

Quantitation Report (Qedit)

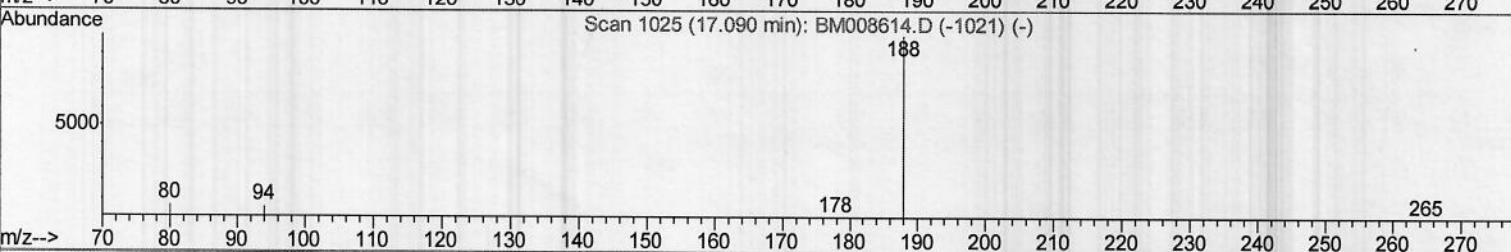
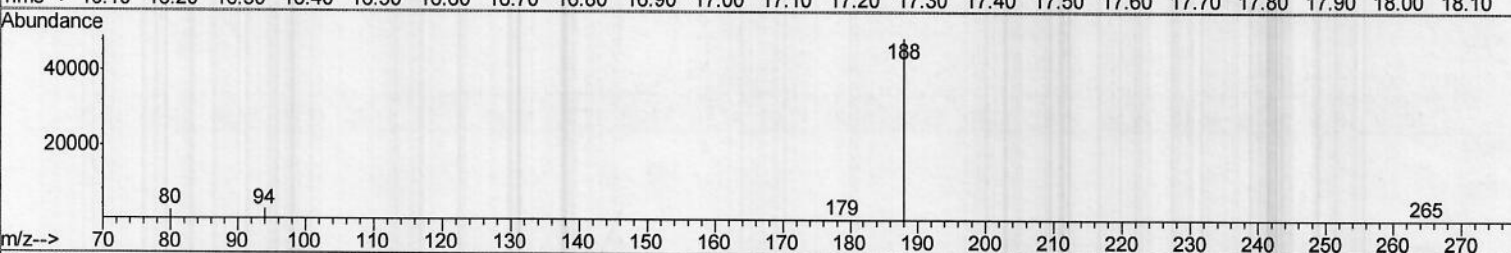
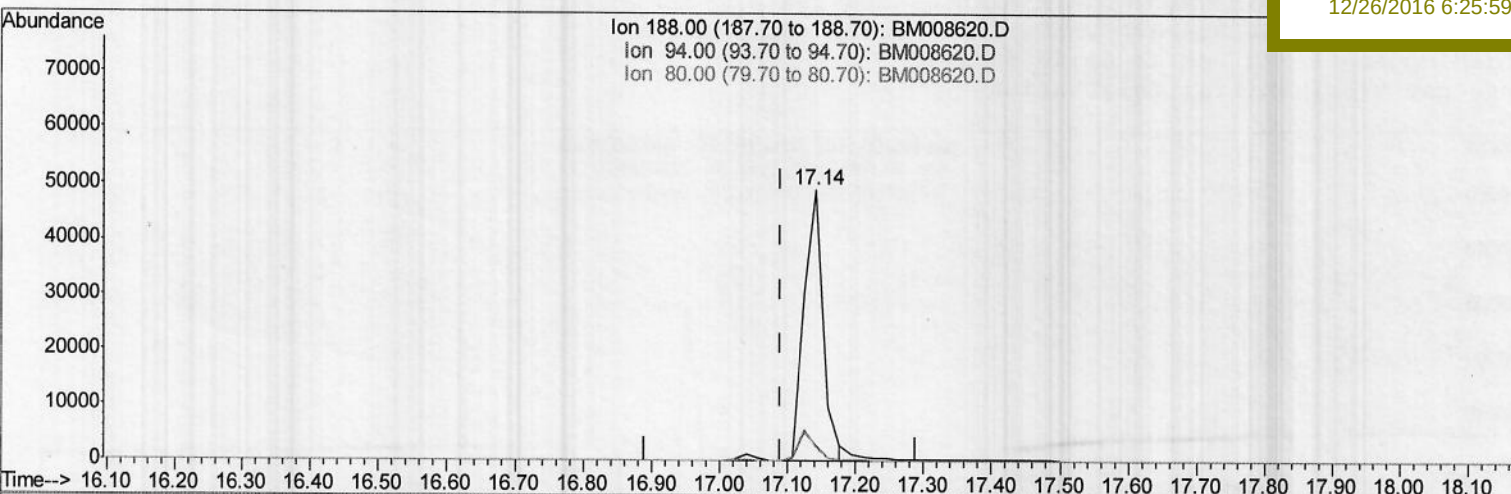
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008620.D
 Acq On : 24 Dec 2016 06:58
 Operator : UM/SJ
 Sample : H6069-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X8

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:59 PM

Quant Time: Dec 25 01:06:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008620.D

(10) Phenanthrene-d10 (I)
 17.142min (+0.052) 0.40ng/ul
 response 95012

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.53#
80.00	11.80	4.93#
0.00	0.00	0.00

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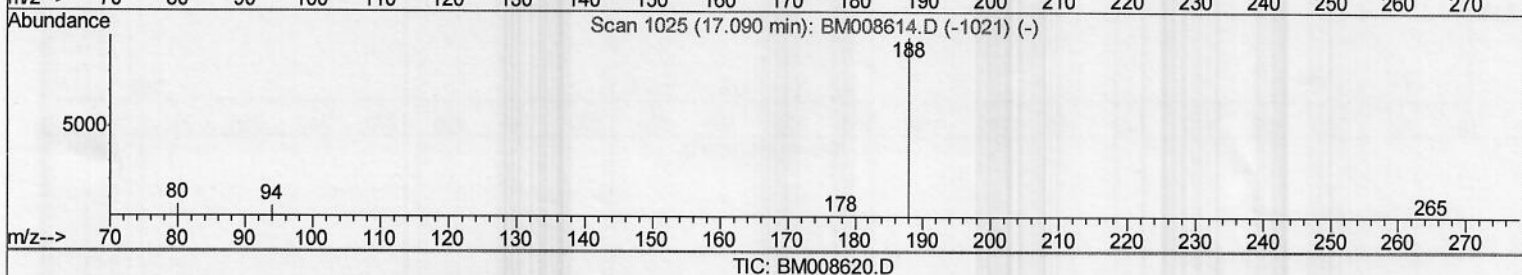
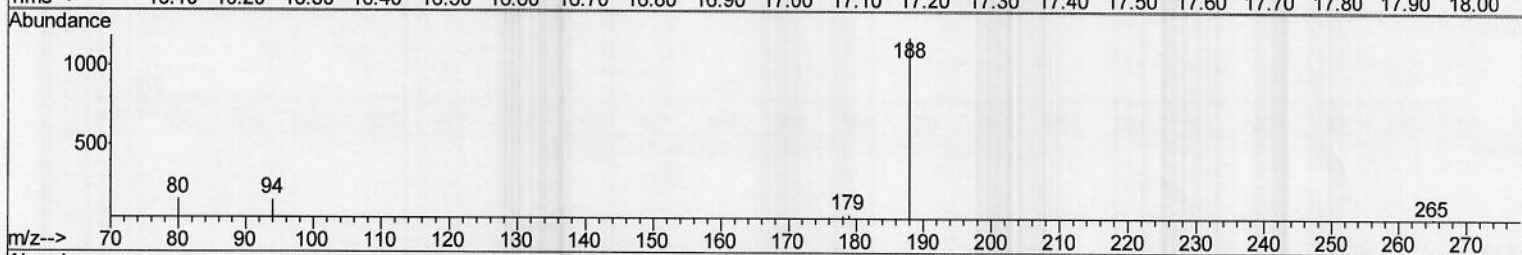
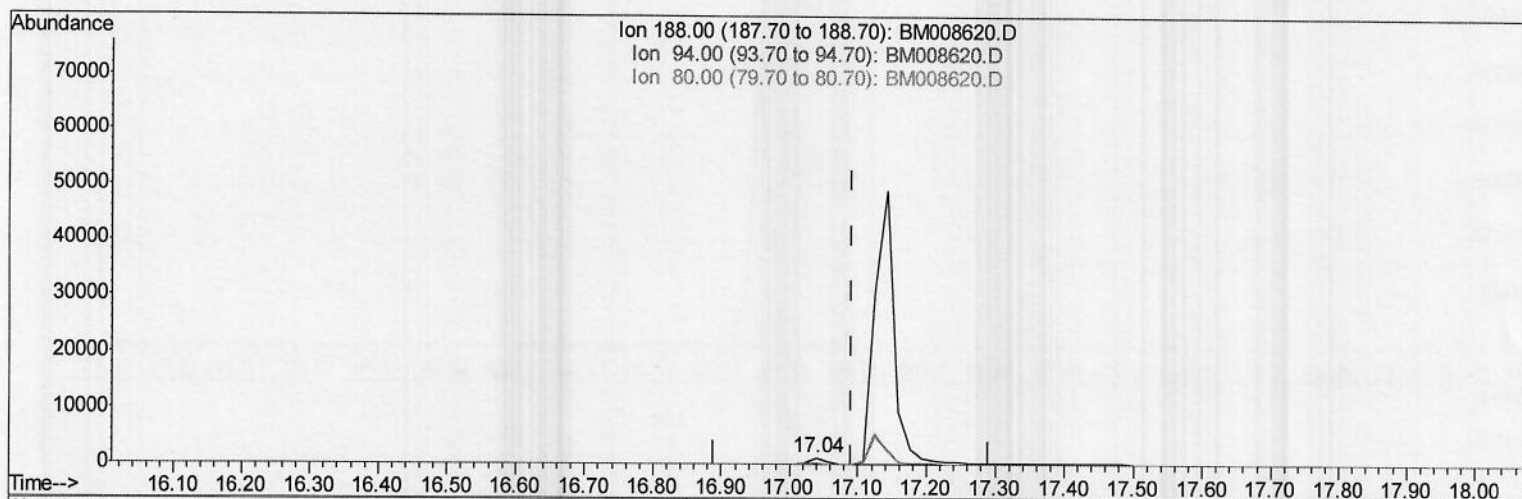
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(10) Phenanthrene-d10 (I)
 17.039min (-0.051) 0.40ng/ul m

response 1708

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.22#
80.00	11.80	13.55
0.00	0.00	0.00

Handwritten signature: SJ
 Date: 12/27/16

TIC: BM008620.D

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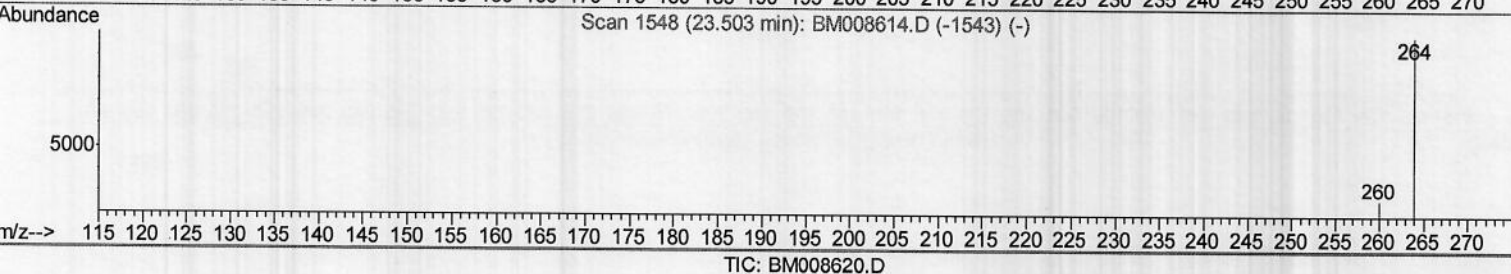
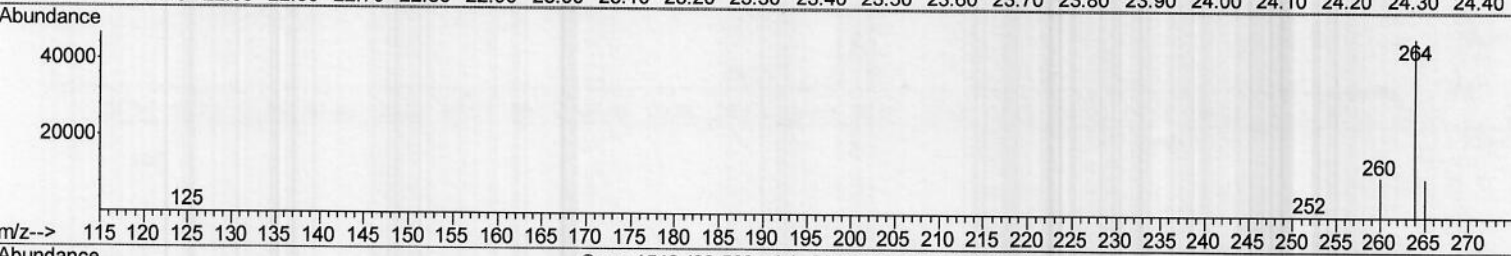
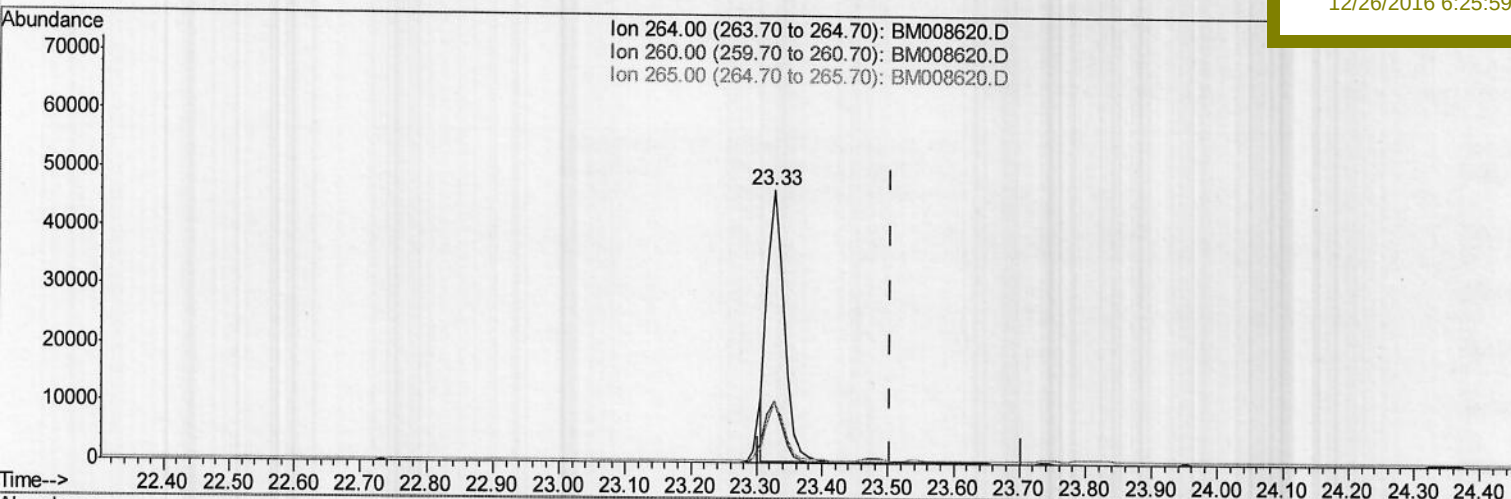
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(20) Perylene-d12 (I)

