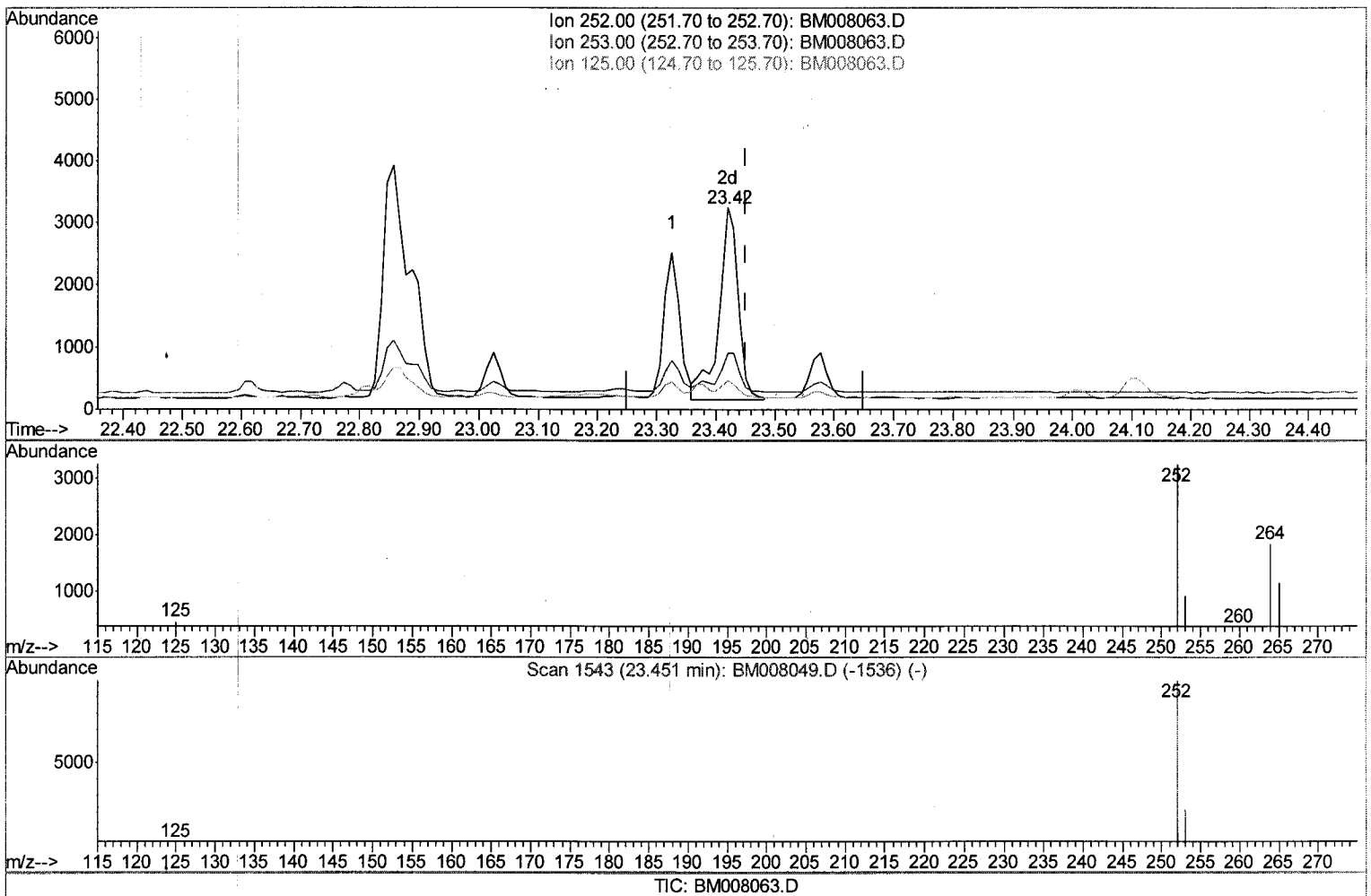
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 Data File : BM008063.D
 Acq On : 24 Nov 2016 08:32
 Operator : UM/SJ
 Sample : M5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample ID :
 A4WG2

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

23.420min (-0.031) 0.65ng/ul m

response 6986

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.27#
125.00	22.60	14.51#
0.00	0.00	0.00

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Quantitation Report (Qedit)

