

Quantitation Report (QT Reviewed)

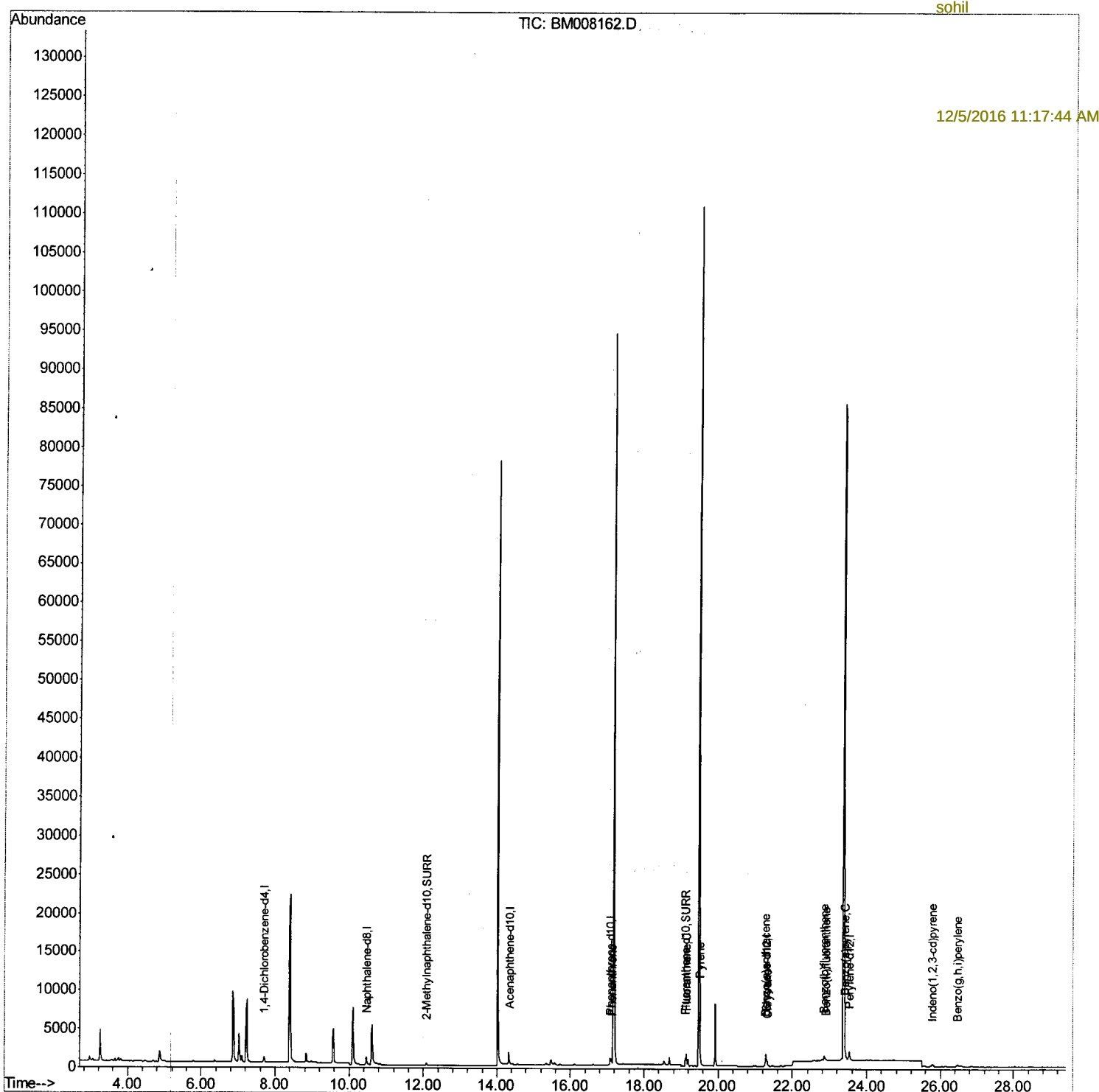
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008162.D
 Acq On : 02 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 A4WI3

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:17:44 AM

Quant Time: Dec 03 01:13:37 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



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Quantitation Report (Qedit)

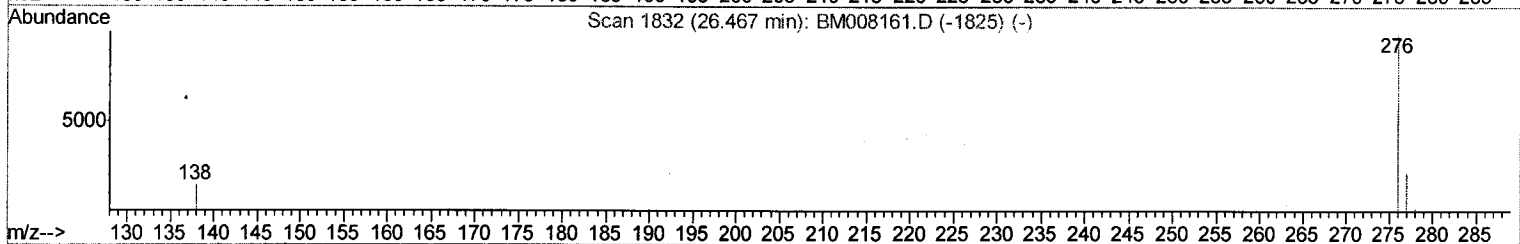
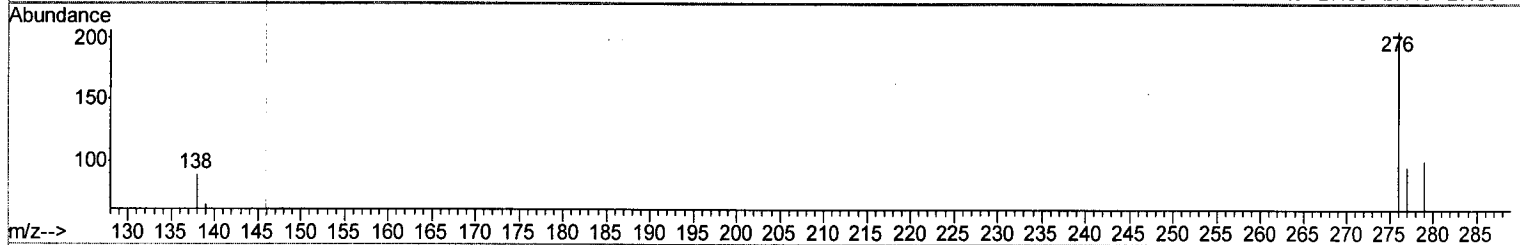
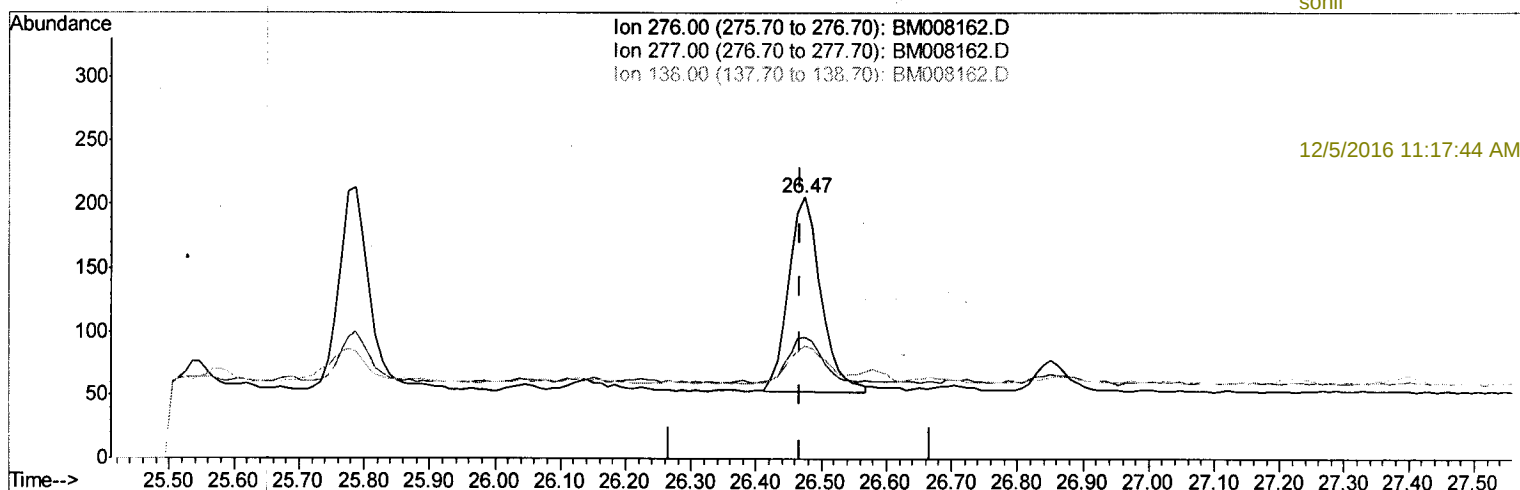
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
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 A4WI3

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TIC: BM008162.D

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

26.474min (+0.007) 0.10ng/ul m

response 536

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	46.60#
138.00	25.60	43.20#
0.00	0.00	0.00

75.9
 12/06/16

Quantitation Report (Qedit)

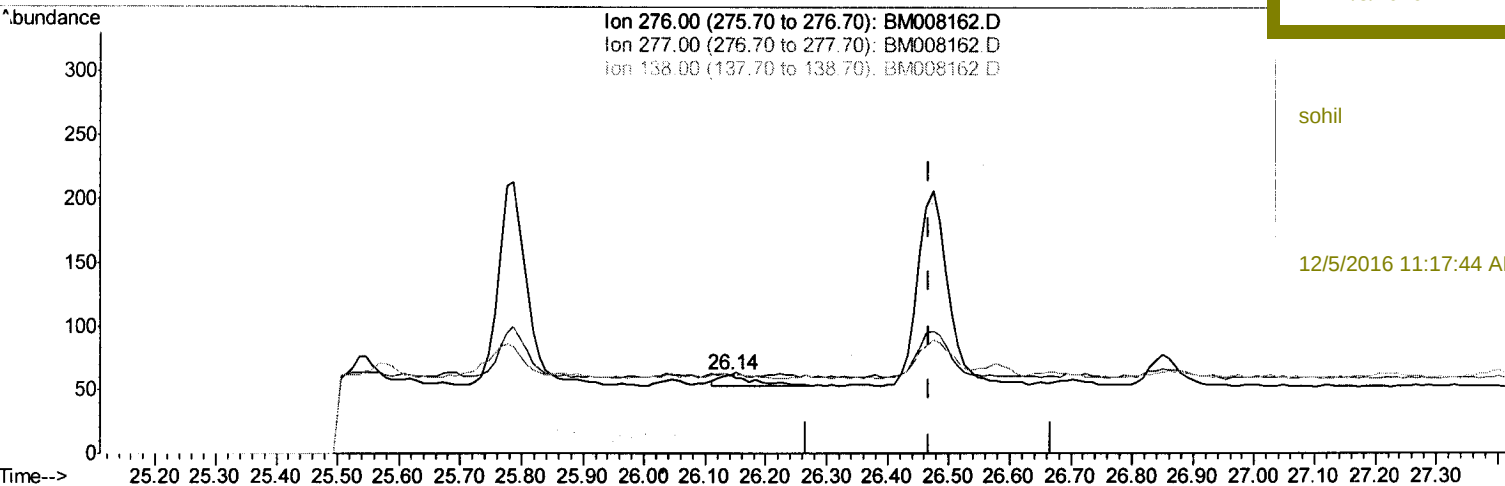
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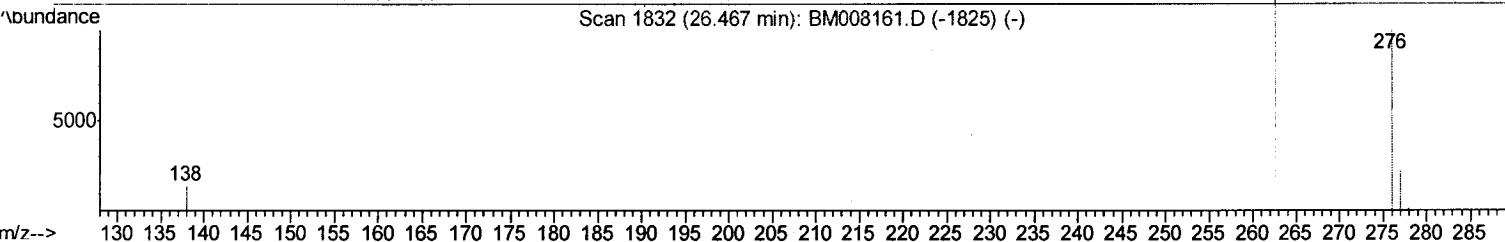
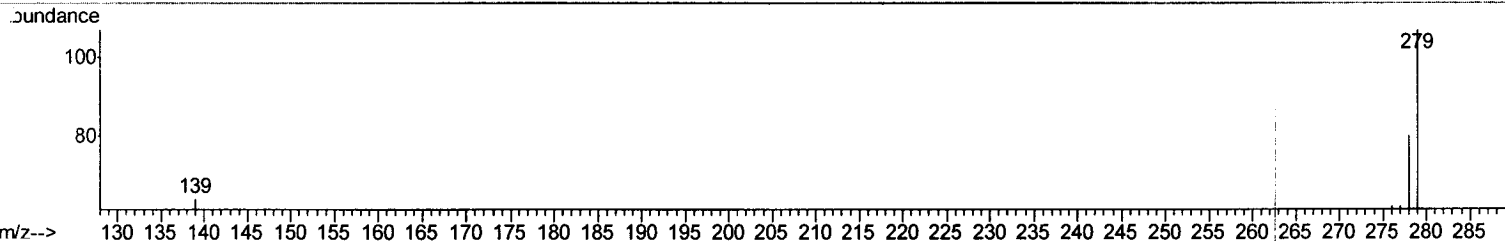
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TIC: BM008162.D