23.326min (-0.177) 0.40ng/ul

response 83887

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.29#
265.00	103.50	21.61#
0.00	0.00	0.00

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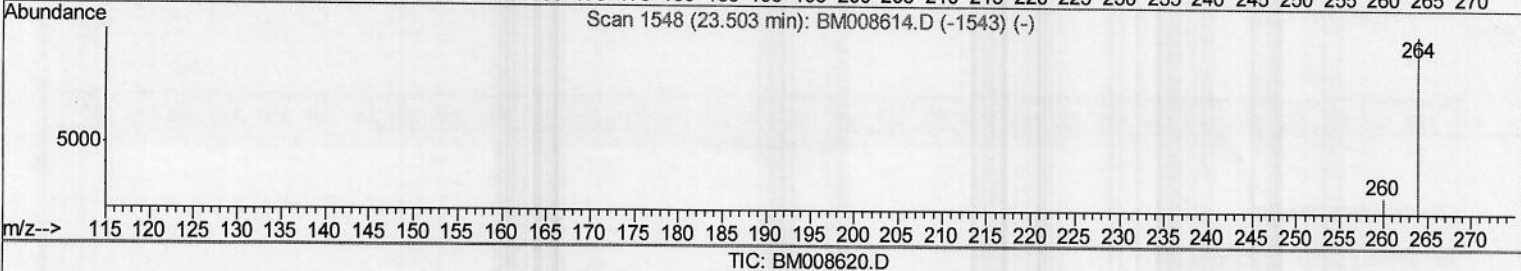
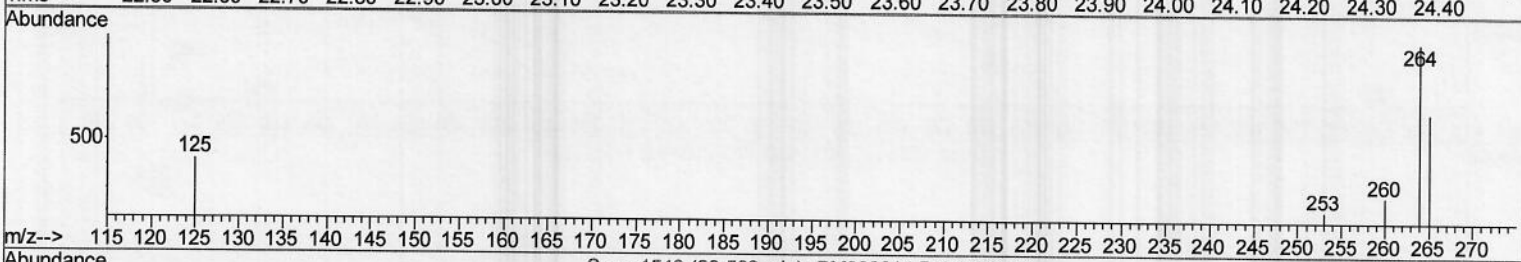
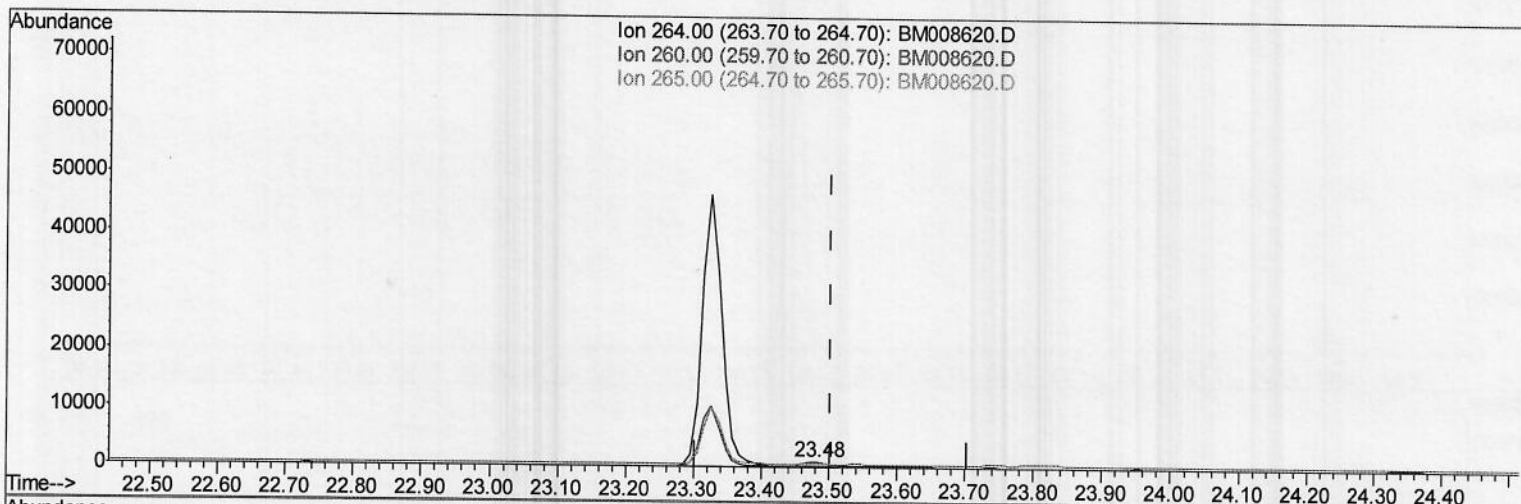
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(20) Perylene-d12 (I)

23.483min (-0.021) 0.40ng/ul m

response 1386

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.05
265.00	103.50	68.45#
0.00	0.00	0.00

75.5
 12/27/16

Quantitation Report (Qedit)

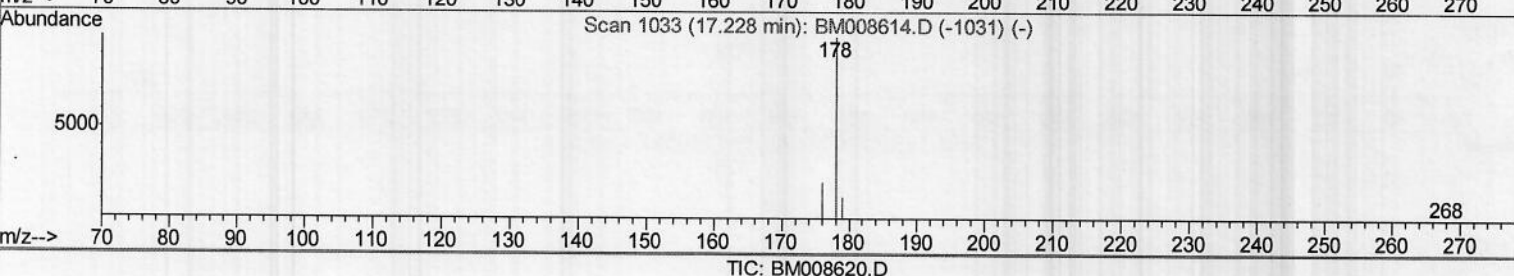
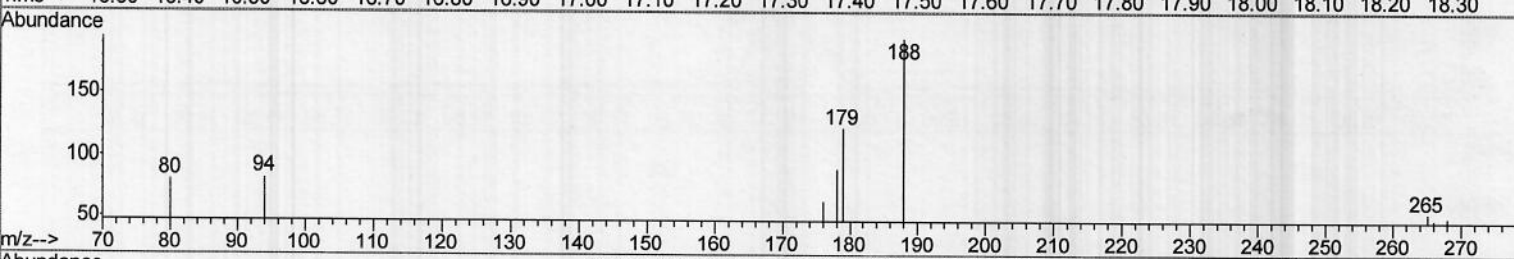
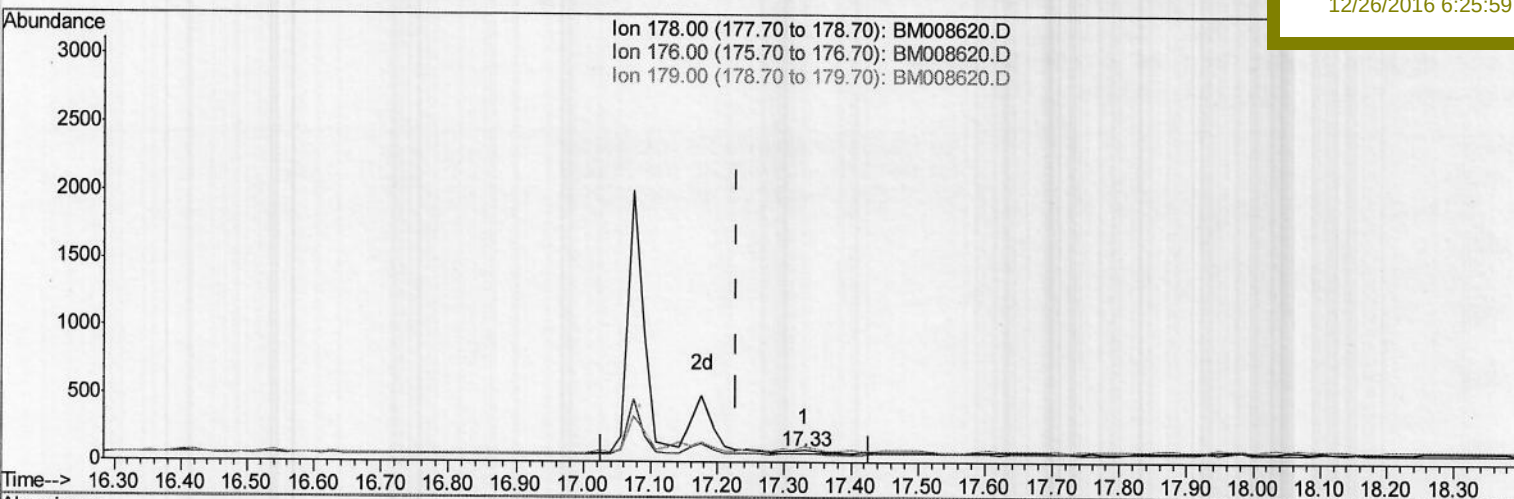
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(13) Anthracene

17.330min (+0.103) 0.01ng/ul

response 60

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	70.00#
179.00	18.40	135.56#
0.00	0.00	0.00

