

Quantitation Report (Qedit)

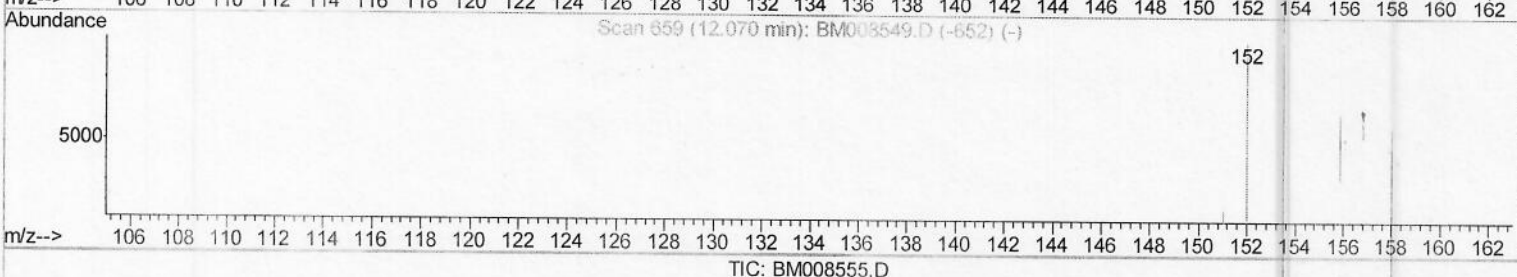
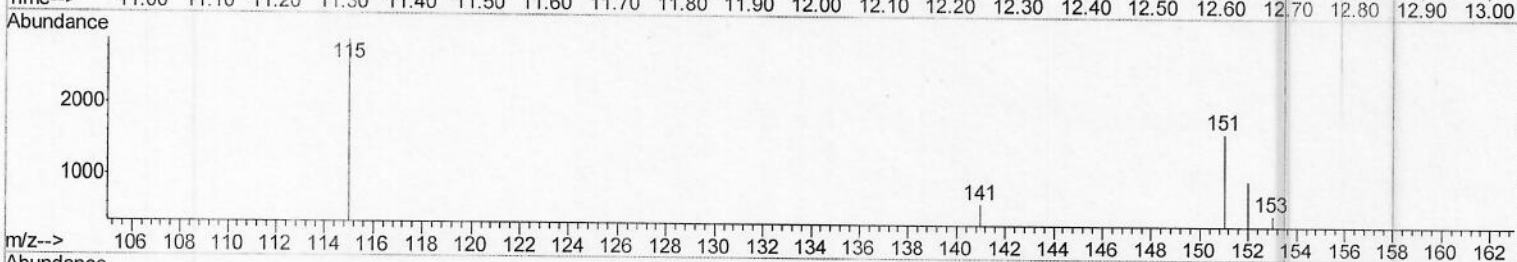
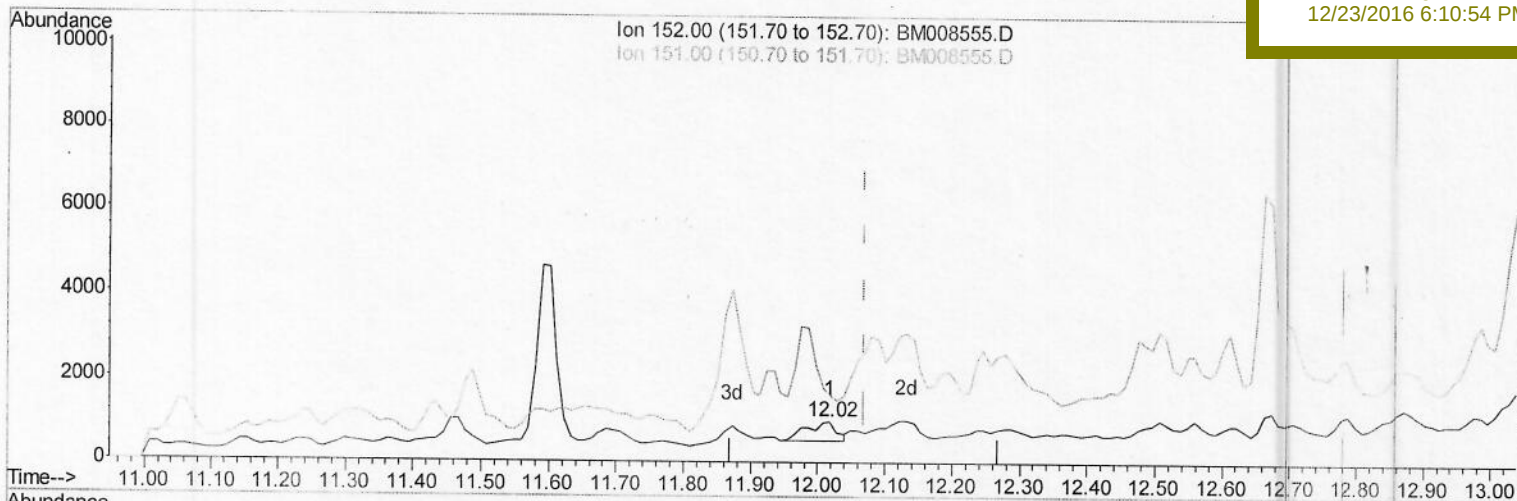
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 15:51:46 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 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA861

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:10:54 PM



(4) 2-Methylnaphthalene-d10 (SURR)

12.018min (-0.052) 0.57ng/ul

response 1550

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

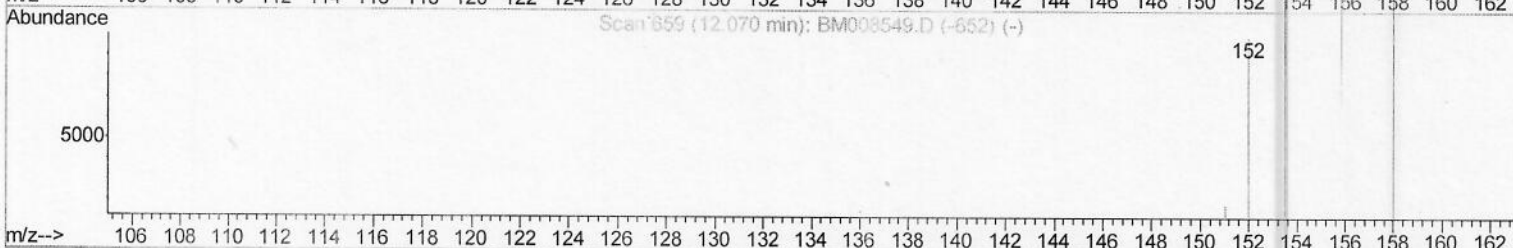
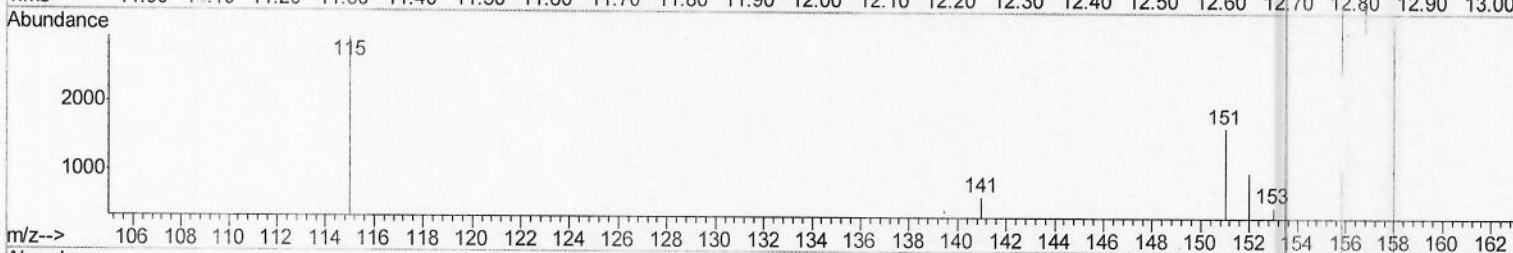
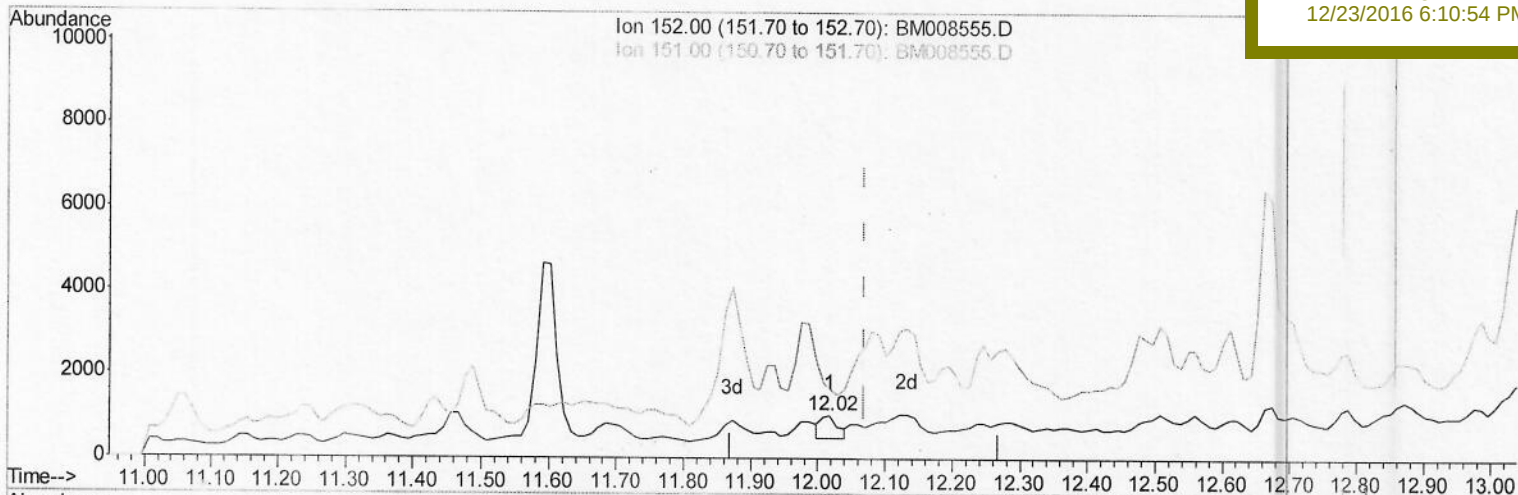
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
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Manual Integrations
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(4) 2-Methylnaphthalene-d10 (SURR)

12.018min (-0.052) 0.36ng/ul m

response 987

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

S.J
R123116

Quantitation Report (Qedit)

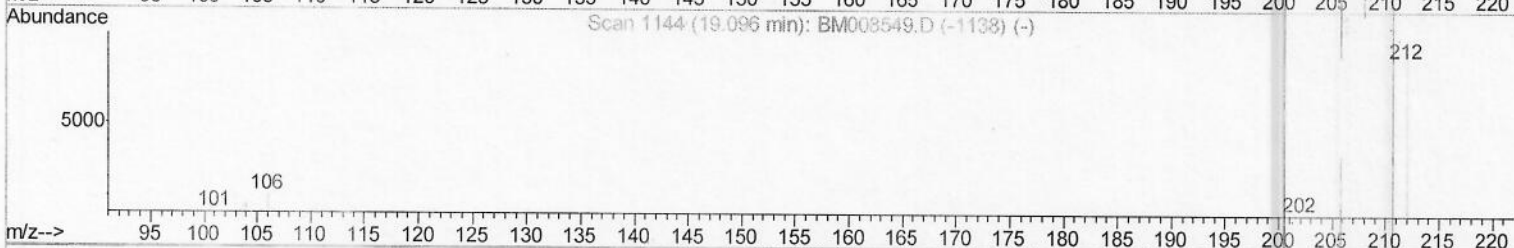
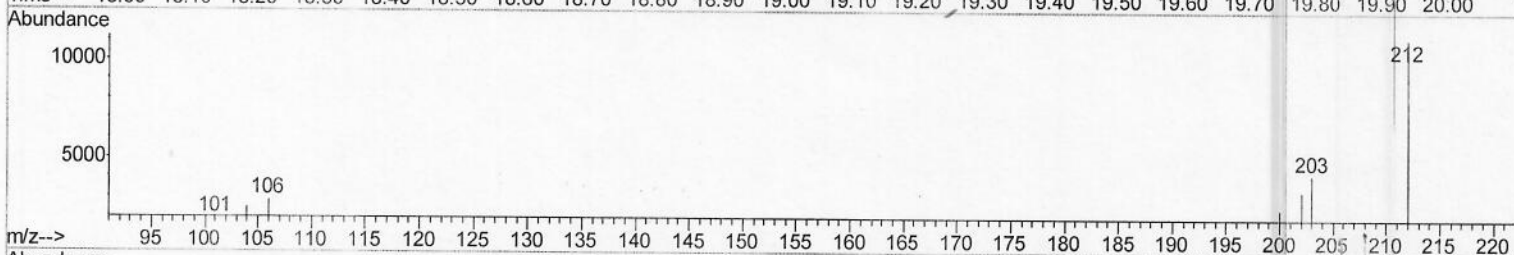
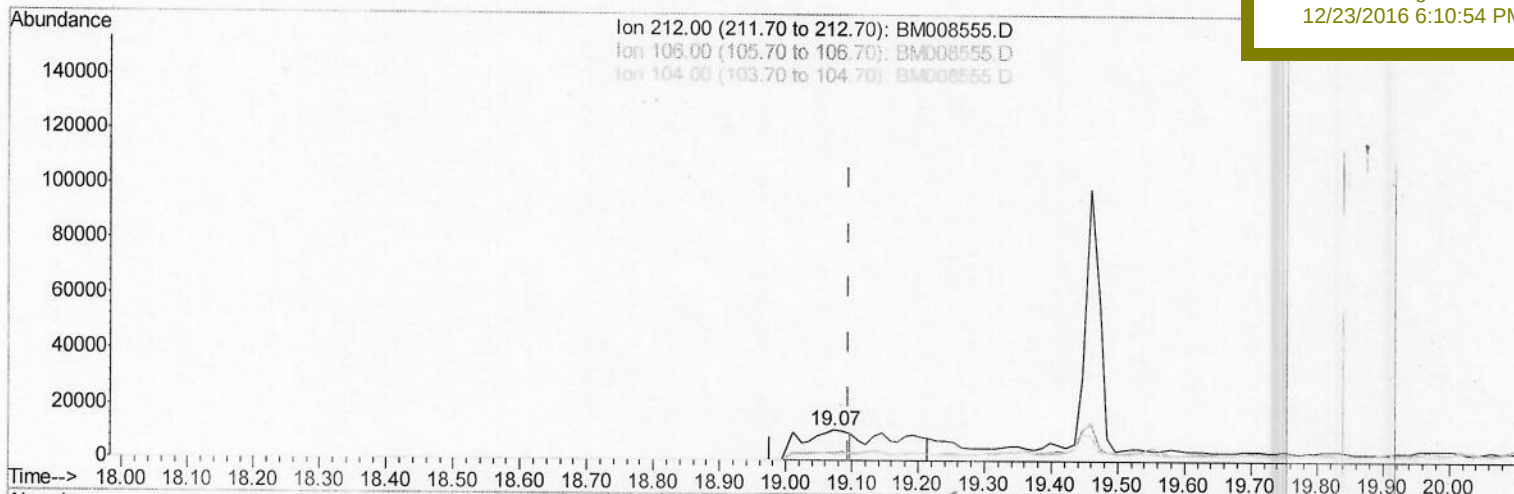
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
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 Operator : UM/SJ
 Sample : H5970-22
 Misc :
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TIC: BM008555.D

(14) Fluoranthene-d10 (SURR)

19.072min (-0.024) 1.56ng/ul

response 58965

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	29.53#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

