

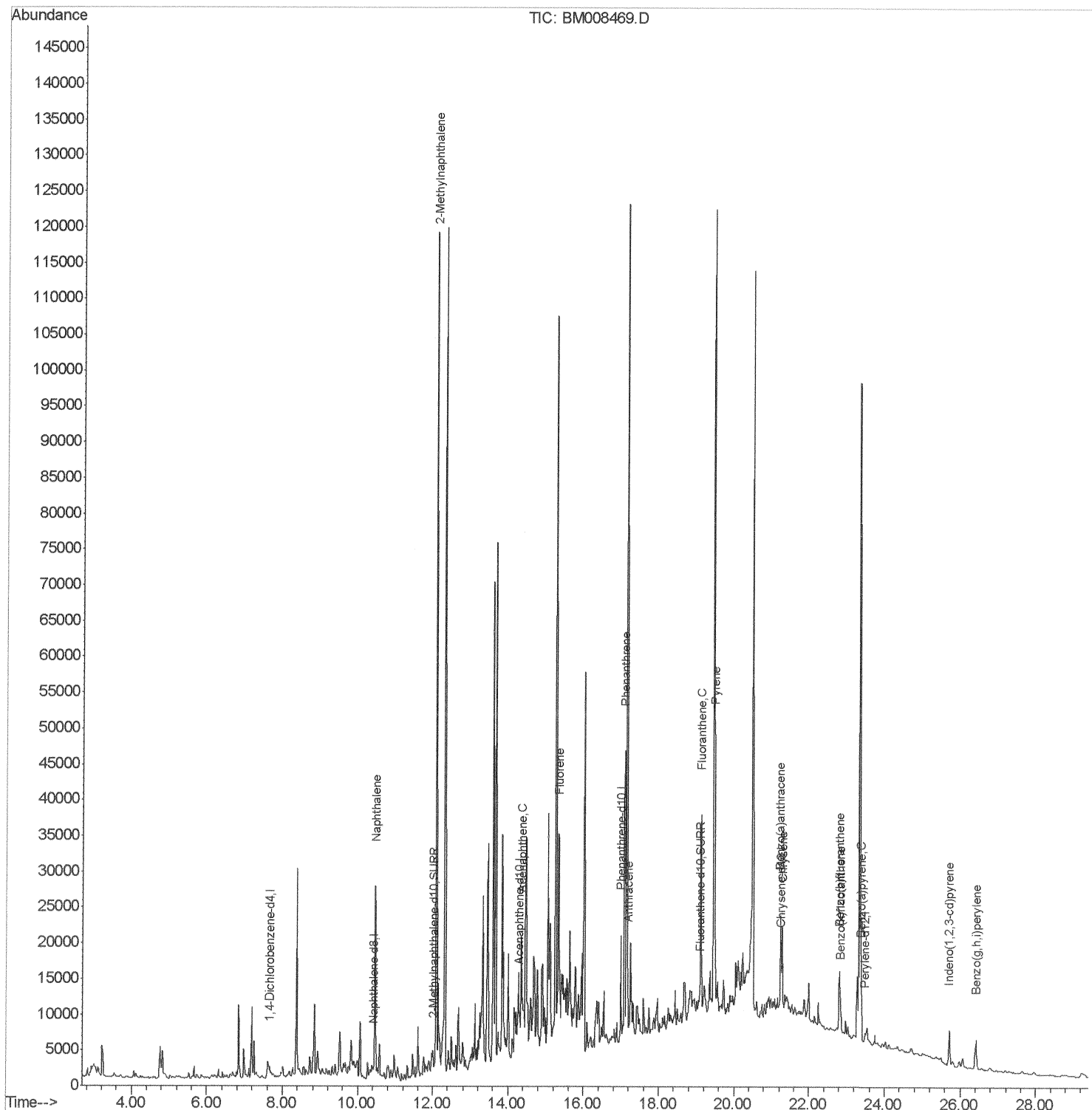
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 14:06:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



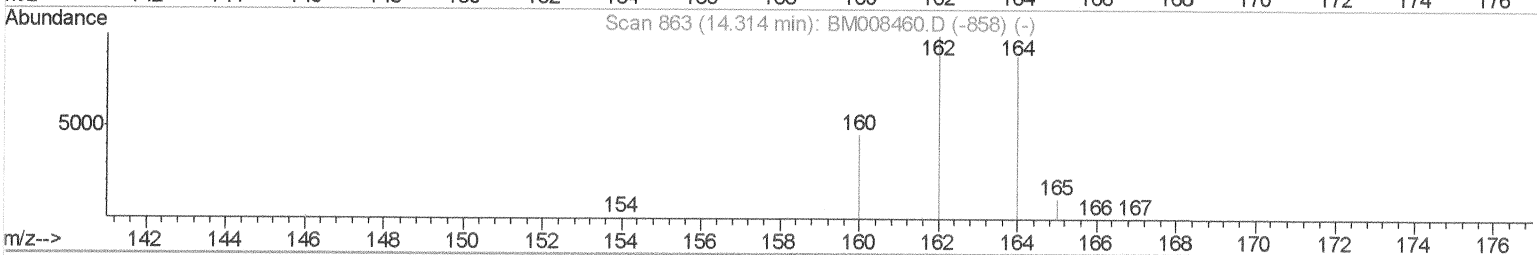
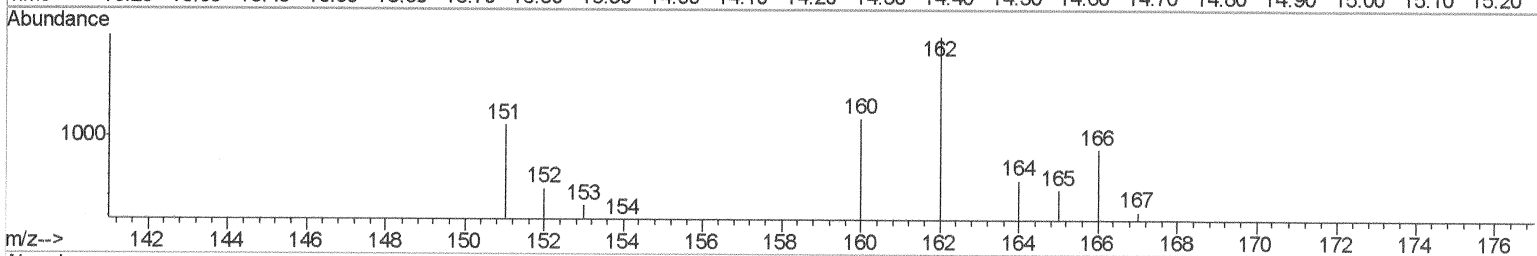
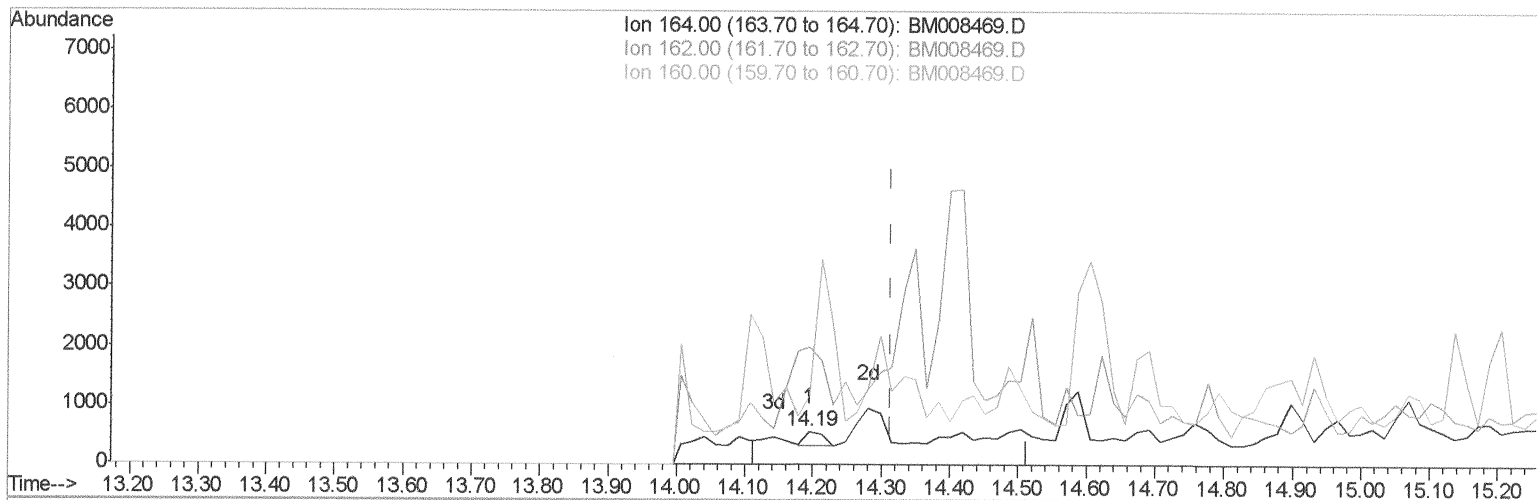
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 13:58:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(6) Acenaphthene-d10 (I)

14.194min (-0.120) 0.40ng/ul

response 461

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	354.90#
160.00	48.80	208.73#
0.00	0.00	0.00

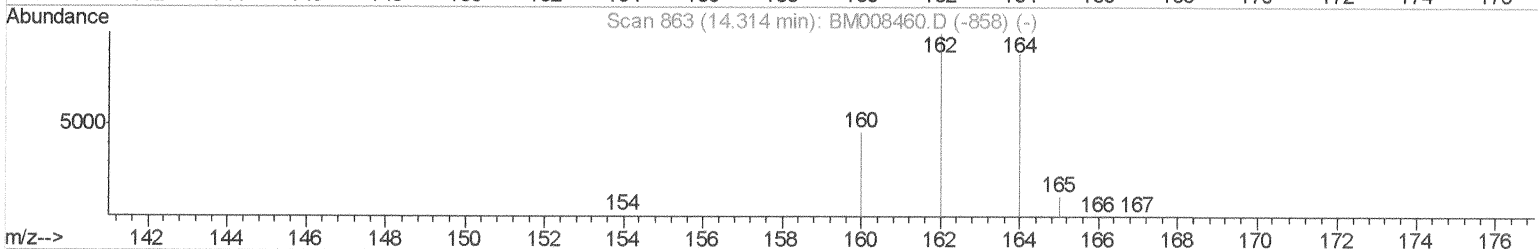
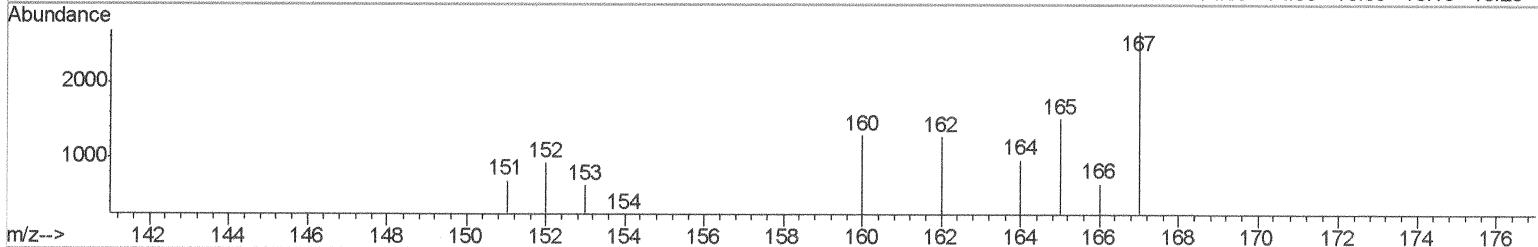
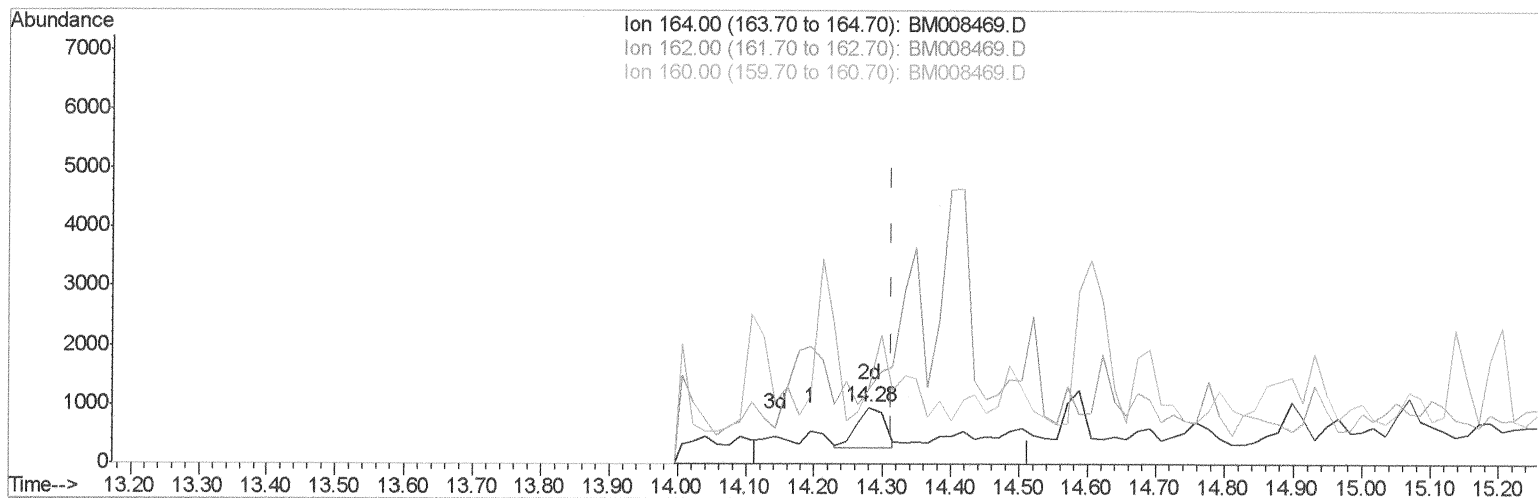
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 13:58:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(6) Acenaphthene-d10 (I)

14.280min (-0.034) 0.40ng/ul m

SJ 12/21/16

response 1990

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	132.05#
160.00	48.80	134.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

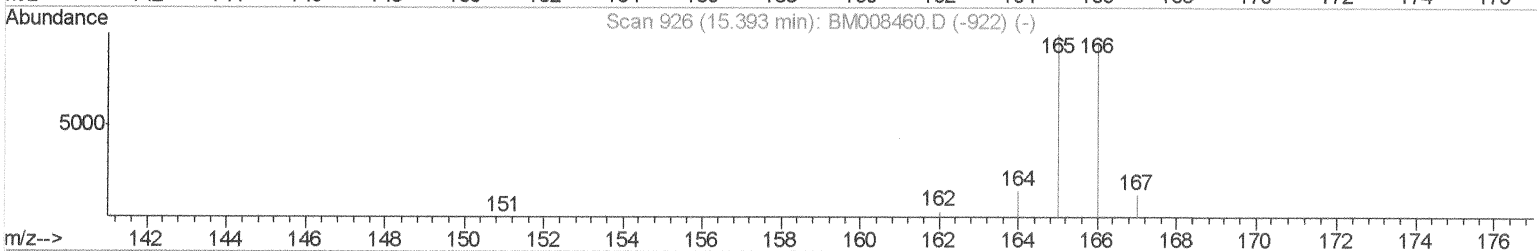
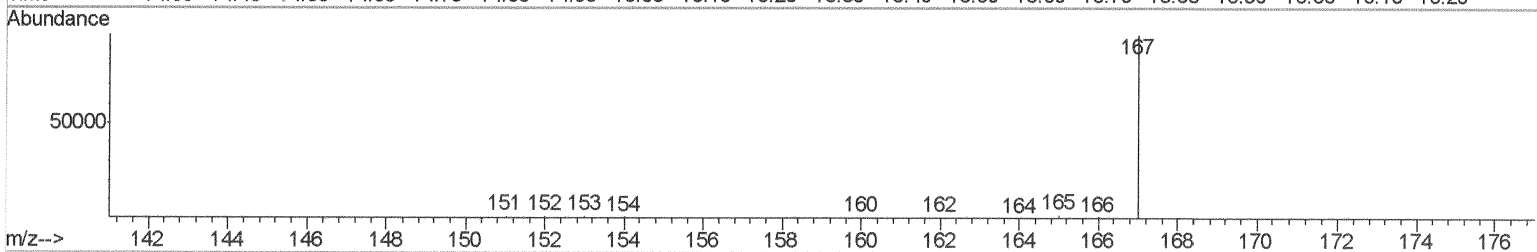
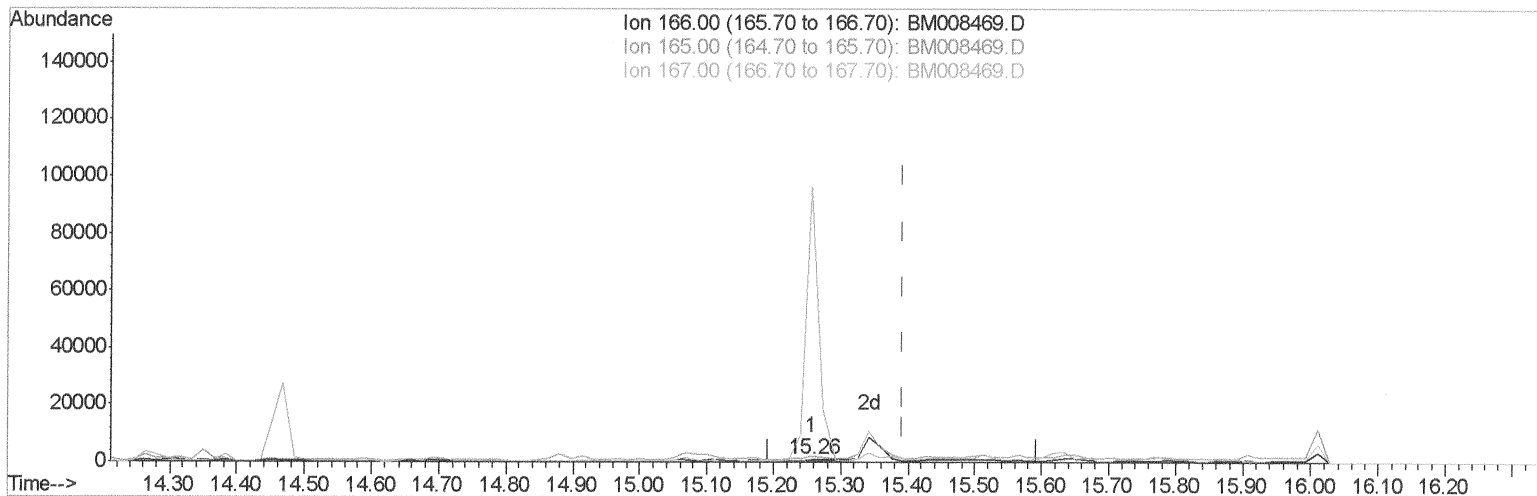
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
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 Operator : UM/SJ
 Sample : H5970-11
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Instrument :
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Manual Integrations
APPROVED

sohil
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Quant Time: Dec 20 13:59:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration



