

Quantitation Report (Qedit)

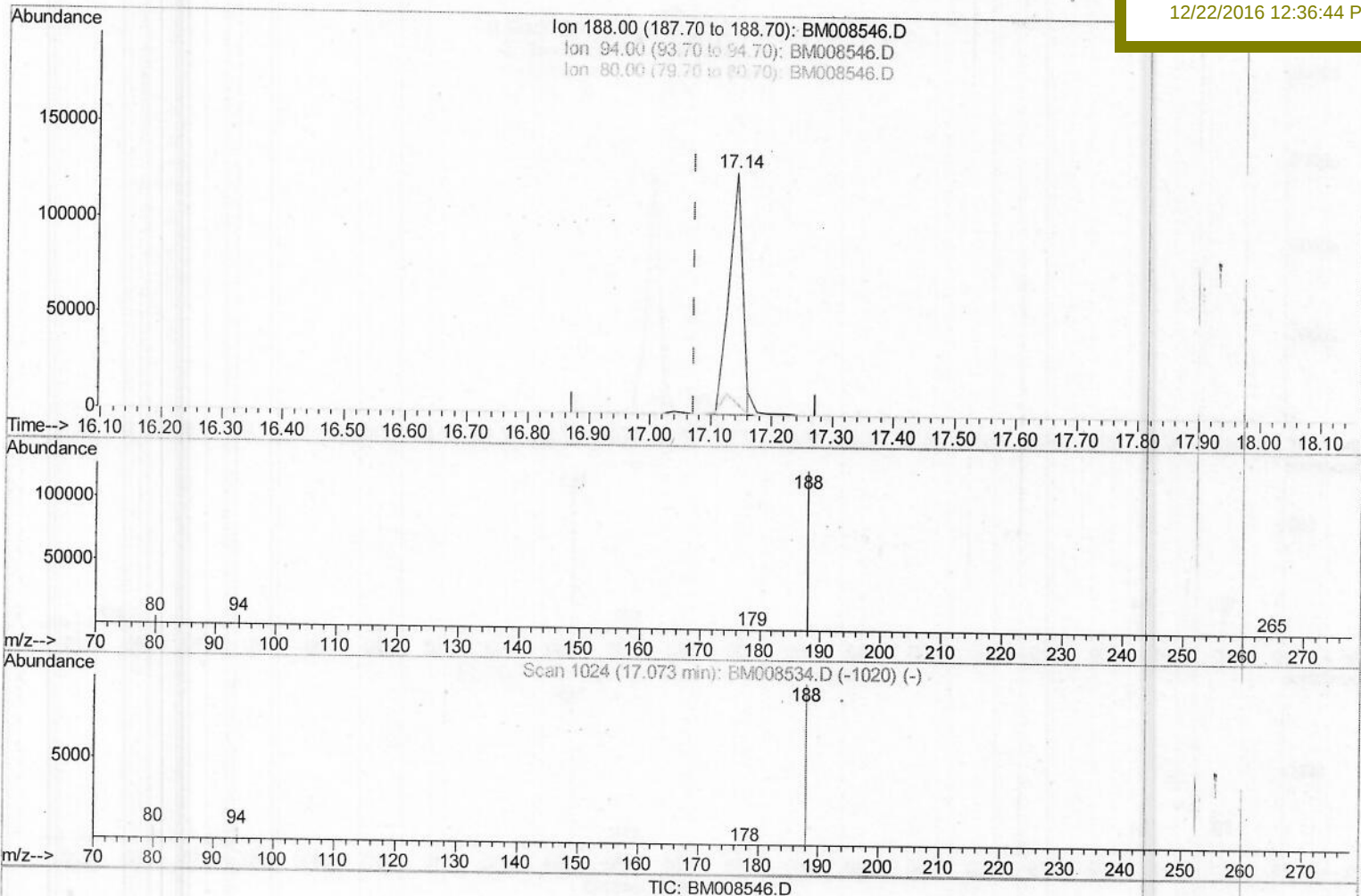
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 22 11:45:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA7H8

Manual Integrations
APPROVED

Sohil
 12/22/2016 12:36:44 PM



(10) Phenanthrene-d10 (I)
 17.142min (+0.069) 0.40ng/ul
 response 197991

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.05#
80.00	11.80	4.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

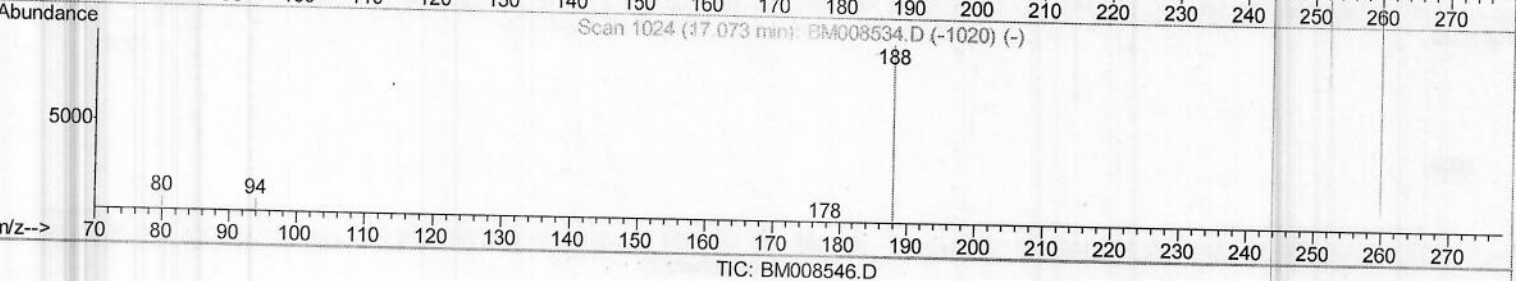
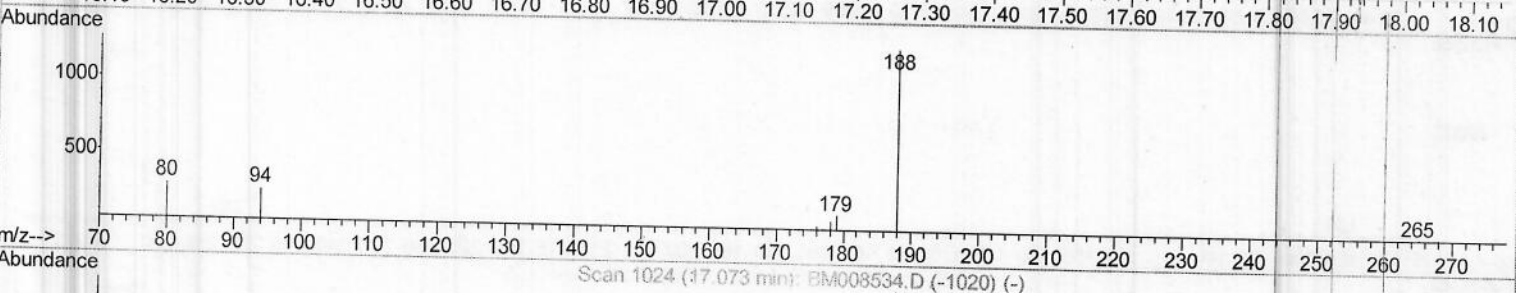
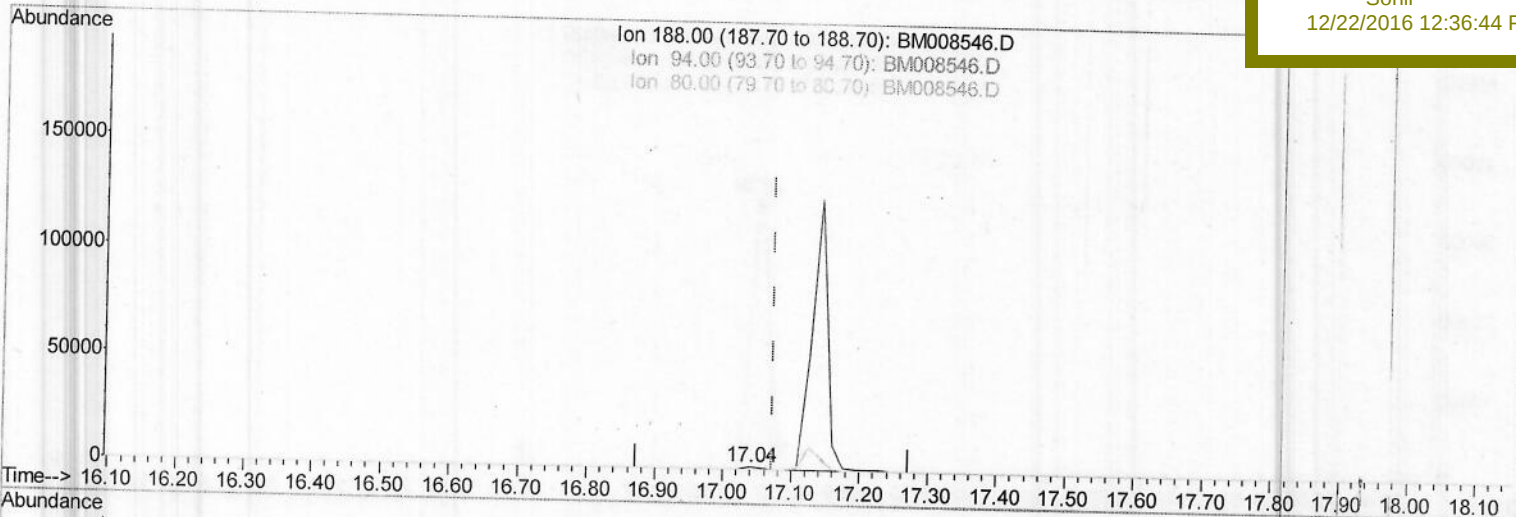
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
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(10) Phenanthrene-d10 (I)

17.039min (-0.034) 0.40ng/ul m

response 1879

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	19.59#
80.00	11.80	22.26#
0.00	0.00	0.00

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Quantitation Report (Qedit)

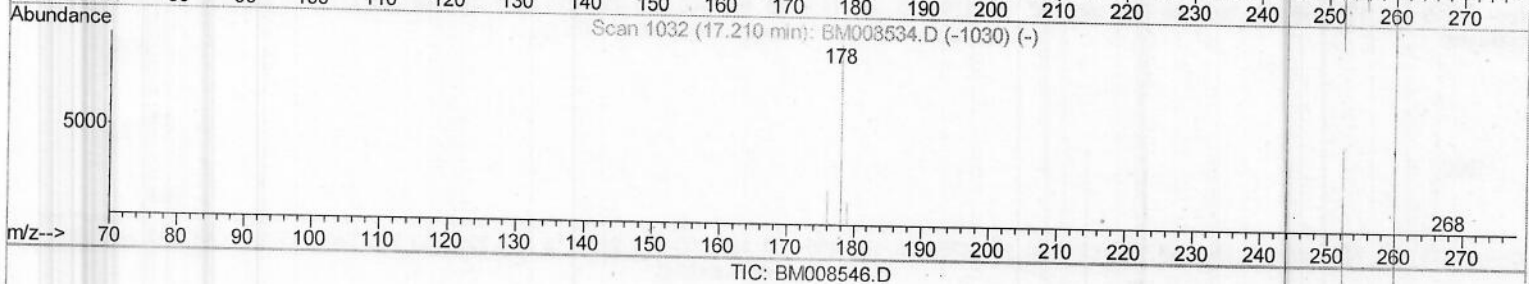
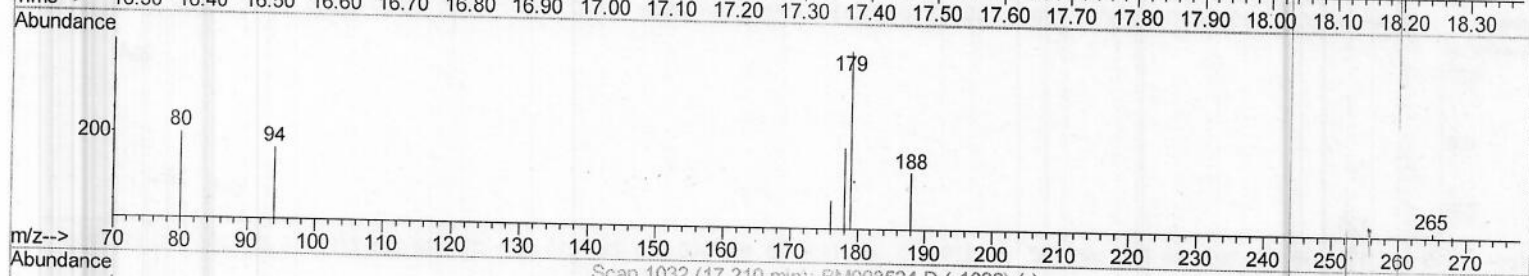
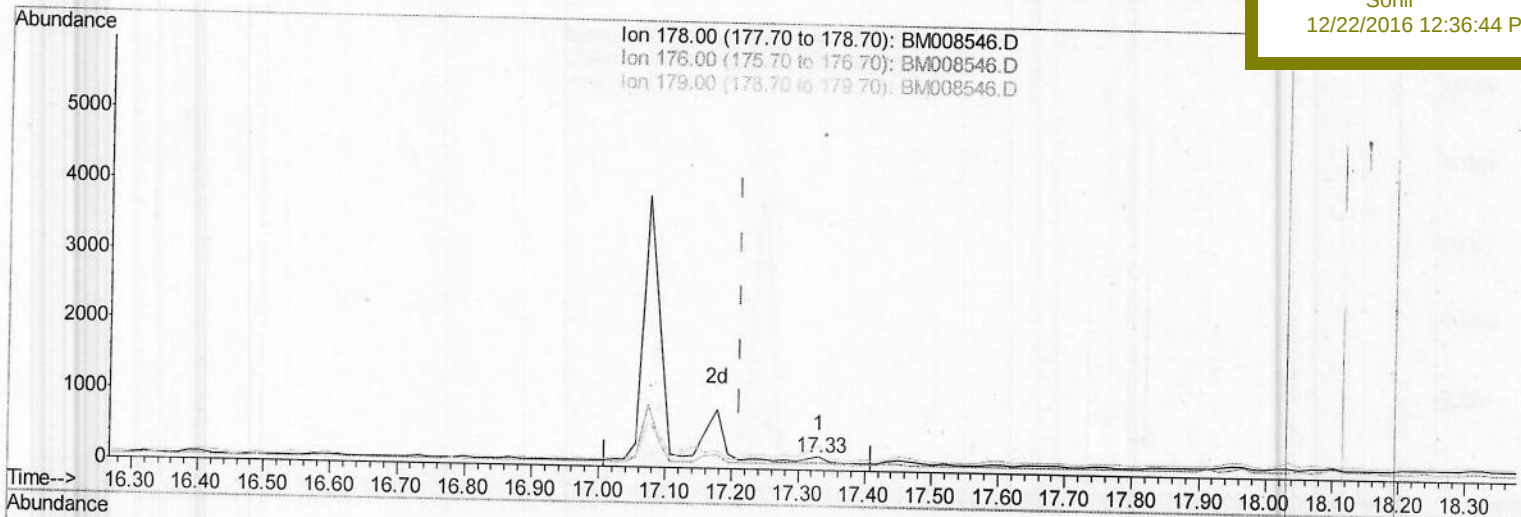
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
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(13) Anthracene

17.331min (+0.120) 0.03ng/ul

response 165

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	51.04#
179.00	18.40	186.98#
0.00	0.00	0.00