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

26.141min (-0.327) 0.01ng/ul

response 36

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	100.00#
138.00	25.60	98.39#
0.00	0.00	0.00

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 Operator : UM/SJ
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 ALS Vial : 14 Sample Multiplier: 1

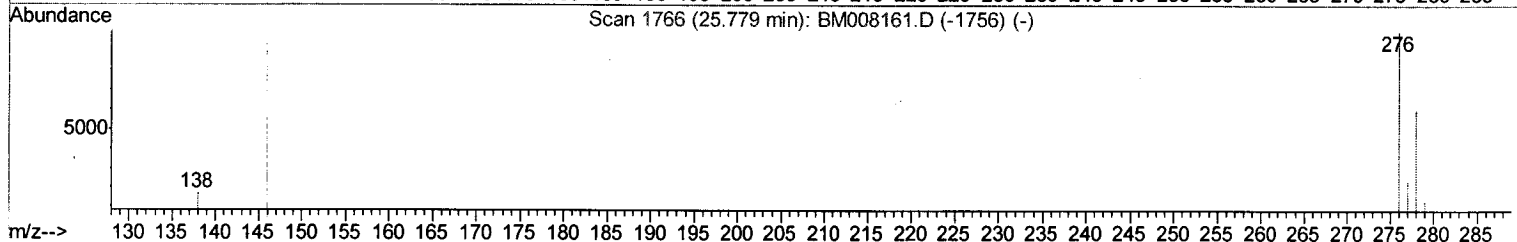
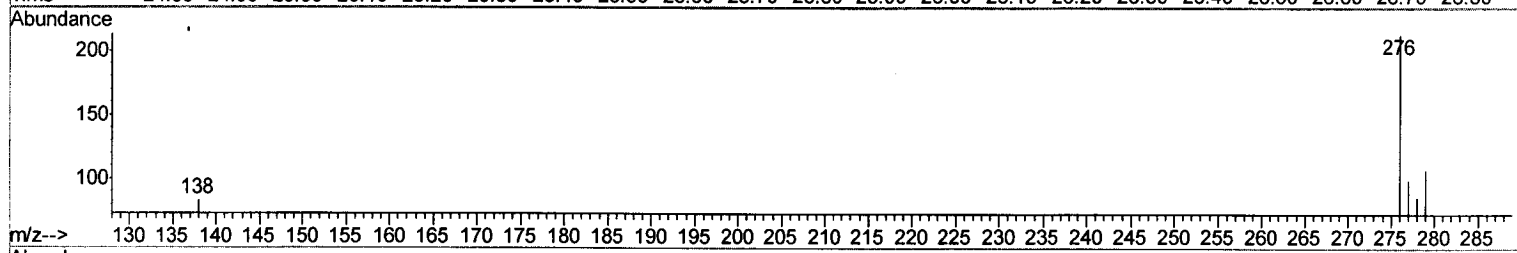
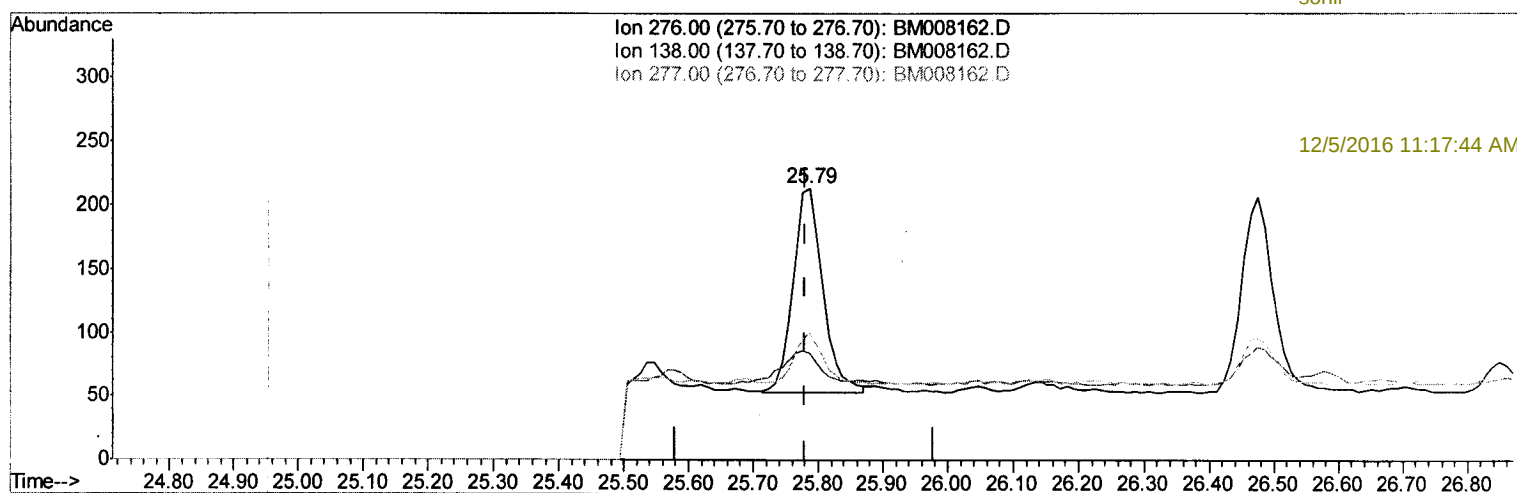
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(24) Indeno(1,2,3-cd)pyrene

25.786min (+0.007) 0.09ng/ul m

response 515

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	174.17#
0.00	0.00	0.00

25.7
 12/06/16

Quantitation Report (Qedit)

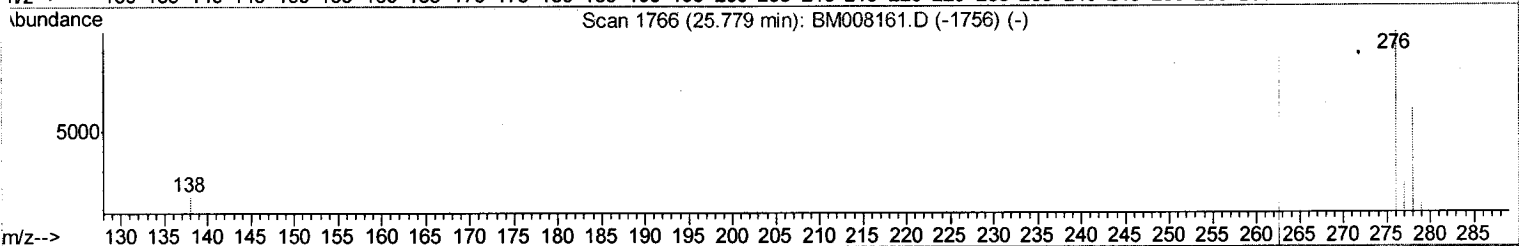
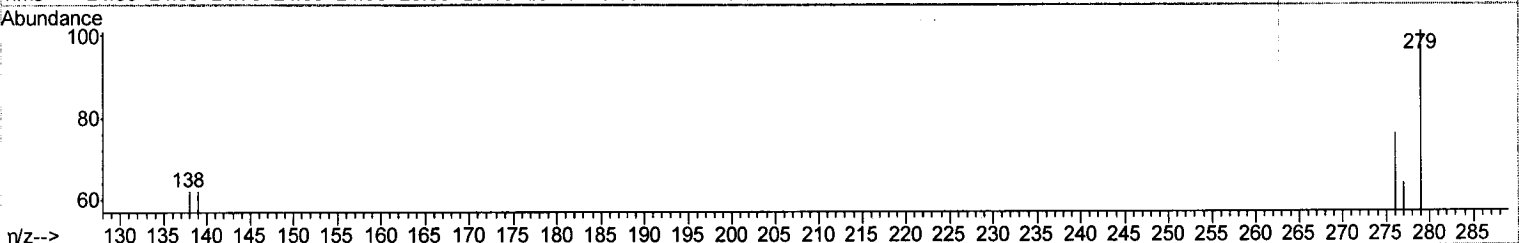
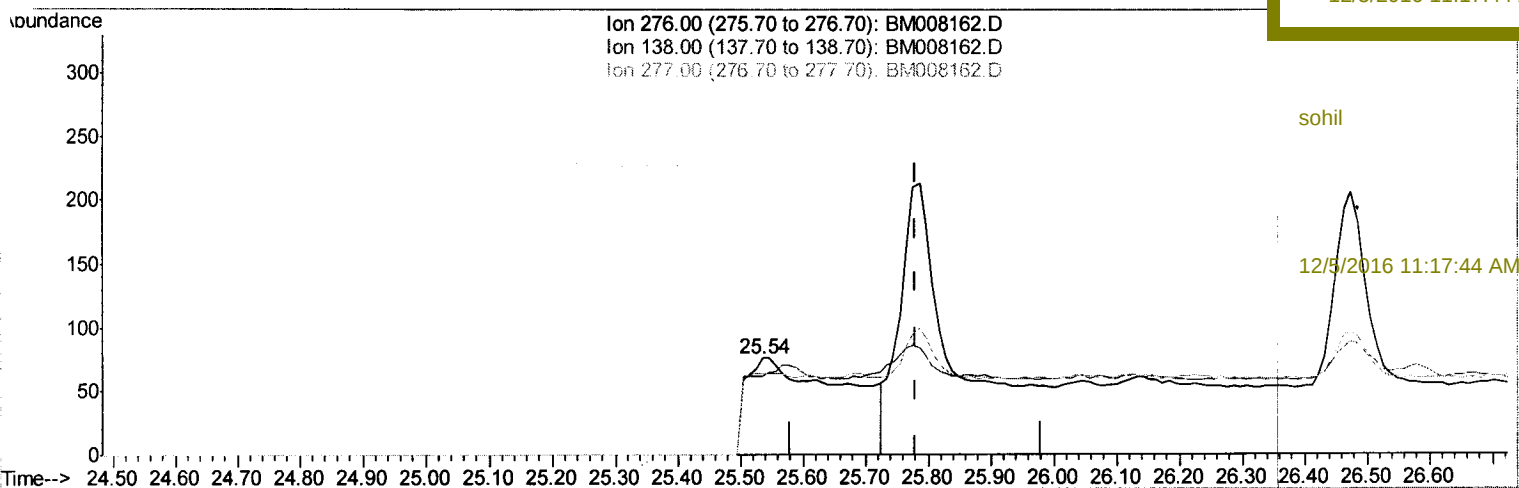
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TIC: BM008162.D

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

25.536min (-0.243) 0.14ng/ul

response 826

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	108.60#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 A4W13

