

Quantitation Report (QT Reviewed)

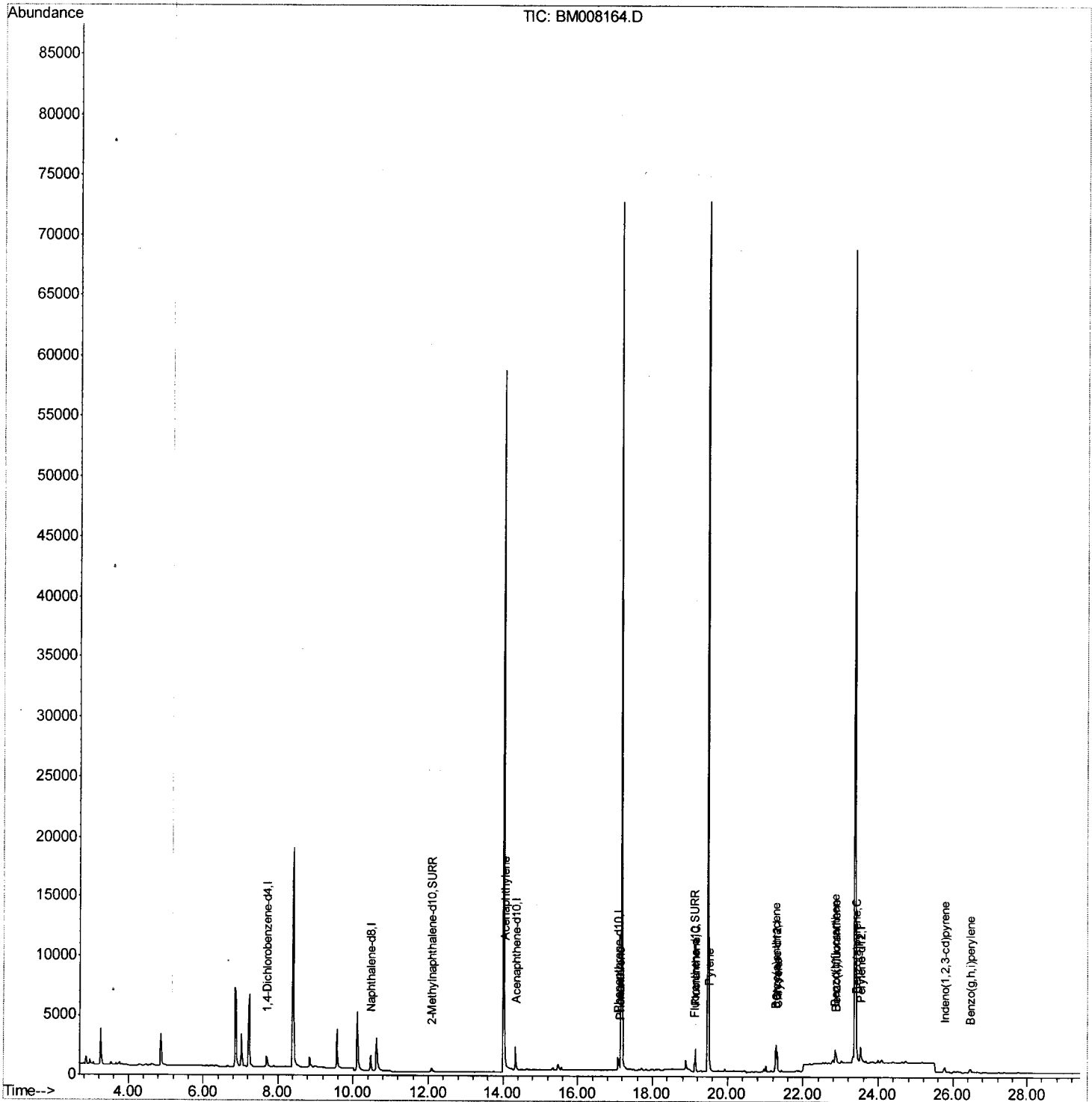
Data Path: Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File: BM008164.D
 Acq On: 02 Dec 2016 19:51
 Operator: UM/SJ
 Sample: H5730-13
 Misc:
 ALS Vial: 17 Sample Multiplier: 1

Instrument:
 BNA_M
 ClientSampleId:
 A4WI1

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:17:49 AM

Quant Time: Dec 03 02:15:34 2016
 Quant Method: Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title: ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update: Sat Dec 03 00:55:35 2016
 Response via: Initial Calibration



Quantitation Report (Qedit)

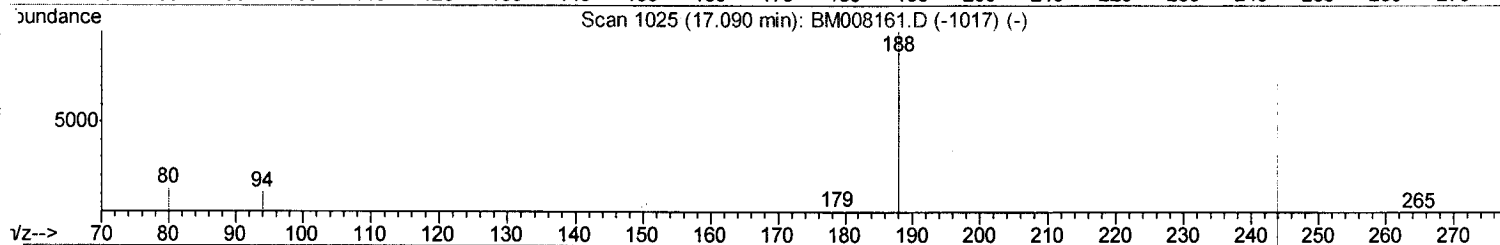
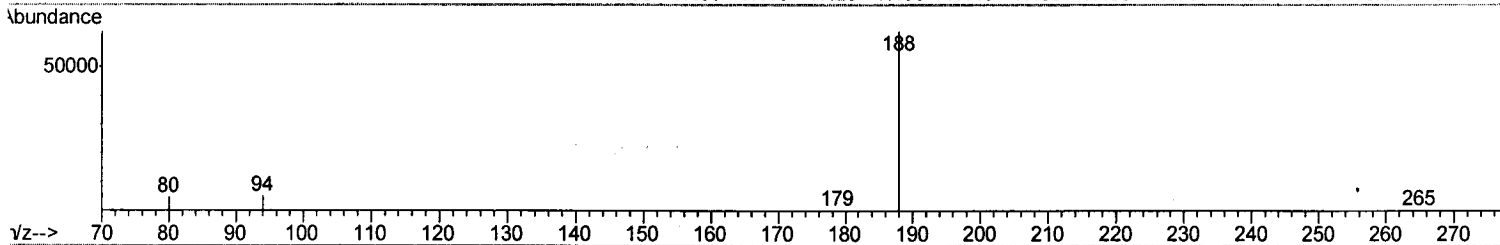
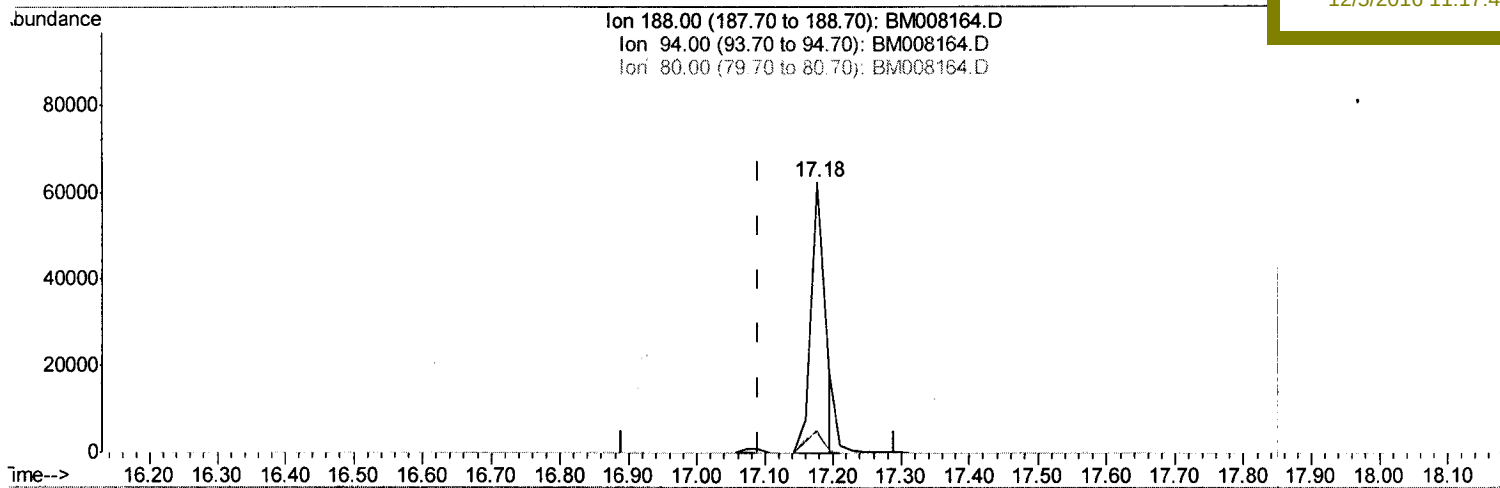
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Manual Integrations
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Quant Time: Dec 03 00:58:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM008164.D

(10) Phenanthrene-d10 (I)

17.176min (+0.086) 0.40ng/ul

response 90973

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.19#
80.00	11.80	7.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