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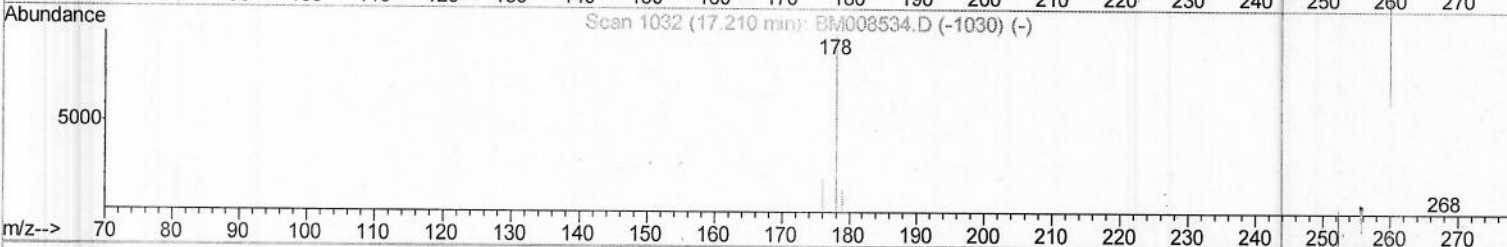
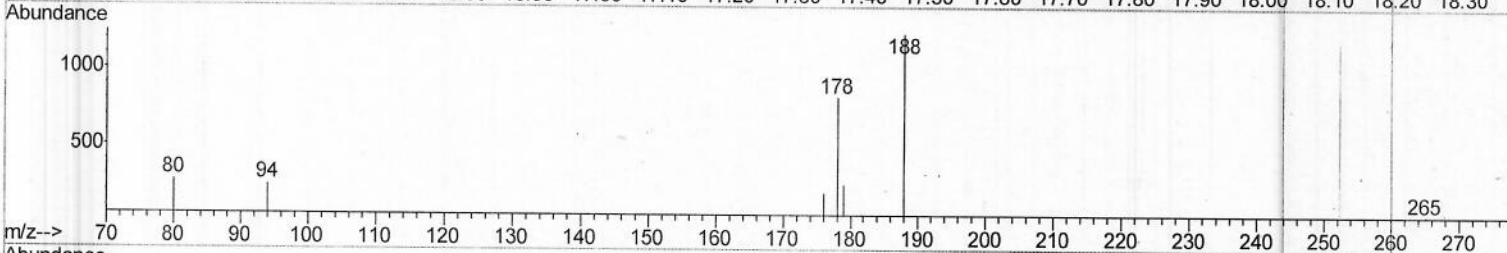
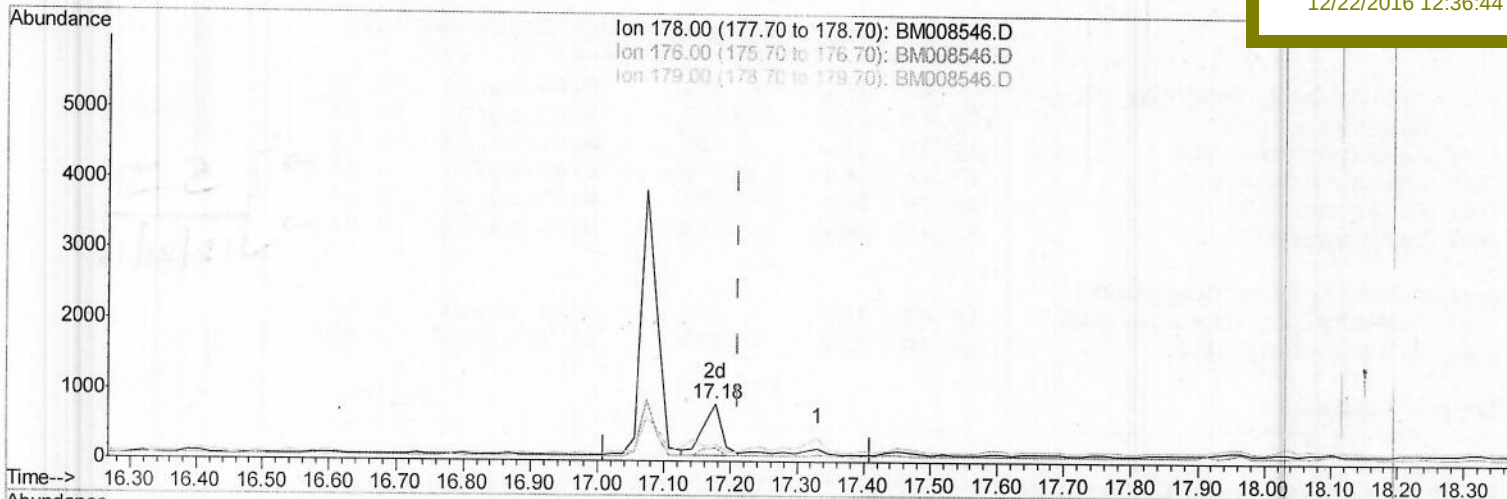
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
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TIC: BM008546.D

(13) Anthracene

17.176min (-0.034) 0.26ng/ul m

response 1440

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	24.09
179.00	18.40	29.42#
0.00	0.00	0.00

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Quantitation Report (Qedit)

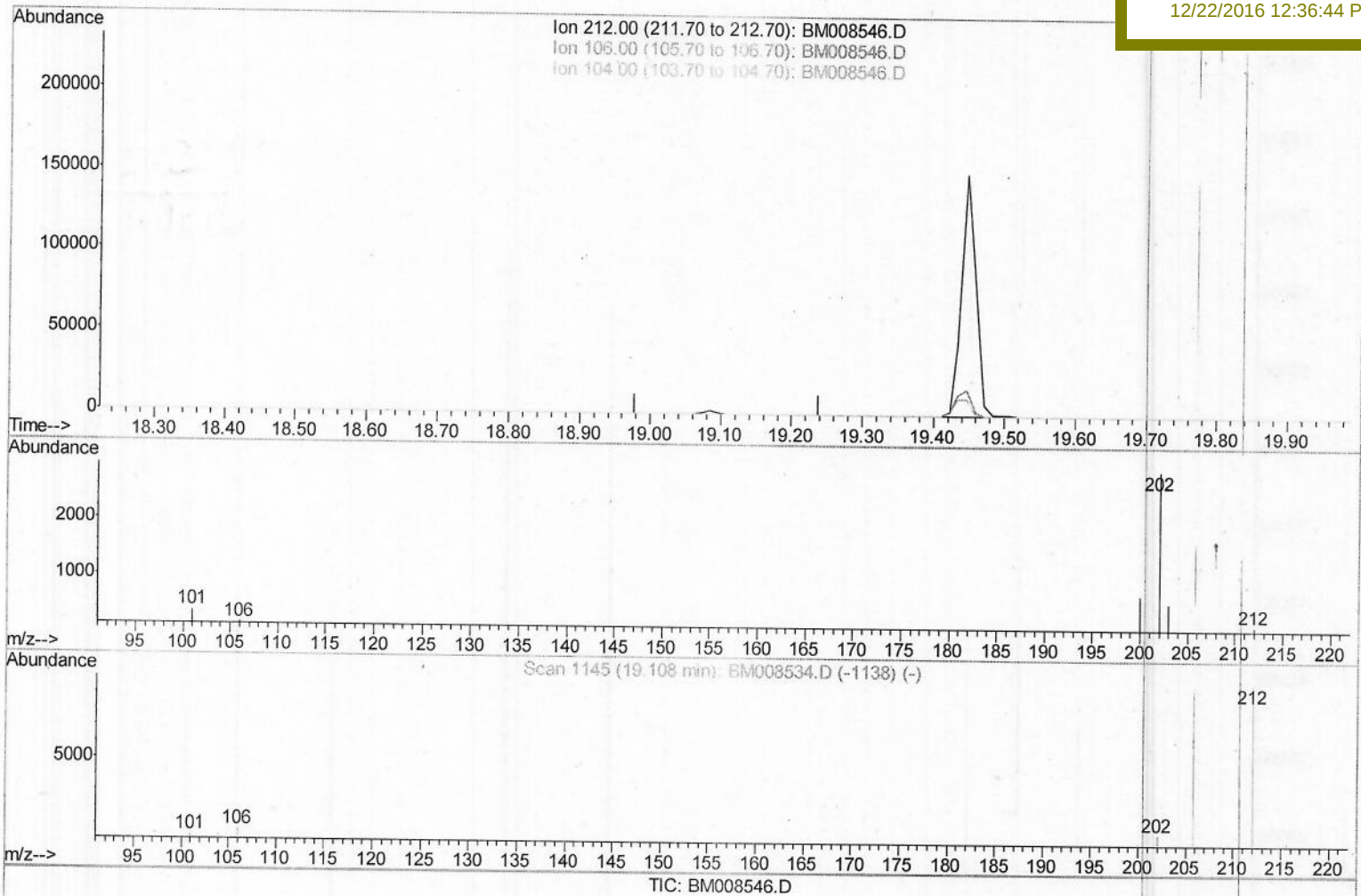
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(14) Fluoranthene-d10 (SURR)

19.108min (-19.108) 0.00ng/ul

response 0

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

TIC: BM008546.D

Quantitation Report (Qedit)

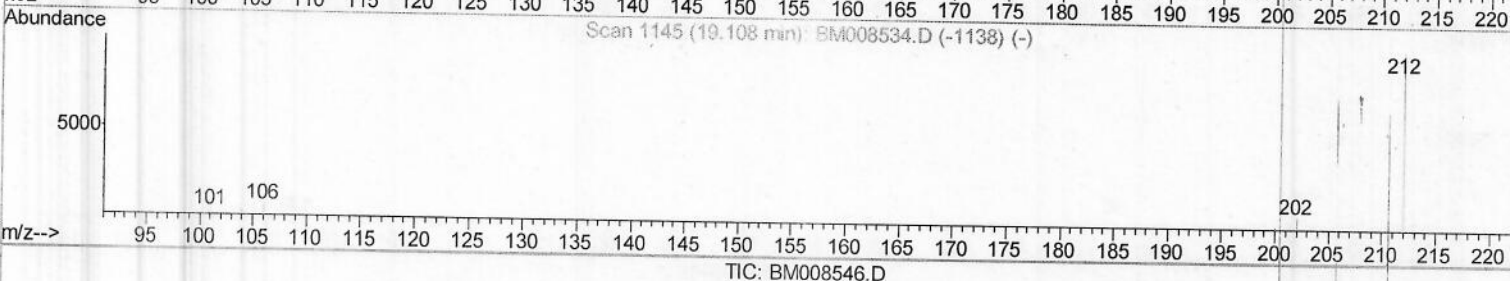
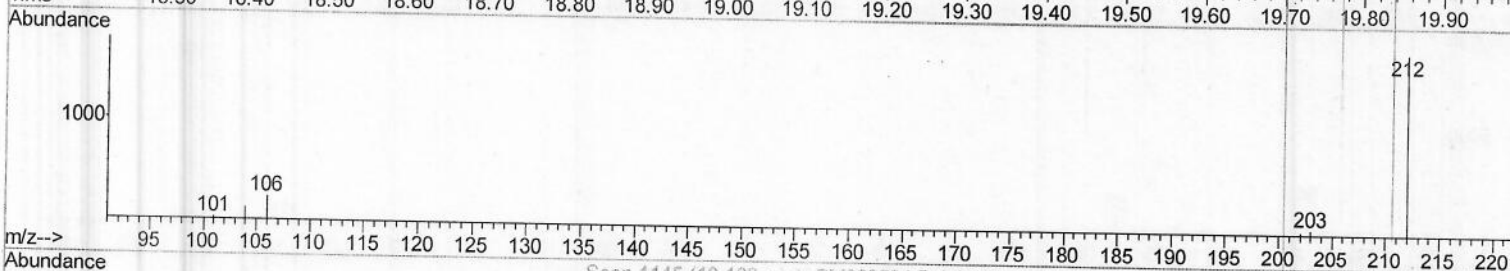
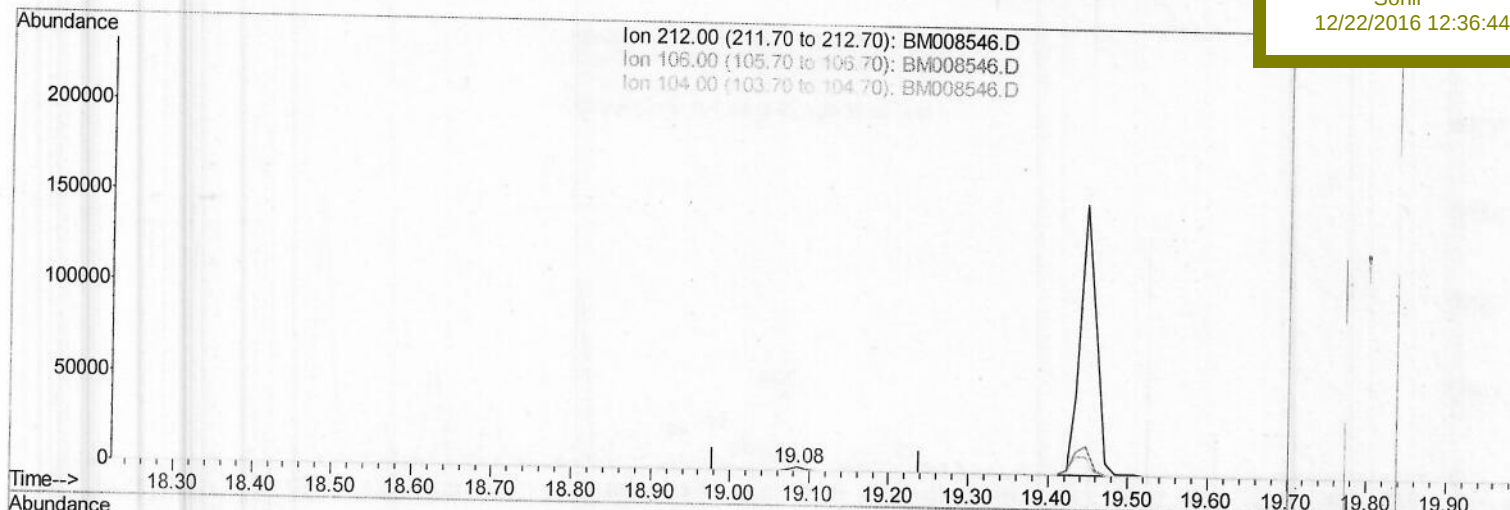
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.084min (-0.024) 0.45ng/ul m

response 2332

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

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Quantitation Report (Qedit)

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Data File : BM008546.D
Acq On : 22 Dec 2016 08:37
Operator : UM/SJ
Sample : H6069-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

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QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration

Instrument :

