

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008604.D
 Acq On : 23 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H6069-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

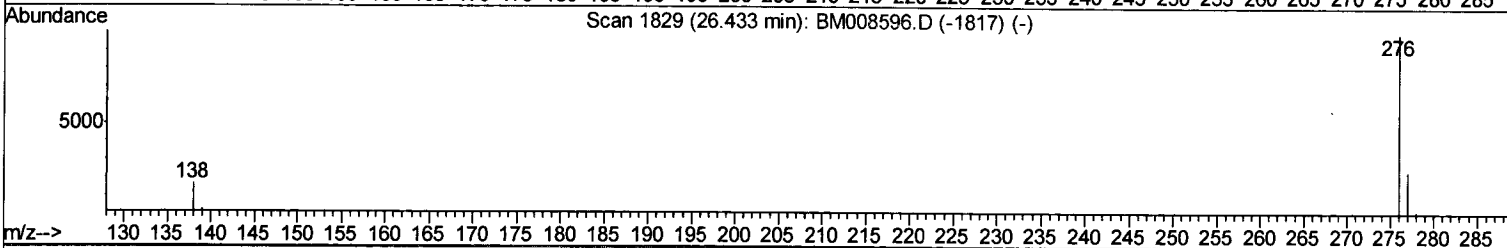
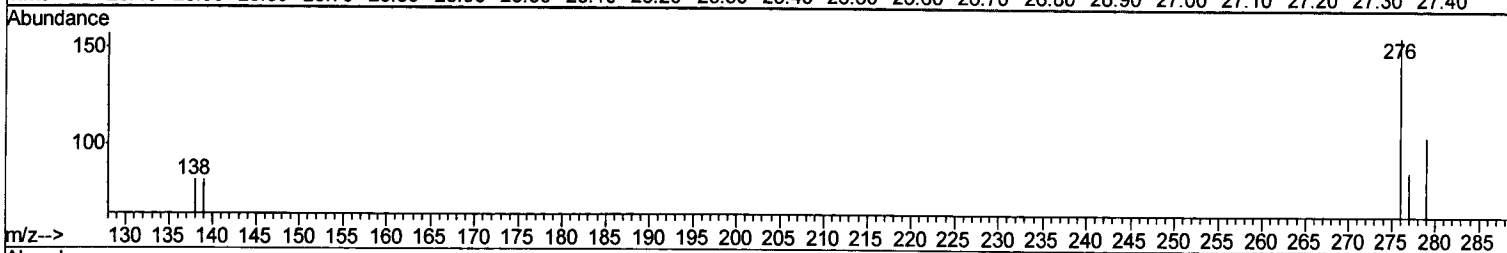
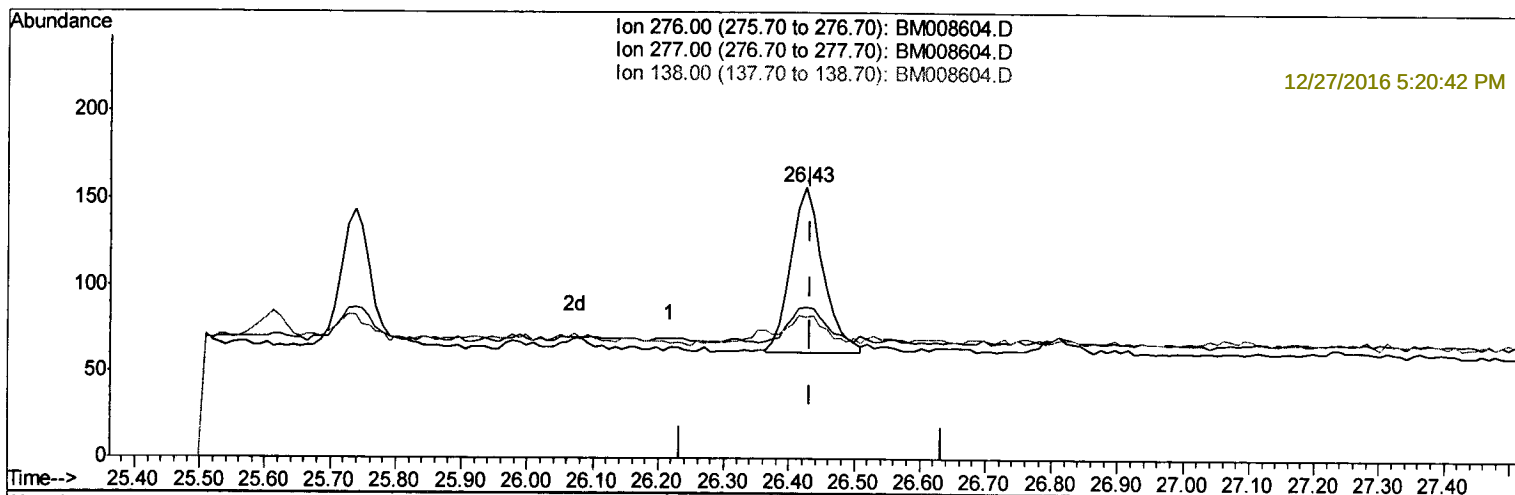
Instrument :
 BNA_M
 ClientSampleId :
 DA7J1

Manual Integrations
 APPROVED

Quant Time: Dec 24 00:12:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 23:37:39 2016
 Response via : Initial Calibration

Sonil

12/27/2016 5:20:42 PM



TIC: BM008604.D

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

26.426min (-0.007) 0.07ng/ul m

response 330

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	56.05#
138.00	25.60	52.23#
0.00	0.00	0.00

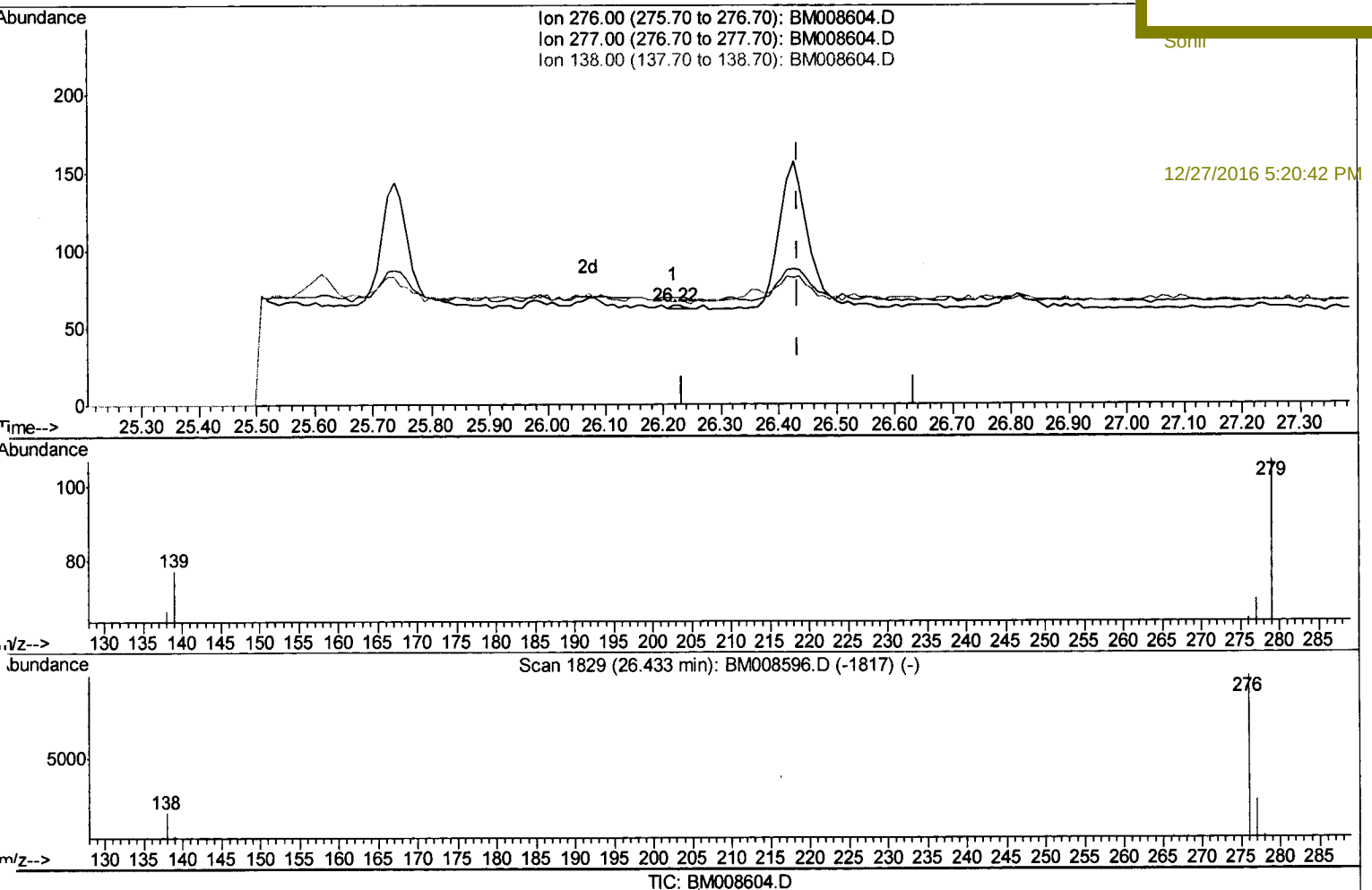
> S.S.
 12/27/2016

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Acq On : 23 Dec 2016 20:20
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_M
ClientSampleId :
DA7J1

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

26.217min (-0.215) 0.00ng/ul

response 3

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	107.81#
138.00	25.60	103.13#
0.00	0.00	0.00

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 ALS Vial : 13 Sample Multiplier: 1