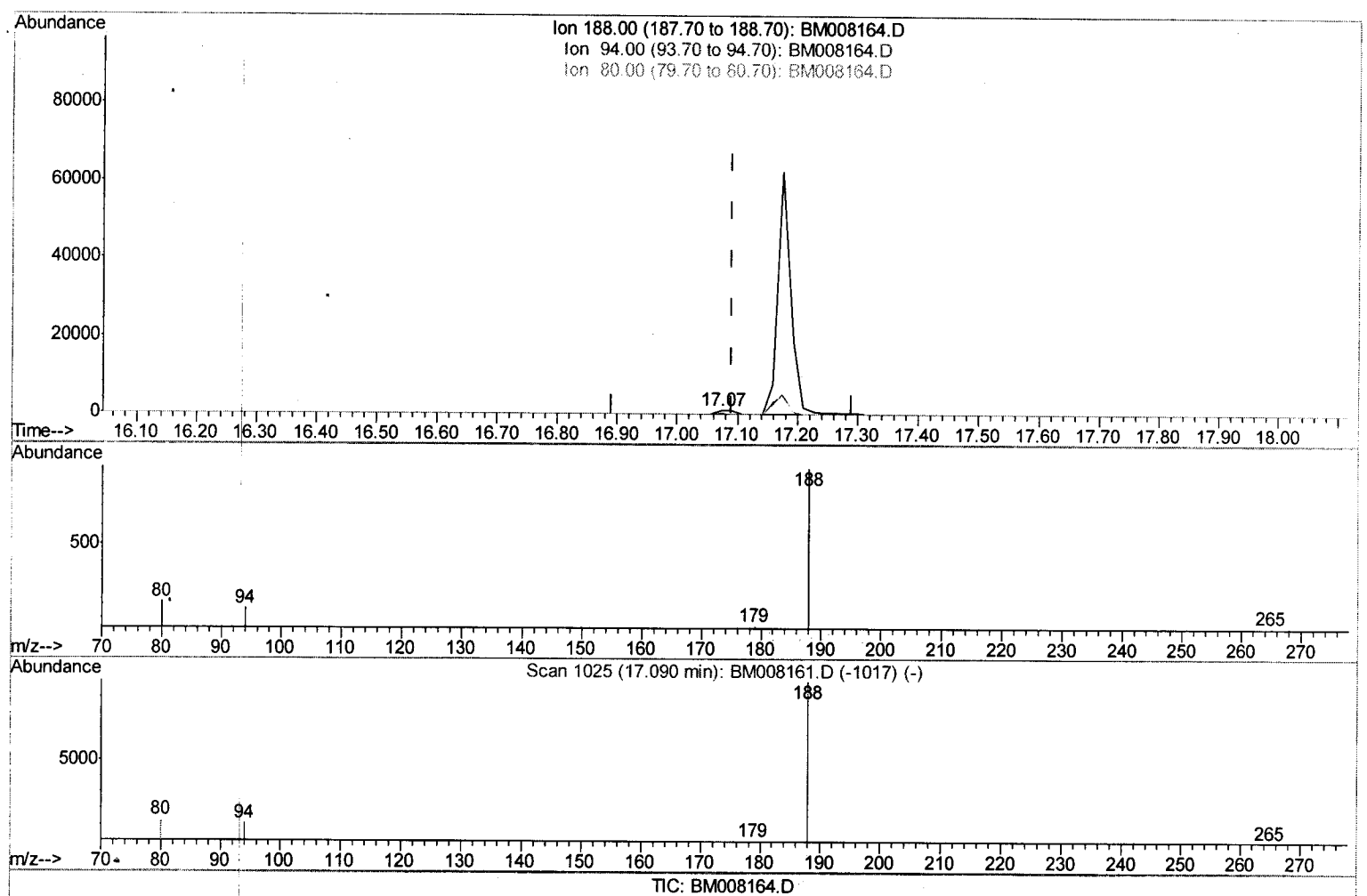
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 Operator : UM/SJ
 Sample : H5730-13
 Misc :
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Instrument :
 BNA_M
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 A4W11

Manual Integrations
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(10) Phenanthrene-d10 (I)

17.073min (-0.017) 0.40ng/ul m

response 1977

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	16.78#
80.00	11.80	20.50#
0.00	0.00	0.00

> 5.7
 12/06/16

Quantitation Report (Qedit)

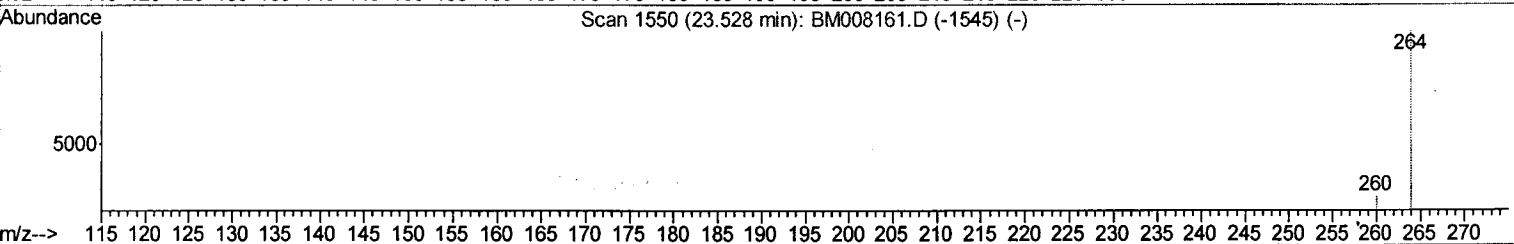
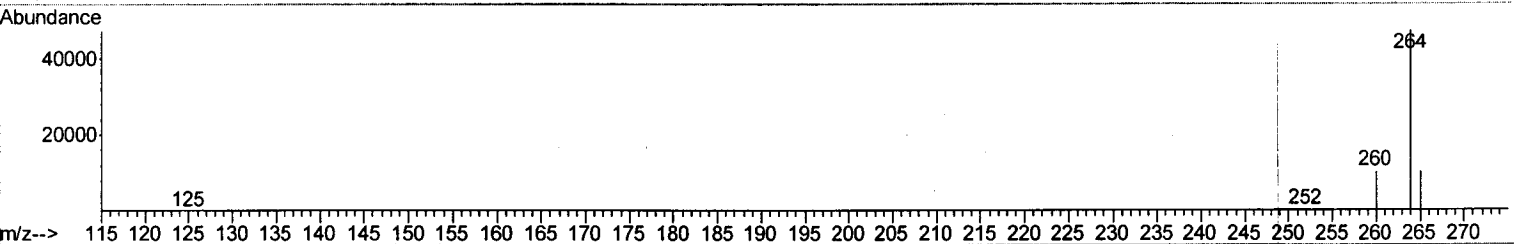
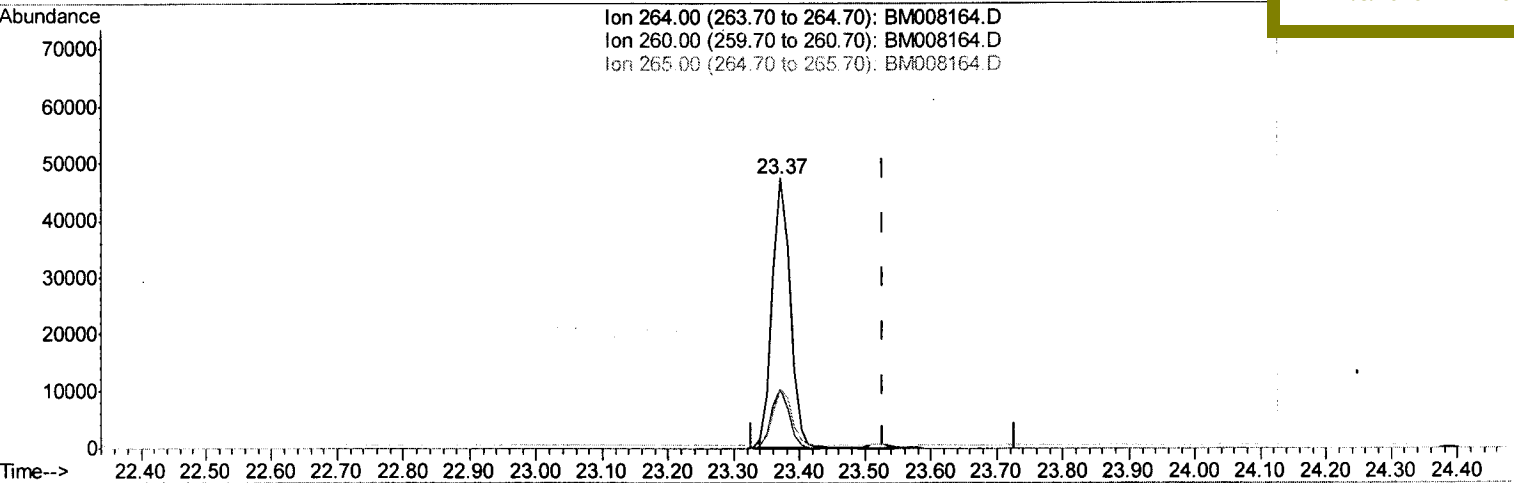
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TIC: BM008164.D

(20) Perylene-d12 (I)

23.371min (-0.156) 0.40ng/ul

response 87862

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.70#
265.00	103.50	21.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