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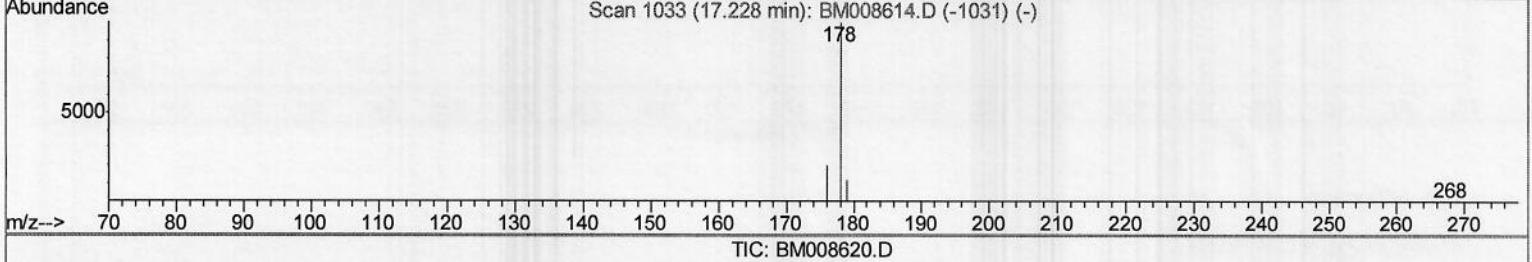
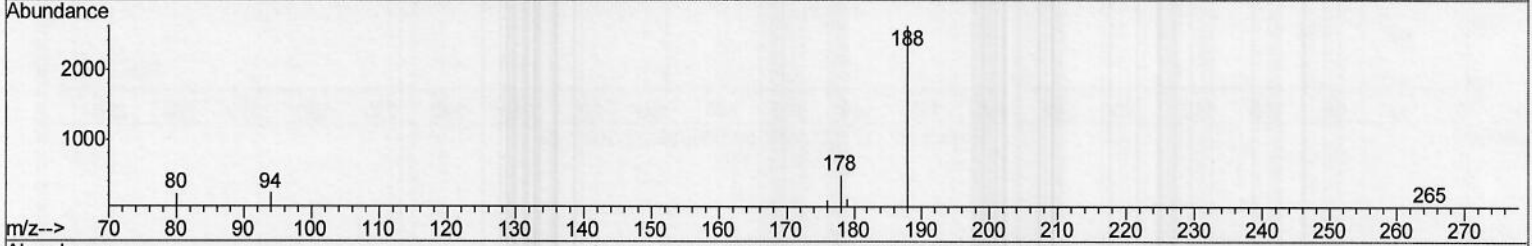
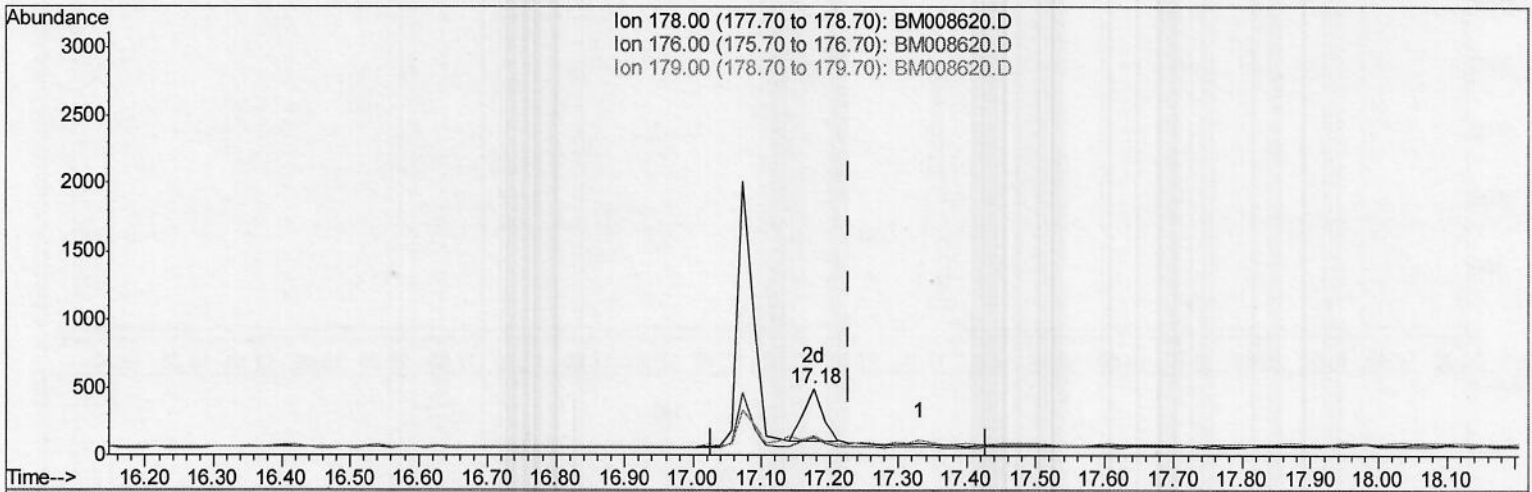
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(13) Anthracene

17.176min (-0.051) 0.15ng/ul m

response 737

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	27.07
179.00	18.40	29.90#
0.00	0.00	0.00

6.9
 12/27/16

Quantitation Report (Qedit)

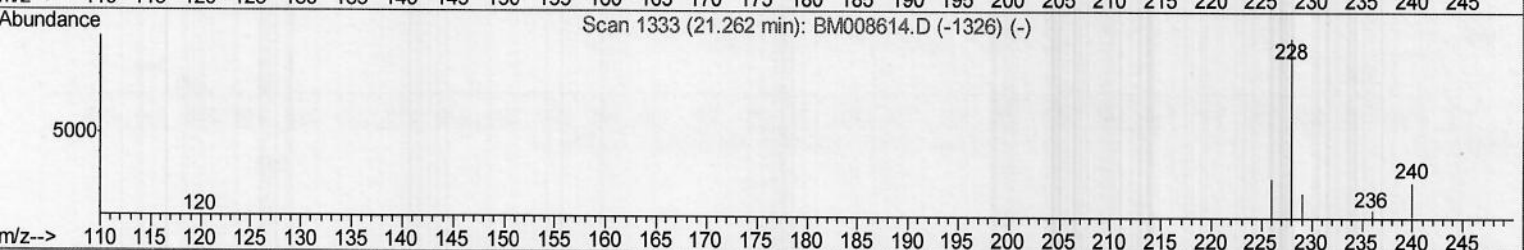
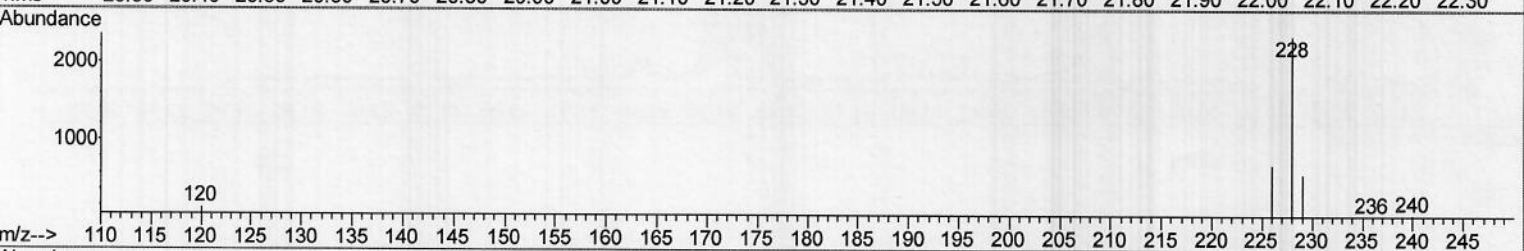
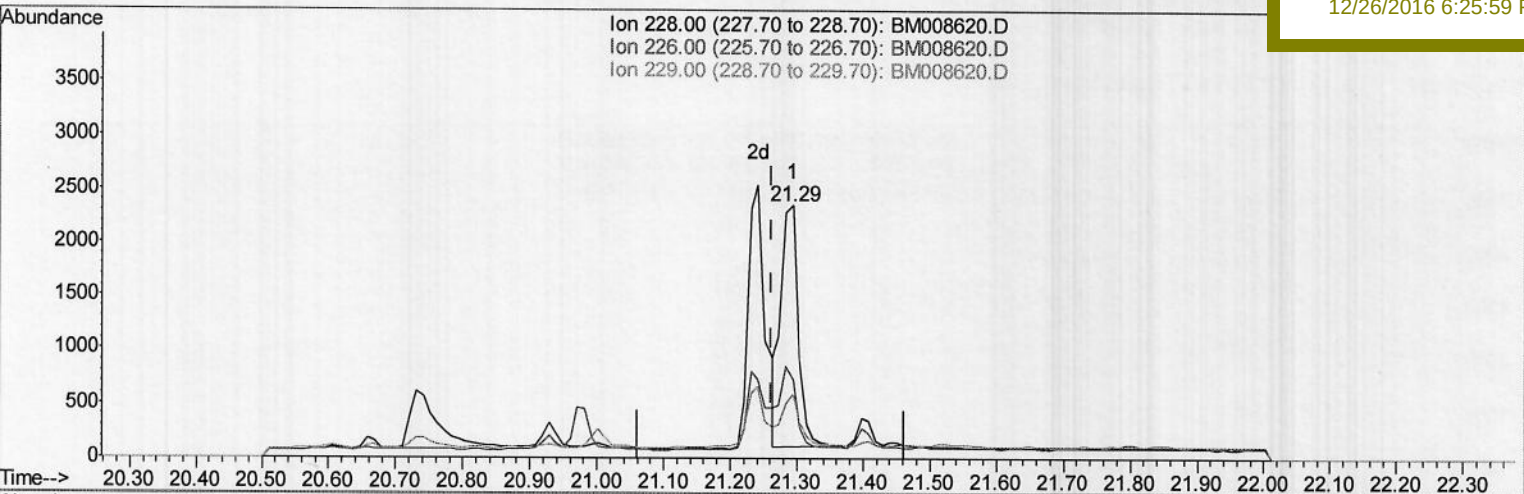
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TIC: BM008620.D

(18) Benzo(a)anthracene

21.294min (+0.031) 0.74ng/ul

response 4143

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	30.88
229.00	21.30	25.11
0.00	0.00	0.00

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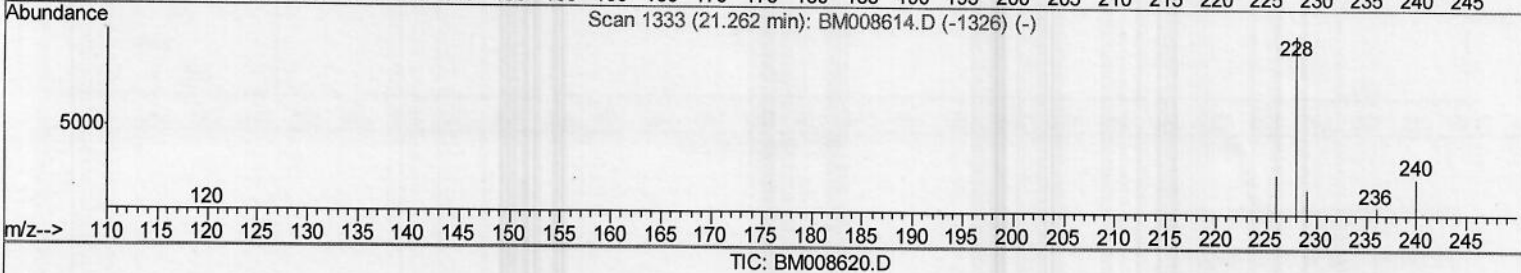
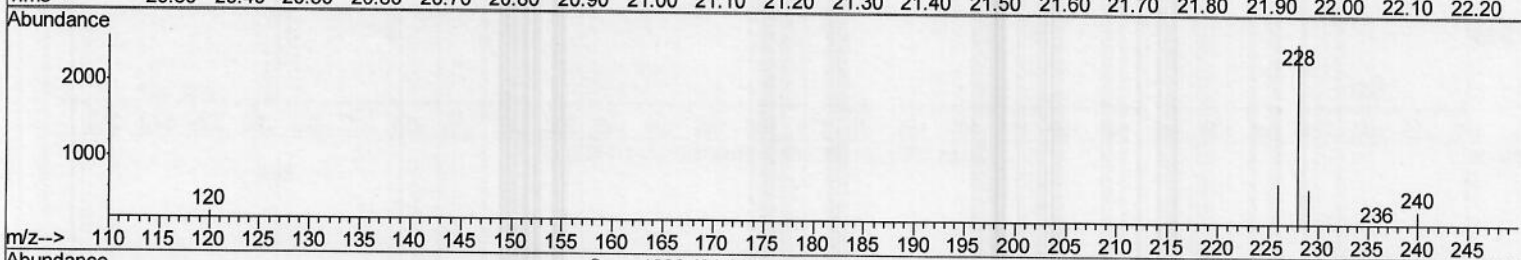
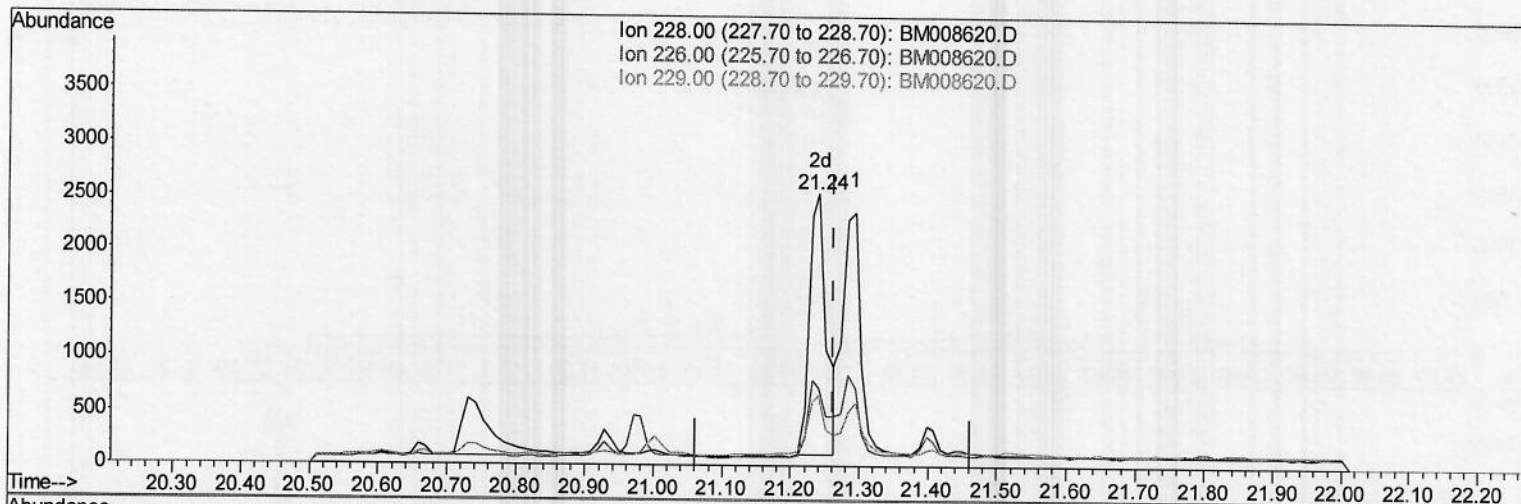
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(18) Benzo(a)anthracene