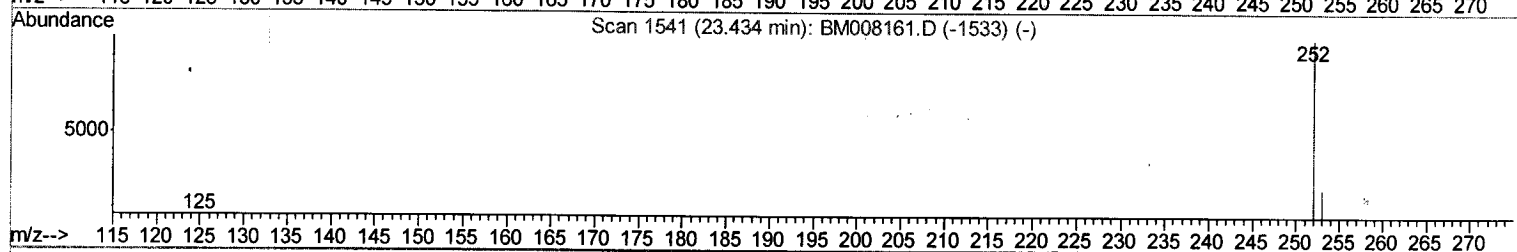
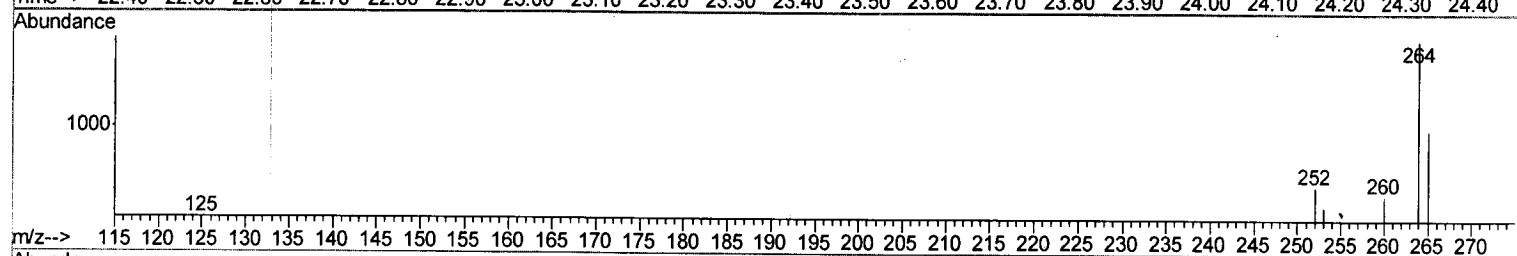
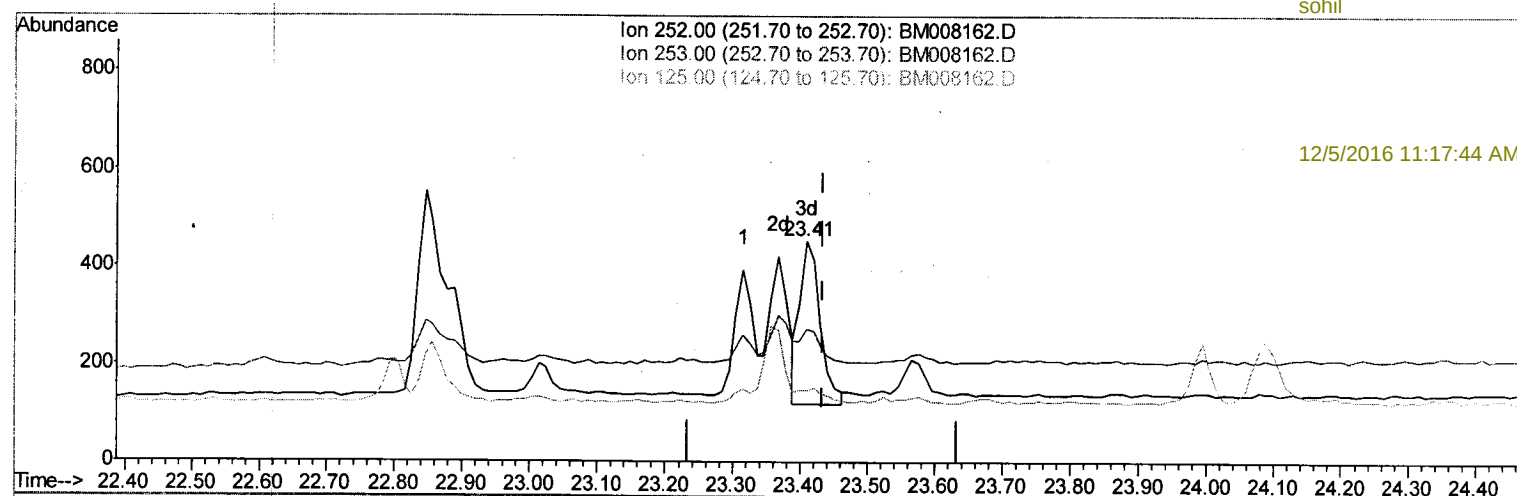
Manual Integrations
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TIC: BM008162.D

(23) Benzo(a)pyrene (C)

23.410min (-0.024) 0.15ng/ul m

response 698

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	59.69#
125.00	22.60	32.38#
0.00	0.00	0.00

25.3
 12/06/16

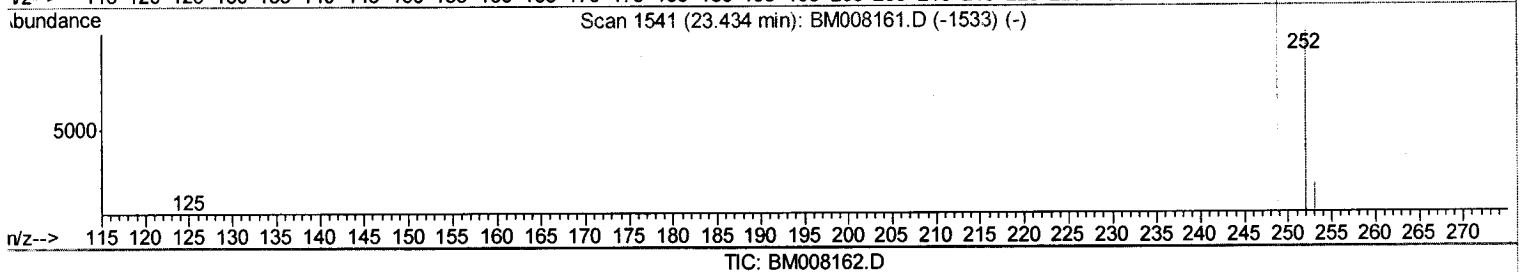
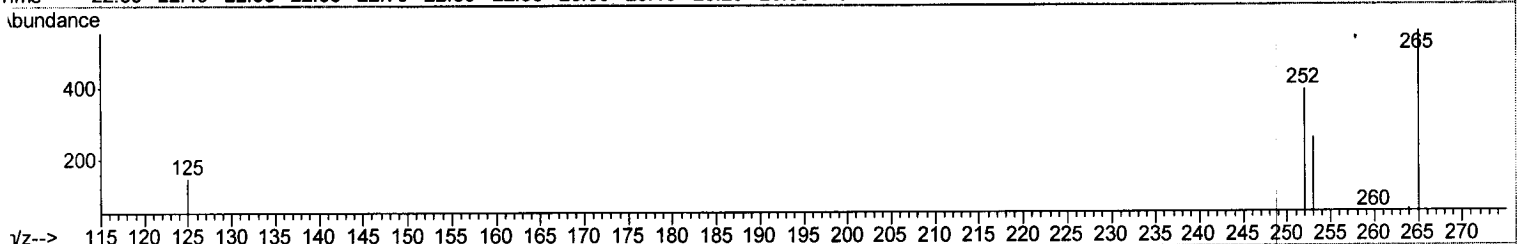
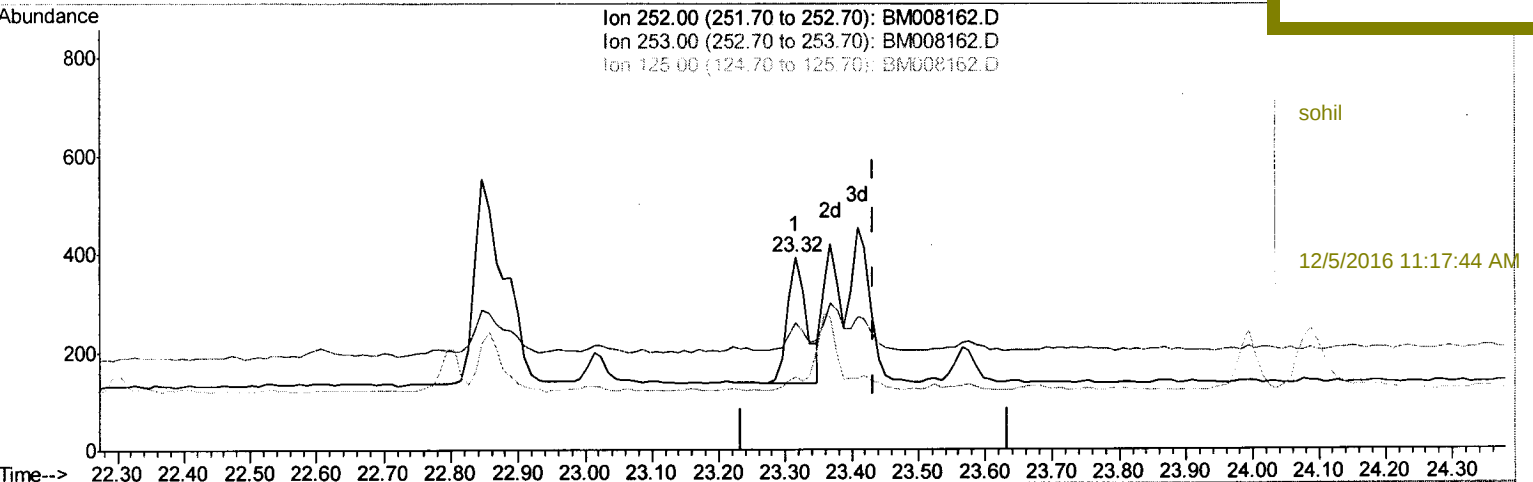
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BNA_M
ClientSampleId :
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(23) Benzo(a)pyrene (C)

23.316min (-0.118) 0.11ng/ul

response 519

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	66.16#
125.00	22.60	37.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

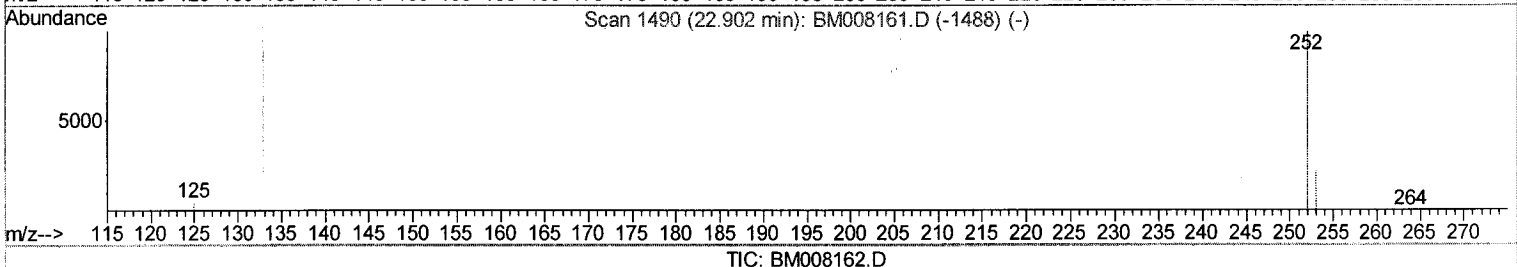
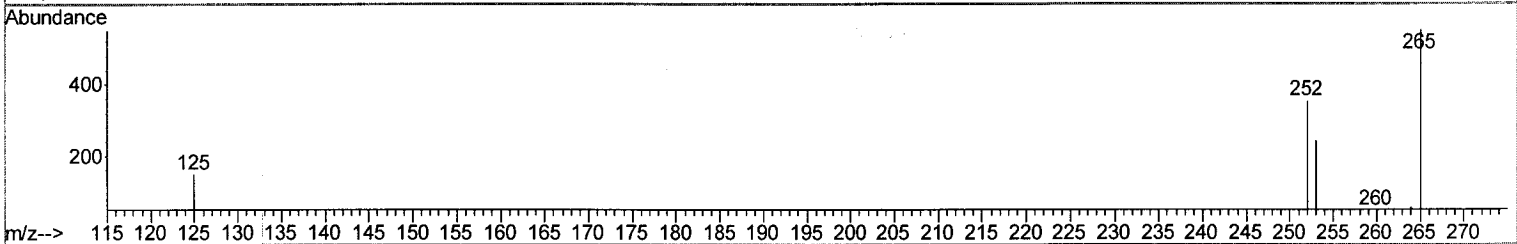
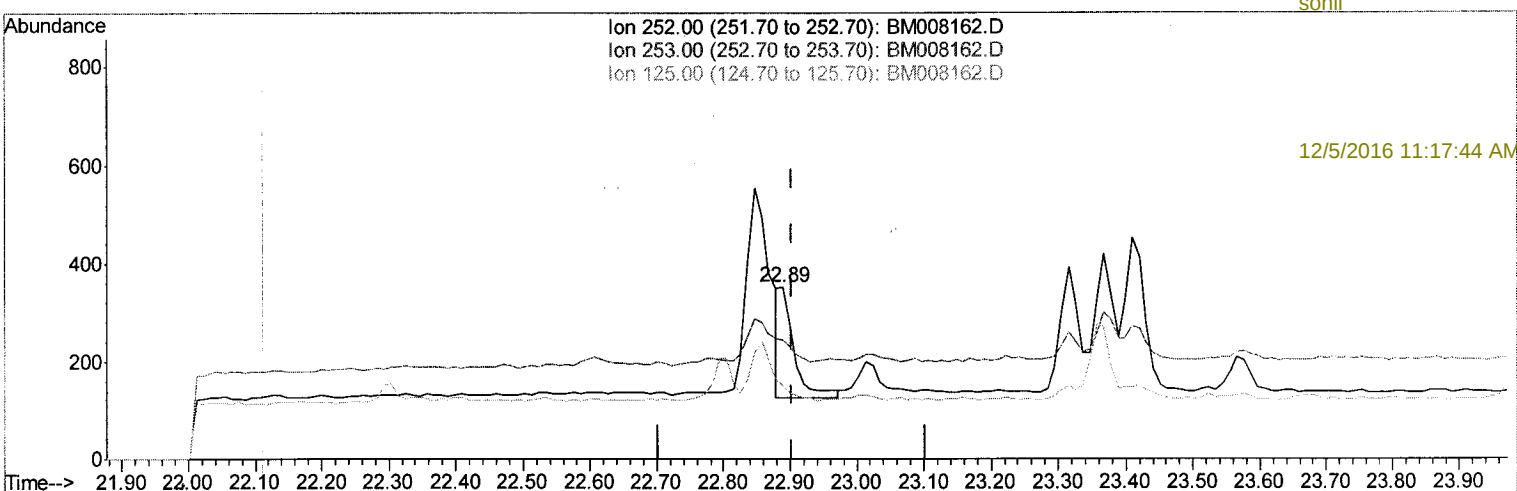
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 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WI3