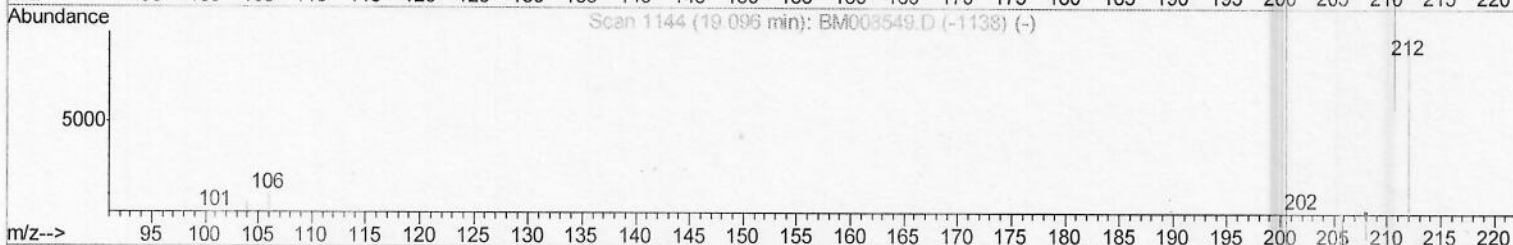
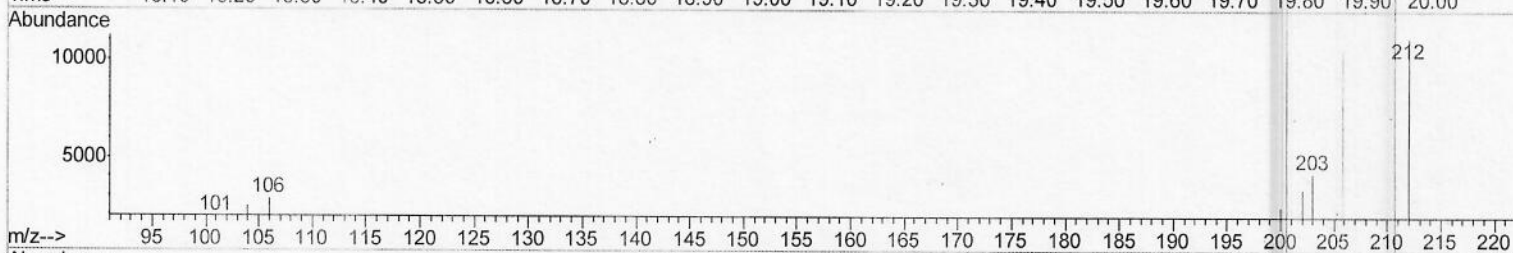
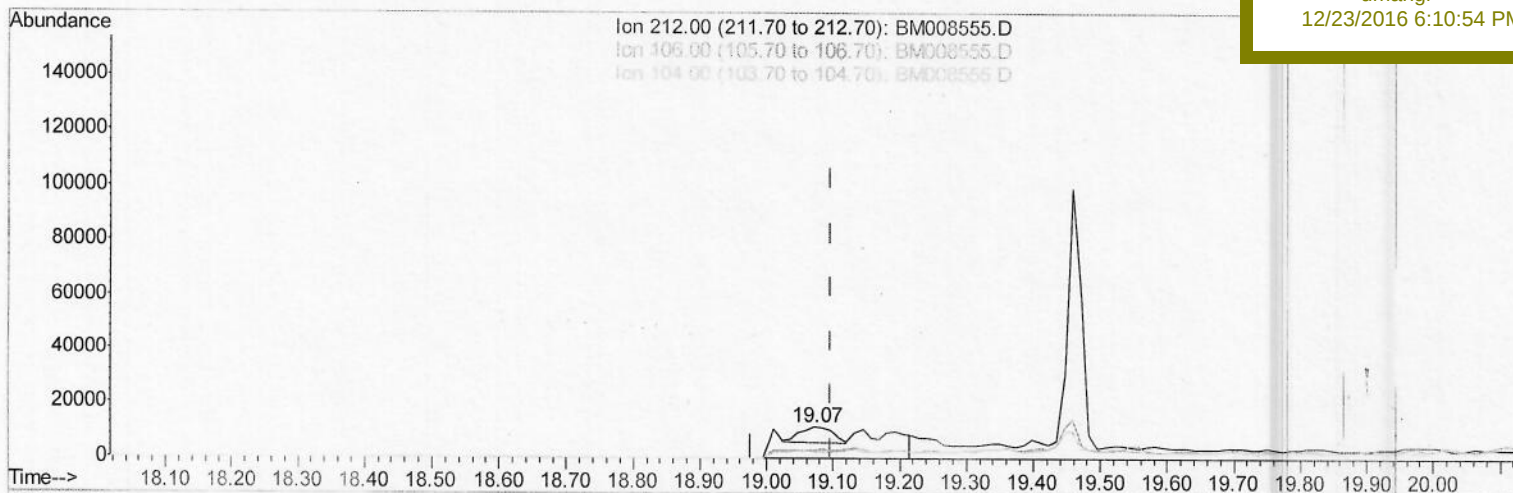
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
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 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
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TIC: BM008555.D

(14) Fluoranthene-d10 (SURR)

19.072min (-0.024) 0.47ng/ul m

response 17544

Ion Exp% Act%

212.00 100 100

106.00 18.30 99.24#

104.00 15.60 0.00#

0.00 0.00 0.00

S.J
 12/23/16

Quantitation Report (Qedit)

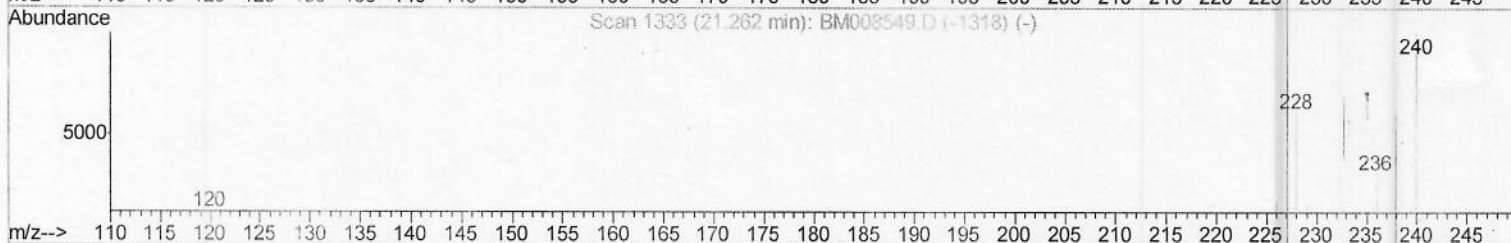
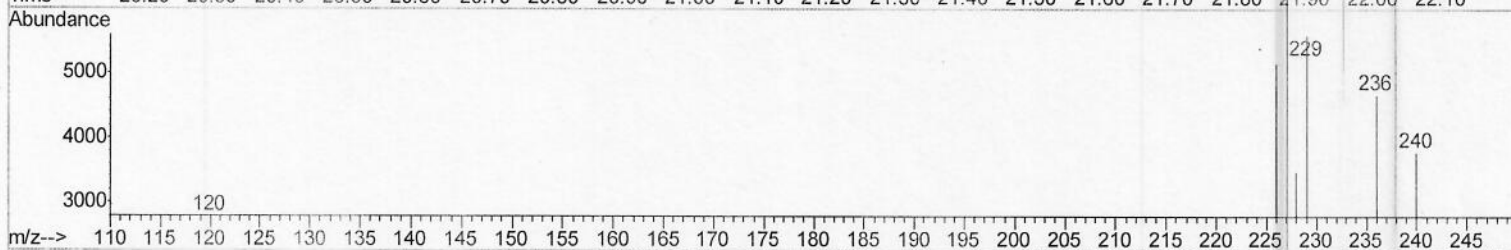
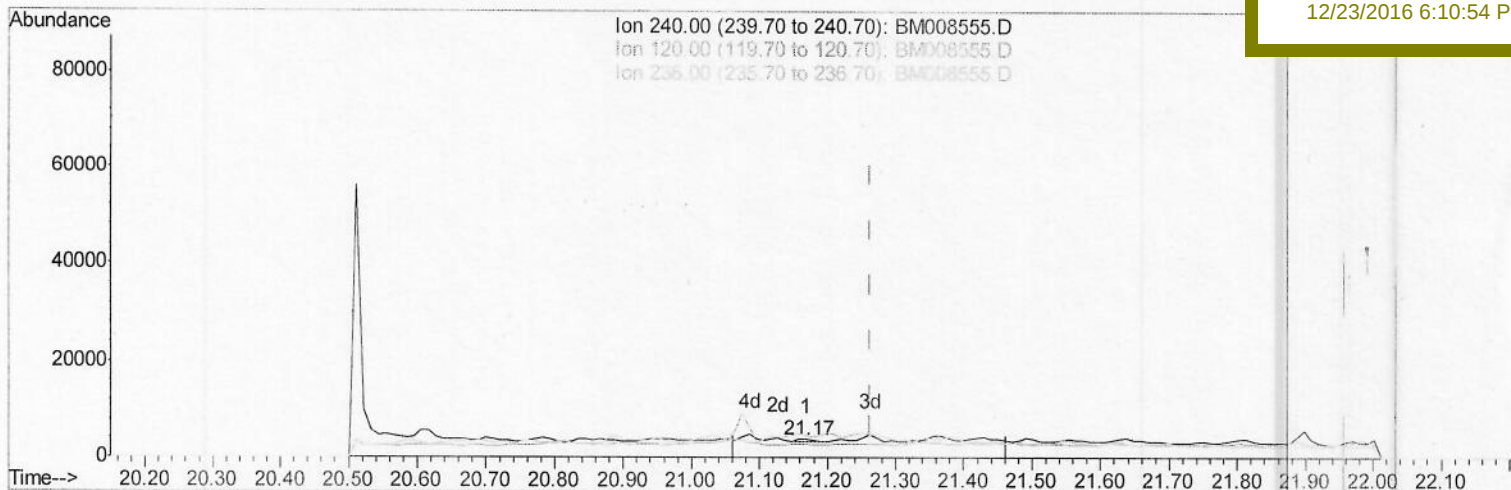
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TIC: BM008555.D

(16) Chrysene-d12 (I)

21.169min (-0.094) 0.40ng/ul

response 794

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	73.63#
236.00	34.90	123.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

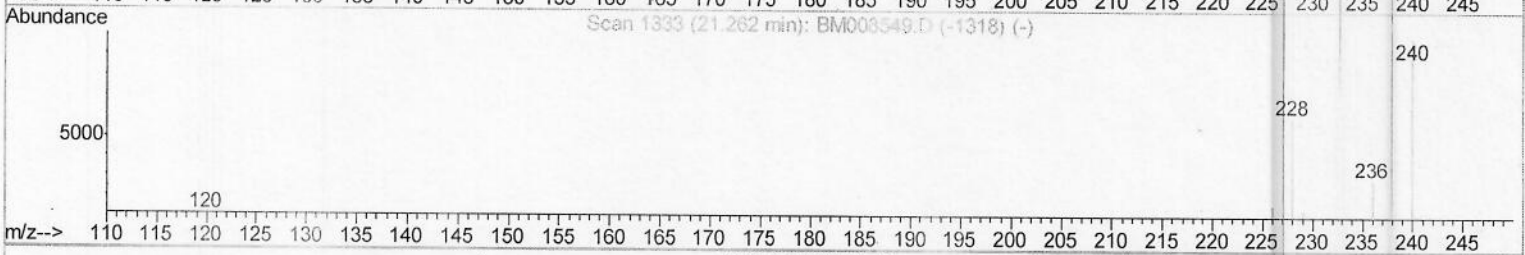
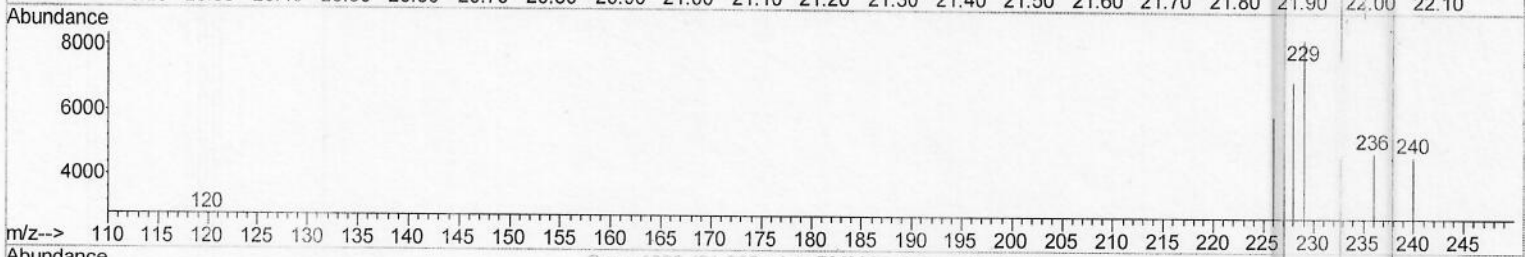
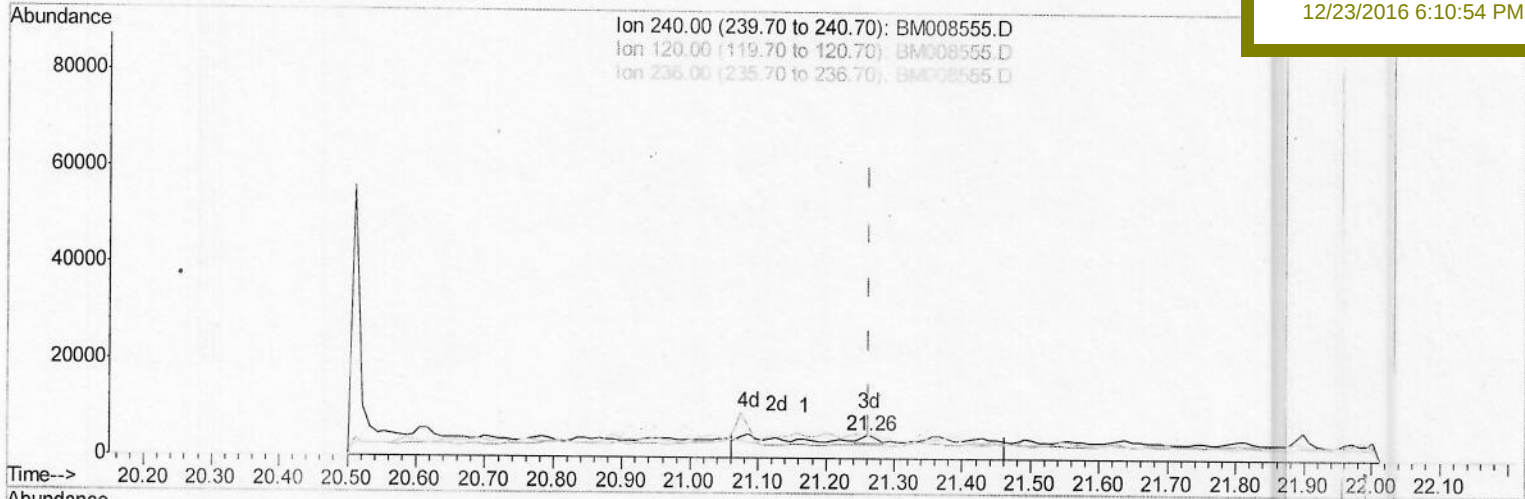
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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 ClientSampleId :
 DA861

Manual Integrations
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TIC: BM008555.D

(16) Chrysene-d12 (I)
 21.262min (+0.000) 0.40ng/ul m
 response 2498

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	59.33#
236.00	34.90	102.38#
0.00	0.00	0.00

S.J
 12/23/16

Quantitation Report (Qedit)

