

Quantitation Report (Qedit)

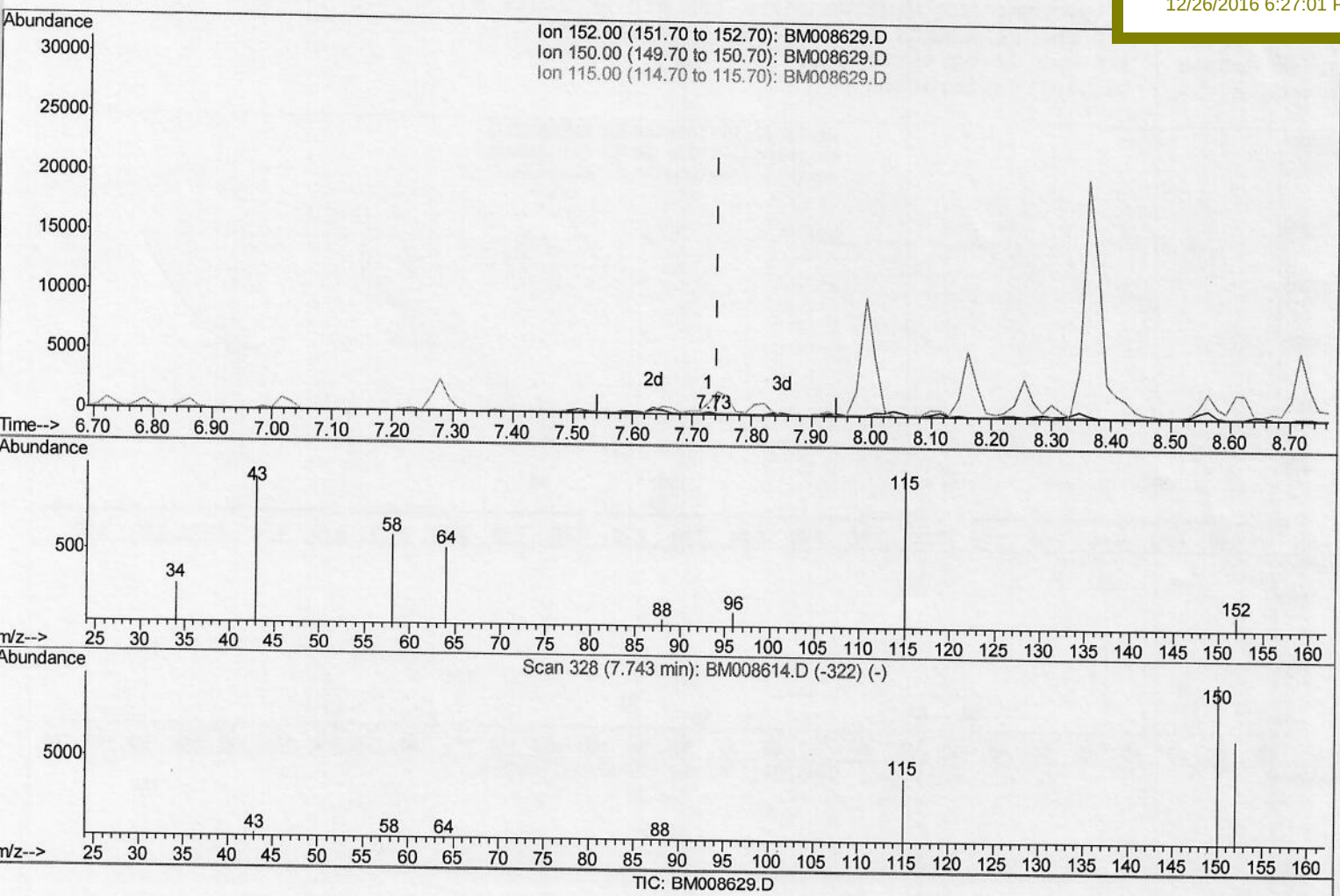
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008629.D
 Acq On : 24 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T9

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:27:01 PM

Quant Time: Dec 25 05:22:29 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



(1) 1,4-Dichlorobenzene-d4 (I)

7.728min (-0.015) 0.40ng/ul

response 152

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	47.37#
115.00	64.90	654.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

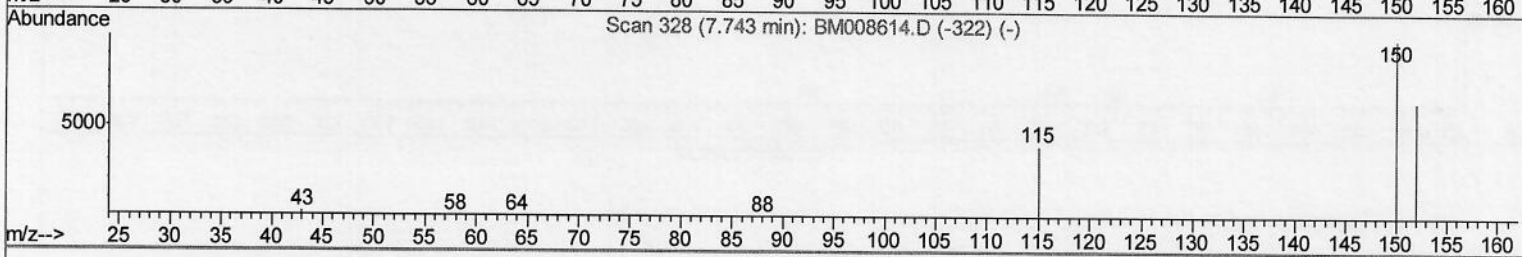
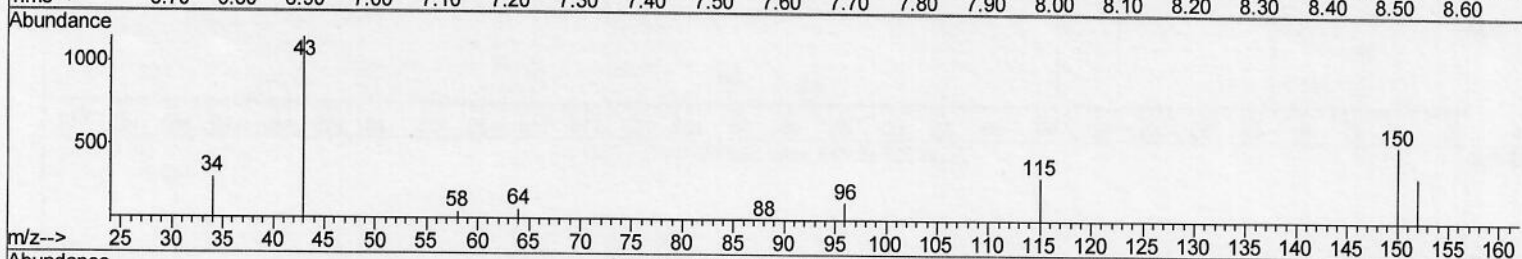
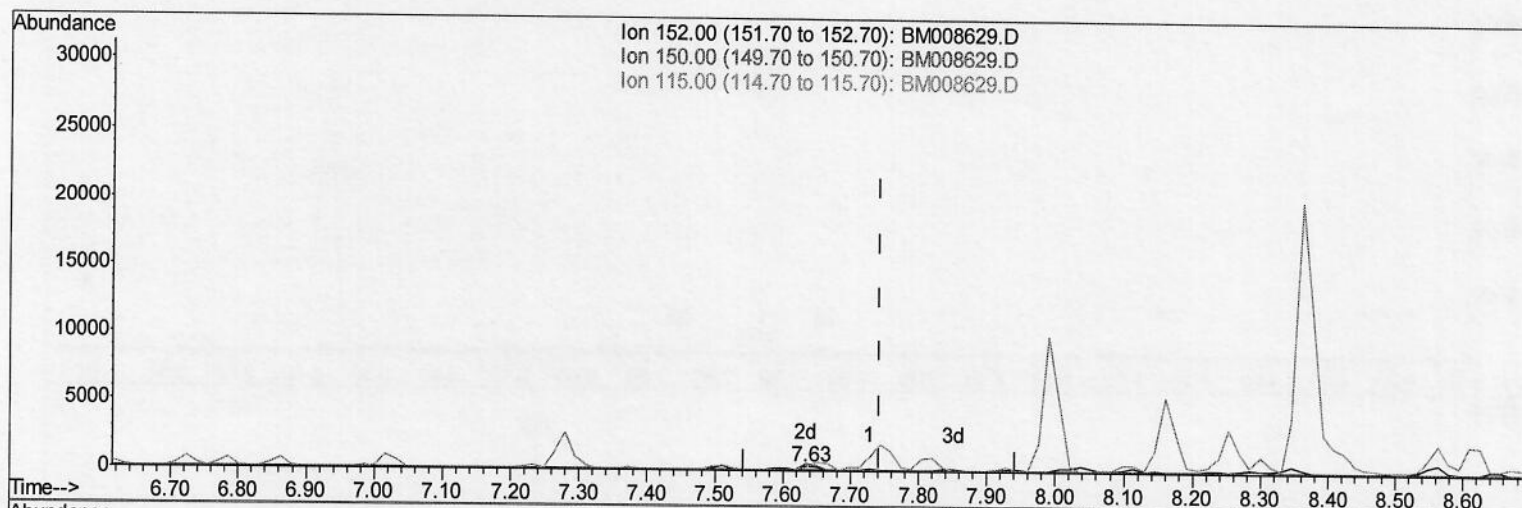
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
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Manual Integrations
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Quant Time: Dec 25 05:24:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008629.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.635min (-0.108) 0.40ng/ul m

response 430

Ion Exp% Act%

152.00 100 100

150.00 143.40 153.67

115.00 64.90 94.72#

0.00 0.00 0.00

79.7
 12/27/16

Quantitation Report (Qedit)

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 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