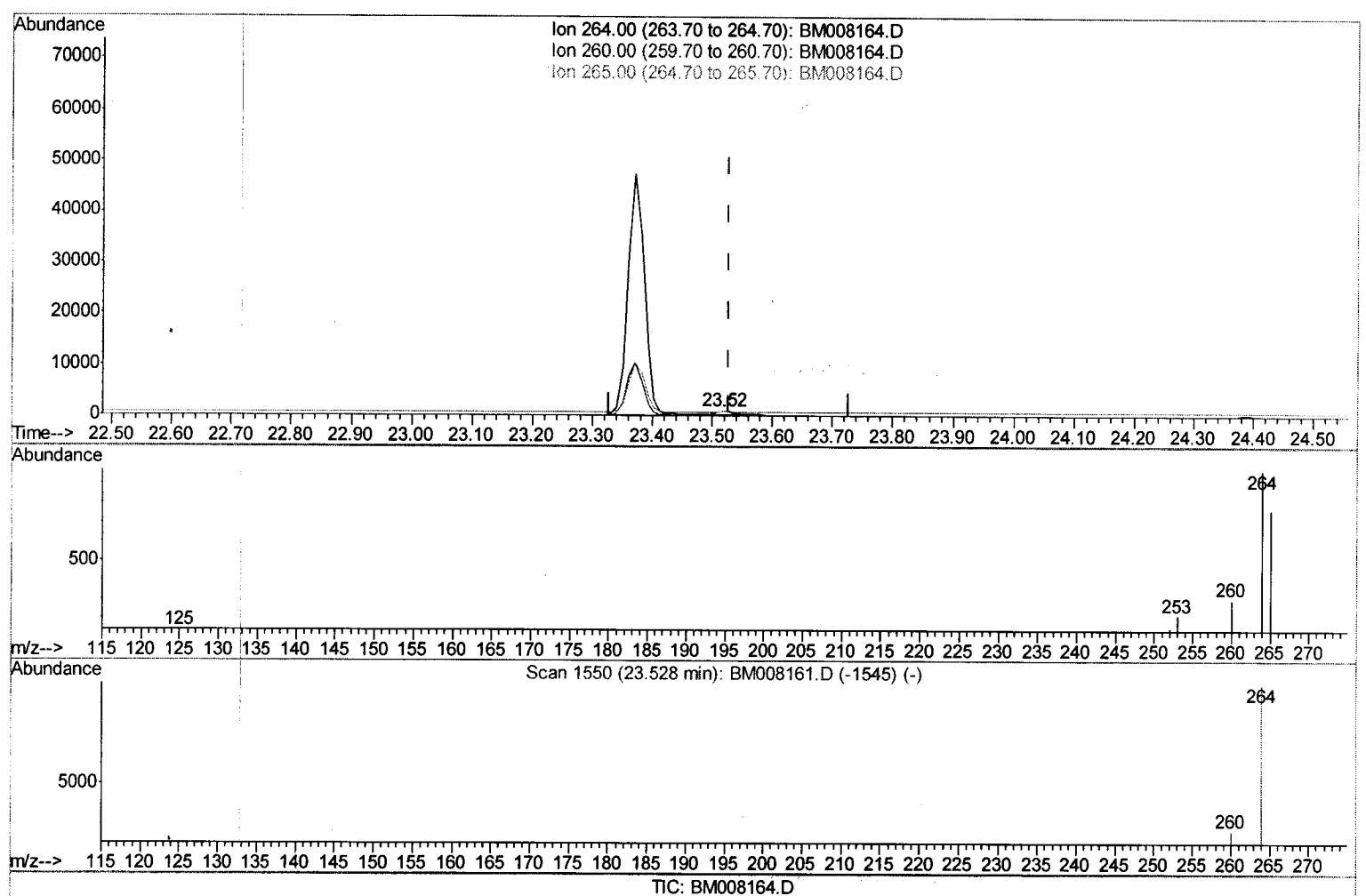
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(20) Perylene-d12 (I)

23.517min (-0.010) 0.40ng/ul m

response 1671

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.90
265.00	103.50	79.16#
0.00	0.00	0.00

25.5
 12/06/16

Quantitation Report (Qedit)

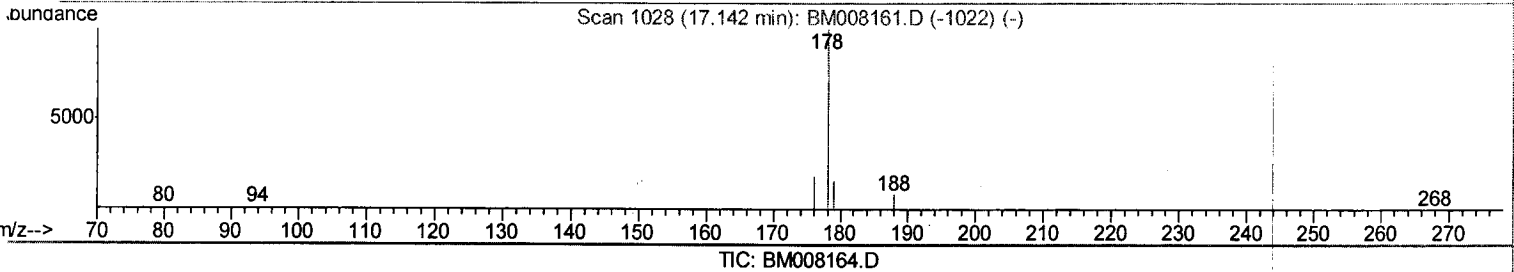
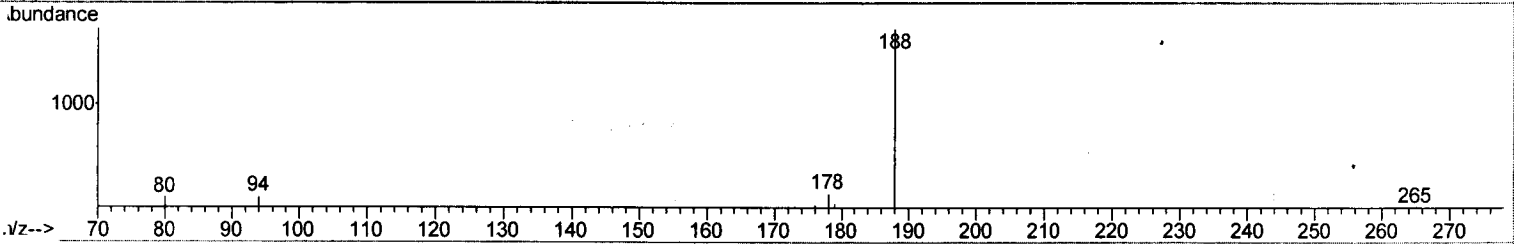
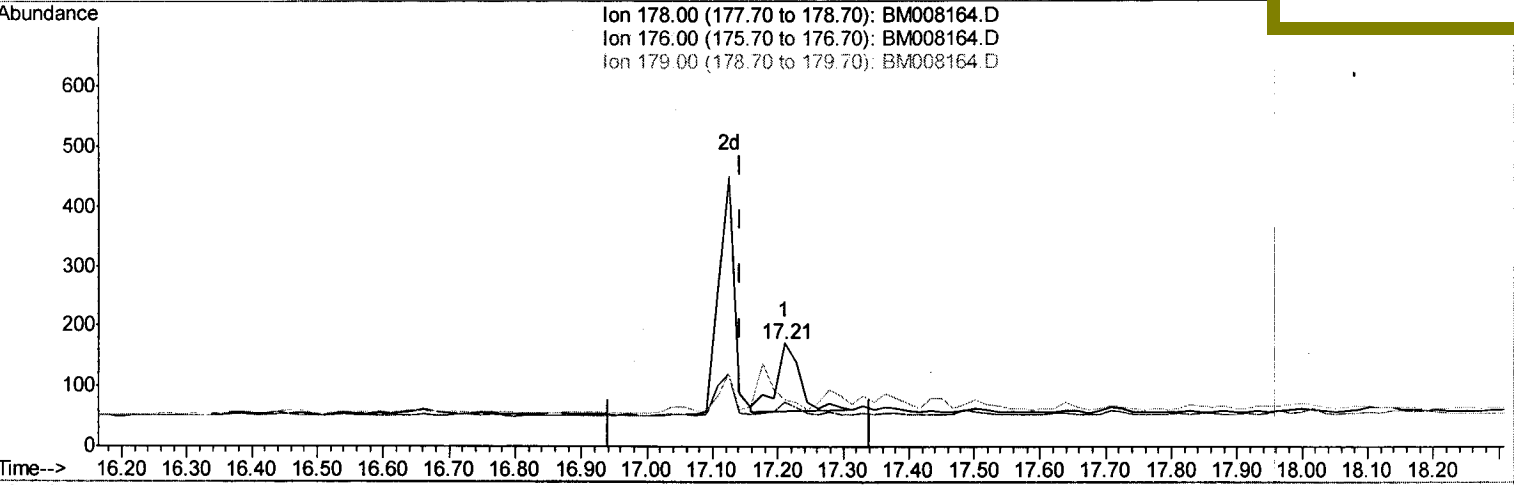
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(12) Phenanthrene

17.210min (+0.069) 0.05ng/ul

response 296

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	43.02#
179.00	17.00	45.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

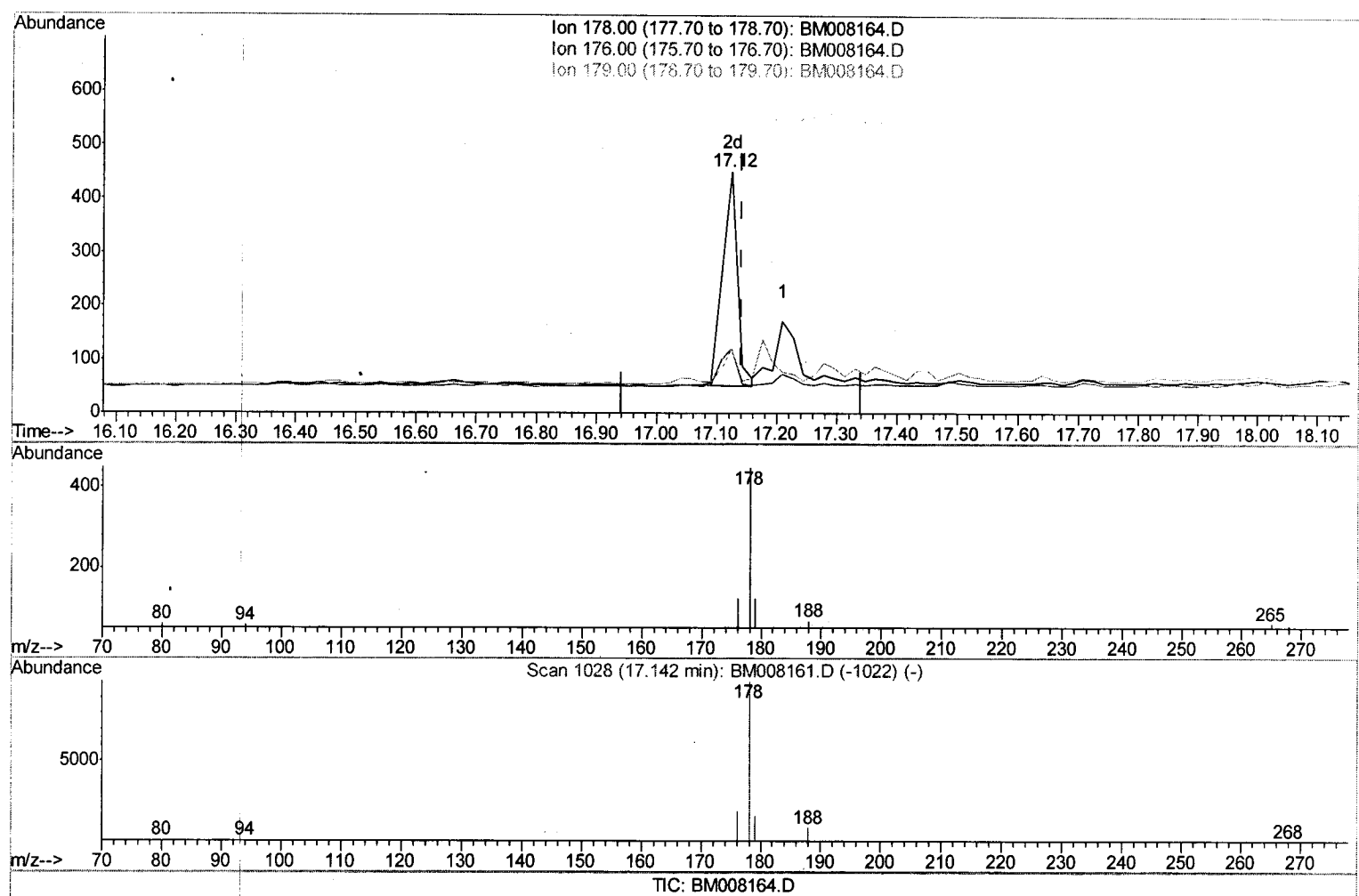
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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 A4W11