BNA_M

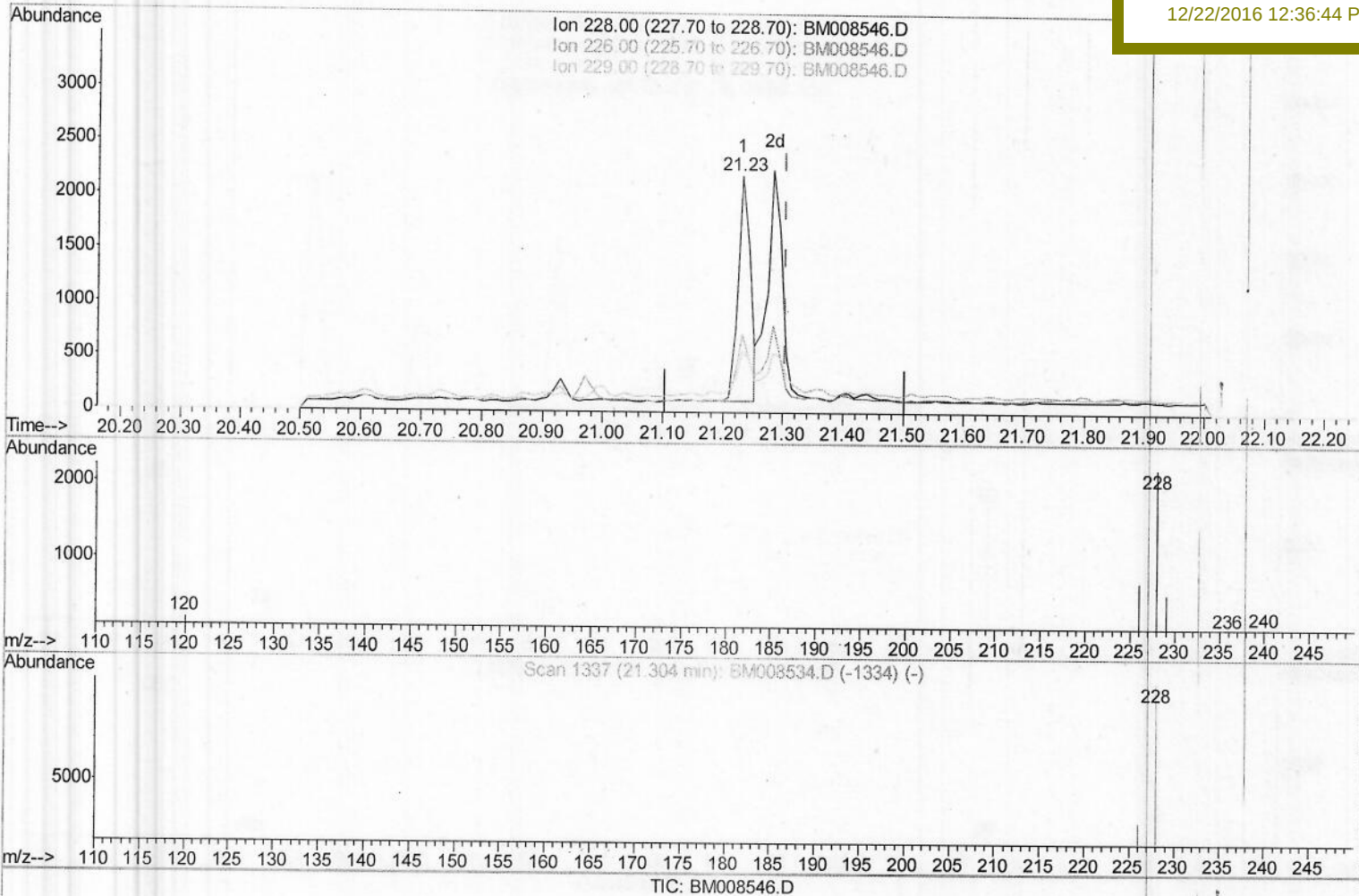
Client Sampled :

DA7H8

Manual Integrations
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(19) Chrysene

21.231min (-0.073) 0.52ng/ul

response 3020

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.78
229.00	22.10	25.76
0.00	0.00	0.00

Quantitation Report (Qedit)

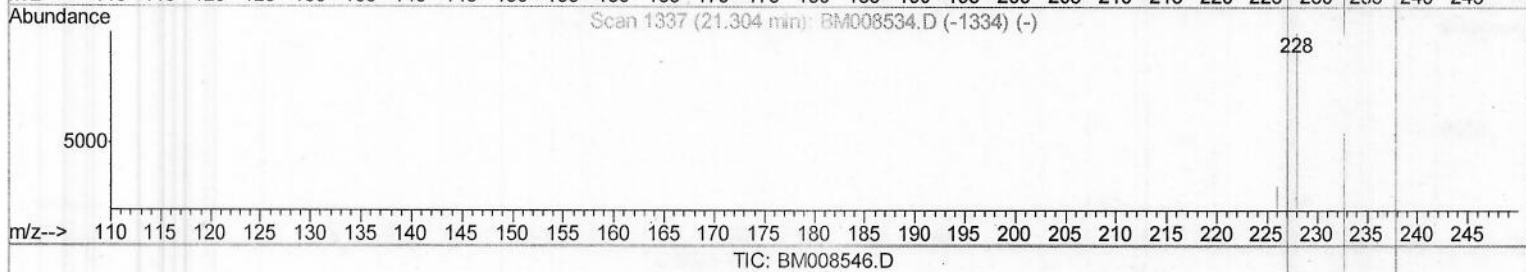
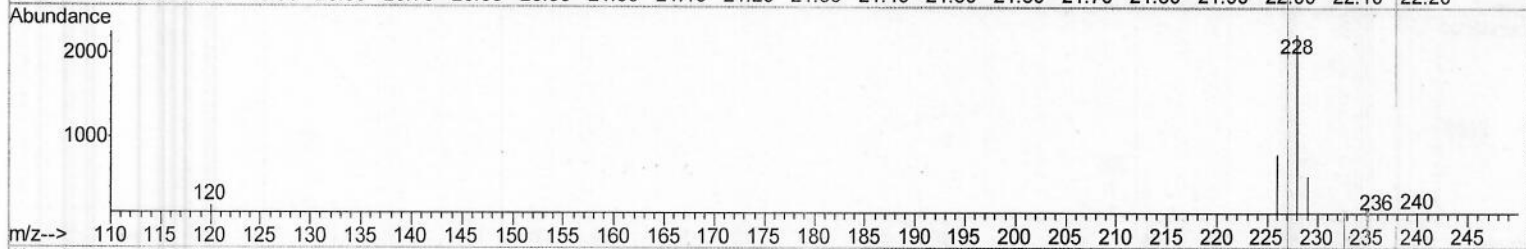
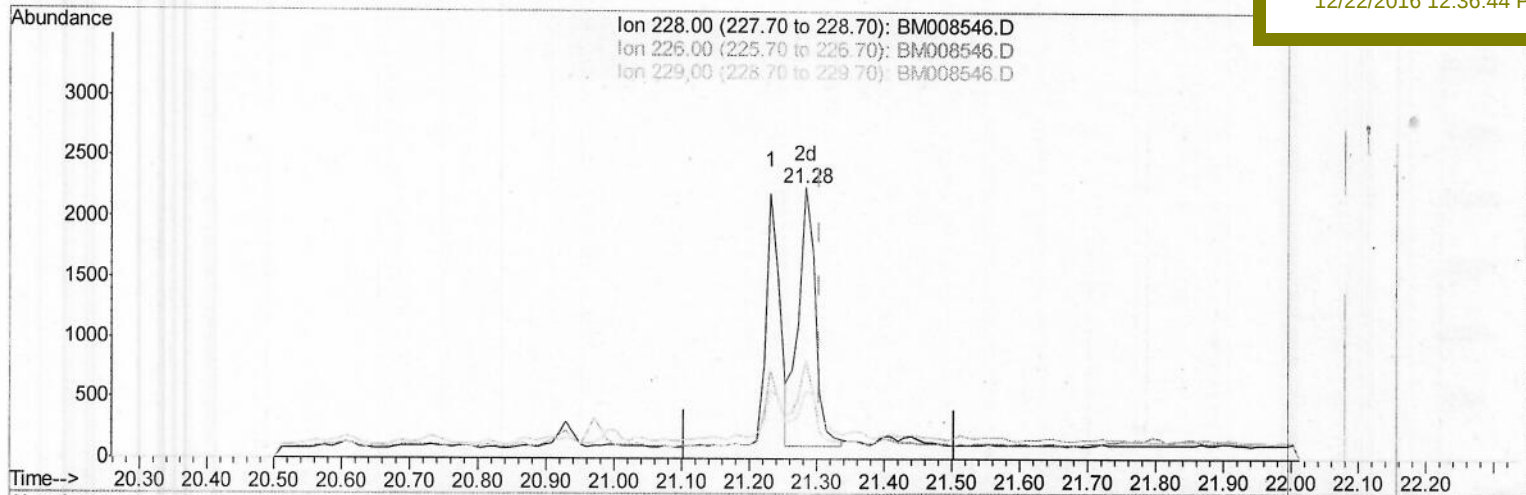
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 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H8

Manual Integrations
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 12/22/2016 12:36:44 PM

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(19) Chrysene

21.283min (-0.021) 0.66ng/ul m

response 3783

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	36.09#
229.00	22.10	24.40
0.00	0.00	0.00

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 12/22/16

Quantitation Report (Qedit)

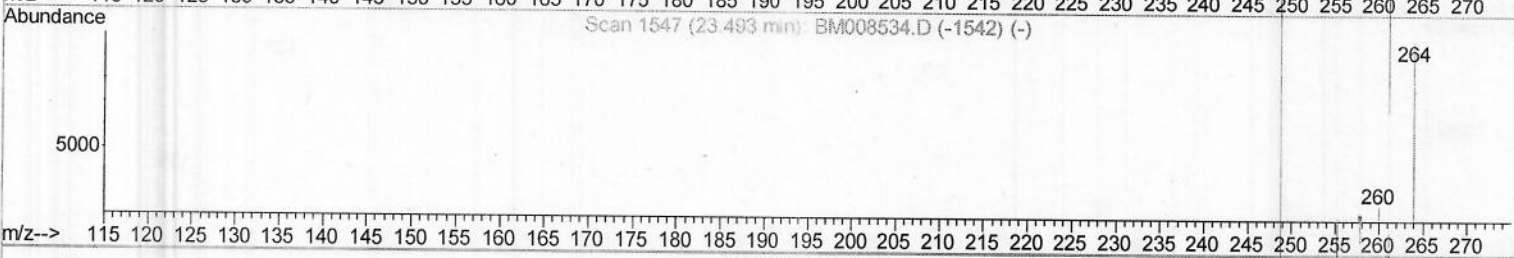
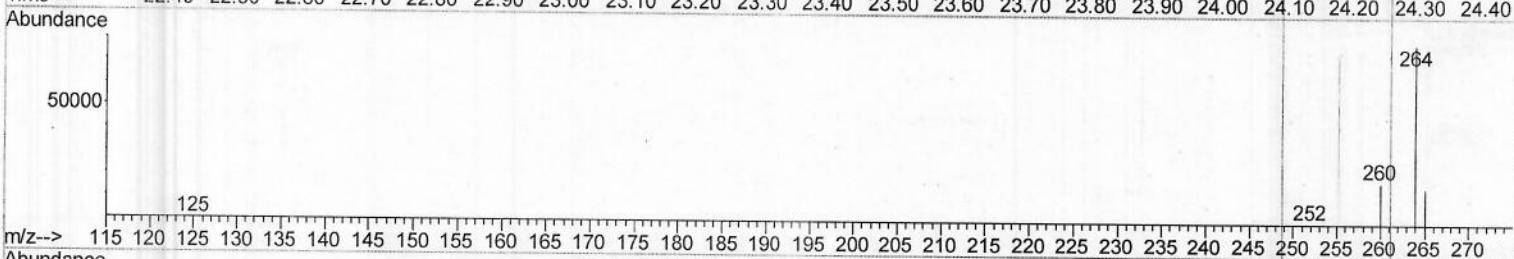
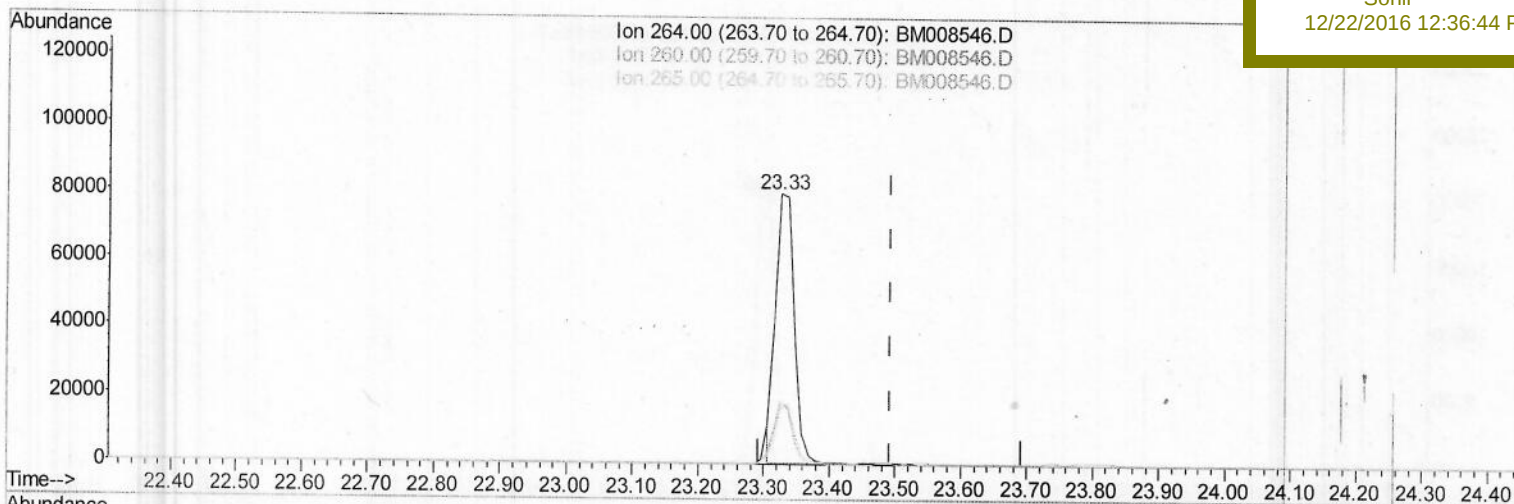
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 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

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 DA7H8

Manual Integrations
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 12/22/2016 12:36:44 PM



(20) Perylene-d12 (I)
 23.326min (-0.167) 0.40ng/ul
 response 155602

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	23.19#
265.00	103.50	20.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