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Manual Integrations

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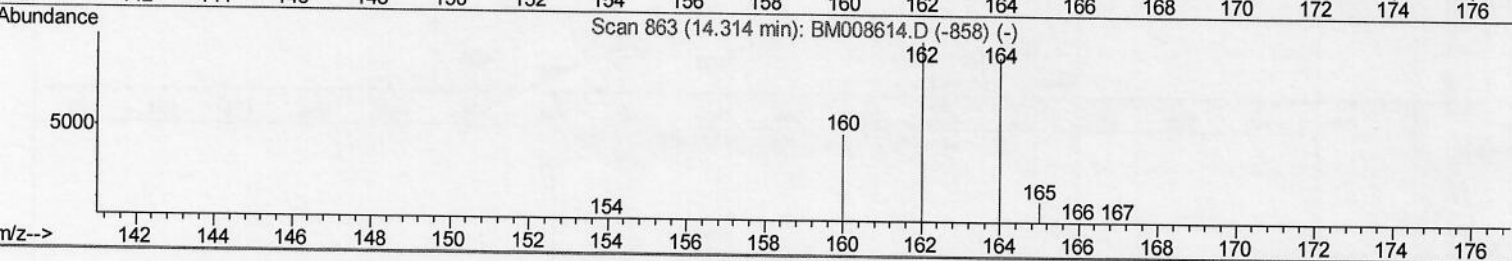
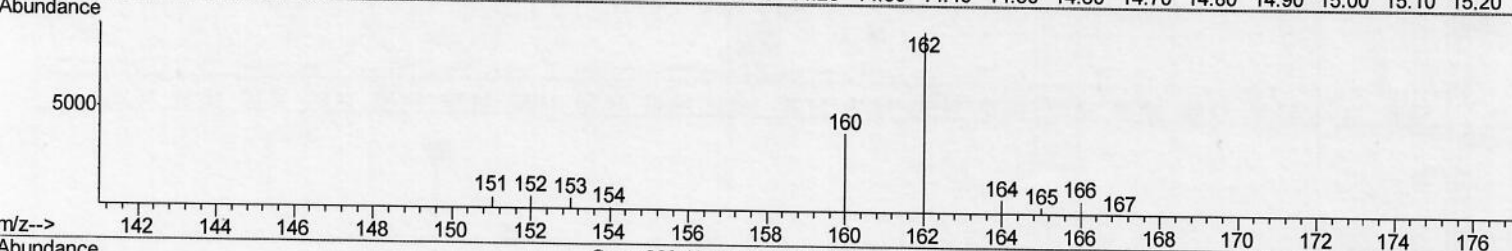
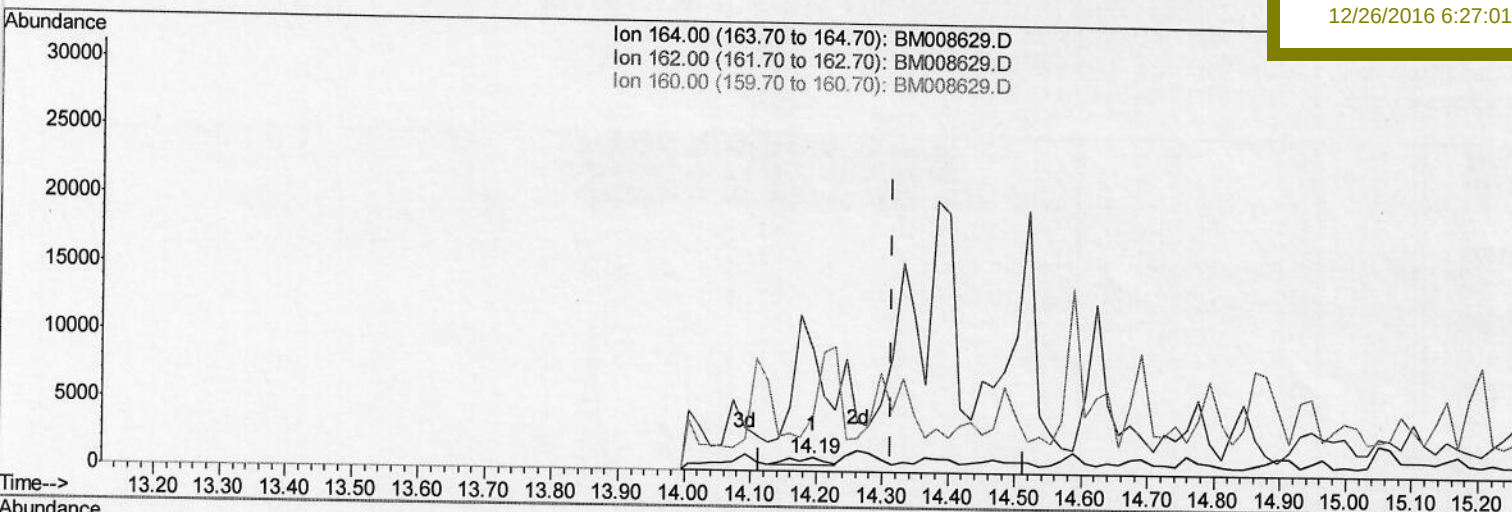
Quant Time: Dec 25 05:24:08 2016

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC: BM008629.D

(6) Acenaphthene-d10 (I)

14.194min (-0.120) 0.40ng/ul

response 1658

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	929.96#
160.00	48.80	420.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

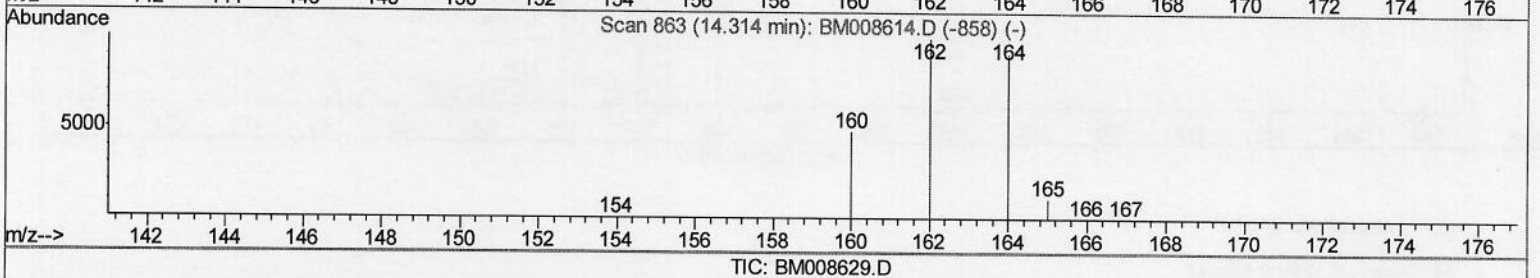
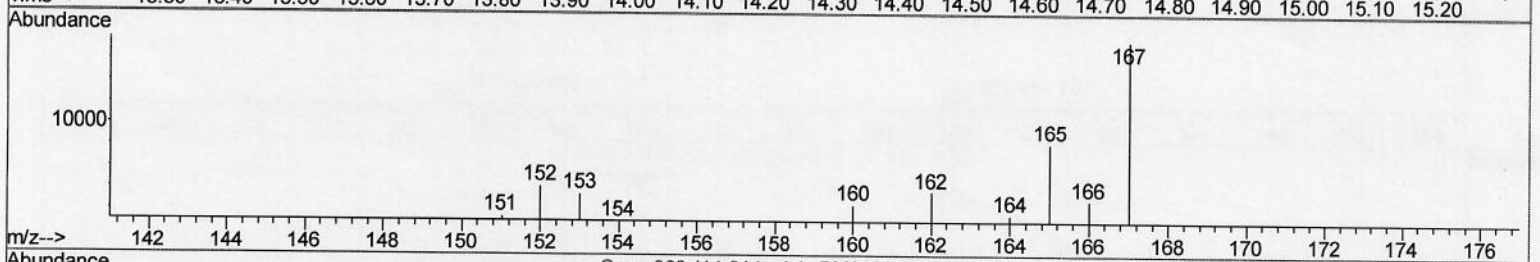
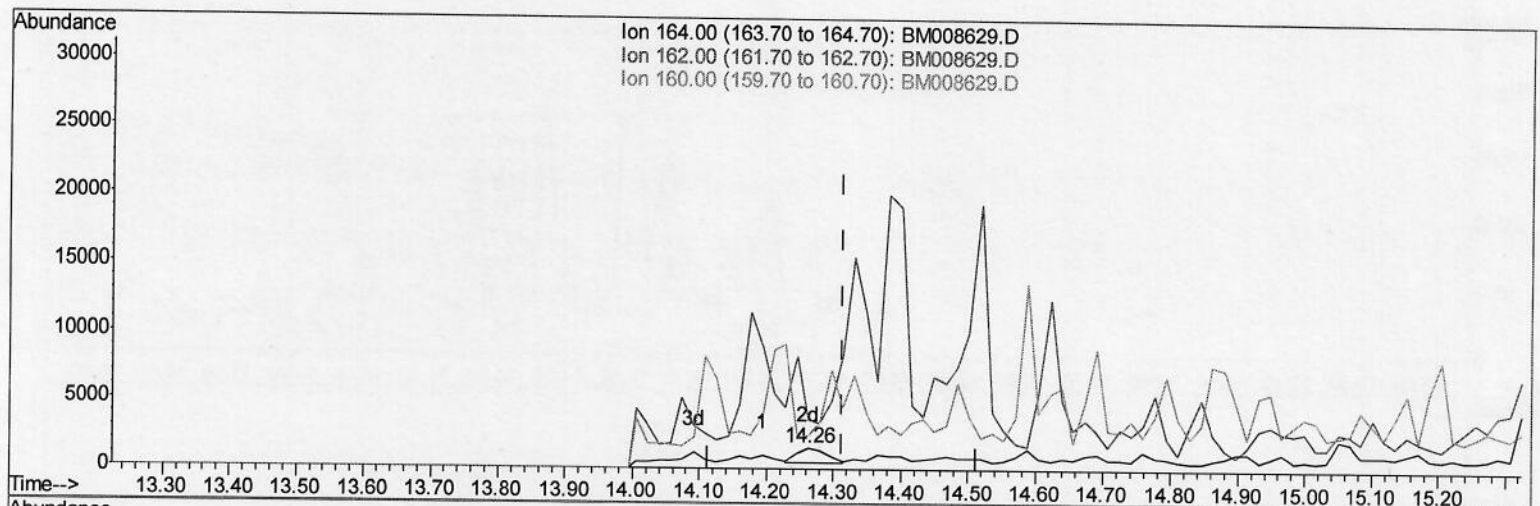
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TIC: BM008629.D

(6) Acenaphthene-d10 (I)

14.263min (-0.051) 0.40ng/ul m

response 3303

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	236.96#
160.00	48.80	158.10#
0.00	0.00	0.00

5.9
 12/27/16

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Instrument :

BNA_M

ClientSampleId :

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Manual Integrations

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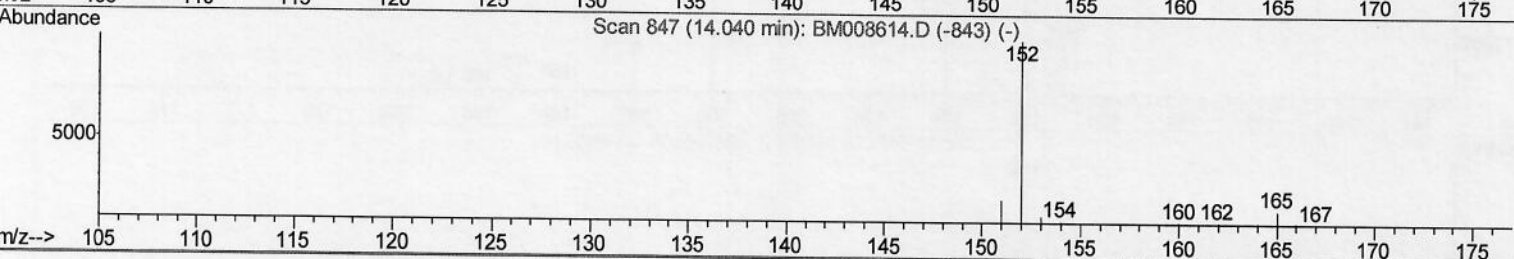
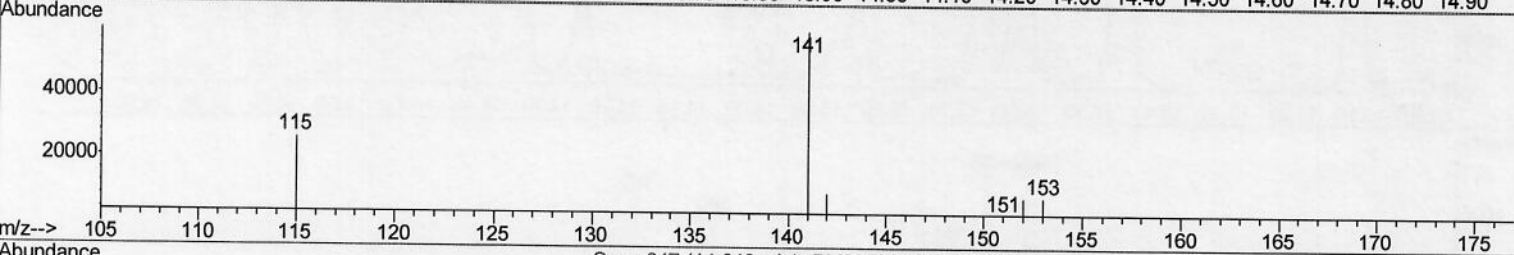
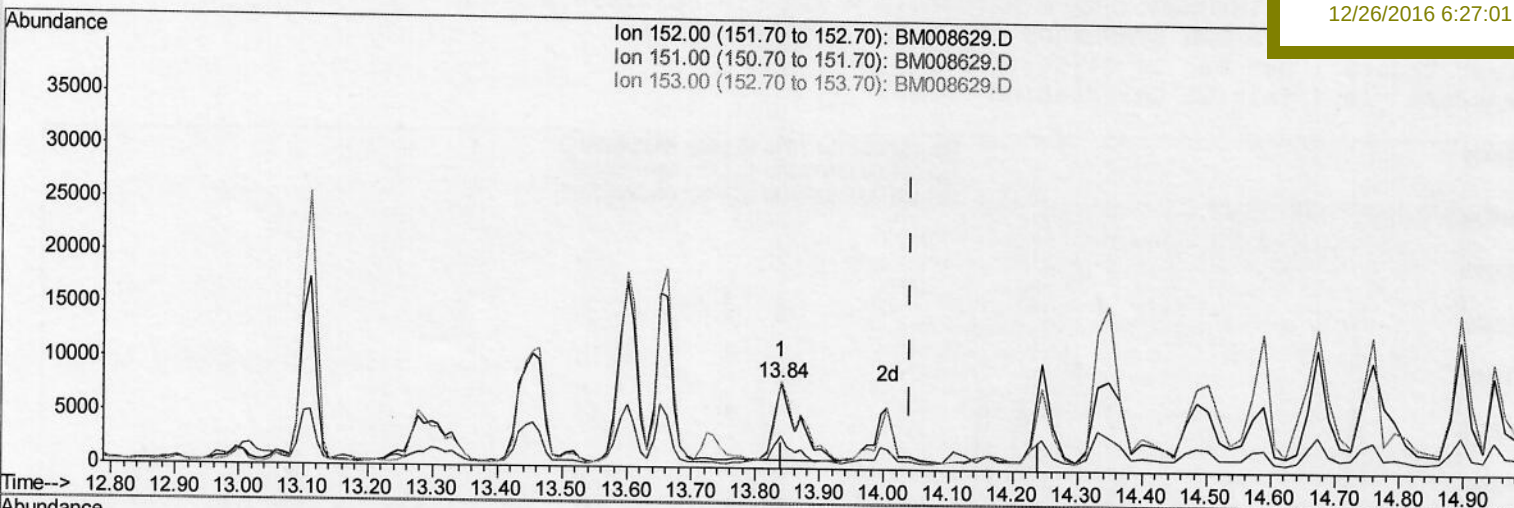
Quant Time: Dec 25 05:26:33 2016