TIC: BM008469.D

(9) Fluorene

15.256min (-0.137) 0.37ng/ul

response 2867

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	214.40#
167.00	18.30	9386.77#
0.00	0.00	0.00

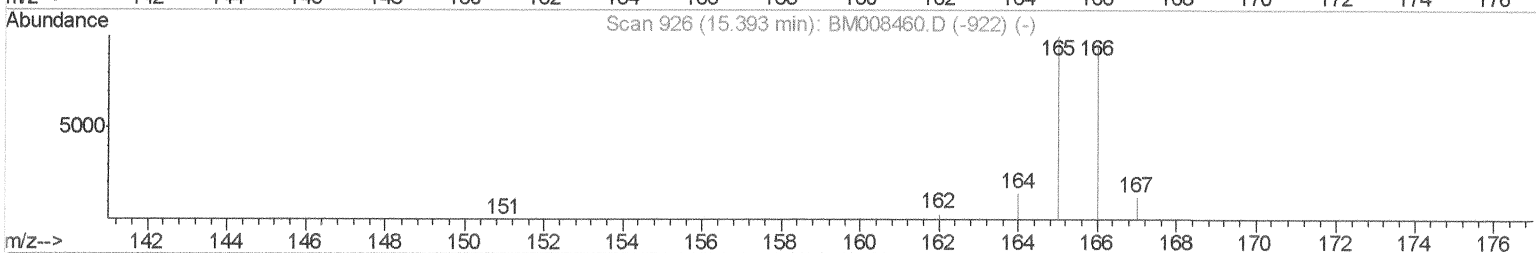
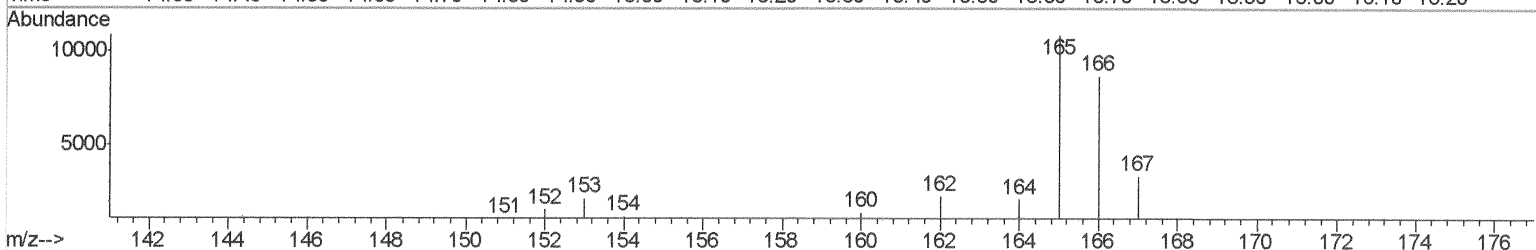
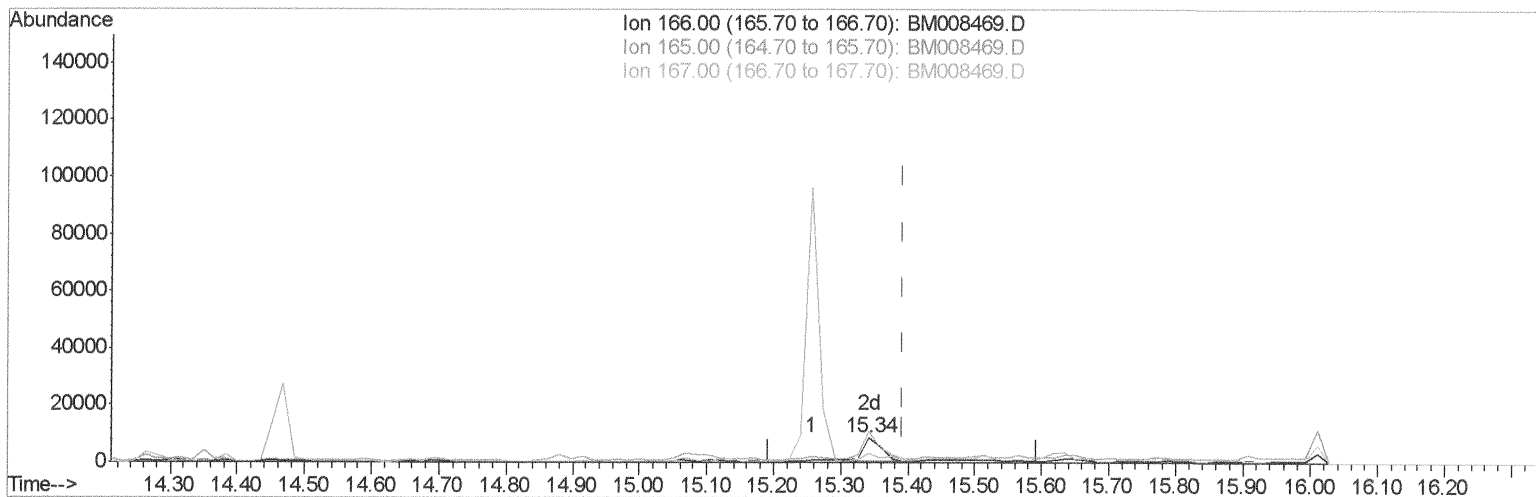
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

sohil
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Quant Time: Dec 20 13:59:22 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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Response via : Initial Calibration



TIC: BM008469.D

(9) Fluorene

15.342min (-0.051) 2.17ng/ul m

SJ 12/21/16

response 16756

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	125.37#
167.00	18.30	38.44#
0.00	0.00	0.00

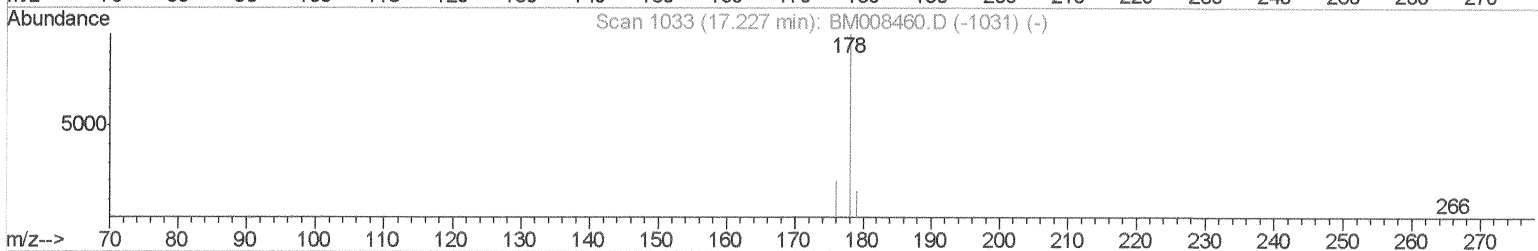
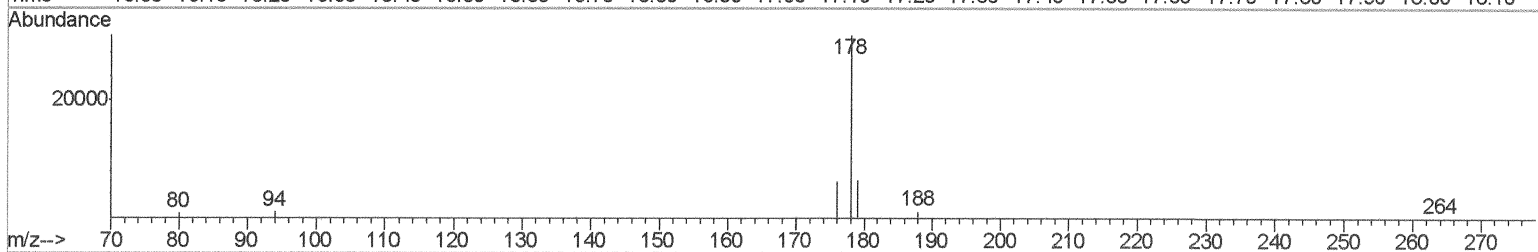
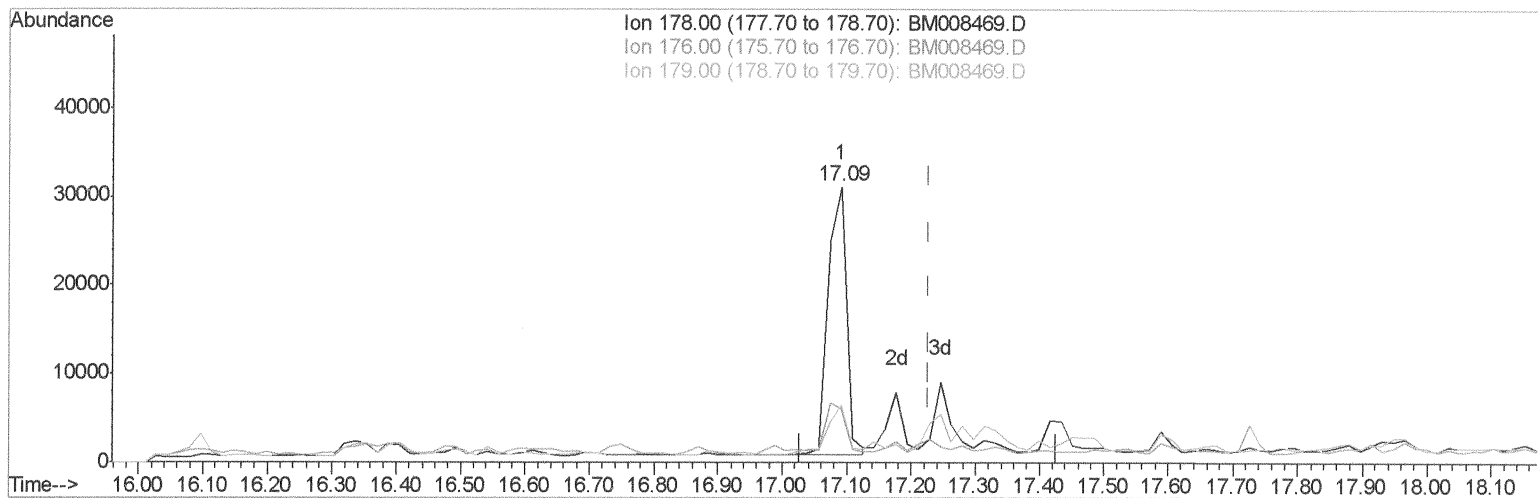
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
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Quant Time: Dec 20 13:59:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008469.D

(13) Anthracene

17.090min (-0.137) 0.95ng/ul

response 60439

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	19.75
179.00	18.40	20.79
0.00	0.00	0.00

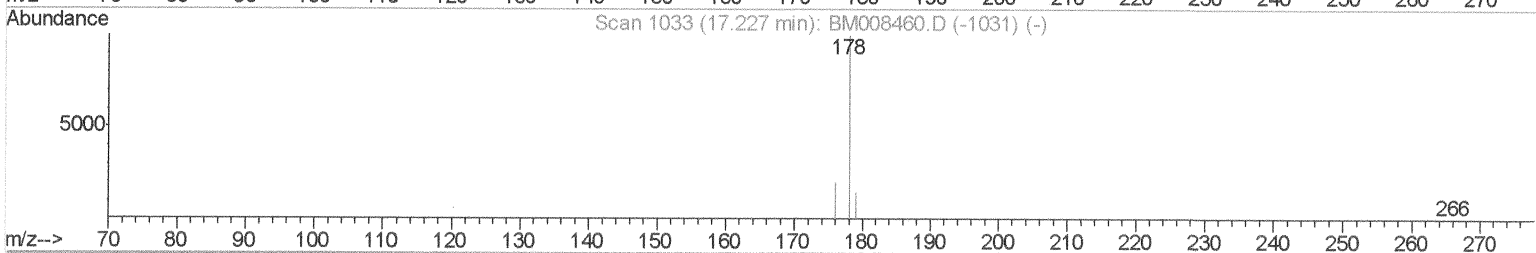
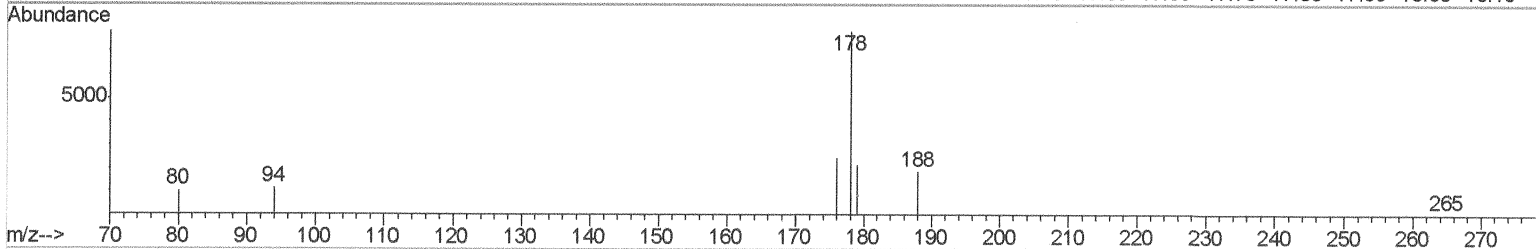
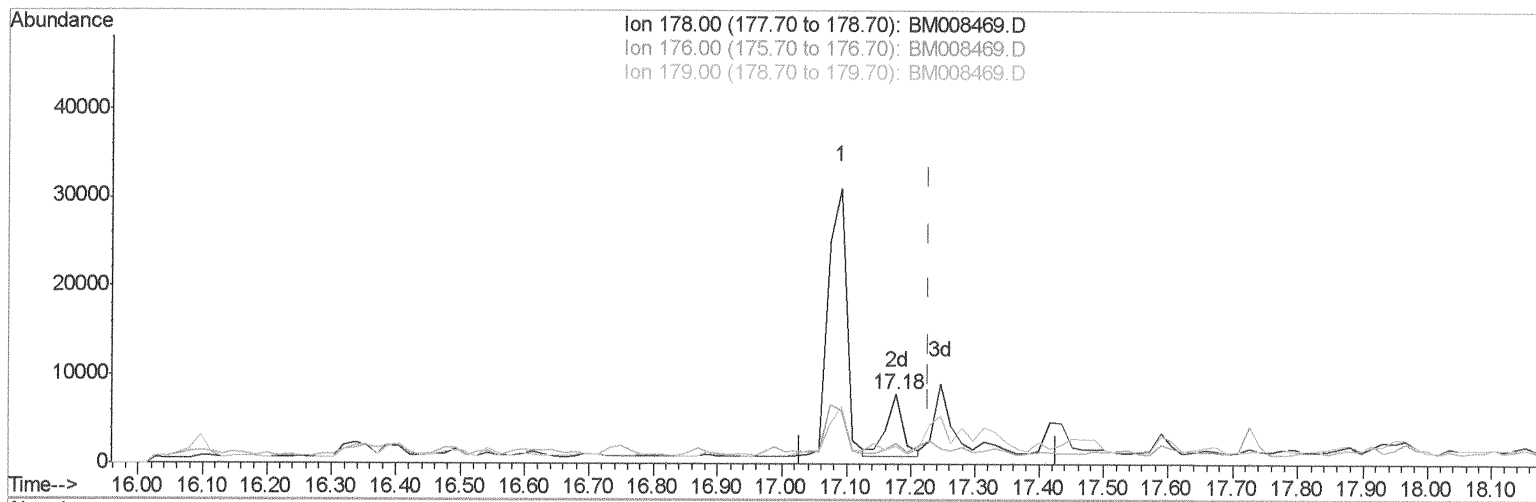
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
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Quant Time: Dec 20 13:59:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(13) Anthracene

17.176min (-0.051) 0.21ng/ul m

SJ 12/21/16

response 13377

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	31.24#
179.00	18.40	26.95#
0.00	0.00	0.00