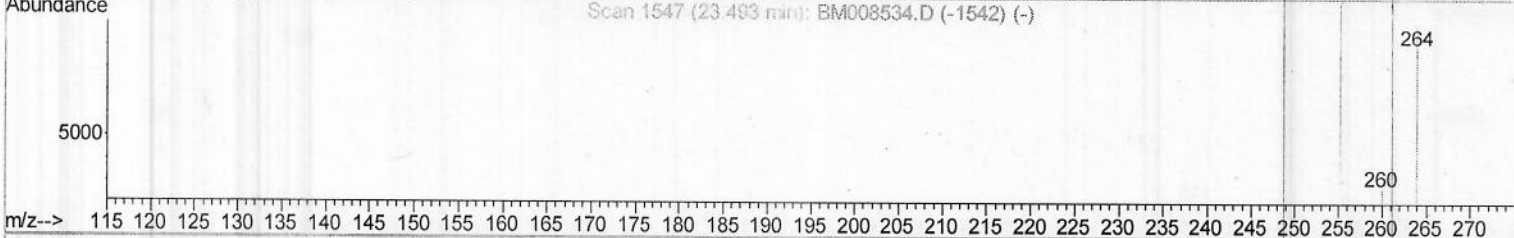
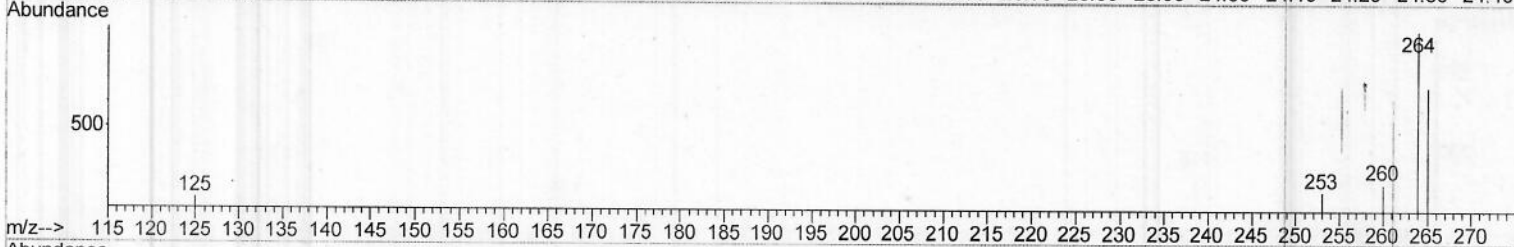
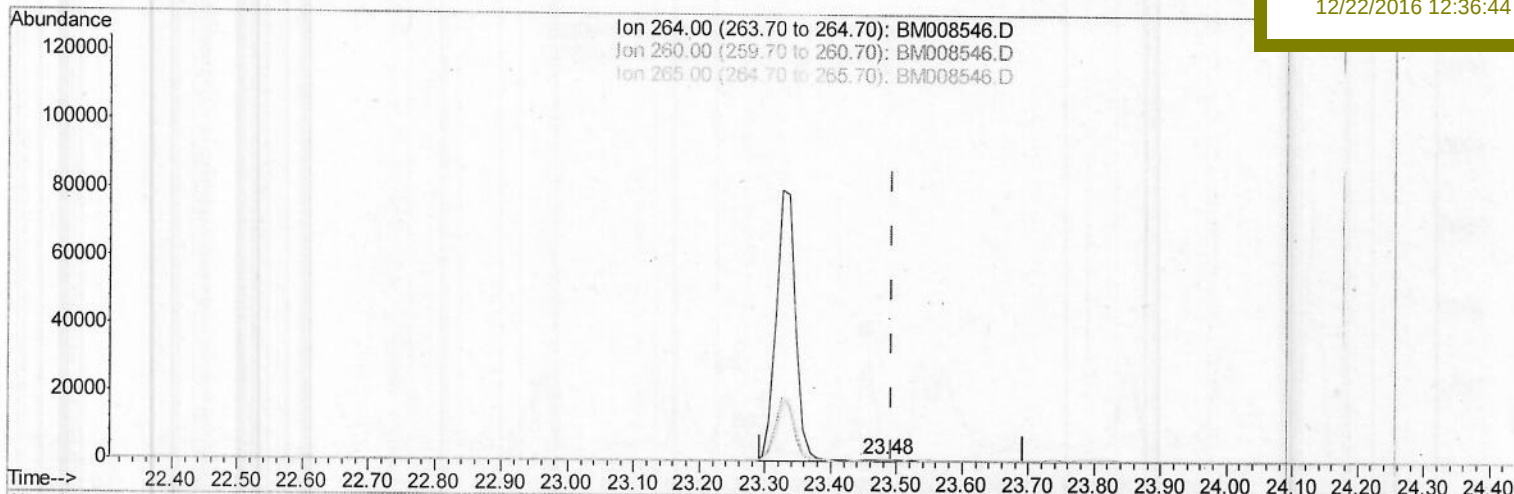
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H8

Quant Time: Dec 22 11:46:25 2016
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Manual Integrations
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Sohil
 12/22/2016 12:36:44 PM



(20) Perylene-d12 (I)

23.483min (-0.010) 0.40ng/ul m

response 1239

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.49
265.00	103.50	74.21#
0.00	0.00	0.00

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Quantitation Report (Qedit)

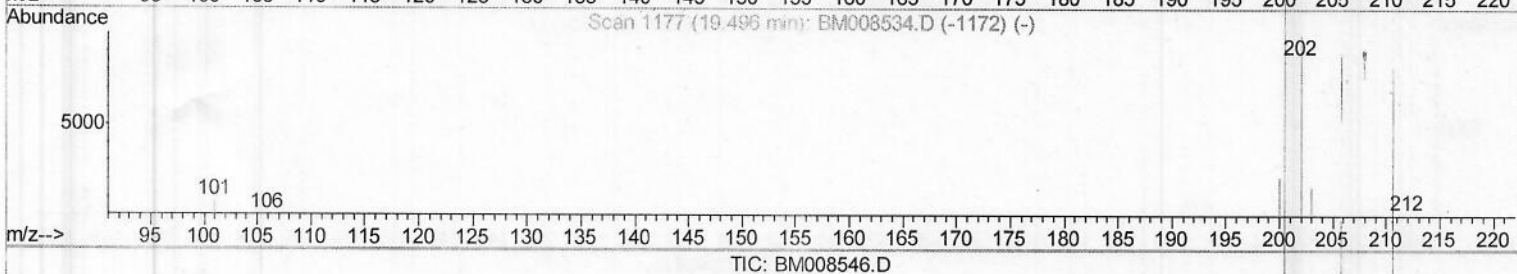
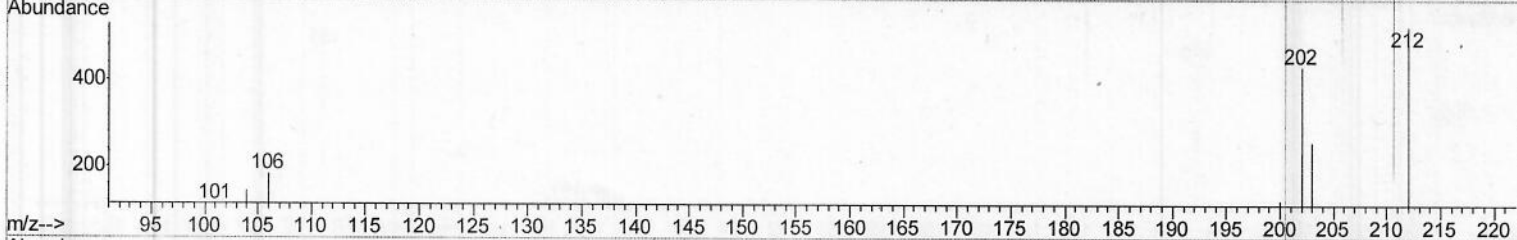
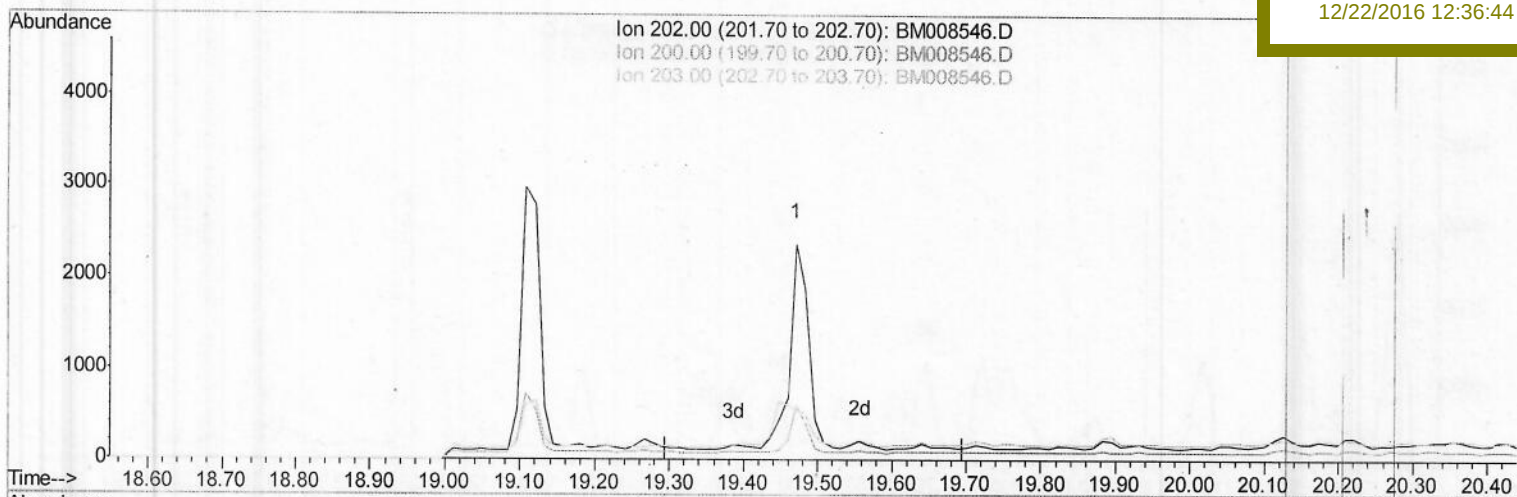
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 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 22 11:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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 BNA_M
 ClientSampleId :
 DA7H8

Manual Integrations
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(17) Pyrene

19.496min (-19.496) 0.00ng/ul d

response 0

Ion	Exp%	Act%
202.00	100	0.00
200.00	22.80	0.00
203.00	19.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

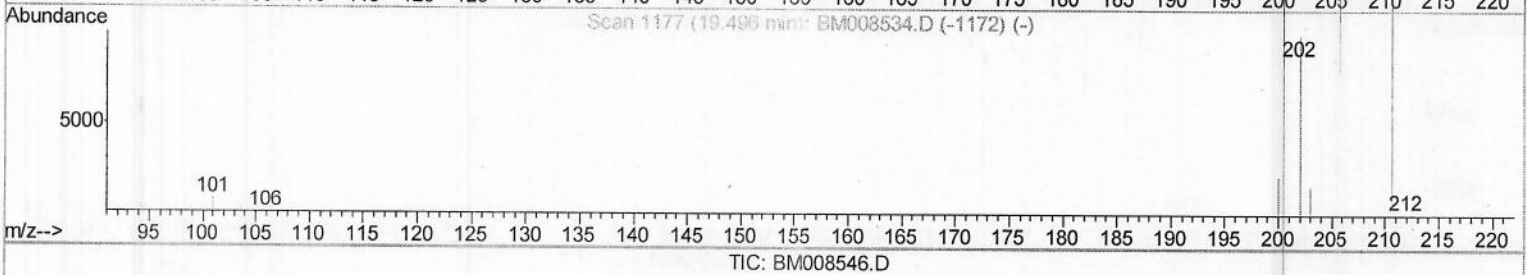
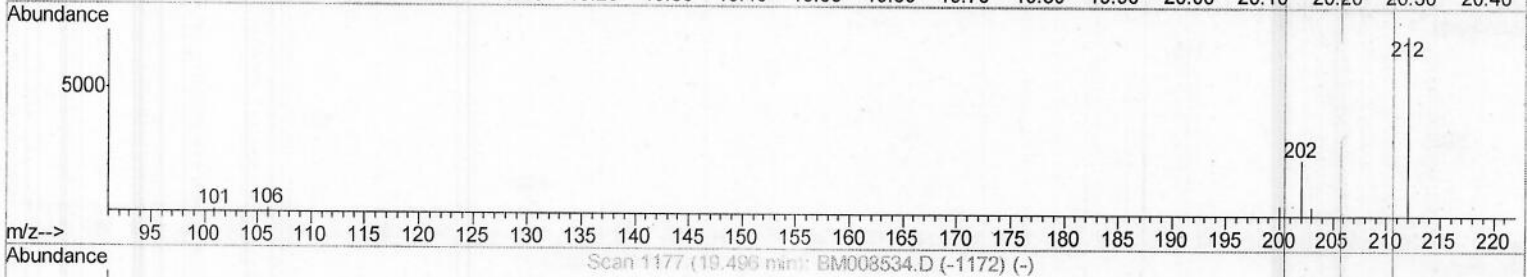
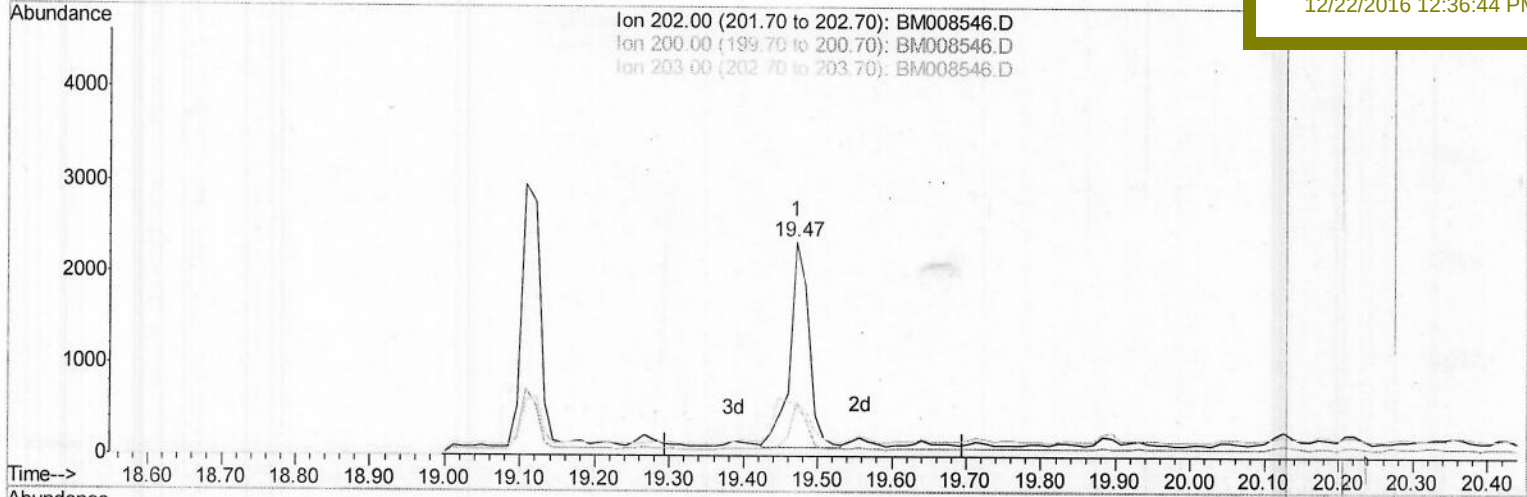
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Manual Integrations
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(17) Pyrene

19.471min (-0.024) 0.66ng/ul m

response 4081

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	25.23
203.00	19.50	22.94
0.00	0.00	0.00

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 12/22/16

Quantitation Report (Qedit)