Manual Integrations
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TIC: BM008162.D

(22) Benzo(k)fluoranthene

22.888min (-0.014) 0.07ng/ul m

response 354

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	69.21#
125.00	17.10	42.66#
0.00	0.00	0.00

5.7
 12/08/16

Quantitation Report (Qedit)

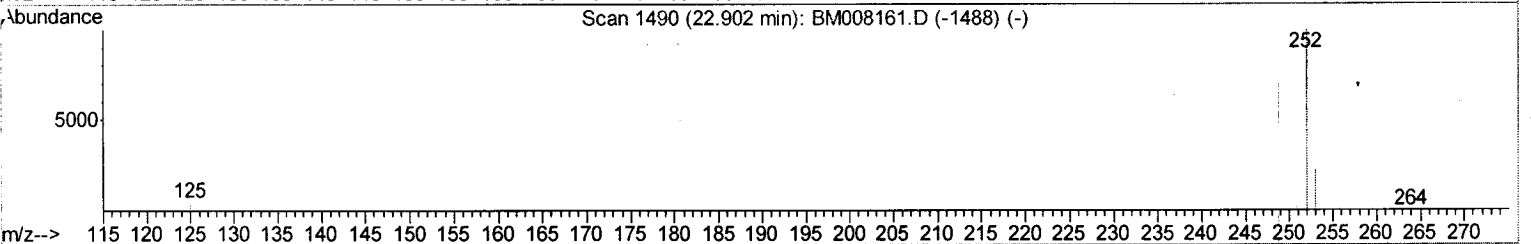
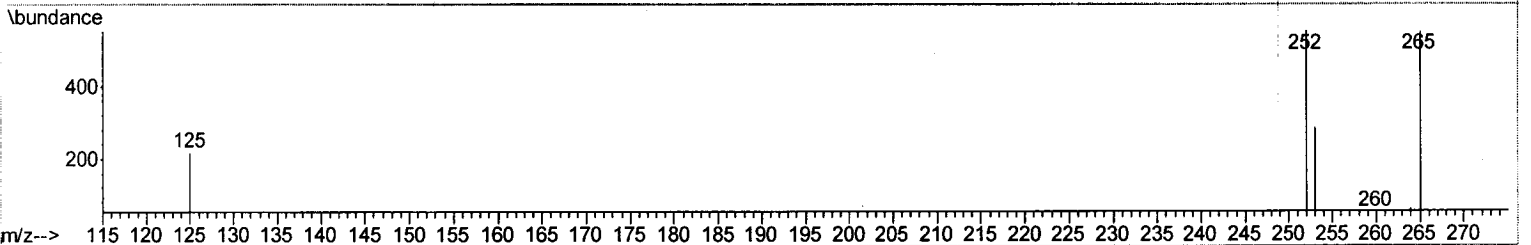
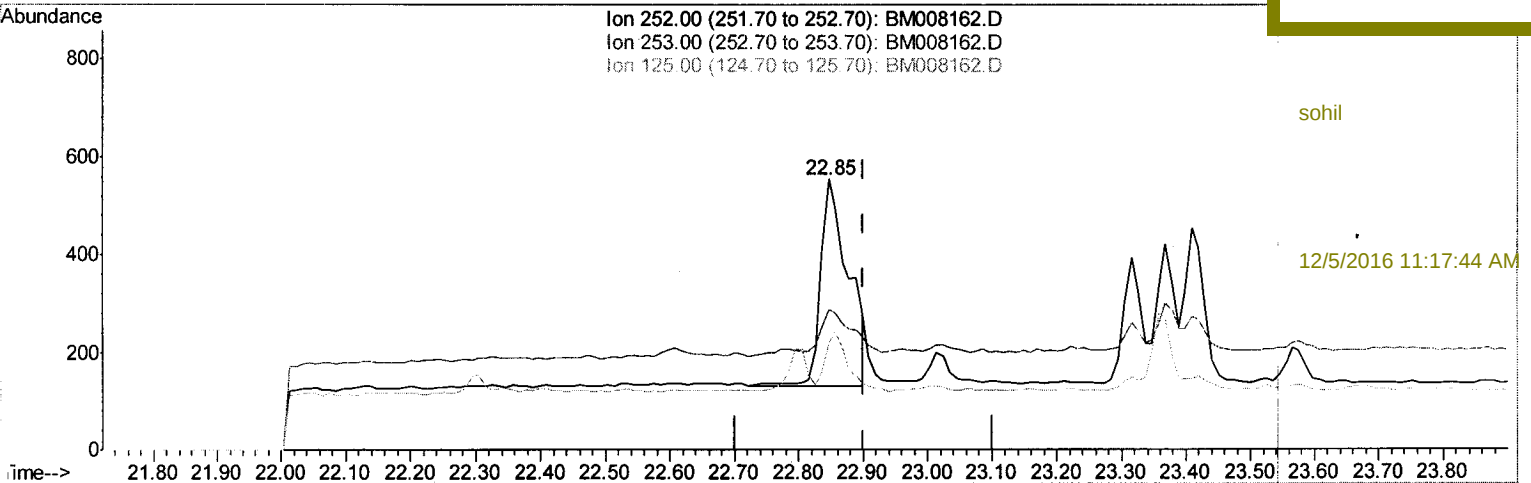
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 Data File : BM008162.D
 Acq On : 02 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WI3

Manual Integrations
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TIC: BM008162.D

(22) Benzo(k)fluoranthene
 22.847min (-0.056) 0.24ng/ul
 response 1283

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	51.81#
125.00	17.10	39.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

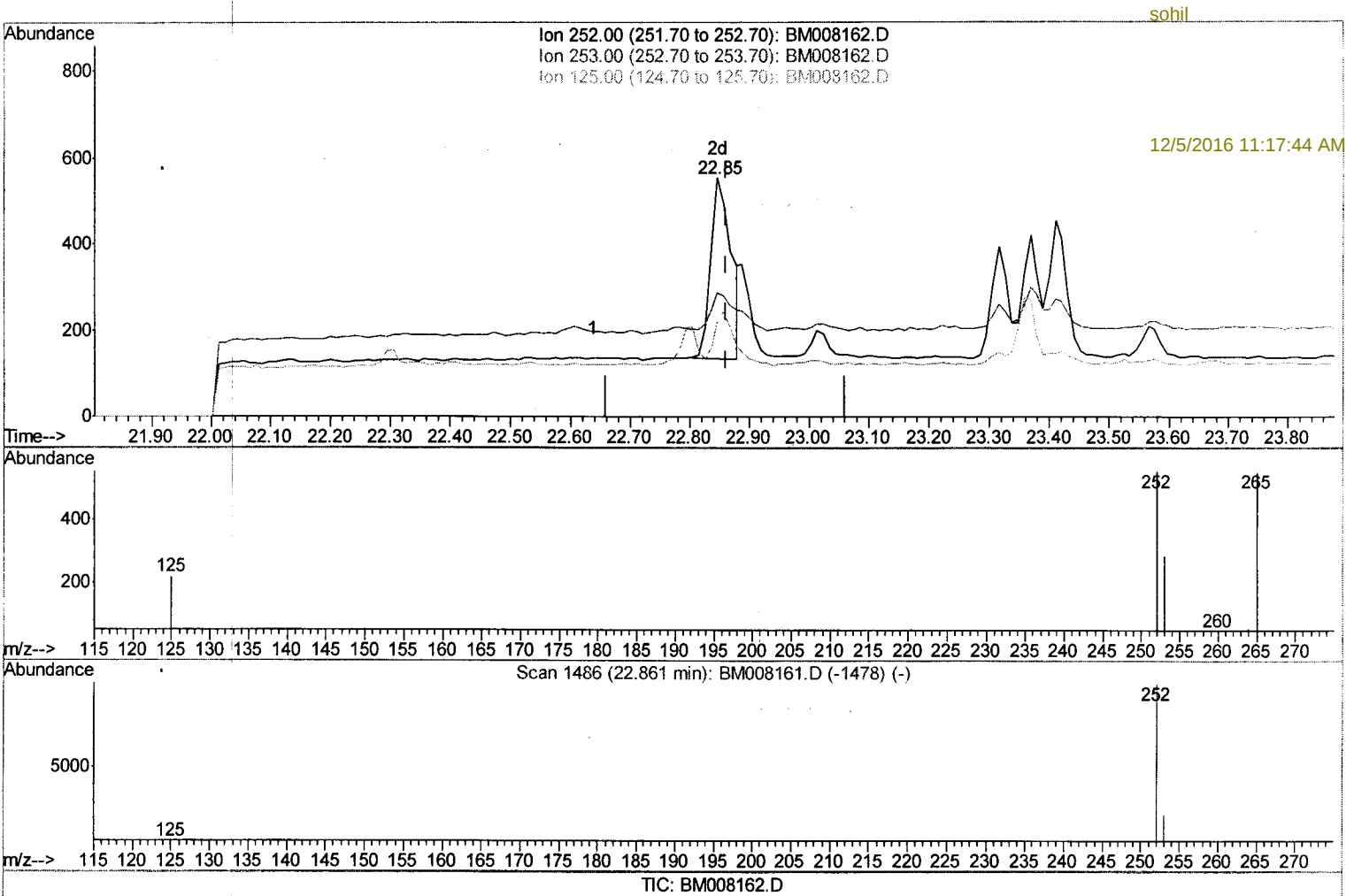
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 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WI3

Manual Integrations
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(21) Benzo(b)fluoranthene

22.847min (-0.014) 0.19ng/ul m> 5.5
 response 994
 12/08/16

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	51.81
125.00	17.50	39.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

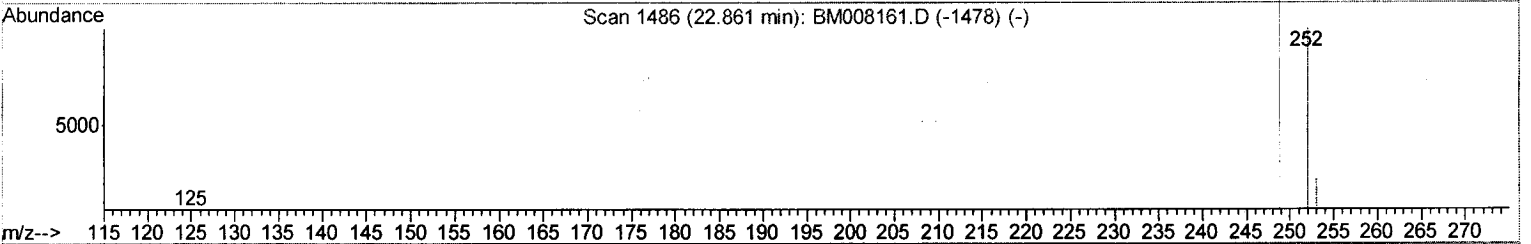
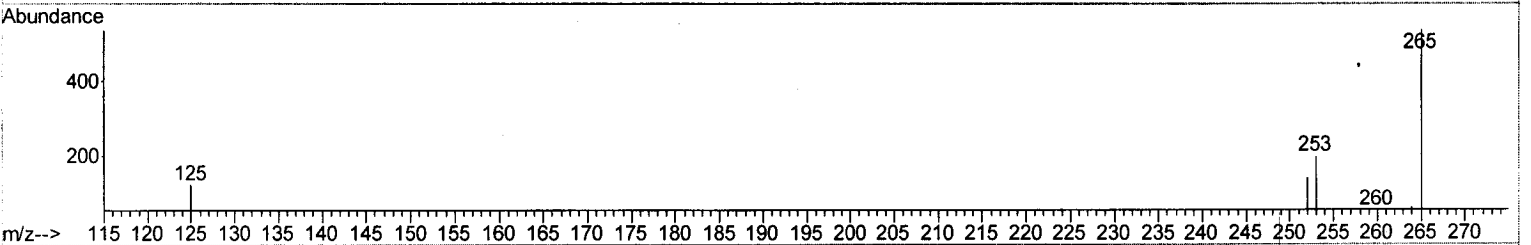
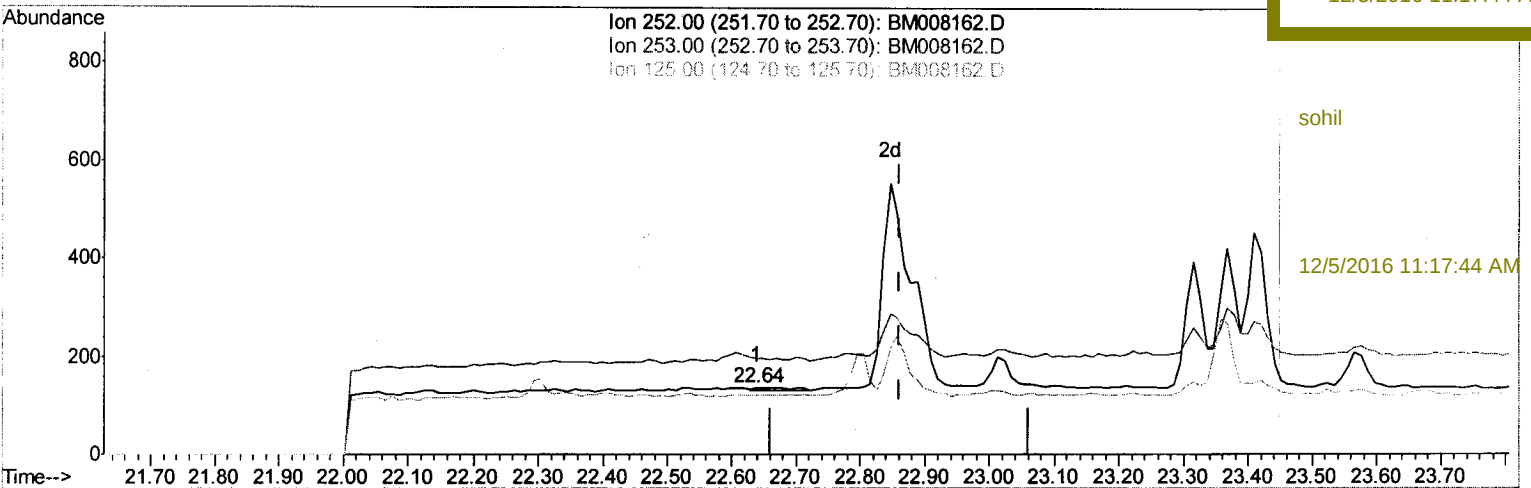
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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 A4WI3