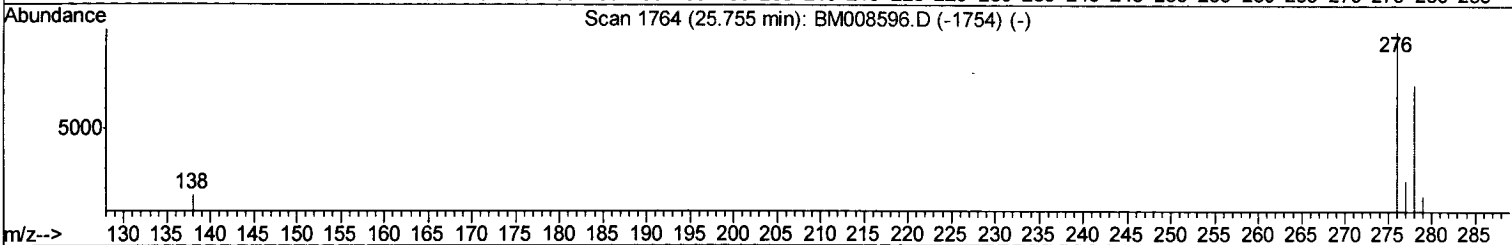
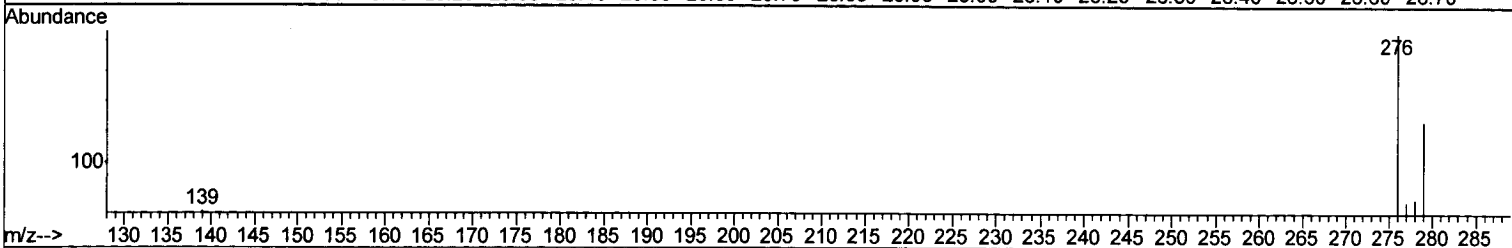
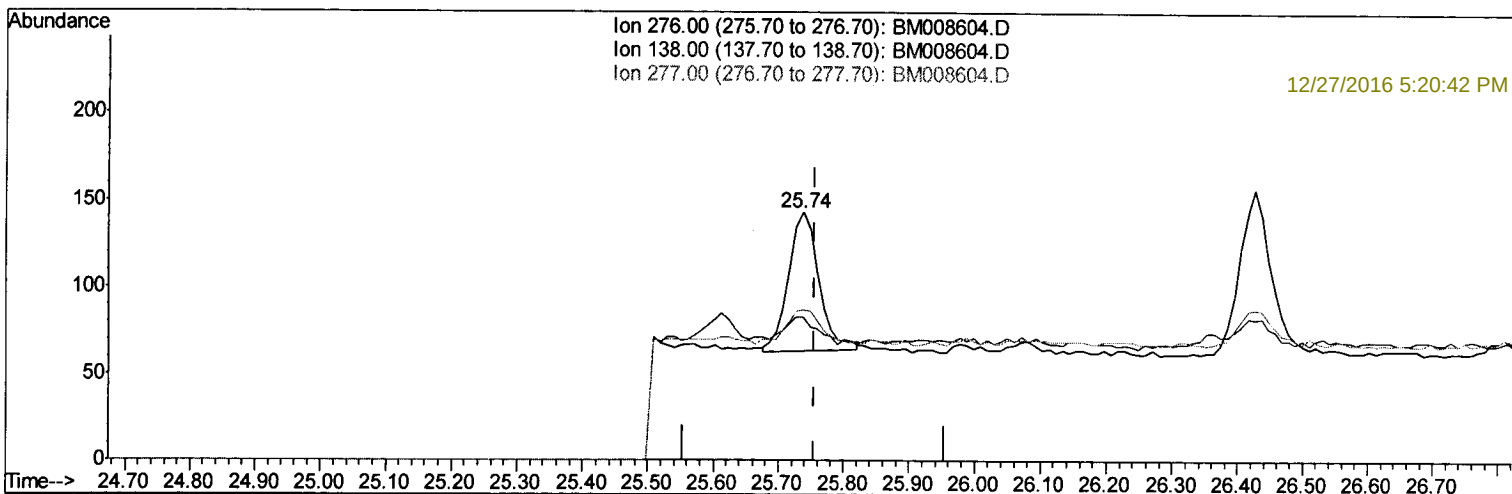
Instrument :
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 Client Sampled :
 DA7J1

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Sonni

12/27/2016 5:20:42 PM



TIC: BM008604.D

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

25.738min (-0.017) 0.04ng/ul m

response 262

Ion Exp% Act%

276.00 100 100

138.00 23.90 0.00#

277.00 24.50 0.00#

0.00 0.00 0.00

3.5
 12/27/2016

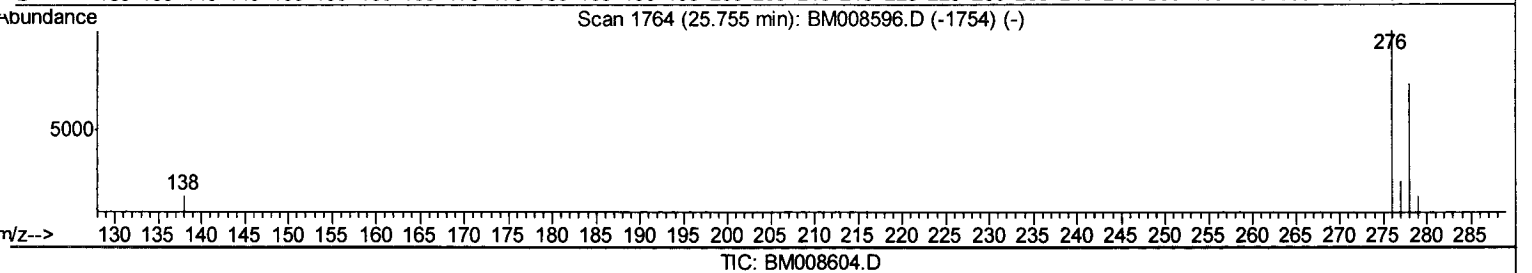
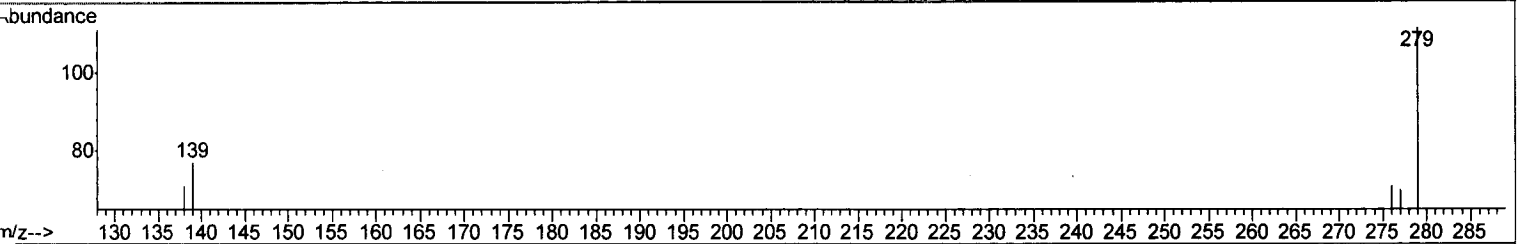
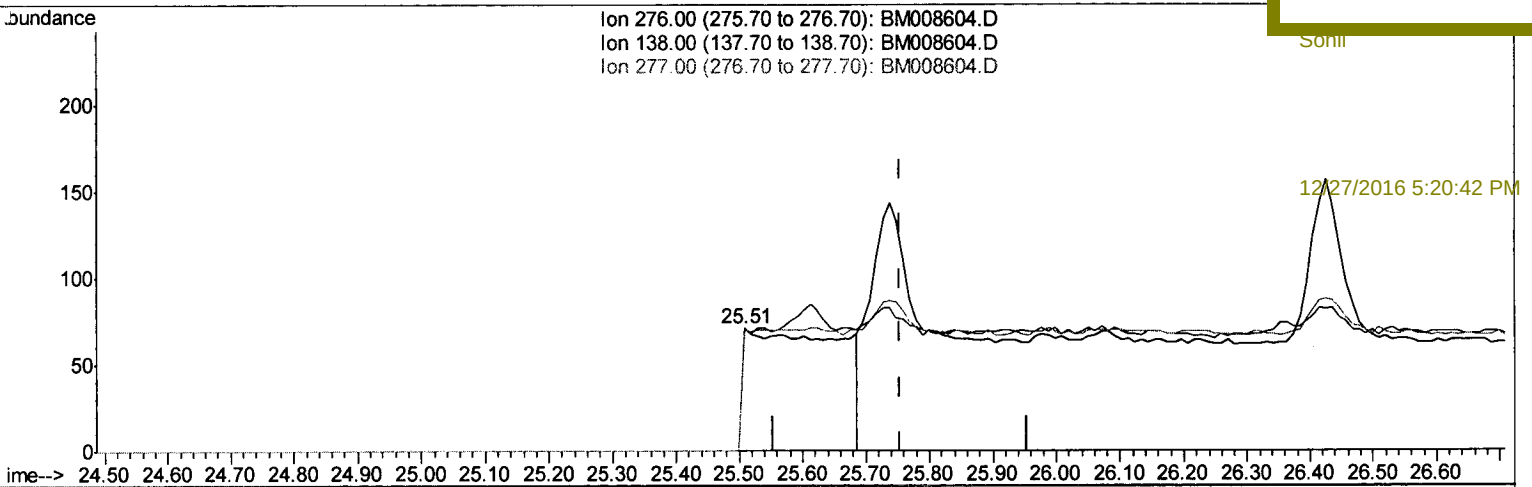
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(24) Indeno(1,2,3-cd)pyrene

25.508min (-0.247) 0.13ng/ul

response 742

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

Quantitation Report (Qedit)