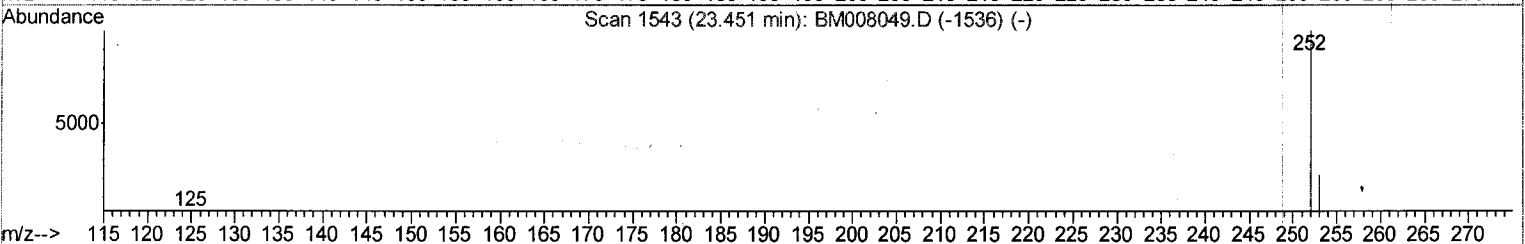
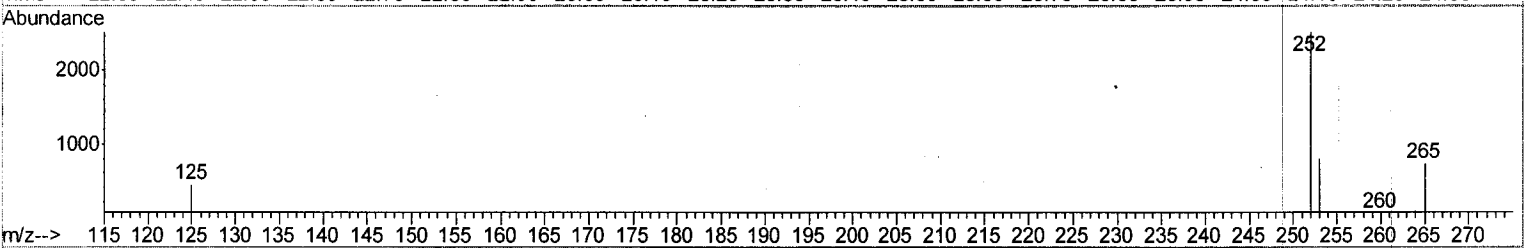
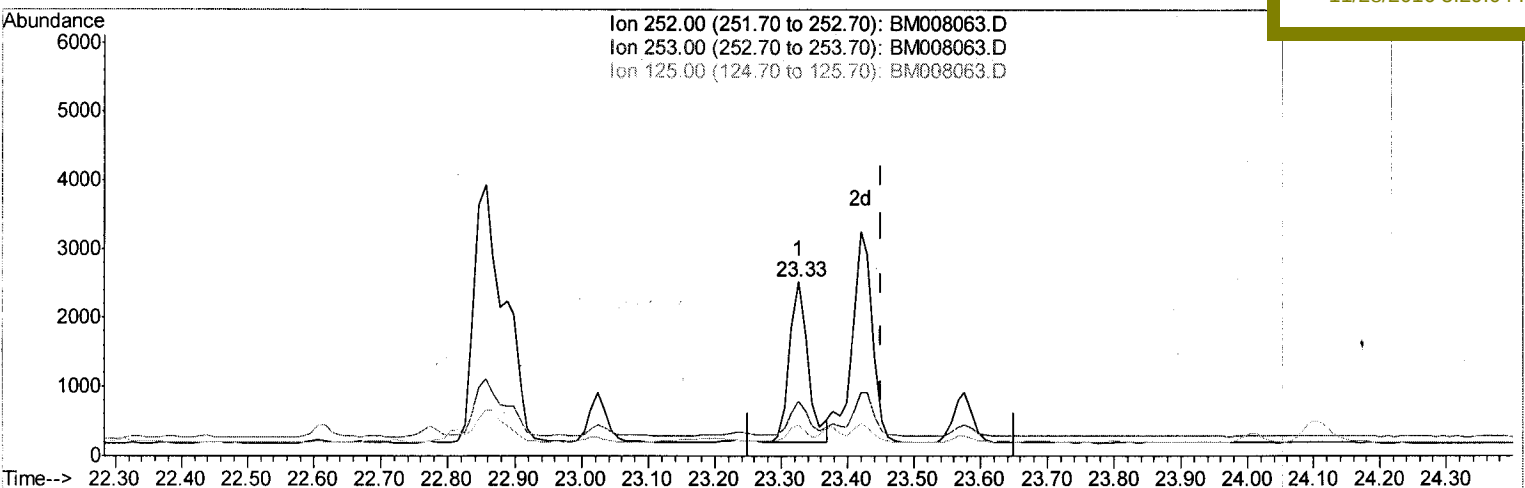
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008063.D
 Acq On : 24 Nov 2016 08:32
 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WG2

Quant Time: Nov 25 01:19:57 2016
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Manual Integrations
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TIC: BM008063.D

(23) Benzo(a)pyrene (C)

23.326min (-0.125) 0.42ng/ul

response 4485

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	31.20
125.00	22.60	17.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

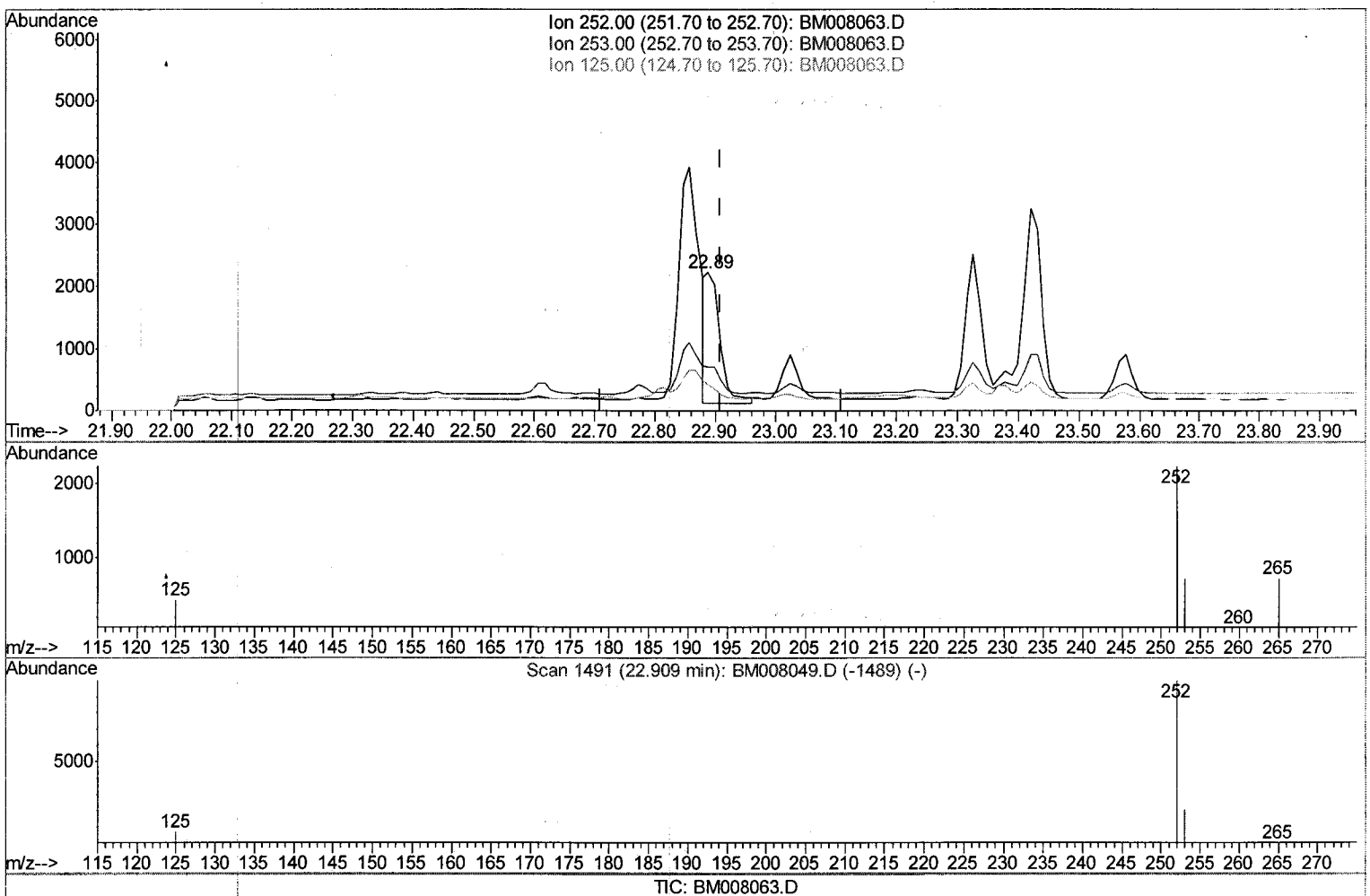
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008063.D
 Acq On : 24 Nov 2016 08:32
 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 A4WG2