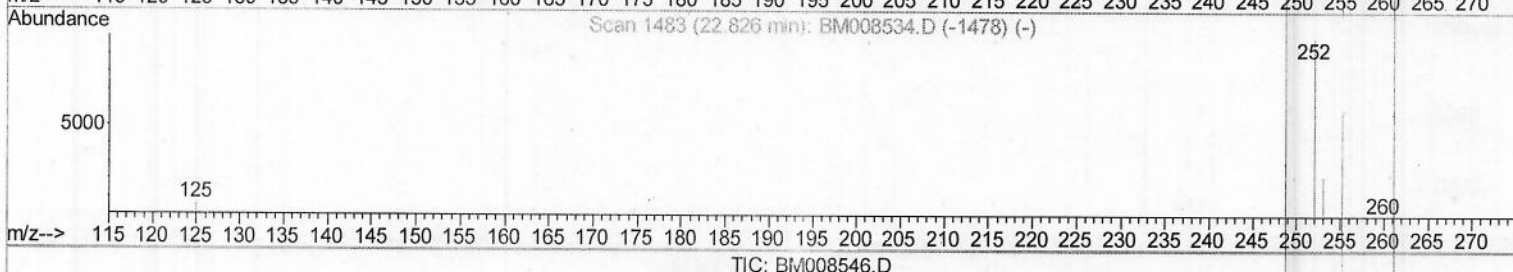
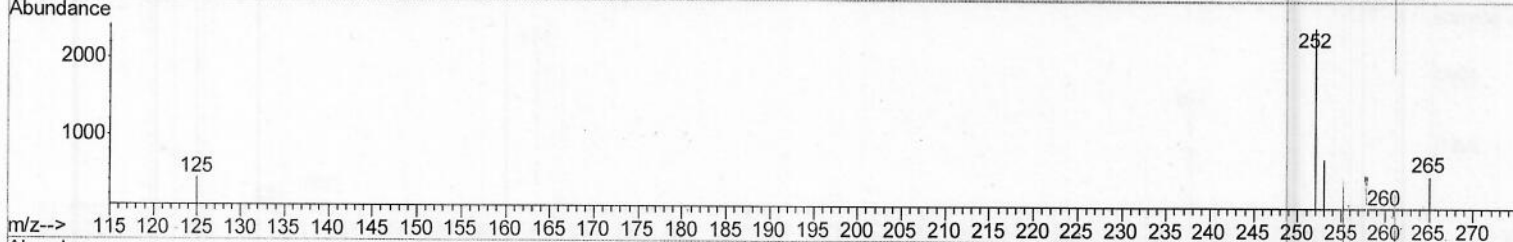
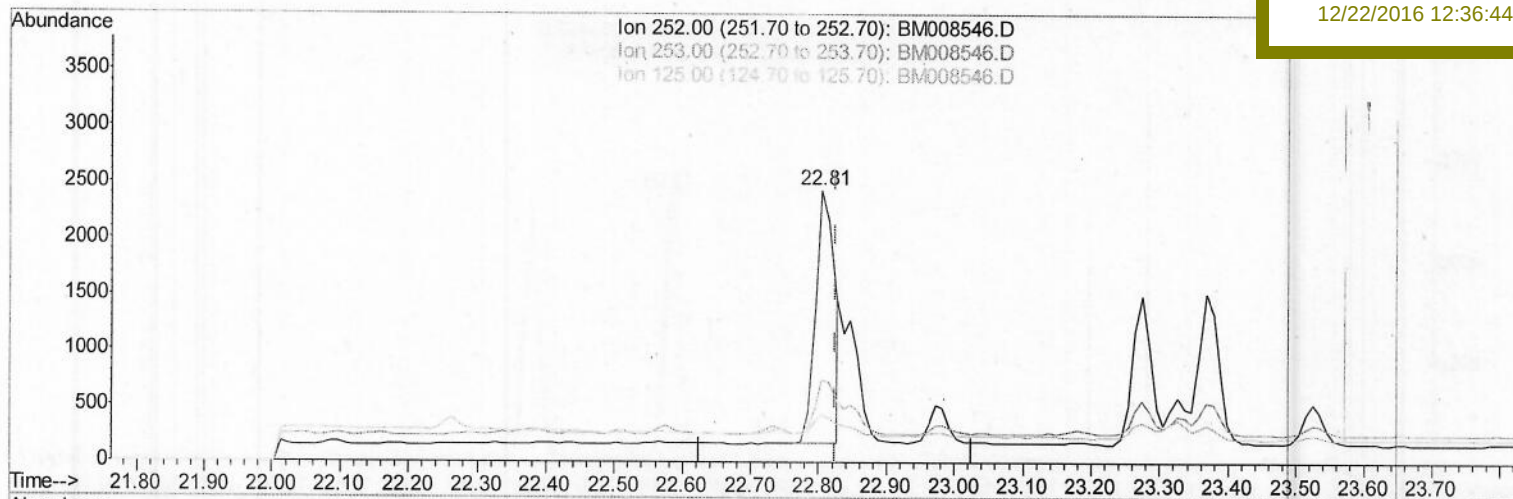
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(21) Benzo(b)fluoranthene

22.805min (-0.021) 0.91ng/ul

response 4452

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	29.79
125.00	17.50	17.48
0.00	0.00	0.00

Quantitation Report (Qedit)

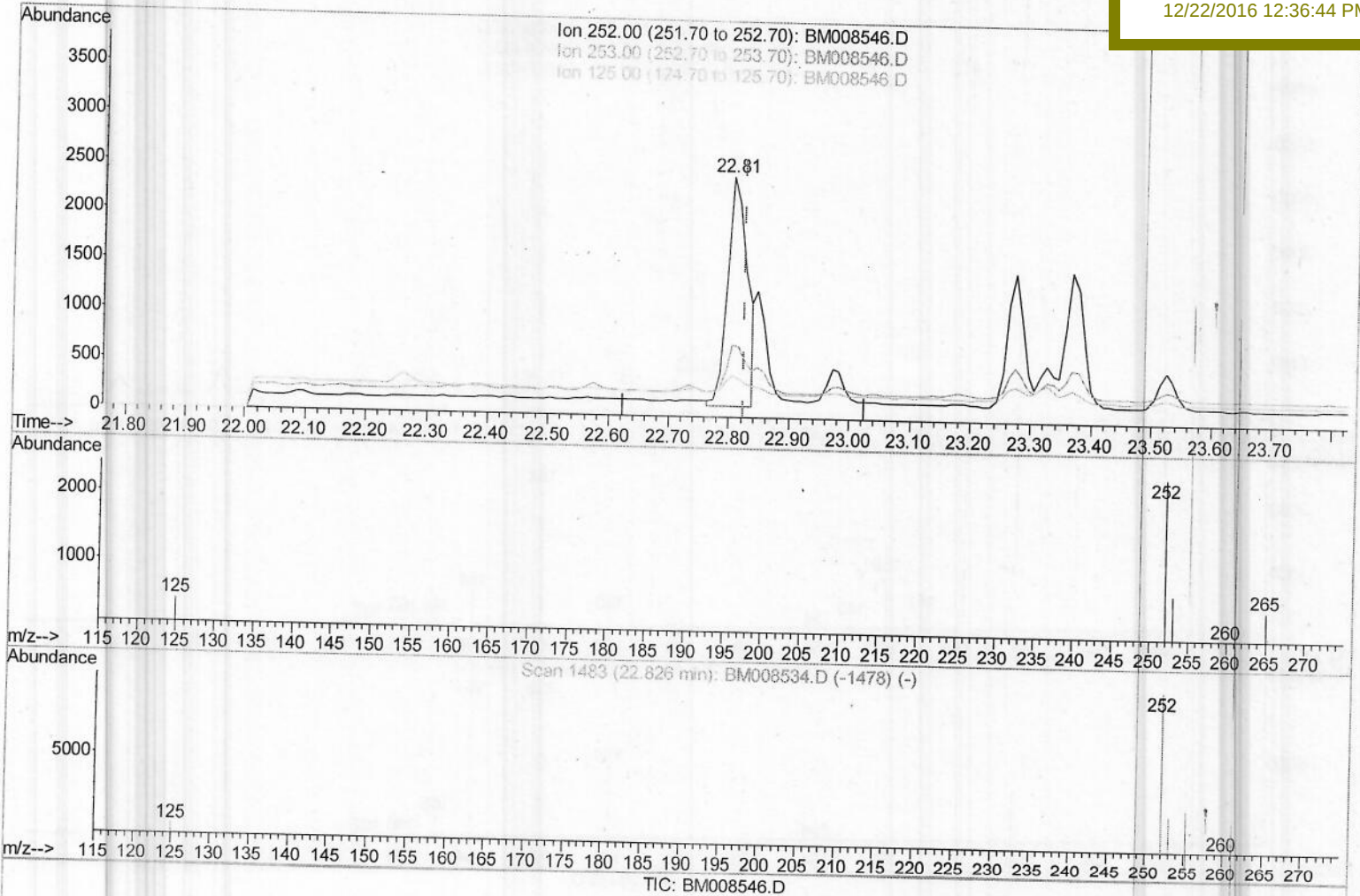
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(21) Benzo(b)fluoranthene

22.805min (-0.021) 1.09ng/ul m

response 5297

Ion Exp% Act%

252.00 100 100

253.00 32.10 29.79

125.00 17.50 17.48

0.00 0.00 0.00

S.J
 12/22/16

TIC: BM008546.D

Quantitation Report (Qedit)

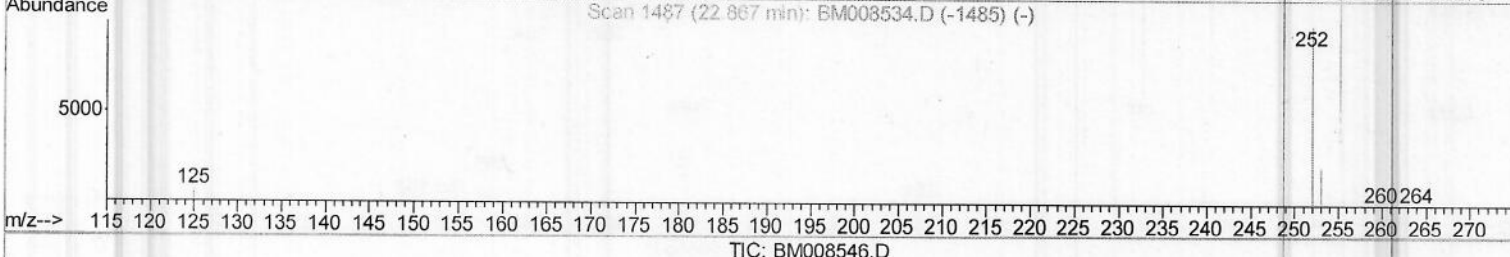
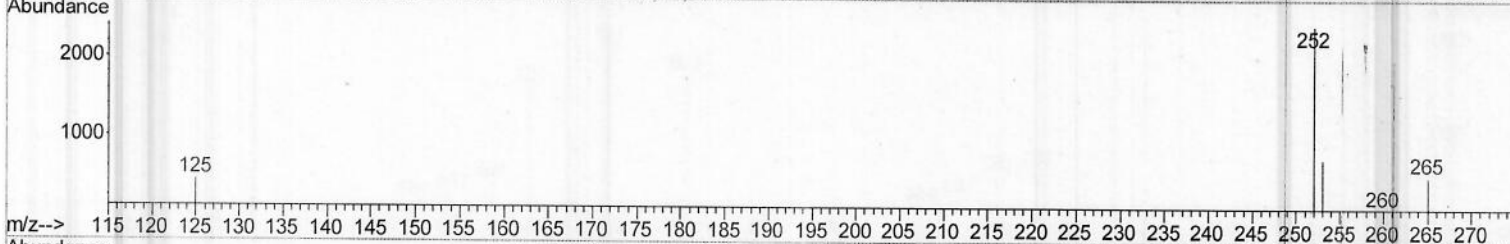
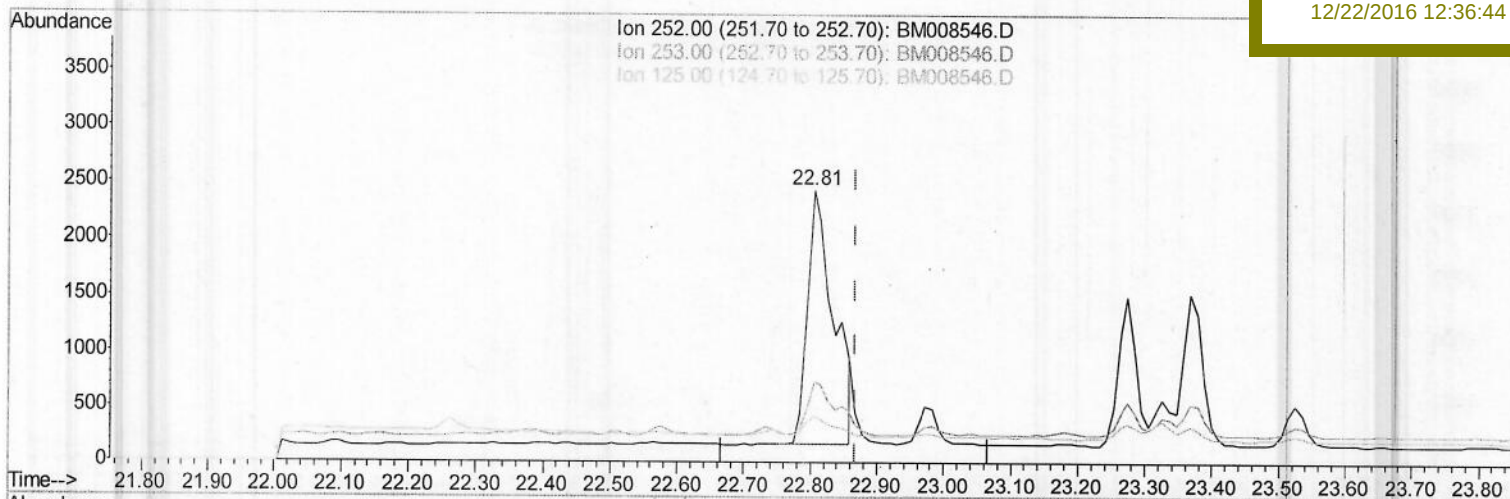
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Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:36:44 PM



(22) Benzo(k)fluoranthene
 22.805min (-0.062) 1.31ng/ul
 response 6258

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.79
125.00	17.10	17.48
0.00	0.00	0.00

Quantitation Report (Qedit)