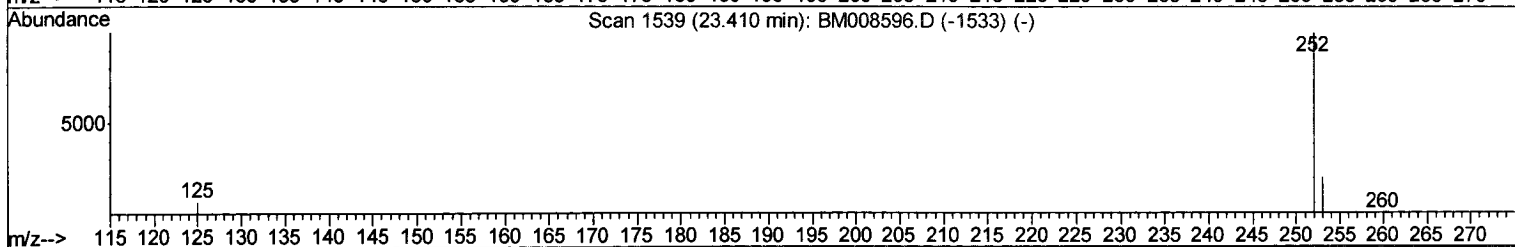
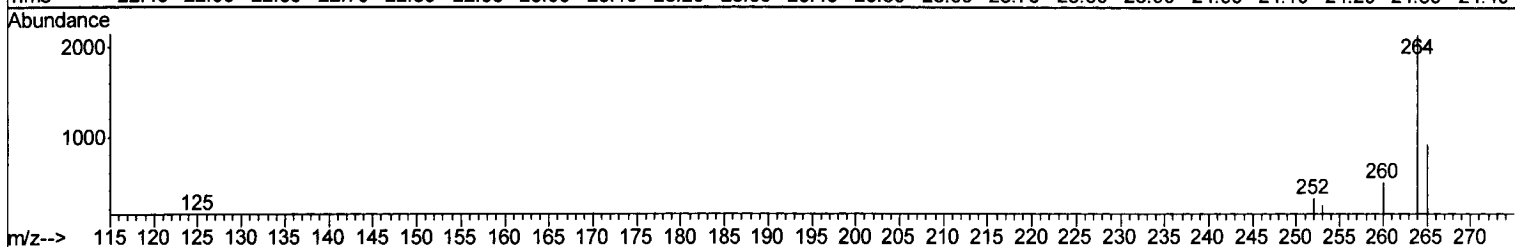
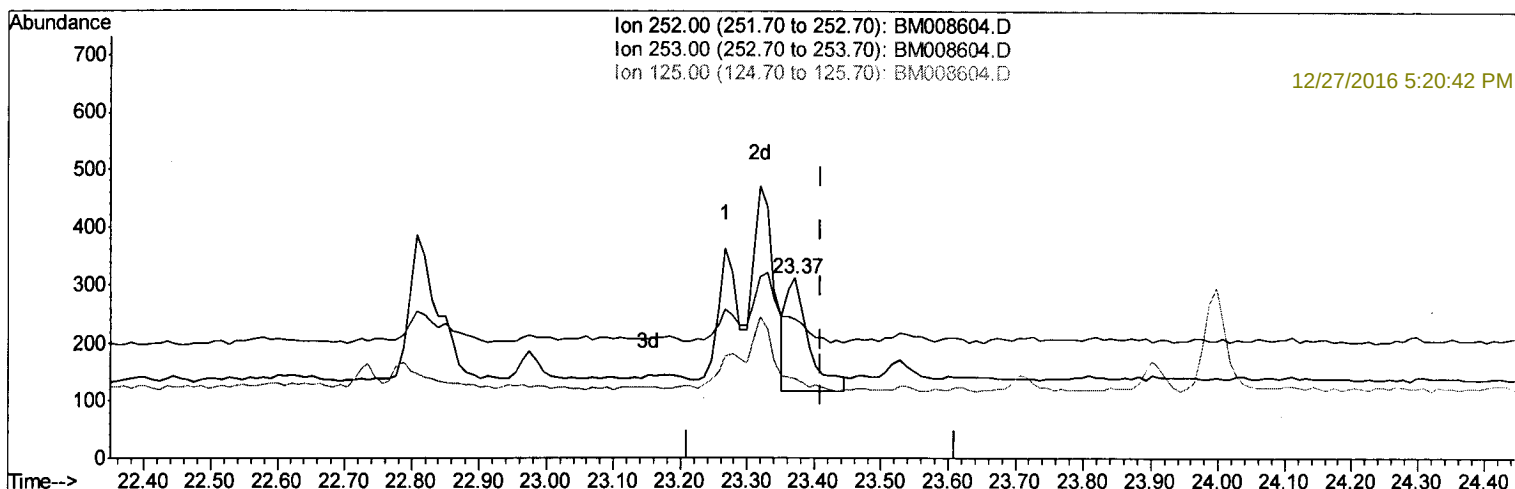
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12/27/2016 5:20:42 PM



(23) Benzo(a)pyrene (C)

23.371min (-0.038) 0.09ng/ul m

response 453

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	77.64#
125.00	22.60	44.73#
0.00	0.00	0.00

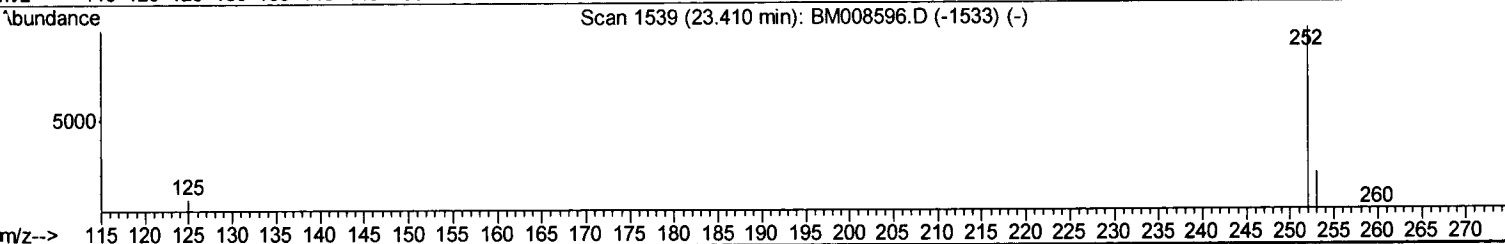
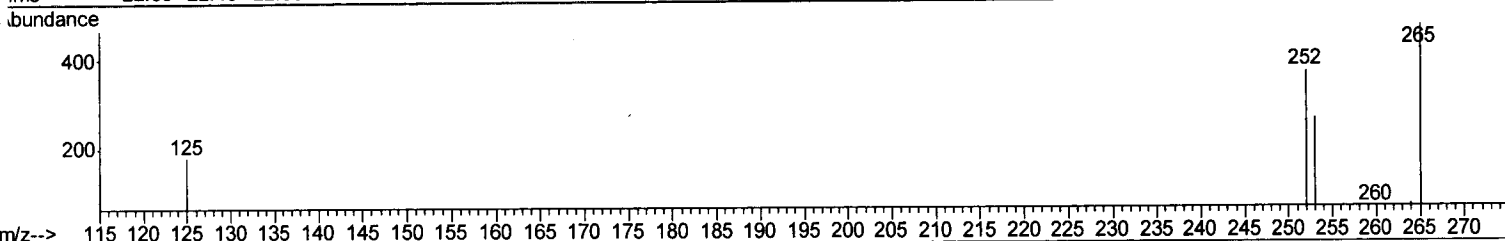
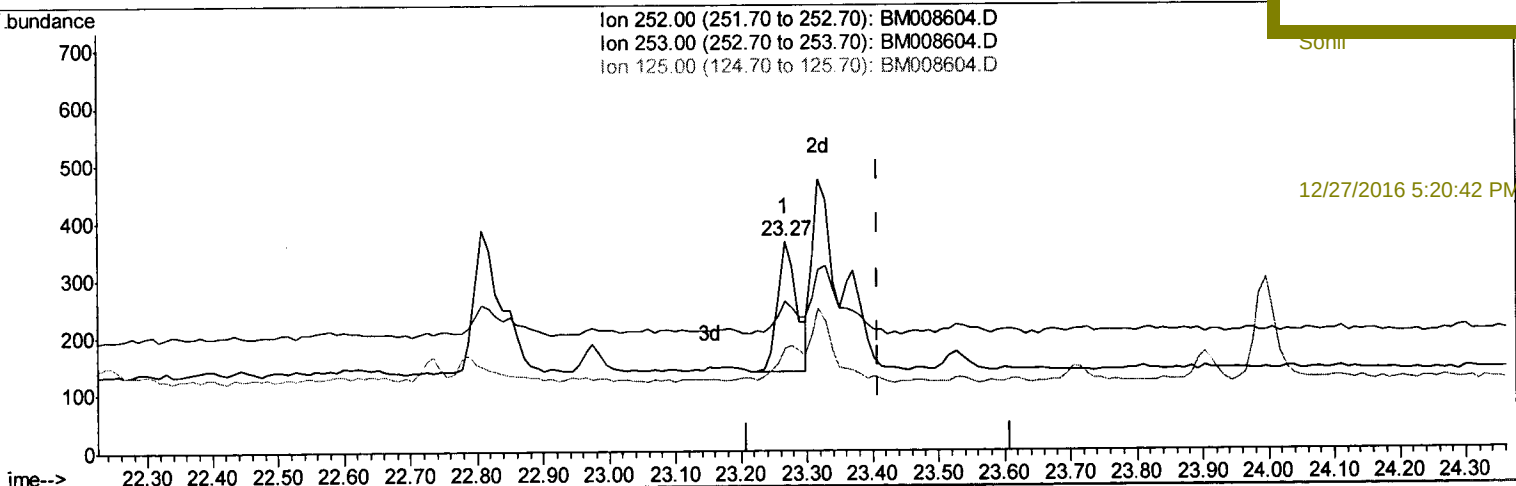
5.5
 12/27/2016

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Instrument :
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(23) Benzo(a)pyrene (C)

23.267min (-0.142) 0.09ng/ul

response 464

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	71.04#
125.00	22.60	48.63#
0.00	0.00	0.00

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 ALS Vial : 13 Sample Multiplier: 1