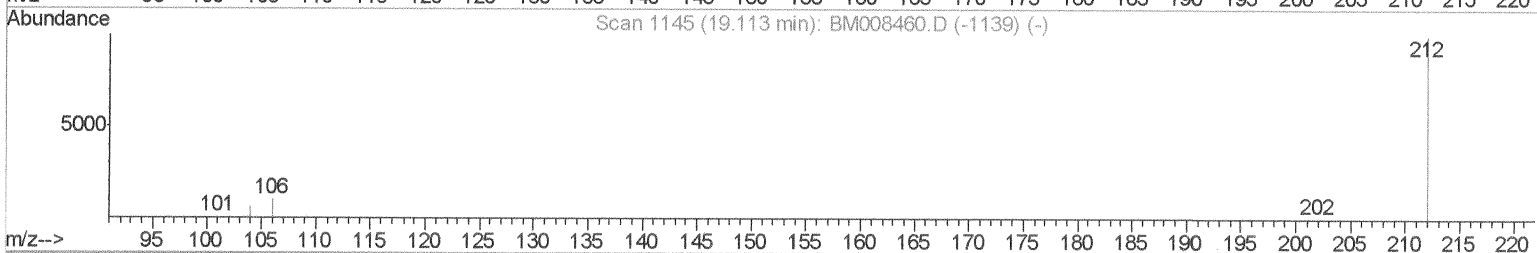
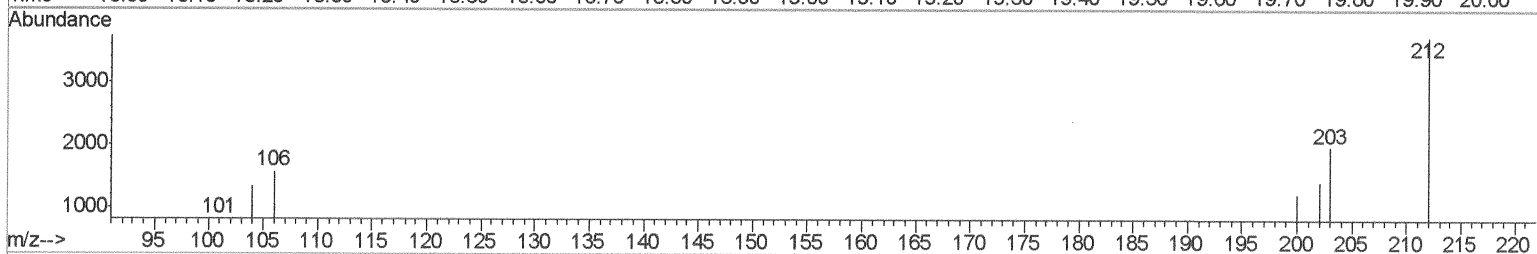
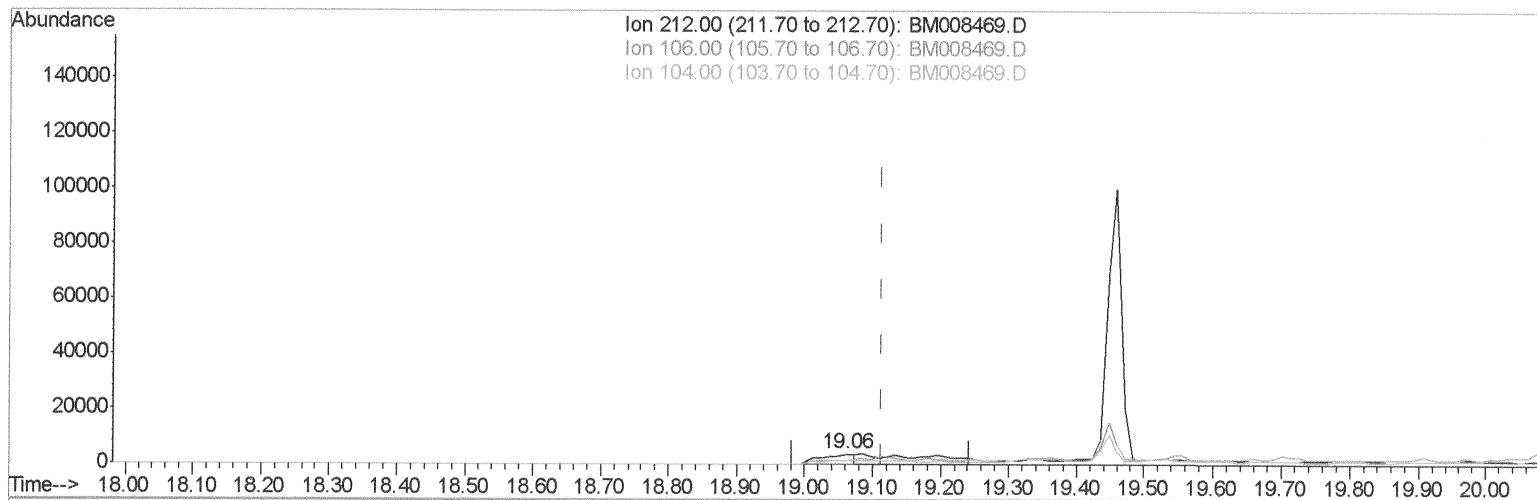
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
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Quant Time: Dec 20 13:59:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Response via : Initial Calibration



TIC: BM008469.D

(14) Fluoranthene-d10 (SURR)

19.060min (-0.053) 0.24ng/ul

response 14340

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	49.17#
0.00	0.00	0.00

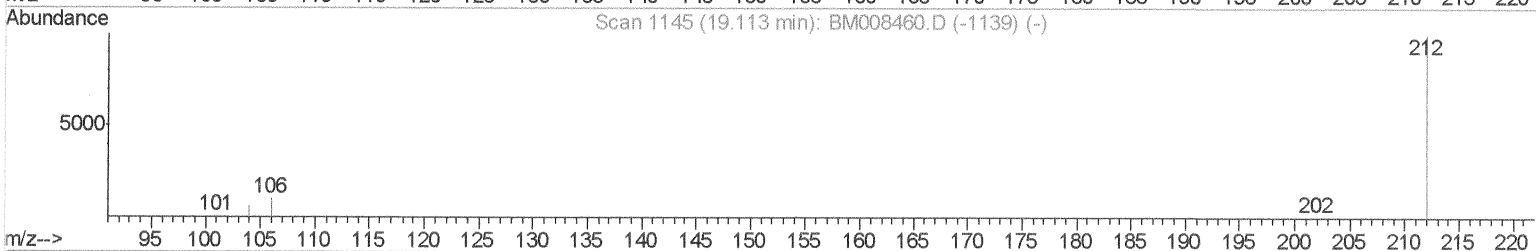
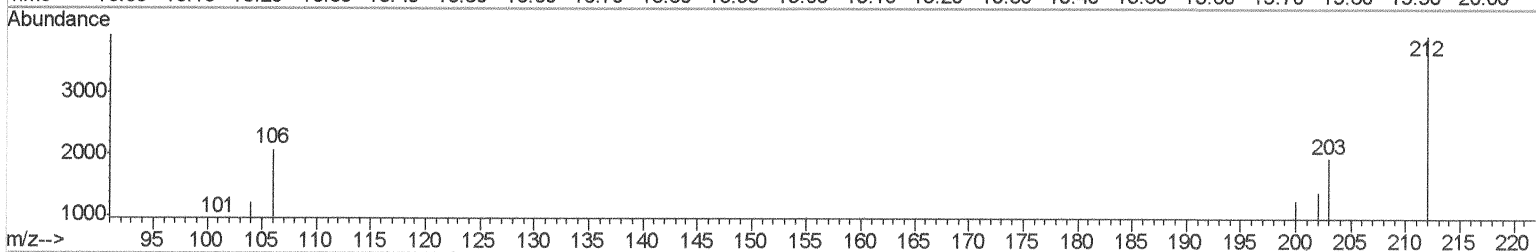
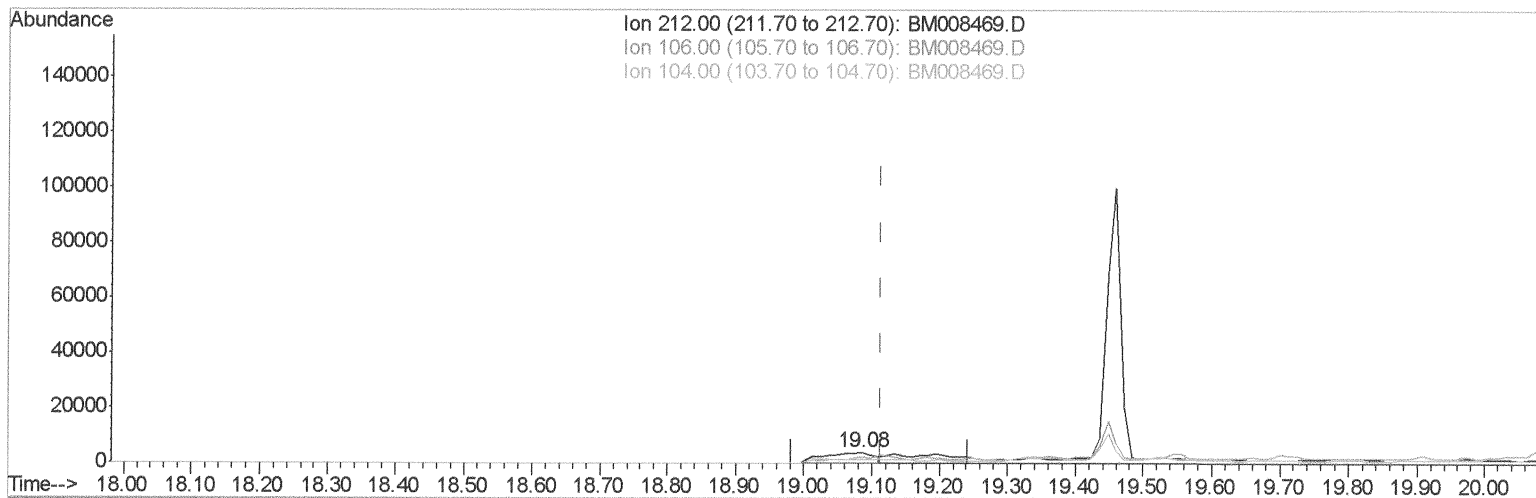
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
 Data File : BM008469.D
 Acq On : 20 Dec 2016 07:46
 Operator : UM/SJ
 Sample : H5970-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA850

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:31:32 PM

Quant Time: Dec 20 13:59:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration



TIC: BM008469.D

(14) Fluoranthene-d10 (SURR)

19.084min (-0.029) 0.35ng/ul m

SJ 12/21/16

response 20506

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	34.39#
0.00	0.00	0.00

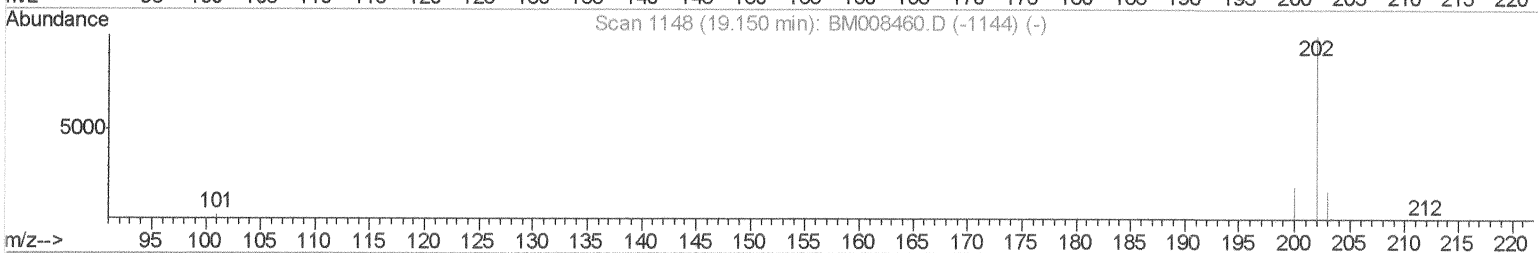
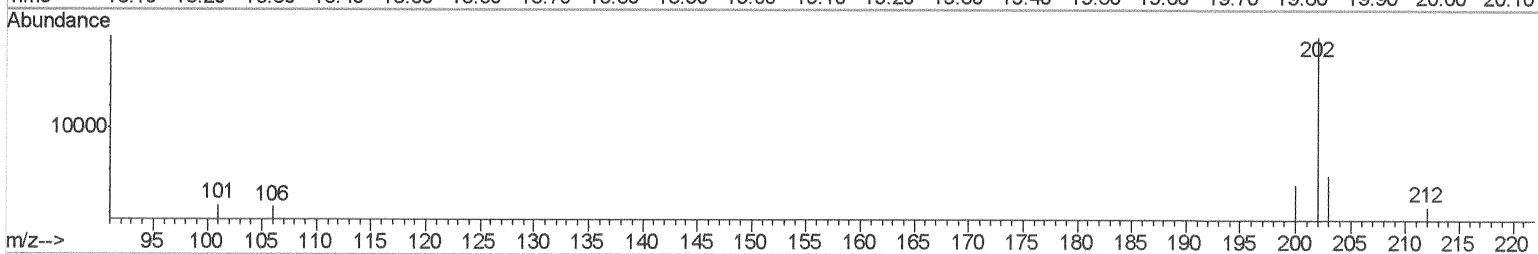
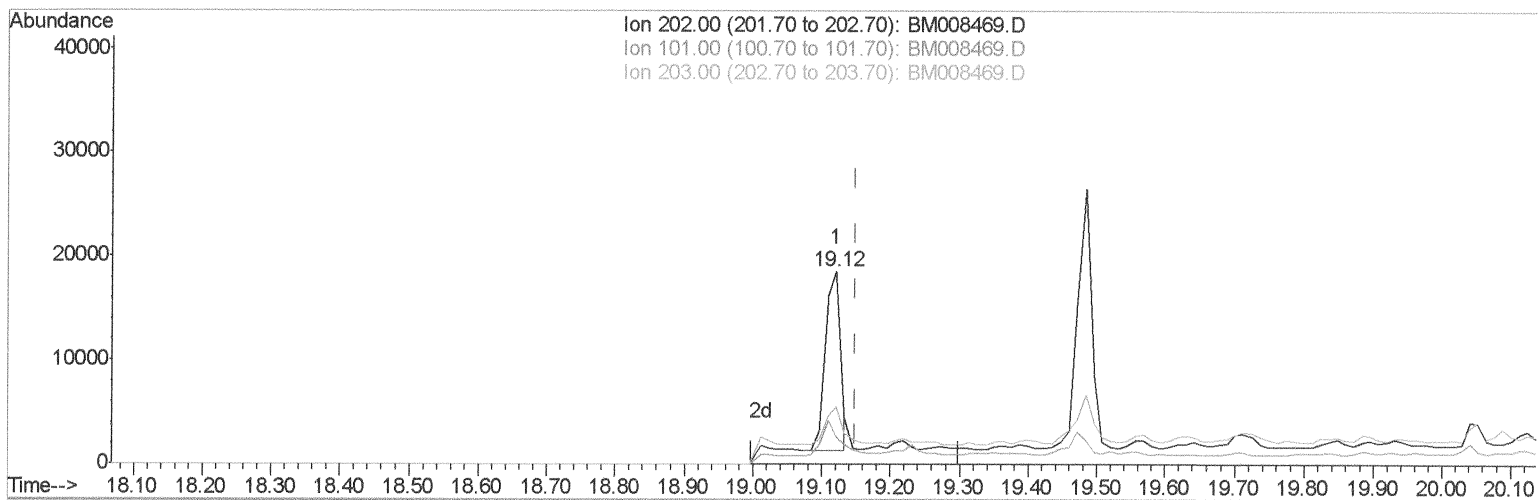
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 13:59:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(15) Fluoranthene (C)

19.121min (-0.029) 0.34ng/ul

response 26985

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	14.64
203.00	19.50	30.04
0.00	0.00	0.00