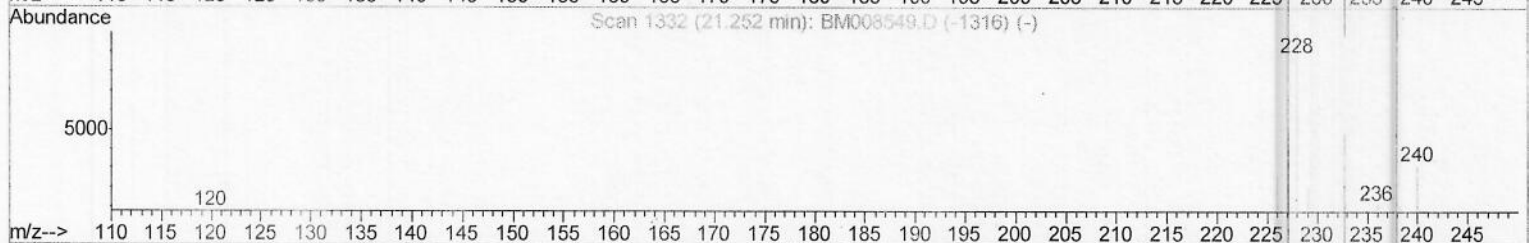
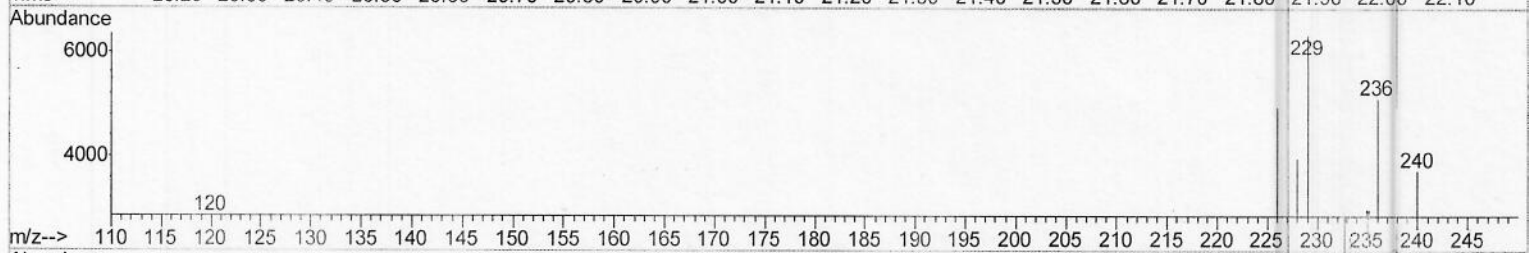
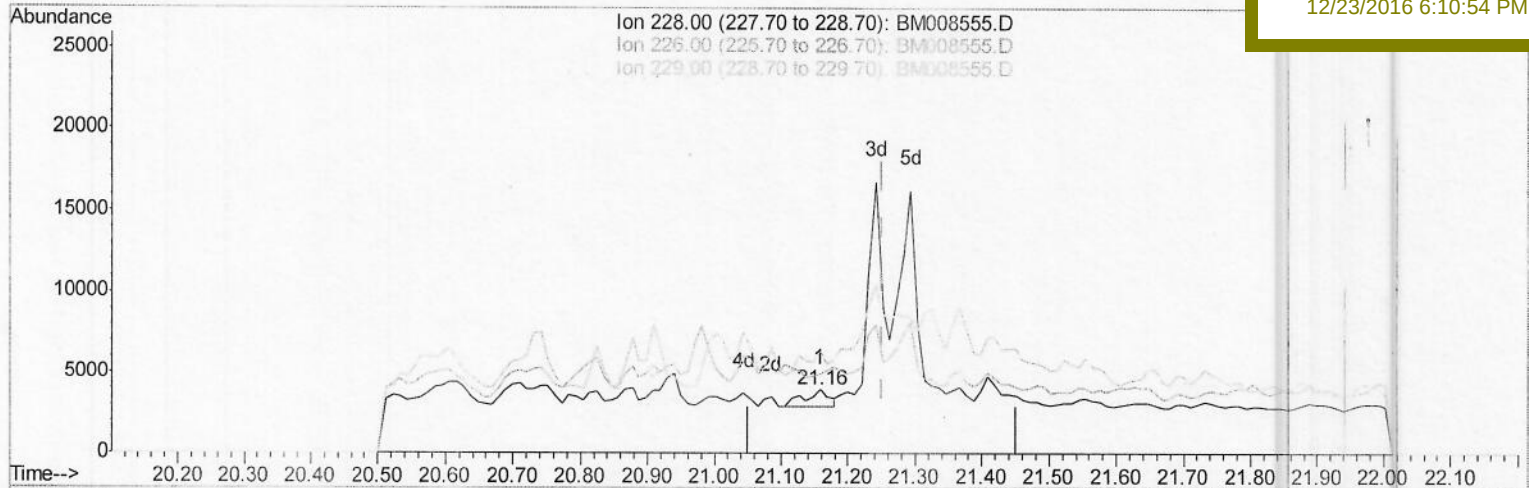
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 15:59:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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 DA861

Manual Integrations
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TIC: BM008555.D

(18) Benzo(a)anthracene
 21.158min (-0.094) 0.33ng/ul
 response 2694

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	124.88#
229.00	21.30	160.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

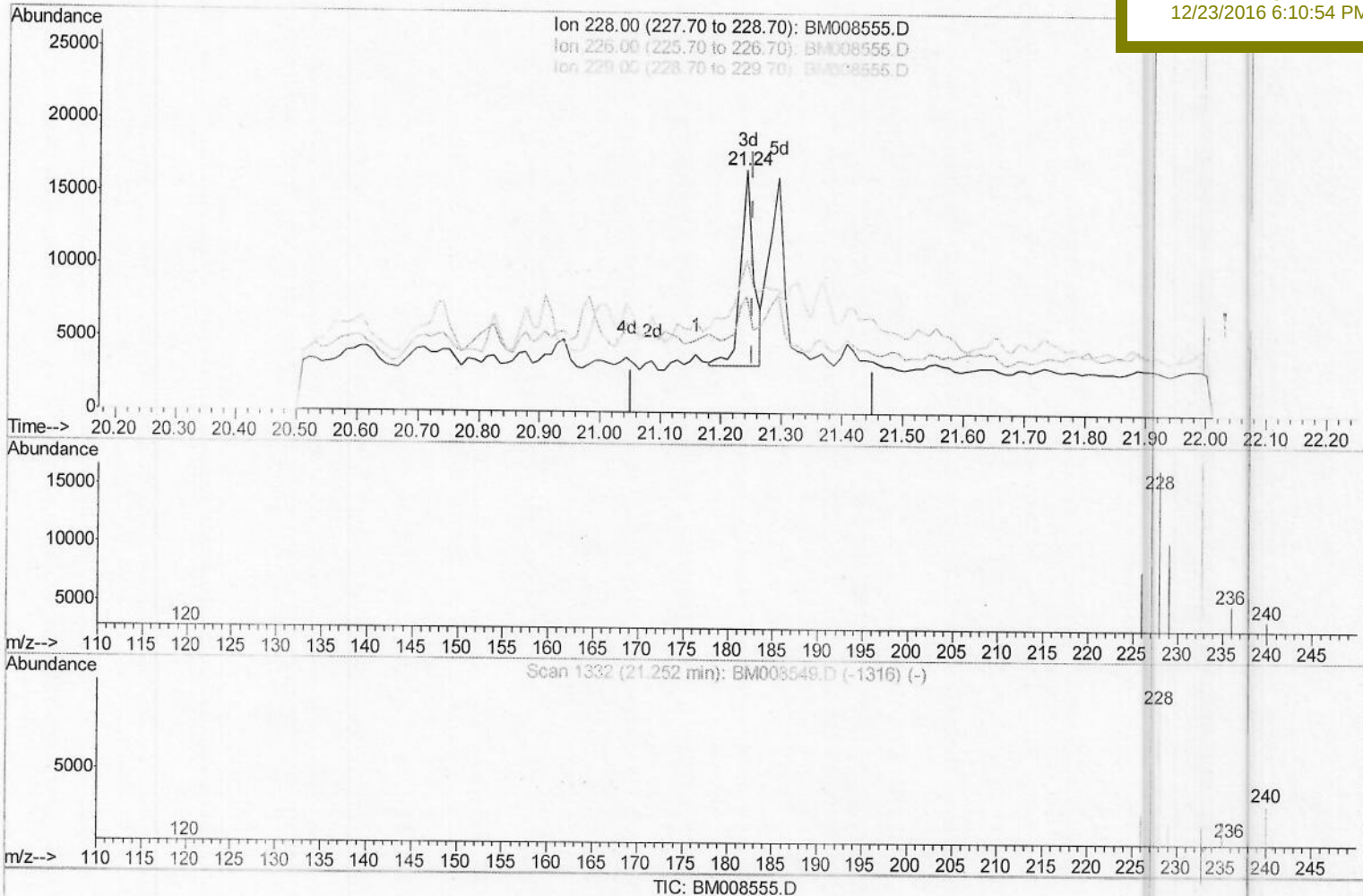
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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Manual Integrations
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(18) Benzo(a)anthracene

21.242min (-0.010) 2.56ng/ul m

response 20996

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	47.67#
229.00	21.30	62.43#
0.00	0.00	0.00

S.J
 12/23/16

Quantitation Report (Qedit)

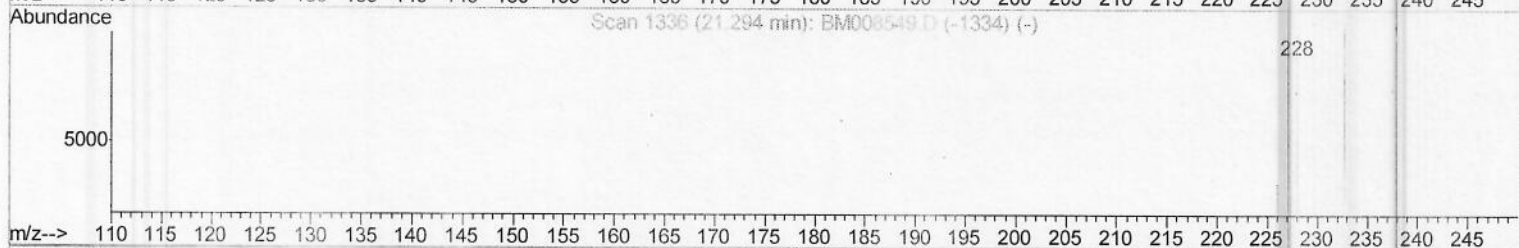
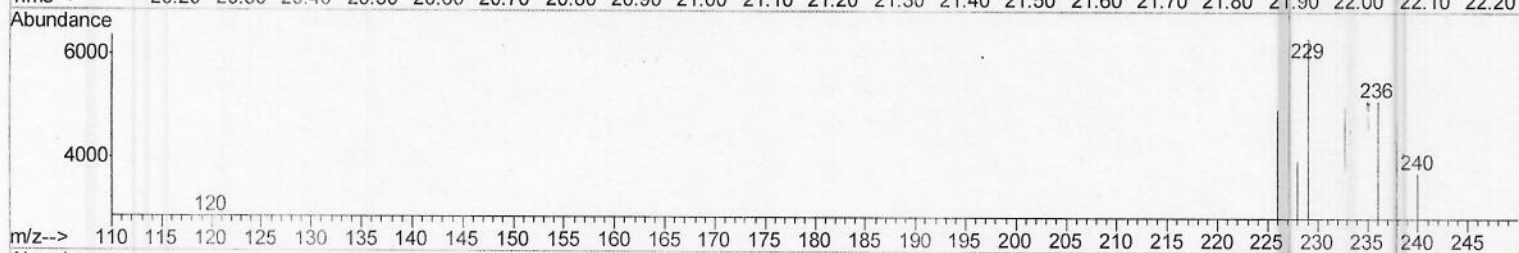
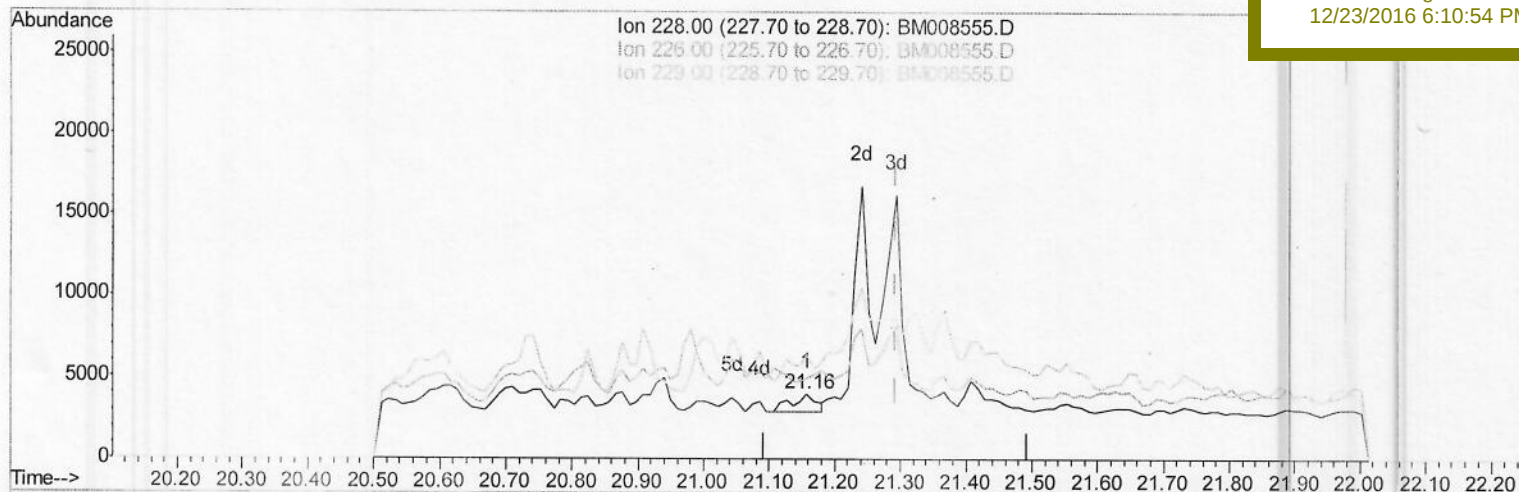
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 15:59:03 2016
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Instrument :
 BNA_M
 ClientSampleId :
 DA861

Manual Integrations
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 12/23/2016 6:10:54 PM



TIC: BM008555.D

(19) Chrysene

21.158min (-0.135) 0.30ng/ul

response 2694

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	124.88#
229.00	22.10	160.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