Manual Integrations
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 11/28/2016 5:29:04 PM

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(22) Benzo(k)fluoranthene

22.888min (-0.021) 0.29ng/ul m

response 3475

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	32.39
125.00	17.10	19.15
0.00	0.00	0.00

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 11/29/16

Quantitation Report (Qedit)

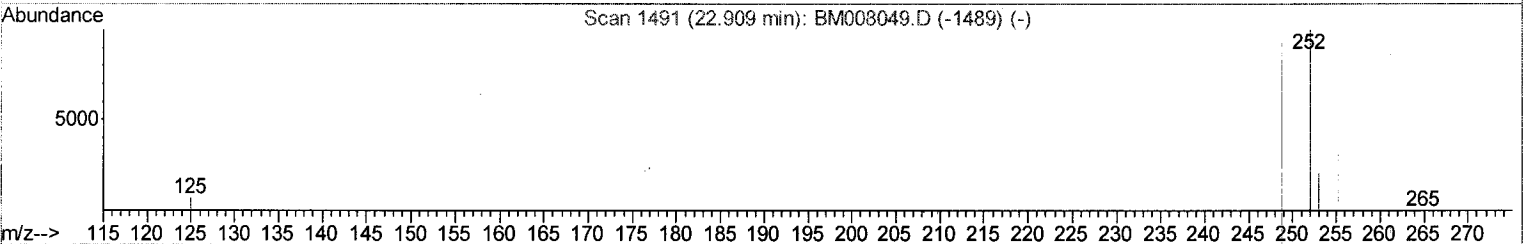
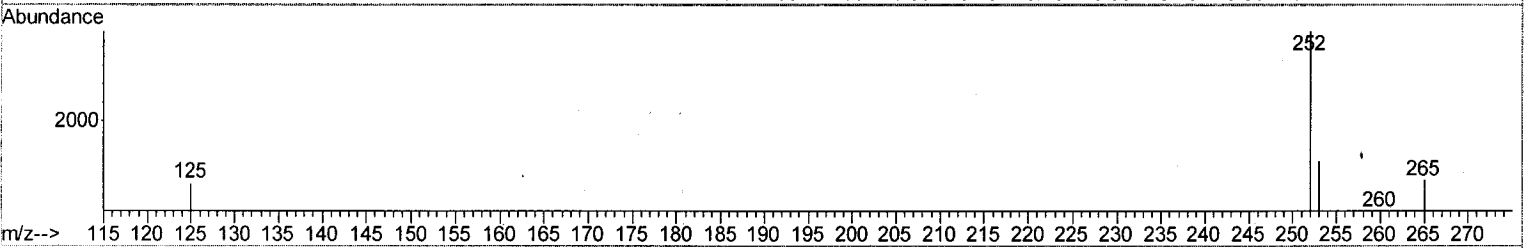
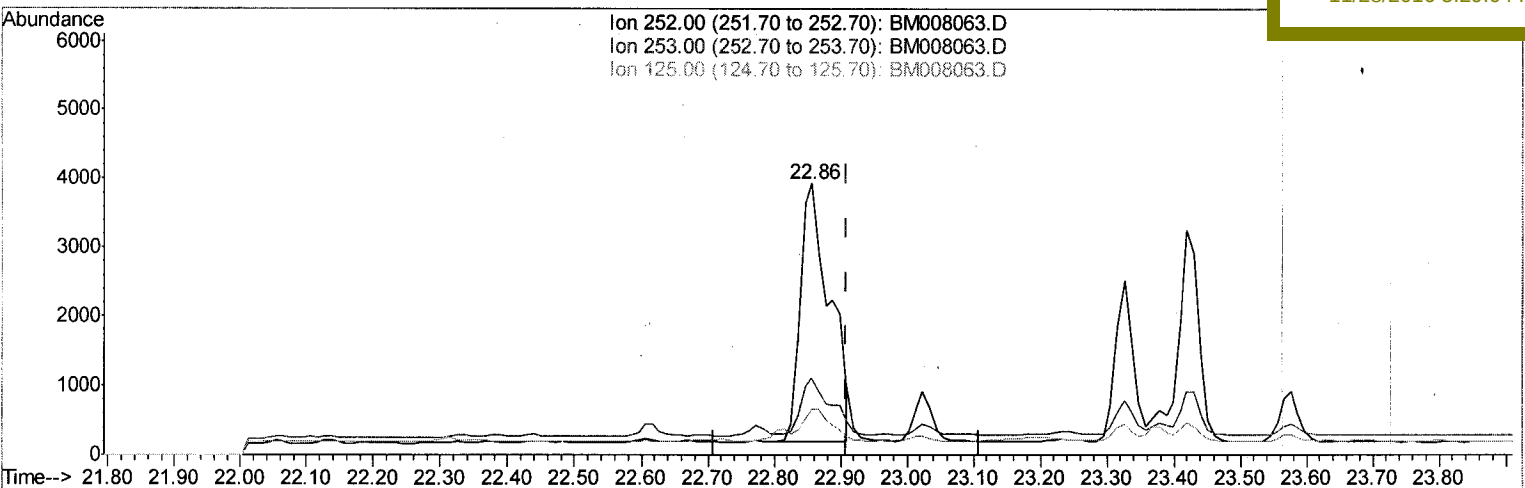
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008063.D
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 Sample : H5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A4WG2

Quant Time: Nov 25 01:19:57 2016
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Manual Integrations
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TIC: BM008063.D

(22) Benzo(k)fluoranthene
 22.857min (-0.052) 0.97ng/ul
 response 11477

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.42
125.00	17.10	16.80
0.00	0.00	0.00