Manual Integrations
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TIC: BM008162.D

(21) Benzo(b)fluoranthene
 22.638min (-0.222) 0.01ng/ul
 response 26

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	143.80#
125.00	17.50	88.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

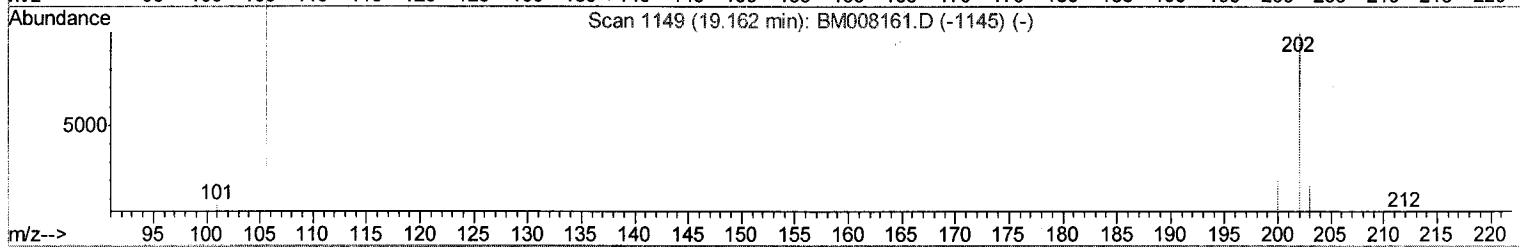
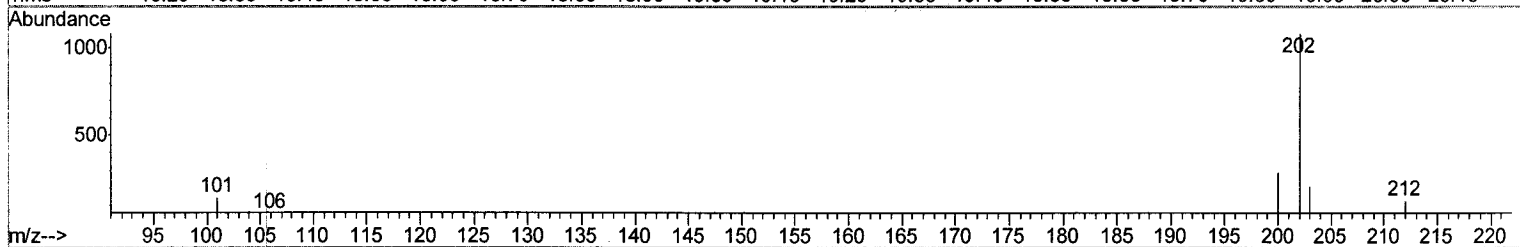
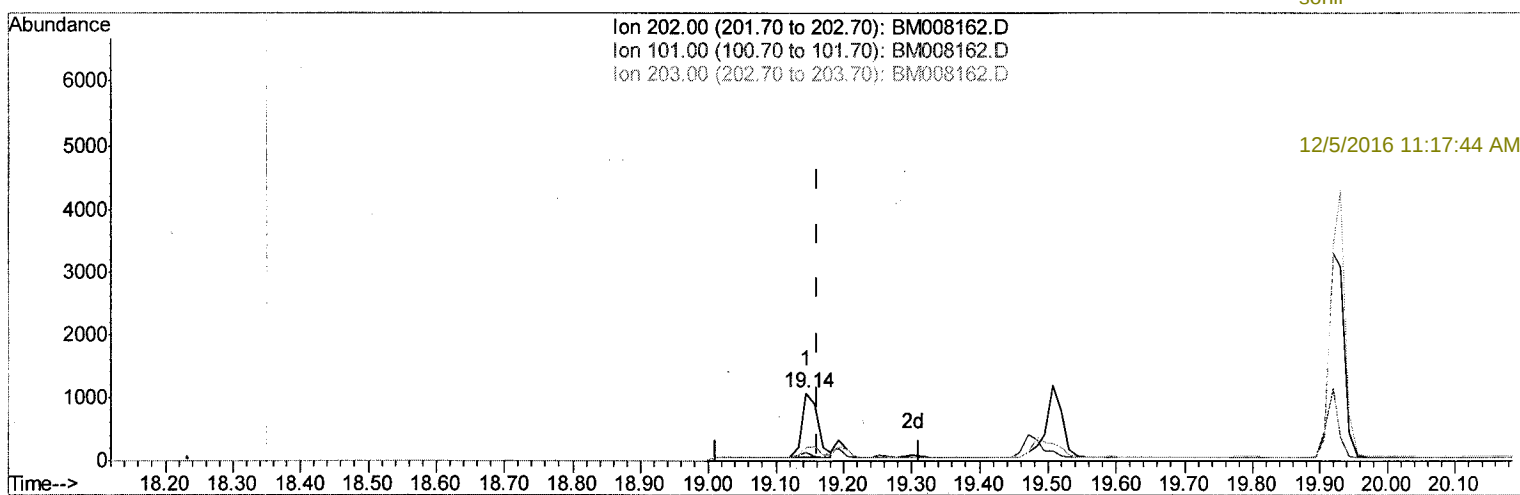
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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4W13

Manual Integrations
 APPROVED

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TIC: BM008162.D

(15) Fluoranthene (C)

19.145min (-0.017) 0.24ng/ul m

response 1671

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	13.18
203.00	19.50	19.82
0.00	0.00	0.00

S.J
 12/06/16

Quantitation Report (Qedit)

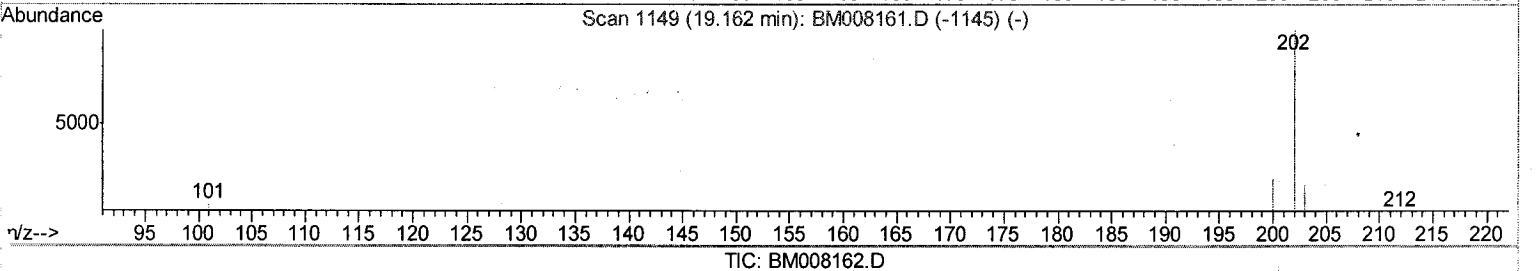
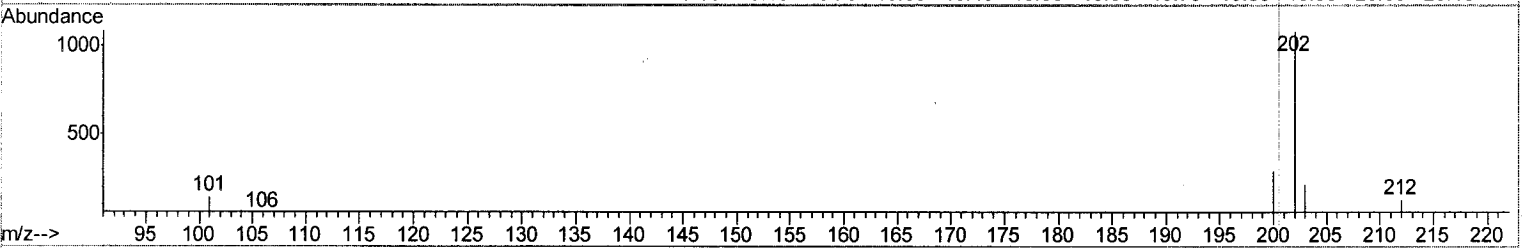
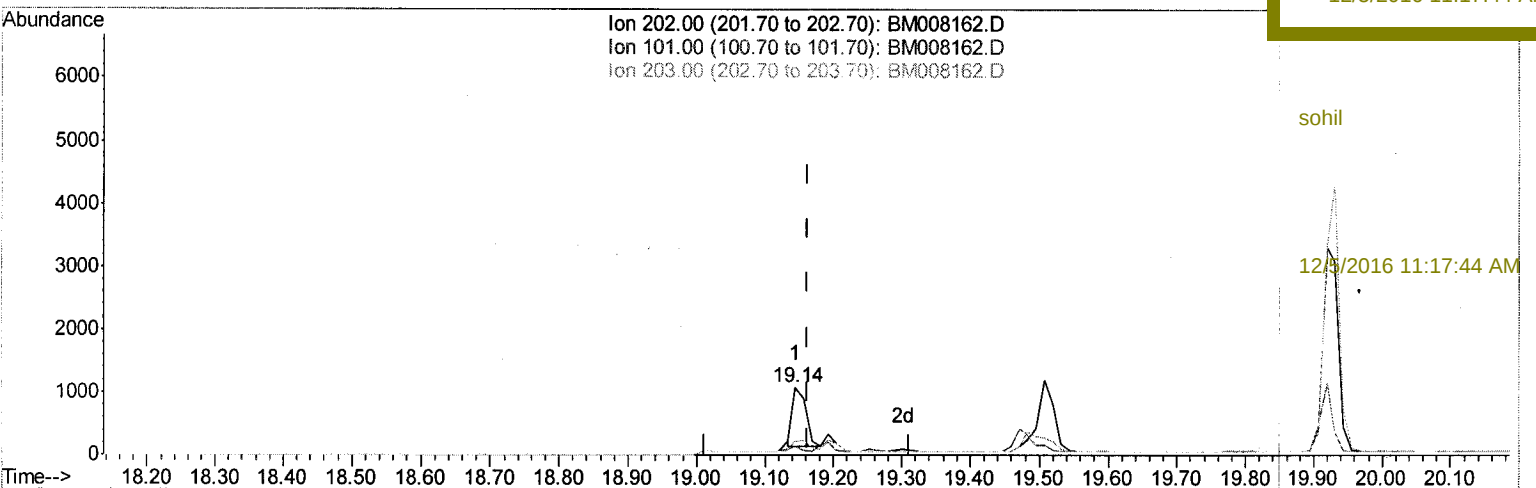
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(15) Fluoranthene (C)
 19.145min (-0.017) 0.19ng/ul
 response 1297

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	13.18
203.00	19.50	19.82
0.00	0.00	0.00