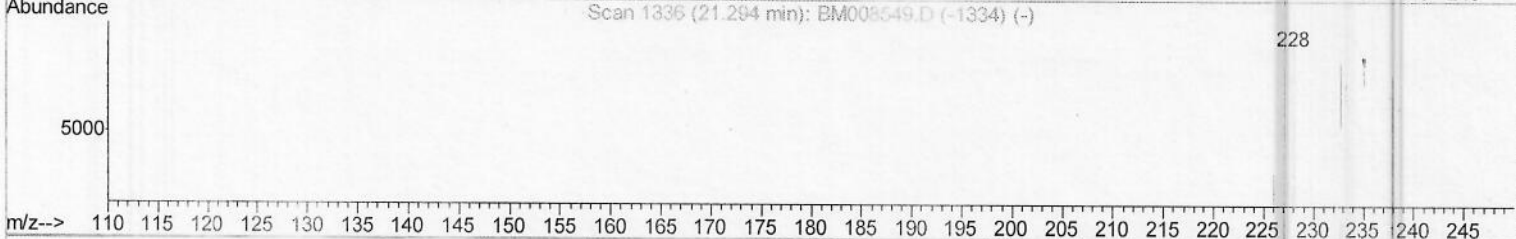
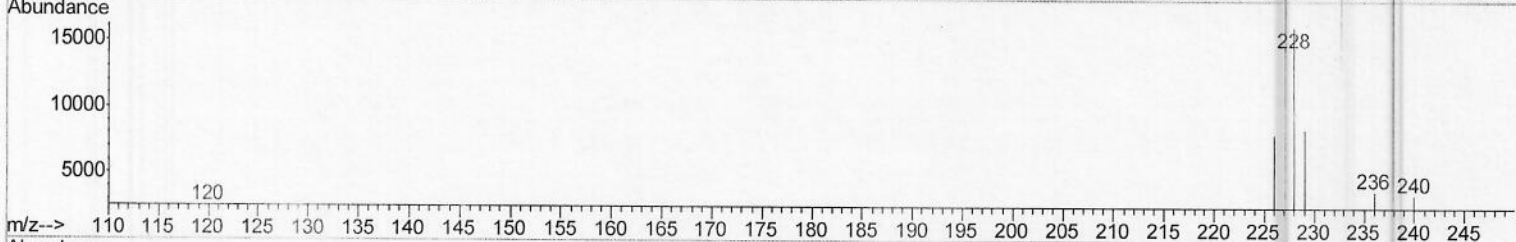
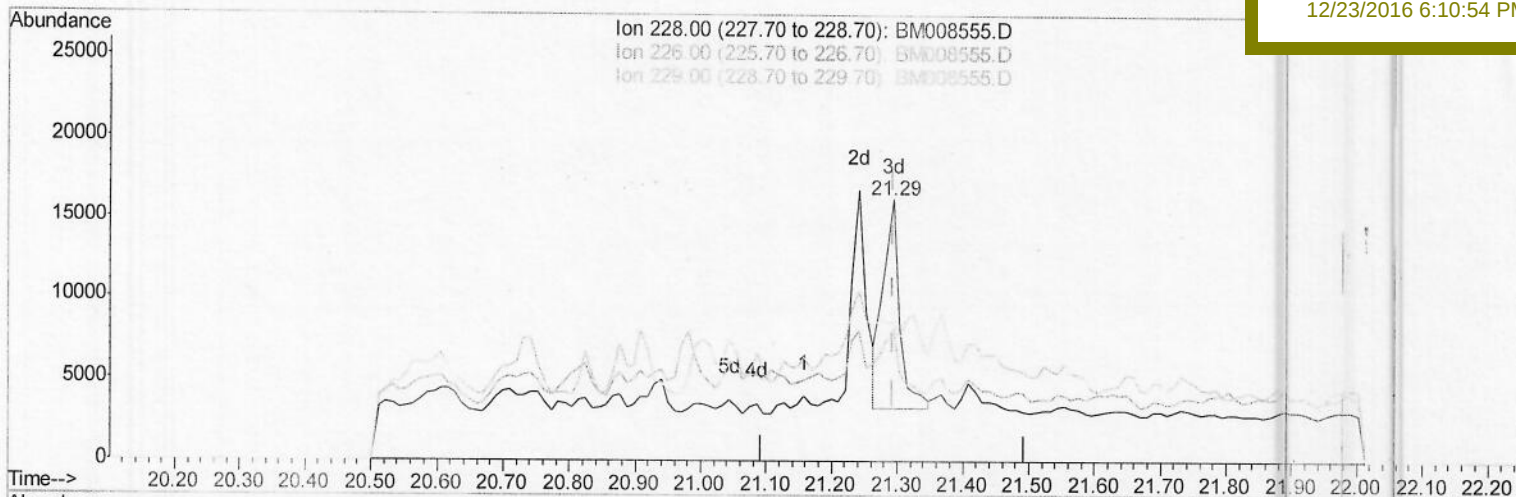
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
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 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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 ClientSampleId :
 DA861

Manual Integrations
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TIC: BM008555.D

(19) Chrysene

21.294min (+0.000) 2.55ng/ul m

response 22899

Ion Exp% Act%

228.00 100 100

226.00 29.20 50.16#

229.00 22.10 52.62#

0.00 0.00 0.00

S. J
 12/23/16

Quantitation Report (Qedit)

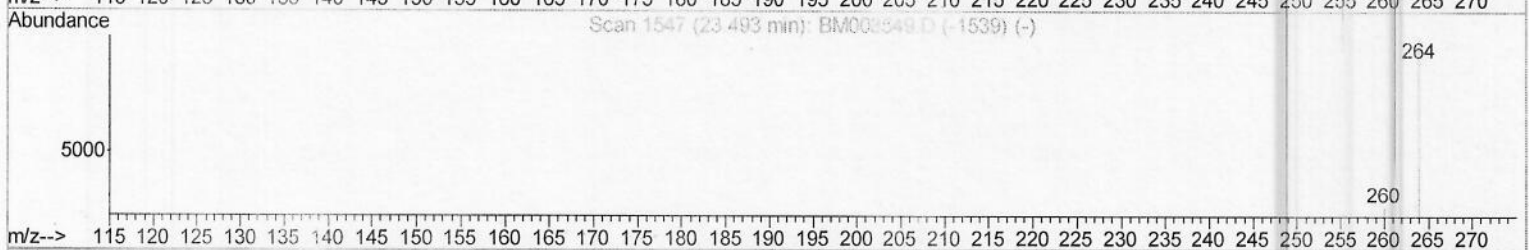
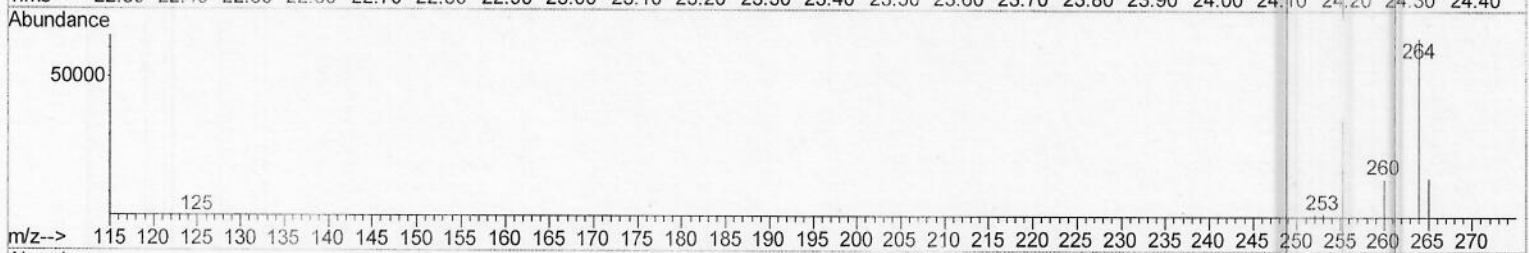
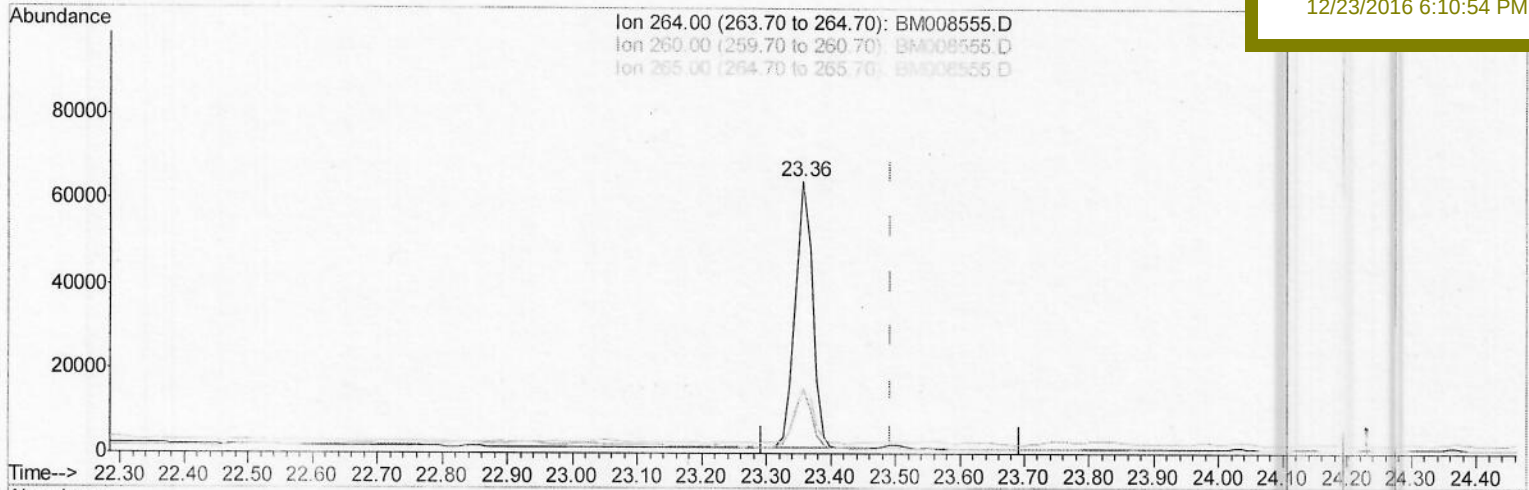
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Manual Integrations
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TIC: BM008555.D

(20) Perylene-d12 (I)

23.358min (-0.135) 0.40ng/ul

response 117505

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	23.54#
265.00	103.50	24.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

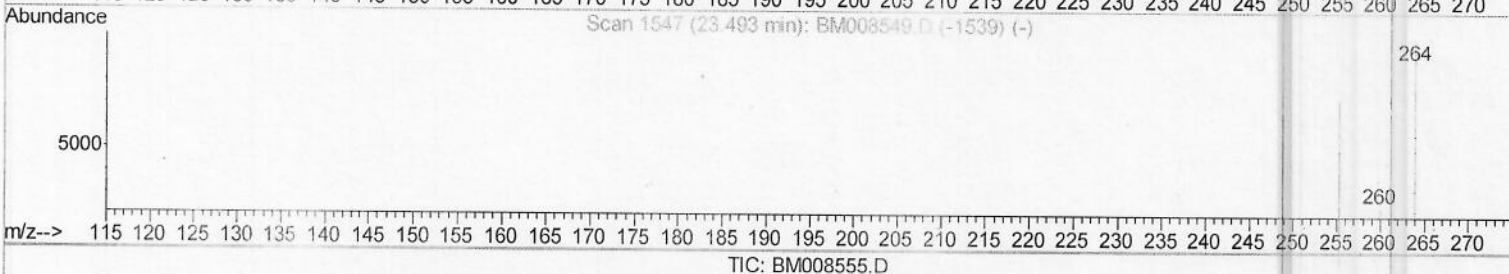
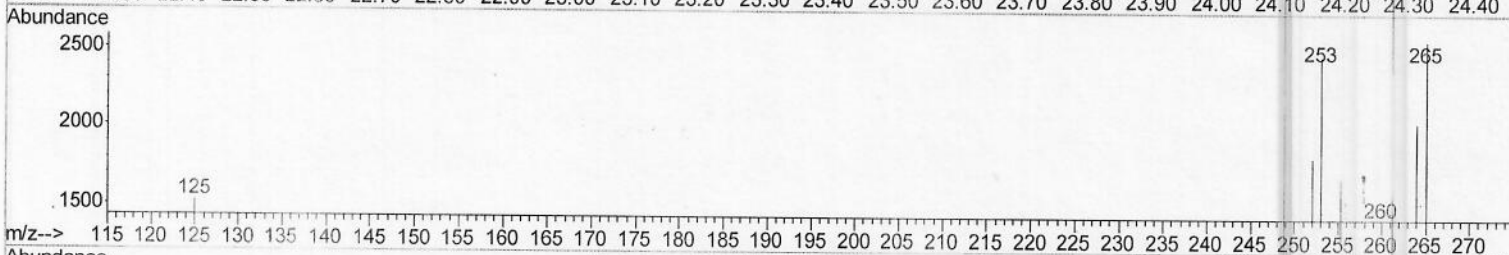
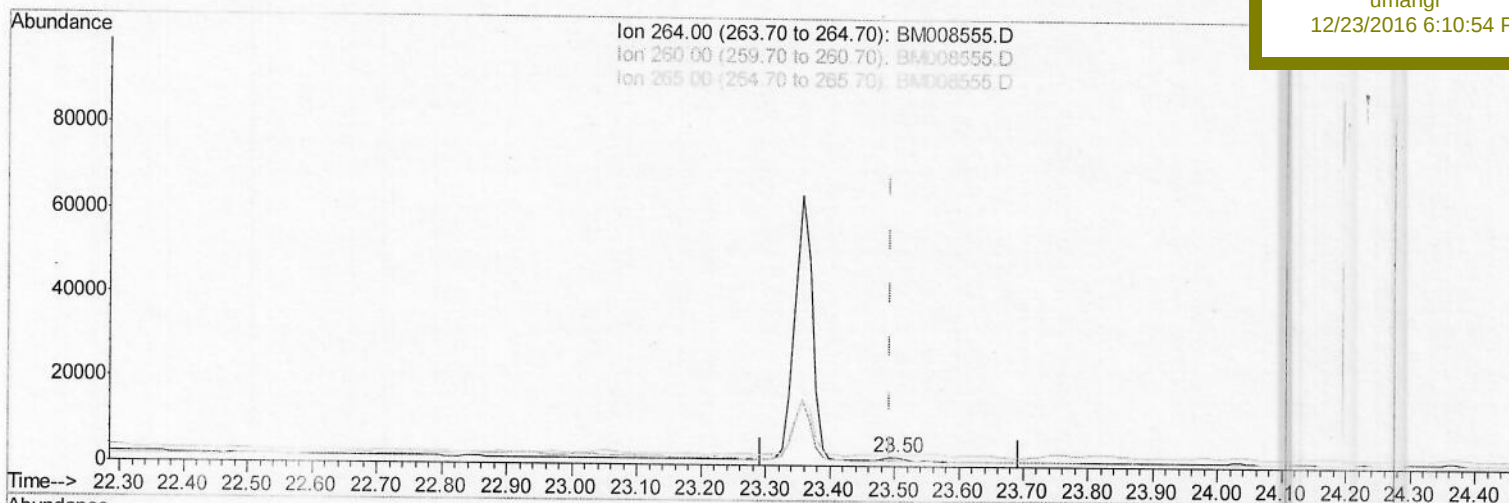
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(20) Perylene-d12 (I)

23.504min (+0.011) 0.40ng/ul m

response 1454

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	69.79#
265.00	103.50	126.05#
0.00	0.00	0.00

S-J
12/23/16

Quantitation Report (Qedit)

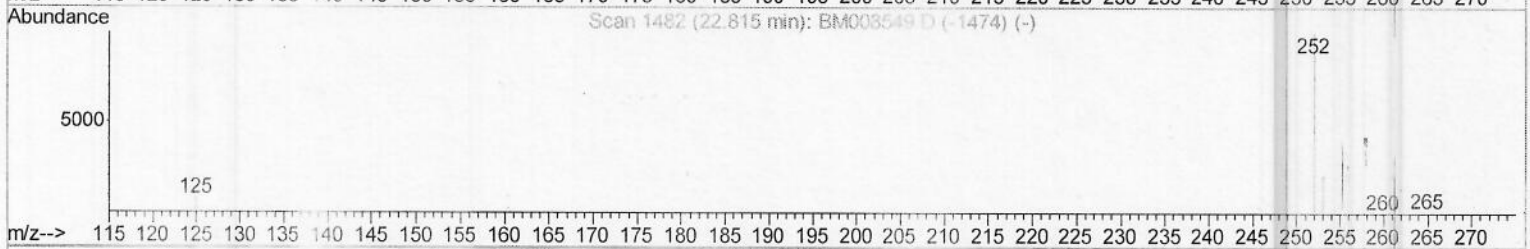
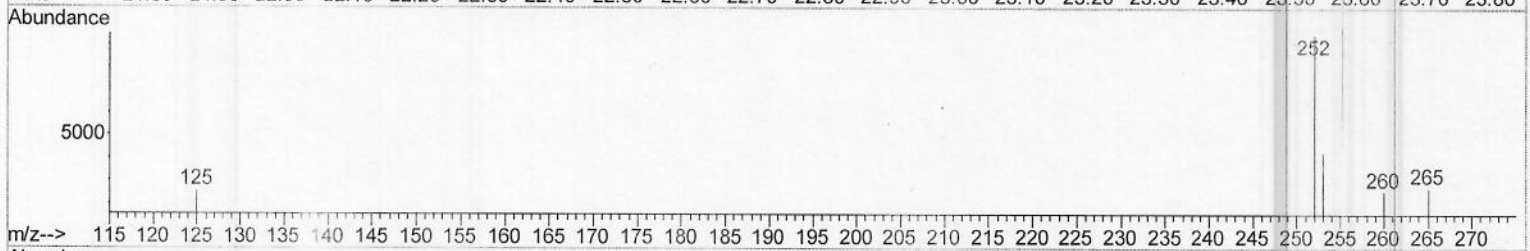
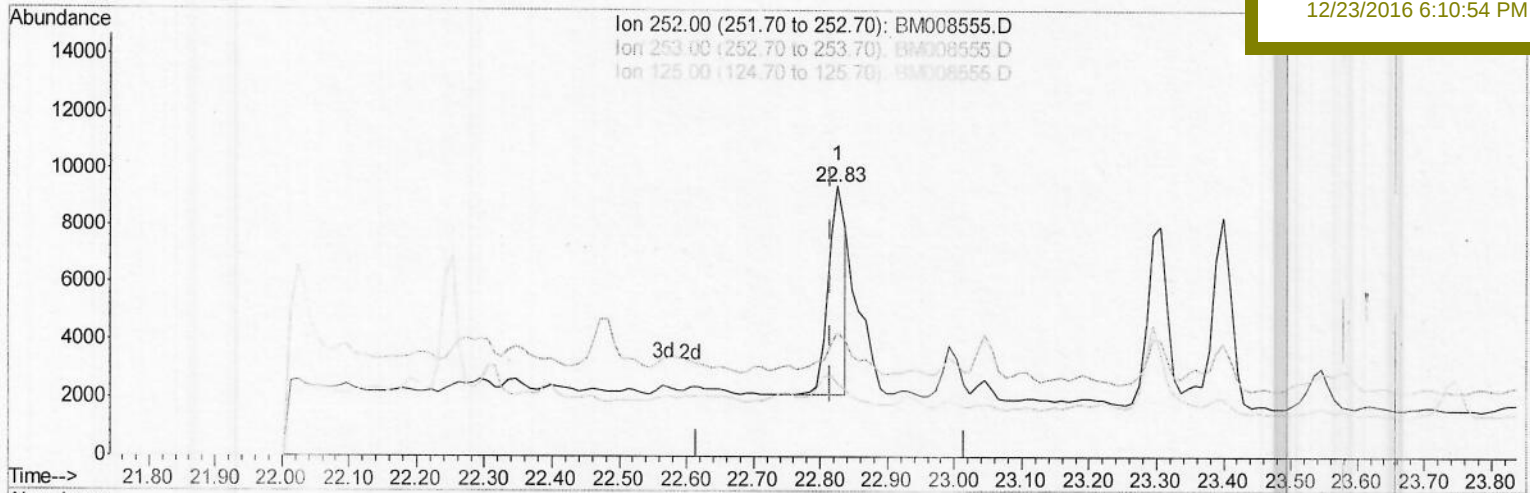
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Quant Time: Dec 22 16:01:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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(21) Benzo(b)fluoranthene
 22.826min (+0.011) 2.27ng/ul
 response 12994