Manual Integrations
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(12) Phenanthrene

17.125min (-0.017) 0.11ng/ul m

response 681

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	26.83
179.00	17.00	26.83#
0.00	0.00	0.00

9.5
 12/06/16

Quantitation Report (Qedit)

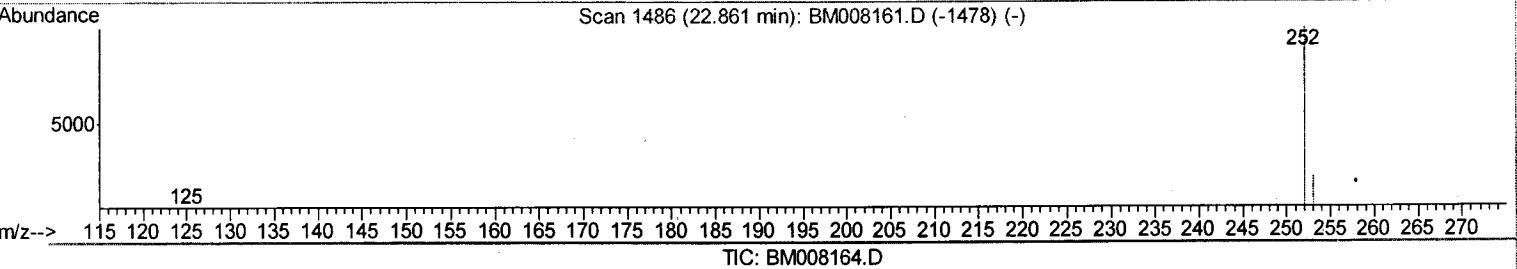
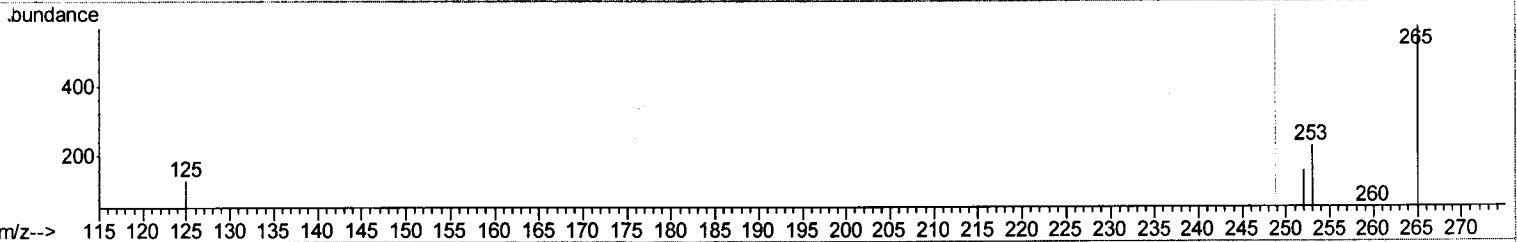
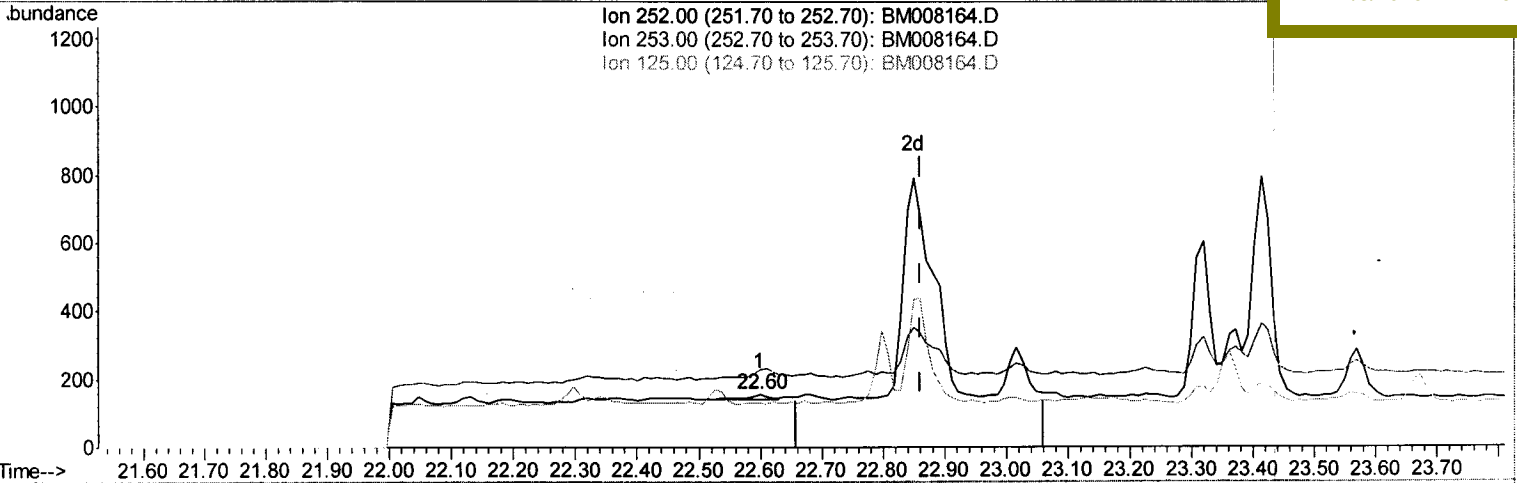
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Instrument :
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(21) Benzo(b)fluoranthene

22.600min (-0.261) 0.01ng/ul

response 39

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	144.87#
125.00	17.50	83.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

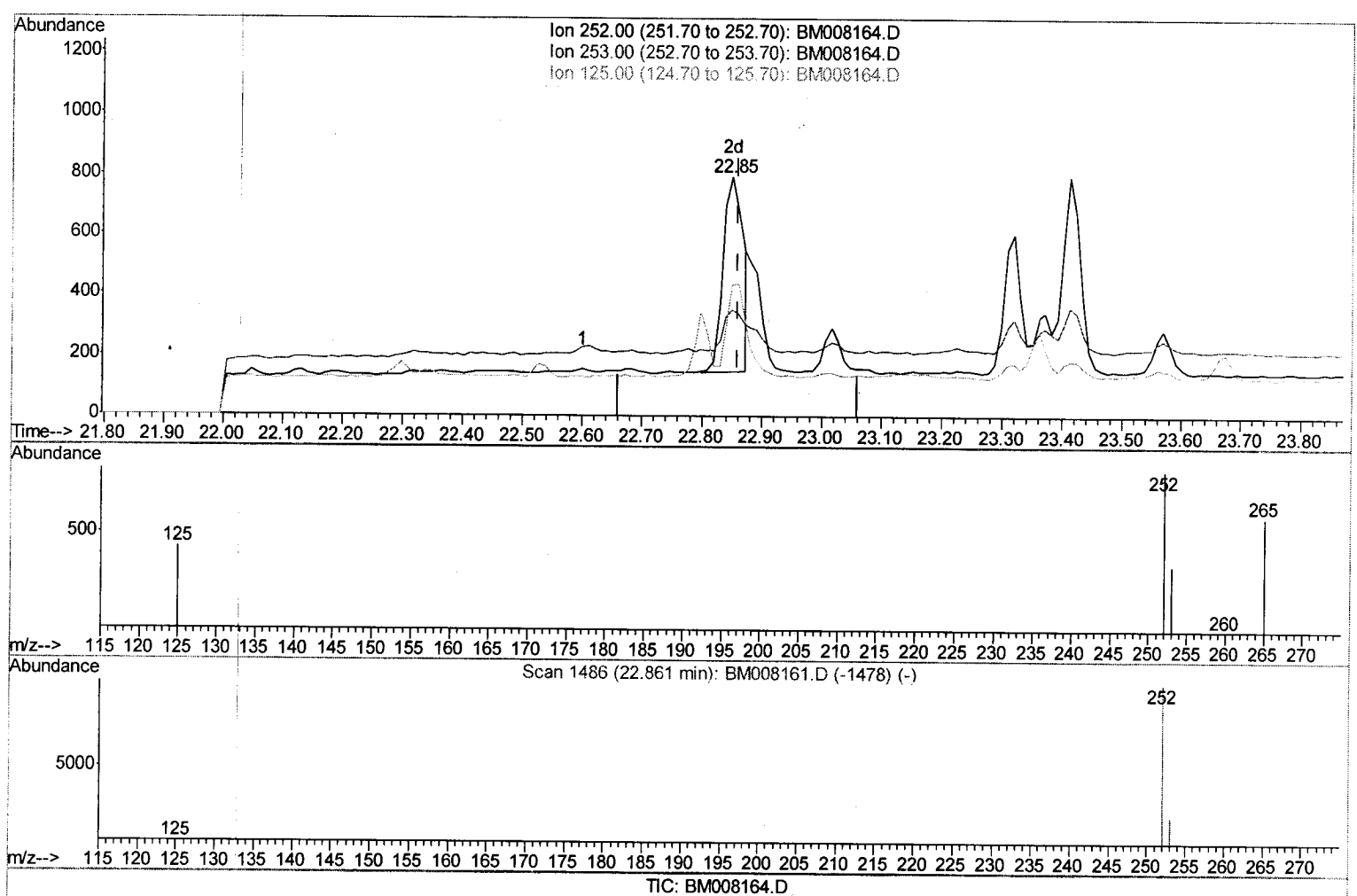
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Manual Integrations
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(21) Benzo(b)fluoranthene