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC: BM008629.D

(7) Acenaphthylene

13.839min (-0.201) 1.17ng/ul

response 17526

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	37.69#
153.00	16.00	100.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

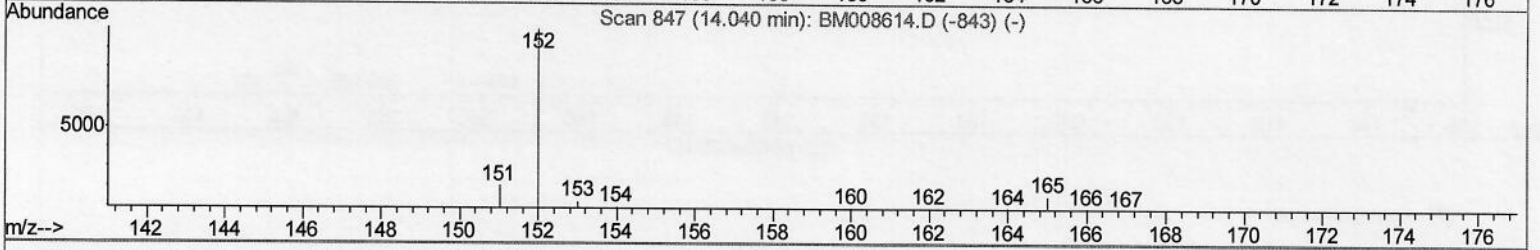
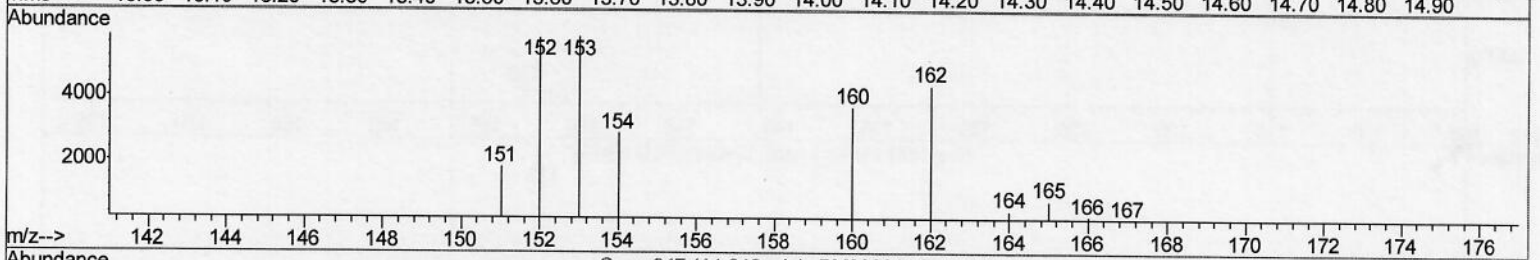
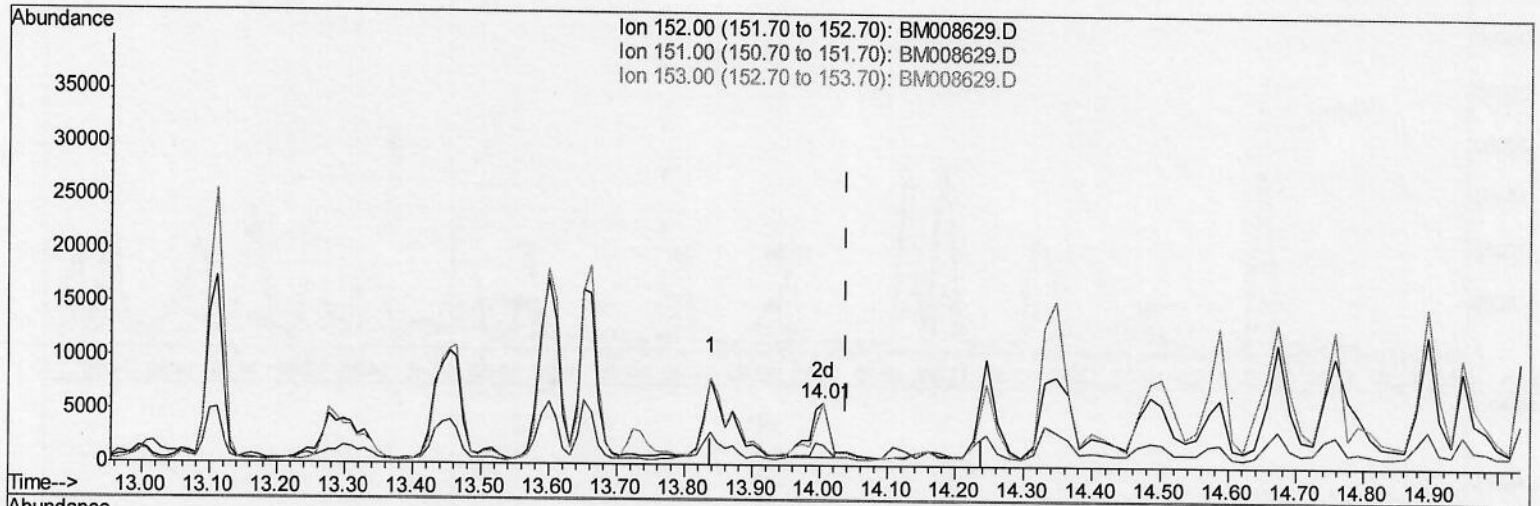
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 Data File : BM008629.D
 Acq On : 24 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T9

Manual Integrations
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TIC: BM008629.D

(7) Acenaphthylene

14.006min (-0.034) 0.64ng/ul m

response 9501

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	31.15#
153.00	16.00	100.34#
0.00	0.00	0.00

> 9.9
 12/27/16

Quantitation Report (Qedit)

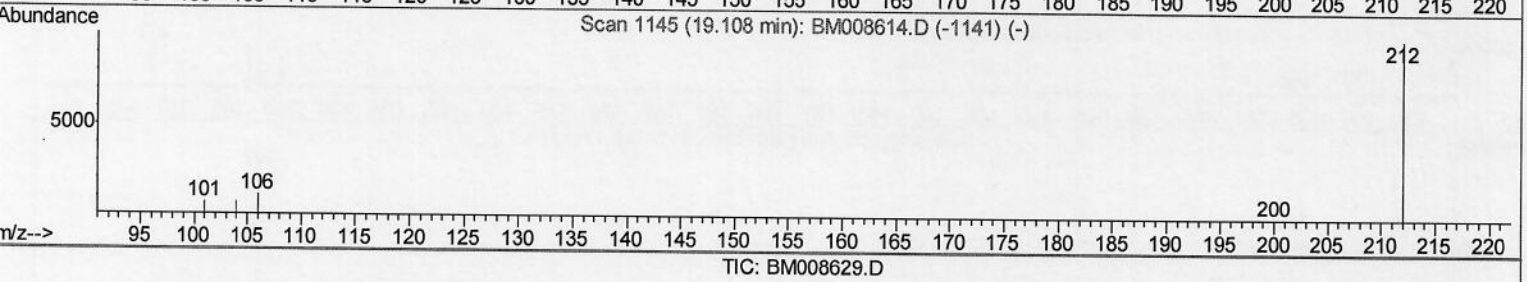
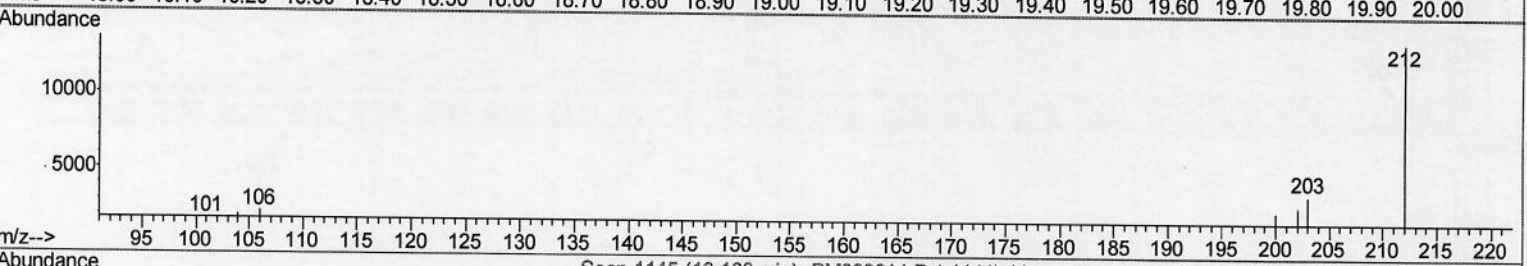
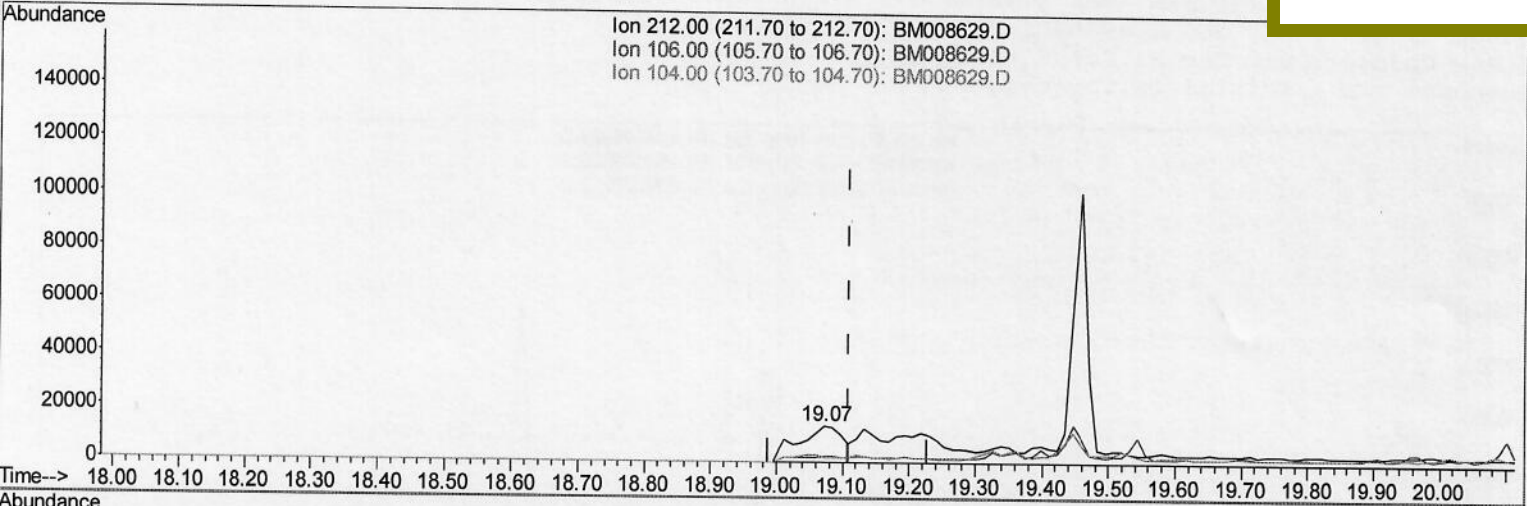
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008629.D
 Acq On : 24 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T9