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	45.11
125.00	17.50	26.91
0.00	0.00	0.00

Quantitation Report (Qedit)

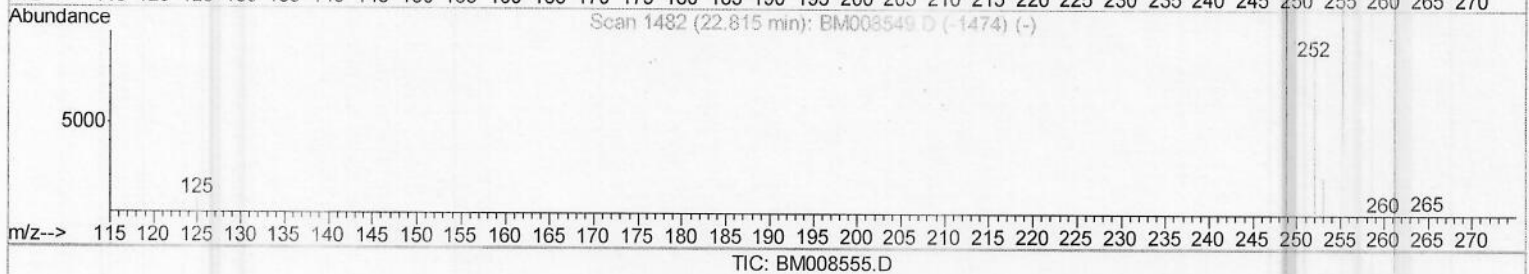
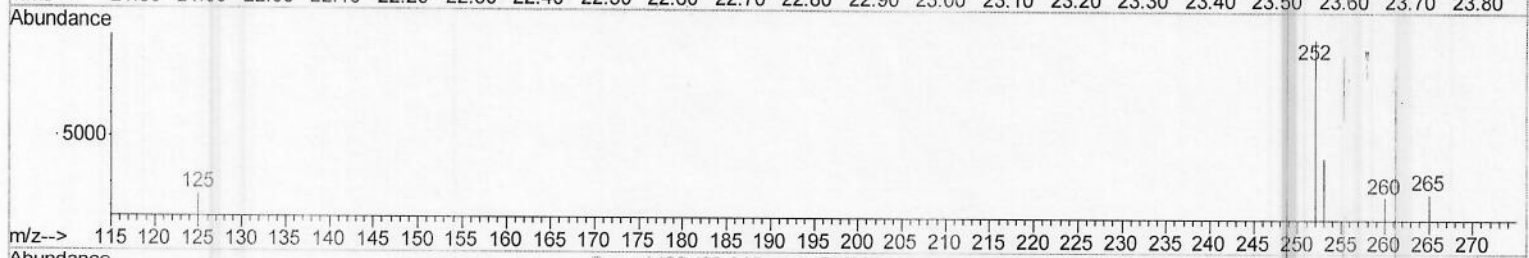
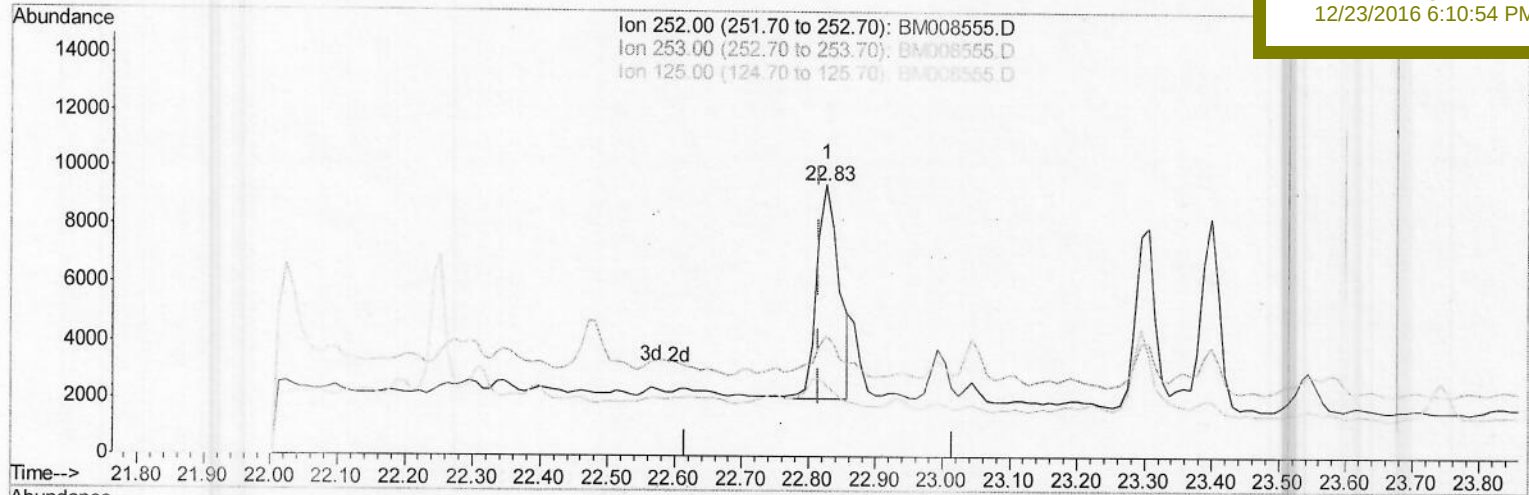
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Manual Integrations
 APPROVED

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(21) Benzo(b)fluoranthene

22.826min (+0.011) 3.06ng/ul m

response 17523

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	45.11
125.00	17.50	26.91
0.00	0.00	0.00

S.J
12/23/16

Quantitation Report (Qedit)

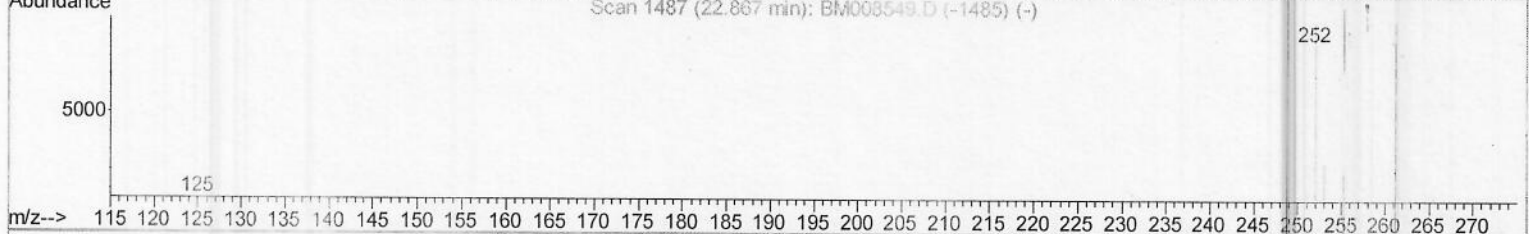
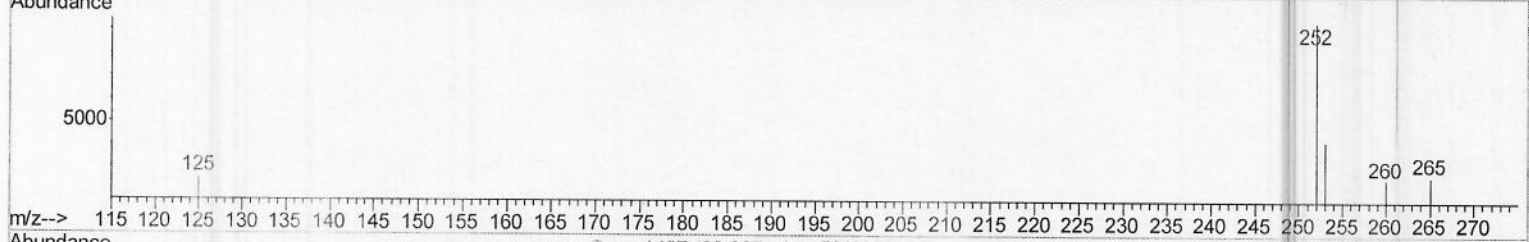
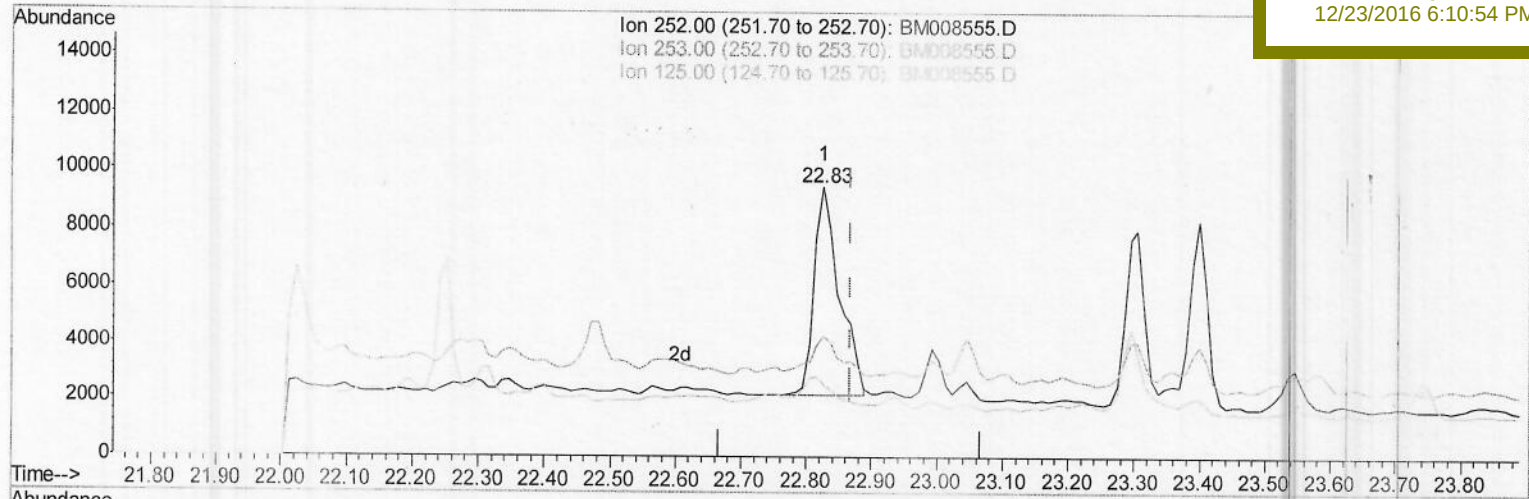
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 16:01:41 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 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA861

Manual Integrations
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TIC: BM008555.D

(22) Benzo(k)fluoranthene
 22.826min (-0.042) 3.50ng/ul
 response 19553

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	45.11#
125.00	17.10	26.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

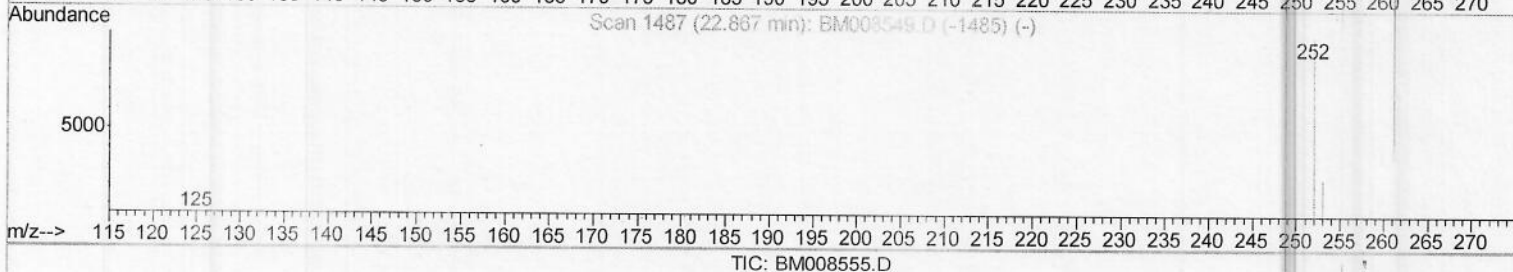
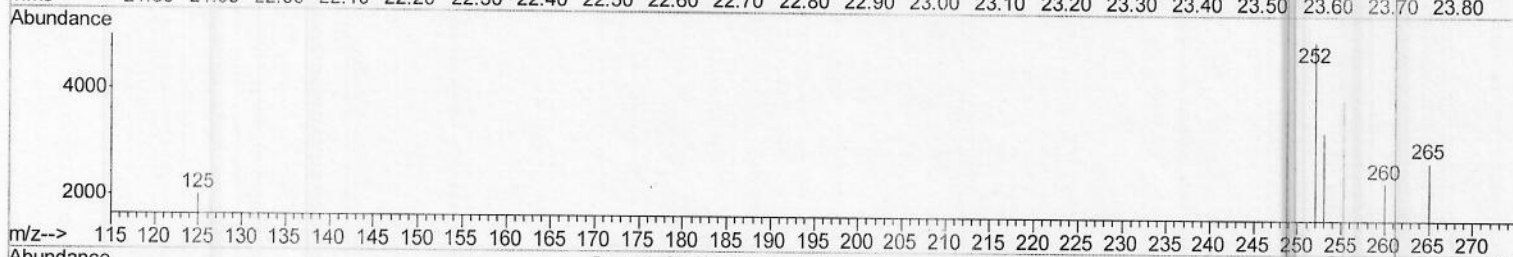
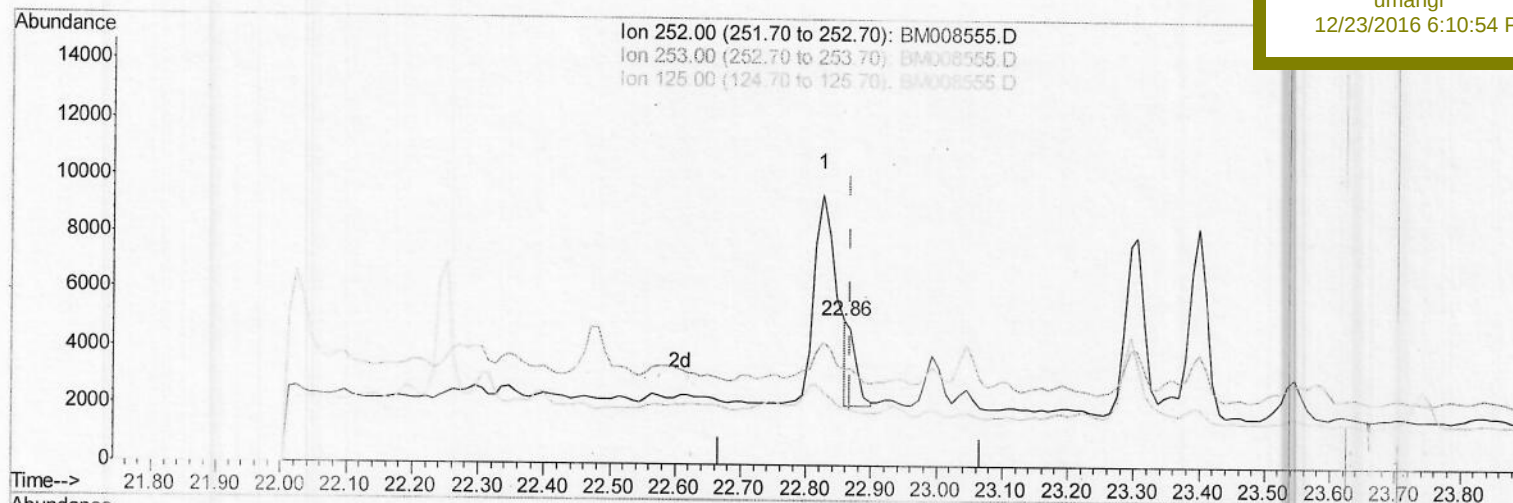
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 16:01:41 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 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA861