22.850min (-0.010) 0.22ng/ul m

response 1499

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	44.26
125.00	17.50	54.48#
0.00	0.00	0.00

> 5.7
 12/02/16

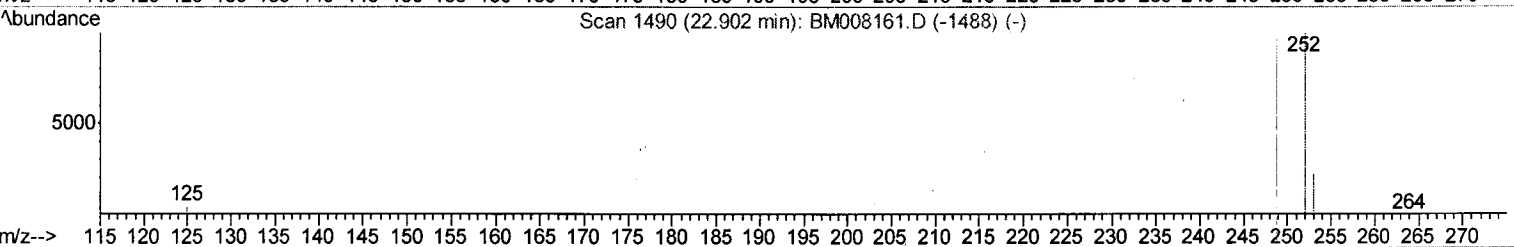
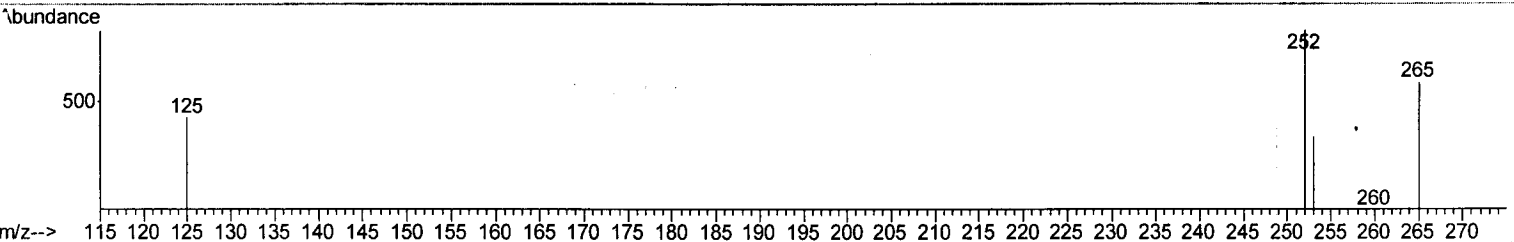
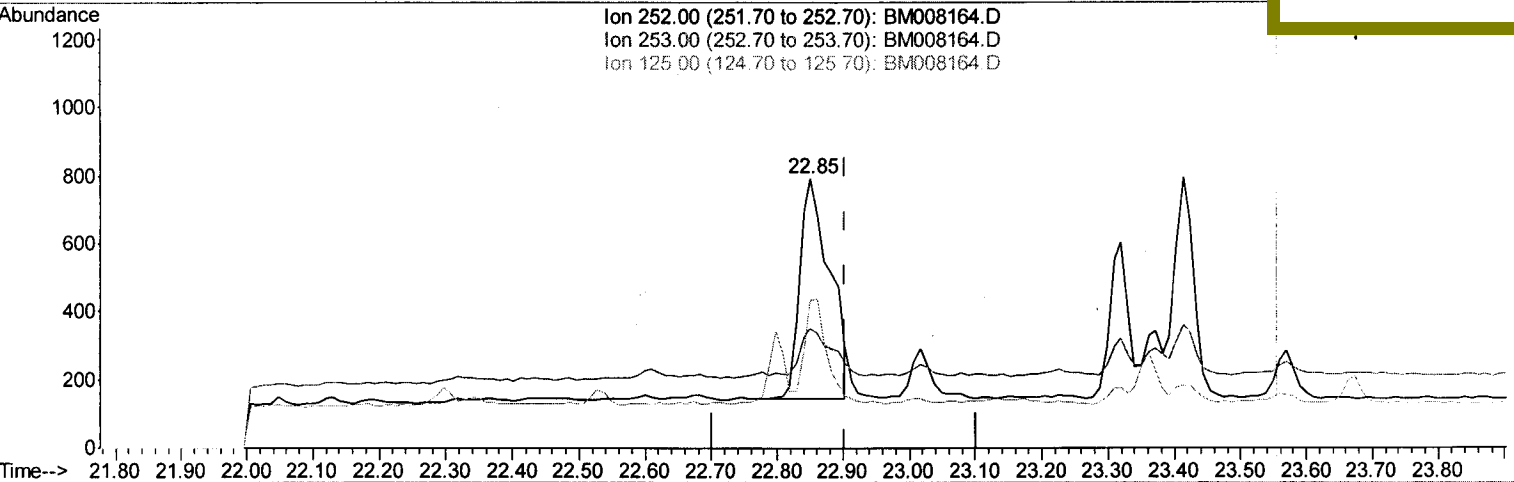
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Sample : H5730-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4W11

Manual Integrations
APPROVED

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TIC: BM008164.D

(22) Benzo(k)fluoranthene

22.850min (-0.052) 0.30ng/ul

response 2048

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	44.26#
125.00	17.10	54.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

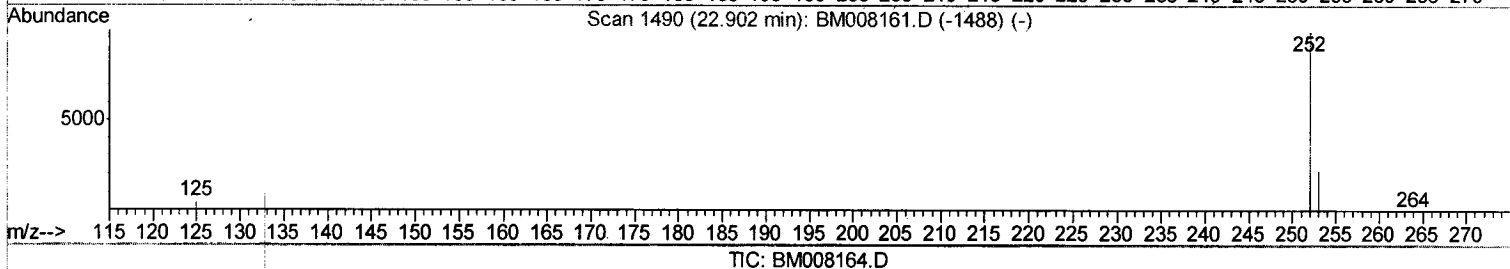
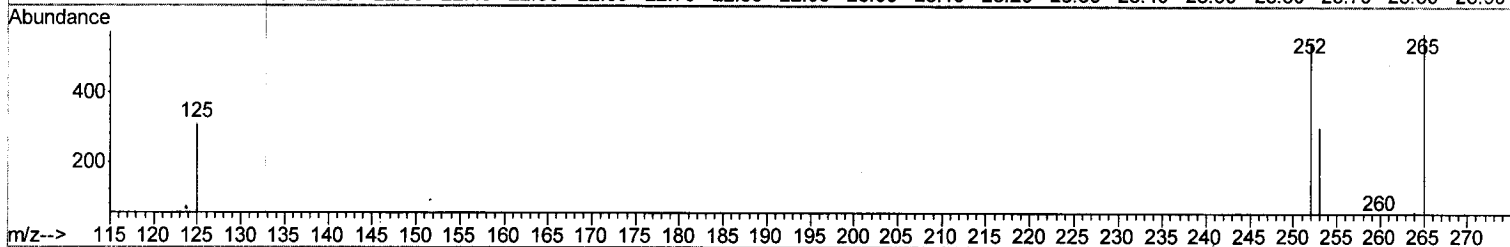
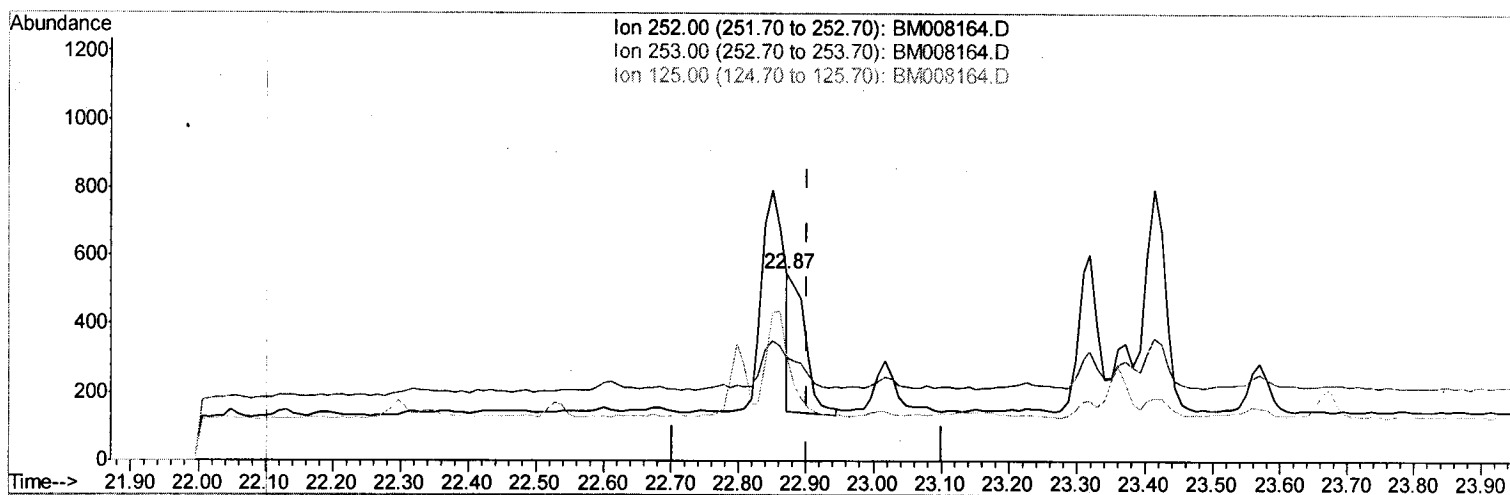
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 ClientSampleId :
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(22) Benzo(k)fluoranthene