21.241min (-0.021) 0.77ng/ul m

response 4297

Ion Exp% Act%

228.00 100 100

226.00 28.50 28.85

229.00 21.30 26.01#

0.00 0.00 0.00

75.5
 12/27/16

Quantitation Report (Qedit)

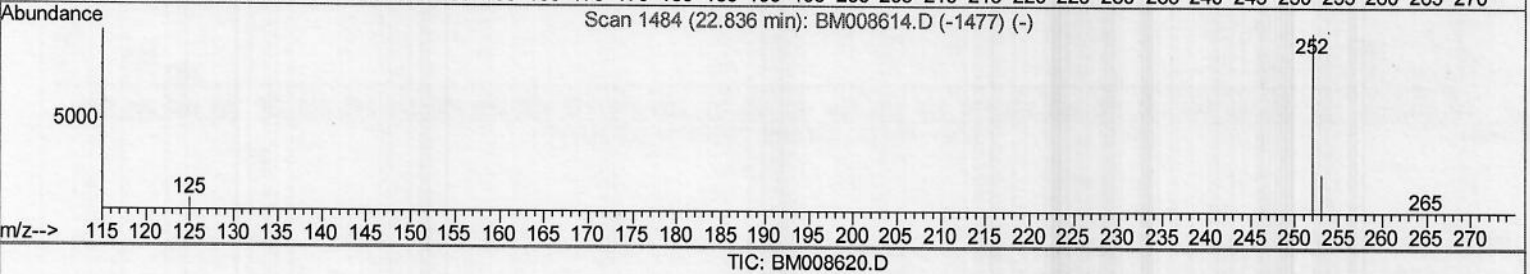
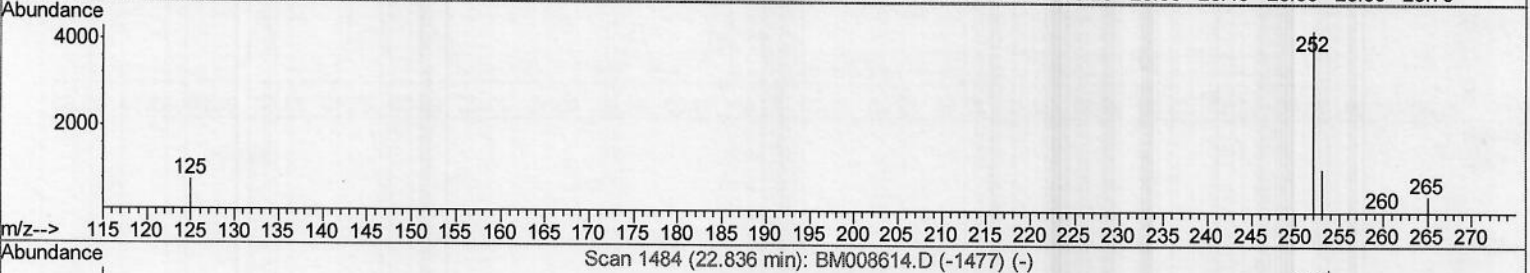
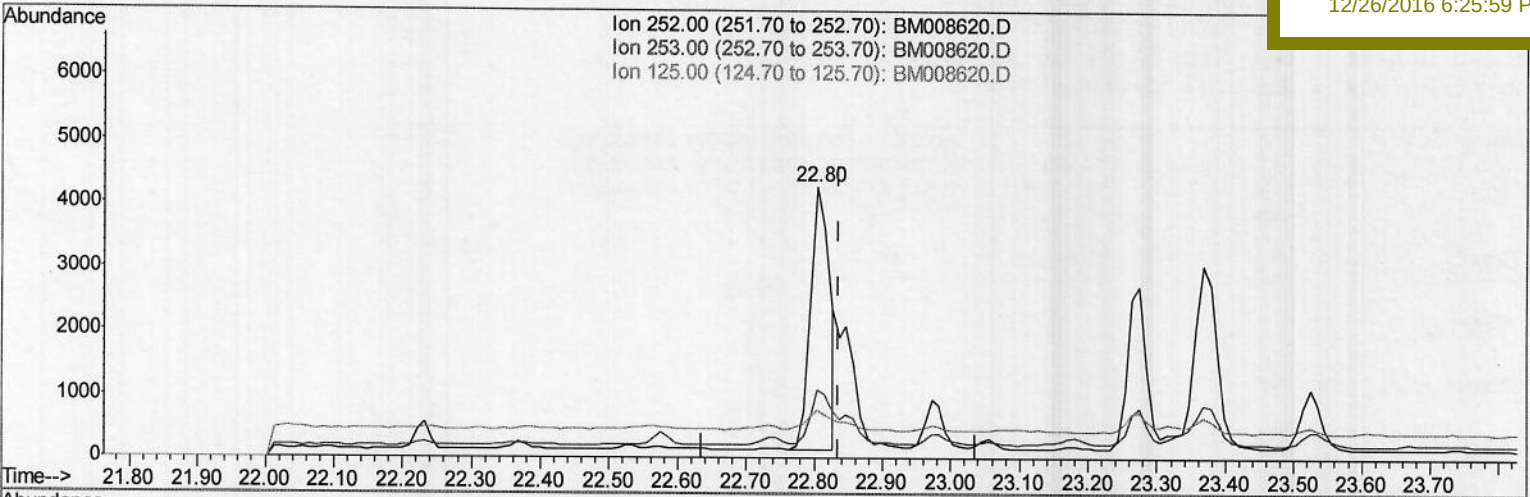
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(21) Benzo(b)fluoranthene

22.805min (-0.031) 1.49ng/ul

response 8124

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.27
125.00	17.50	17.70
0.00	0.00	0.00

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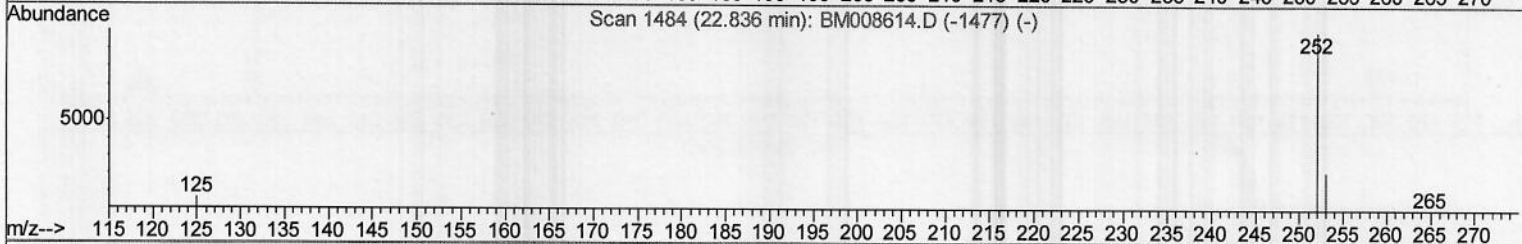
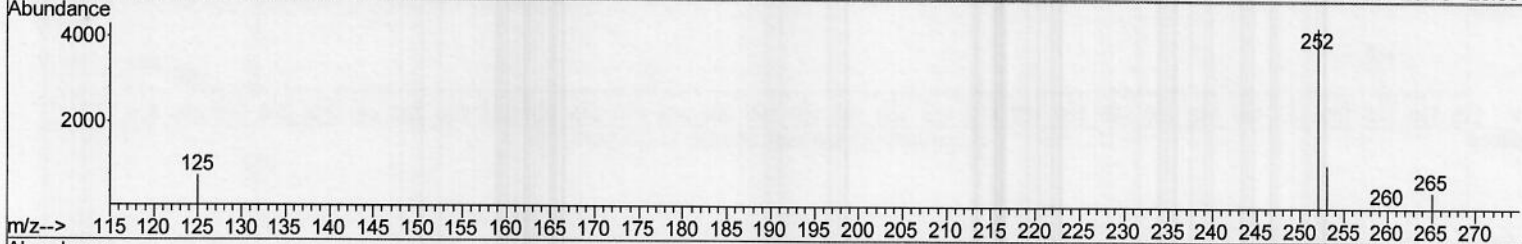
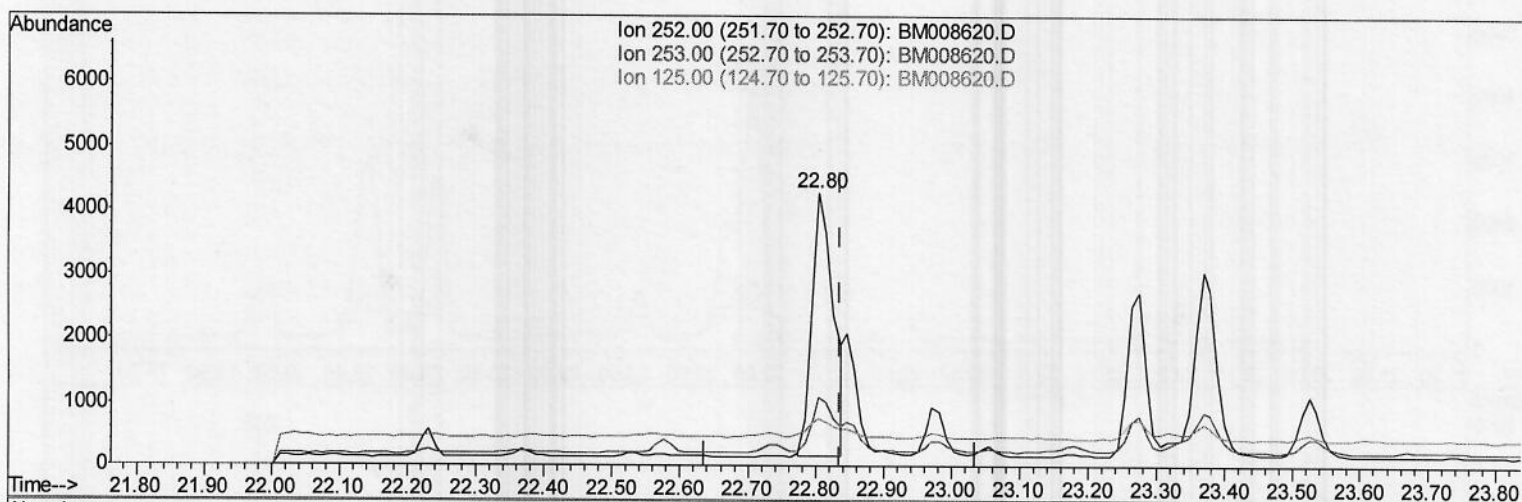
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(21) Benzo(b)fluoranthene

22.805min (-0.031) 1.68ng/ul m

response 9174

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.27
125.00	17.50	17.70
0.00	0.00	0.00