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(22) Benzo(k)fluoranthene

22.857min (-0.010) 0.49ng/ul m

response 2742

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	65.47#
125.00	17.10	39.63#
0.00	0.00	0.00

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Quantitation Report (Qedit)

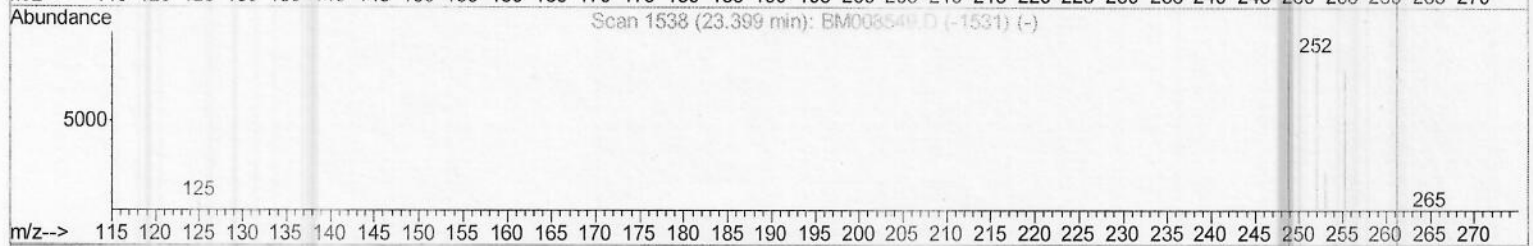
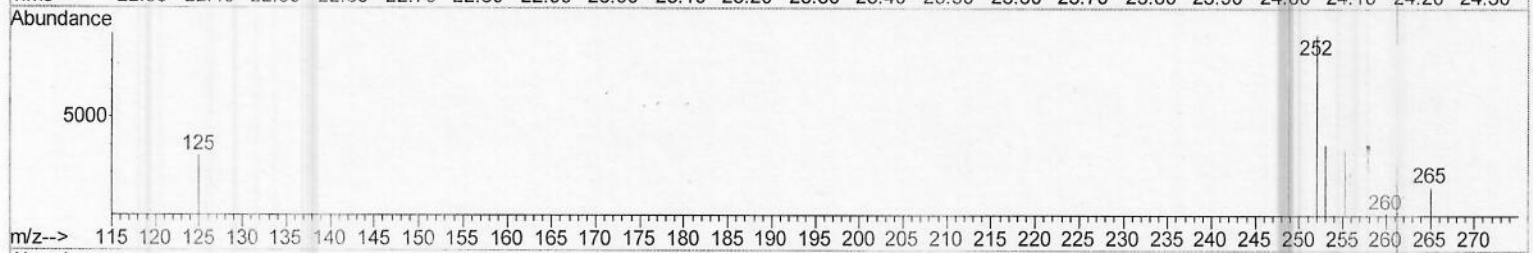
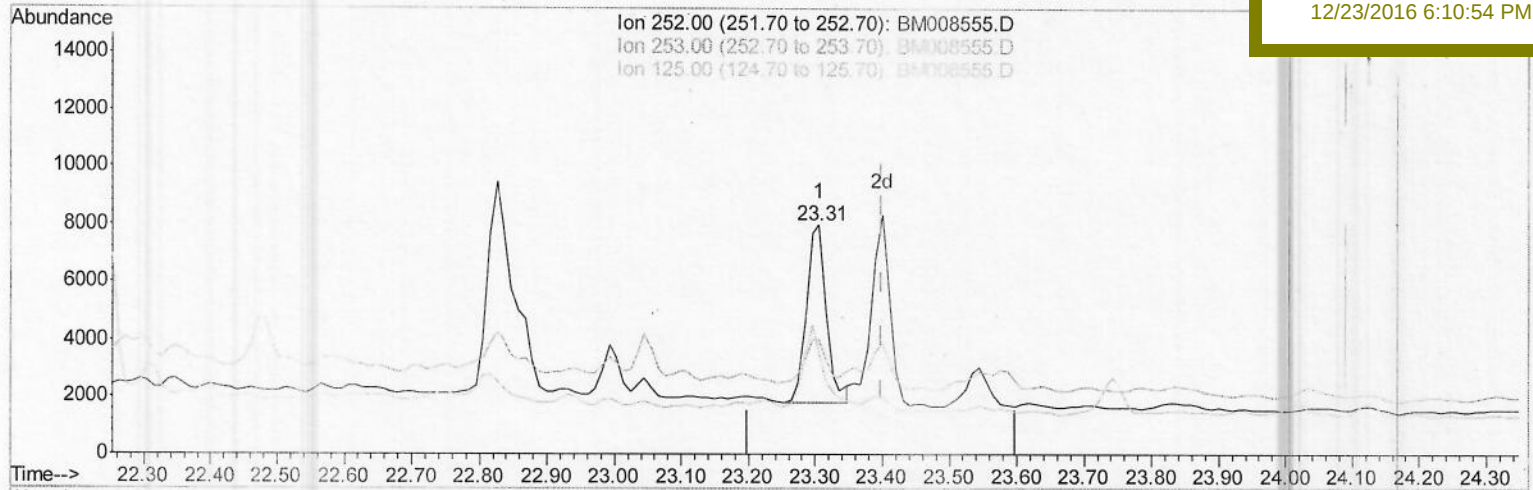
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 16:01:41 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 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA861

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TIC: BM008555.D

(23) Benzo(a)pyrene (C)
 23.305min (-0.094) 2.44ng/ul
 response 12977

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	50.63#
125.00	22.60	45.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

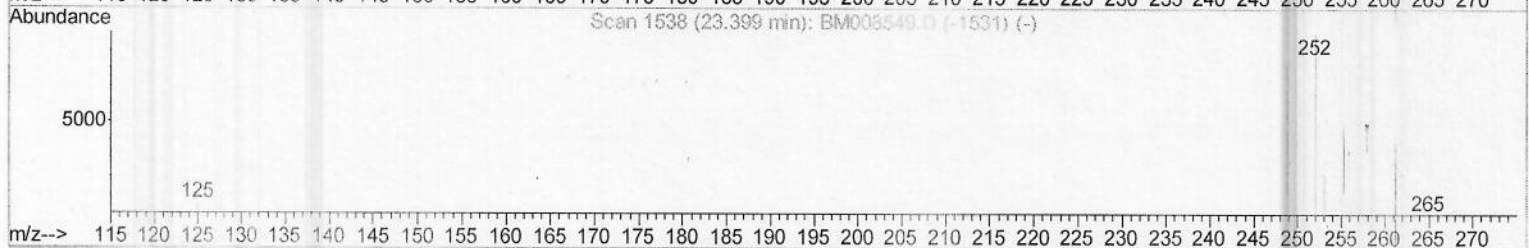
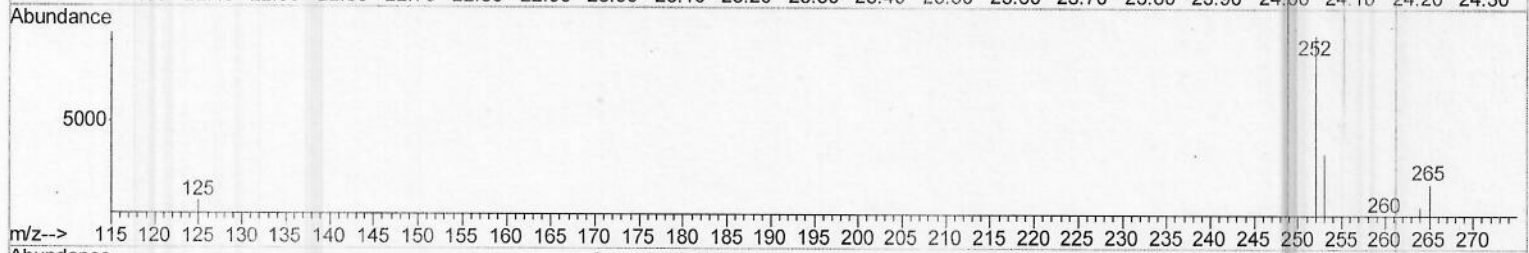
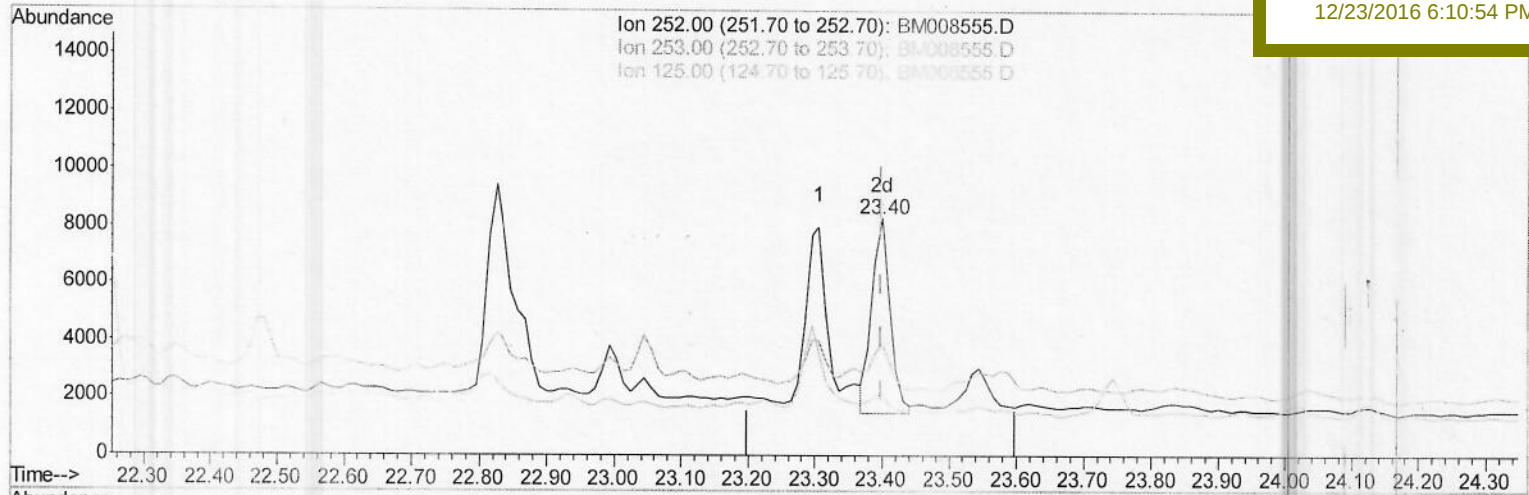
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 16:01:41 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 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA861

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(23) Benzo(a)pyrene (C)
 23.399min (+0.000) 2.46ng/ul m
 response 13049

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	46.94#
125.00	22.60	24.16
0.00	0.00	0.00

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Quantitation Report (Qedit)

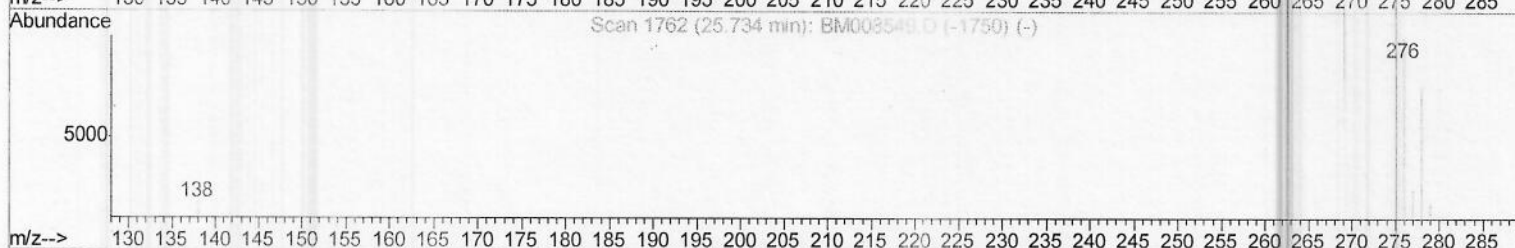
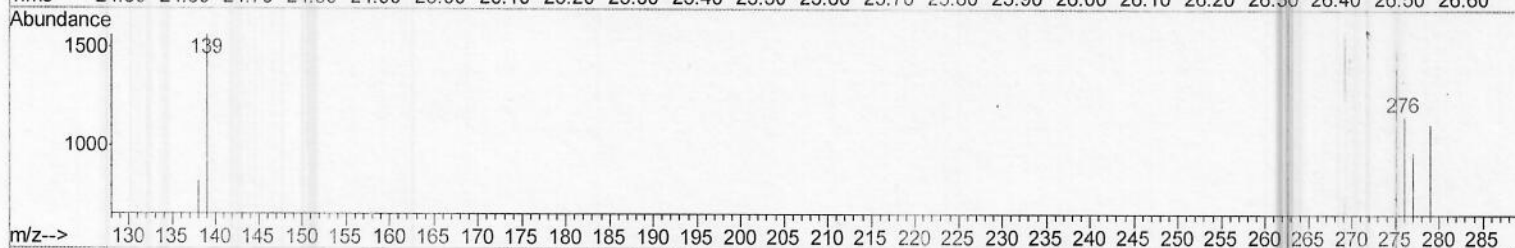
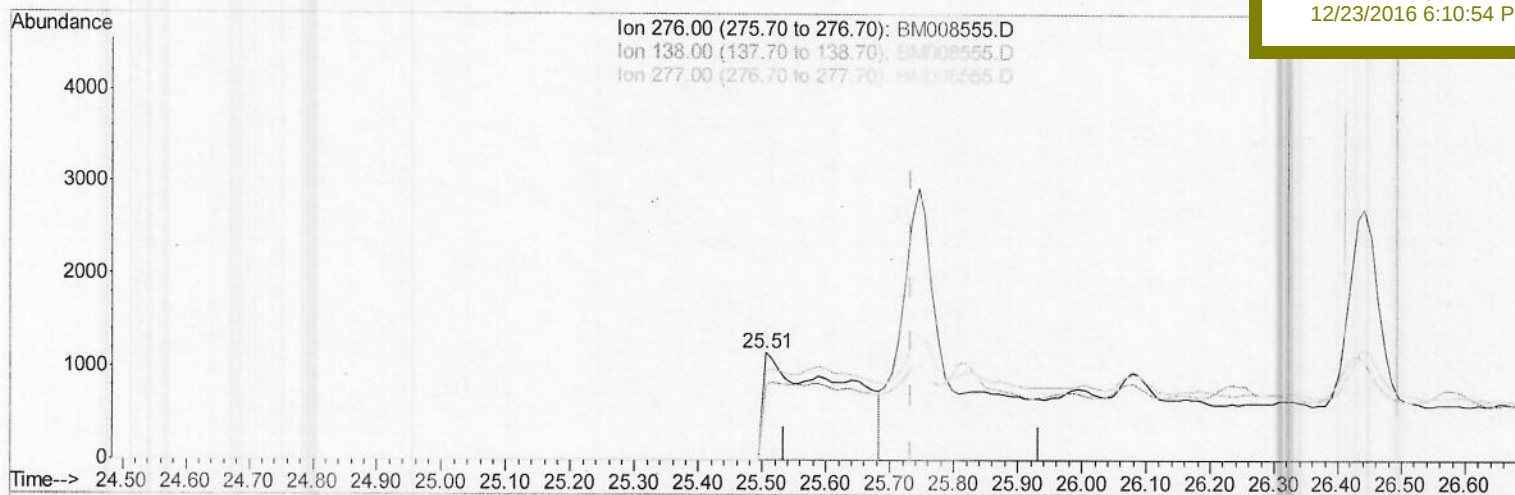
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 16:01:41 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 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA861