22.871min (-0.031) 0.09ng/ul m

response 614

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	55.11#
125.00	17.10	56.57#
0.00	0.00	0.00

5.9
 12/06/16

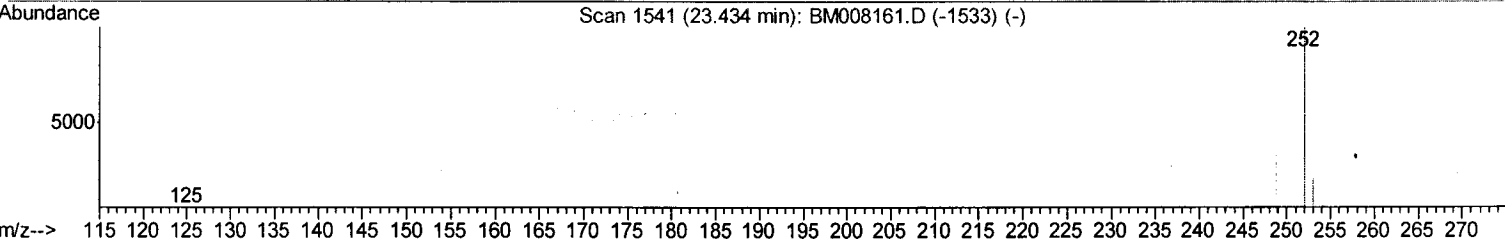
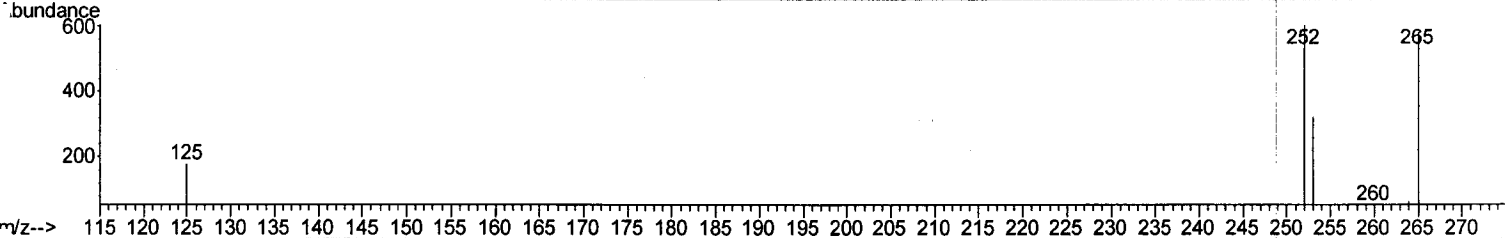
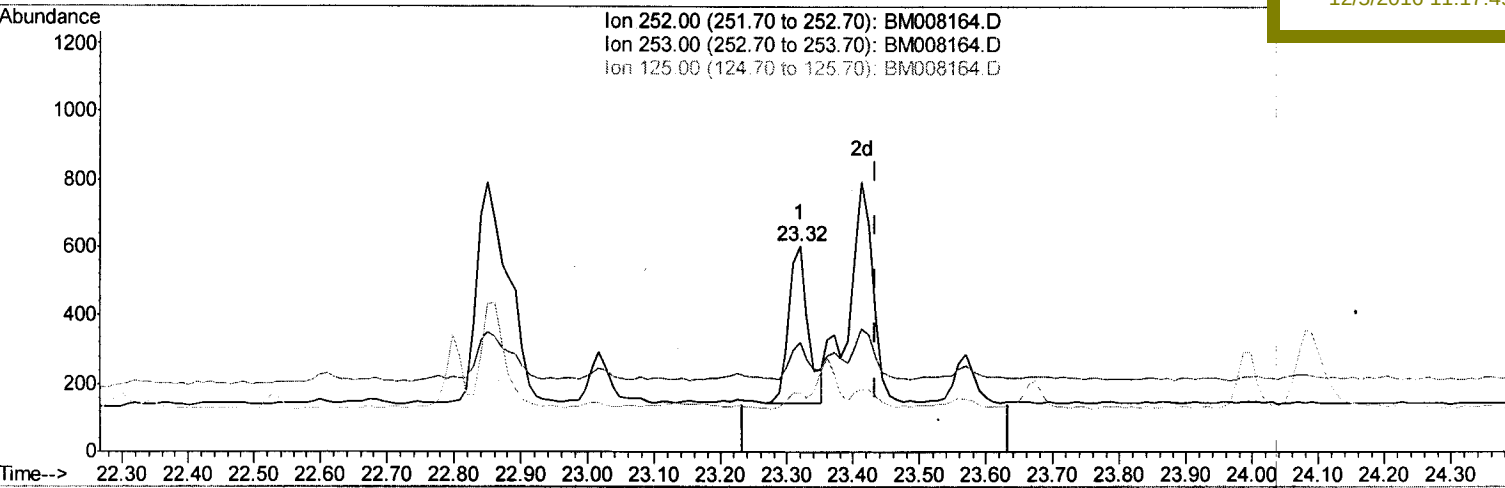
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TIC: BM008164.D

(23) Benzo(a)pyrene (C)

23.319min (-0.115) 0.15ng/ul

response 931

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	53.06#
125.00	22.60	29.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

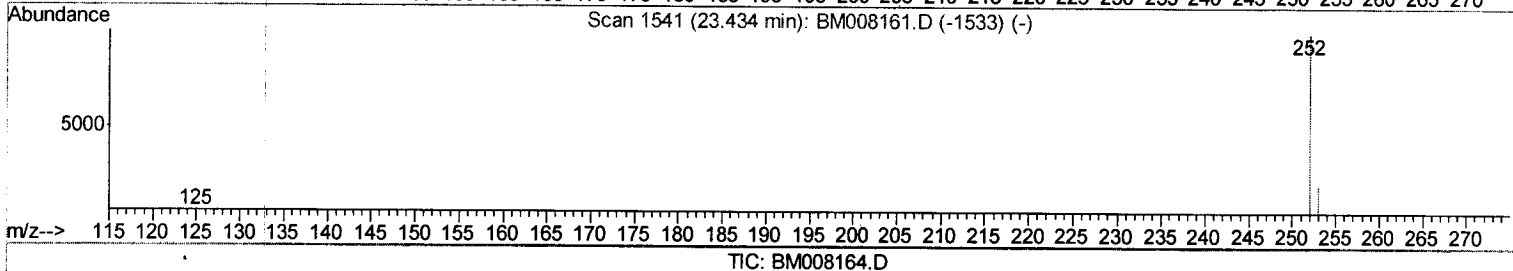
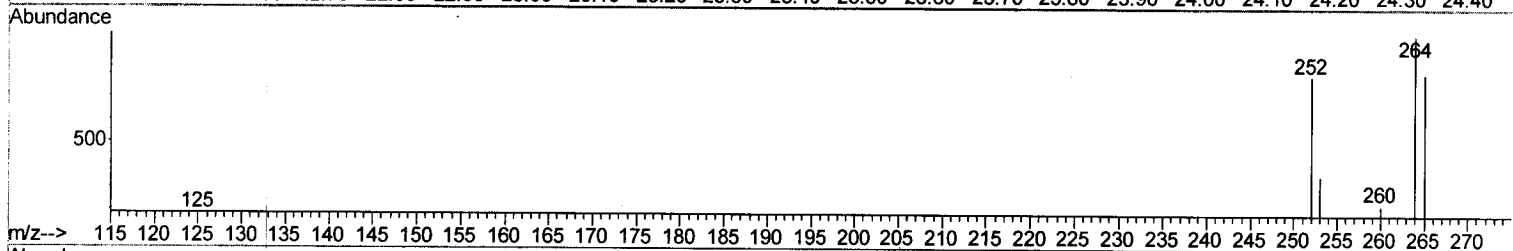
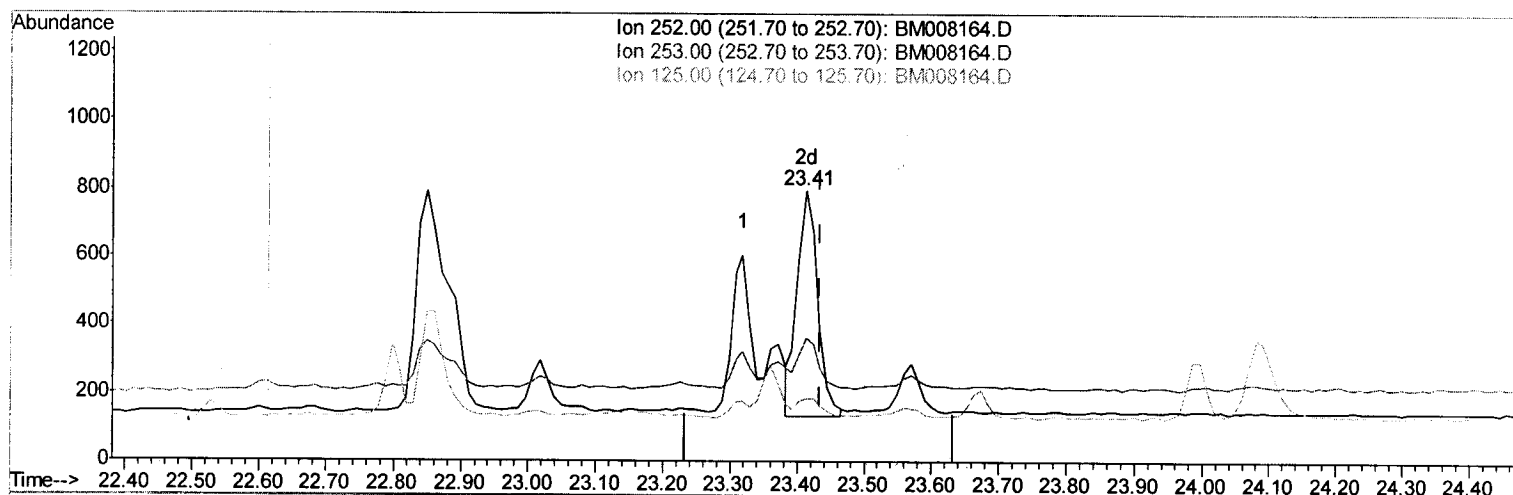
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(23) Benzo(a)pyrene (C)