Manual Integrations
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Quant Time: Dec 25 05:26:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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(14) Fluoranthene-d10 (SURR)

19.072min (-0.036) 2.17ng/ul

response 66852

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	21.21
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

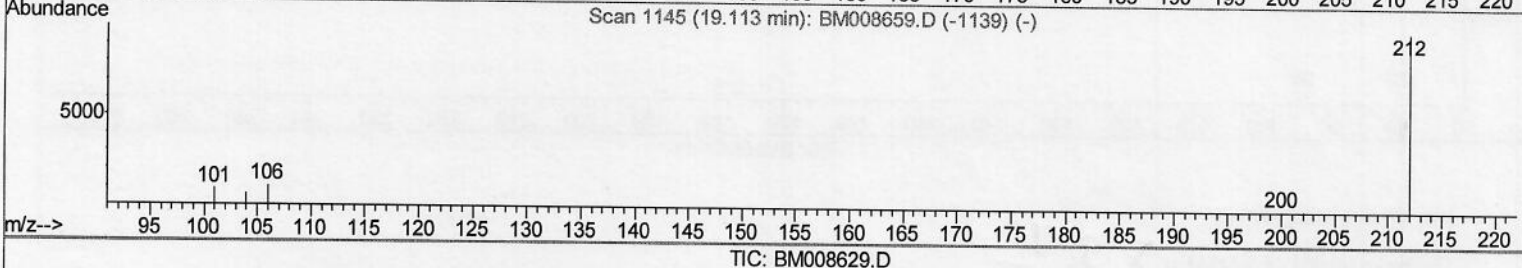
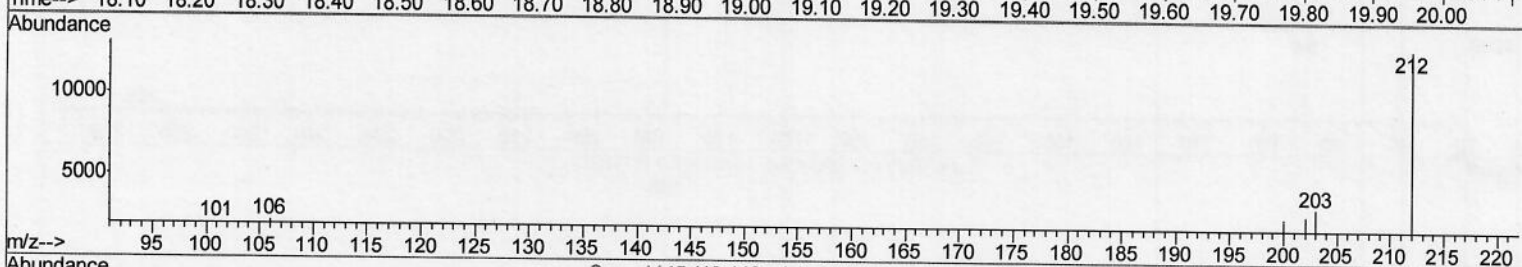
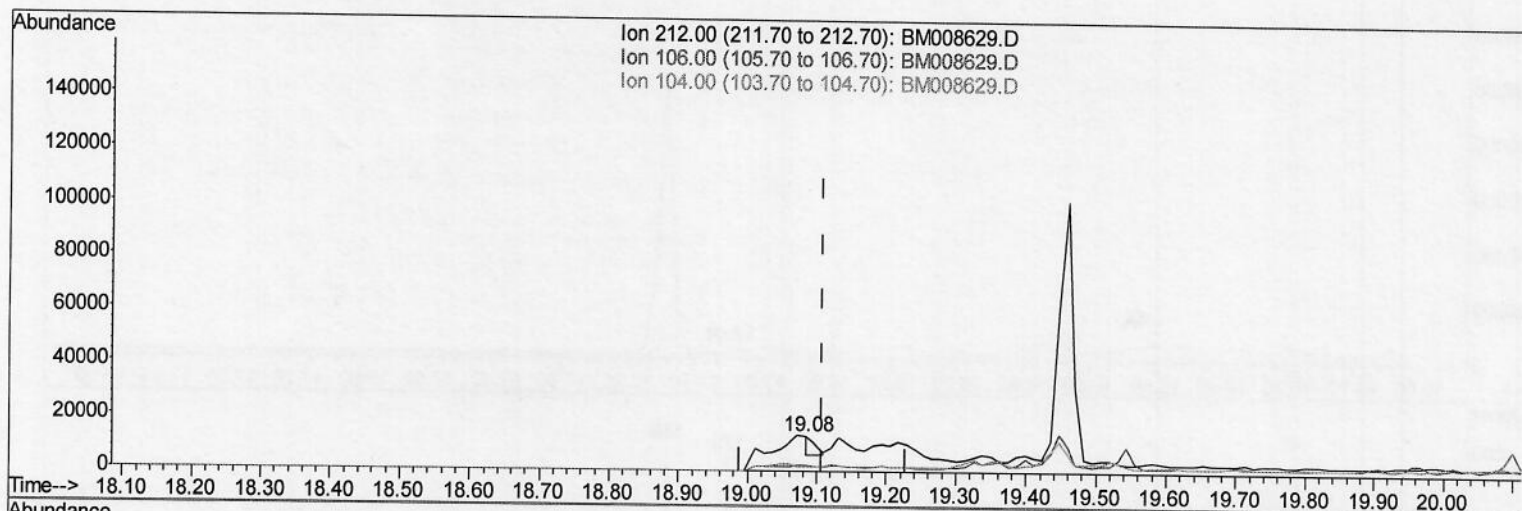
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008629.D
 Acq On : 24 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA8T9

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:27:01 PM

Quant Time: Dec 25 05:36:06 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



(14) Fluoranthene-d10 (SURR)

19.084min (-0.024) 0.47ng/ul m

response 3496

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	405.52#
104.00	15.60	0.00#
0.00	0.00	0.00

5.5
 12/27/16

Quantitation Report (Qedit)

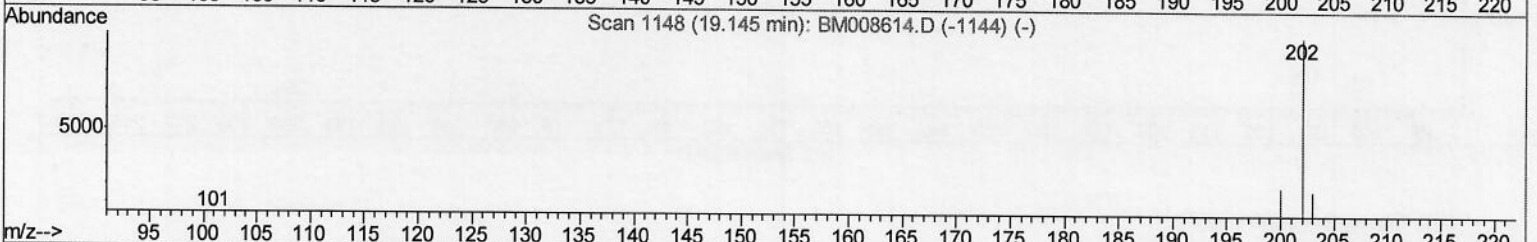
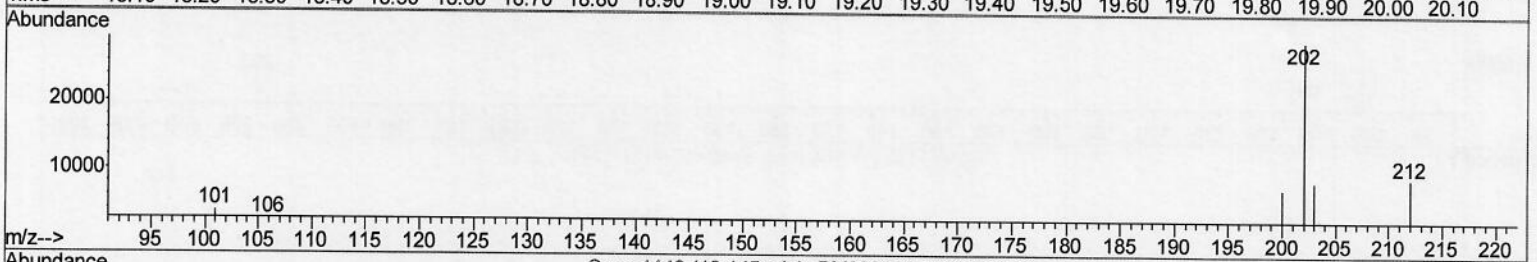
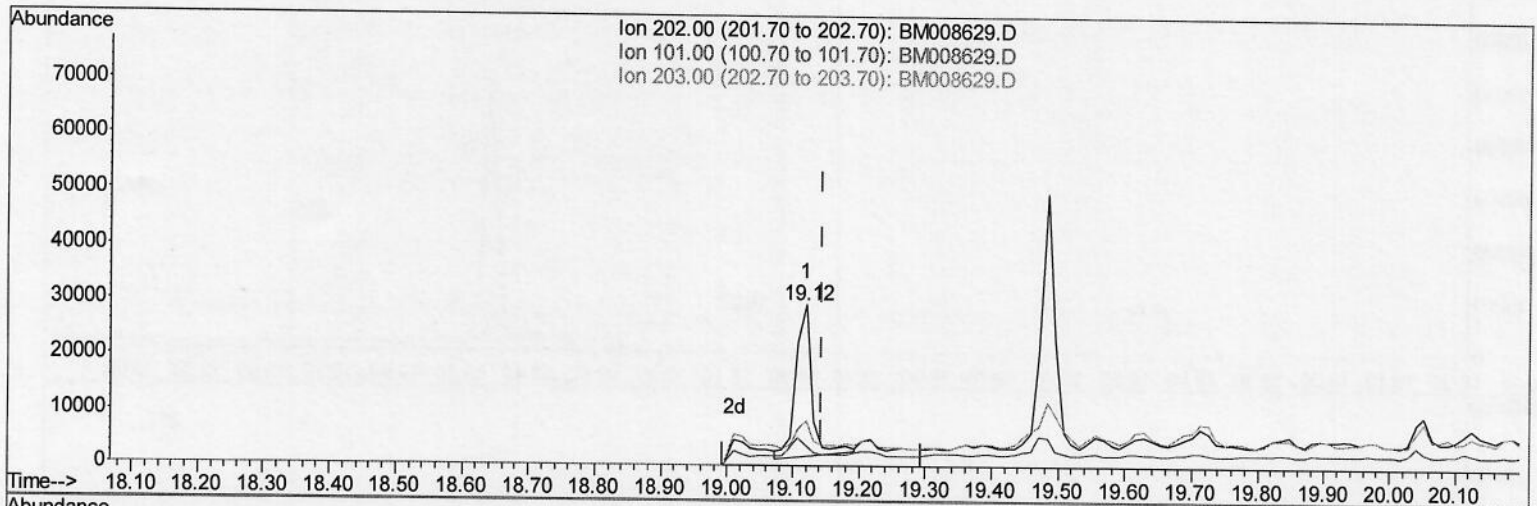
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008629.D
 Acq On : 24 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T9