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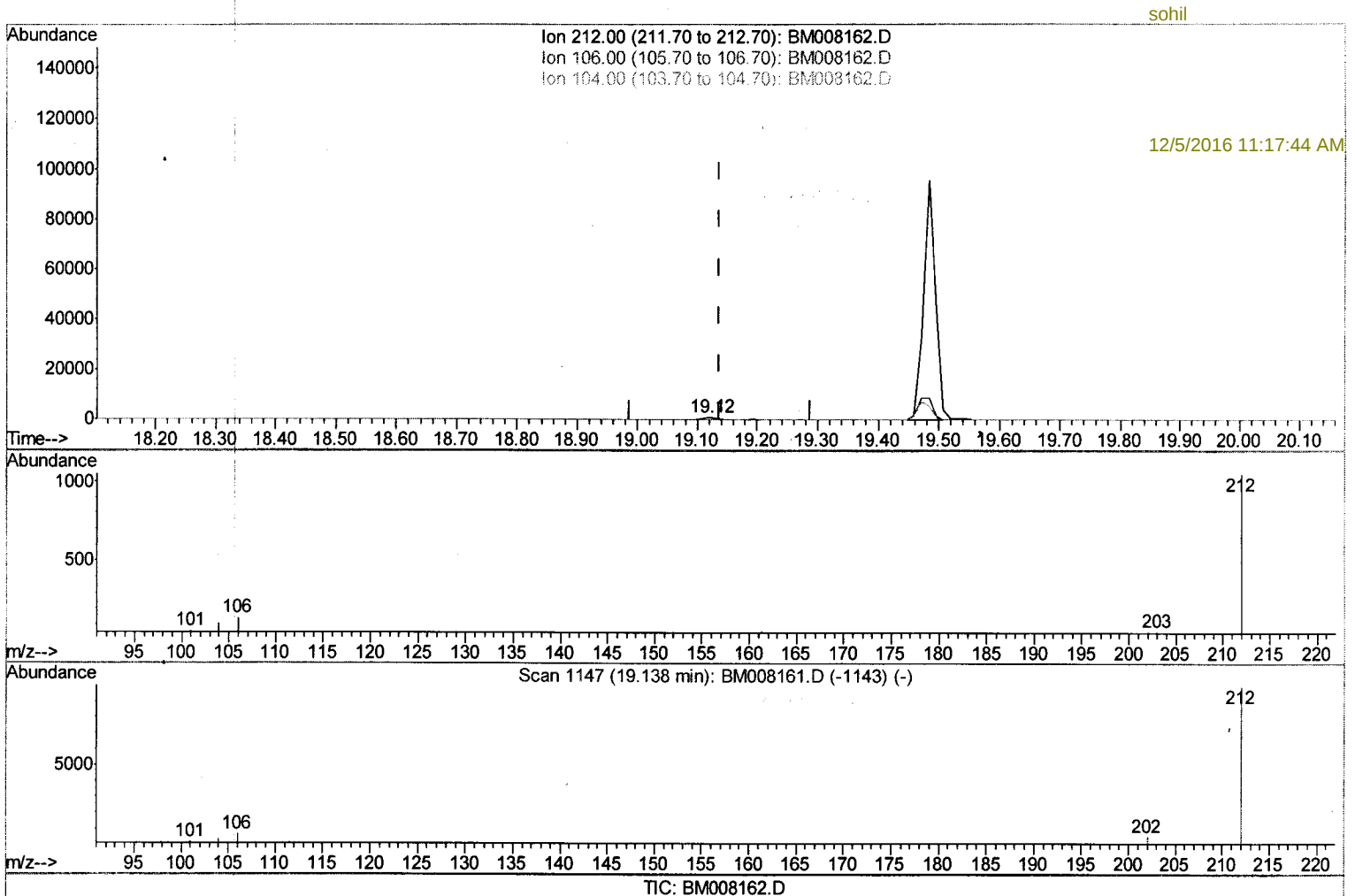
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(14) Fluoranthene-d10 (SURR)

19.120min (-0.017) 0.28ng/ul m

response 1375

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

> 5.7
 12/06/16

Quantitation Report (Qedit)

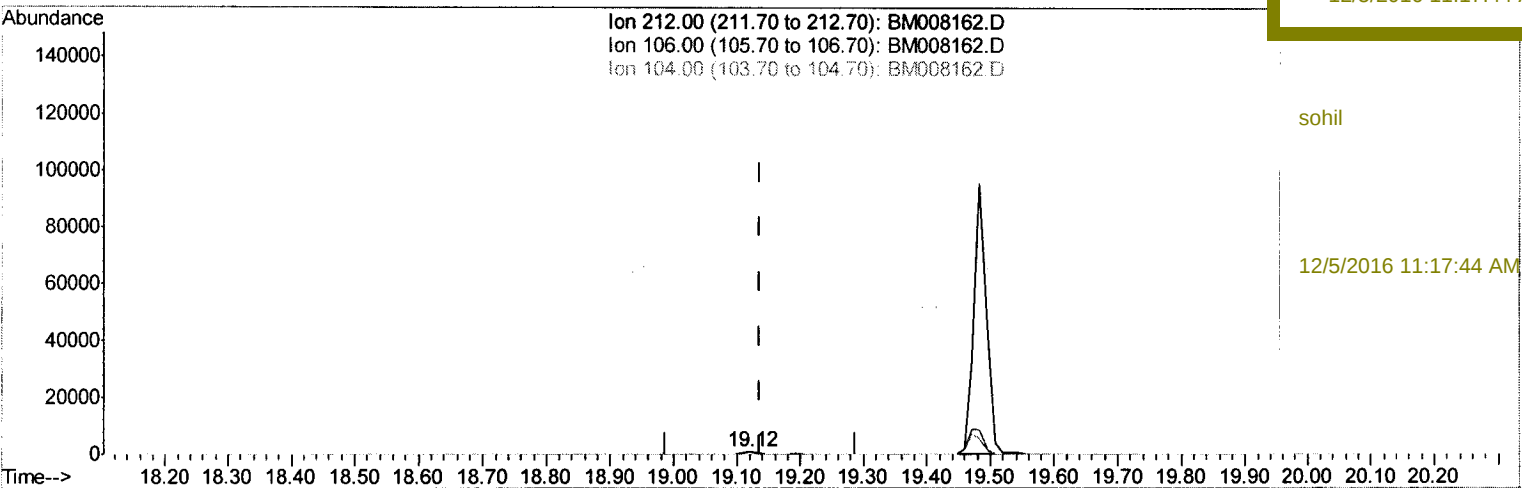
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 QLast Update : Sat Dec 03 00:55:35 2016
 Response via : Initial Calibration

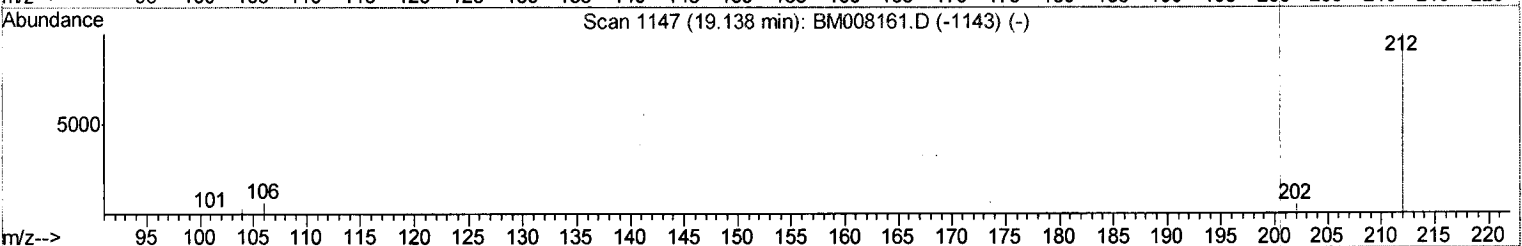
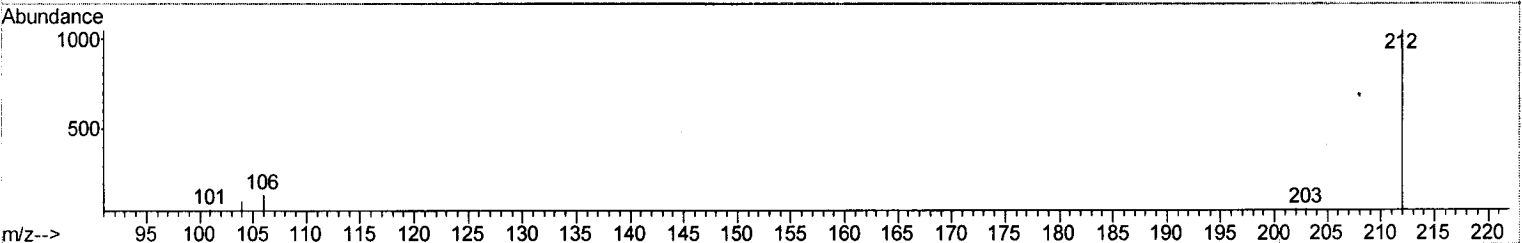
Manual Integrations
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 12/5/2016 11:17:44 AM



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TIC: BM008162.D

(14) Fluoranthene-d10 (SURR)

19.120min (-0.017) 0.25ng/ul

response 1223

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008162.D
 Acq On : 02 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

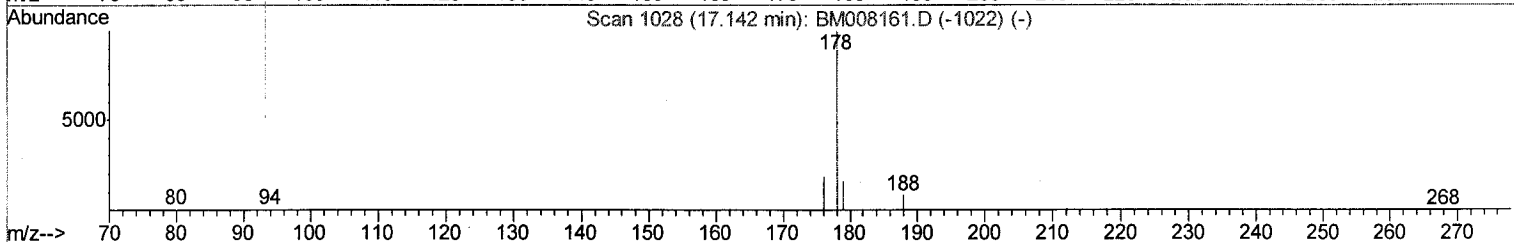
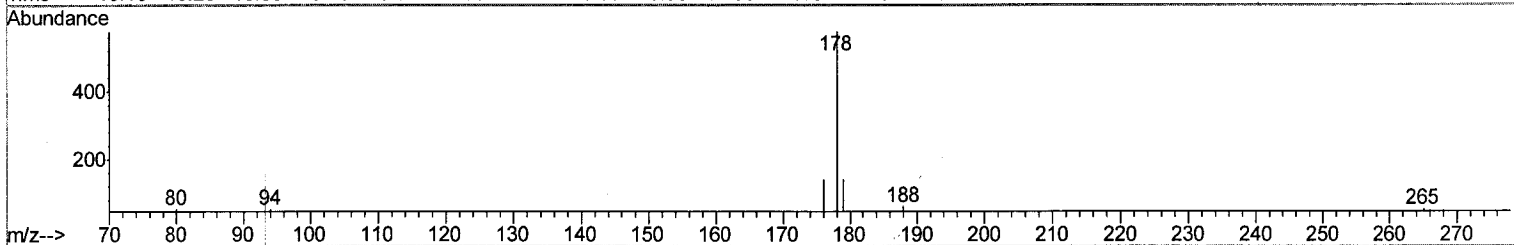
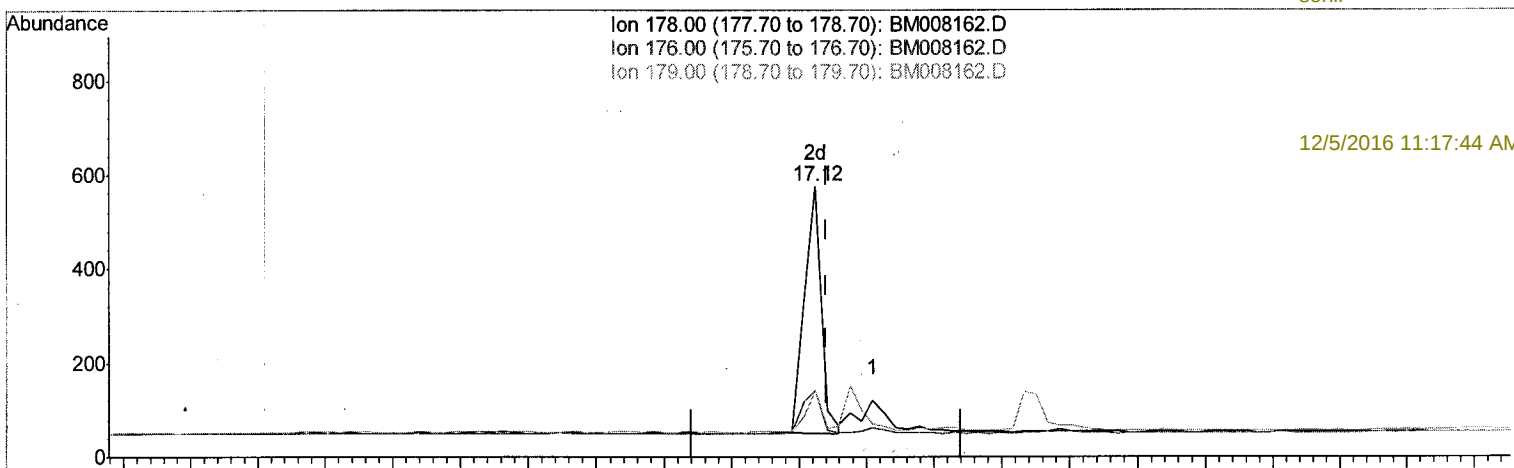
Instrument :
 BNA_M
 ClientSampleId :
 A4W13

Manual Integrations
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 12/5/2016 11:17:44 AM

Quant Time: Dec 03 01:08:42 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

sohil



TIC: BM008162.D

(12) Phenanthrene

17.125min (-0.017) 0.17ng/ul m

response 904

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	24.61
179.00	17.00	24.44#
0.00	0.00	0.00

> 5.9
 12/06/16

Quantitation Report (Qedit)