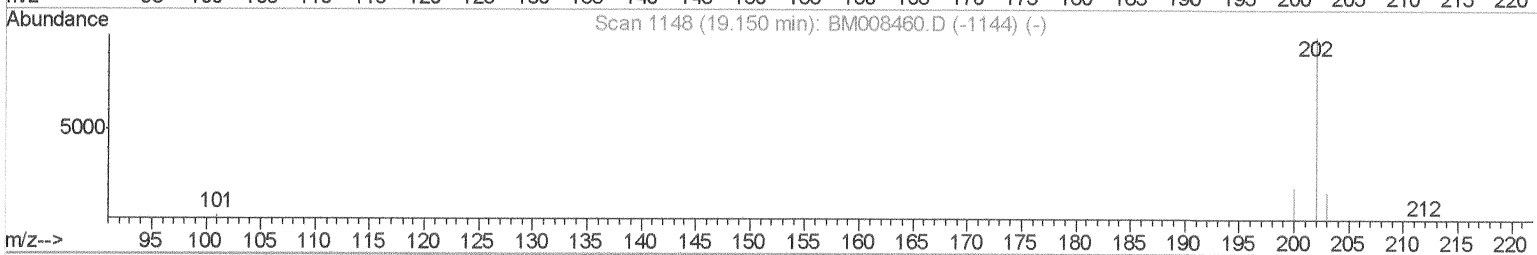
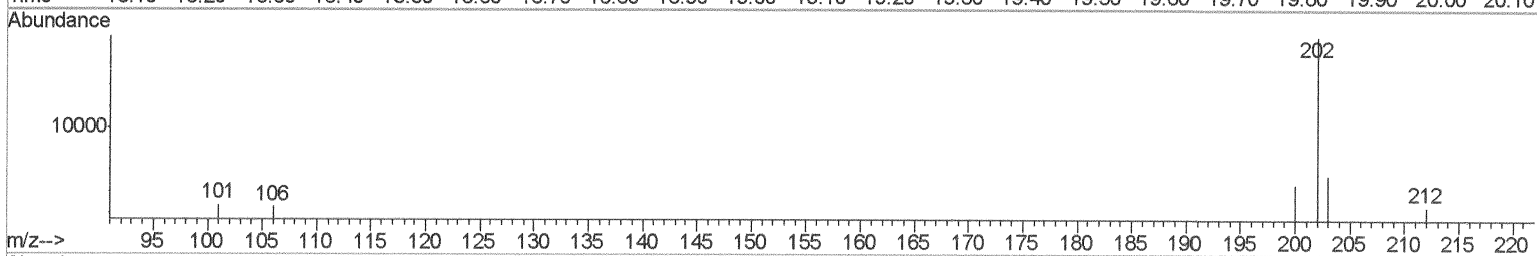
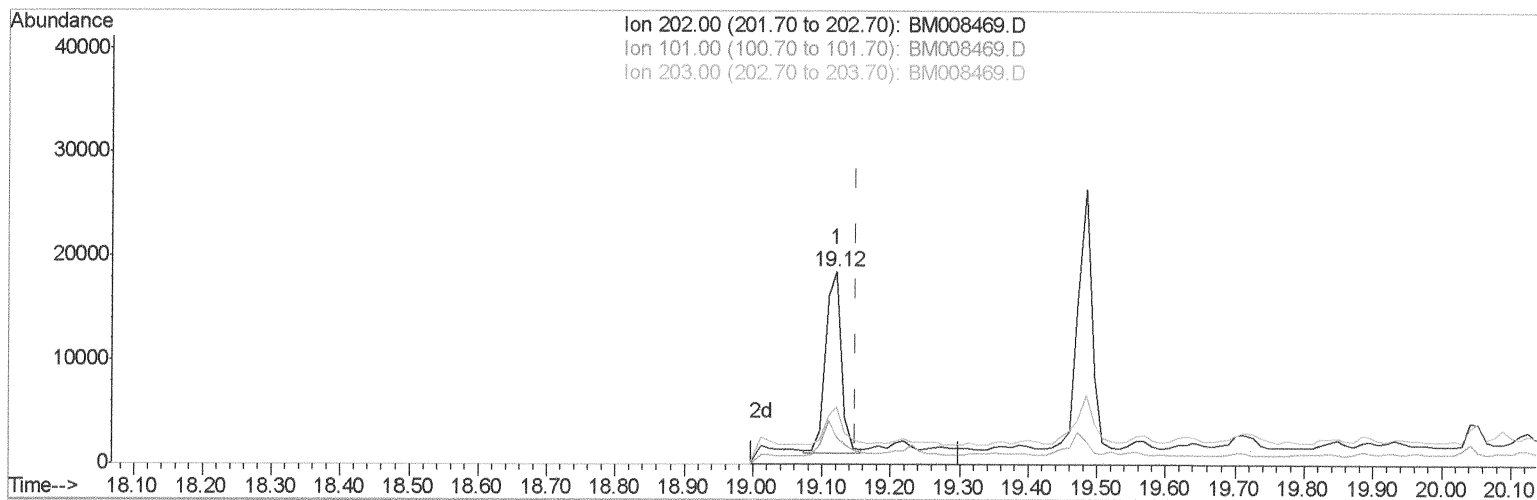
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 13:59:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(15) Fluoranthene (C)

19.121min (-0.029) 0.35ng/ui m

57 12/21/16

response 28256

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	14.64
203.00	19.50	30.04
0.00	0.00	0.00

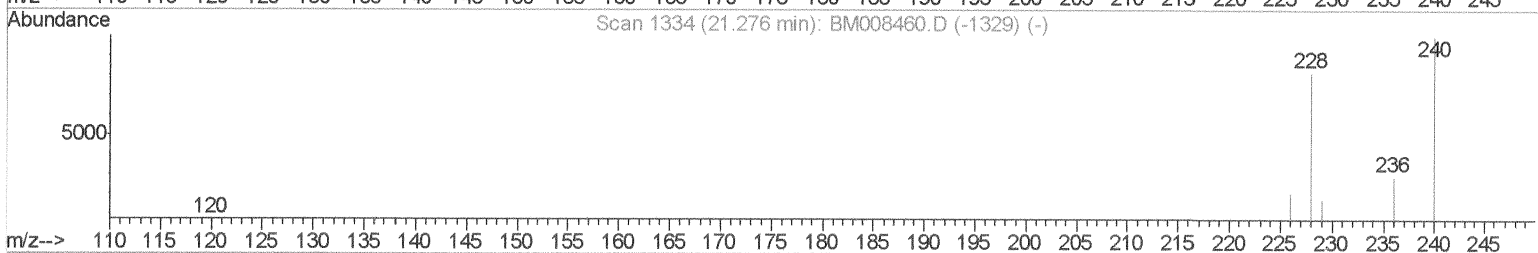
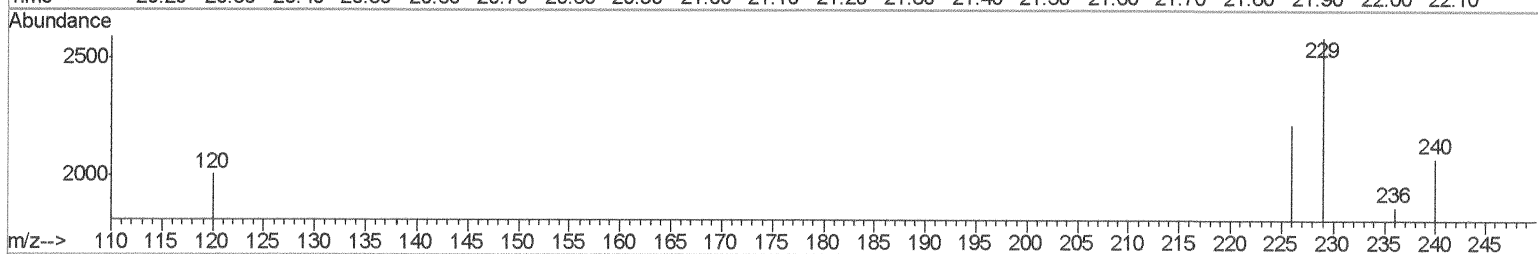
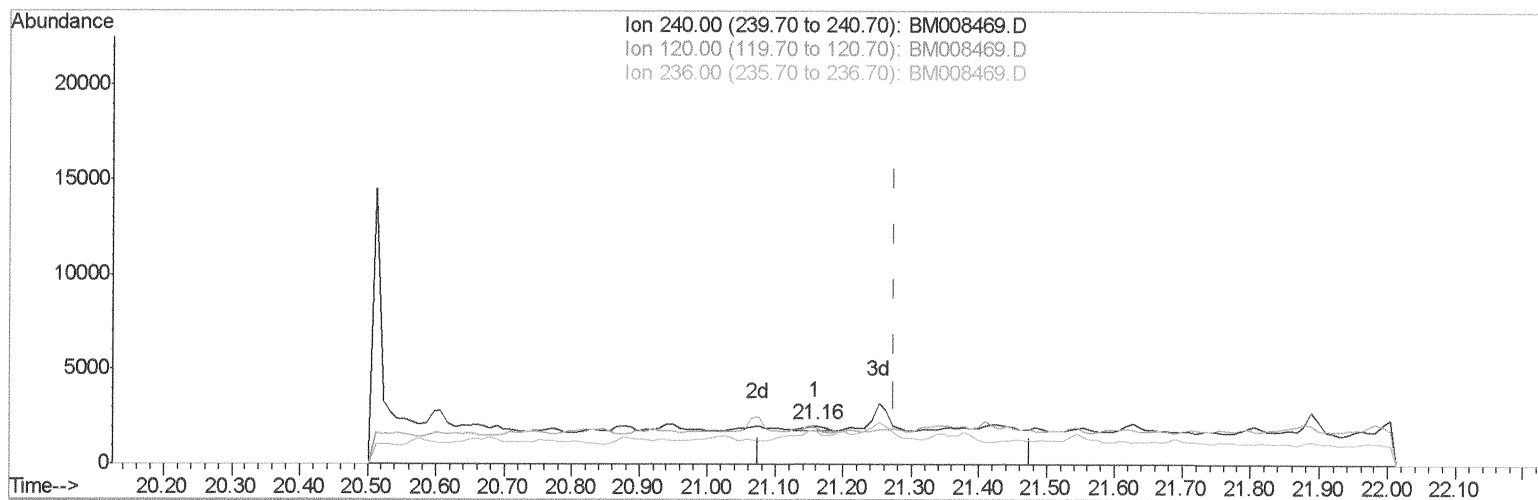
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 13:59:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008469.D

(16) Chrysene-d12 (I)

21.158min (-0.118) 0.40ng/ul

response 602

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	96.48#
236.00	34.90	89.93#
0.00	0.00	0.00

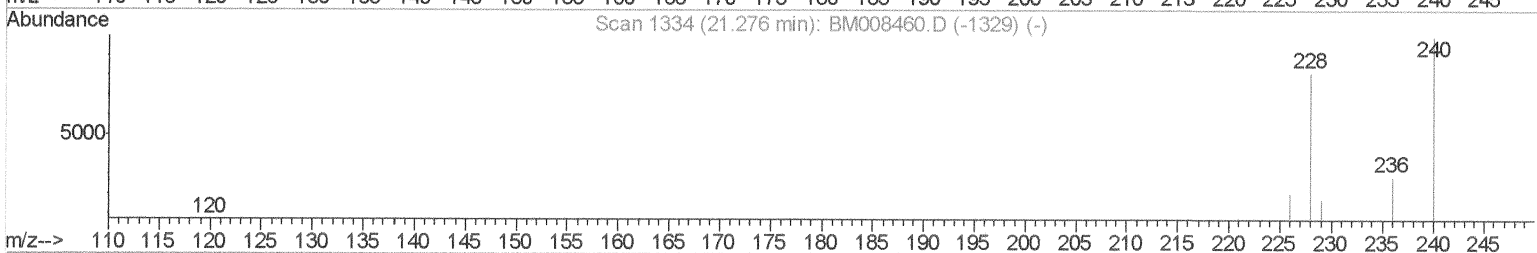
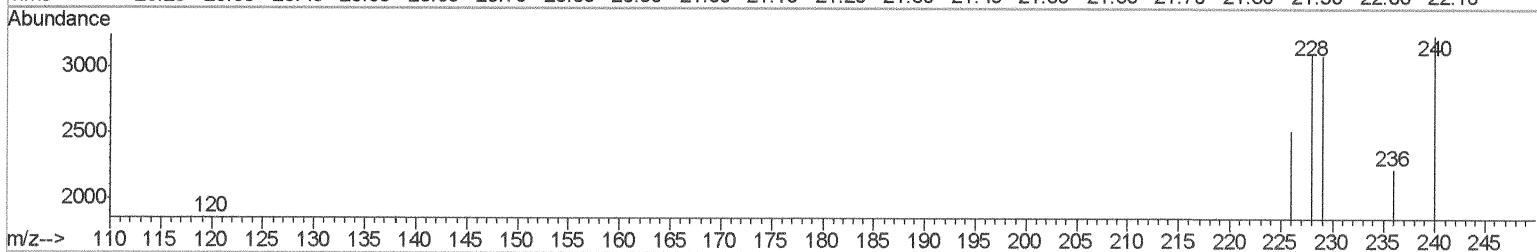
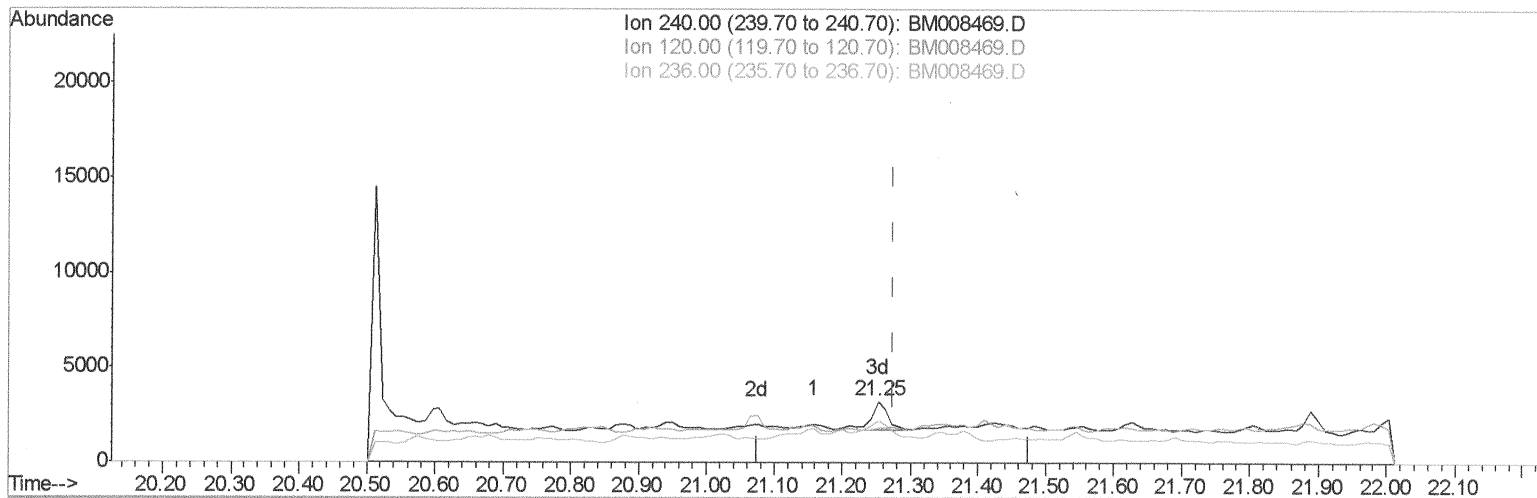
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
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Quant Time: Dec 20 13:59:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Response via : Initial Calibration



TIC: BM008469.D

(16) Chrysene-d12 (I)

21.252min (-0.024) 0.40ng/ul m SJ 12/21/16

response 2479

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	57.20#
236.00	34.90	68.58#
0.00	0.00	0.00

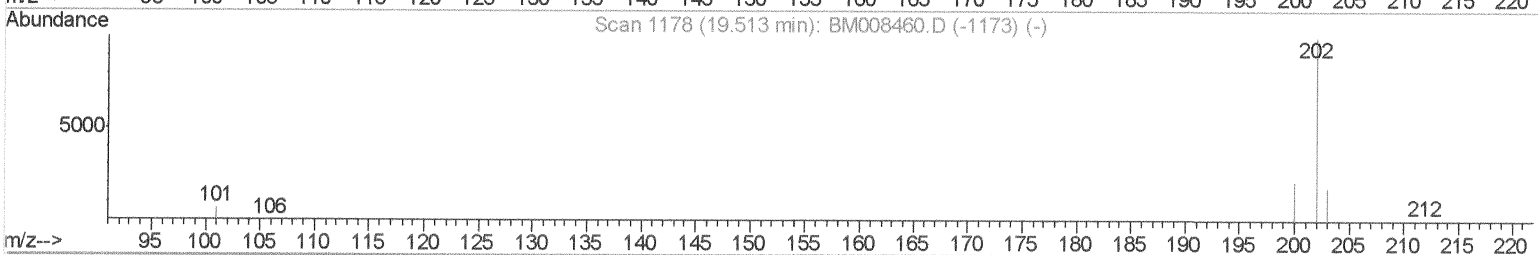
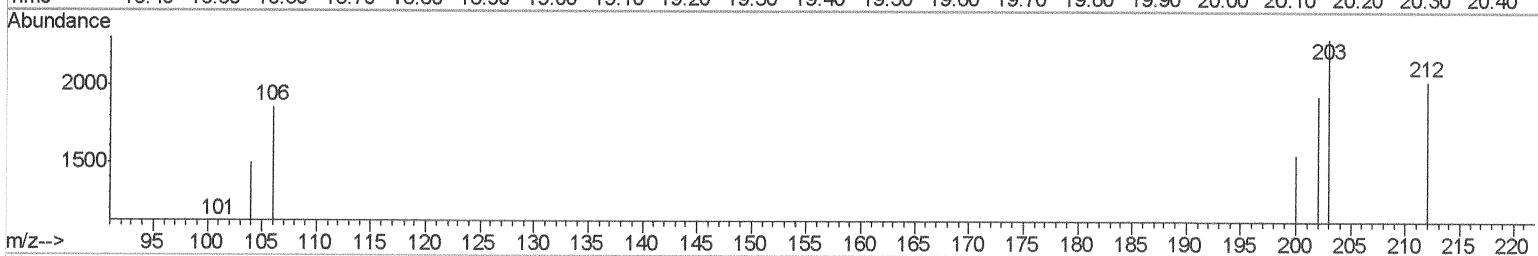
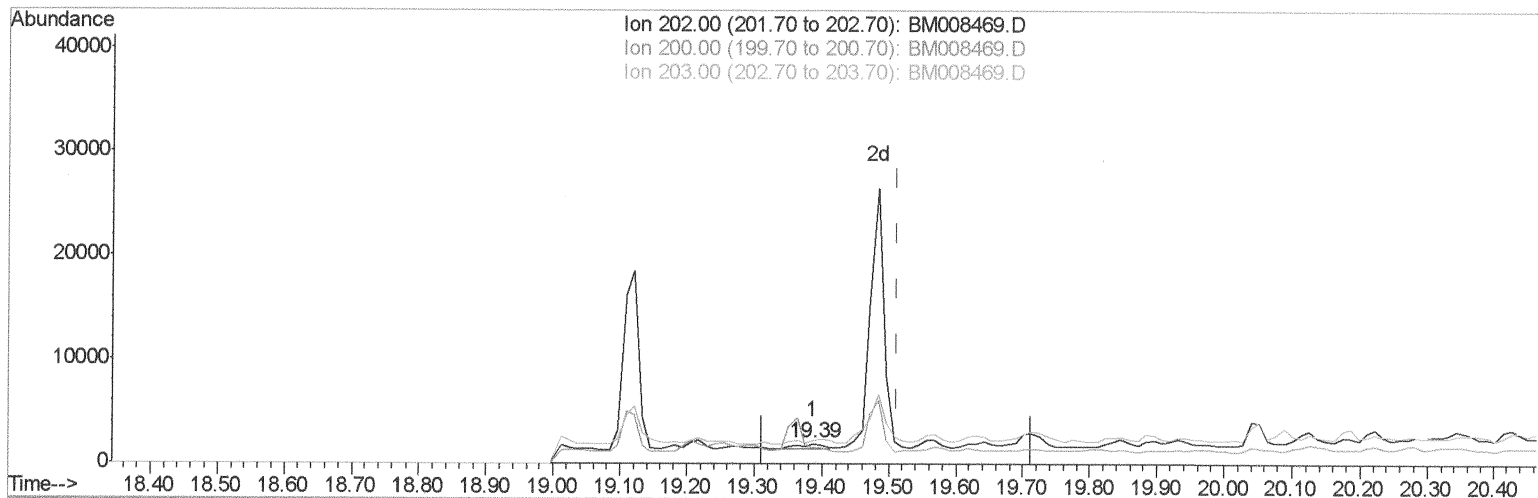
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 14:02:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(17) Pyrene