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TIC: BM008555.D

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

25.505min (-0.229) 1.56ng/ul

response 9886

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	99.22#
277.00	24.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

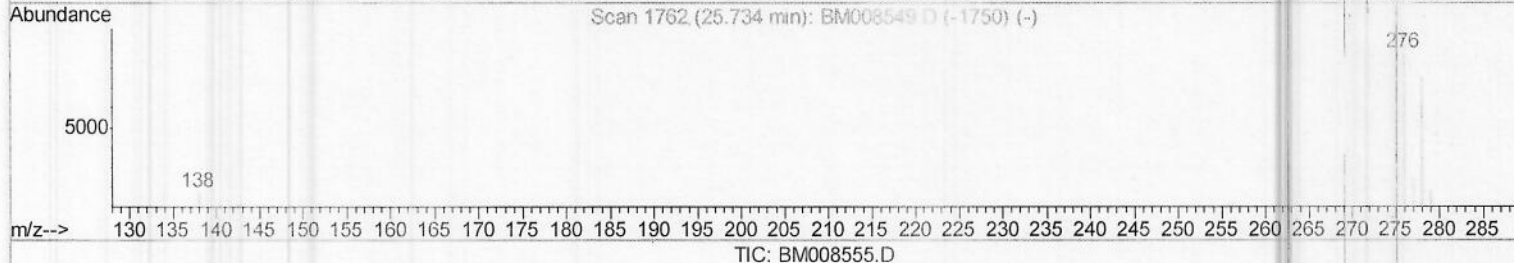
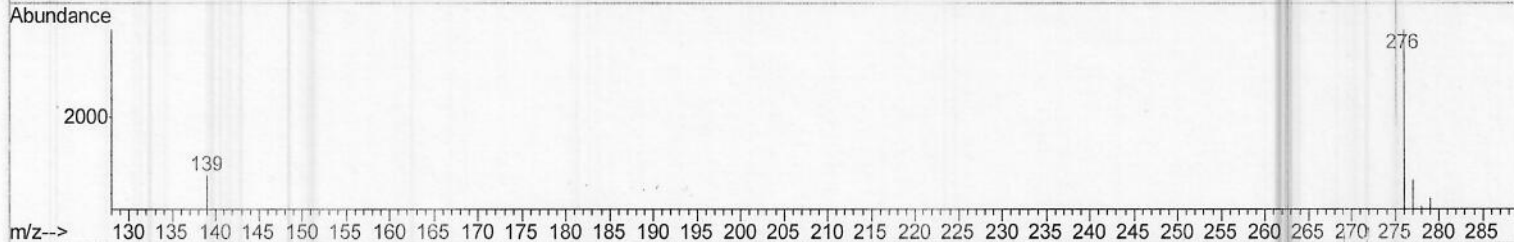
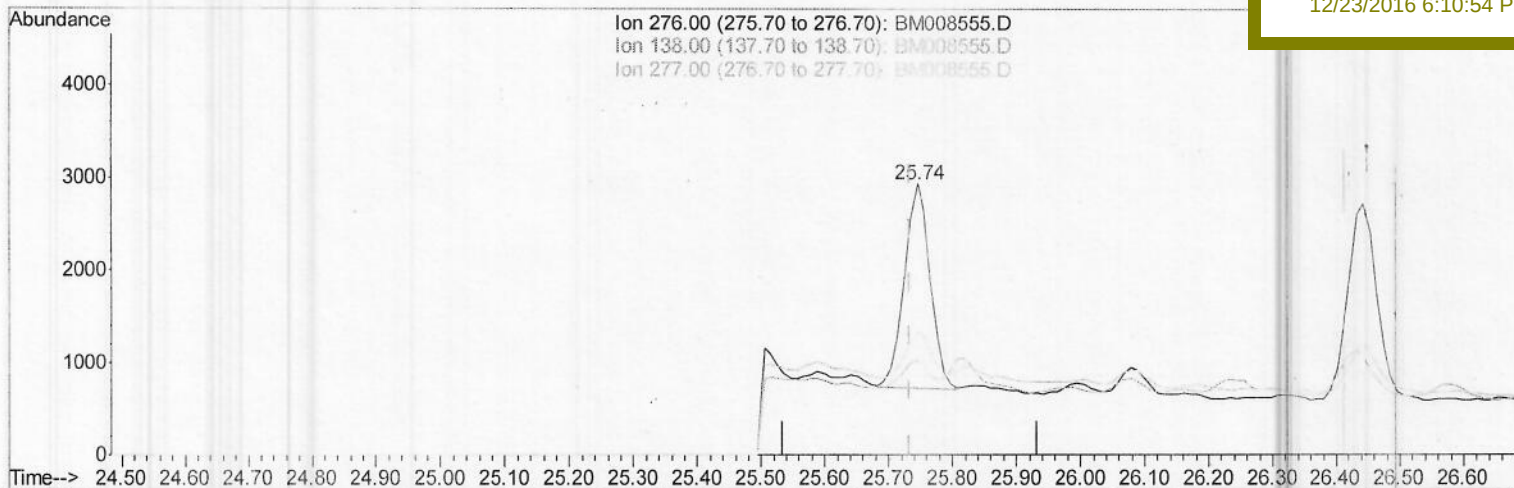
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
Client Sampled :
 DA861

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Quant Time: Dec 22 16:01:41 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 13:27:14 2016
 Response via : Initial Calibration



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

25.745min (+0.011) 0.99ng/ul m

response 6242

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	157.15#
277.00	24.50	0.00#
0.00	0.00	0.00

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Quantitation Report (Qedit)

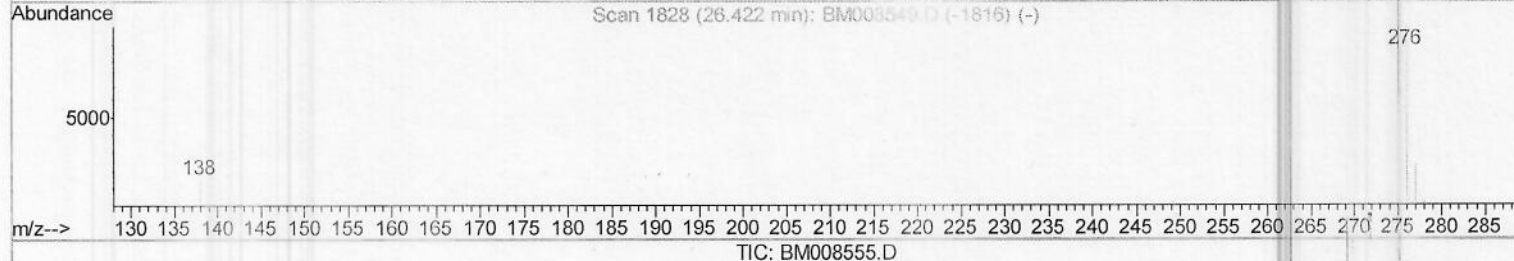
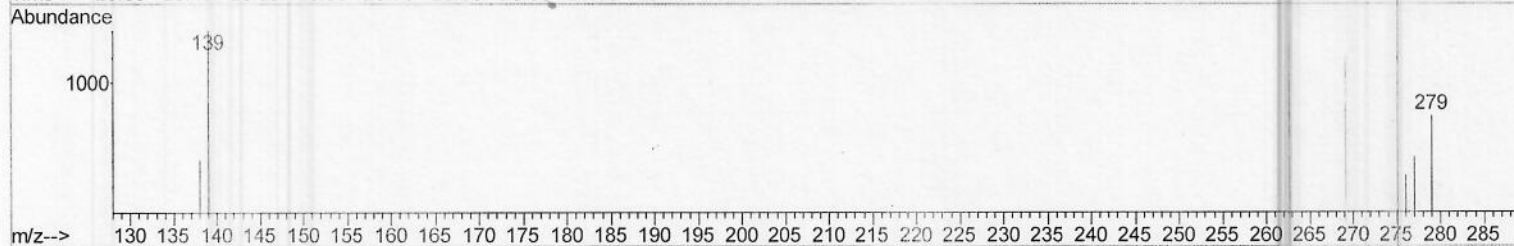
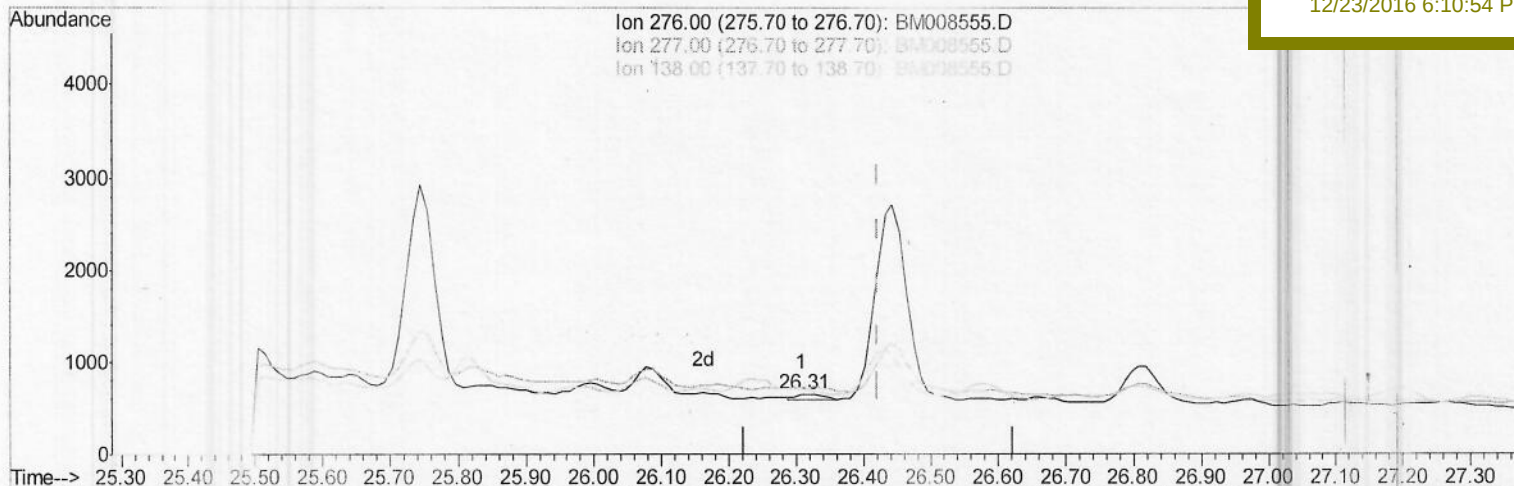
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA861

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Quant Time: Dec 22 16:01:41 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 13:27:14 2016
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
 26.308min (-0.114) 0.03ng/ul
 response 141

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	111.04#
138.00	25.60	109.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

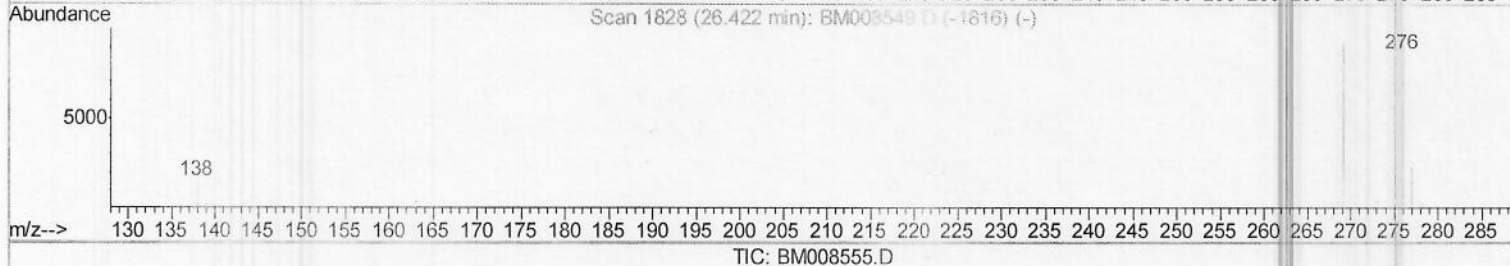
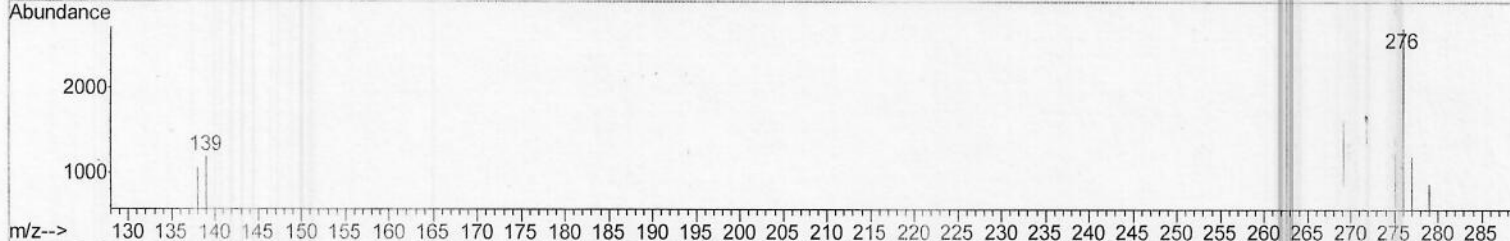
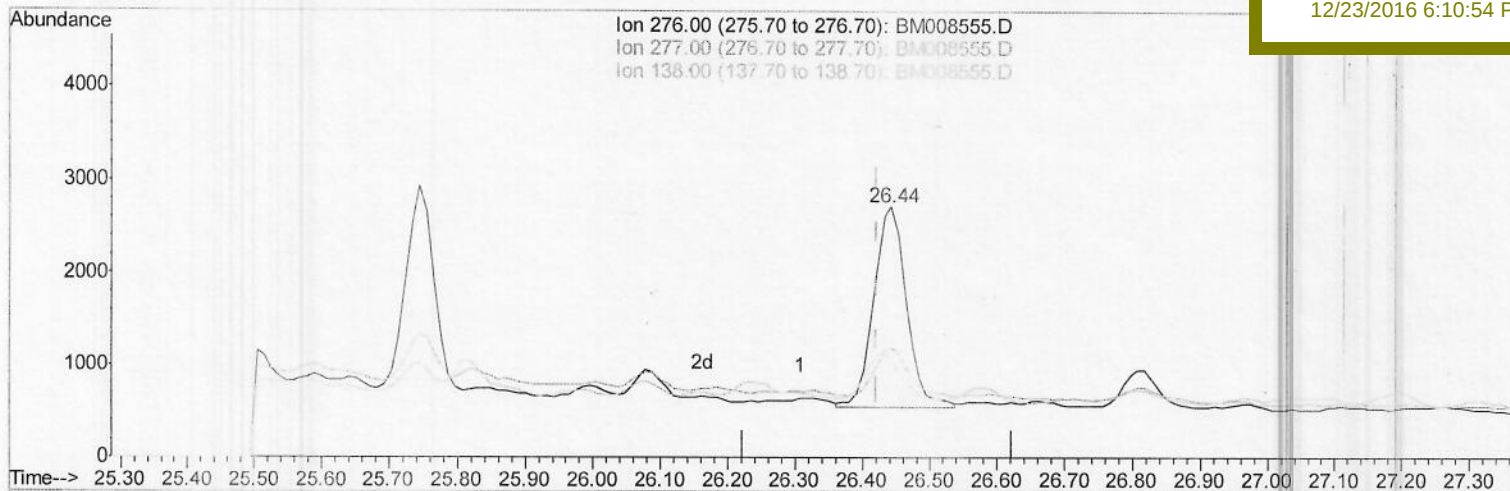
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 16:01:41 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 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA861