7 5.9
 12/27/16

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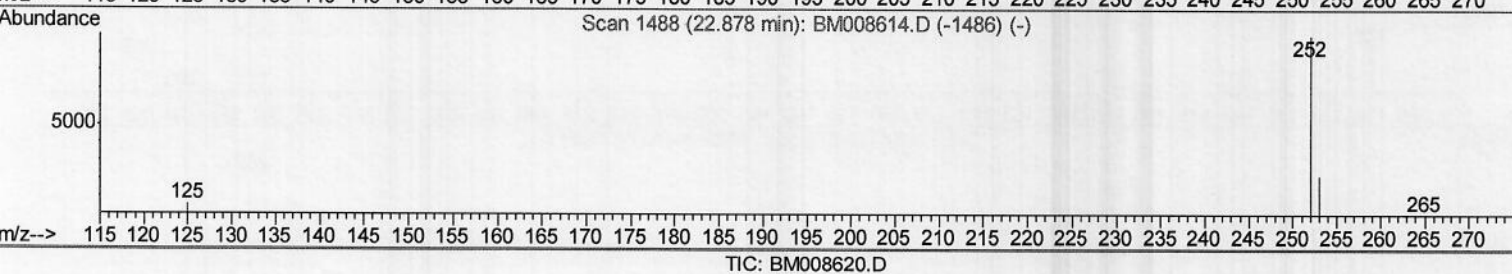
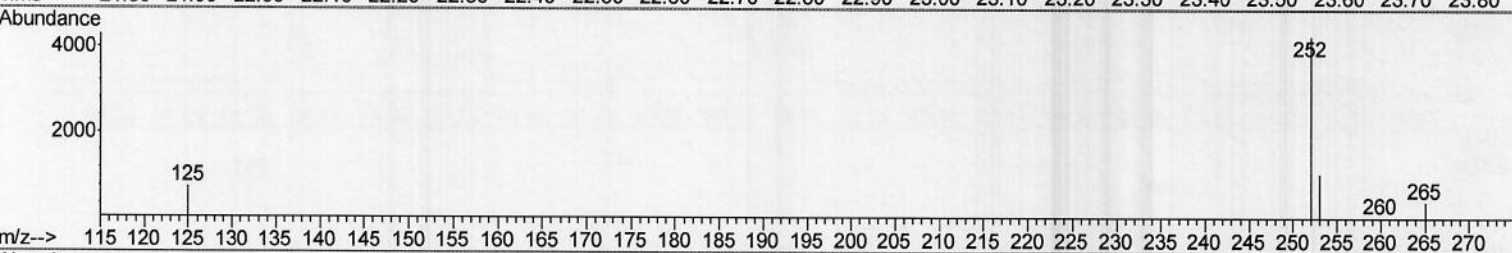
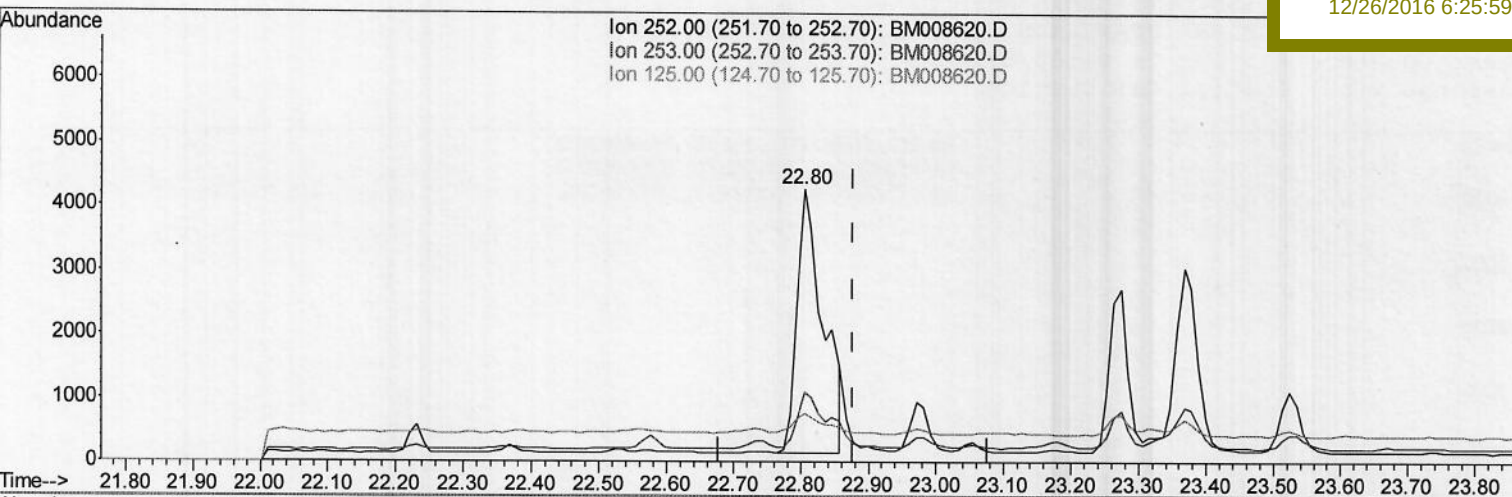
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(22) Benzo(k)fluoranthene

22.805min (-0.073) 2.12ng/ul

response 11294

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.27
125.00	17.10	17.70
0.00	0.00	0.00

Quantitation Report (Qedit)

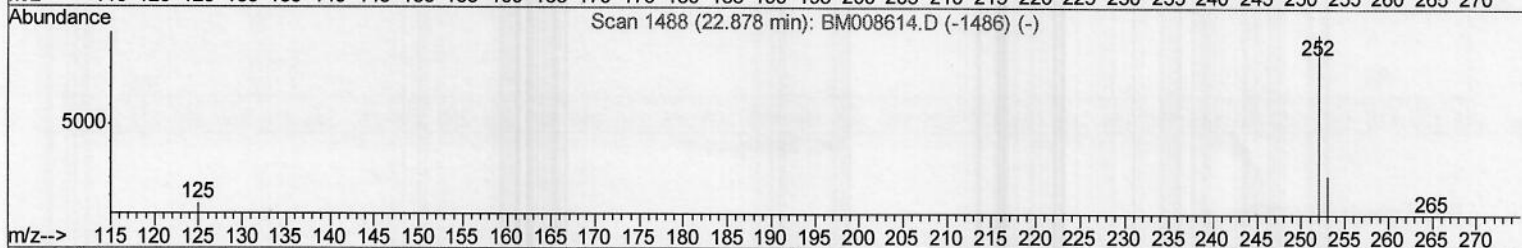
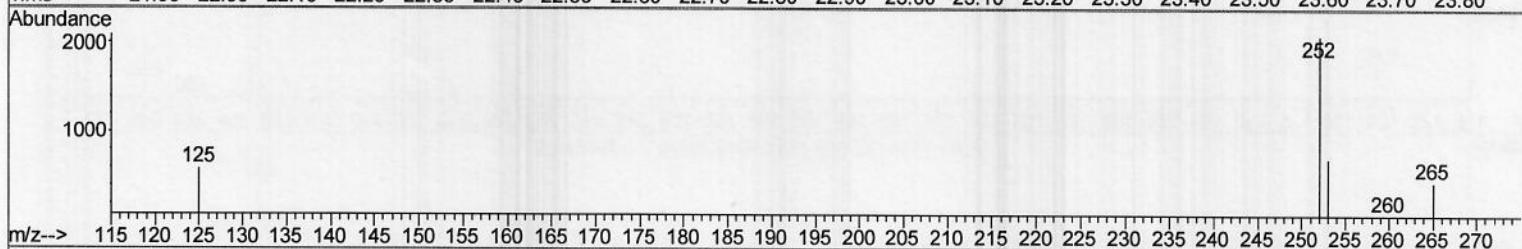
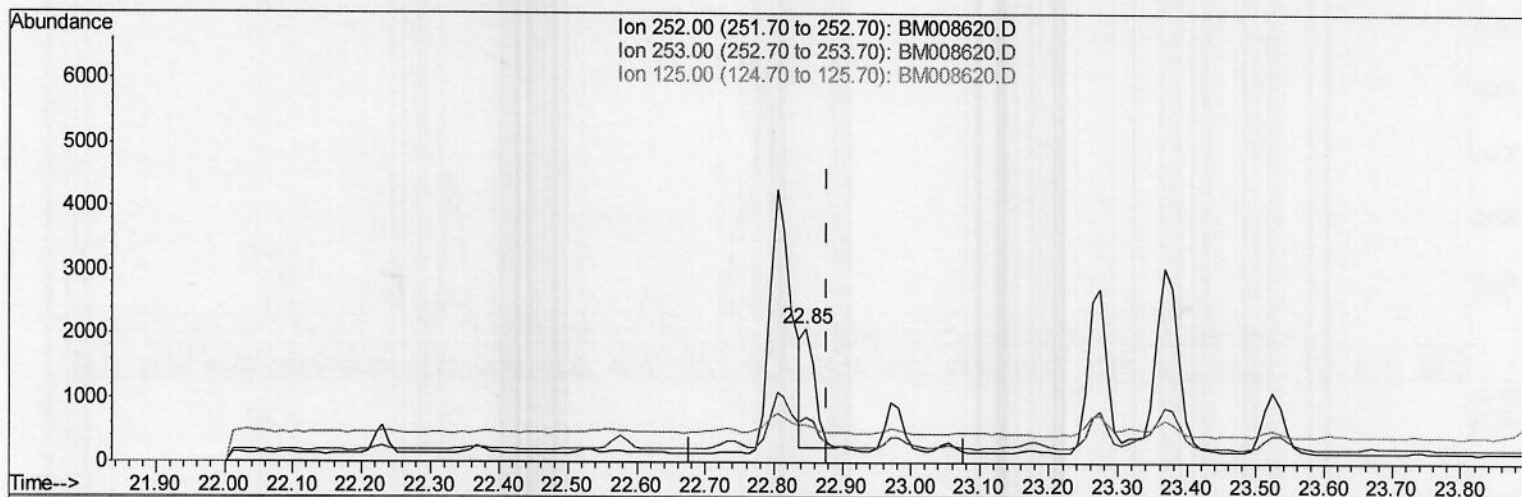
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(22) Benzo(k)fluoranthene

22.847min (-0.031) 0.43ng/ul m

response 2266

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.70
125.00	17.10	27.90#
0.00	0.00	0.00

5.5
 12/27/16

Quantitation Report (Qedit)

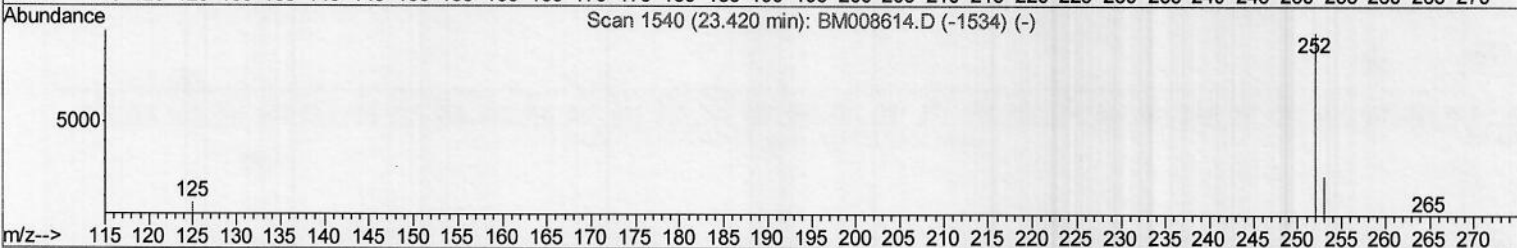
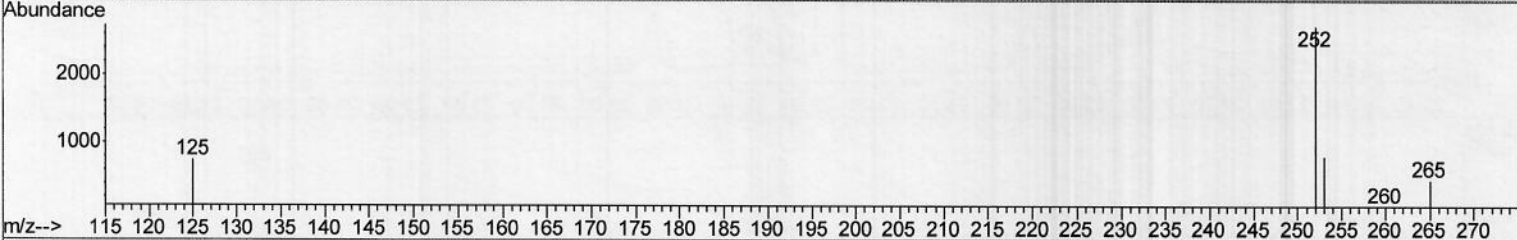
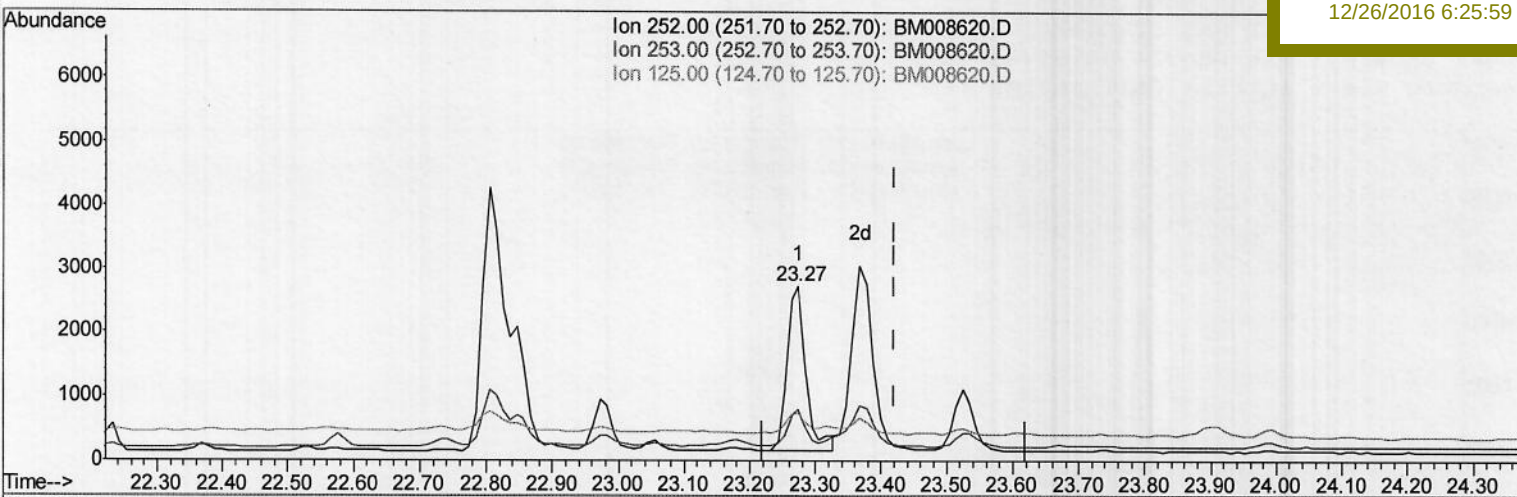
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TIC: BM008620.D