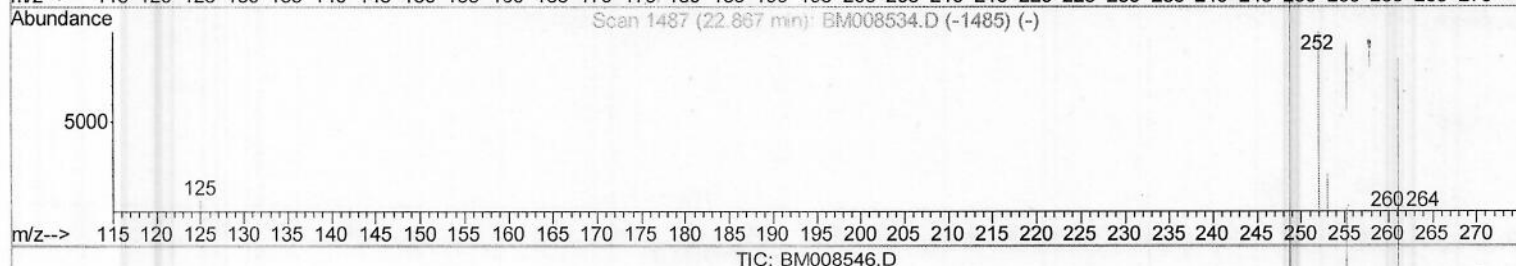
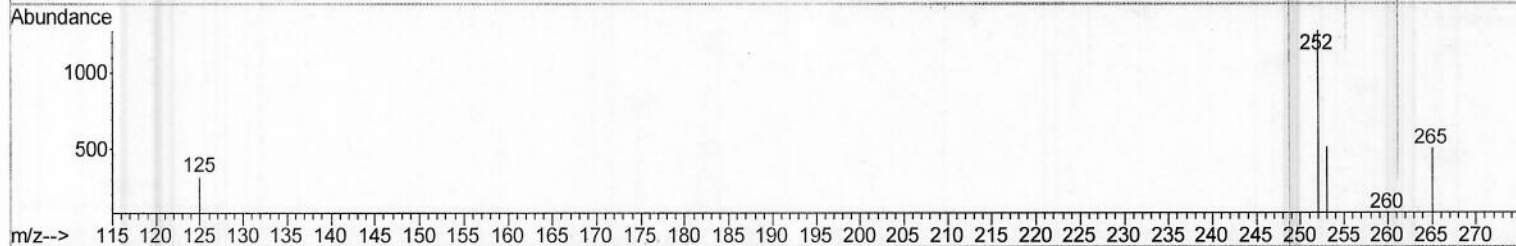
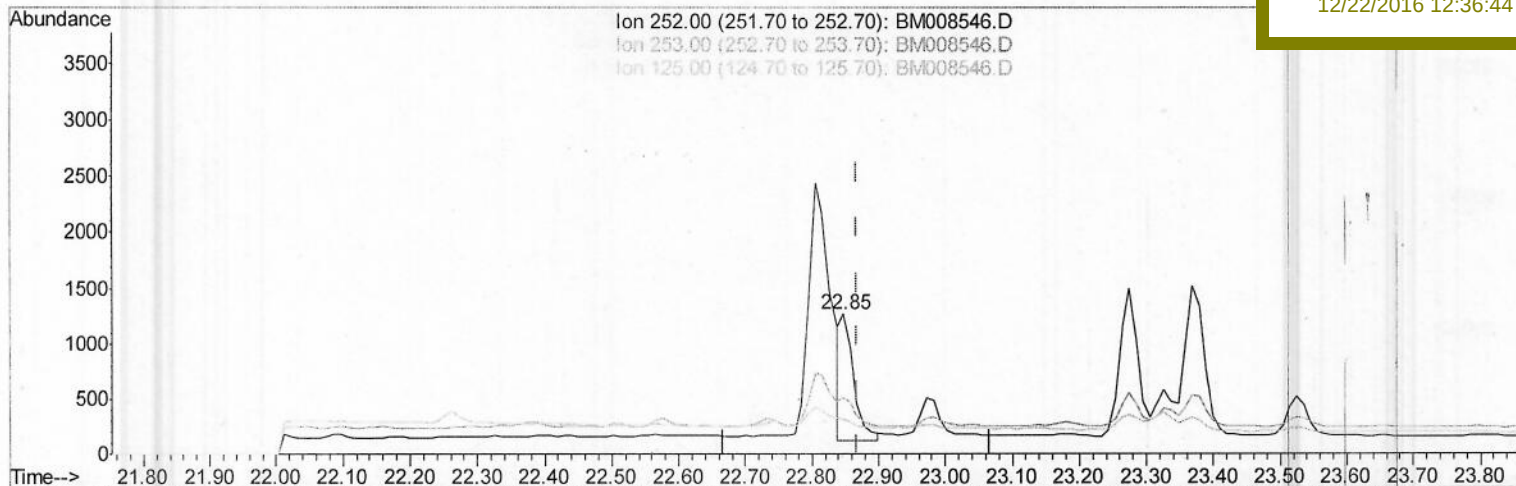
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H8

Quant Time: Dec 22 11:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration

Manual Integrations
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(22) Benzo(k)fluoranthene

22.847min (-0.021) 0.33ng/ul m

response 1594

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	39.84#
125.00	17.10	24.88#
0.00	0.00	0.00

S-J
 12122116

Quantitation Report (Qedit)

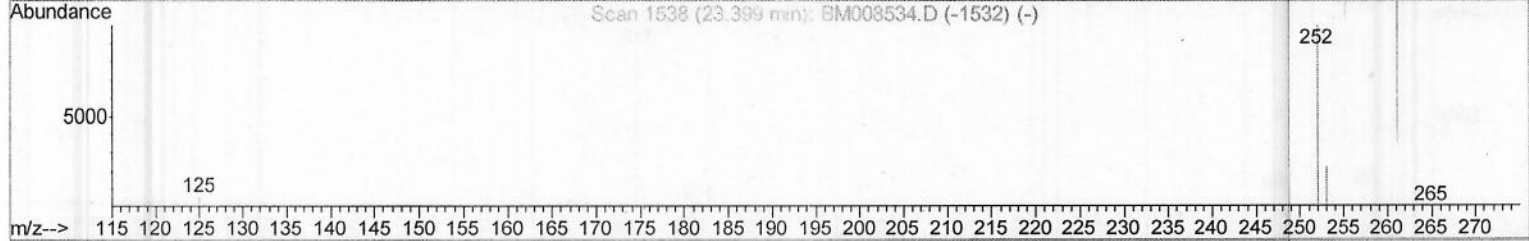
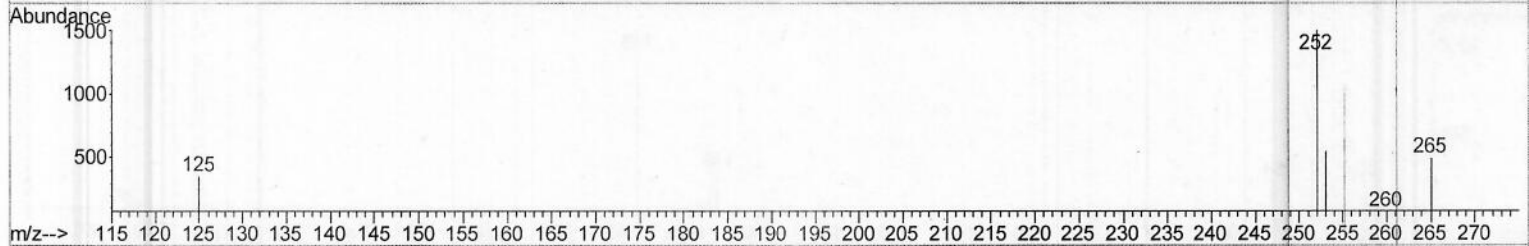
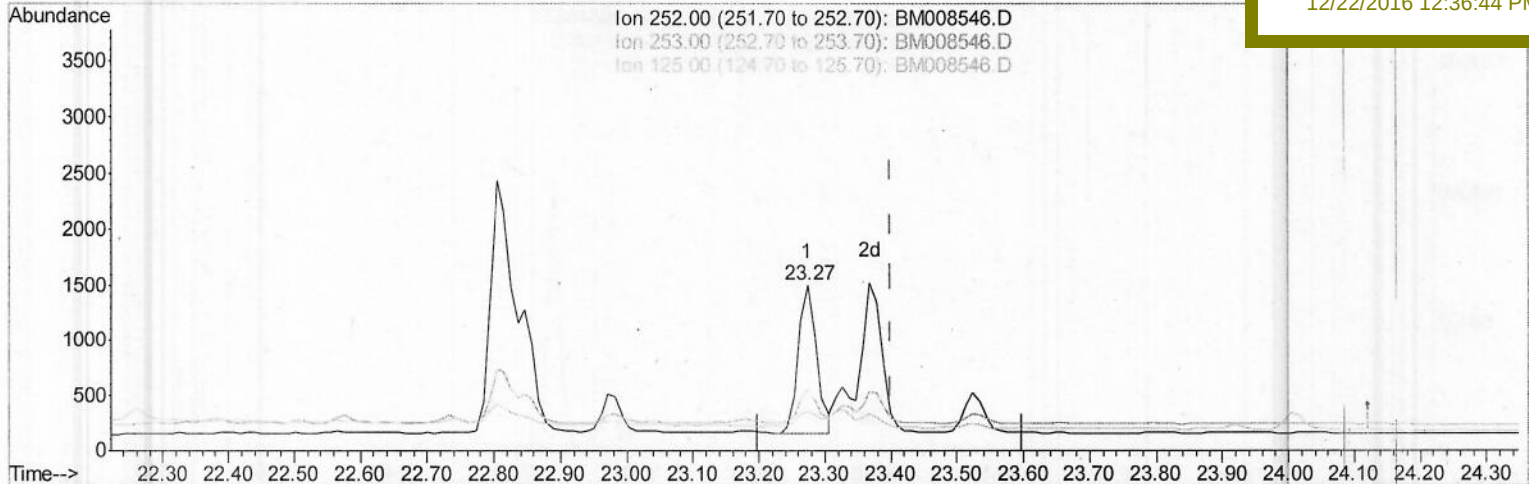
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 22 11:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA7H8

Manual Integrations
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TIC: BM008546.D

(23) Benzo(a)pyrene (C)

23.274min (-0.125) 0.57ng/ul

response 2565

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	36.84
125.00	22.60	23.52
0.00	0.00	0.00

Quantitation Report (Qedit)

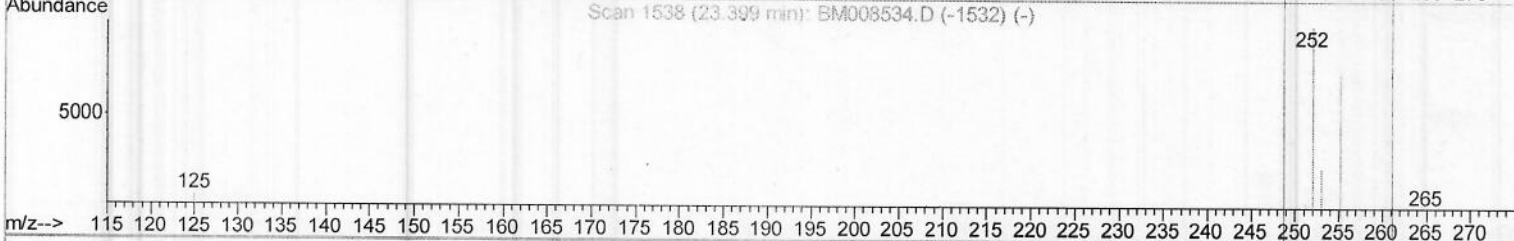
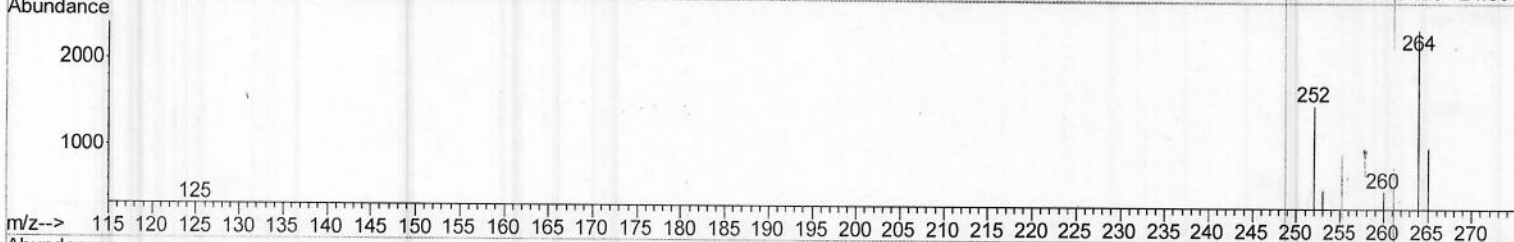
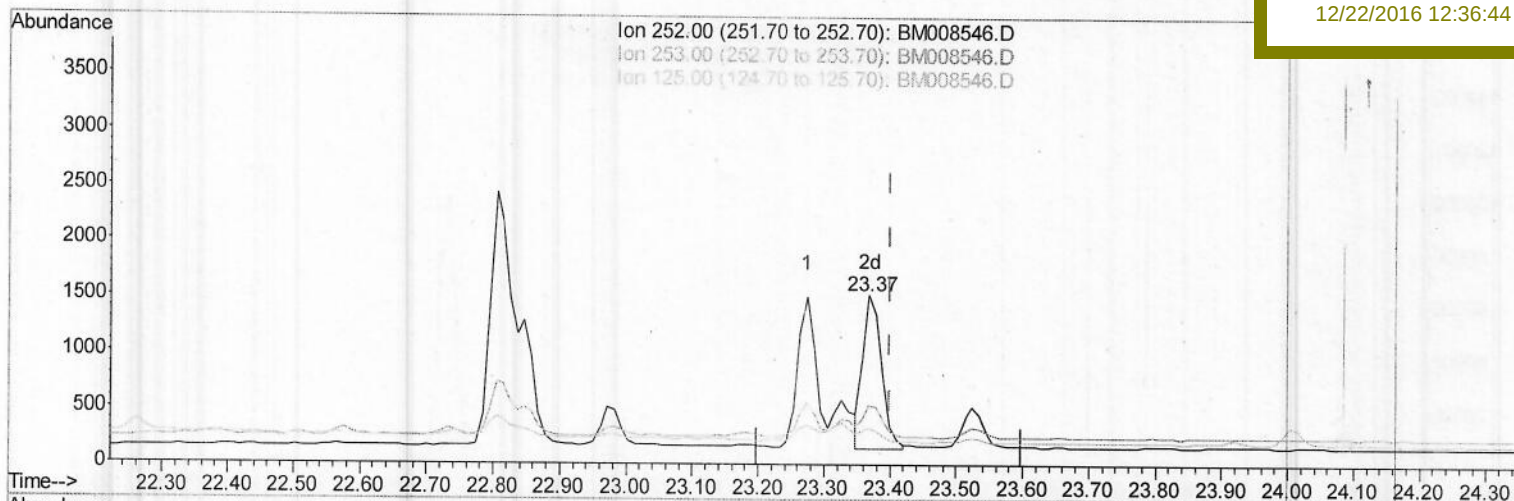
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample Id :
 DA7H8

Manual Integrations
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Quant Time: Dec 22 11:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration



TIC: BM008546.D

(23) Benzo(a)pyrene (C)

23.368min (-0.031) 0.59ng/ul m

response 2682

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	35.34
125.00	22.60	21.66
0.00	0.00	0.00

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 12/22/16

Quantitation Report (Qedit)