19.387min (-0.126) 0.15ng/ul

response 1444

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	80.49#
203.00	19.50	119.41#
0.00	0.00	0.00

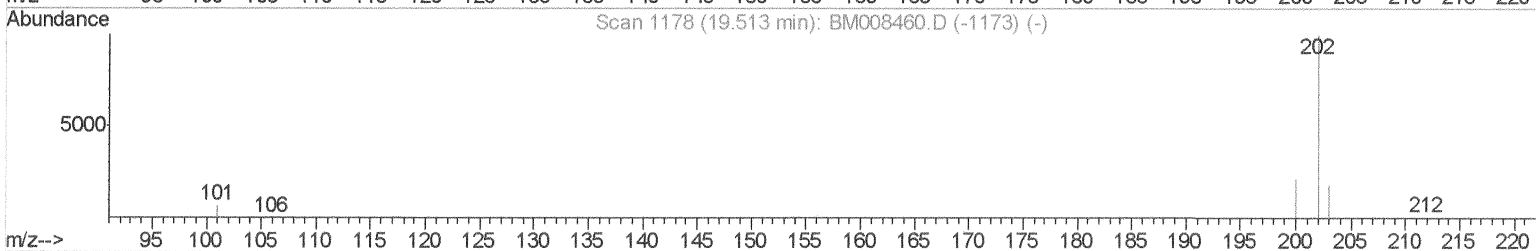
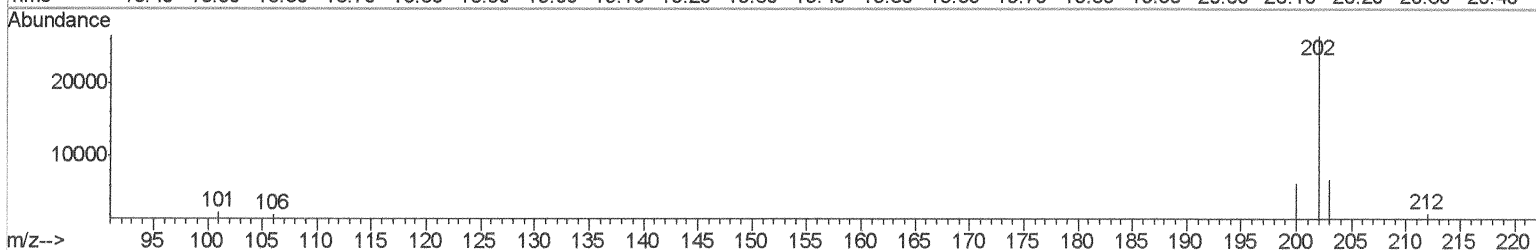
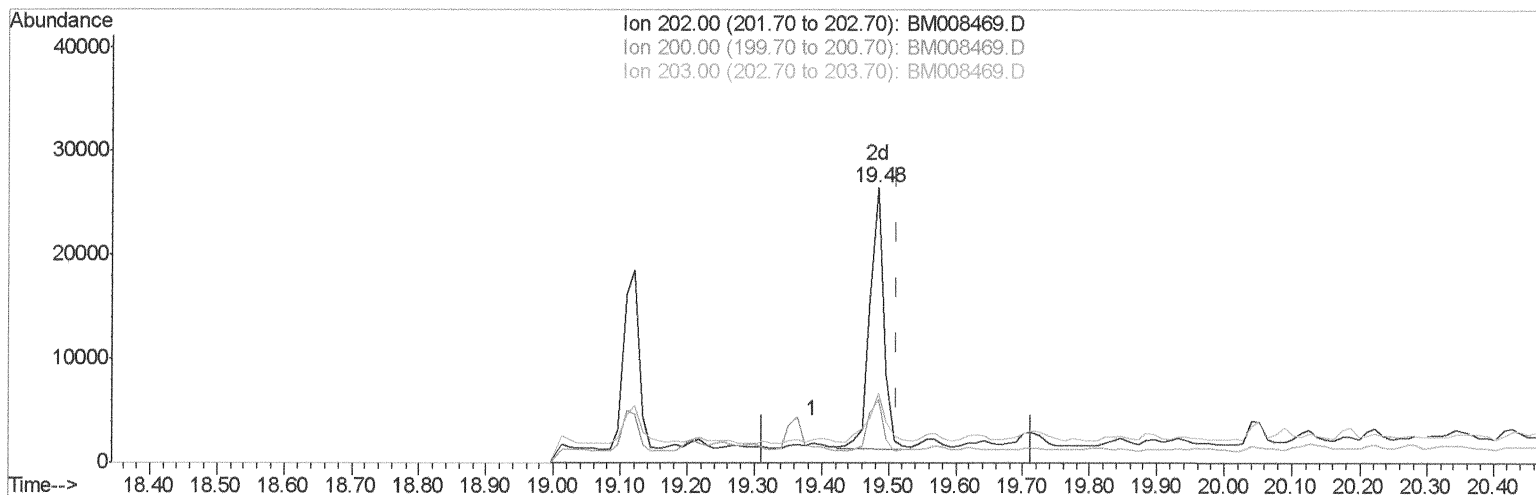
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 14:02:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(17) Pyrene

19.484min (-0.029) 3.83ng/ul m

SJ 12/21/16

response 36743

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	23.36
203.00	19.50	25.31#
0.00	0.00	0.00

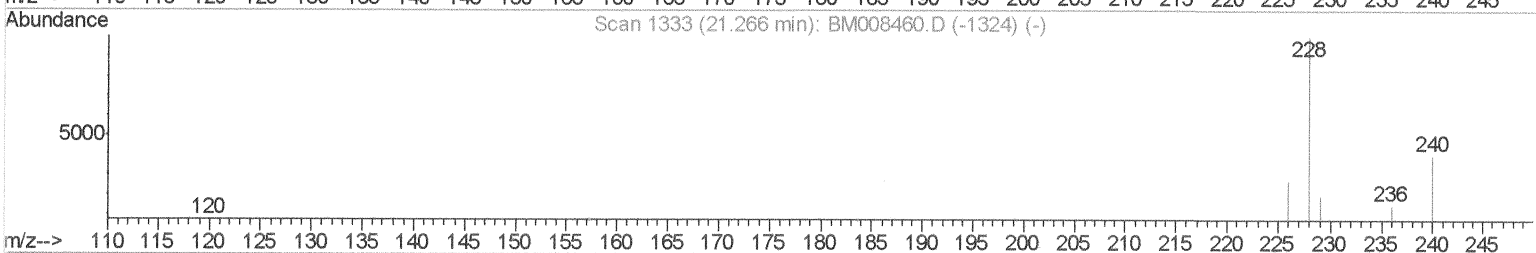
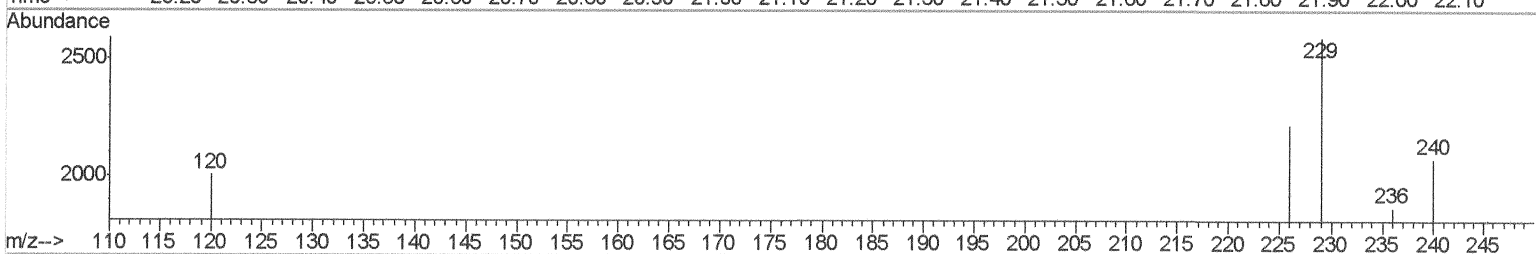
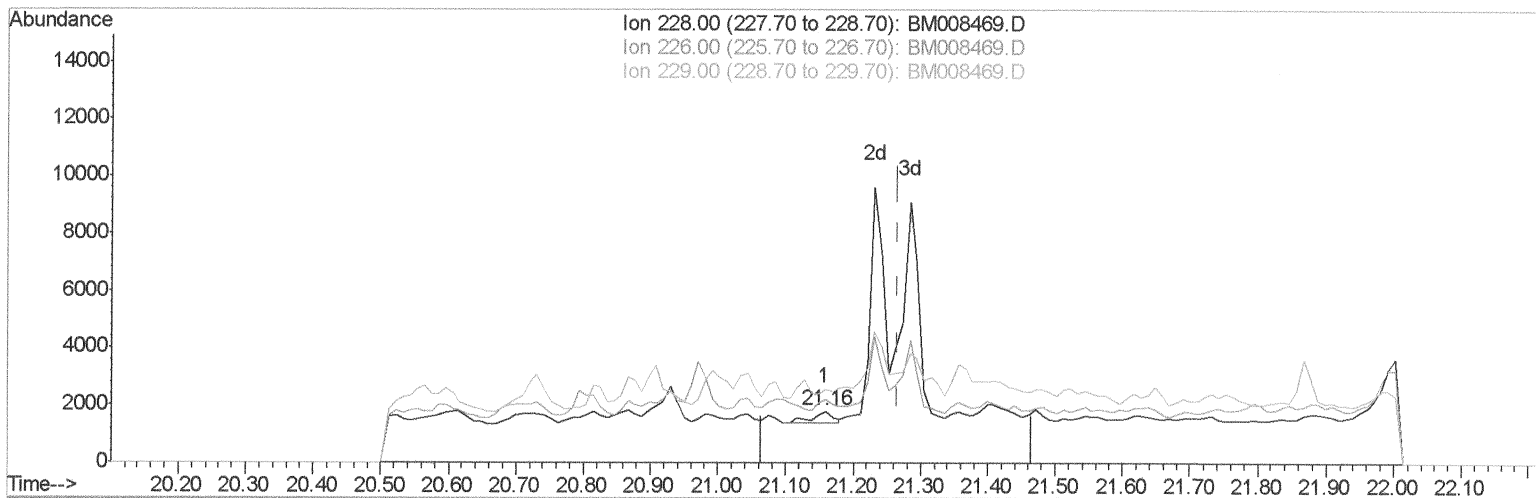
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 14:02:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(18) Benzo(a)anthracene

21.158min (-0.107) 0.11ng/ul

response 926

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	122.41#
229.00	21.30	142.99#
0.00	0.00	0.00

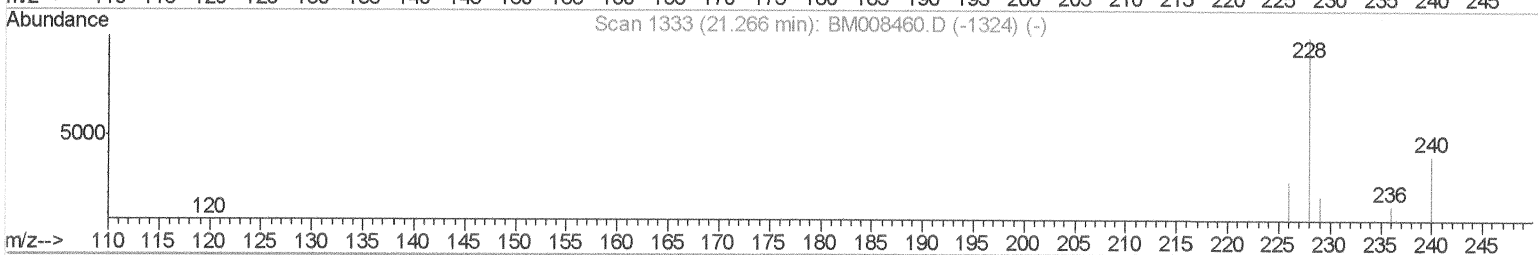
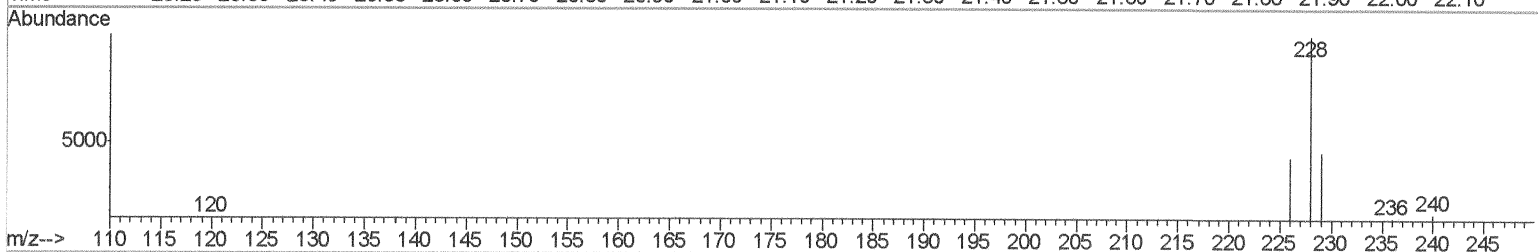
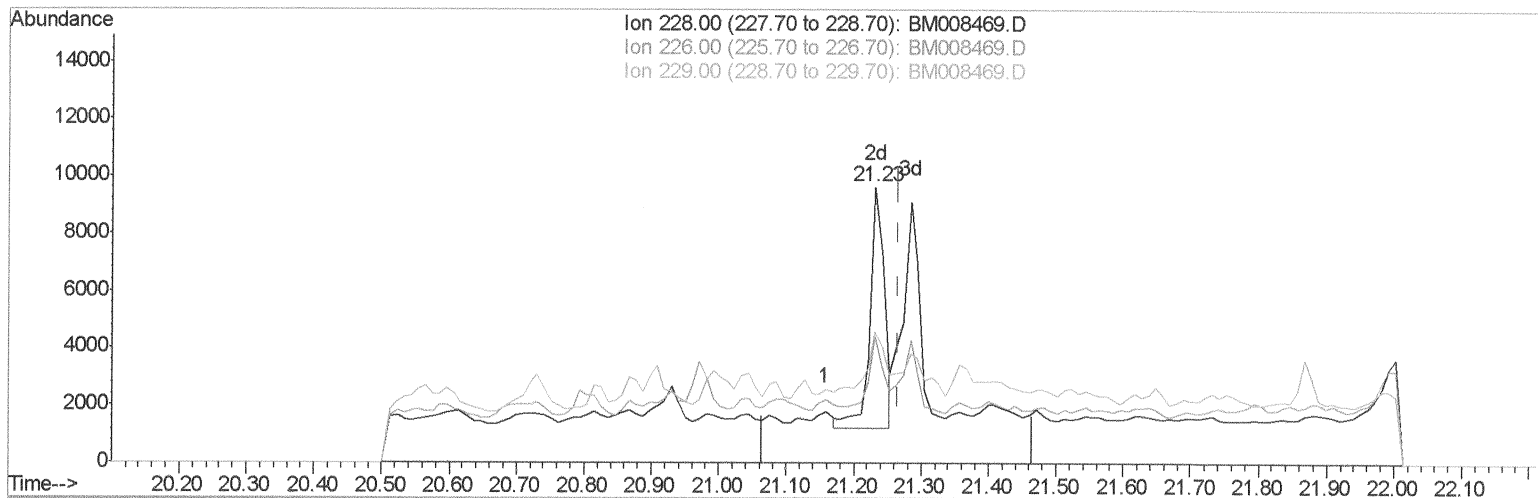
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
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Quant Time: Dec 20 14:02:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(18) Benzo(a)anthracene

21.231min (-0.034) 1.57ng/ul m

SJ 12/21/16

response 12755

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	45.74#
229.00	21.30	47.74#
0.00	0.00	0.00