Quantitation Report (Qedit)

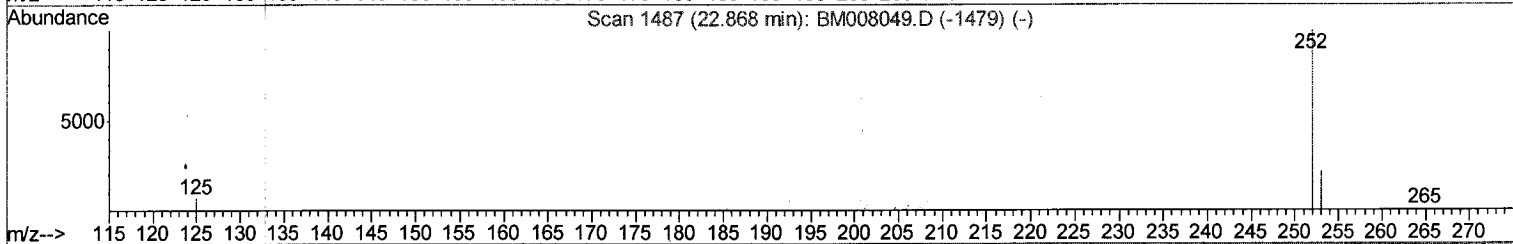
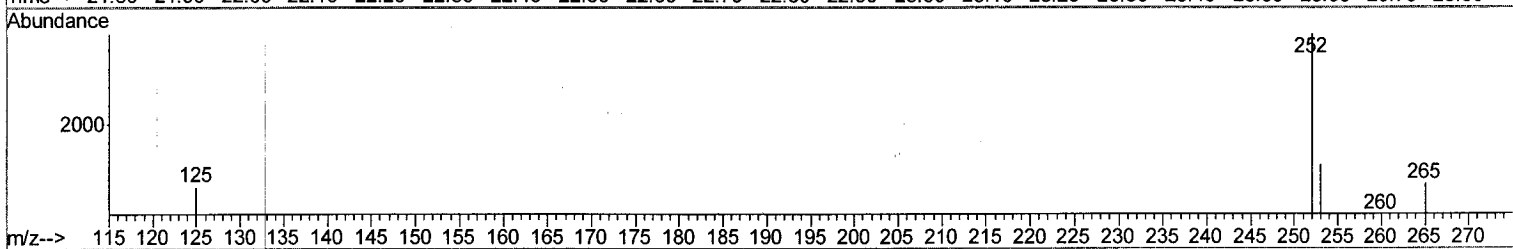
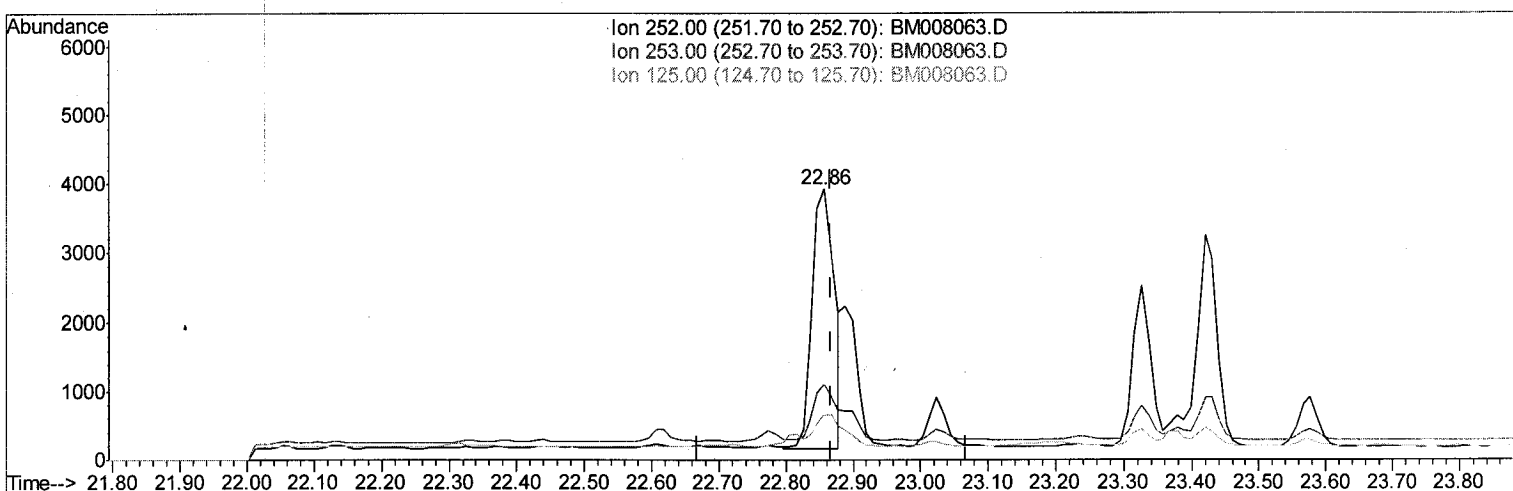
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 ALS Vial : 30 Sample Multiplier: 1

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 ClientSampleId :
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Manual Integrations
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Umangi
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TIC: BM008063.D

(21) Benzo(b)fluoranthene

22.857min (-0.011) 0.76ng/ul m

response 8737

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	28.42
125.00	17.50	16.80
0.00	0.00	0.00

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Quantitation Report (Qedit)