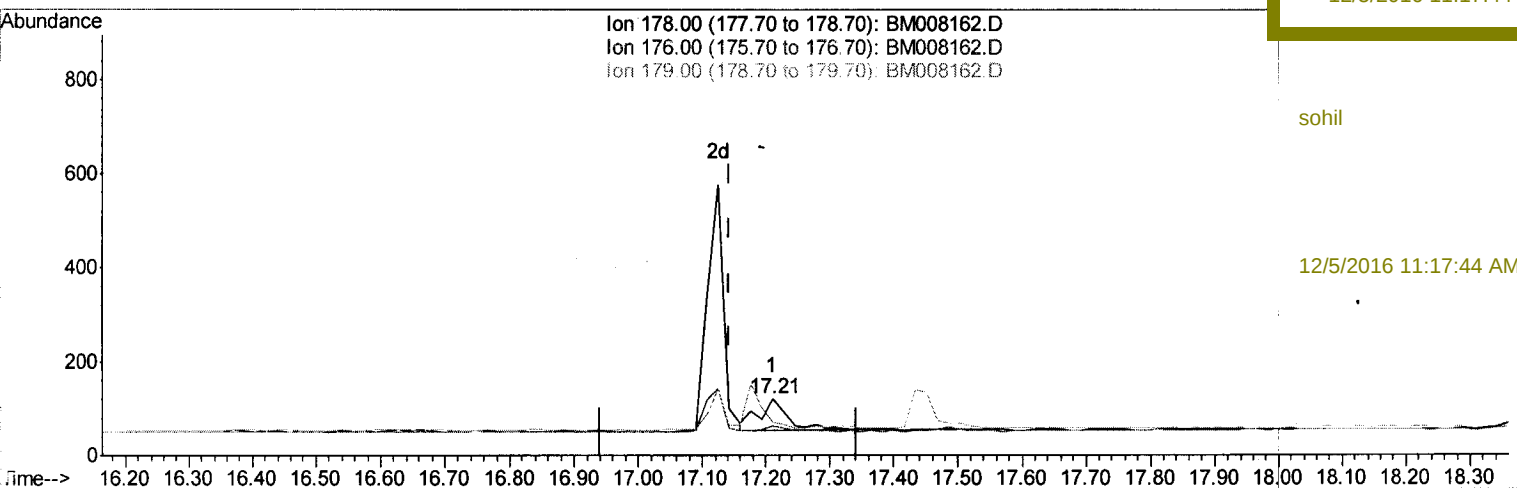
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008162.D
 Acq On : 02 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WI3

Quant Time: Dec 03 01:08:42 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

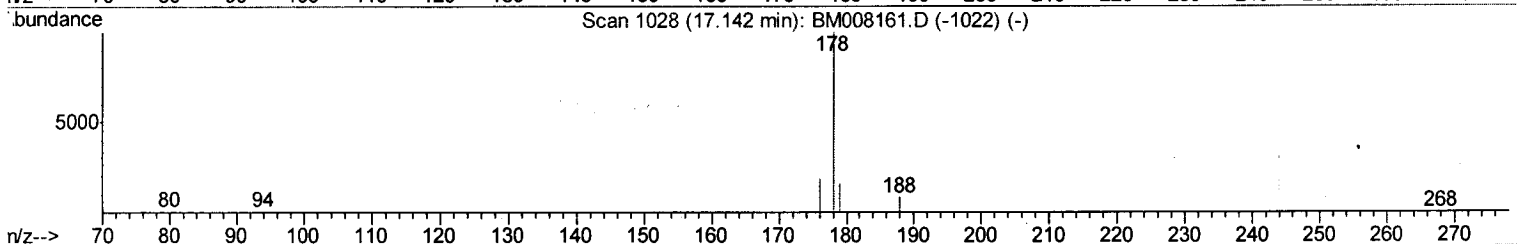
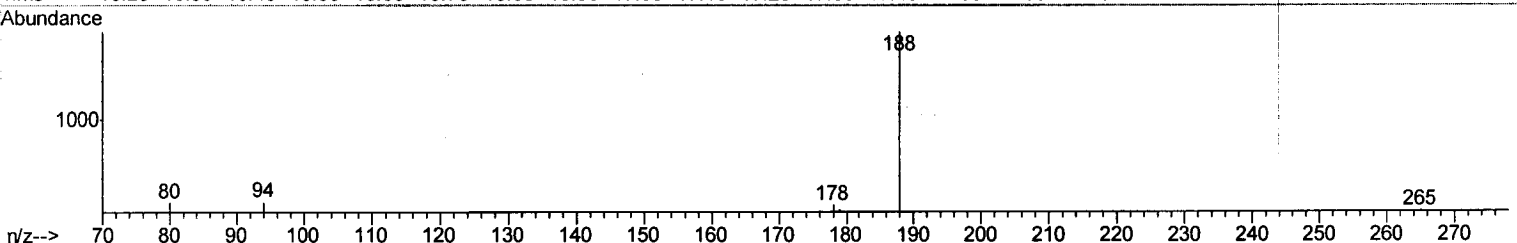
Manual Integrations
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TIC: BM008162.D

(12) Phenanthrene

17.210min (+0.068) 0.04ng/ul

response 224

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	52.89#
179.00	17.00	59.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008162.D
 Acq On : 02 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

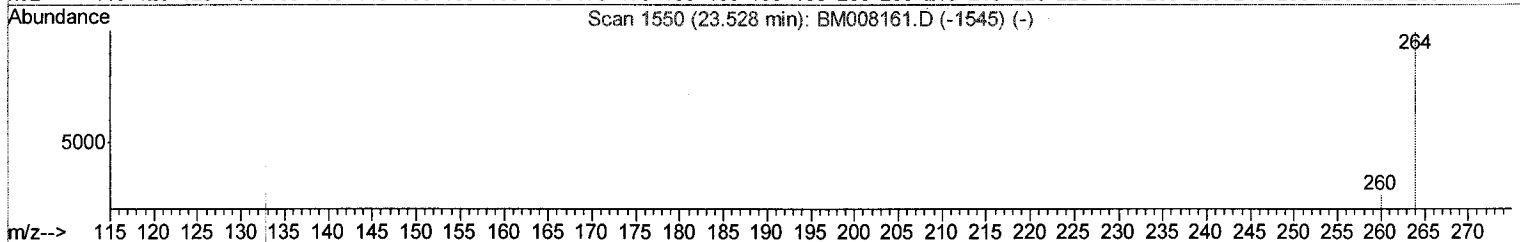
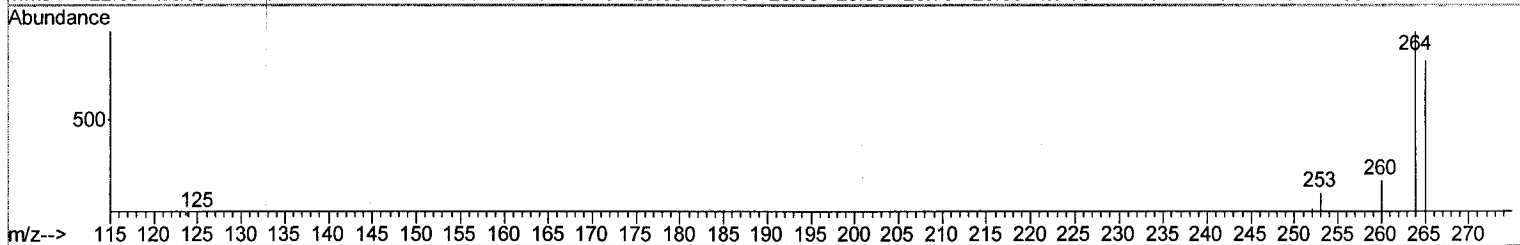
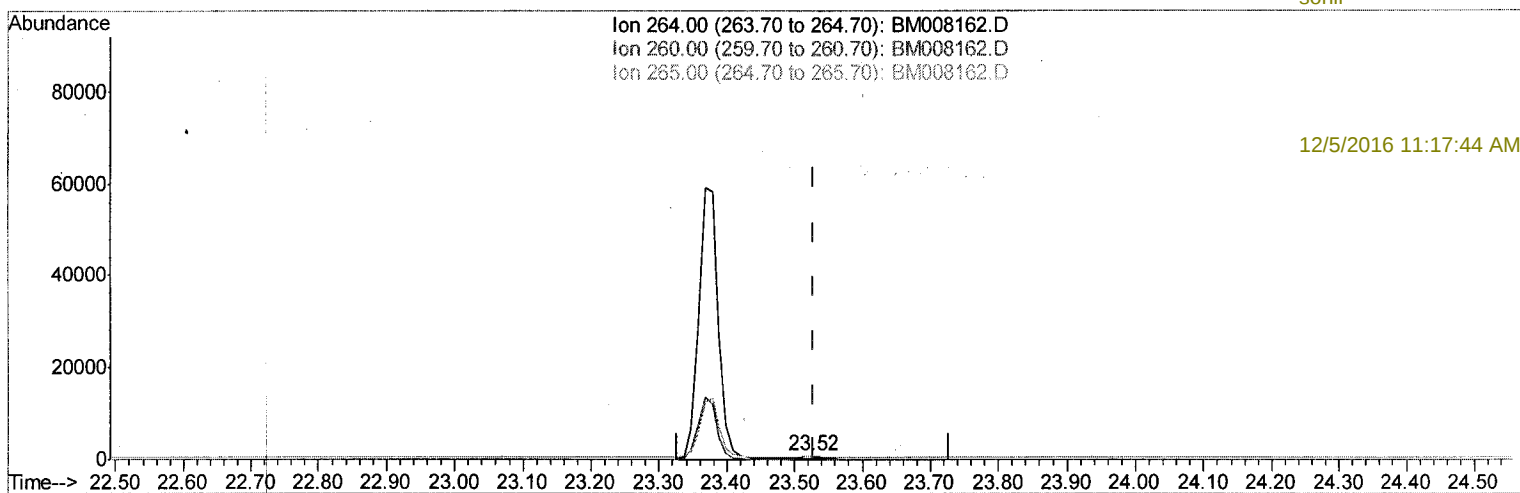
Instrument :
 BNA_M
 ClientSampleId :
 A4W13

Manual Integrations
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Quant Time: Dec 03 00:57:51 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

sohil



TIC: BM008162.D

(20) Perylene-d12 (I)

23.524min (-0.003) 0.40ng/ul m

response 1280

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.13
265.00	103.50	86.05
0.00	0.00	0.00

75.7
 12/06/16

Quantitation Report (Qedit)

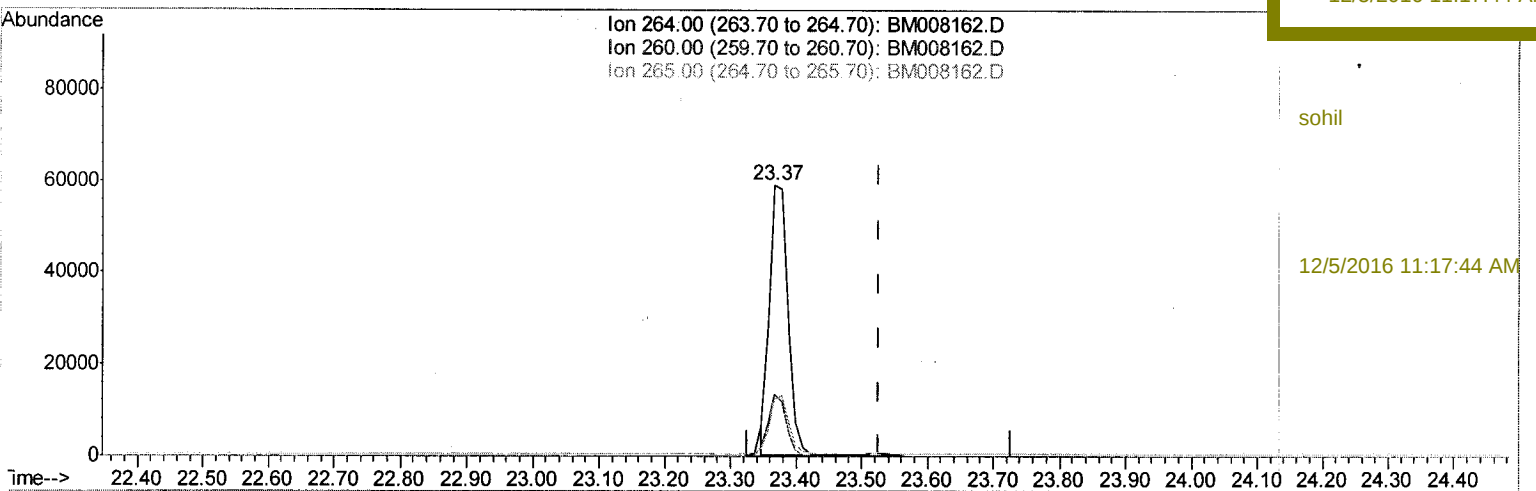
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008162.D
 Acq On : 02 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WI3