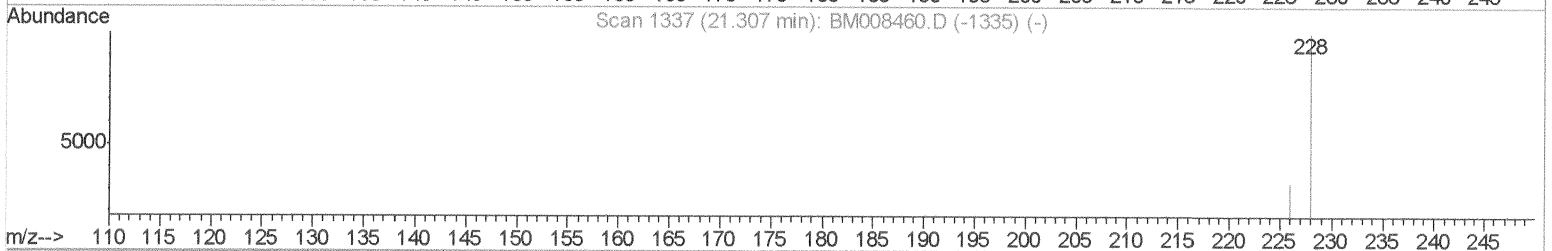
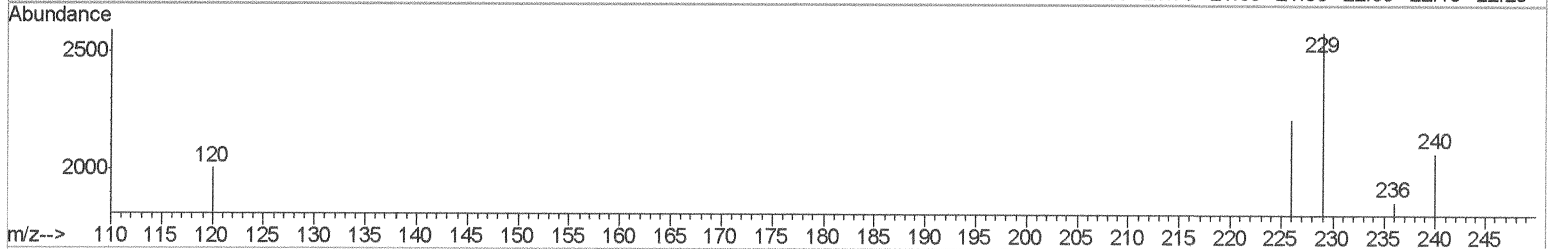
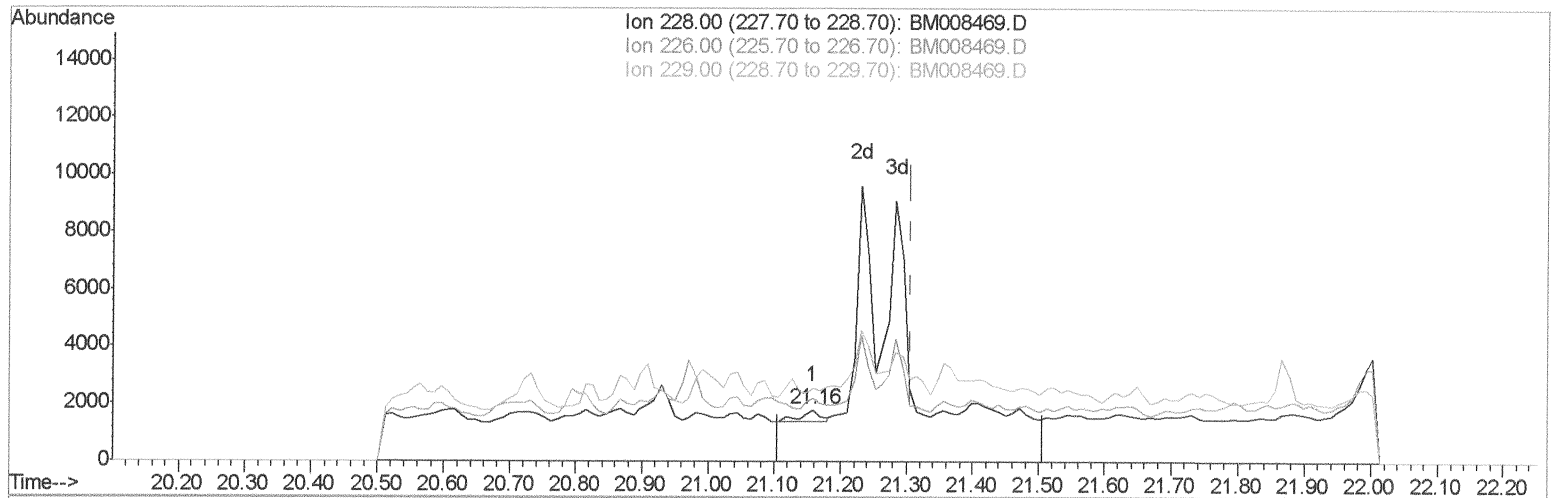
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

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Quant Time: Dec 20 14:02:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(19) Chrysene

21.158min (-0.149) 0.10ng/ul

response 926

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	122.41#
229.00	22.10	142.99#
0.00	0.00	0.00

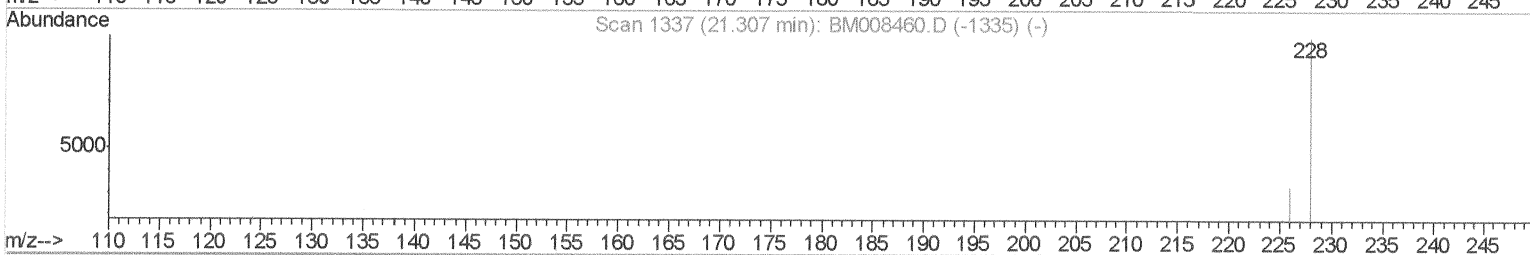
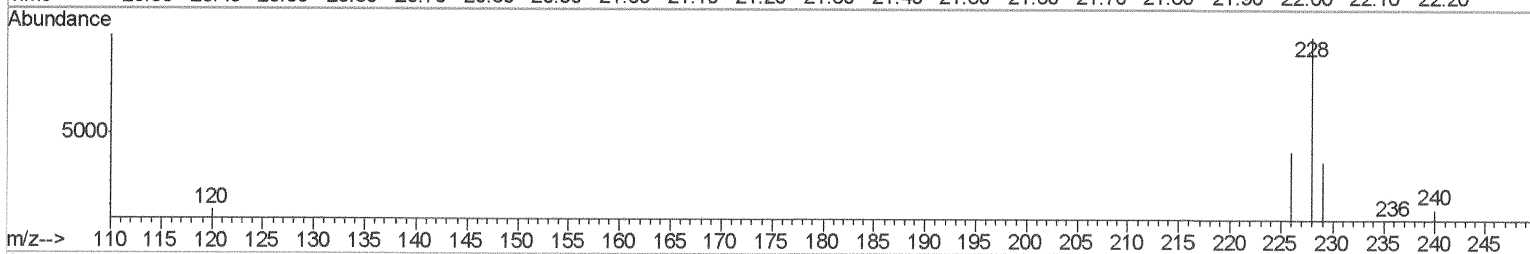
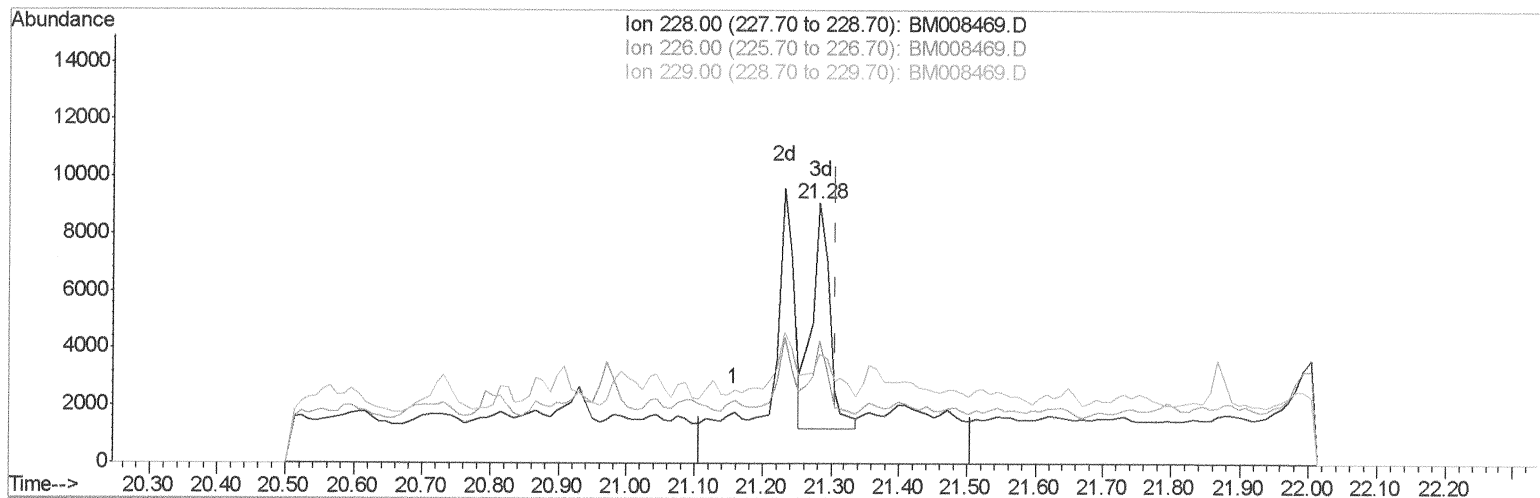
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

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Quant Time: Dec 20 14:02:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(19) Chrysene

21.283min (-0.024) 1.60ng/ul m 53 12/21/16

response 14298

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	47.39#
229.00	22.10	42.55#
0.00	0.00	0.00

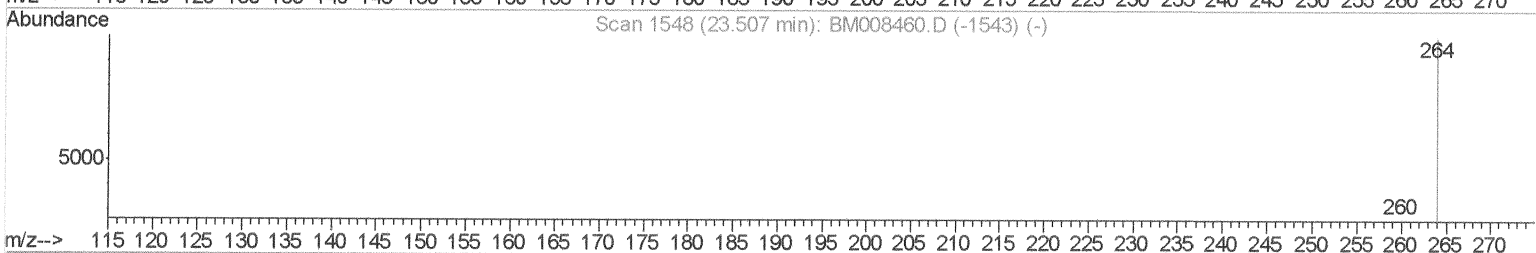
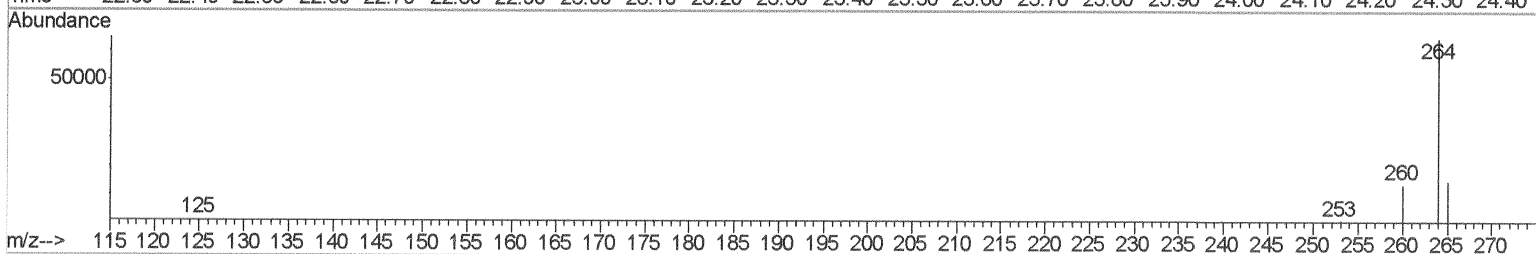
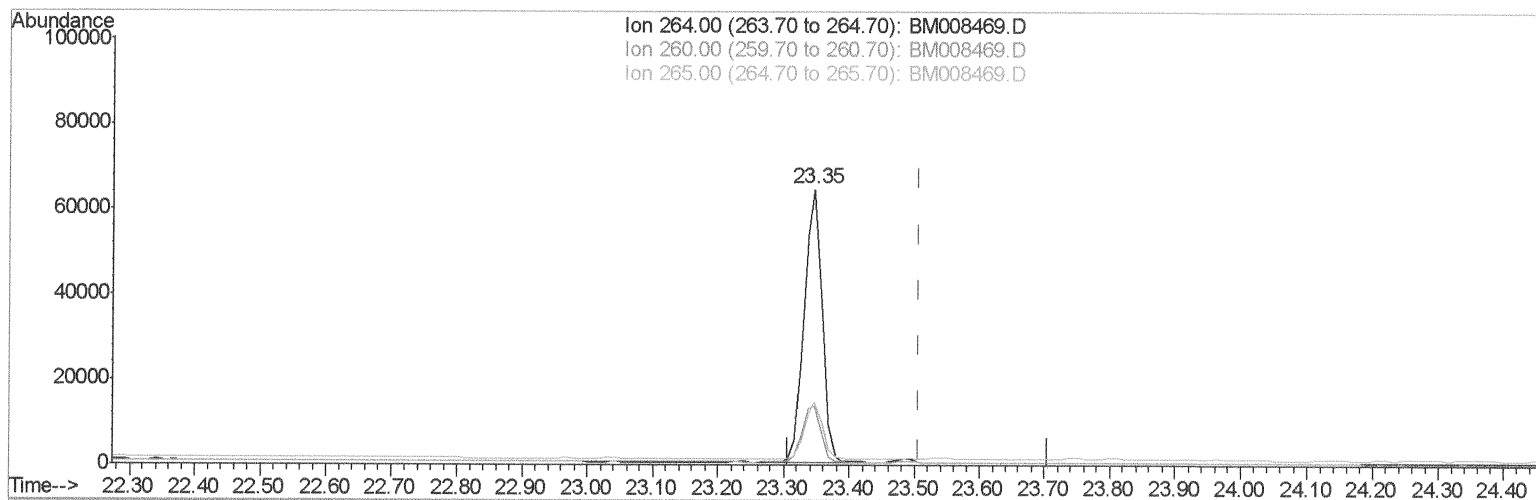
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

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Quant Time: Dec 20 14:02:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(20) Perylene-d12 (I)

23.347min (-0.160) 0.40ng/ul

response 120918

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.85#
265.00	103.50	23.38#
0.00	0.00	0.00

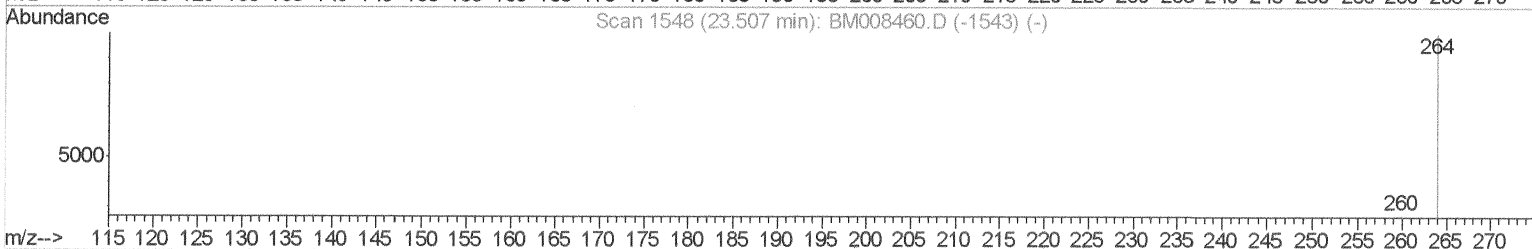
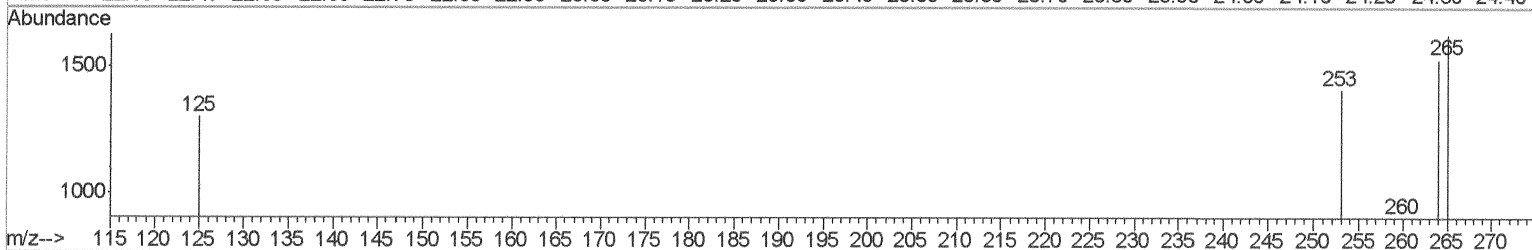
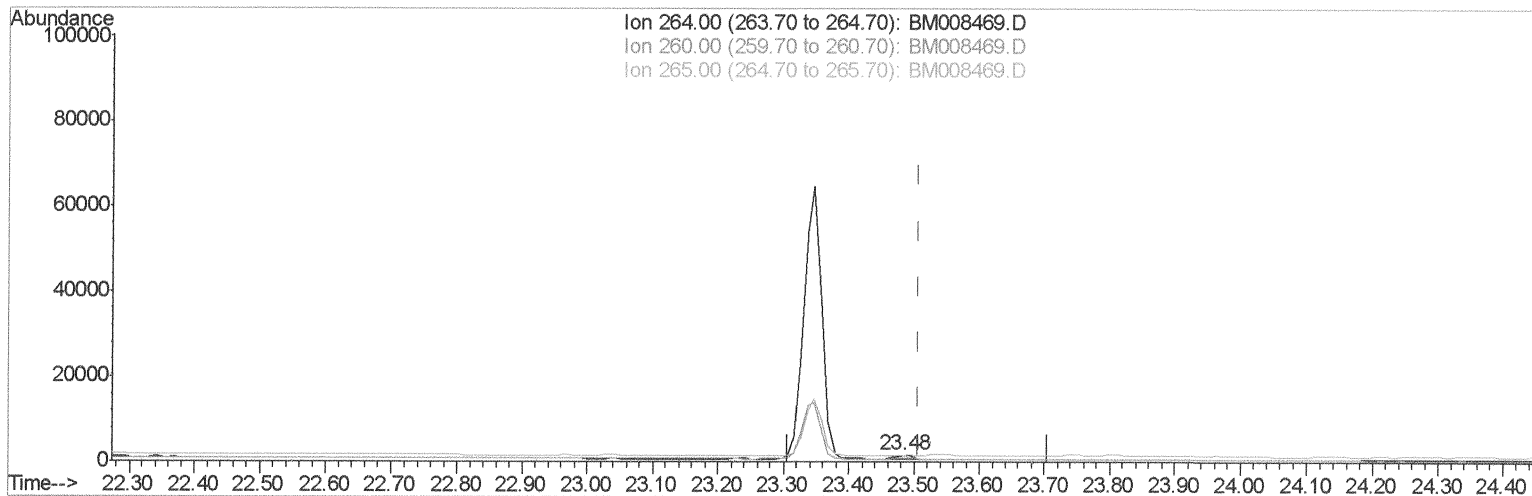
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 14:02:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(20) Perylene-d12 (I)