23.413min (-0.021) 0.22ng/ul m

response 1401

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	45.41#
125.00	22.60	23.40
0.00	0.00	0.00

75.9
 12/06/16

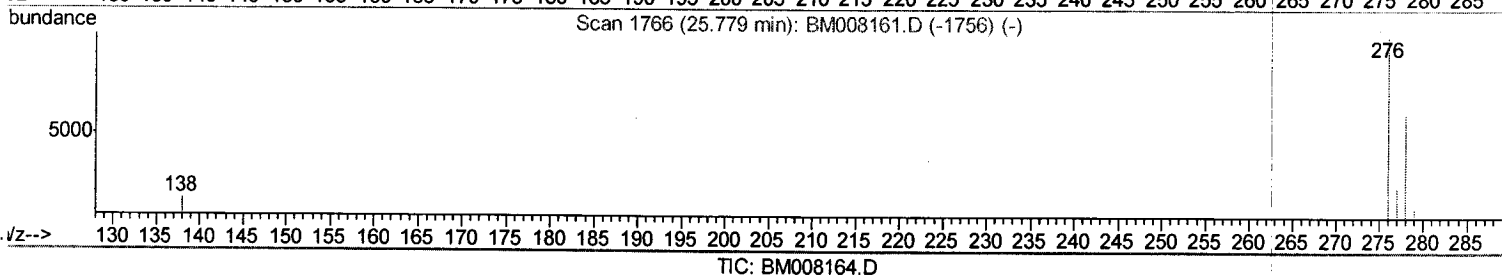
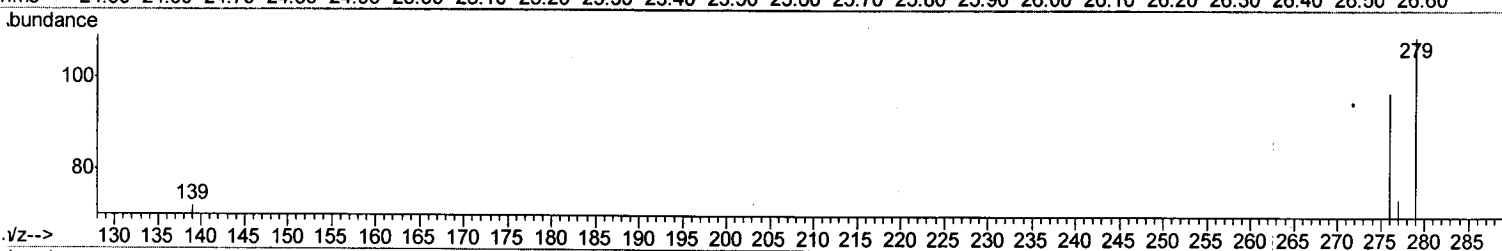
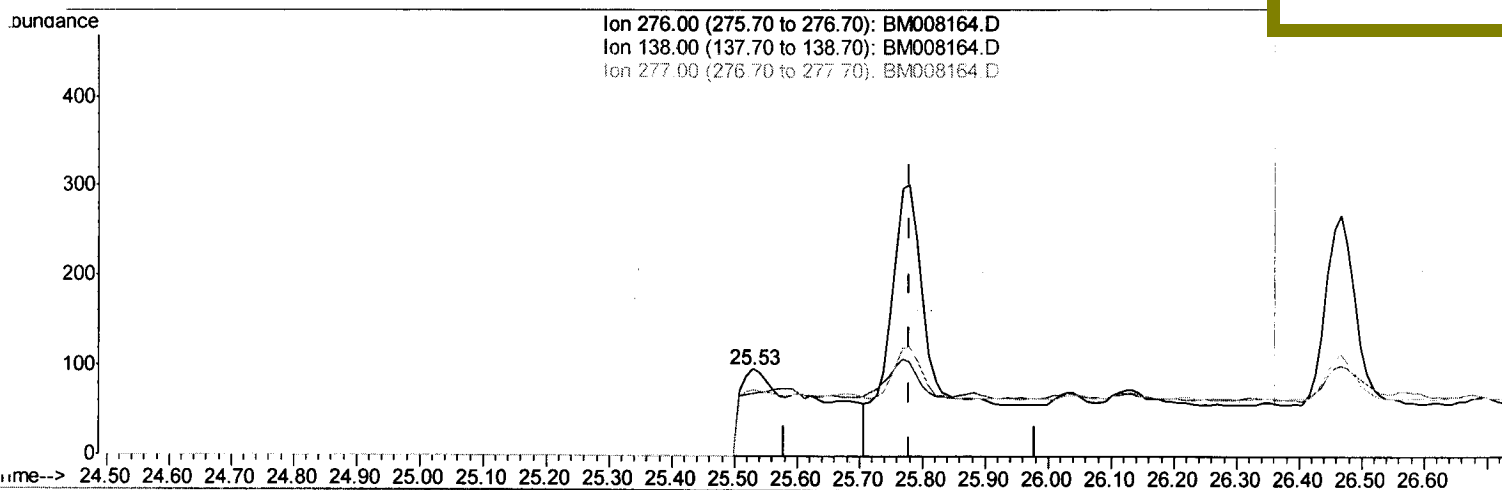
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(24) Indeno(1,2,3-cd)pyrene

25.529min (-0.250) 0.11ng/ul

response 880

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	107.61#
0.00	0.00	0.00

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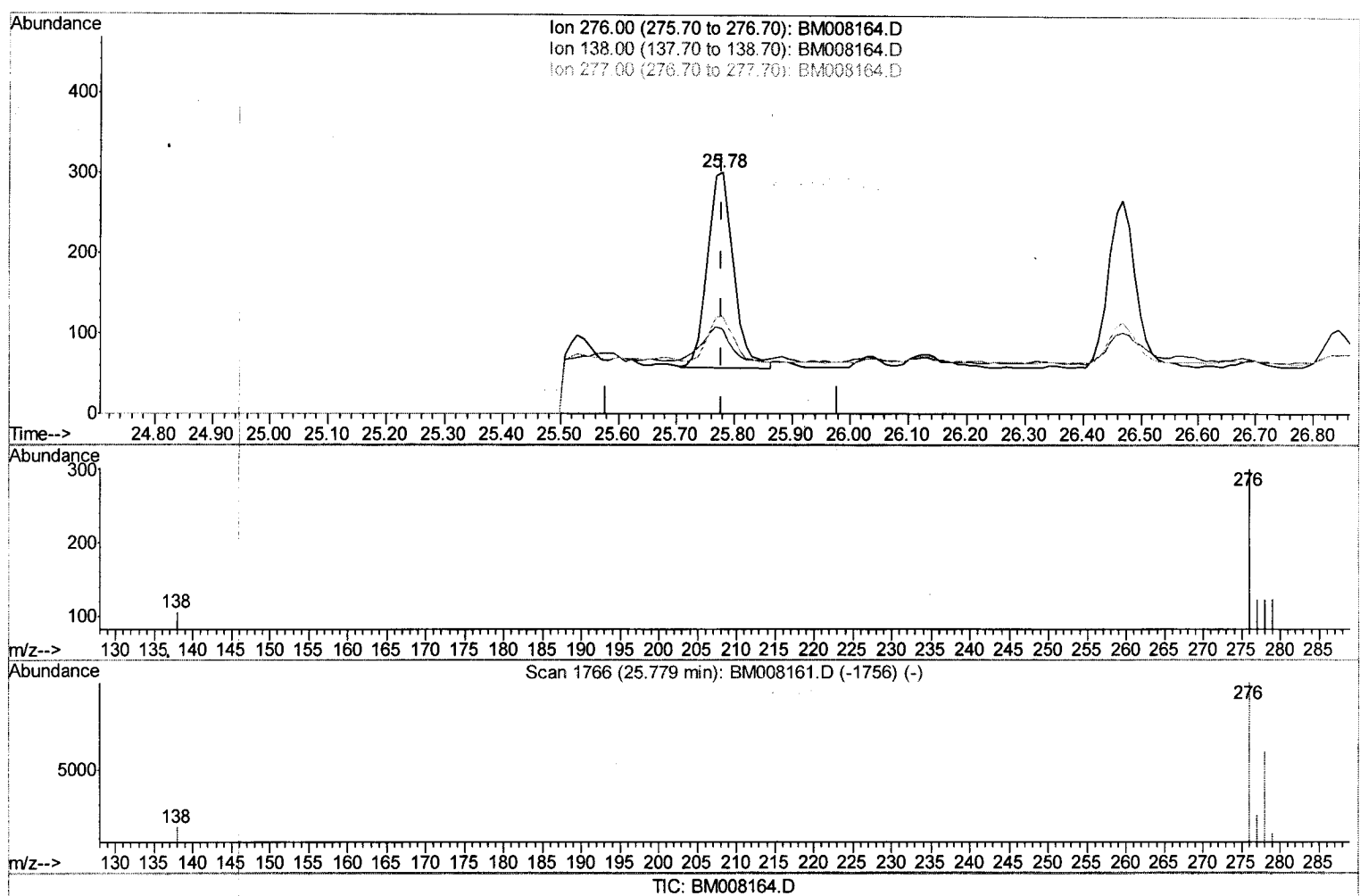
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(24) Indeno(1,2,3-cd)pyrene