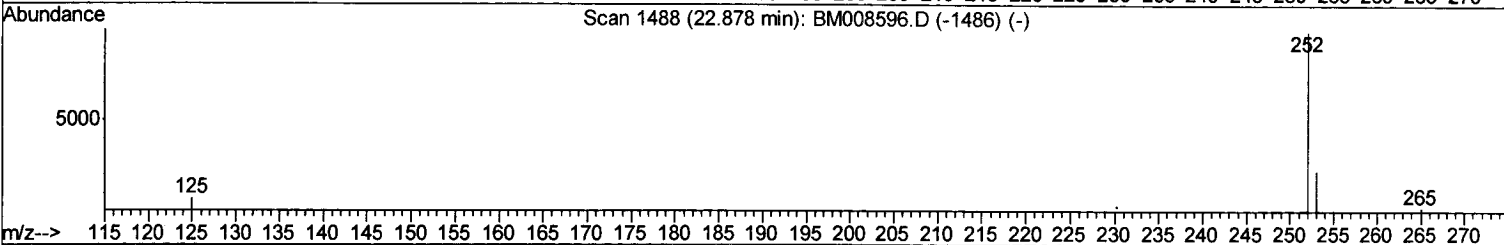
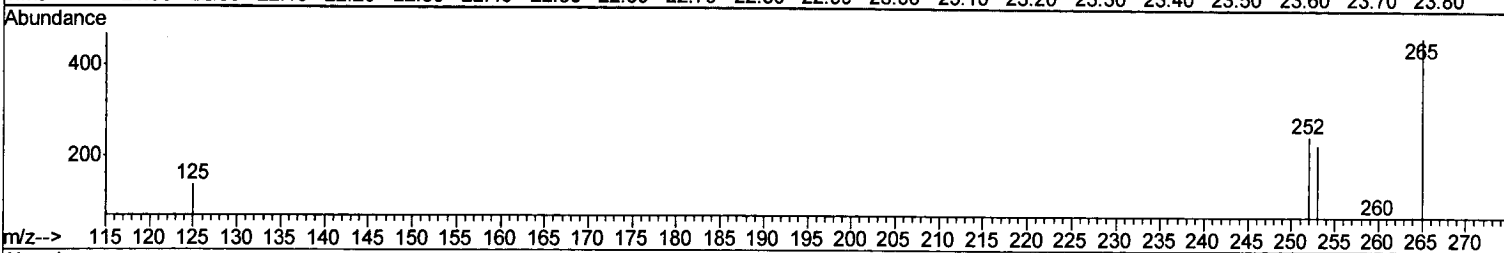
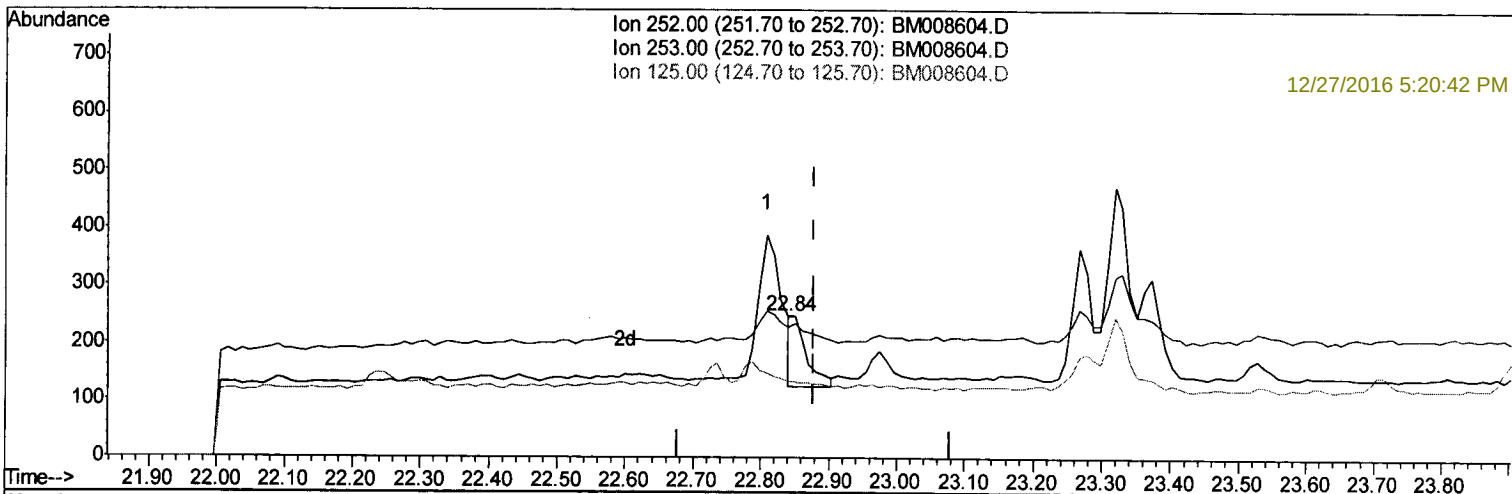
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 DA7J1

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12/27/2016 5:20:42 PM



TIC: BM008604.D

(22) Benzo(k)fluoranthene

22.840min (-0.038) 0.04ng/ul m

response 188

Ion Exp% Act%

252.00 100 100

253.00 30.60 91.94#

125.00 17.10 54.44#

0.00 0.00 0.00

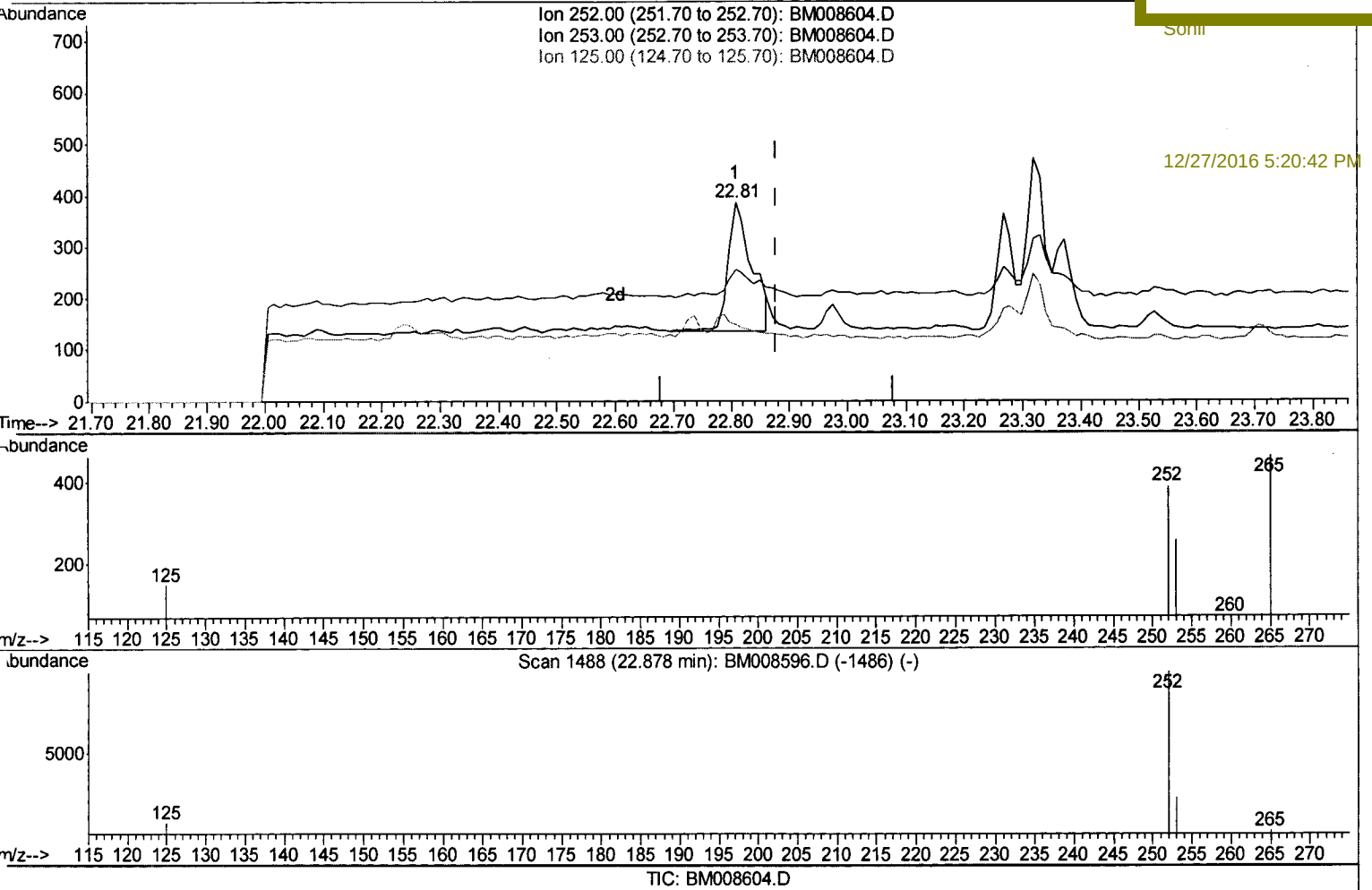
> 5.5
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Instrument :
BNA_M
ClientSampleId :
DA7J1

Manual Integrations
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(22) Benzo(k)fluoranthene

22.808min (-0.069) 0.14ng/ul

response 712

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	65.89#
125.00	17.10	38.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