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:27:01 PM

Quant Time: Dec 25 05:26:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008629.D

(15) Fluoranthene (C)

19.120min (-0.024) 1.14ng/ul

response 47507

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	12.44
203.00	19.50	28.49
0.00	0.00	0.00

Quantitation Report (Qedit)

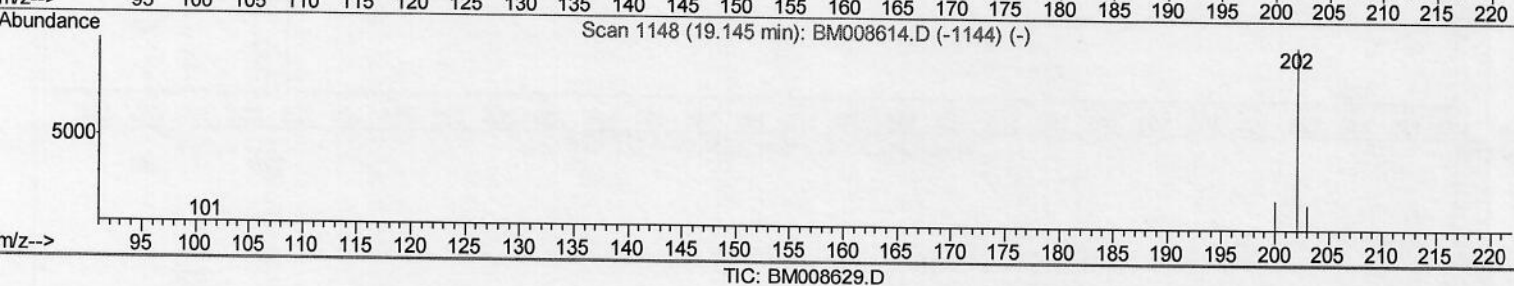
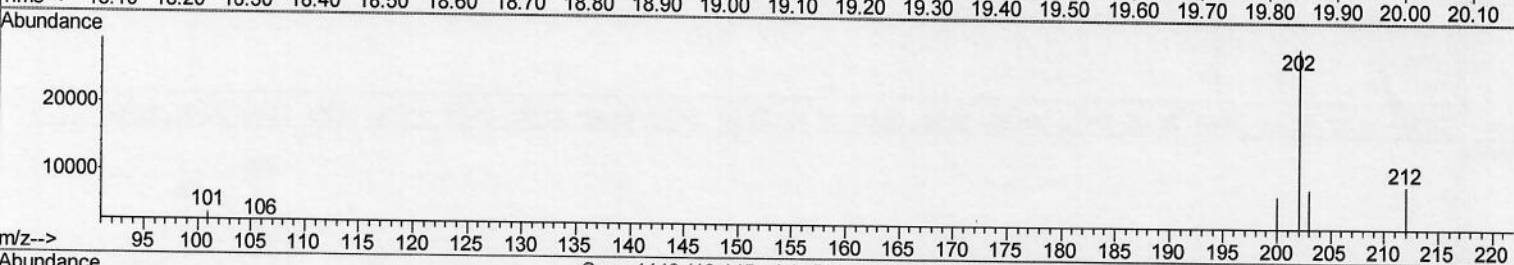
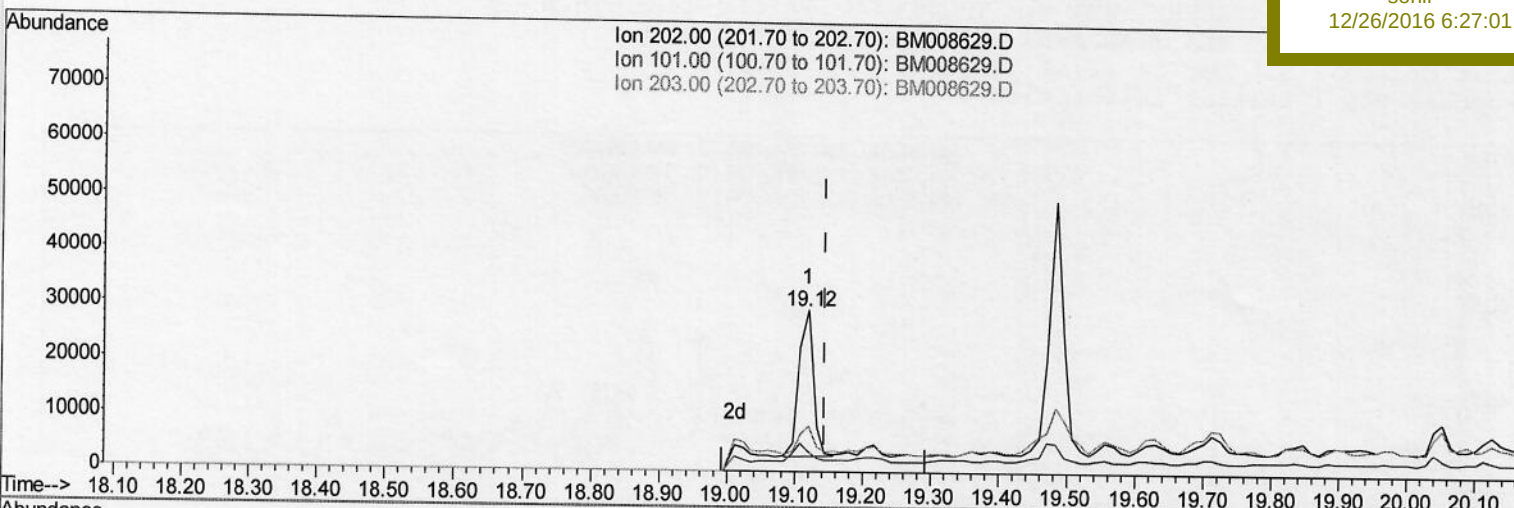
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 Data File : BM008629.D
 Acq On : 24 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T9

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:27:01 PM

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(15) Fluoranthene (C)

19.120min (-0.024) 0.96ng/ul m

response 40056

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	12.44
203.00	19.50	28.49
0.00	0.00	0.00

> 5.1
 12/27/16

Quantitation Report (Qedit)

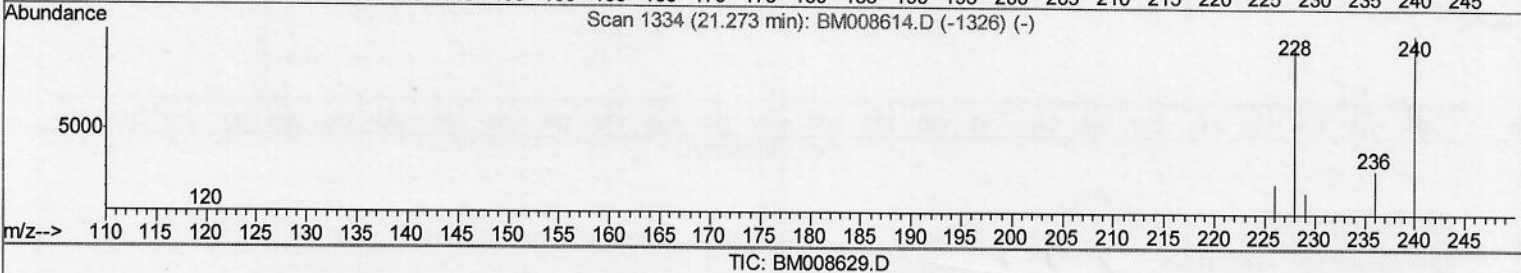
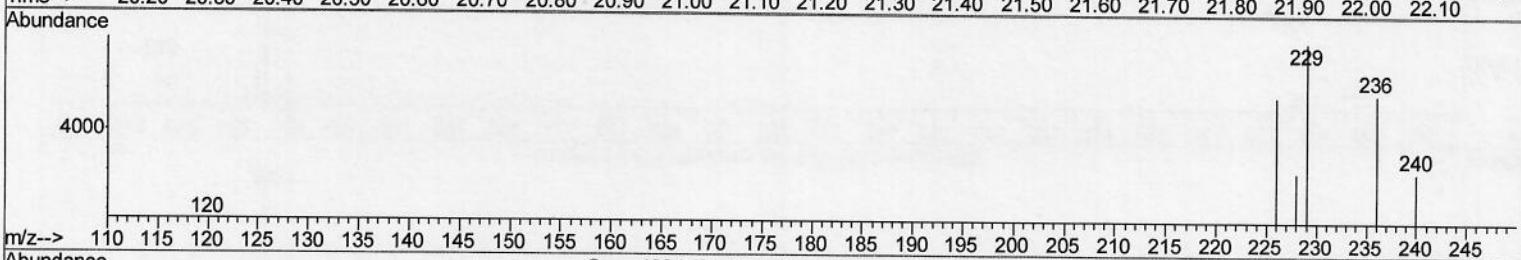
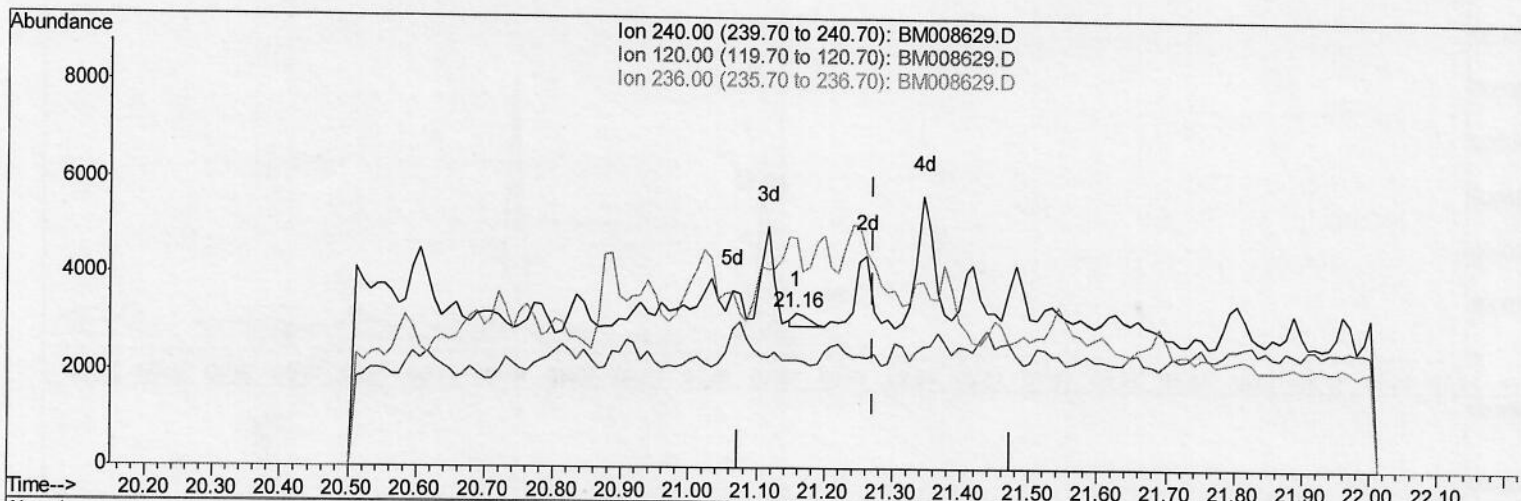
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Instrument :
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 Client Sampled :
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Manual Integrations
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(16) Chrysene-d12 (I)

21.158min (-0.115) 0.40ng/ul

response 433

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	69.10#
236.00	34.90	147.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