23.483min (-0.024) 0.40ng/ul m

SJ 12/21/16

response 1601

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	59.46#
265.00	103.50	106.48
0.00	0.00	0.00

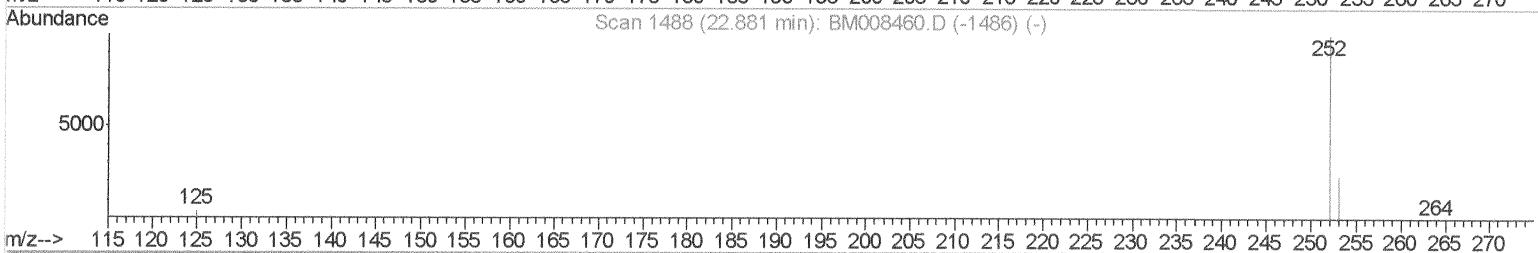
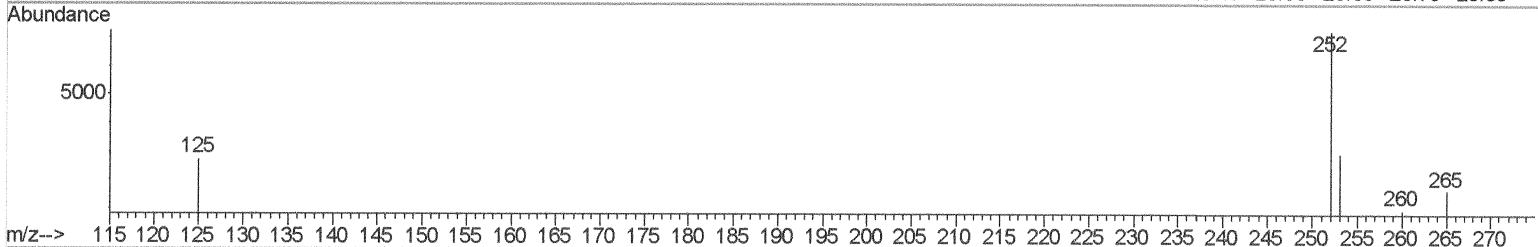
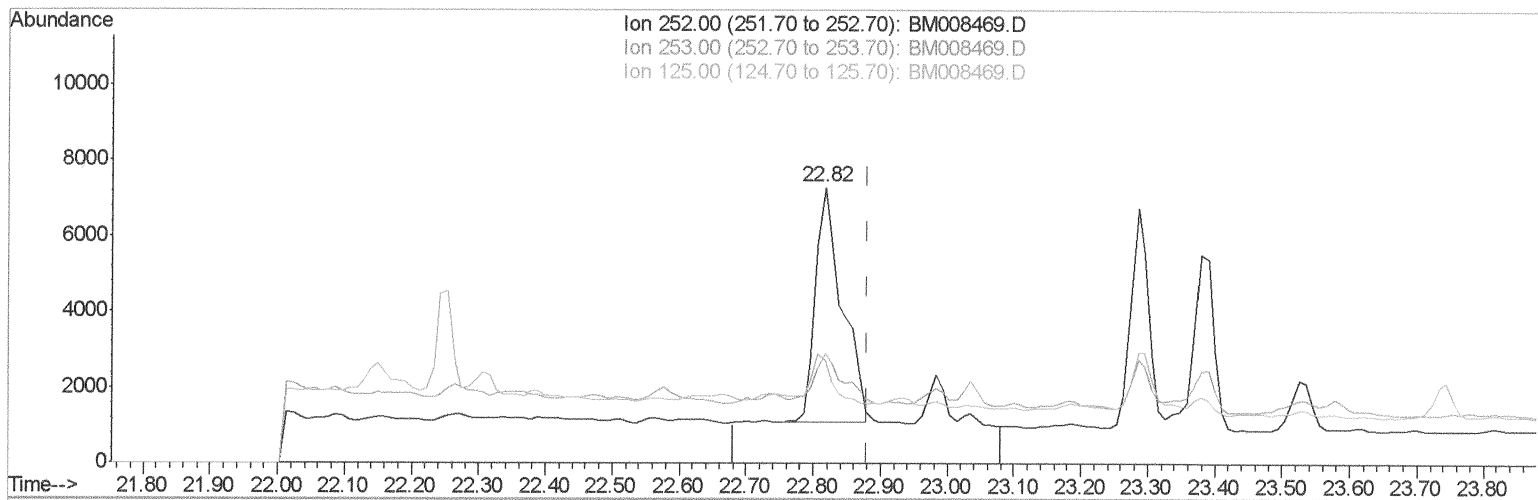
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

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12/20/2016 6:31:32 PM

Quant Time: Dec 20 14:04:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(22) Benzo(k)fluoranthene
22.815min (-0.066) 2.78ng/ul
response 17090
Ion Exp% Act%
252.00 100 100
253.00 30.60 39.99#
125.00 17.10 37.43#
0.00 0.00 0.00

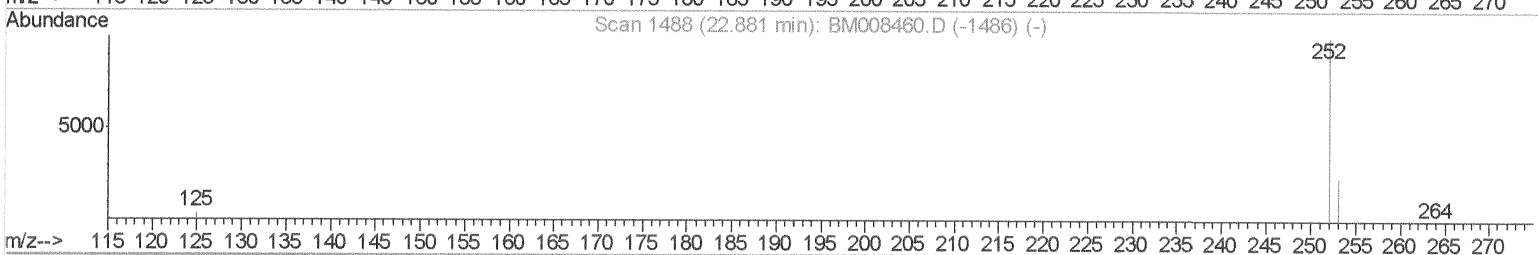
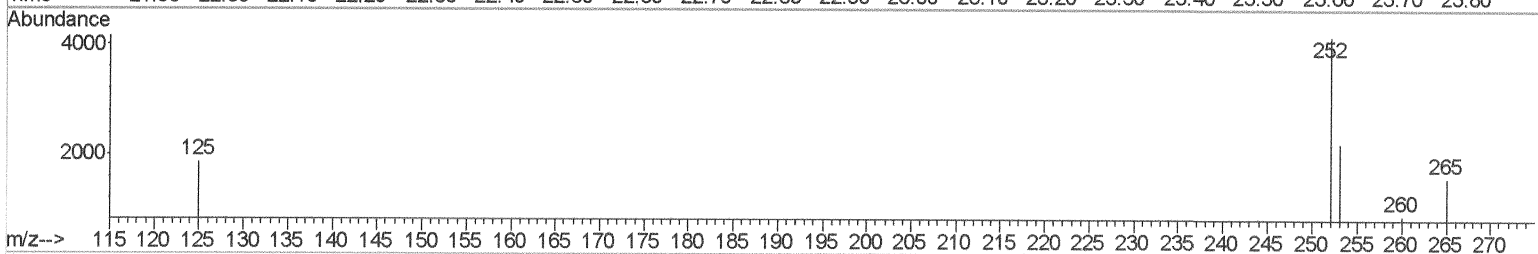
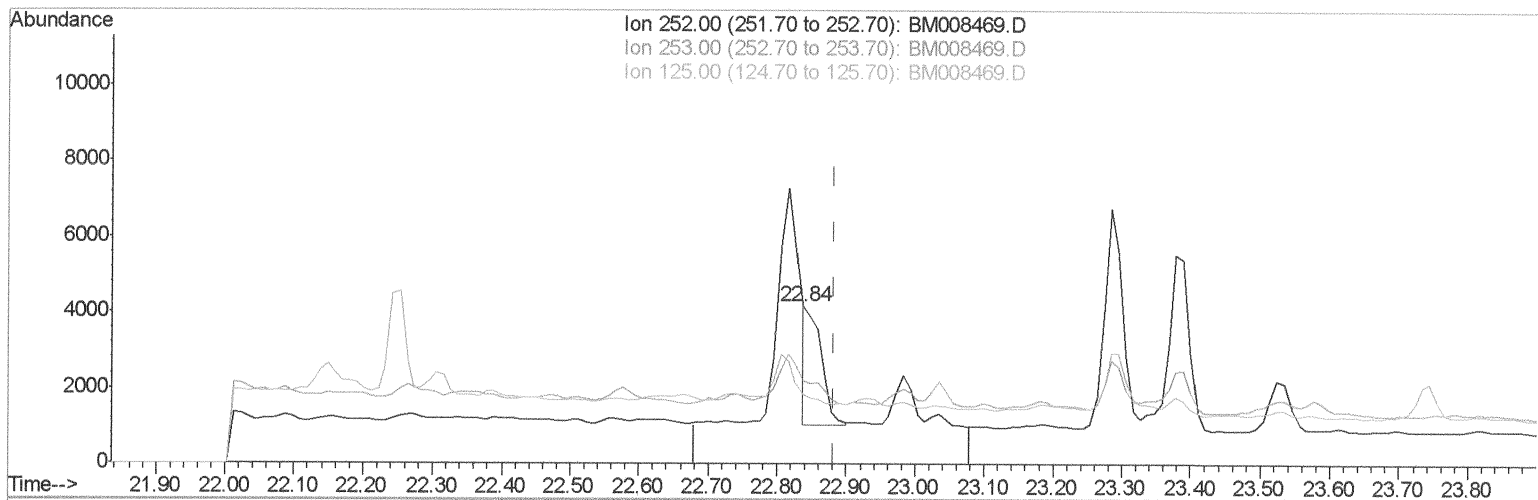
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

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12/20/2016 6:31:32 PM

Quant Time: Dec 20 14:04:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(22) Benzo(k)fluoranthene

22.836min (-0.045) 0.73ng/ul m

SJ 12/21/16

response 4507

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	53.52#
125.00	17.10	44.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

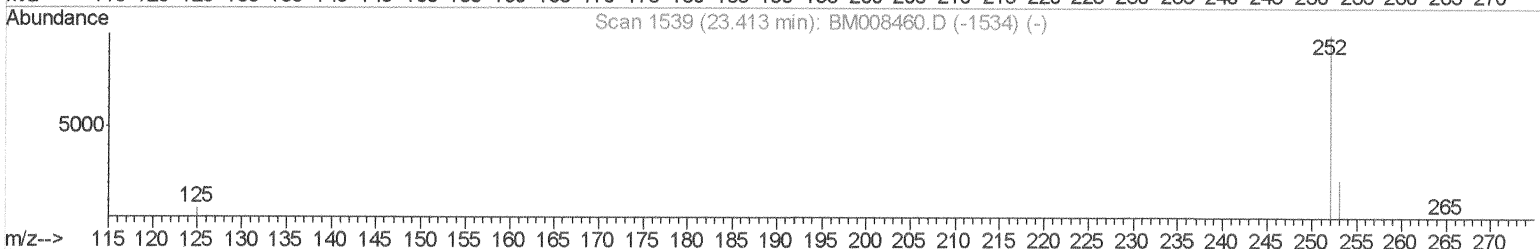
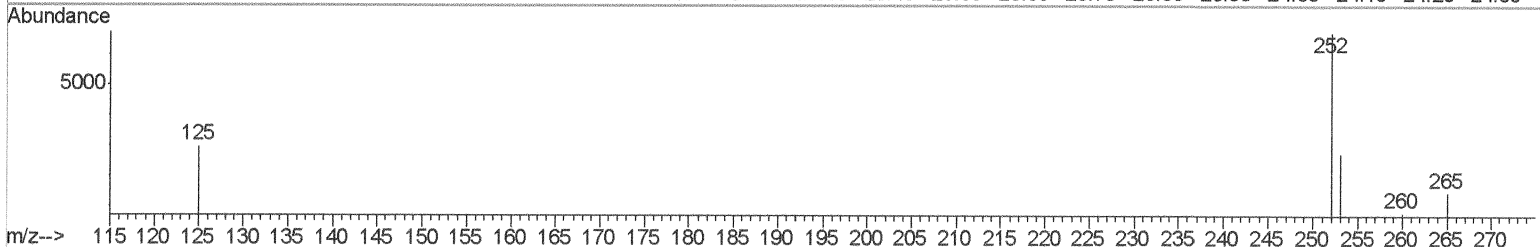
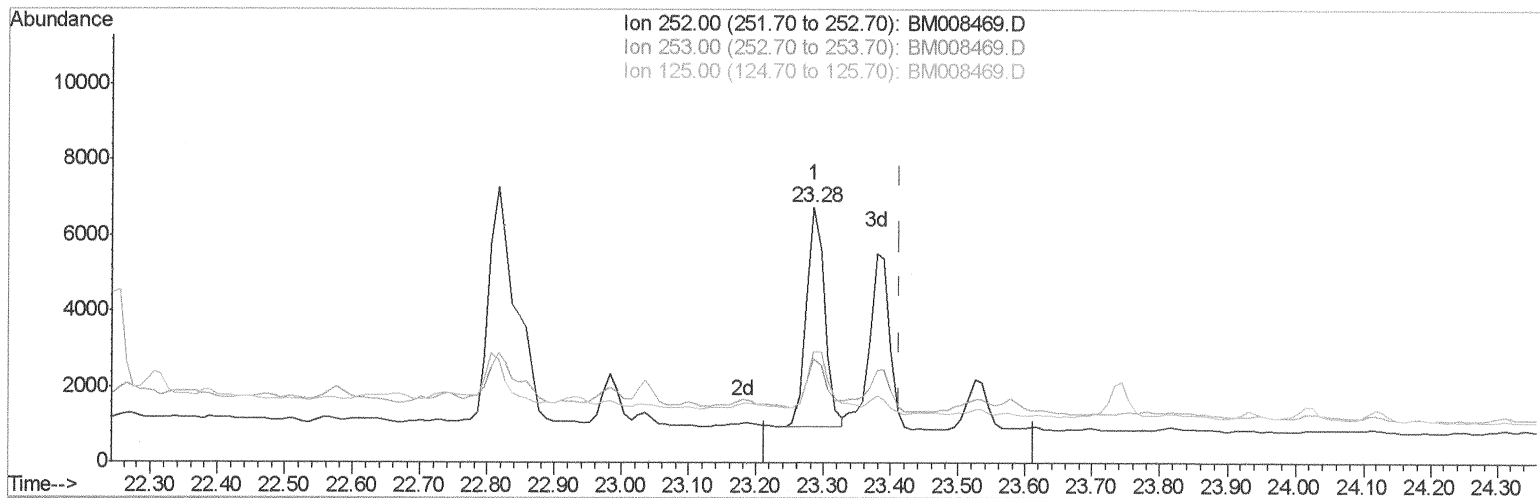
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
 Data File : BM008469.D
 Acq On : 20 Dec 2016 07:46
 Operator : UM/SJ
 Sample : H5970-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 DA850