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

26.443min (+0.021) 1.34ng/ul m

response 7295

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	44.11#
138.00	25.60	39.04#
0.00	0.00	0.00

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Quantitation Report (Qedit)

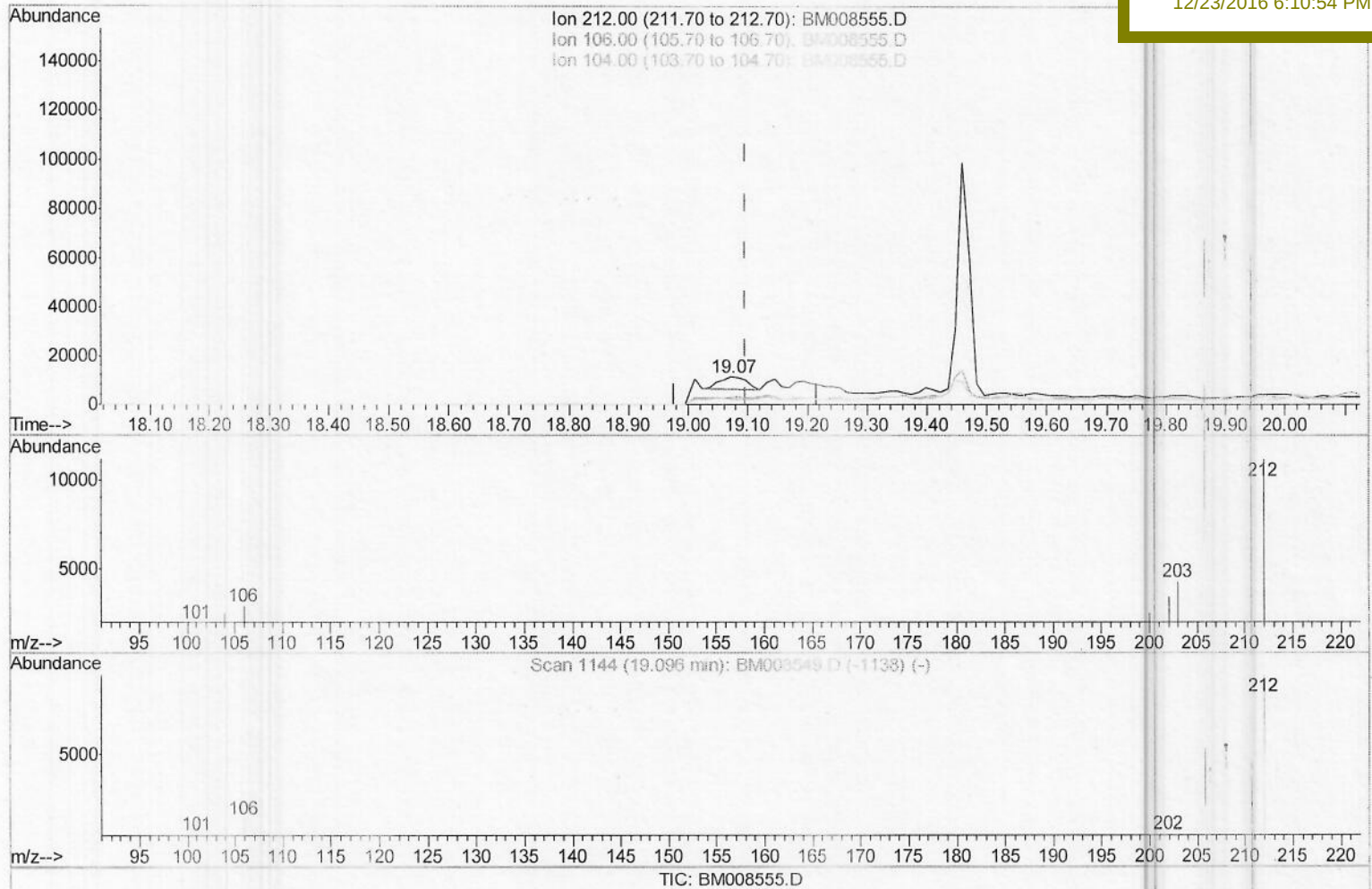
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA861

Quant Time: Dec 22 16:03:37 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 13:27:14 2016
 Response via : Initial Calibration

Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.072min (-0.024) 0.44ng/ul m

response 16400

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	106.16#
104.00	45.60	0.00#
0.00	0.00	0.00

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Quantitation Report (Qedit)

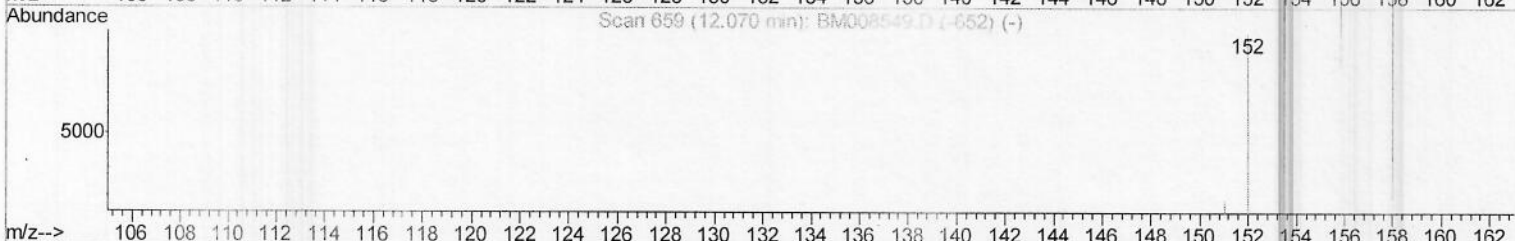
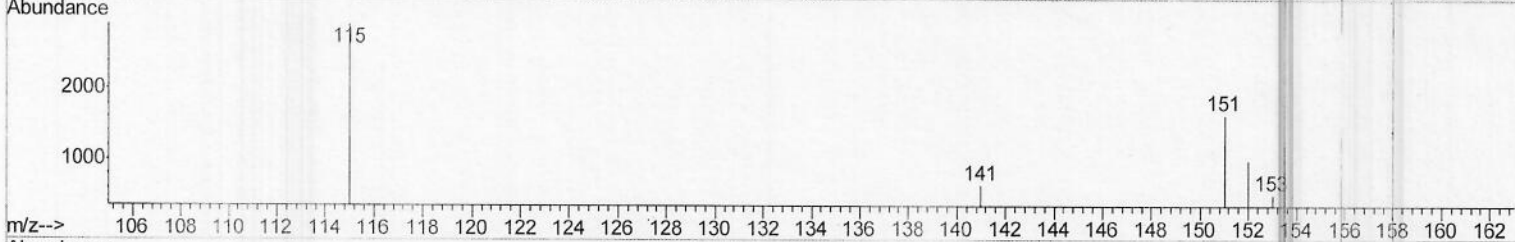
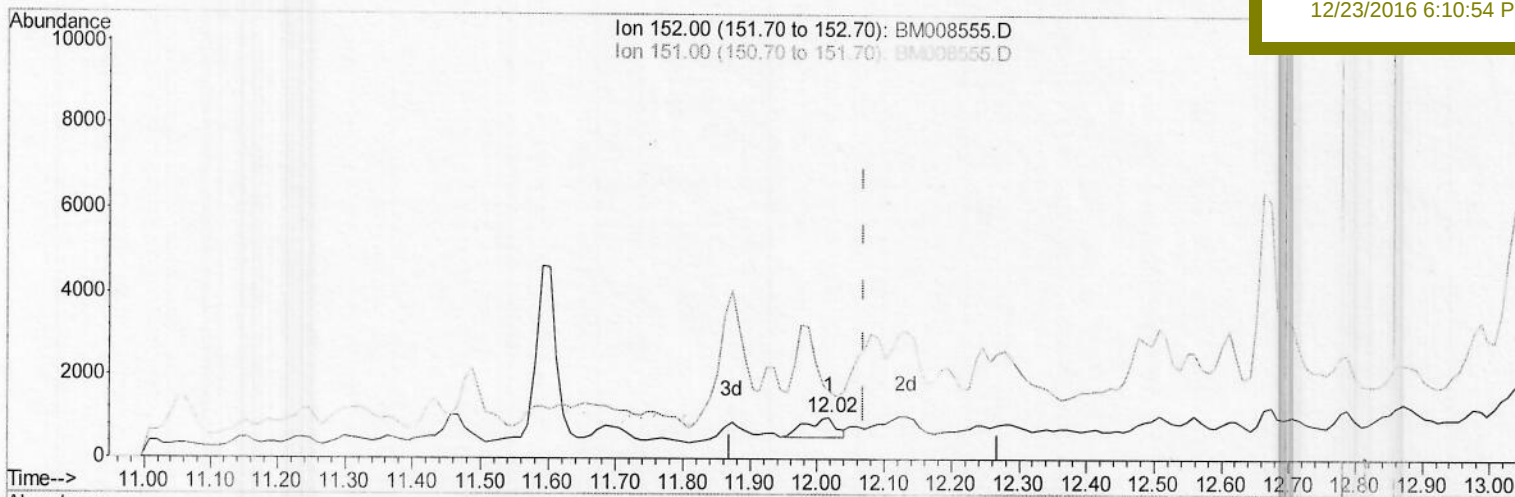
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 17:45:57 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 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA861

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TIC: BM008555.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.018min (-0.052) 0.57ng/ul

response 1550

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

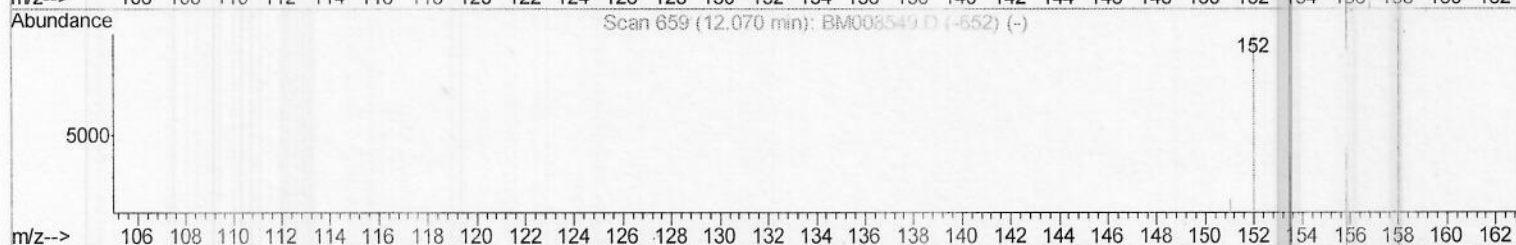
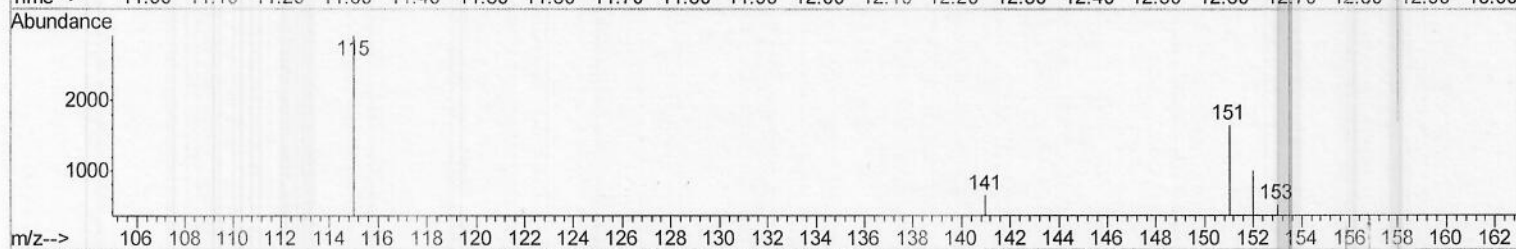
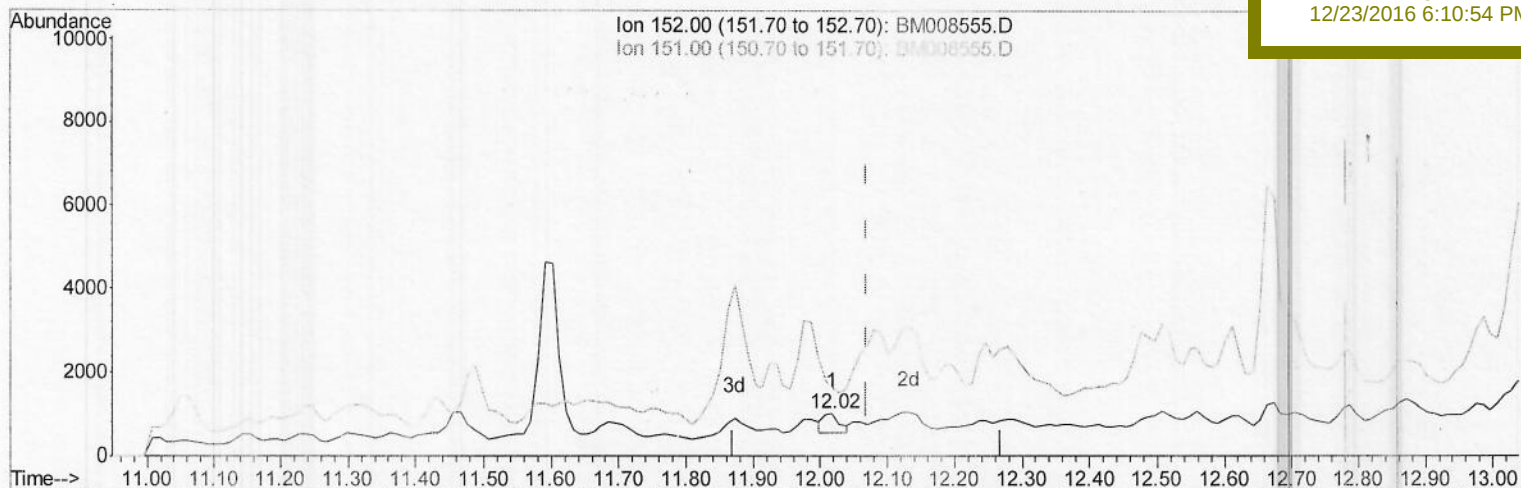
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 17:45:57 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 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 DA861

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TIC: BM008555.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.018min (-0.052) 0.30ng/ul m

response 817

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 17:51:18 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 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sample ID :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	446	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	1782	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	3174	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	13688	0.40	ng/ul	-0.07
16) Chrysene-d12	21.26	240	2498m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	1454m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	817m	0.30	ng/ul	-0.05
14) Fluoranthene-d10	19.07	212	16400m	0.44	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.46	128	23459	4.68	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	59744	17.70	ng/ul	100
7) Acenaphthylene	14.01	152	15913	1.11	ng/ul#	1
8) Acenaphthene	14.35	153	35862	3.32	ng/ul	90
9) Fluorene	15.36	166	70572	5.73	ng/ul	97
12) Phenanthrene	17.09	178	190071	4.55	ng/ul#	93
13) Anthracene	17.18	178	24021	0.59	ng/ul#	69
15) Fluoranthene	19.12	202	57041	1.11	ng/ul	88
17) Pyrene	19.48	202	108617	11.25	ng/ul	94
18) Benzo(a)anthracene	21.24	228	20996m	2.56	ng/ul	
19) Chrysene	21.29	228	22899m	2.55	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	17523m	3.06	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	2742m	0.49	ng/ul	
23) Benzo(a)pyrene	23.40	252	13049m	2.46	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	6242m	0.99	ng/ul	
26) Benzo(g,h,i)perylene	26.44	276	7295m	1.34	ng/ul	

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

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Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
Data File : BM008555.D
Acq On : 22 Dec 2016 14:44
Operator : UM/SJ
Sample : H5970-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 17:51:18 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 13:27:14 2016
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample ID :
DA861

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