Manual Integrations
 APPROVED

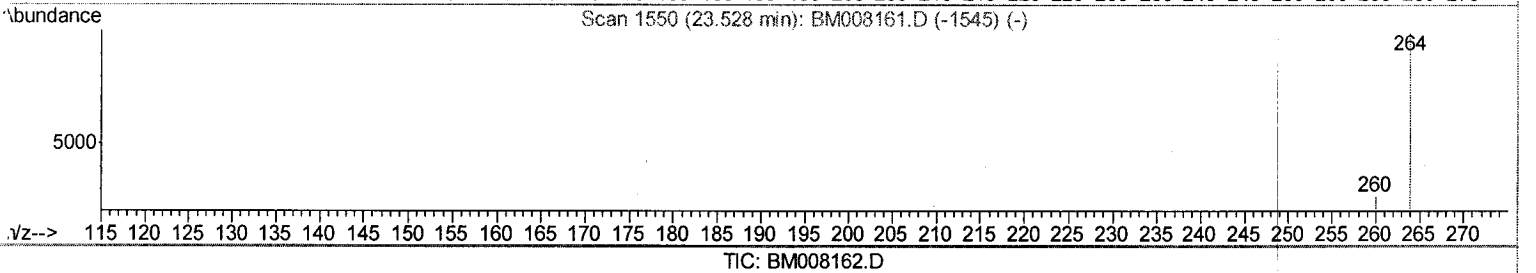
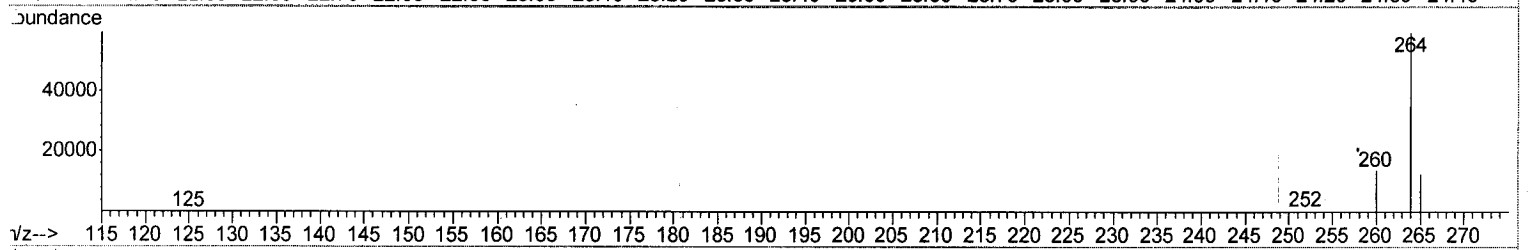
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Quant Time: Dec 03 00:57:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 03 00:55:35 2016
 Response via : Initial Calibration



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(20) Perylene-d12 (I)

23.368min (-0.160) 0.40ng/ul

response 113723

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.93#
265.00	103.50	20.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

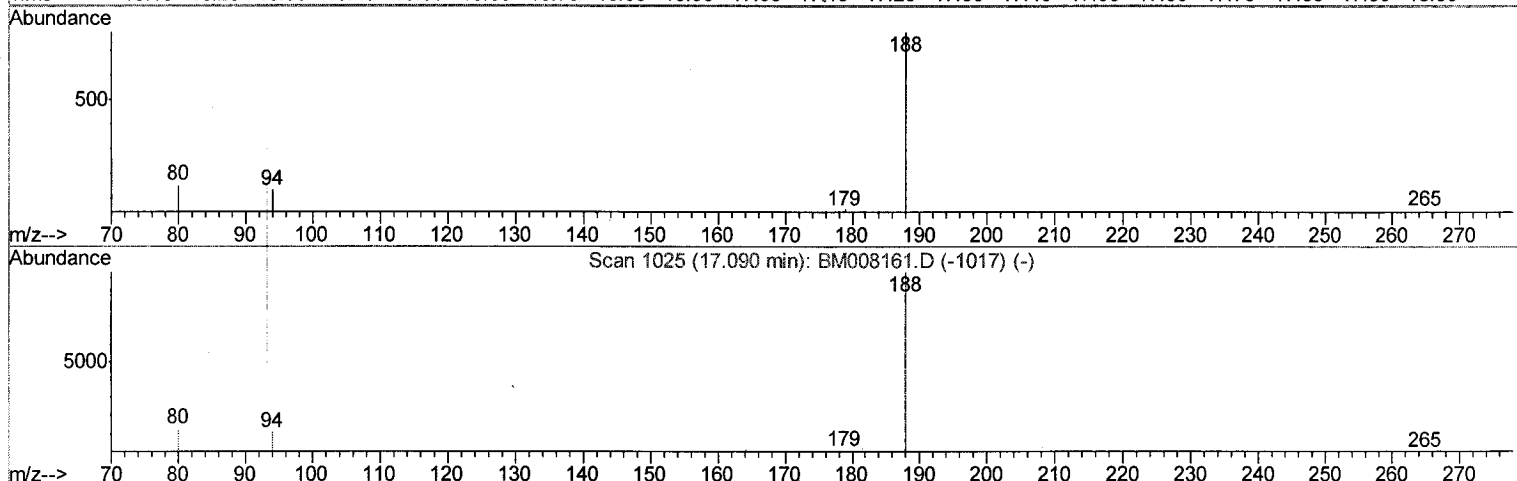
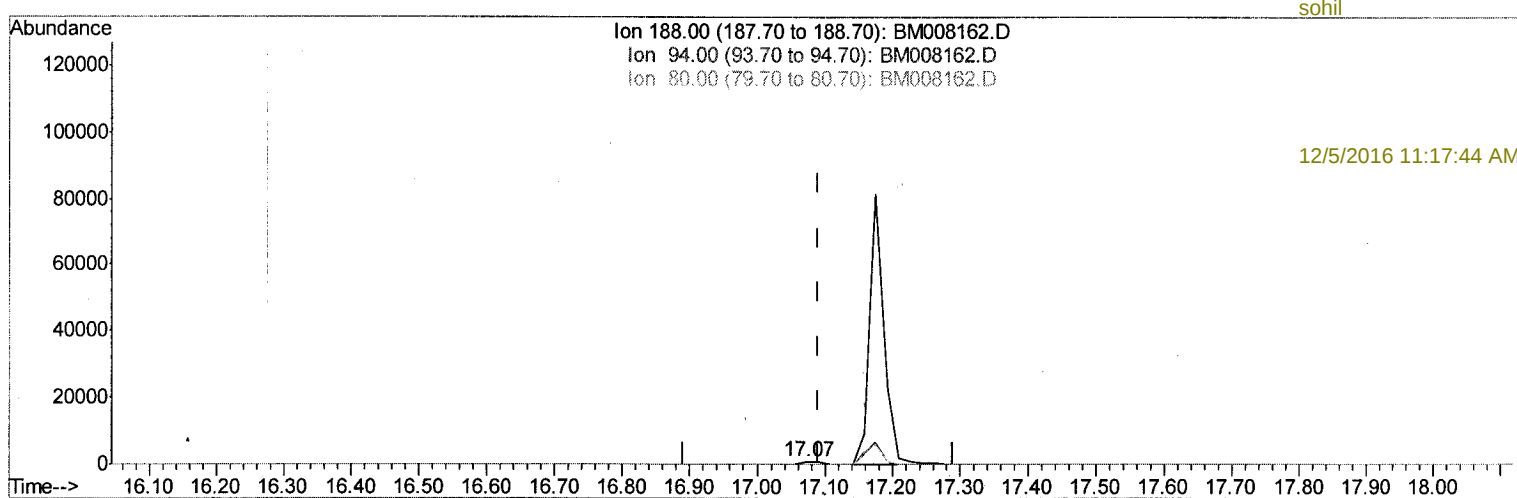
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008162.D
 Acq On : 02 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleID :
 A4WI3

Manual Integrations
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Quant Time: Dec 03 00:57:51 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



TIC: BM008162.D

(10) Phenanthrene-d10 (I)

17.073min (-0.017) 0.40ng/ul m

response 1725

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	17.49#
80.00	11.80	19.69#
0.00	0.00	0.00

> 5.1
 12/06/16

Quantitation Report (Qedit)

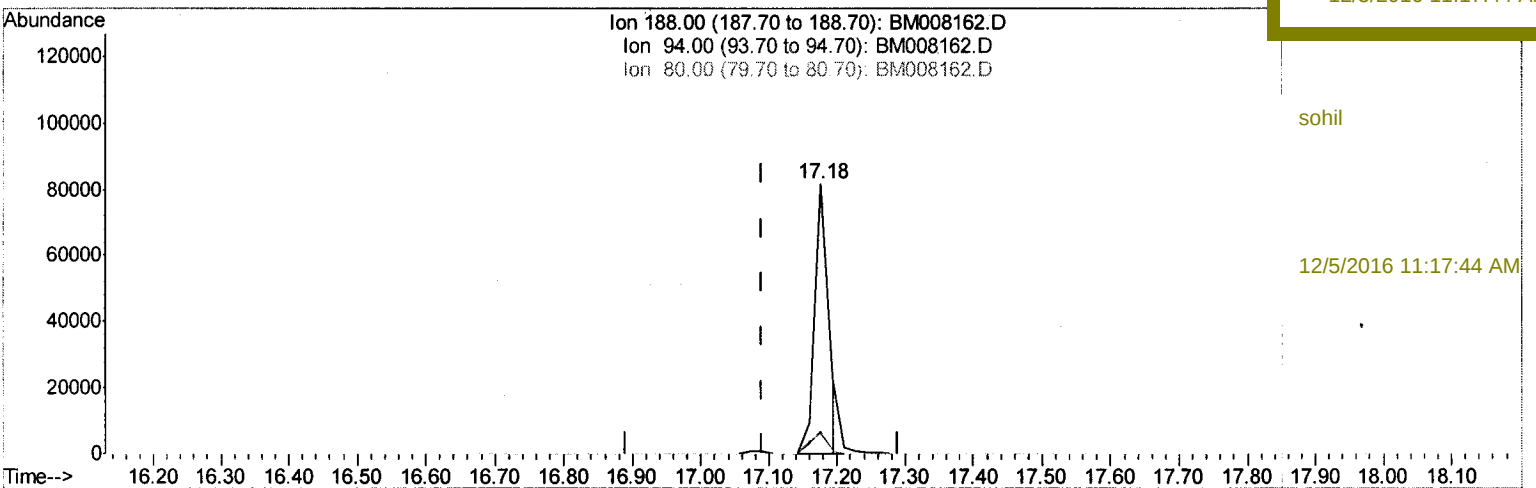
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008162.D
 Acq On : 02 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WI3

Quant Time: Dec 03 00:57:51 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

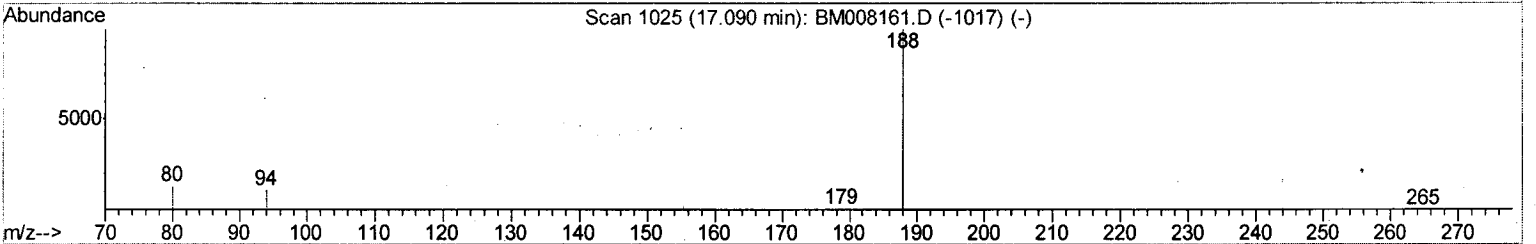
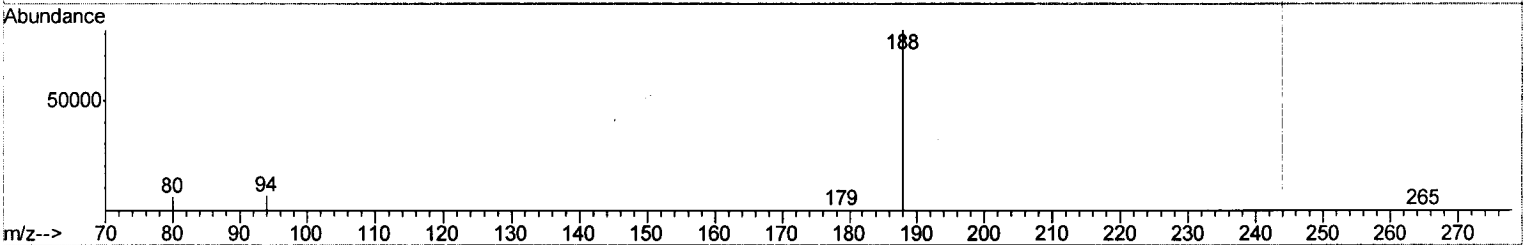
Manual Integrations
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TIC: BM008162.D

(10) Phenanthrene-d10 (I)

17.176min (+0.086) 0.40ng/ul

response 116528

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.00#
80.00	11.80	7.42#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008162.D
 Acq On : 02 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WI3

Quant Time: Dec 03 01:13:37 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

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	500	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.48	136	1639	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	916	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1725m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	1651	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1280m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	746	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1375m	0.28	ng/ul	-0.02
Target Compounds				Qvalue		
12) Phenanthrene	17.12	178	904m	0.17	ng/ul	
15) Fluoranthene	19.14	202	1671m	0.24	ng/ul	
17) Pyrene	19.51	202	1910	0.33	ng/ul	94
18) Benzo(a)anthracene	21.27	228	542	0.11	ng/ul#	77
19) Chrysene	21.32	228	714	0.11	ng/ul#	80
21) Benzo(b)fluoranthene	22.85	252	994m	0.19	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	354m	0.07	ng/ul	
23) Benzo(a)pyrene	23.41	252	698m	0.15	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	515m	0.09	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	536m	0.10	ng/ul	

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