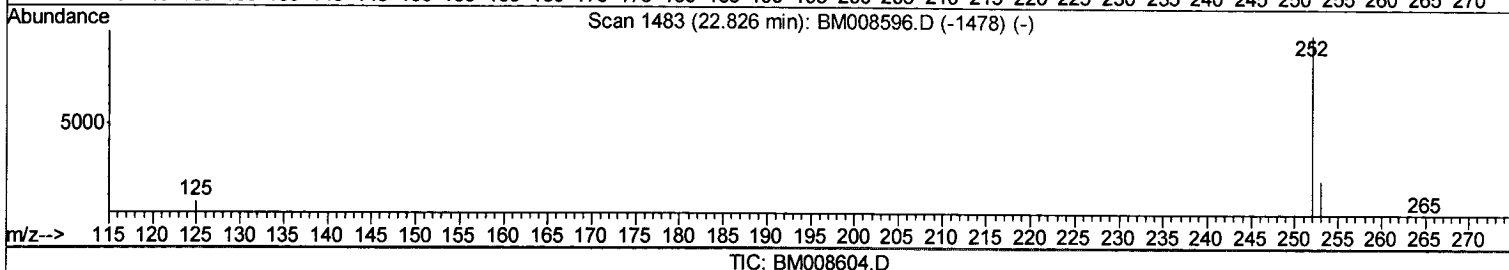
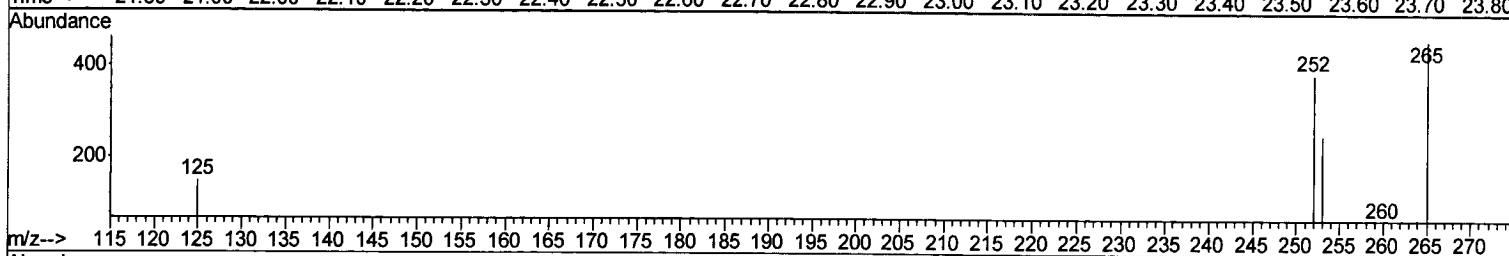
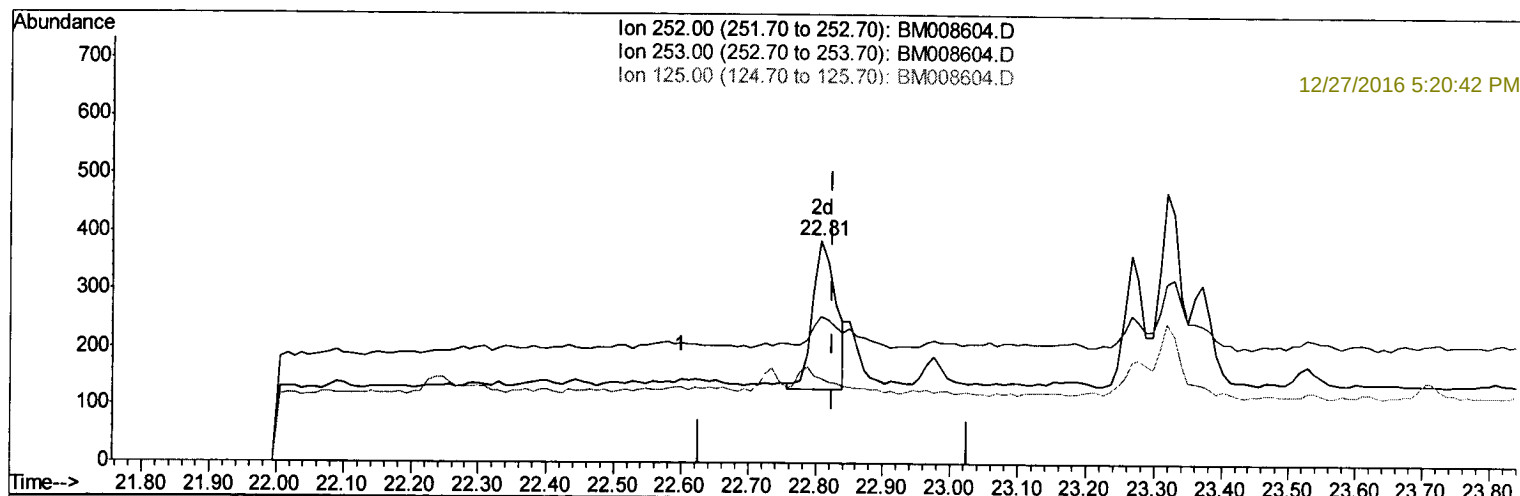
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 Operator : UM/SJ
 Sample : H6069-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J1

Manual Integrations
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 Response via : Initial Calibration

Sonni



(21) Benzo(b)fluoranthene

22.808min (-0.017) 0.12ng/ul m > 5.5
 response 631 12/27/2016

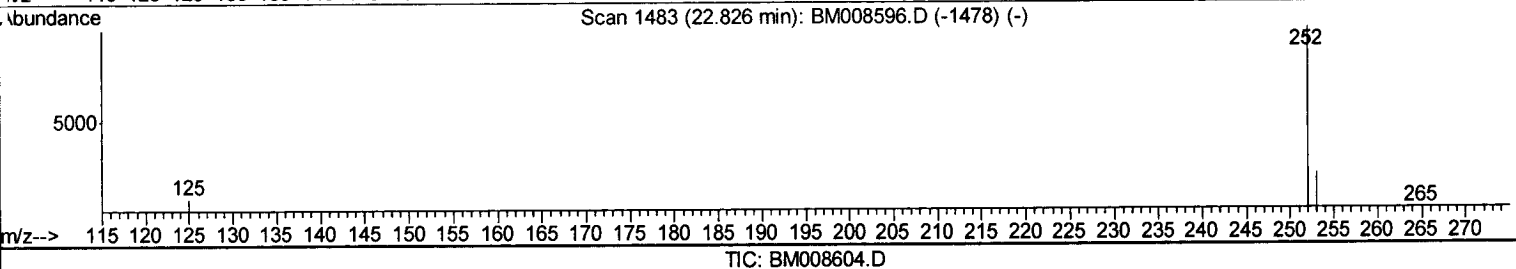
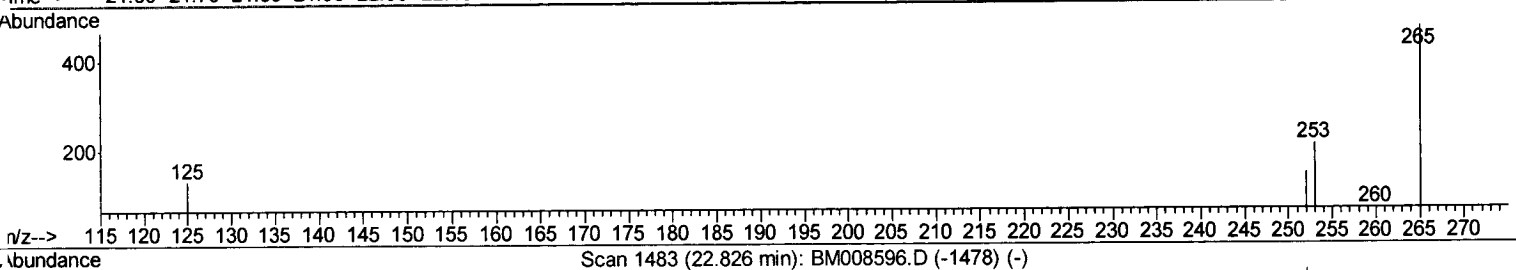
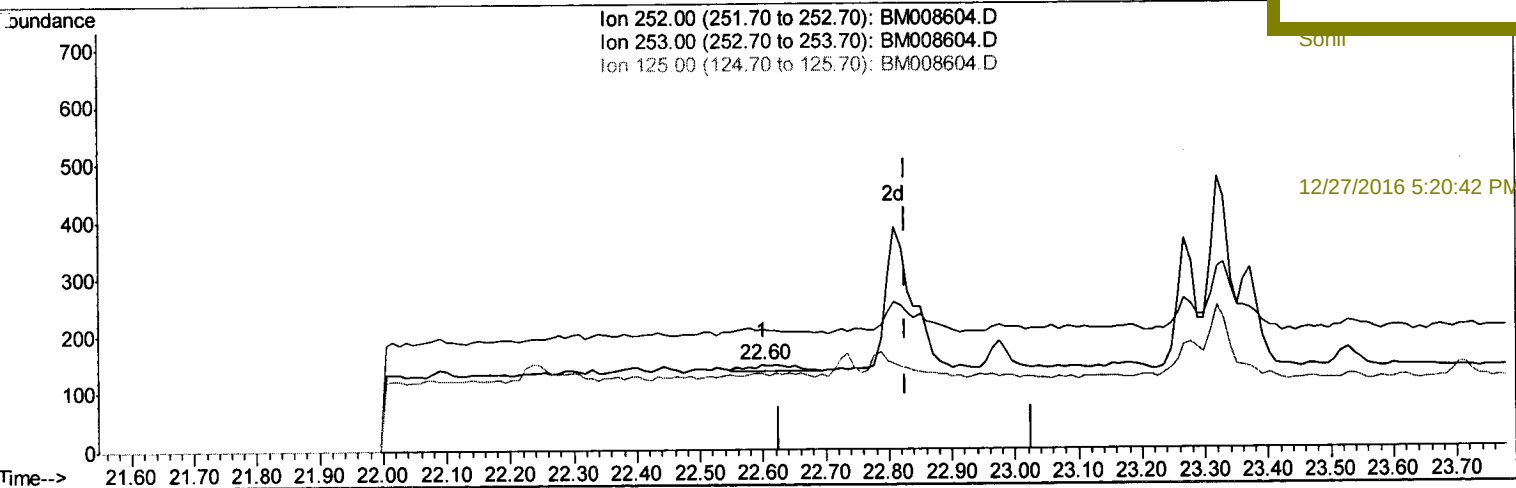
Ion	Exp%	Act%
252.00	100	100
253.00	32.10	65.89#
125.00	17.50	38.24#
0.00	0.00	0.00

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Operator : UM/SJ
Sample : H6069-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7J1

Manual Integrations
APPROVED

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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(21) Benzo(b)fluoranthene

22.600min (-0.226) 0.01ng/ul

response 46

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	141.50#
125.00	17.50	89.80#
0.00	0.00	0.00

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 ALS Vial : 13 Sample Multiplier: 1