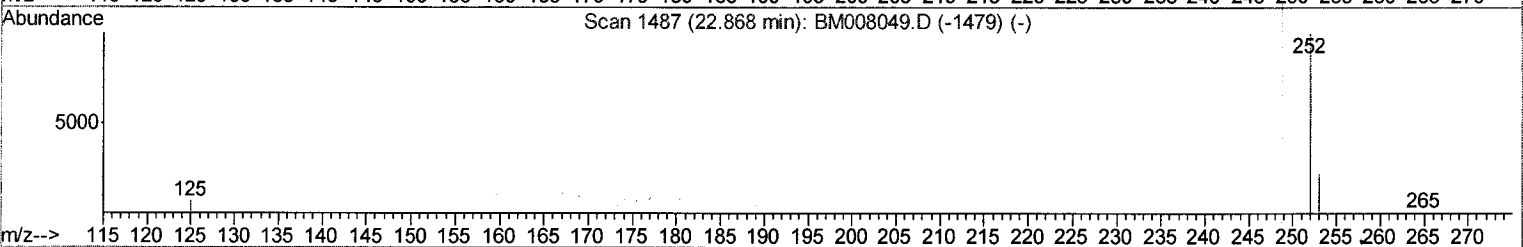
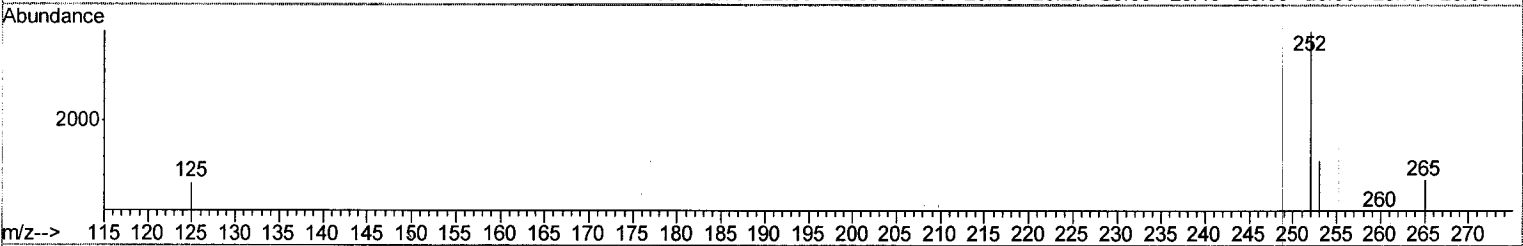
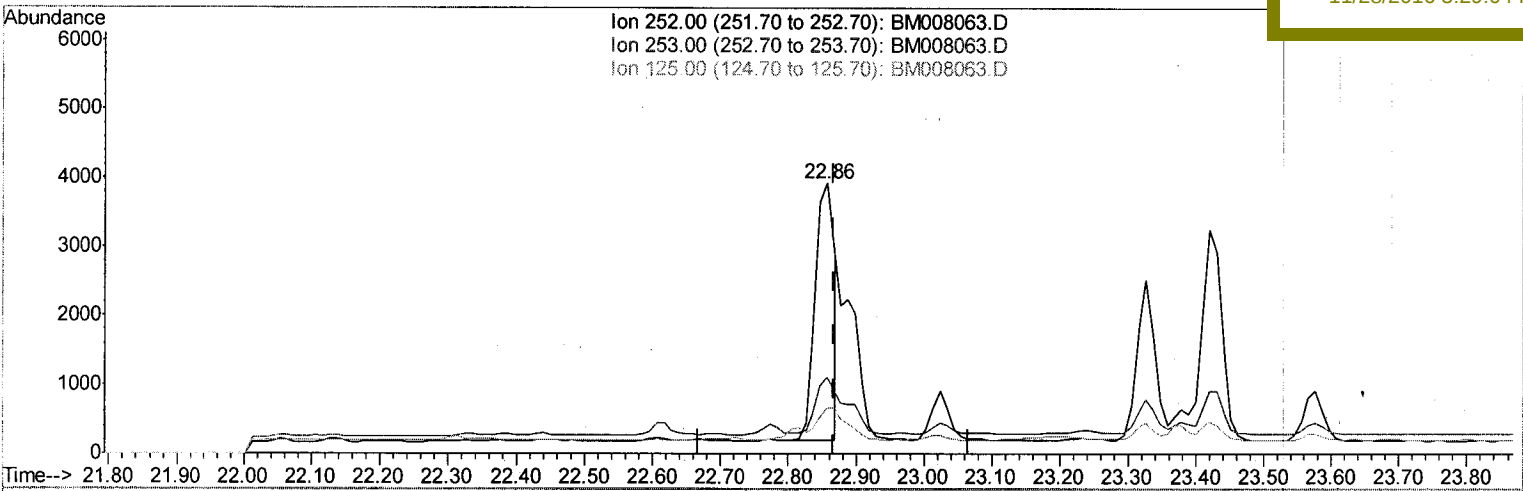
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Manual Integrations
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11/28/2016 5:29:04 PM



TIC: BM008063.D

(21) Benzo(b)fluoranthene

22.857min (-0.011) 0.64ng/ul

response 7323

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	28.42
125.00	17.50	16.80
0.00	0.00	0.00

Quantitation Report (Qedit)