(23) Benzo(a)pyrene (C)

23.274min (-0.146) 1.03ng/ul

response 5201

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	29.43
125.00	22.60	27.08
0.00	0.00	0.00

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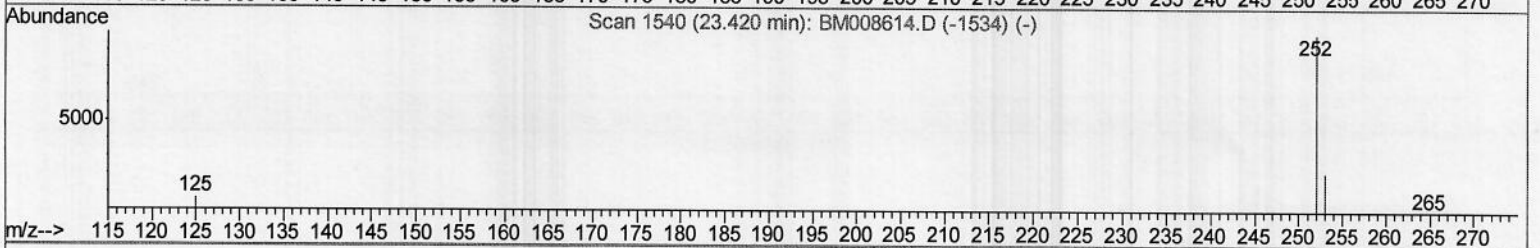
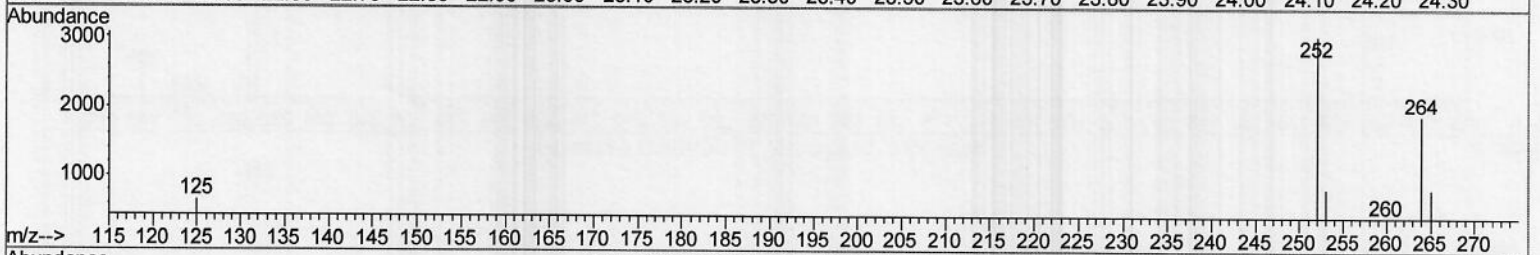
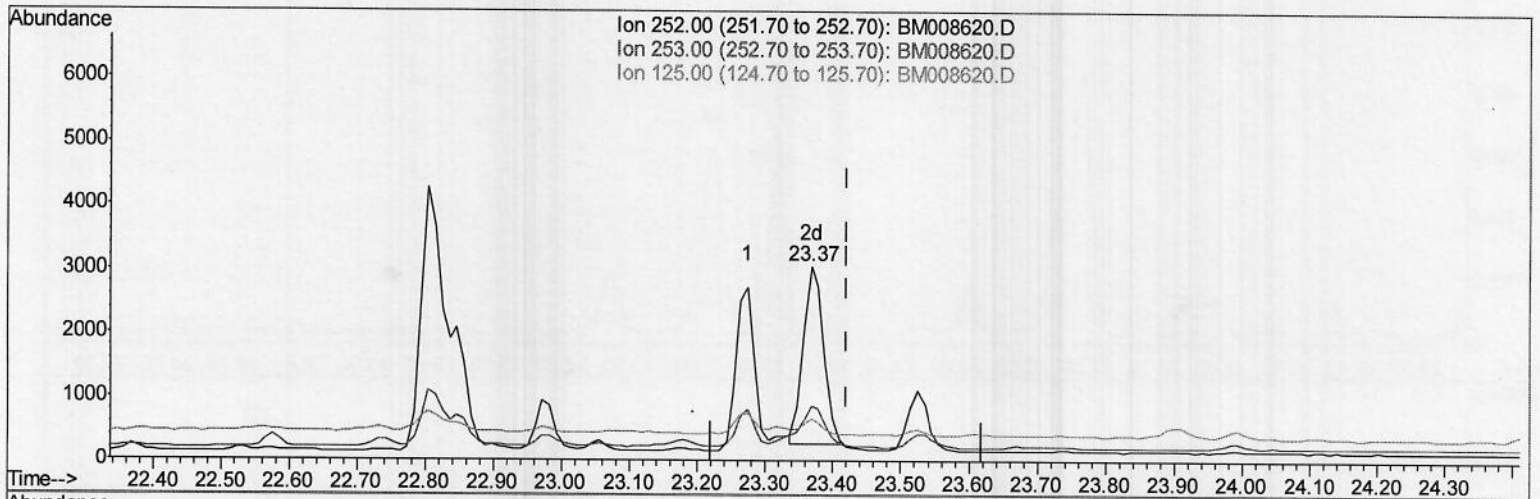
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TIC: BM008620.D

(23) Benzo(a)pyrene (C)

23.368min (-0.052) 1.15ng/ul m

response 5807

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.24#
125.00	22.60	21.48
0.00	0.00	0.00

75.7
 12/27/16

Quantitation Report (Qedit)

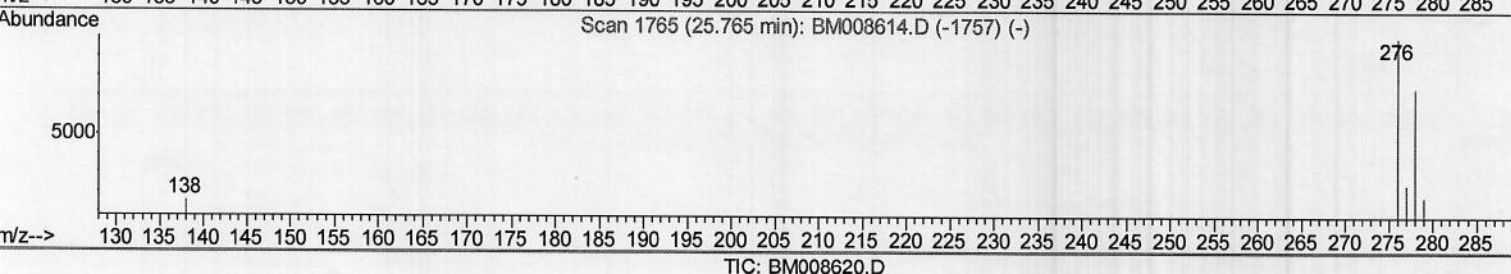
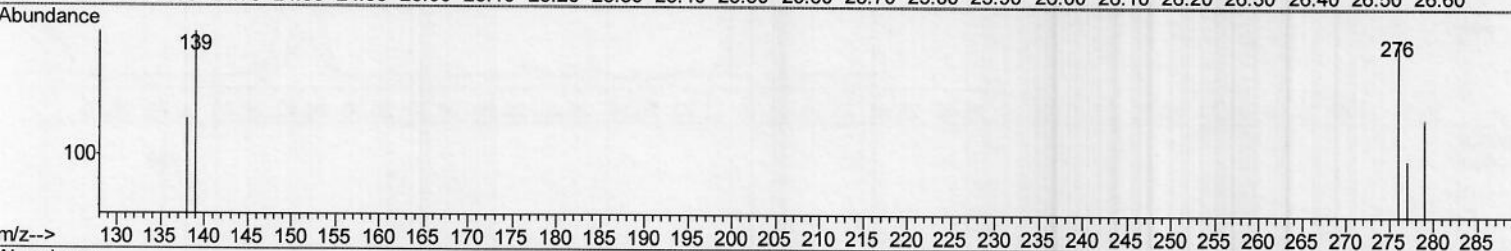
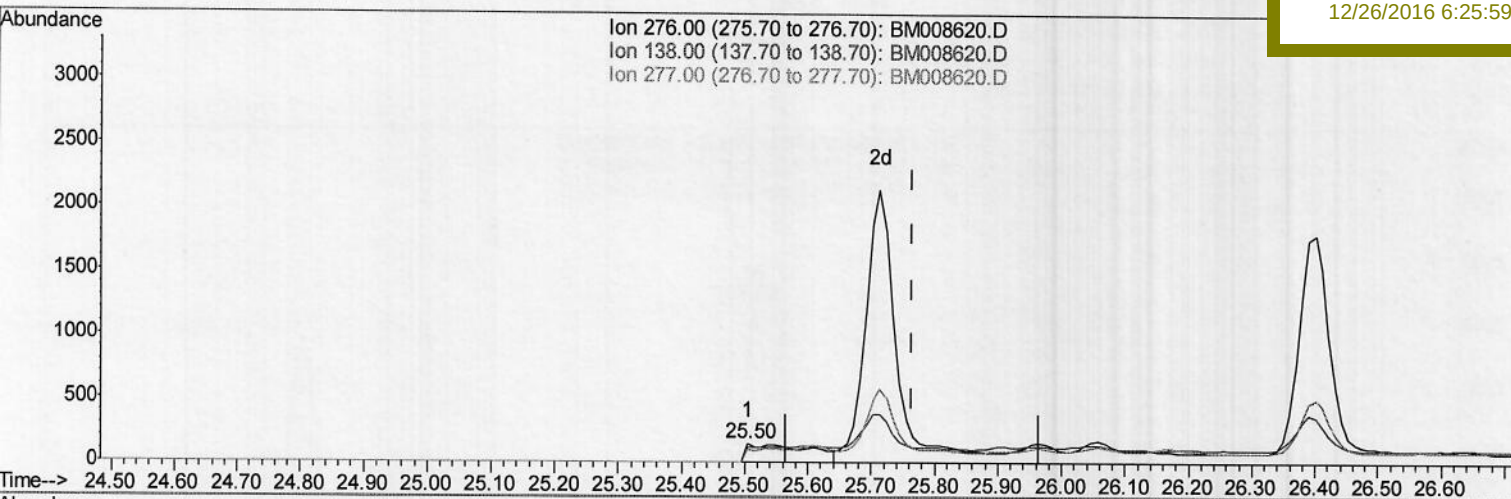
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008620.D
 Acq On : 24 Dec 2016 06:58
 Operator : UM/SJ
 Sample : H6069-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X8

Quant Time: Dec 25 01:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

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

25.505min (-0.261) 0.16ng/ul

response 992

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)