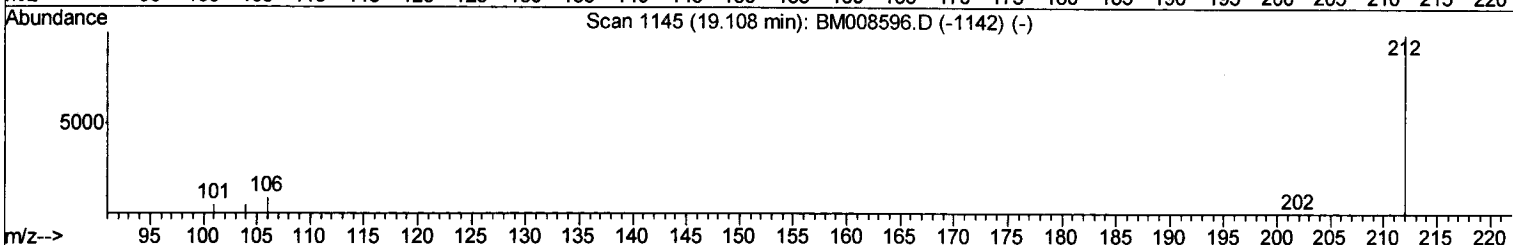
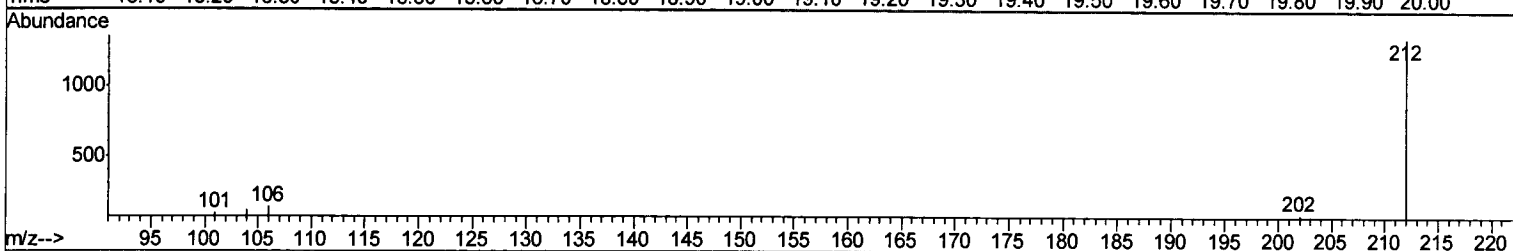
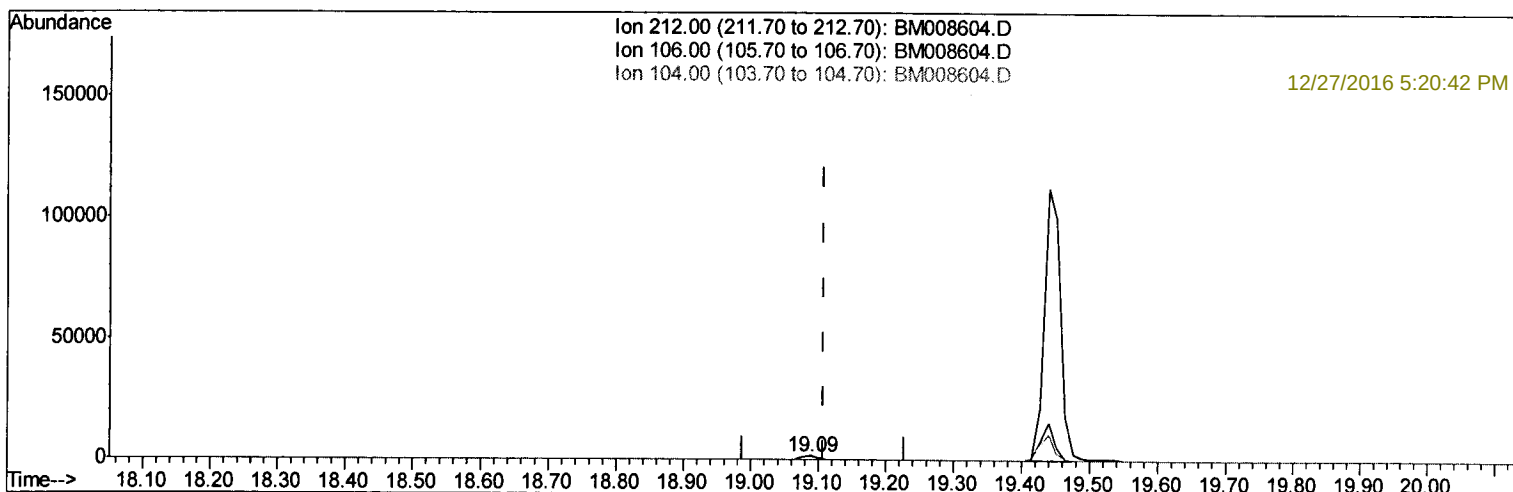
Instrument :
 BNA_M
 ClientSampled :
 DA7J1

Manual Integrations
 APPROVED

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Sonil

12/27/2016 5:20:42 PM



TIC: BM008604.D

(14) Fluoranthene-d10 (SURR)

19.089min (-0.019) 0.40ng/ul m

response 2089

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	8.47#
104.00	15.60	4.88#
0.00	0.00	0.00

5 0.5
 12/27/2016

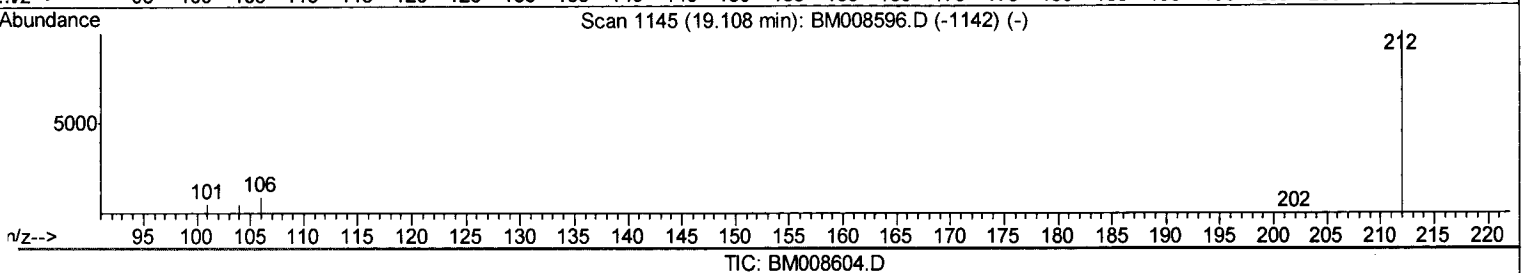
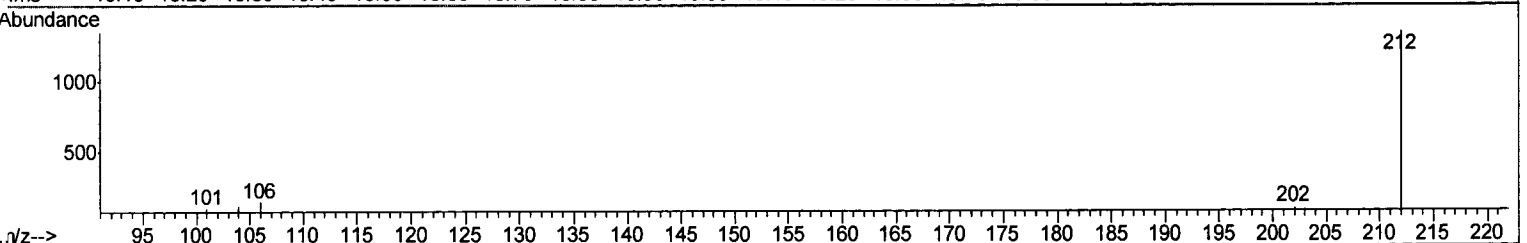
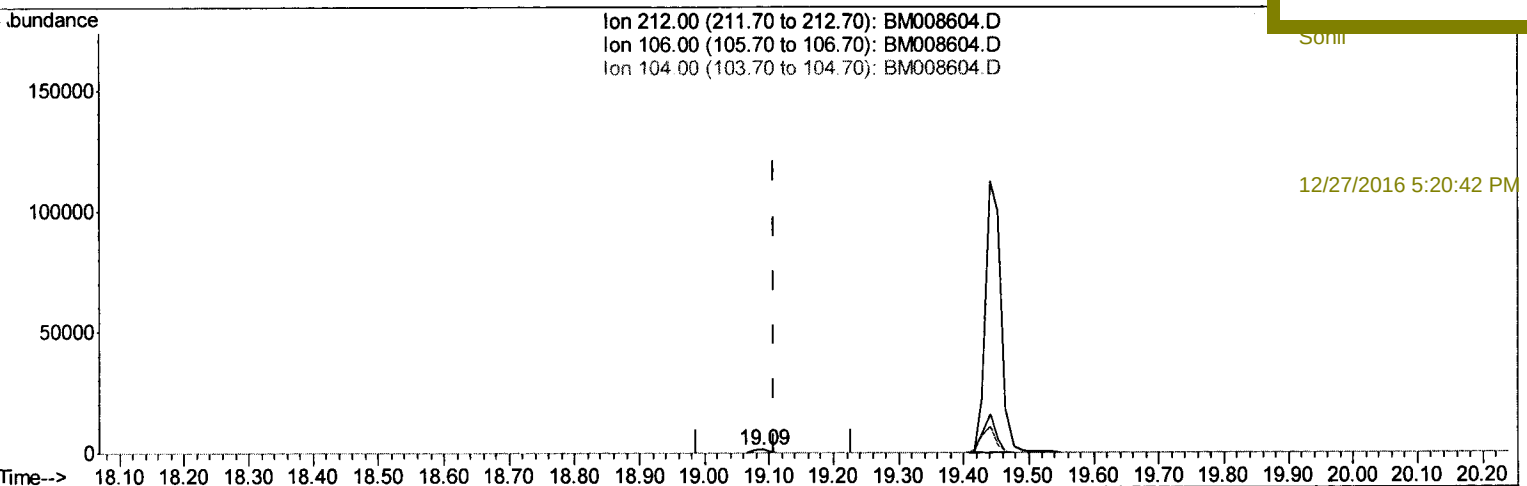
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 ALS Vial : 13 Sample Multiplier: 1

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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.089min (-0.019) 0.38ng/ul

response 1975

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	8.96#
104.00	15.60	5.16#
0.00	0.00	0.00