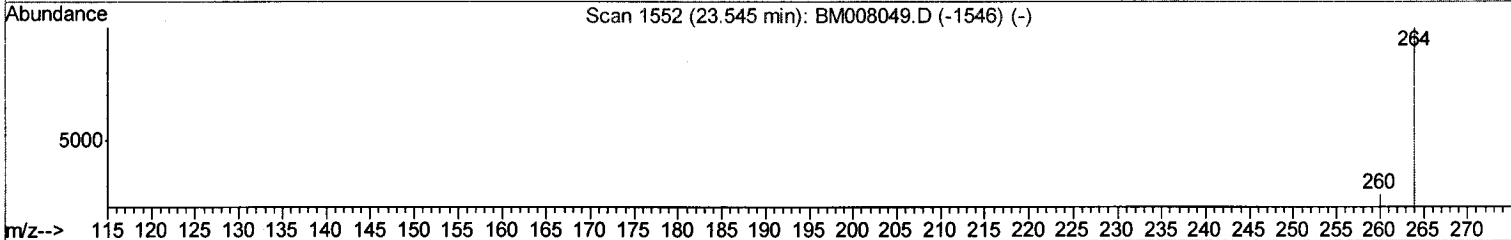
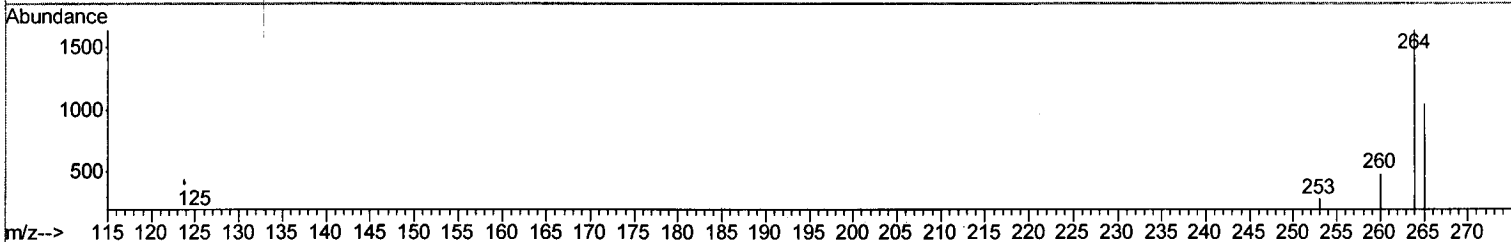
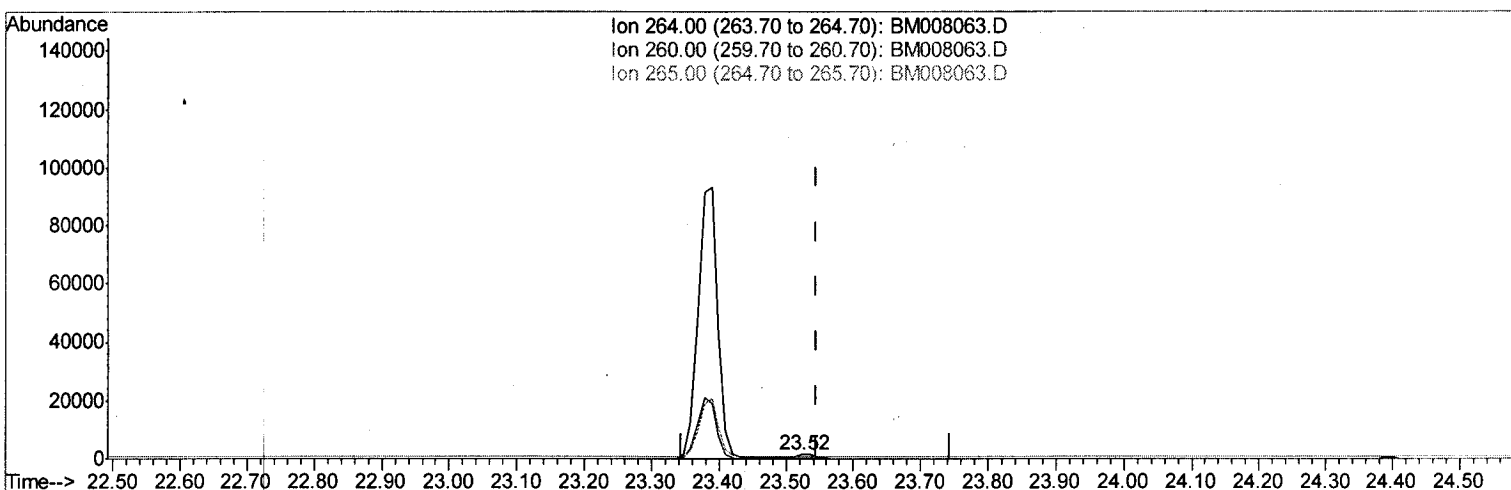
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TIC: BM008063.D

(20) Perylene-d12 (I)

23.524min (-0.021) 0.40ng/ul m

response 2881

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Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.93
265.00	103.50	64.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

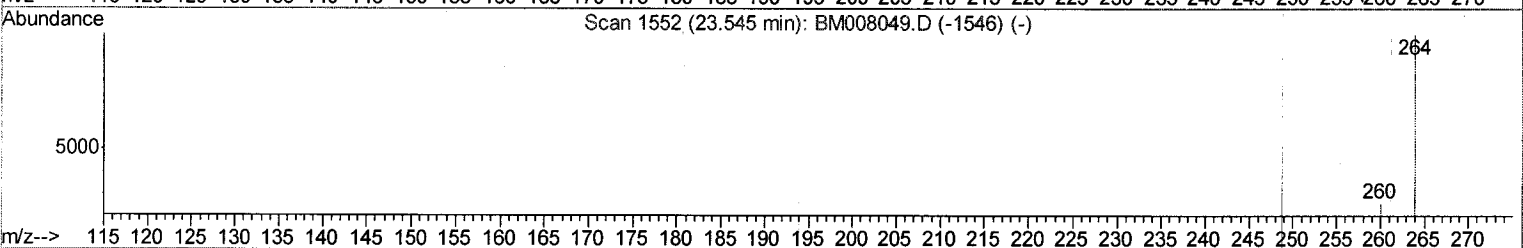
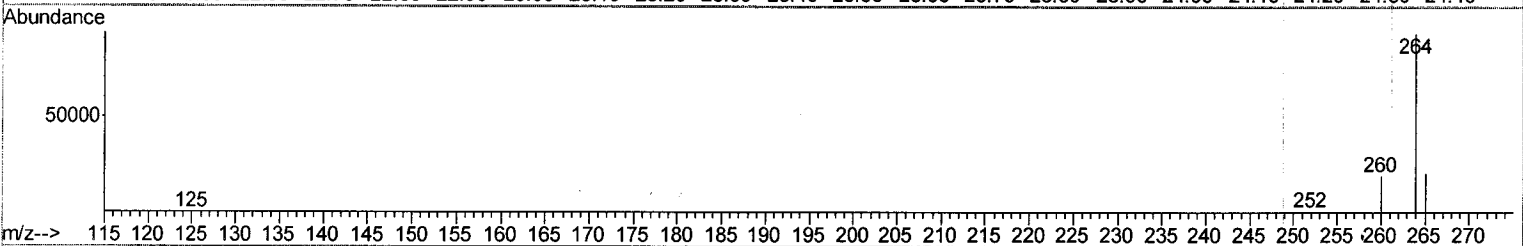
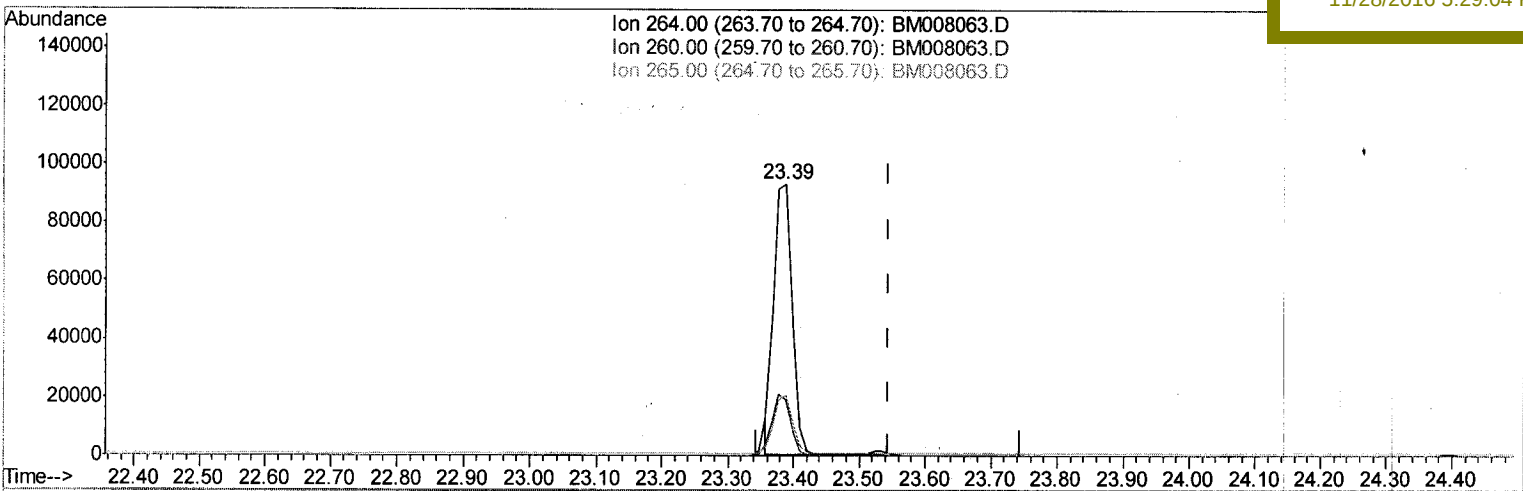
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 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 25 00:23:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 A4WG2