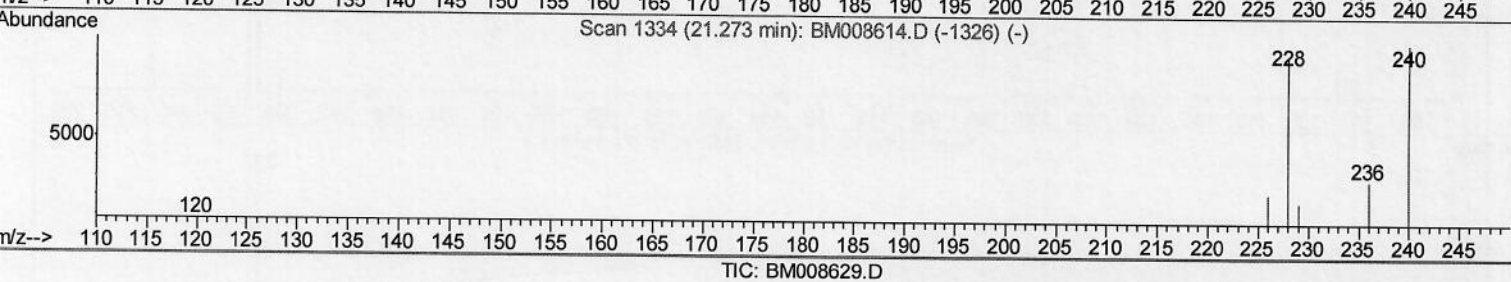
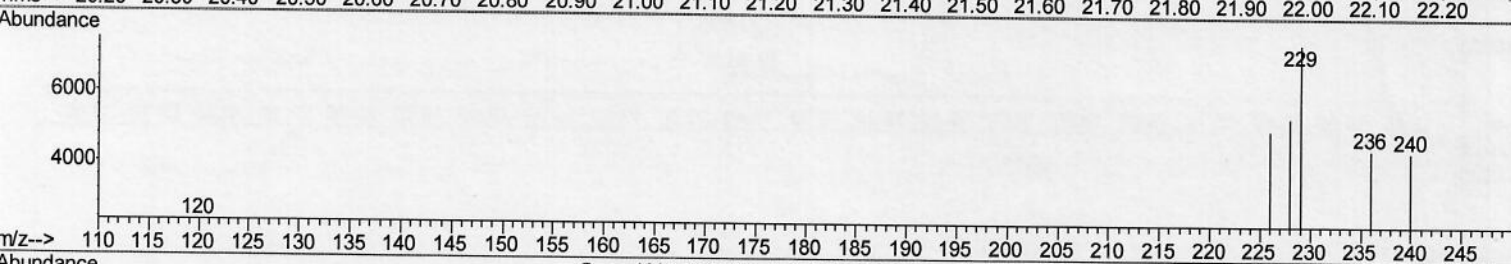
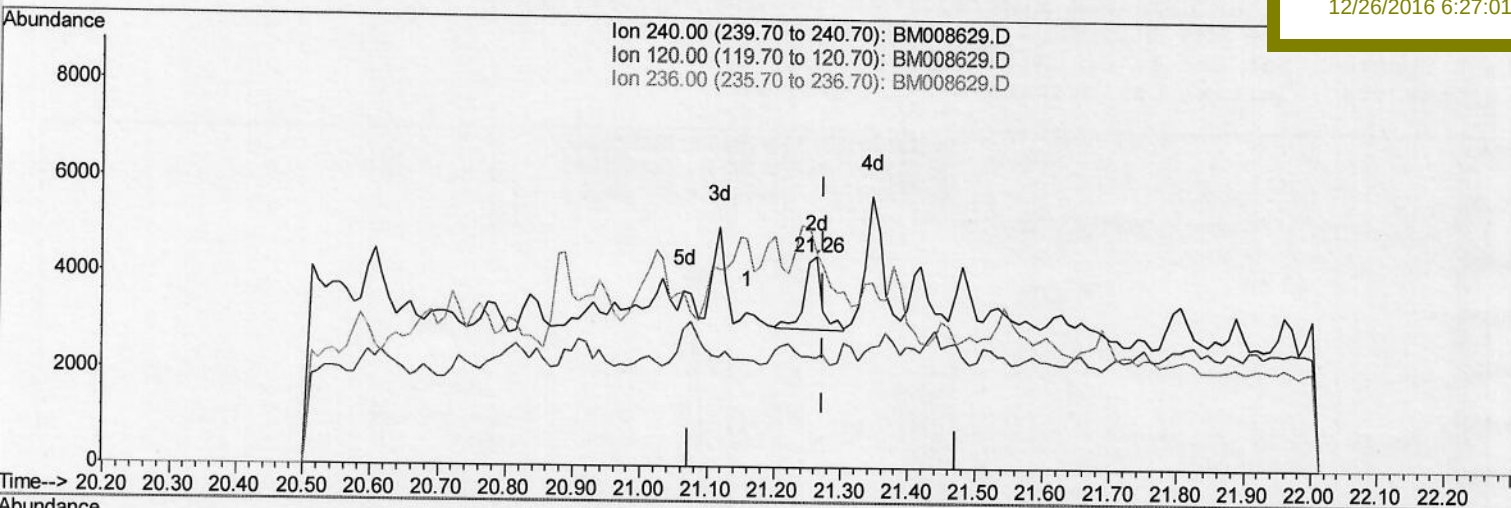
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(16) Chrysene-d12 (I)

21.262min (-0.010) 0.40ng/ul m

response 2776

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	52.27#
236.00	34.90	101.72#
0.00	0.00	0.00

> 5.5
 12/27/16

Quantitation Report (Qedit)

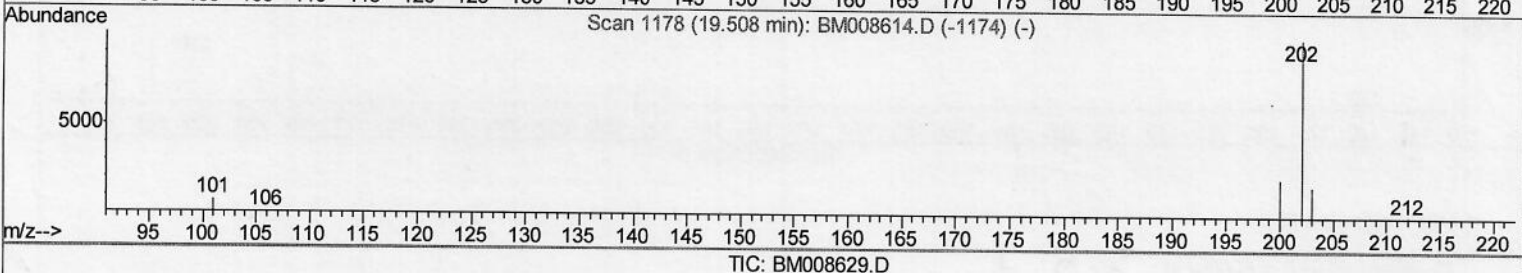
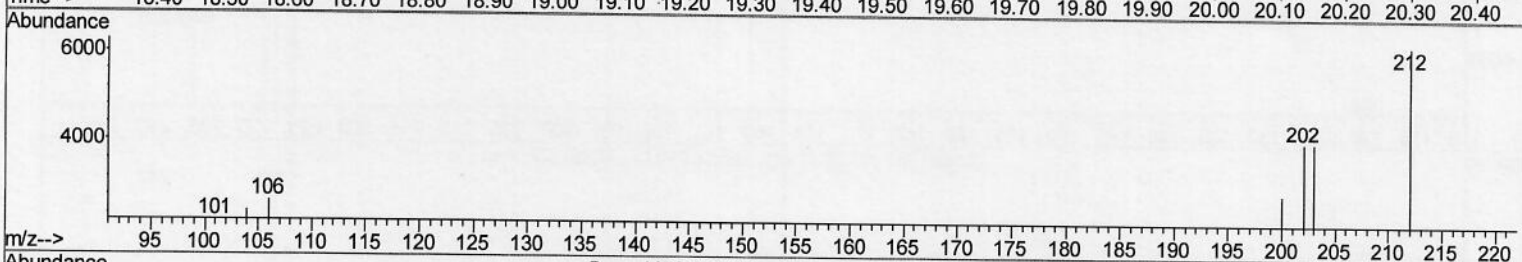
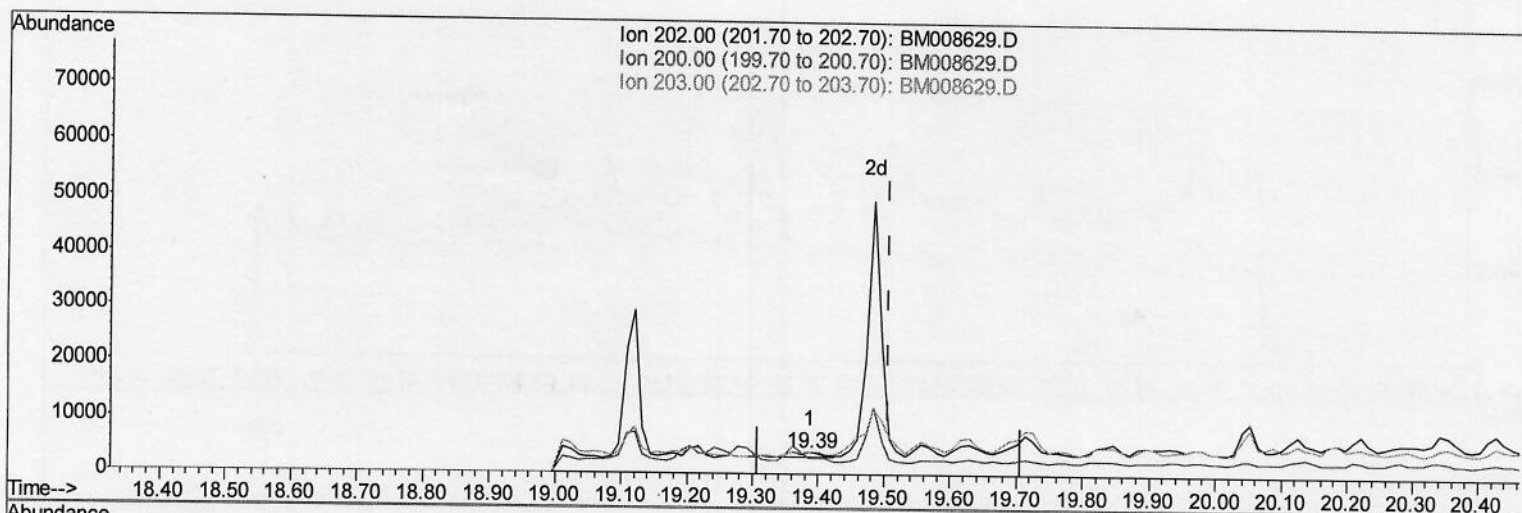
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(17) Pyrene

19.387min (-0.121) 0.29ng/ul

response 3093

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	71.86#
203.00	19.50	99.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