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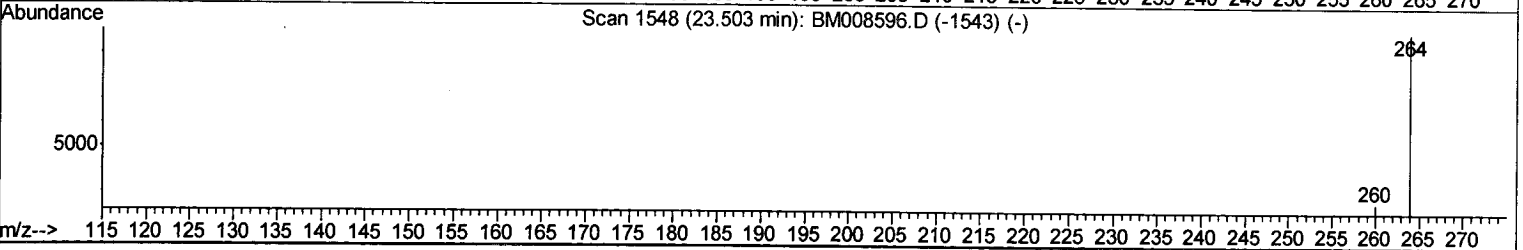
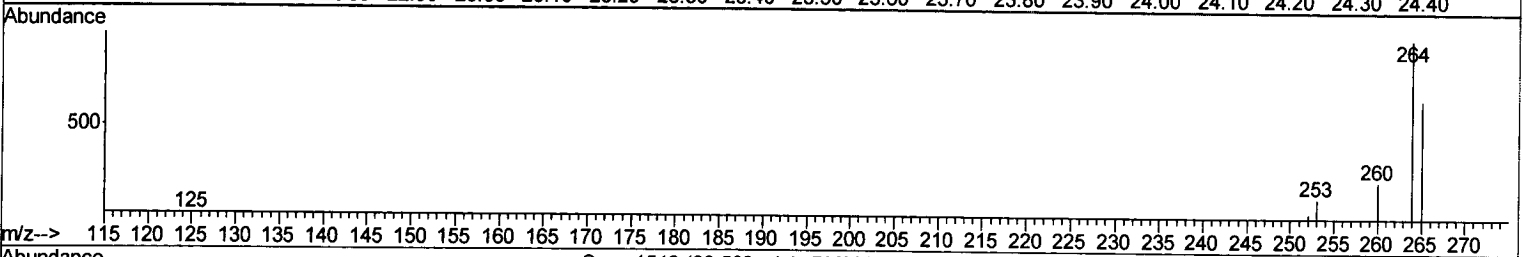
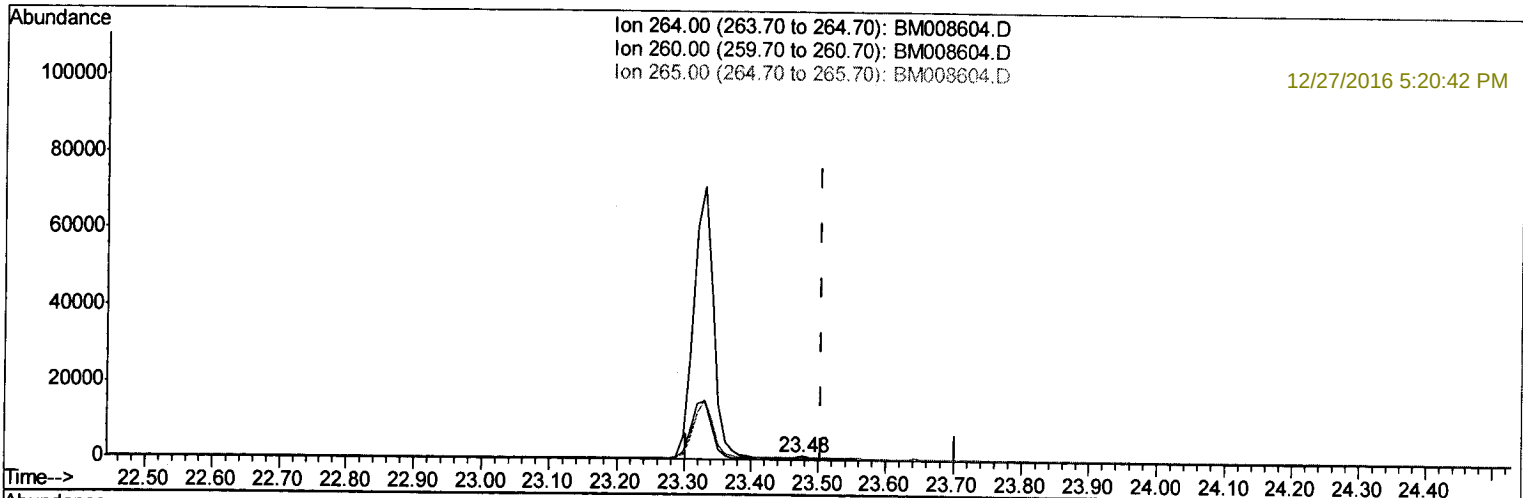
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12/27/2016 5:20:42 PM



TIC: BM008604.D

(20) Perylene-d12 (I)

23.476min (-0.028) 0.40ng/ul m *5.5*
 response 1342 *12/27/2016*

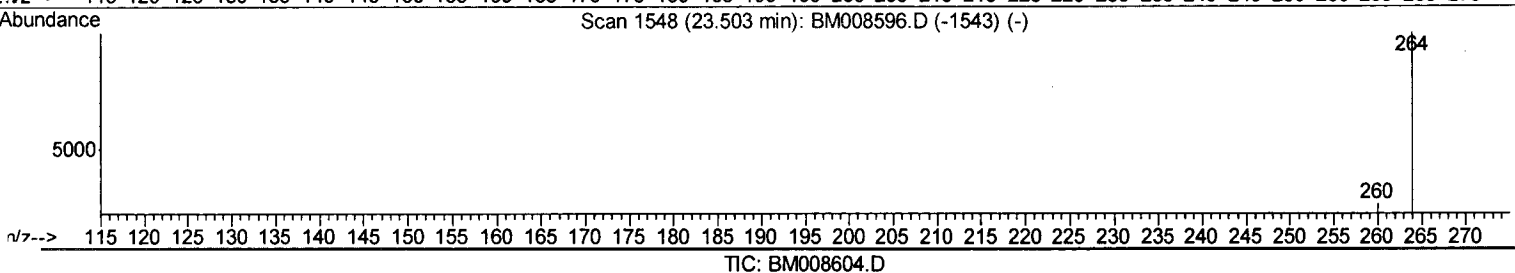
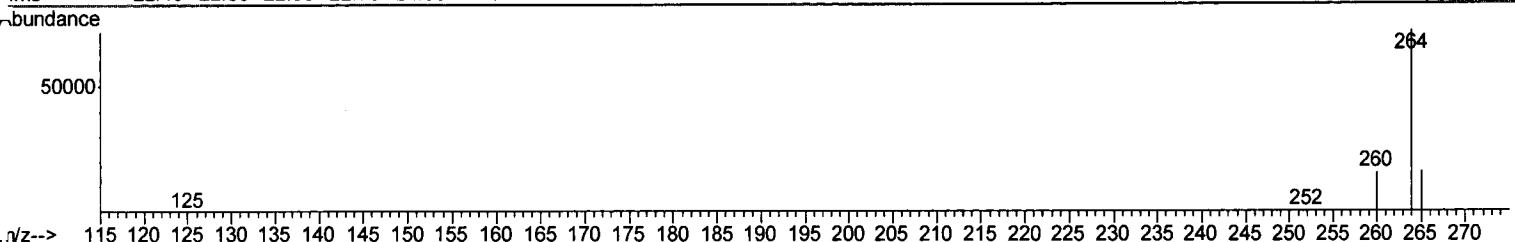
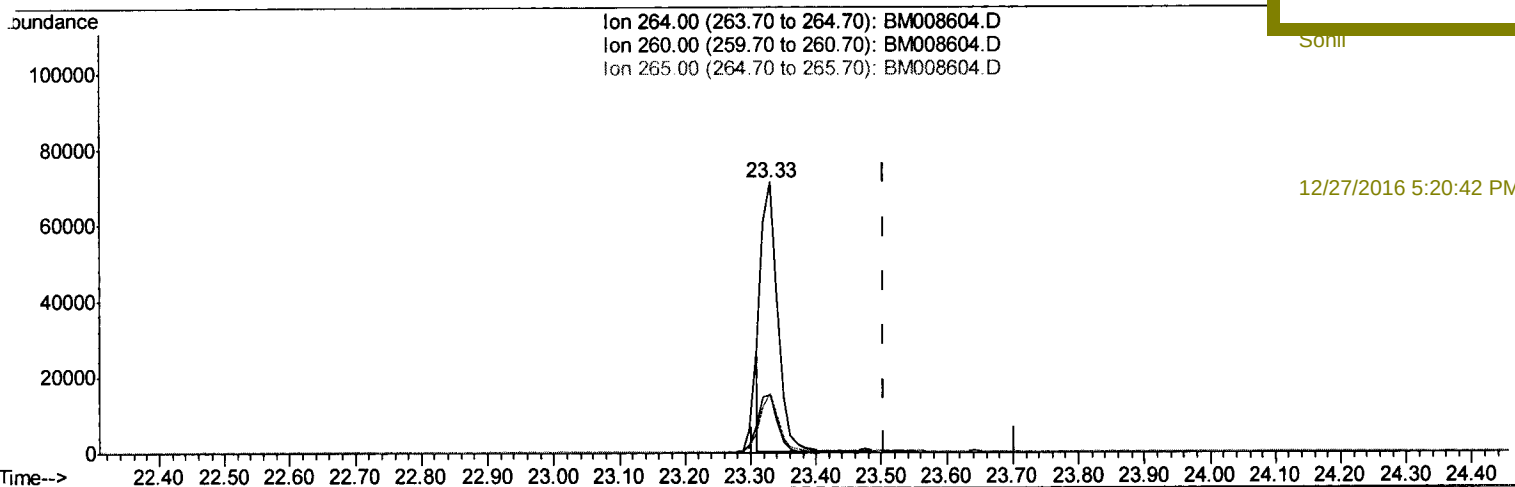
Ion	Exp%	Act%
264.00	100	100
260.00	30.10	31.28
265.00	103.50	70.85#
0.00	0.00	0.00

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(20) Perylene-d12 (I)

23.330min (-0.174) 0.40ng/ul

response 122349

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.58#
265.00	103.50	21.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