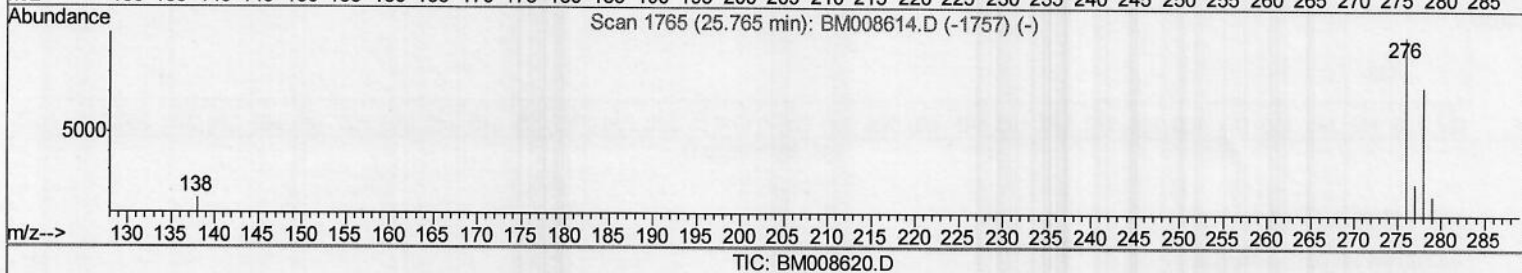
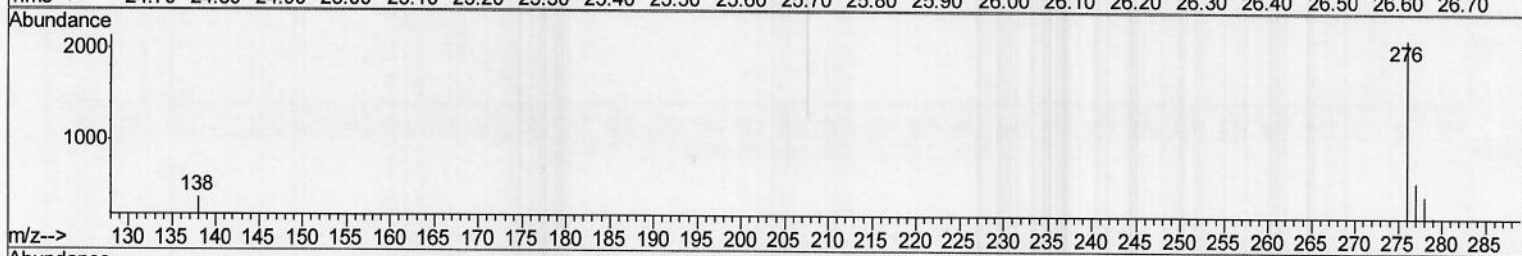
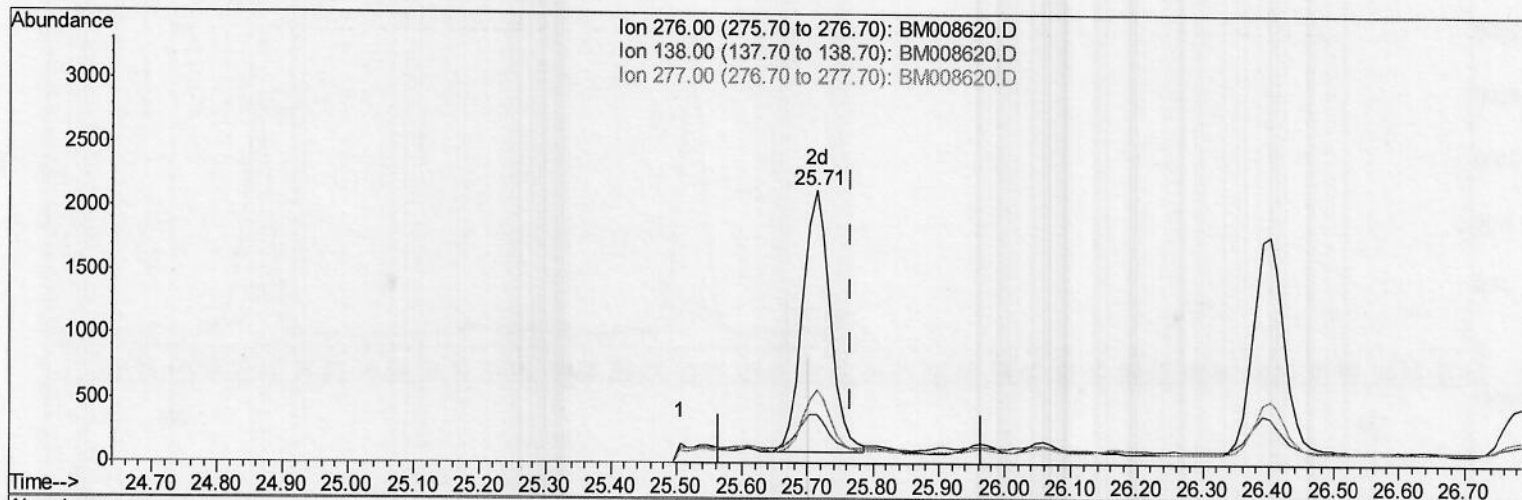
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008620.D
 Acq On : 24 Dec 2016 06:58
 Operator : UM/SJ
 Sample : H6069-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA8X8

Manual Integrations
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Quant Time: Dec 25 01:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene
 25.713min (-0.052) 1.00ng/ul m
 response 6008

75.7
 12/27/16

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)

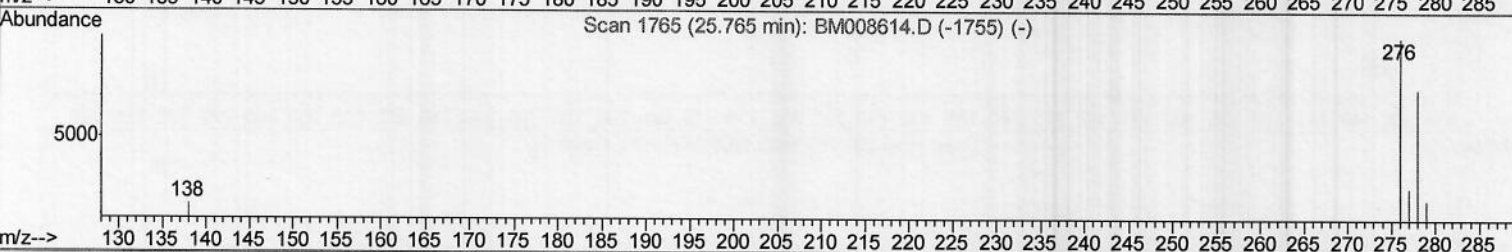
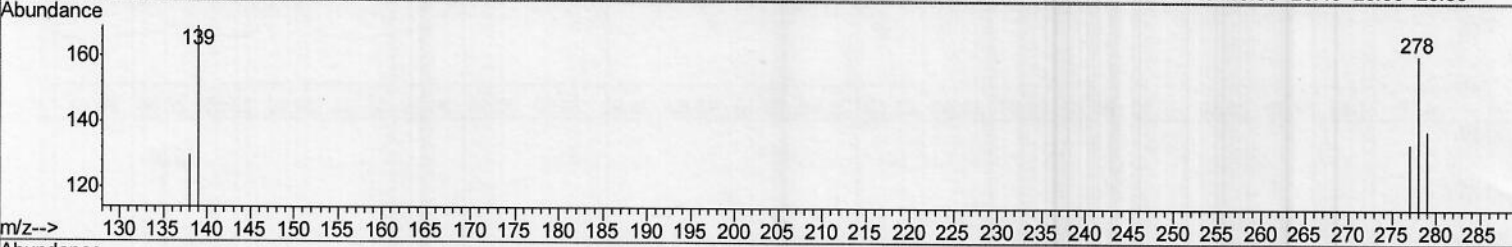
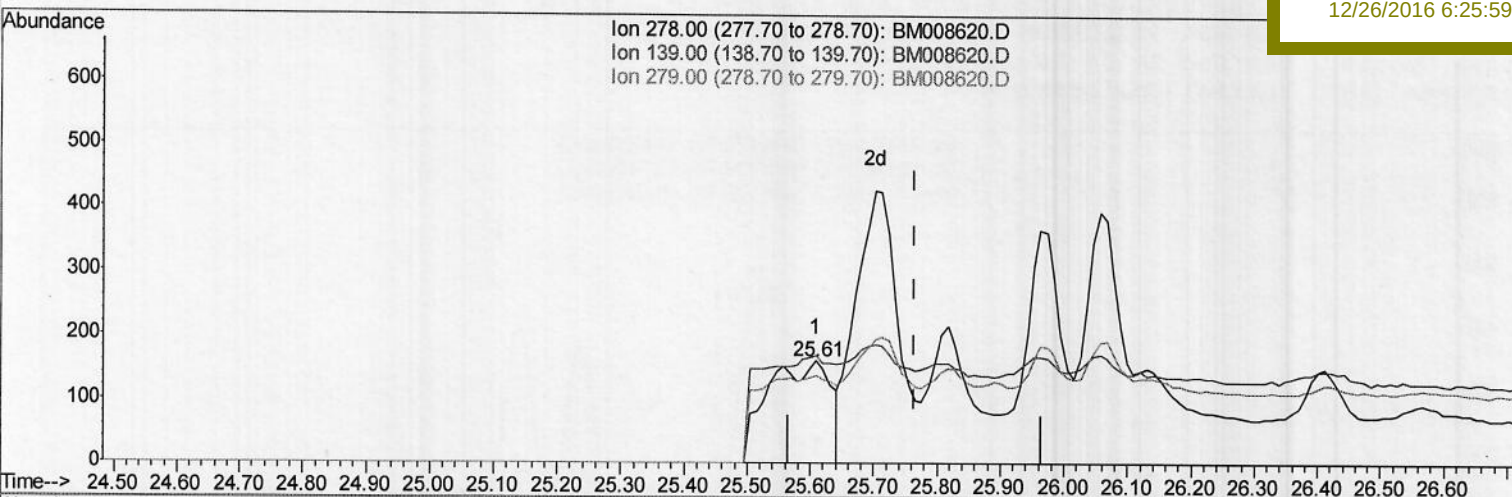
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008620.D
 Acq On : 24 Dec 2016 06:58
 Operator : UM/SJ
 Sample : H6069-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 25 01:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA8X8

Manual Integrations
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TIC: BM008620.D

(25) Dibenzo(a,h)anthracene

25.609min (-0.156) 0.23ng/ul

response 1108

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	104.97#
279.00	32.40	85.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

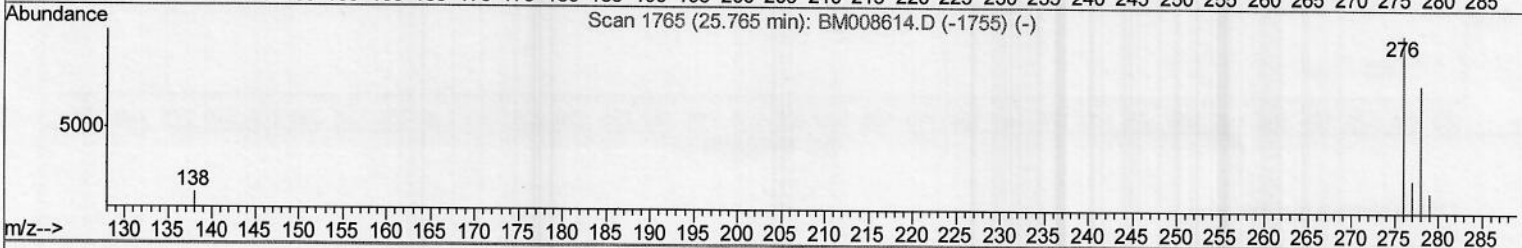
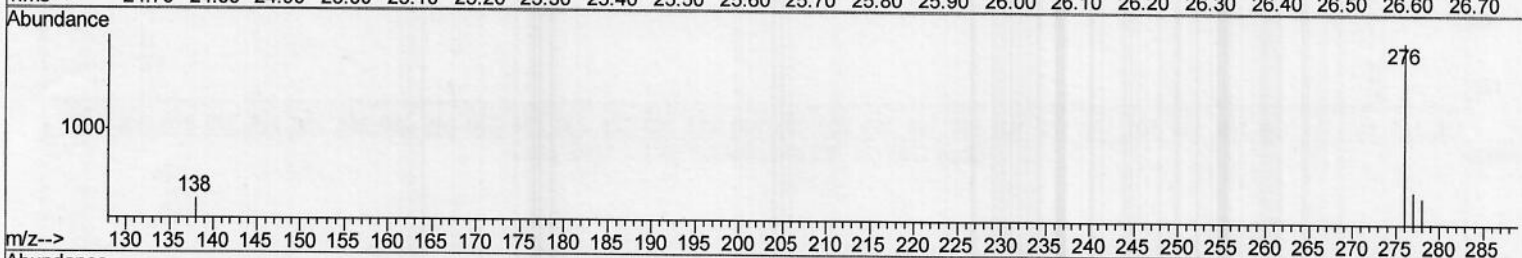
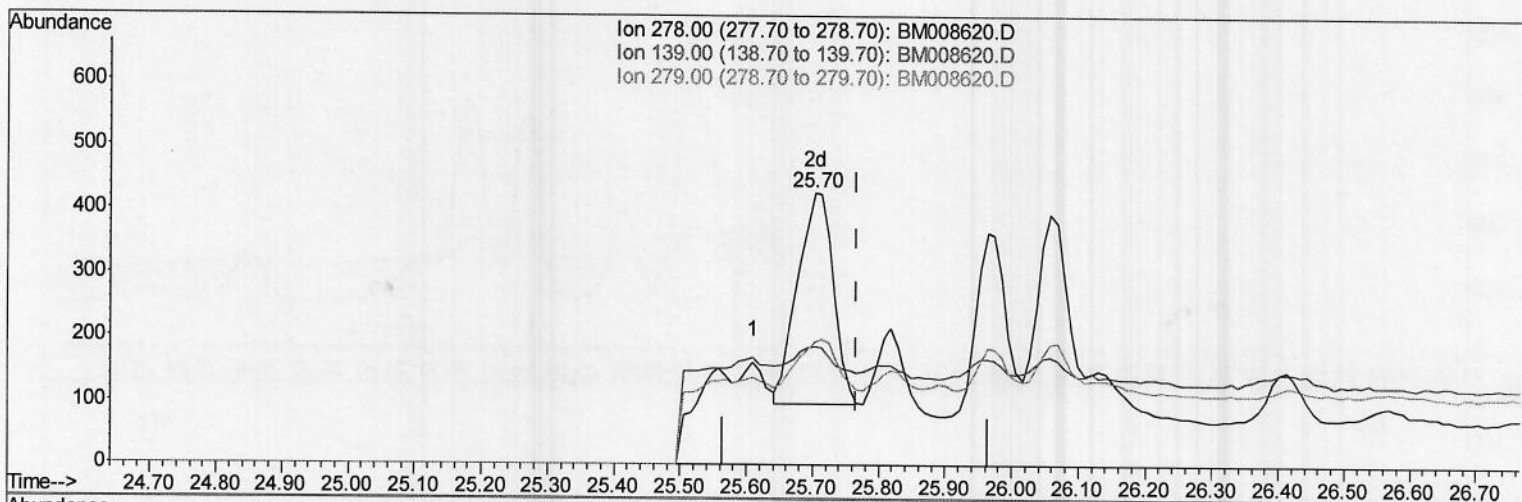
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008620.D
 Acq On : 24 Dec 2016 06:58
 Operator : UM/SJ
 Sample : H6069-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X8