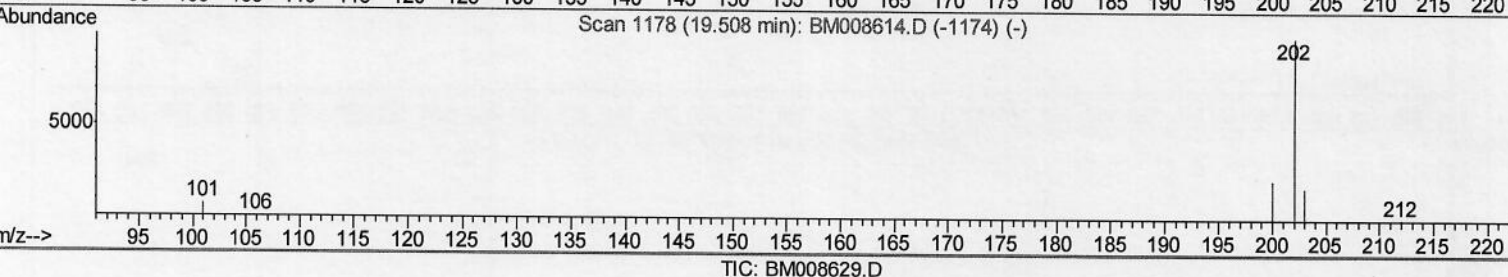
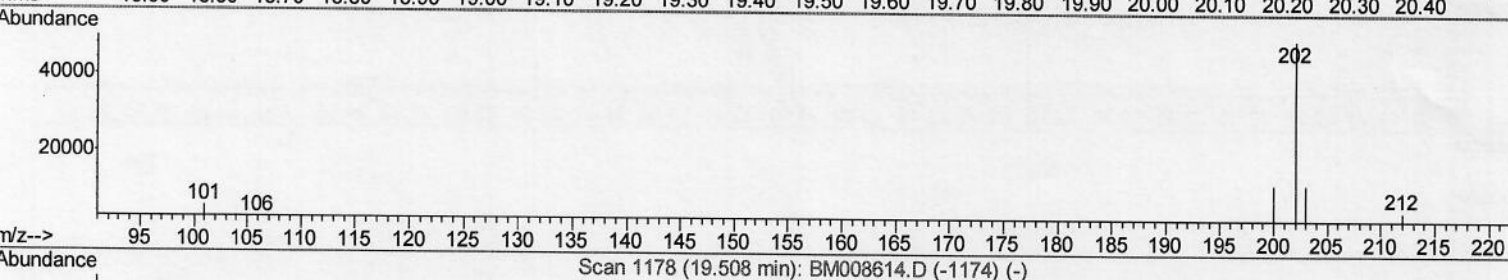
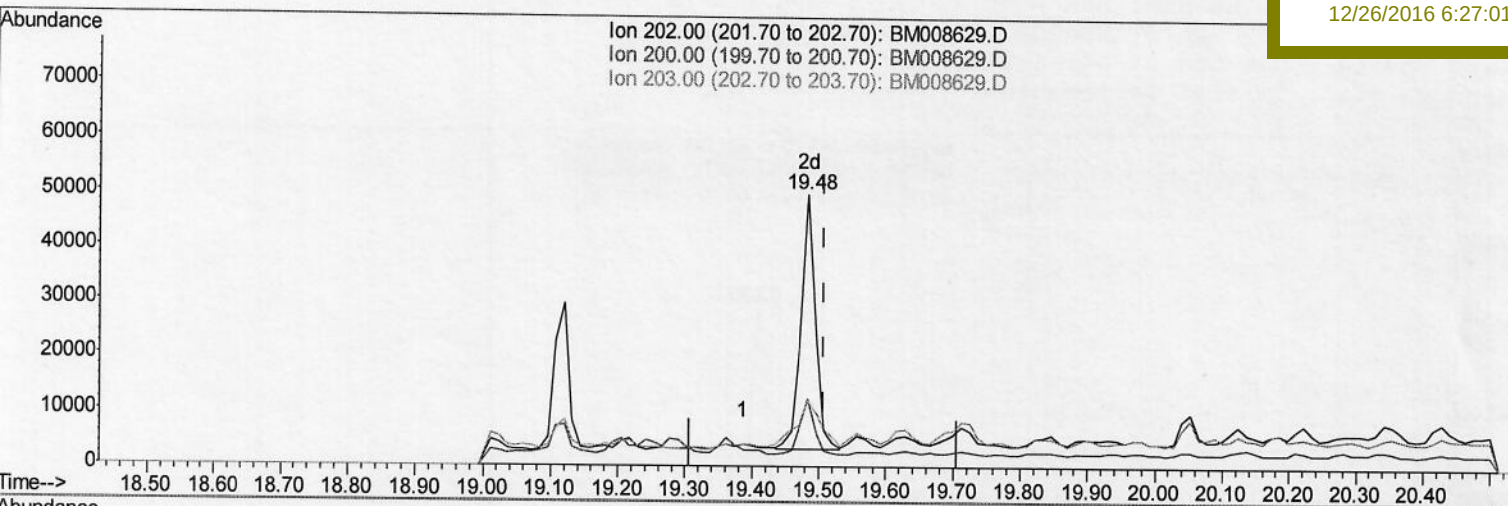
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(17) Pyrene

19.483min (-0.024) 6.31ng/ul m

response 67724

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	24.56
203.00	19.50	24.09#
0.00	0.00	0.00

5.9
 12/27/16

Quantitation Report (Qedit)

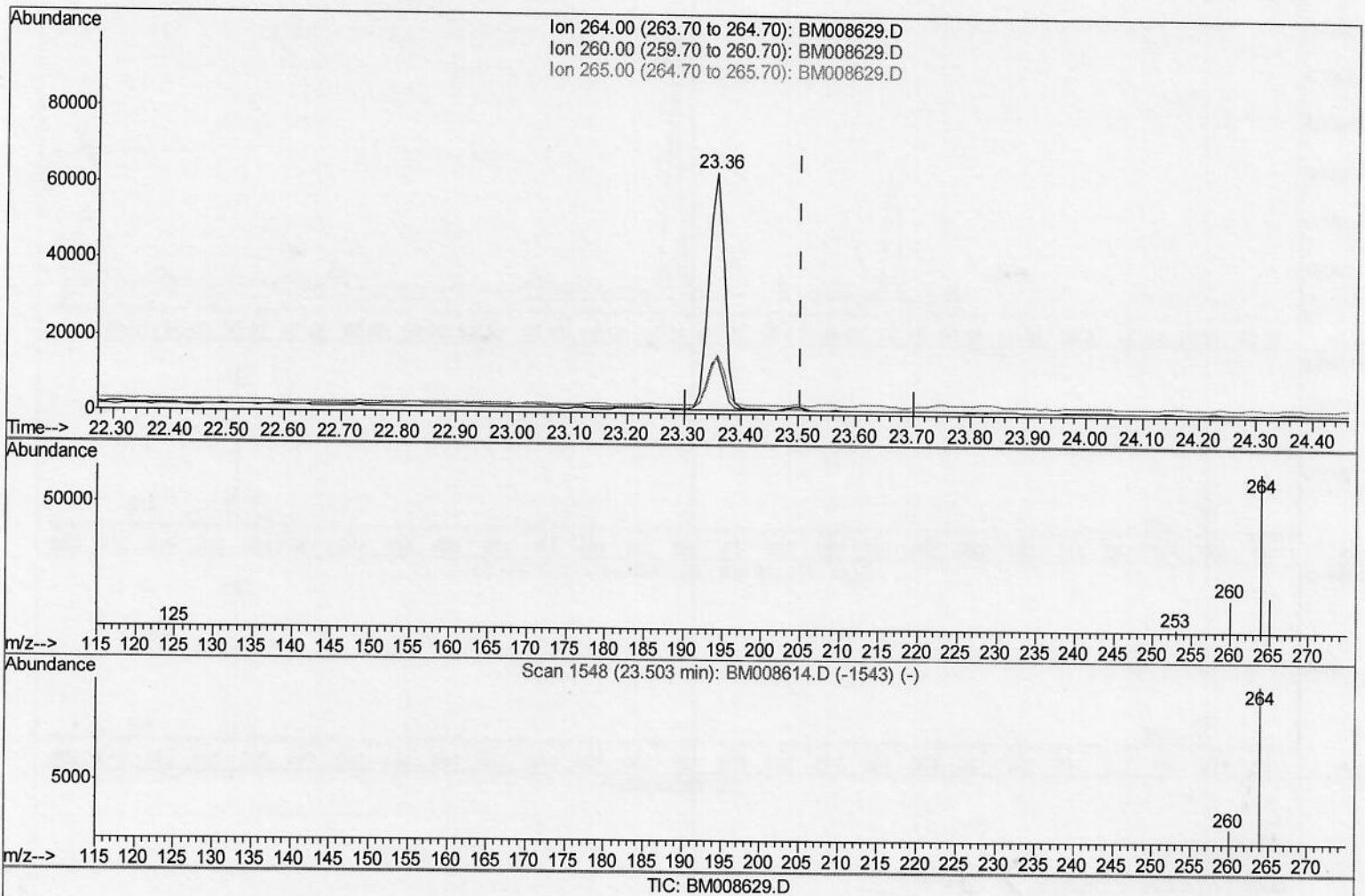
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008629.D
 Acq On : 24 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T9

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:27:01 PM

Quant Time: Dec 25 05:32:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(20) Perylene-d12 (I)
 23.357min (-0.146) 0.40ng/ul
 response 118589

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	23.12#
265.00	103.50	24.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

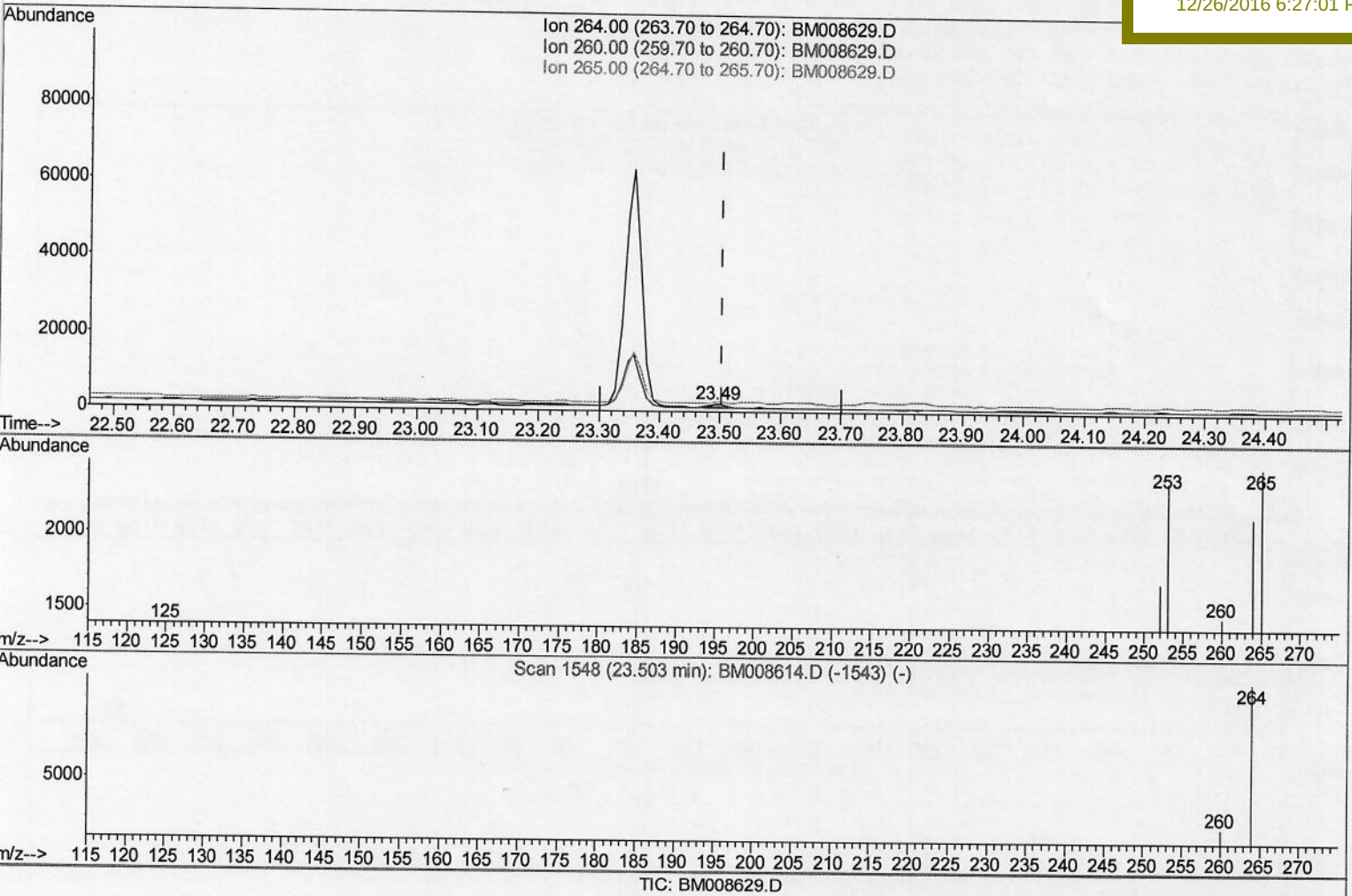
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008629.D
 Acq On : 24 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T9

Manual Integrations
 APPROVED

sohil
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Quant Time: Dec 25 05:32:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.493min (-0.010) 0.40ng/ul m

response 1546

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	68.57#
265.00	103.50	115.86
0.00	0.00	0.00