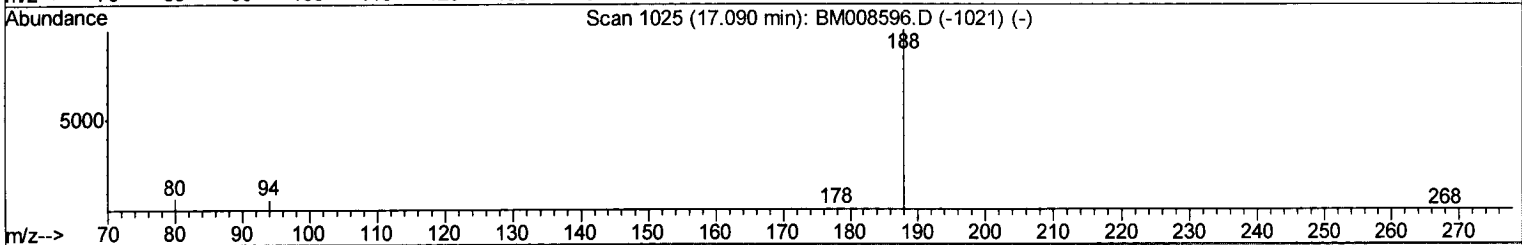
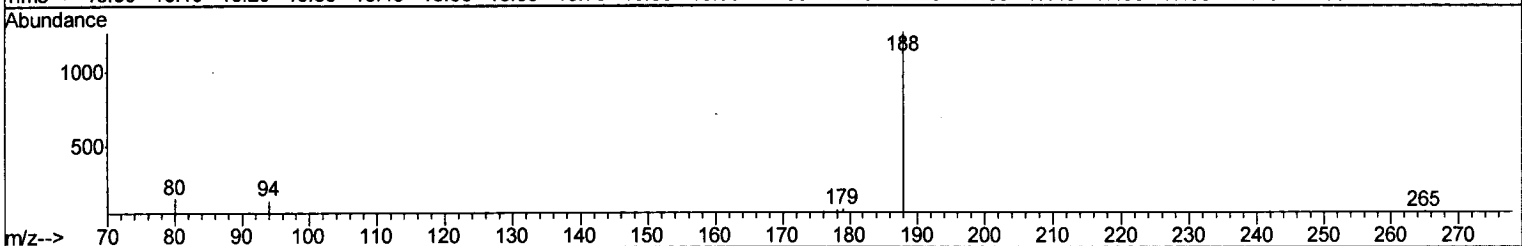
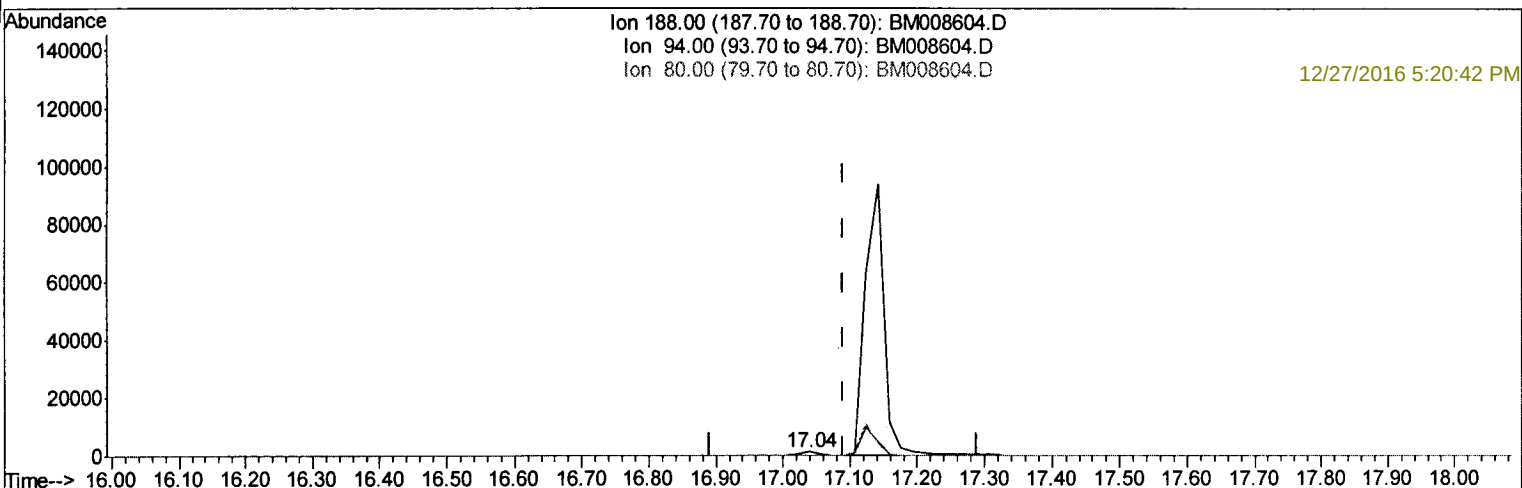
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Sonil



TIC: BM008604.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

response 1910

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.41
80.00	11.80	11.36
0.00	0.00	0.00

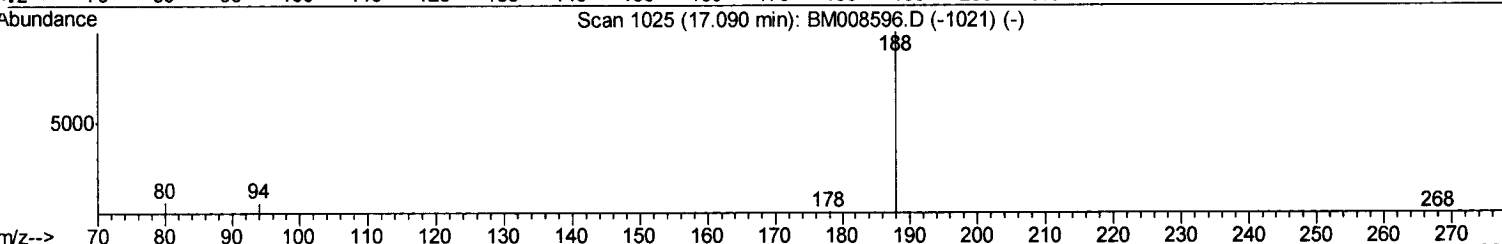
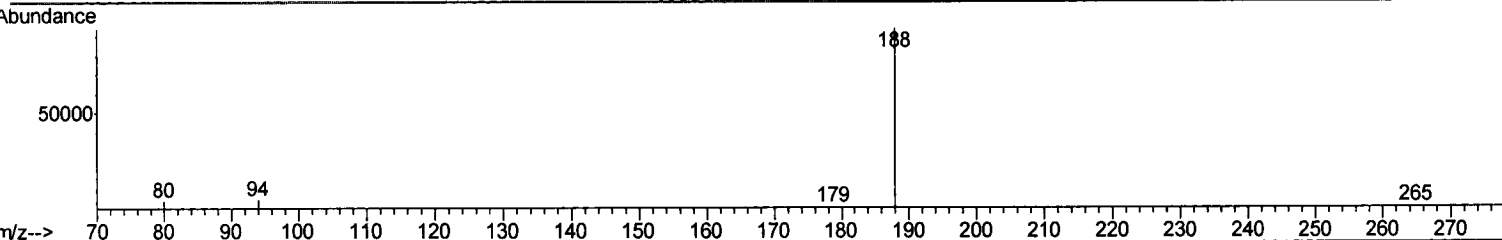
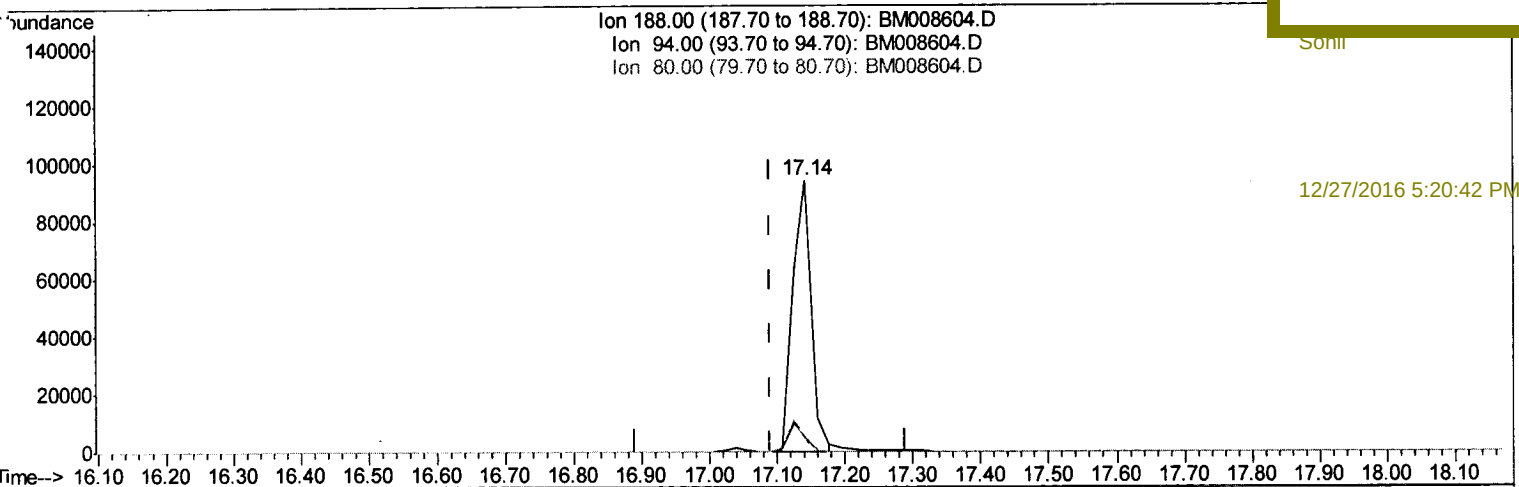
5.5
 12/27/2016

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
Data File : BM008604.D
Acq On : 23 Dec 2016 20:20
Operator : UM/SJ
Sample : H6069-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7J1

Manual Integrations
APPROVED

Quant Time: Dec 23 23:42:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 23:37:39 2016
Response via : Initial Calibration



TIC: BM008604.D

(10) Phenanthrene-d10 (I)

17.142min (+0.052) 0.40ng/ul

response 177111

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	4.80#
80.00	11.80	4.05#
0.00	0.00	0.00

ta Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 ta File : BM008604.D
 q On : 23 Dec 2016 20:20
 erator : UM/SJ
 mple : H6069-03
 sc :
 S Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J1

Manual Integrations
 APPROVED

ant Time: Dec 24 00:15:21 2016
 ant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 ant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 ast Update : Fri Dec 23 23:37:39 2016
 sponse via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	446	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1503	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	996	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1910m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	1562	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1342m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	987	0.43	ng/ul	-0.07
14) Fluoranthene-d10	19.09	212	2089m	0.40	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.46	128	2101	0.50	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	2847	1.00	ng/ul	98
12) Phenanthrene	17.07	178	3211	0.55	ng/ul	100
15) Fluoranthene	19.11	202	666	0.09	ng/ul	71
17) Pyrene	19.48	202	1213	0.20	ng/ul#	83
18) Benzo(a)anthracene	21.23	228	478	0.09	ng/ul#	52
19) Chrysene	21.29	228	629	0.11	ng/ul#	66
21) Benzo(b)fluoranthene	22.81	252	631m	0.12	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	188m	0.04	ng/ul	
23) Benzo(a)pyrene	23.37	252	453m	0.09	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	262m	0.04	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	330m	0.07	ng/ul	

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S.S. 12/27/2016 5:20:42 PM
 12/27/2016

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 12/27/2016

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
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Manual Integrations
 APPROVED

Quant Time: Dec 24 00:15:21 2016
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