Manual Integrations
APPROVED

Umangi
 11/28/2016 5:29:04 PM



TIC: BM008063.D

(20) Perylene-d12 (I)
 23.389min (-0.156) 0.40ng/ul
 response 178879

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.58#
265.00	103.50	22.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

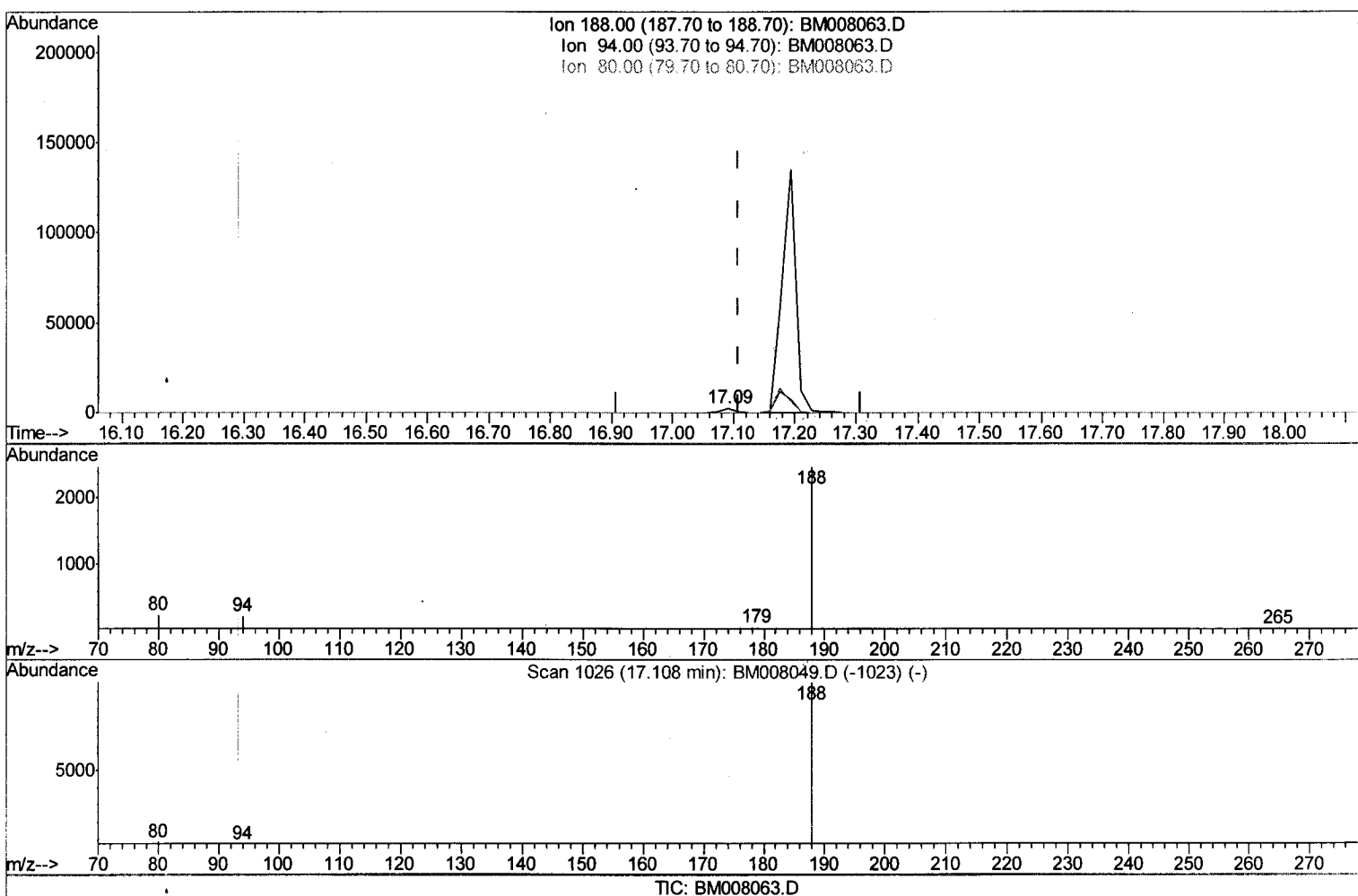
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008063.D
 Acq On : 24 Nov 2016 08:32
 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WG2

Manual Integrations
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Umangi
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Quant Time: Nov 25 00:23:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.090min (-0.017) 0.40ng/ul m

response 3647

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.33
80.00	11.80	10.15
0.00	0.00	0.00

S. J.
 11/29/16

Quantitation Report (Qedit)