9.7
 12/27/16

Quantitation Report (Qedit)

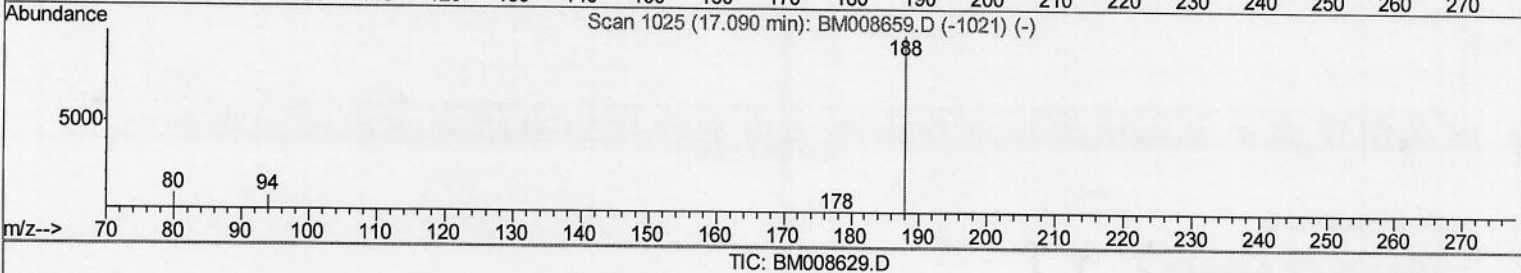
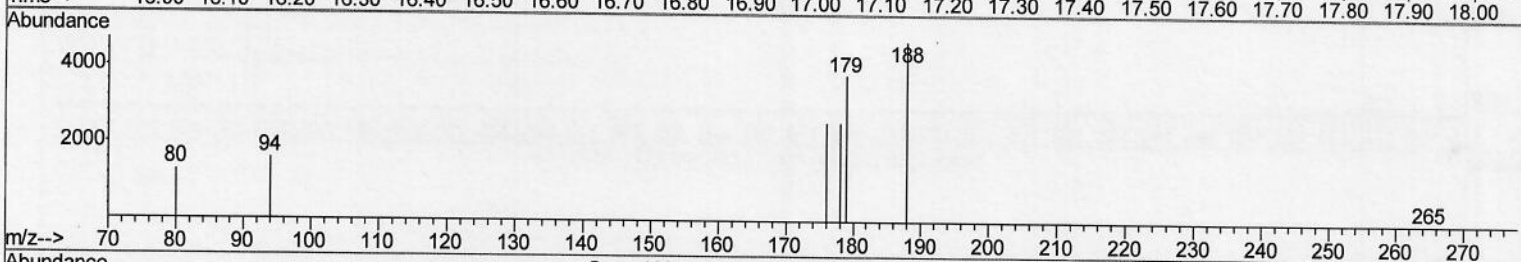
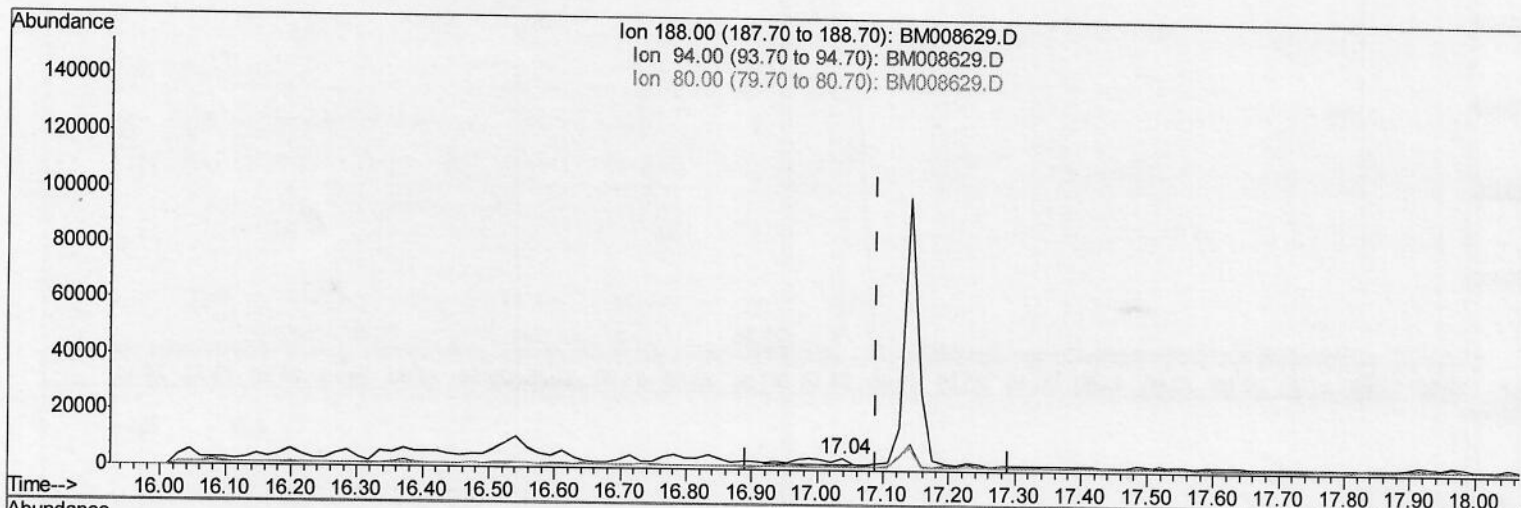
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008629.D
 Acq On : 24 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T9

Manual Integrations
 APPROVED

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Quant Time: Dec 25 05:36:06 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: BM008629.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul

response 11177

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	34.37#
80.00	11.80	27.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

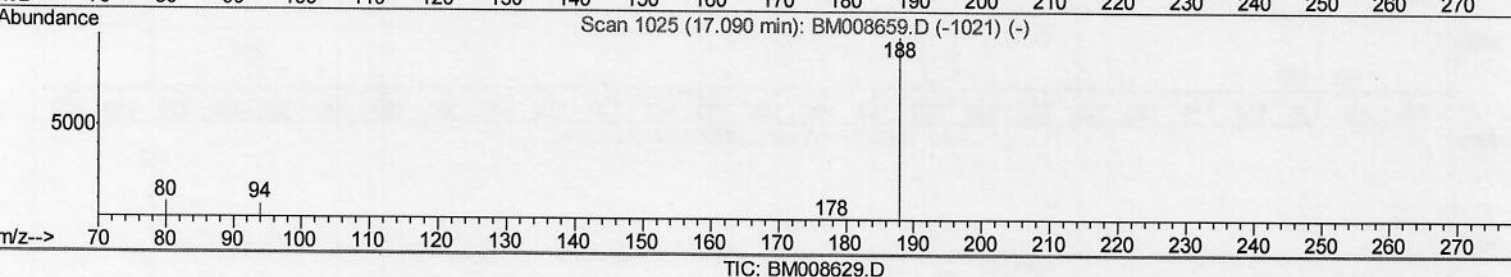
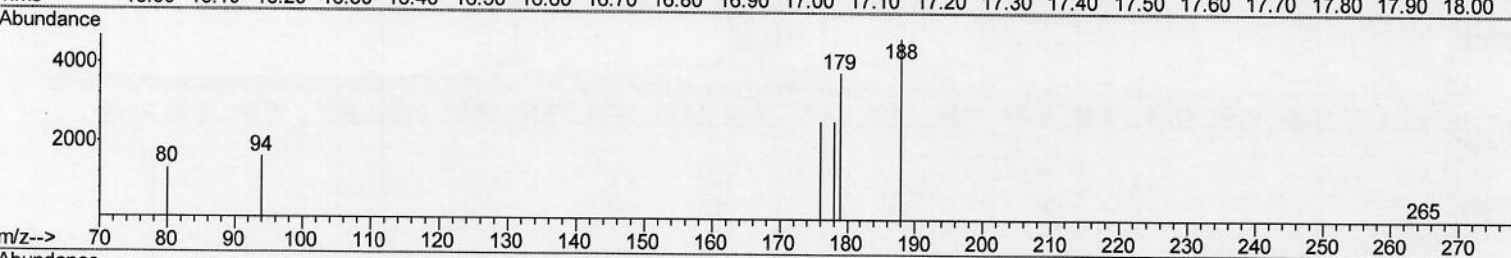
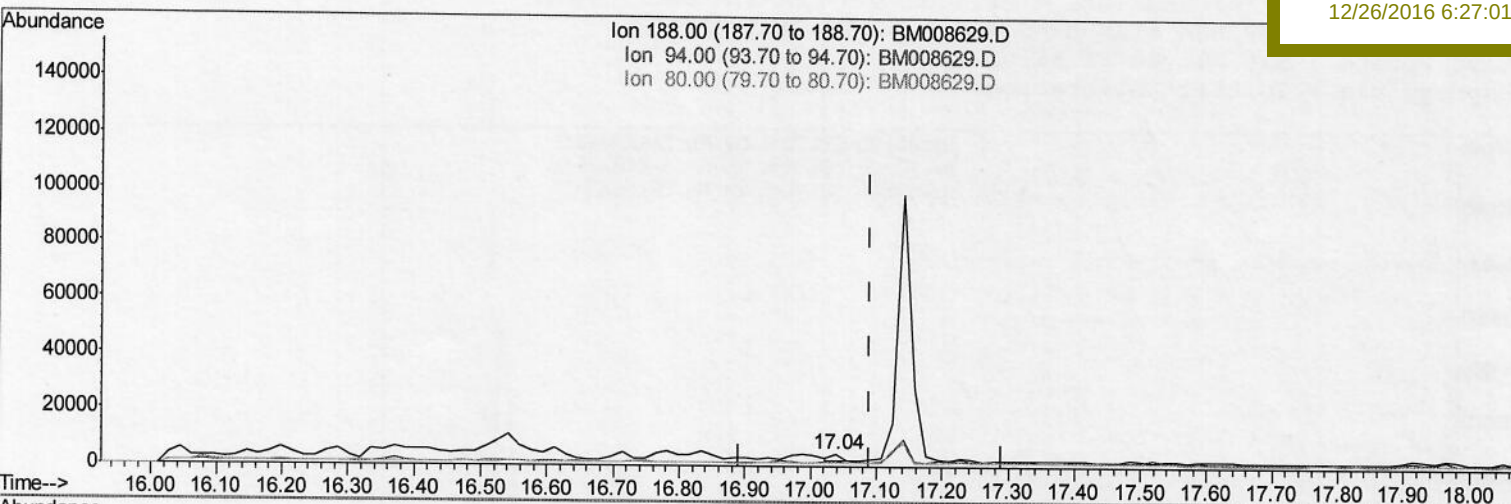
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008629.D
 Acq On : 24 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA8T9

Quant Time: Dec 25 05:36:06 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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(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

response 2693

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	34.37#
80.00	11.80	27.92#
0.00	0.00	0.00

> 5.7
 12/27/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008629.D
 Acq On : 24 Dec 2016 12:18
 Operator : UM/SJ
 Sample : H6040-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T9

Manual Integrations
 APPROVED

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Quant Time: Dec 26 13:31:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	7.63	152	430m	0.40	ng/ul	-0.11
2) Naphthalene-d8	10.42	136	1886	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.26	164	3303m	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.04	188	2693m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	2776m	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	1546m	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	1235	0.43	ng/ul	-0.09
14) Fluoranthene-d10	19.08	212	3496m	0.47	ng/ul	-0.02

Target Compounds

					Qvalue	
3) Naphthalene	10.45	128	204060	38.46	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	288796	80.86	ng/ul	99
7) Acenaphthylene	14.01	152	9501m	0.64	ng/ul	
8) Acenaphthene	14.35	153	36416	3.24	ng/ul	98
9) Fluorene	15.34	166	188114	14.67	ng/ul#	83
12) Phenanthrene	17.09	178	176871	21.51	ng/ul#	89
13) Anthracene	17.18	178	47498	5.95	ng/ul#	94
15) Fluoranthene	19.12	202	40056m	3.97	ng/ul	
17) Pyrene	19.48	202	67724m	6.31	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
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 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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