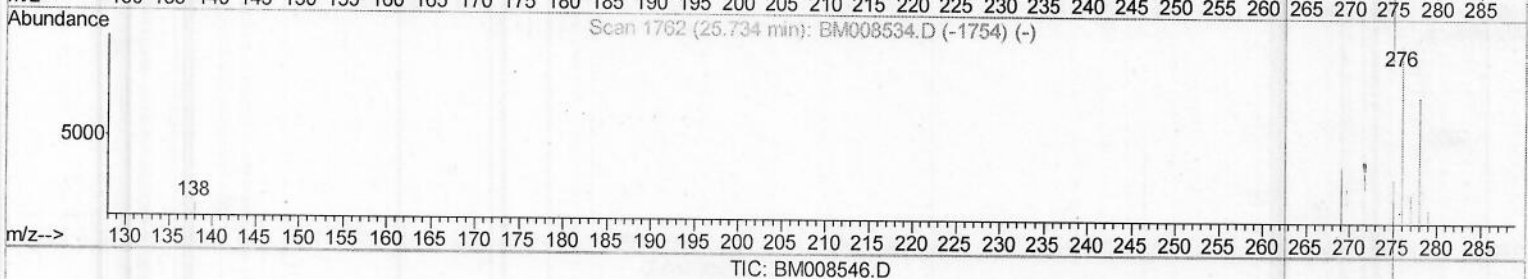
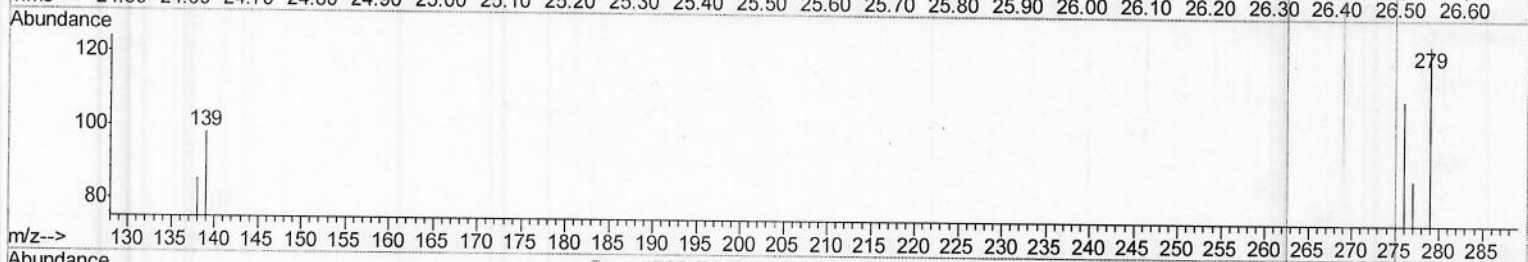
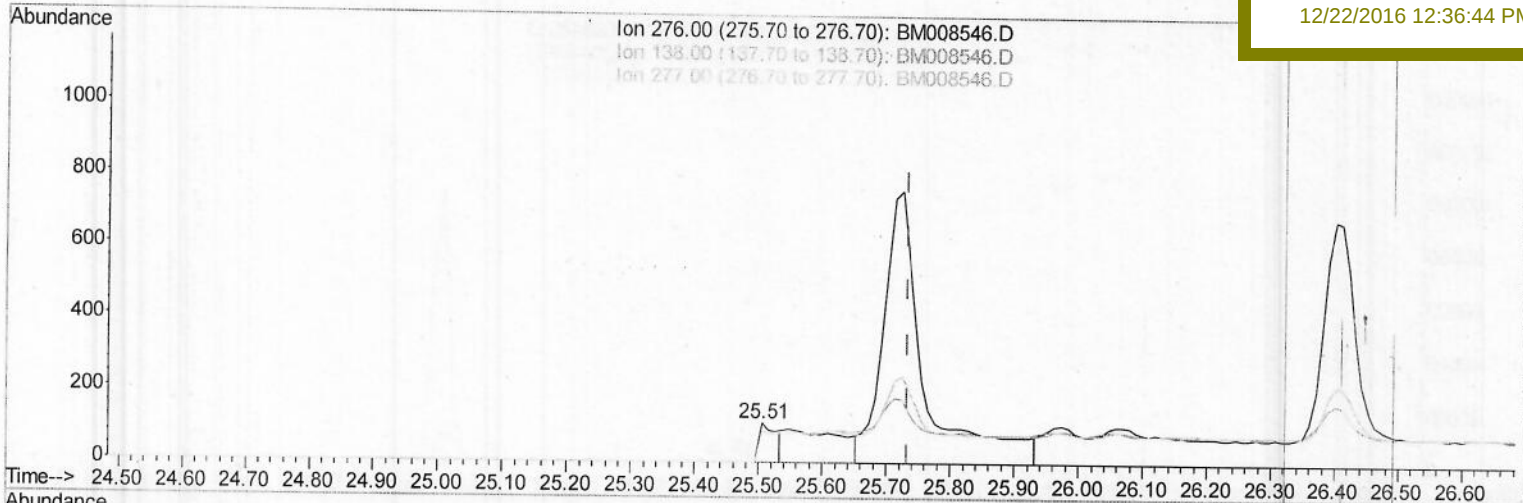
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 22 11:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
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Instrument :
 BNA_M
 ClientSampleId :
 DA7H8

Manual Integrations
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TIC: BM008546.D

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

25.505min (-0.229) 0.15ng/ul

response 791

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)

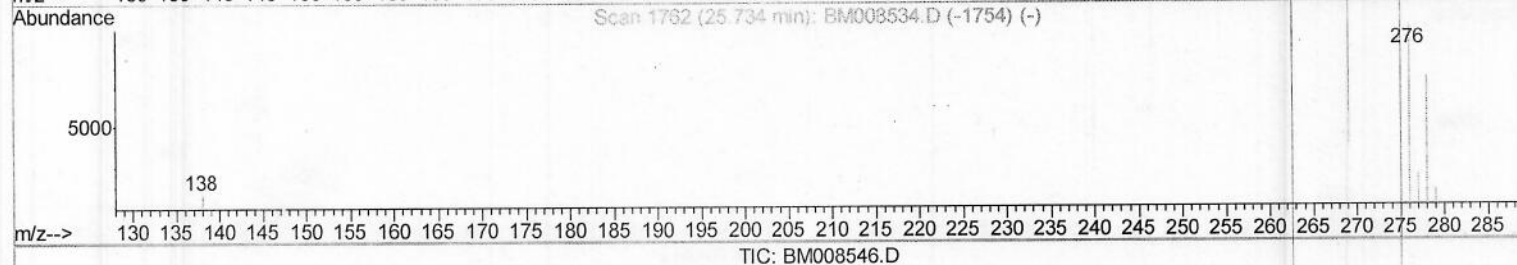
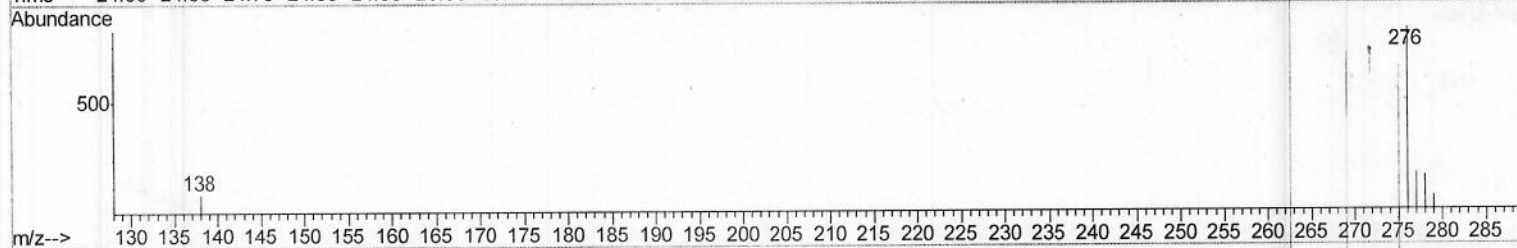
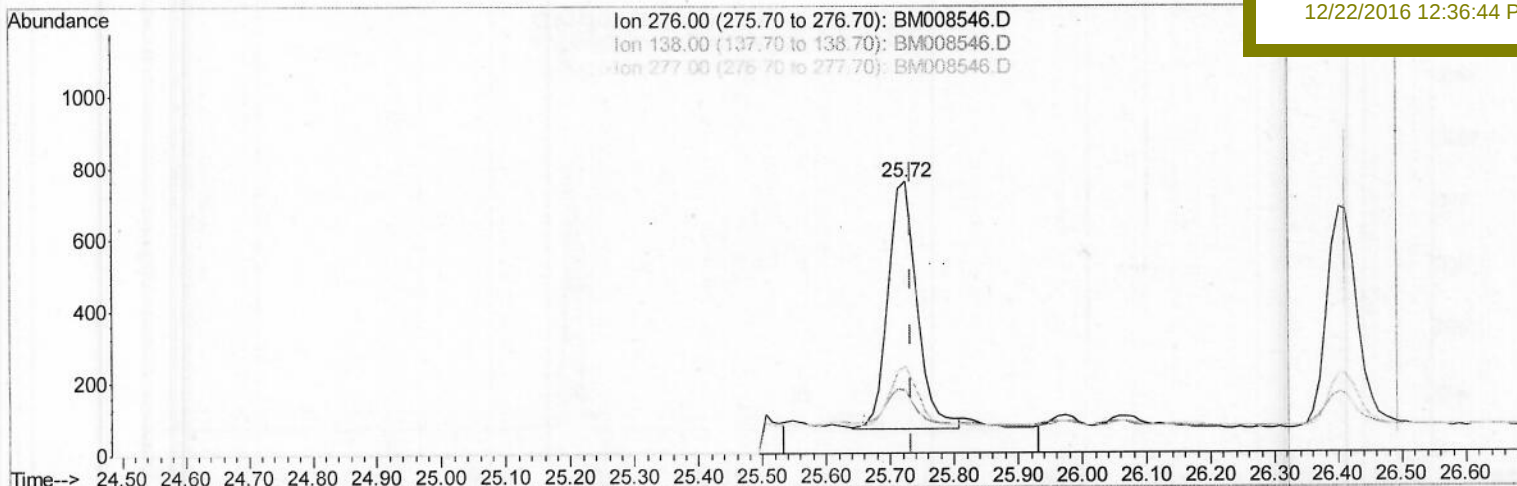
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 22 11:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 DA7H8

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

25.724min (-0.010) 0.40ng/ul m

response 2165

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

S-J
 12122116

Quantitation Report (Qedit)

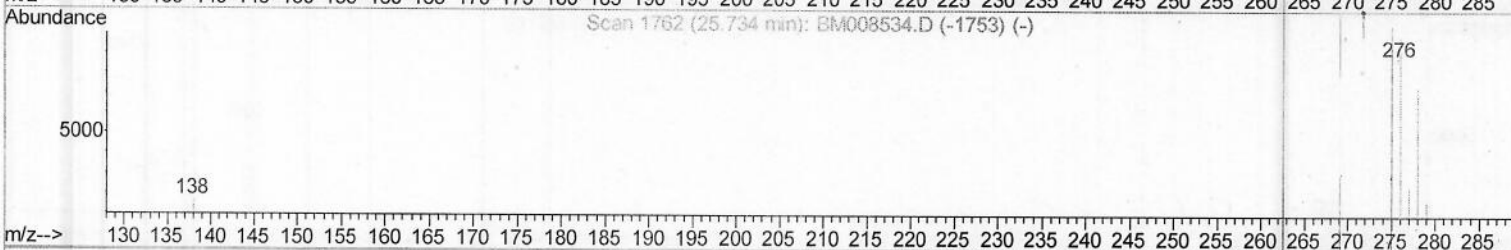
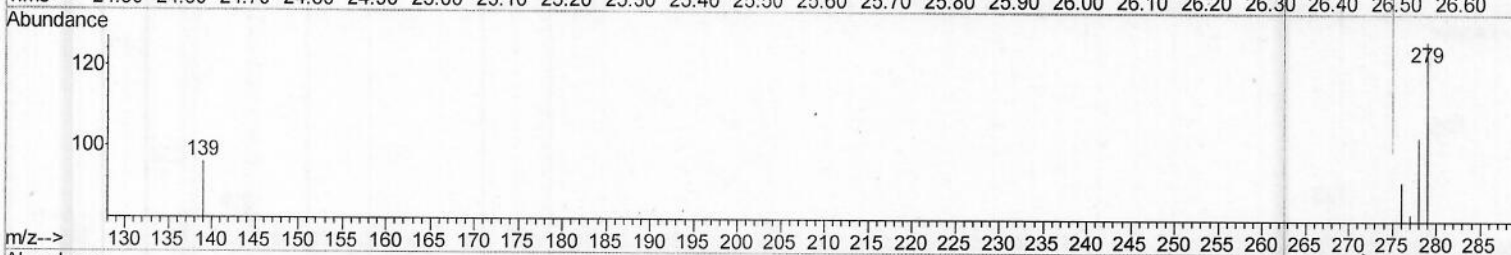
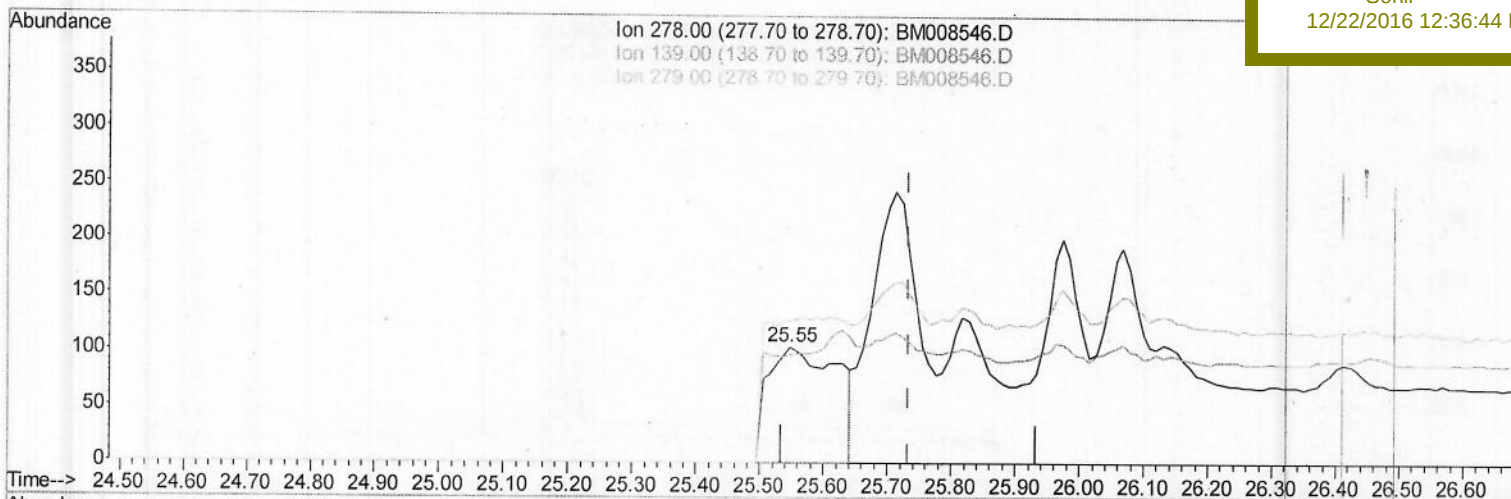
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 22 11:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7H8

Manual Integrations
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TIC: BM008546.D

(25) Dibenzo(a,h)anthracene

25.547min (-0.187) 0.18ng/ul

response 773

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	93.20#
279.00	32.40	123.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