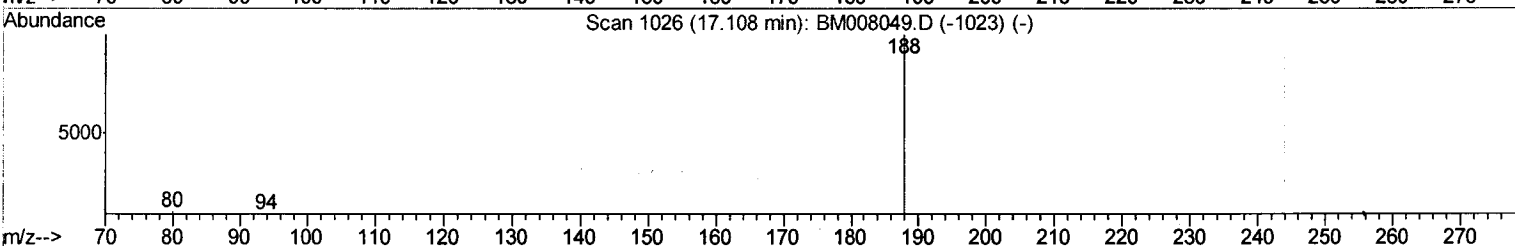
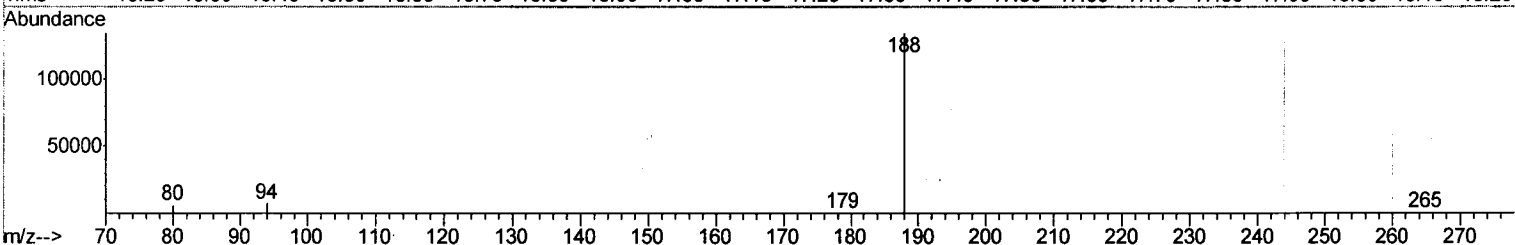
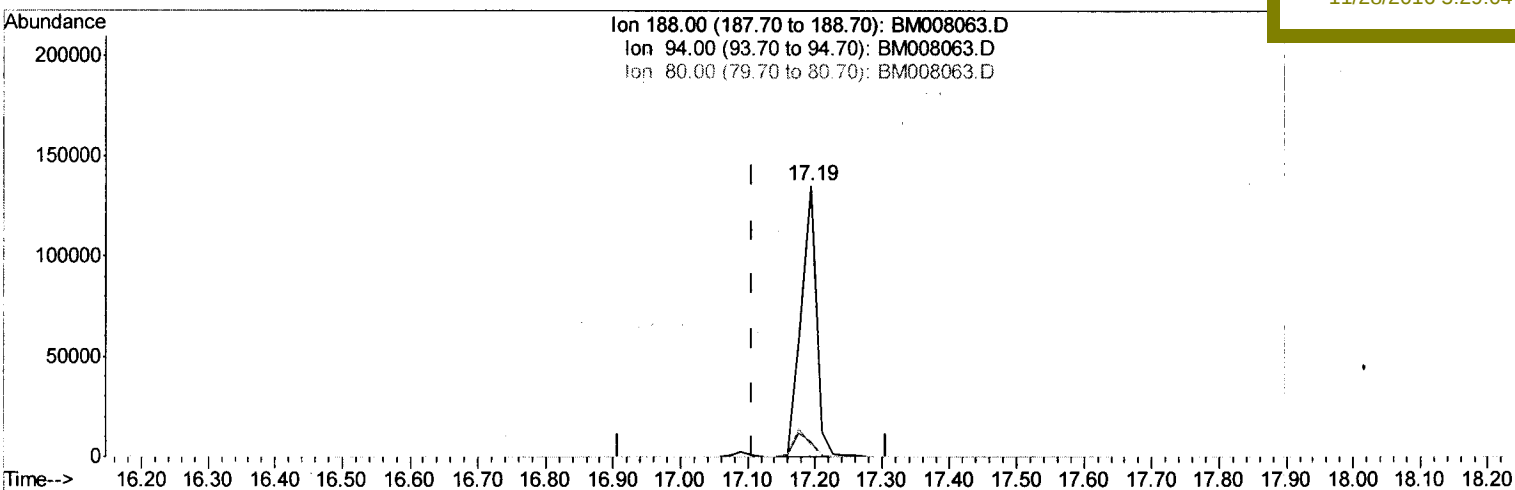
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008063.D
 Acq On : 24 Nov 2016 08:32
 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 A4WG2

Quant Time: Nov 25 00:23:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008063.D

(10) Phenanthrene-d10 (I)

17.193min (+0.086) 0.40ng/ul

response 213169

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.42#
80.00	11.80	4.42#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008063.D
 Acq On : 24 Nov 2016 08:32
 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WG2

Quant Time: Nov 25 01:22:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	844	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.49	136	2936	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1810	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3647m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	3348	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	2881m	0.40	ng/ul	-0.02

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	1151	0.28	ng/ul	-0.03
14) Fluoranthene-d10	19.13	212	2631	0.25	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	237	0.03	ng/ul#	50
7) Acenaphthylene	14.06	152	649	0.08	ng/ul#	84
8) Acenaphthene	14.40	153	275	0.04	ng/ul#	94
9) Fluorene	15.39	166	448	0.06	ng/ul#	81
12) Phenanthrene	17.12	178	6248	0.55	ng/ul	97
13) Anthracene	17.23	178	2029	0.19	ng/ul#	93
15) Fluoranthene	19.16	202	13925	0.95	ng/ul	94
17) Pyrene	19.52	202	12455	1.07	ng/ul	98
18) Benzo(a)anthracene	21.27	228	6719	0.65	ng/ul	97
19) Chrysene	21.32	228	6638	0.52	ng/ul	97
21) Benzo(b)fluoranthene	22.86	252	8737m	0.76	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	3475m	0.29	ng/ul	
23) Benzo(a)pyrene	23.42	252	6986m	0.65	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	4080m	0.31	ng/ul	
25) Dibenzo(a,h)anthracene	25.79	278	1180m	0.11	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	3398m	0.29	ng/ul	

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