Manual Integrations
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Quant Time: Dec 25 01:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008620.D

(25) Dibenzo(a,h)anthracene

25.703min (-0.062) 0.26ng/ul m

response 1242

Ion Exp% Act%

278.00 100 100

139.00 21.70 43.69#

279.00 32.40 45.33#

0.00 0.00 0.00

25.7
 12/27/16

Quantitation Report (Qedit)

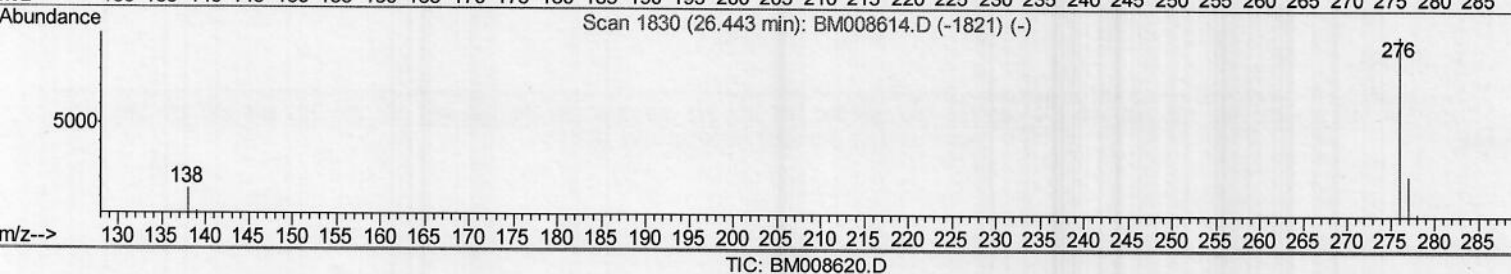
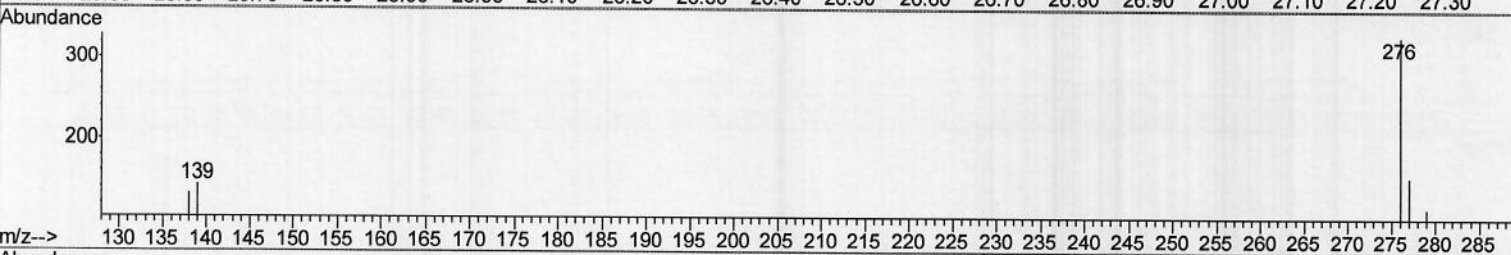
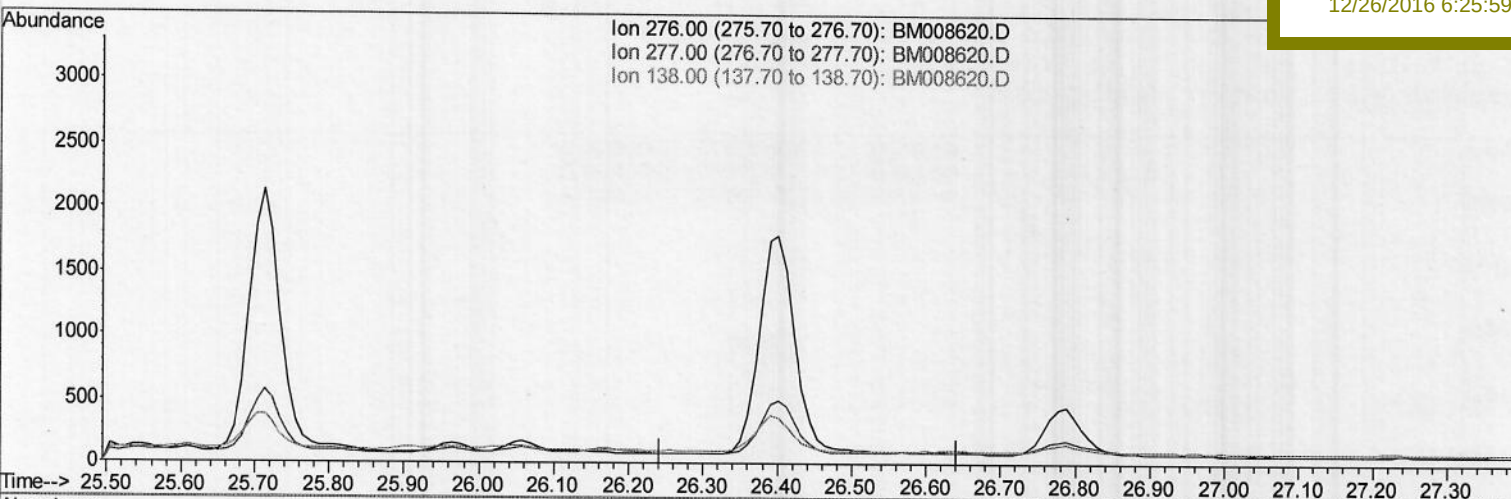
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008620.D
 Acq On : 24 Dec 2016 06:58
 Operator : UM/SJ
 Sample : H6069-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X8

Quant Time: Dec 25 01:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

Manual Integrations
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(26) Benzo(g,h,i)perylene
 26.443min (-26.443) 0.00ng/ul
 response 0

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

Quantitation Report (Qedit)

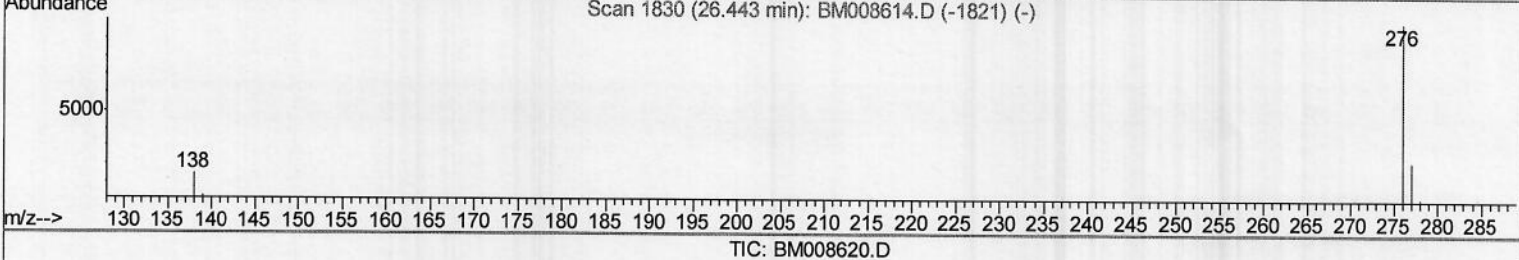
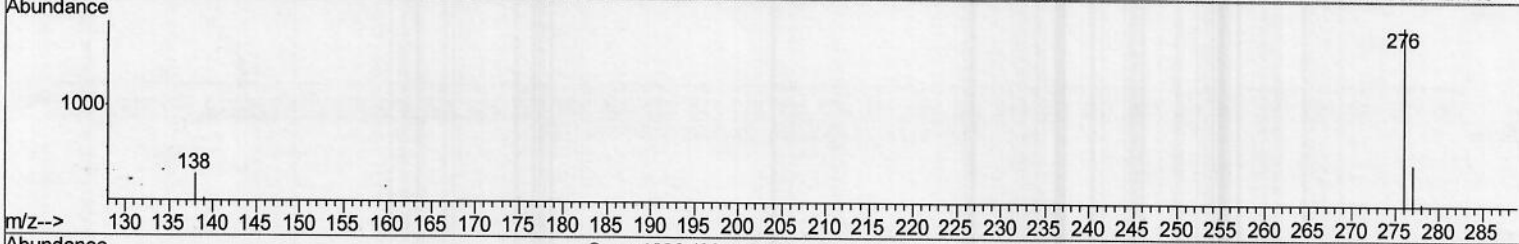
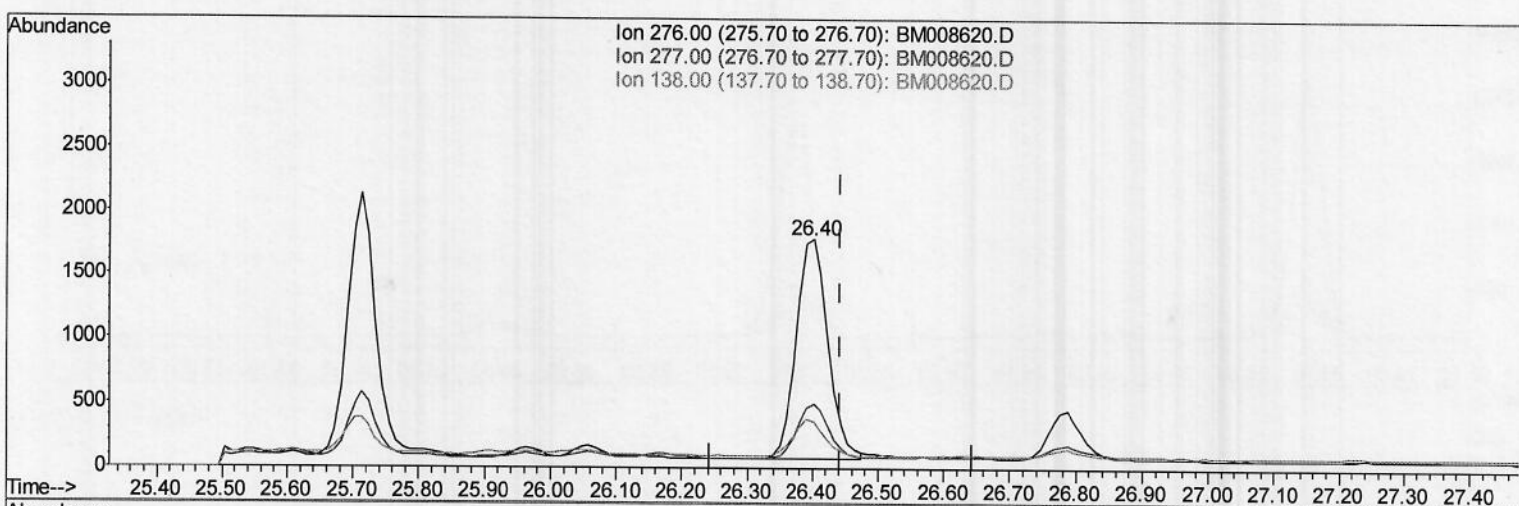
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008620.D
 Acq On : 24 Dec 2016 06:58
 Operator : UM/SJ
 Sample : H6069-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X8

Manual Integrations
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Quant Time: Dec 25 01:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008620.D

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

26.401min (-0.042) 1.10ng/ul m

response 5693

Ion Exp% Act%

276.00 100 100

277.00 27.30 27.84

138.00 25.60 20.11#

0.00 0.00 0.00

> 5.7
 12/27/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008620.D
 Acq On : 24 Dec 2016 06:58
 Operator : UM/SJ
 Sample : H6069-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X8

Manual Integrations
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Quant Time: Dec 25 01:25:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	502	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1651	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.28	164	966	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1708m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1708	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1386m	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	561	0.22	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	991	0.21	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	5698	1.23	ng/ul	97
5) 2-Methylnaphthalene	12.11	142	1850	0.59	ng/ul	100
7) Acenaphthylene	14.01	152	639	0.15	ng/ul#	77
8) Acenaphthene	14.35	153	225	0.07	ng/ul#	86
9) Fluorene	15.34	166	175	0.05	ng/ul#	75
12) Phenanthrene	17.07	178	3241	0.62	ng/ul	100
13) Anthracene	17.18	178	737m	0.15	ng/ul	
15) Fluoranthene	19.11	202	5904	0.92	ng/ul	96
17) Pyrene	19.47	202	5686	0.86	ng/ul	98
18) Benzo(a)anthracene	21.24	228	4297m	0.77	ng/ul	
19) Chrysene	21.29	228	4143	0.67	ng/ul	95
21) Benzo(b)fluoranthene	22.80	252	9174m	1.68	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	2266m	0.43	ng/ul	
23) Benzo(a)pyrene	23.37	252	5807m	1.15	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	6008m	1.00	ng/ul	
25) Dibenzo(a,h)anthracene	25.70	278	1242m	0.26	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	5693m	1.10	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008620.D
 Acq On : 24 Dec 2016 06:58
 Operator : UM/SJ
 Sample : H6069-08
 Misc :
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Instrument :
 BNA_M
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Manual Integrations
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Quant Time: Dec 25 01:25:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
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