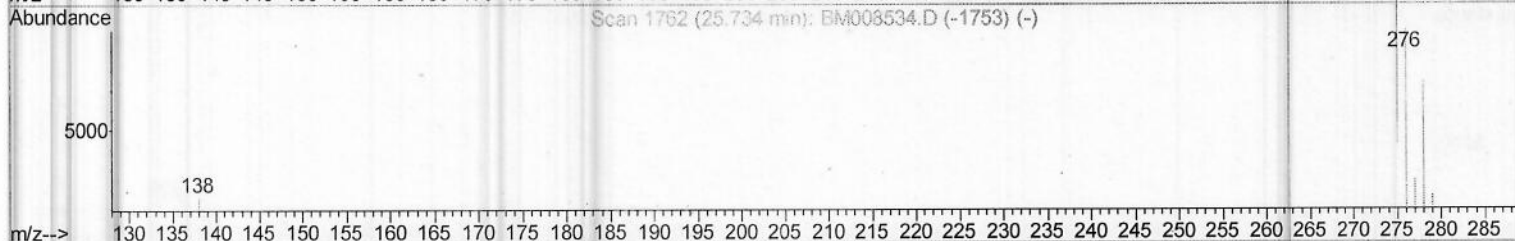
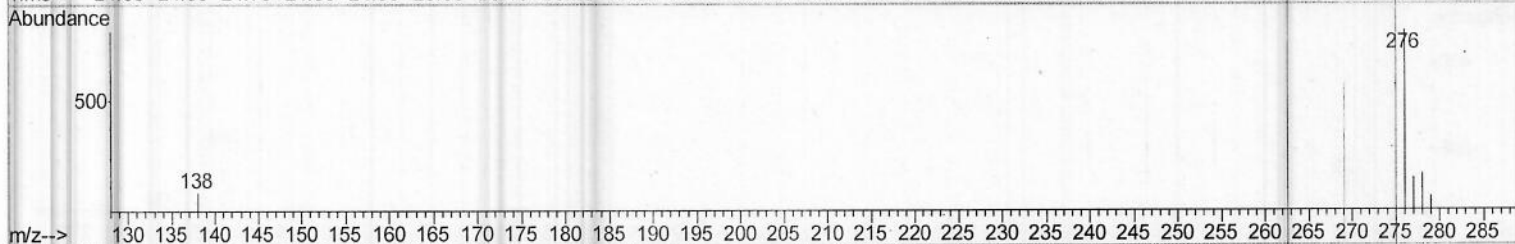
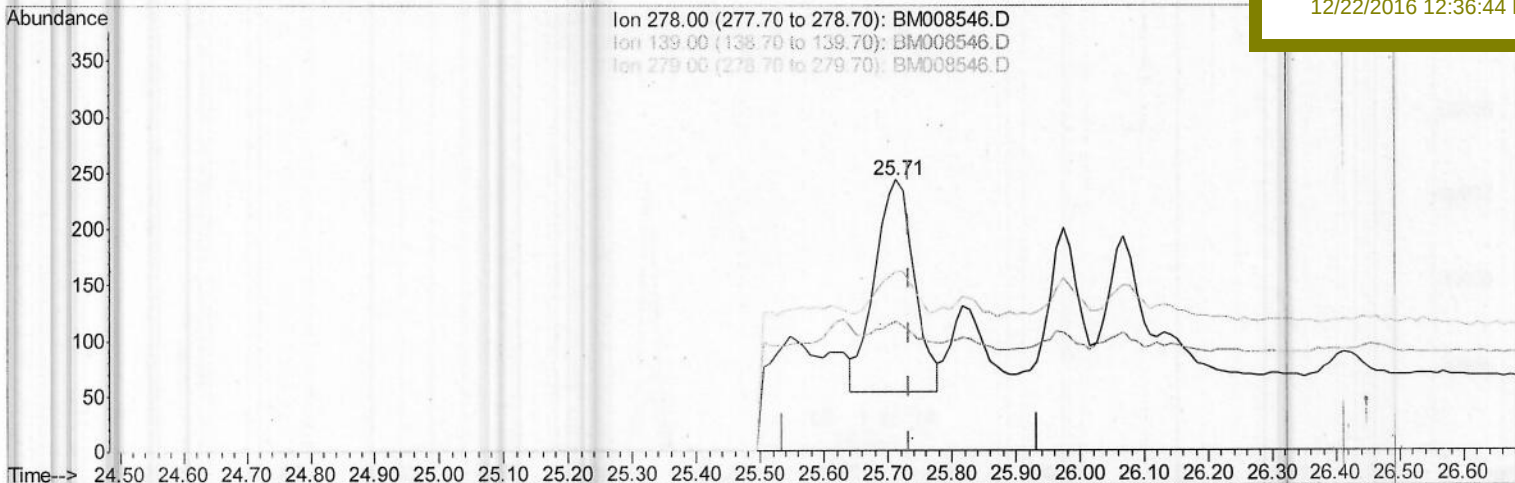
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 22 11:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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 QLast Update : Thu Dec 22 02:22:34 2016
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Instrument :
 BNA_M
 ClientSampleId :
 DA7H8

Manual Integrations
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TIC: BM008546.D

(25) Dibenzo(a,h)anthracene

25.714min (-0.021) 0.19ng/ul m

response 814

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	47.74#
279.00	32.40	66.26#
0.00	0.00	0.00

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 12122116

Quantitation Report (Qedit)

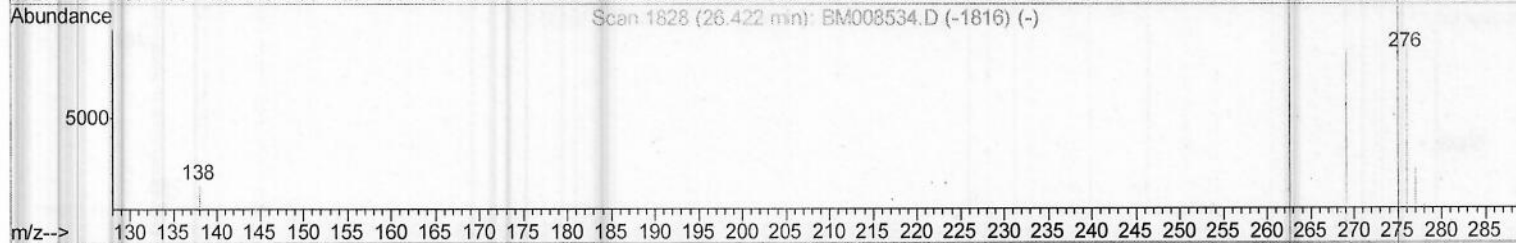
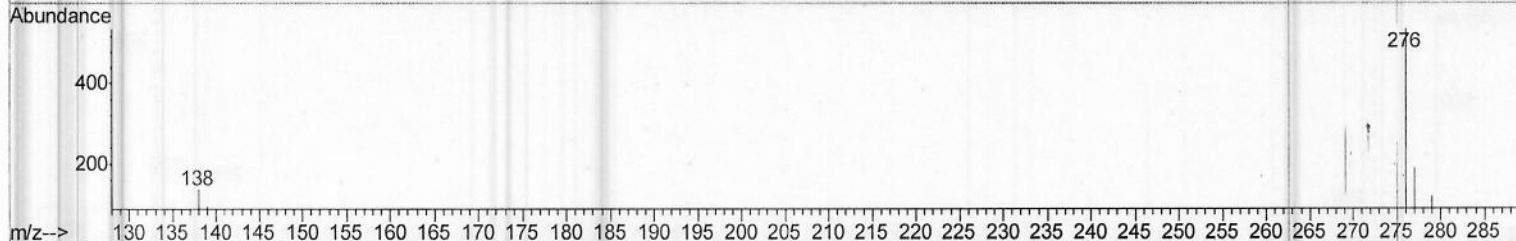
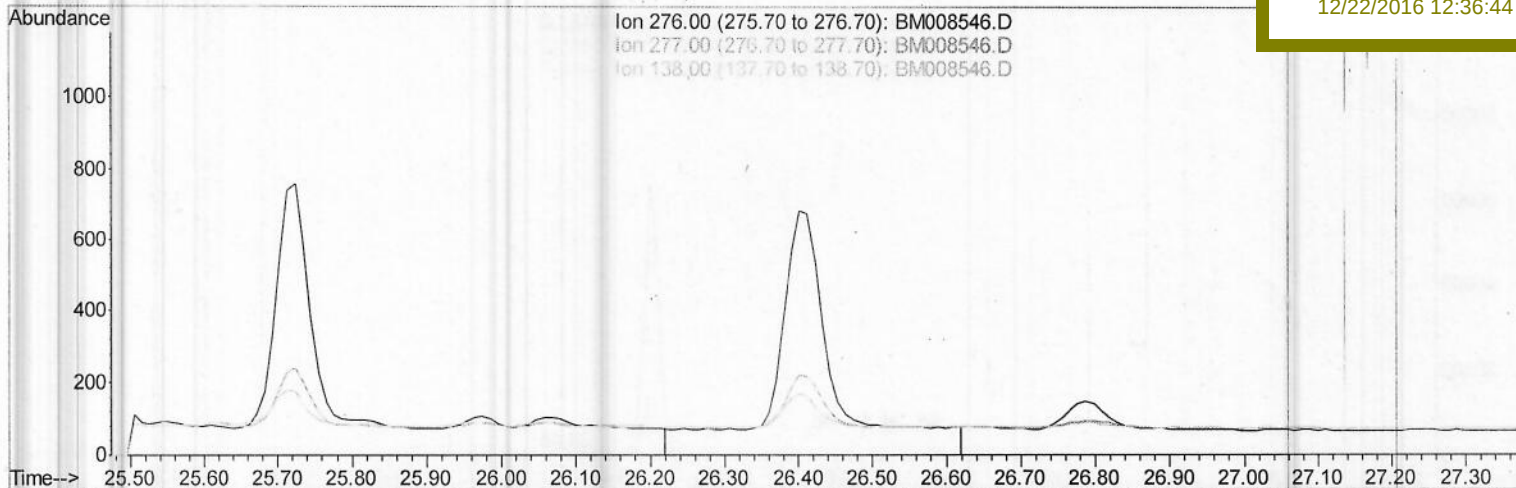
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 22 11:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:22:34 2016
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Instrument :
 BNA_M
 ClientSampleId :
 DA7H8

Manual Integrations
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TIC: BM008546.D

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

26.422min (-26.422) 0.00ng/ui

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)

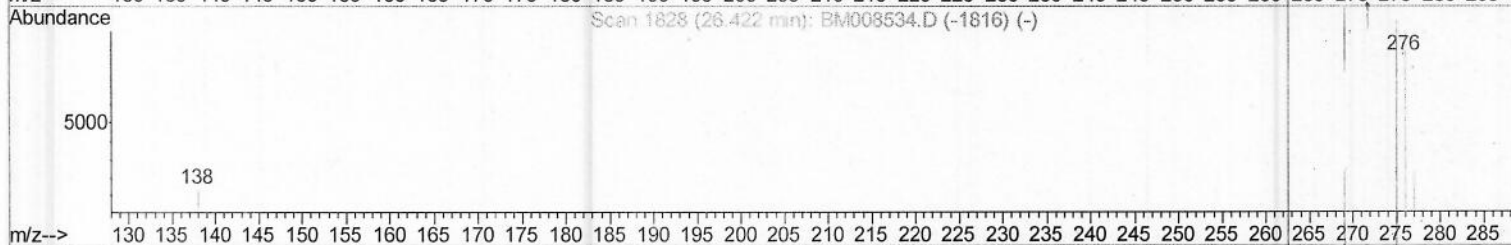
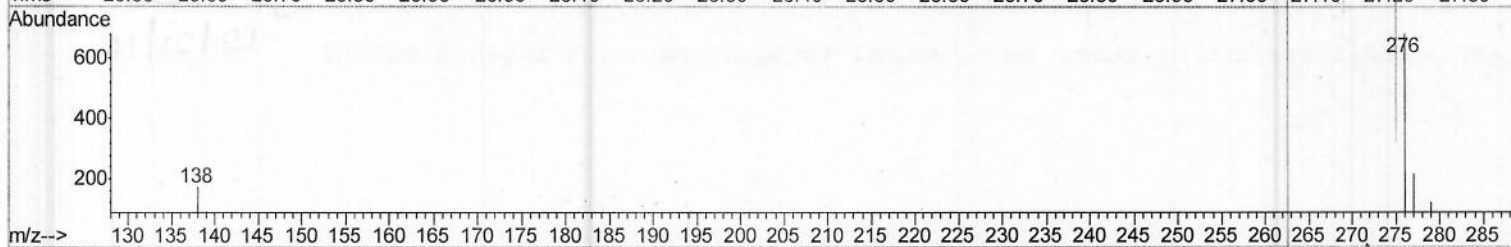
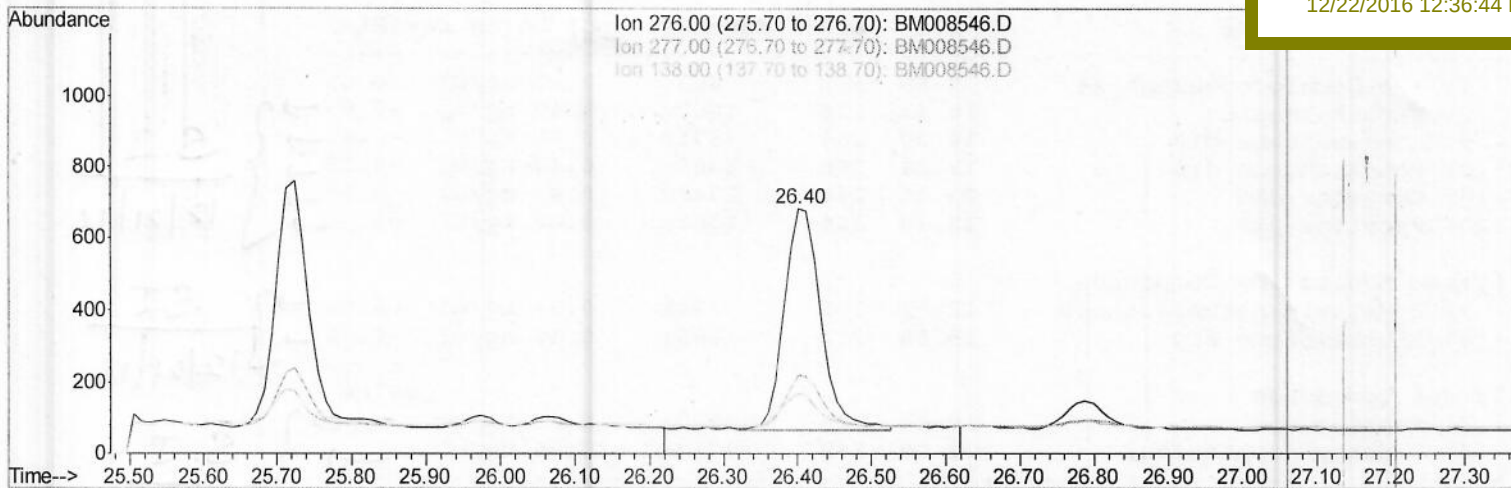
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 22 11:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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 QLast Update : Thu Dec 22 02:22:34 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7H8

Manual Integrations
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TIC: BM008546.D

(26) Benzo(g,h,i)perylene
 26.402min (-0.021) 0.46ng/ul m
 response 2131

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	32.06
138.00	25.60	24.89
0.00	0.00	0.00

S.J
 12122116

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008546.D
 Acq On : 22 Dec 2016 08:37
 Operator : UM/SJ
 Sample : H6069-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample ID :
 DA7H8

Quant Time: Dec 22 11:51:37 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	472	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	1497	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.28	164	993	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1879m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1601	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1239m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1076	0.47	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	2332m	0.45	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.46	128	2200	0.52	ng/ul#	94
5) 2-Methylnaphthalene	12.09	142	2031	0.72	ng/ul	99
7) Acenaphthylene	14.01	152	515	0.11	ng/ul#	56
8) Acenaphthene	14.35	153	333	0.10	ng/ul#	91
9) Fluorene	15.34	166	240	0.06	ng/ul#	56
12) Phenanthrene	17.07	178	6261	1.09	ng/ul	99
13) Anthracene	17.18	178	1440m	0.26	ng/ul	
15) Fluoranthene	19.11	202	4940	0.70	ng/ul	98
17) Pyrene	19.47	202	4081m	0.66	ng/ul	
18) Benzo(a)anthracene	21.23	228	3020	0.57	ng/ul#	91
19) Chrysene	21.28	228	3783m	0.66	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	5297m	1.09	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	1594m	0.33	ng/ul	
23) Benzo(a)pyrene	23.37	252	2682m	0.59	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	2165m	0.40	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	814m	0.19	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	2131m	0.46	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008546.D
Acq On : 22 Dec 2016 08:37
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Misc :
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ClientSampleId :
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Manual Integrations
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