25.779min (-0.000) 0.10ng/ul m

response 780

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	121.41#
0.00	0.00	0.00

> 5.9
 12/06/11

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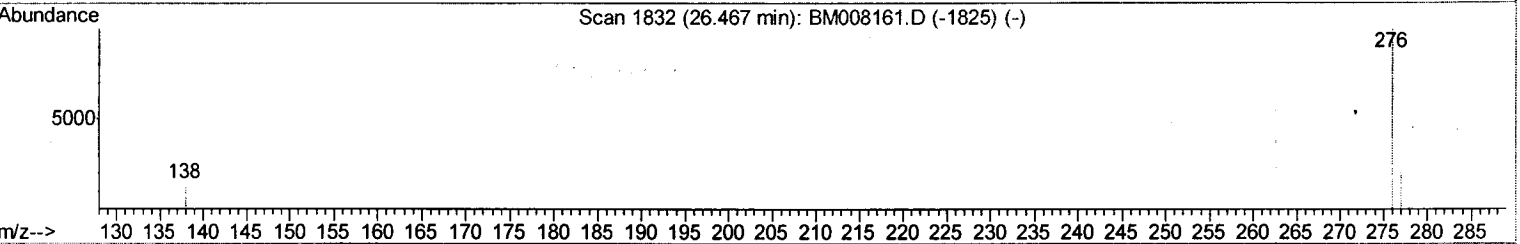
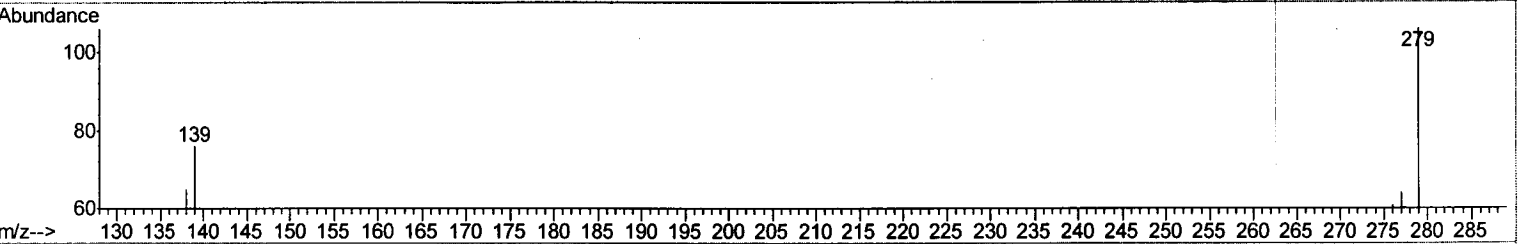
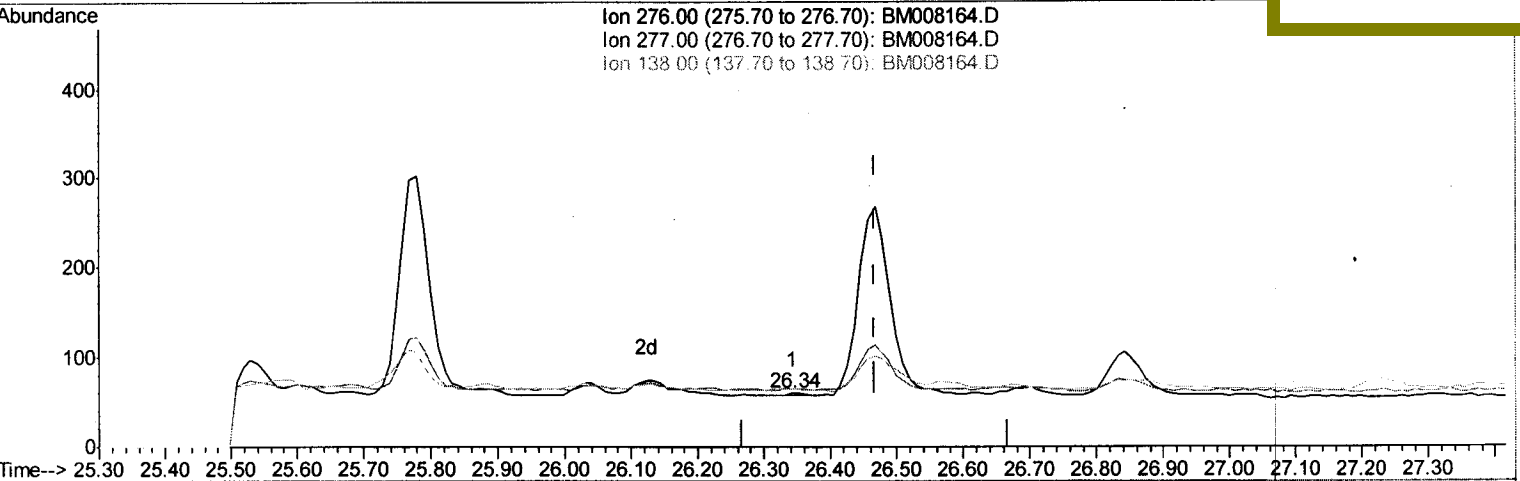
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 00:55:35 2016
Response via : Initial Calibration



TIC: BM008164.D

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

26.342min (-0.125) 0.00ng/ul

response 8

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	104.92#
138.00	25.60	106.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

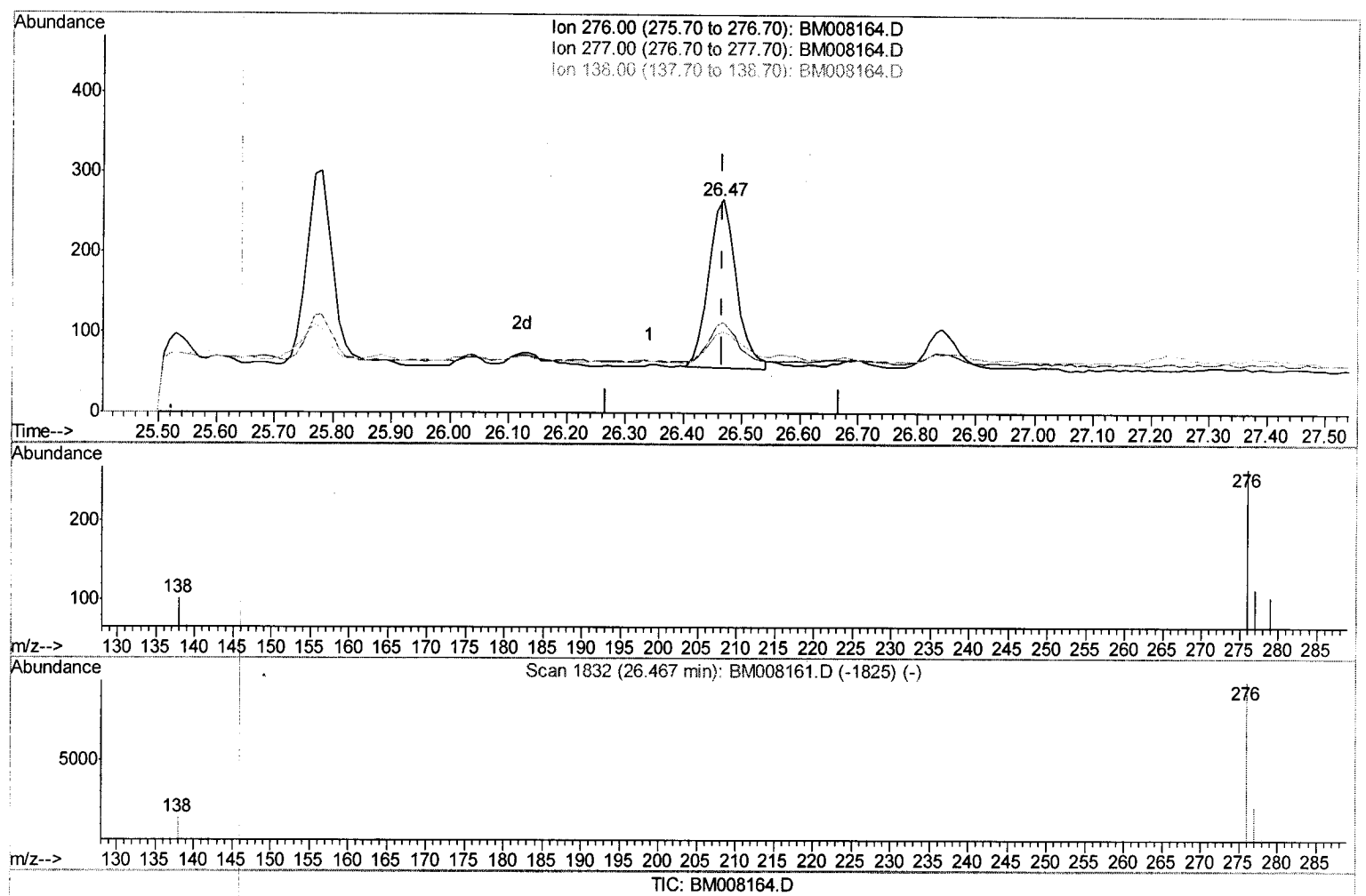
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008164.D
 Acq On : 02 Dec 2016 19:51
 Operator : UM/SJ
 Sample : H5730-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 A4WI1

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:17:49 AM

Quant Time: Dec 03 02:13:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 03 00:55:35 2016
 Response via : Initial Calibration



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

26.467min (-0.000) 0.10ng/ul m

response 702

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	42.70#
138.00	25.60	38.20#
0.00	0.00	0.00

9.1
 12/06/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008164.D
 Acq On : 02 Dec 2016 19:51
 Operator : UM/SJ
 Sample : H5730-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WI1

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:17:49 AM

Quant Time: Dec 03 02:15:34 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 03 00:55:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	597	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.48	136	1983	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1113	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1977m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	1854	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	1671m	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	581	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1105	0.20	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.04	152	367	0.07	ng/ul#	63
12) Phenanthrene	17.12	178	681m	0.11	ng/ul	
15) Fluoranthene	19.15	202	1786	0.22	ng/ul	97
17) Pyrene	19.51	202	2571	0.40	ng/ul	97
18) Benzo(a)anthracene	21.27	228	1375	0.24	ng/ul#	89
19) Chrysene	21.32	228	1727	0.24	ng/ul#	91
21) Benzo(b)fluoranthene	22.85	252	1499m	0.22	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	614m	0.09	ng/ul	
23) Benzo(a)pyrene	23.41	252	1401m	0.22	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	780m	0.10	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	702m	0.10	ng/ul	

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