Manual Integrations
APPROVED

sohil
 12/20/2016 6:31:32 PM

Quant Time: Dec 20 14:04:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration



TIC: BM008469.D

(23) Benzo(a)pyrene (C)
 23.285min (-0.128) 1.86ng/ul
 response 10850

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	40.81
125.00	22.60	43.70#
0.00	0.00	0.00

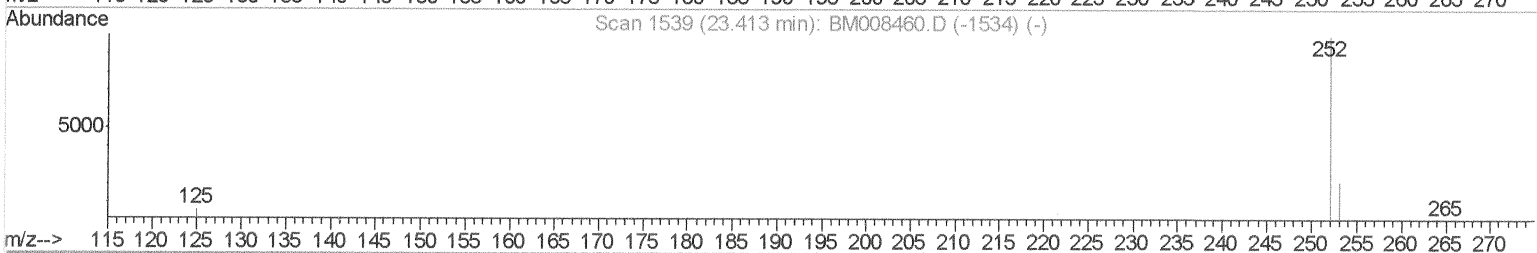
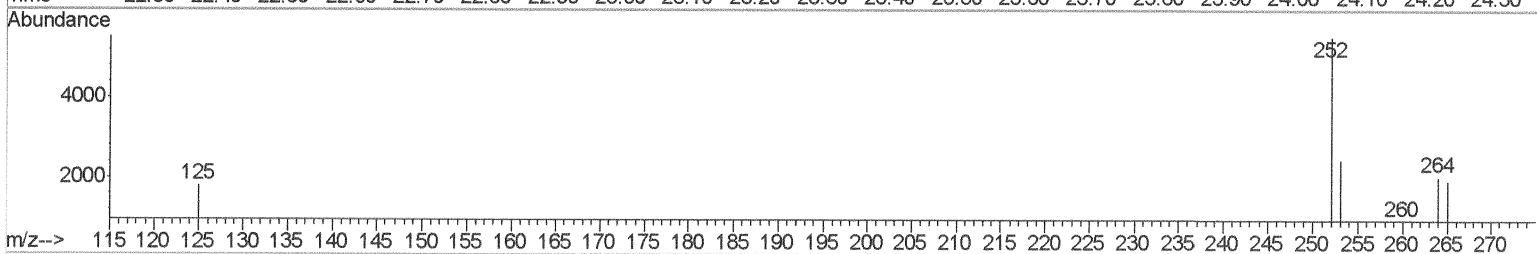
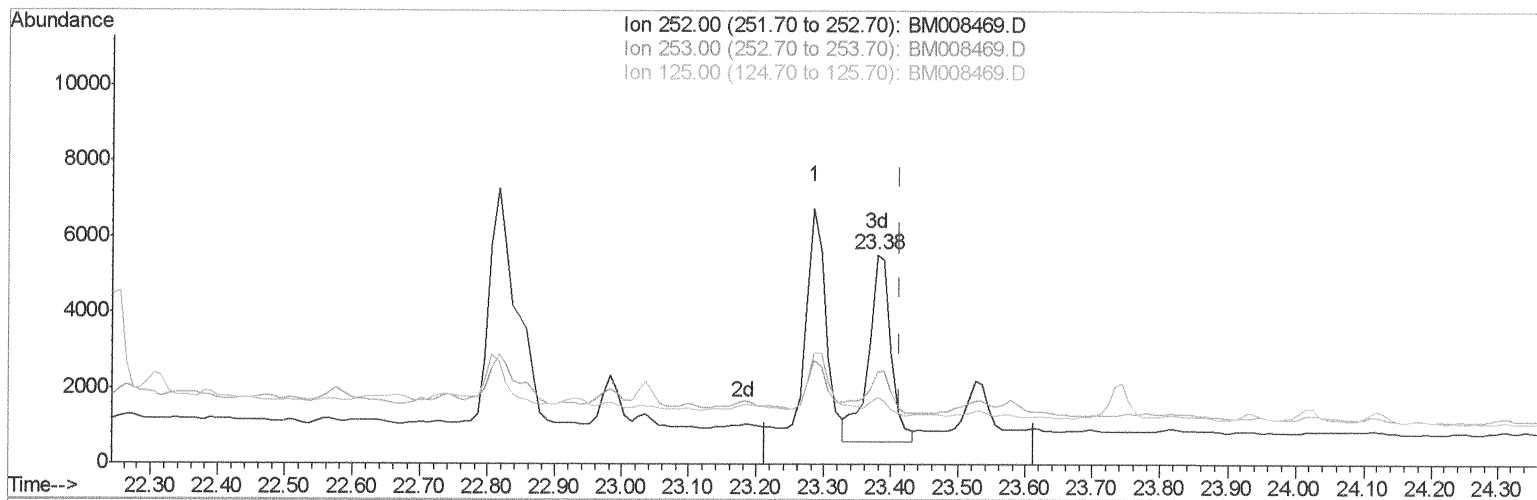
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA850

Manual Integrations
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Quant Time: Dec 20 14:04:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

(23) Benzo(a)pyrene (C)

23.378min (-0.034) 1.99ng/ul m

SJ 12/21/16

response 11649

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	44.21#
125.00	22.60	32.48#
0.00	0.00	0.00

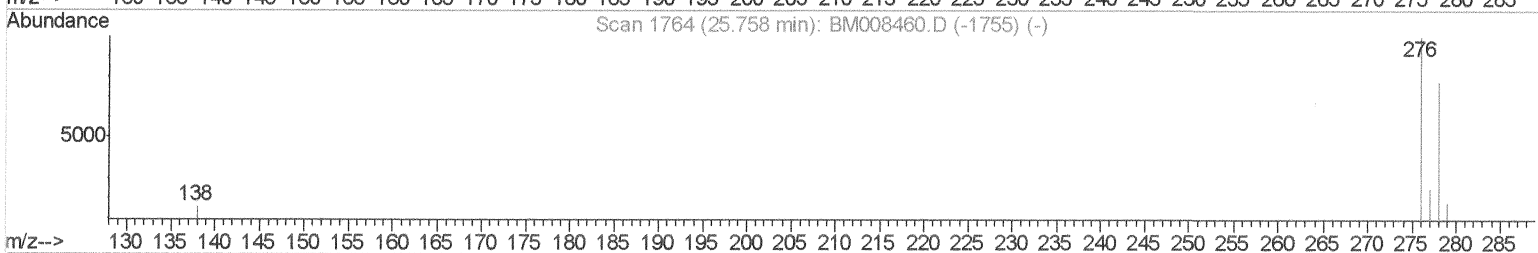
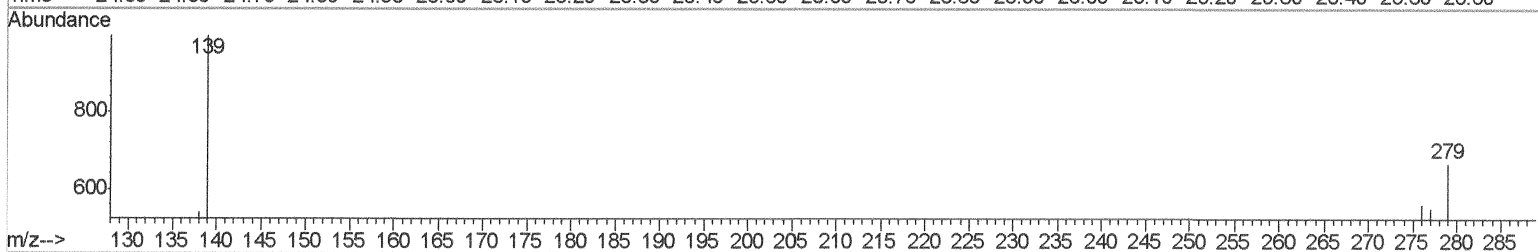
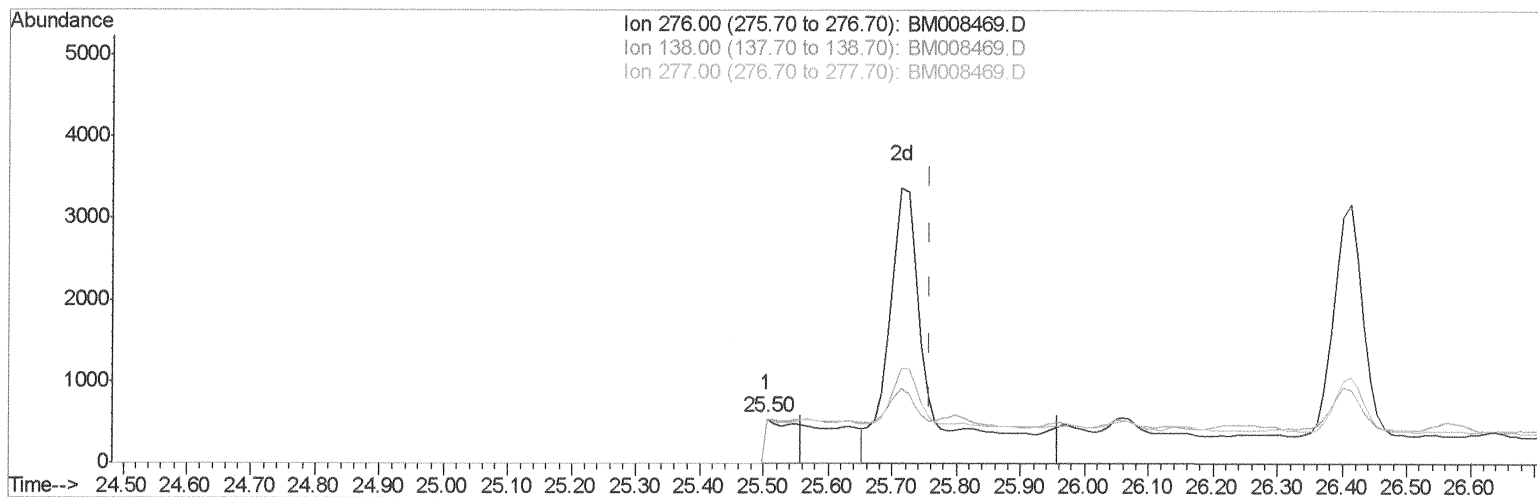
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA850

Manual Integrations
APPROVED

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Quant Time: Dec 20 14:04:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

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

25.505min (-0.253) 0.62ng/ul

response 4337

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	120.24#
0.00	0.00	0.00

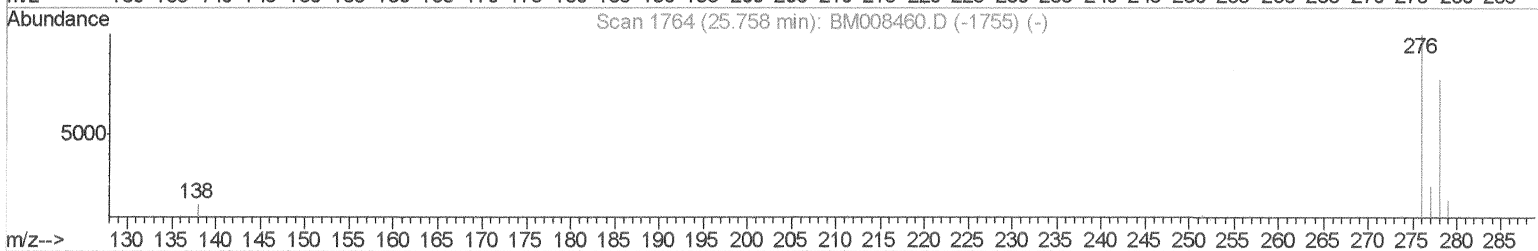
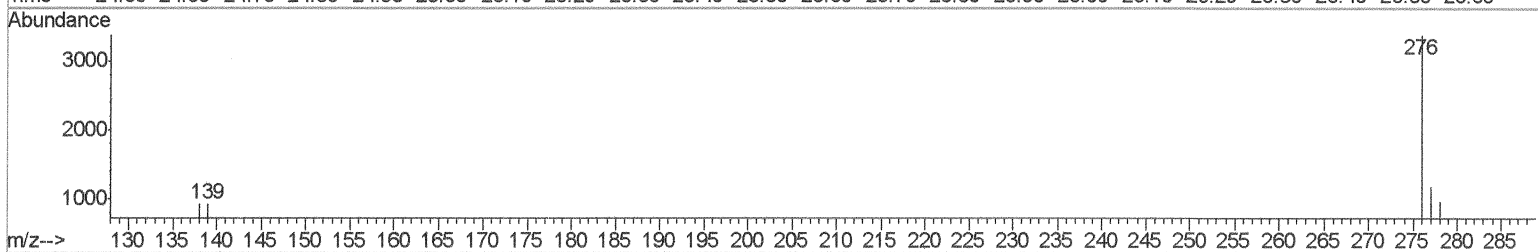
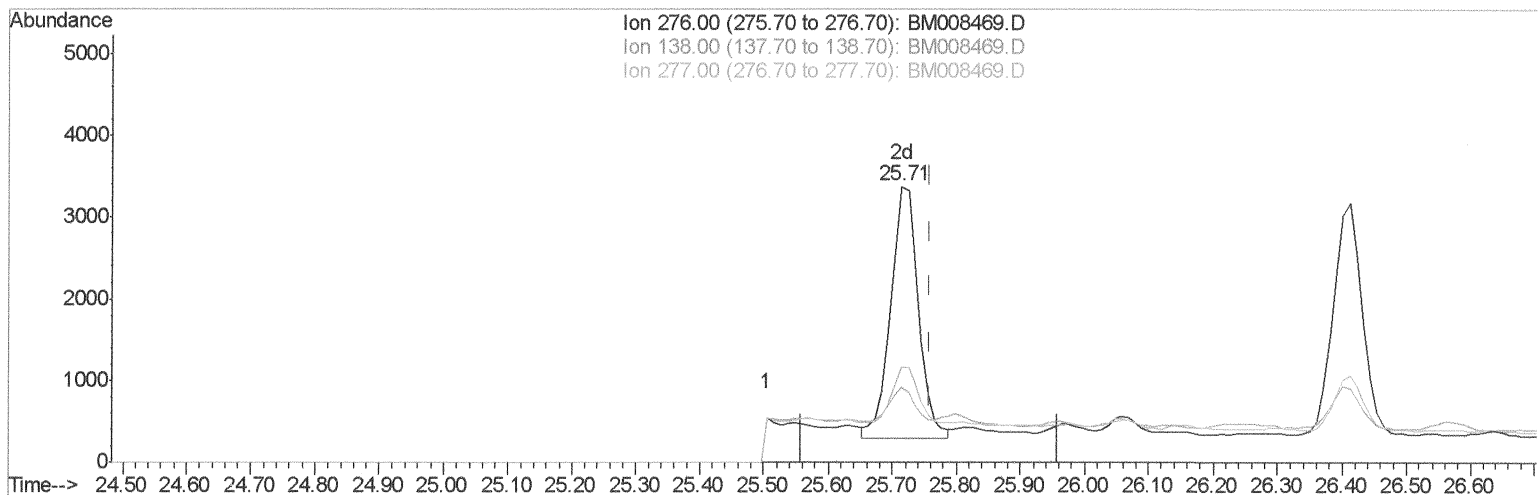
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA850

Manual Integrations
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Quant Time: Dec 20 14:04:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

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

25.713min (-0.045) 1.34ng/ul m

SJ 12/21/16

response 9342

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	55.82#
0.00	0.00	0.00

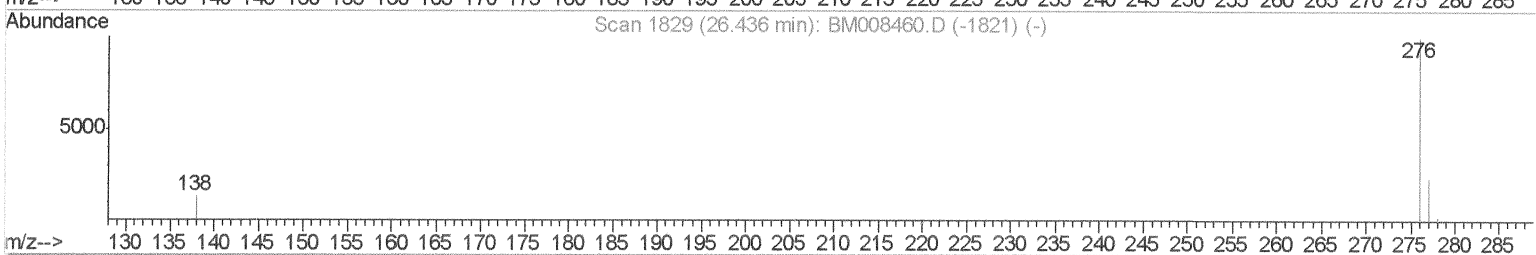
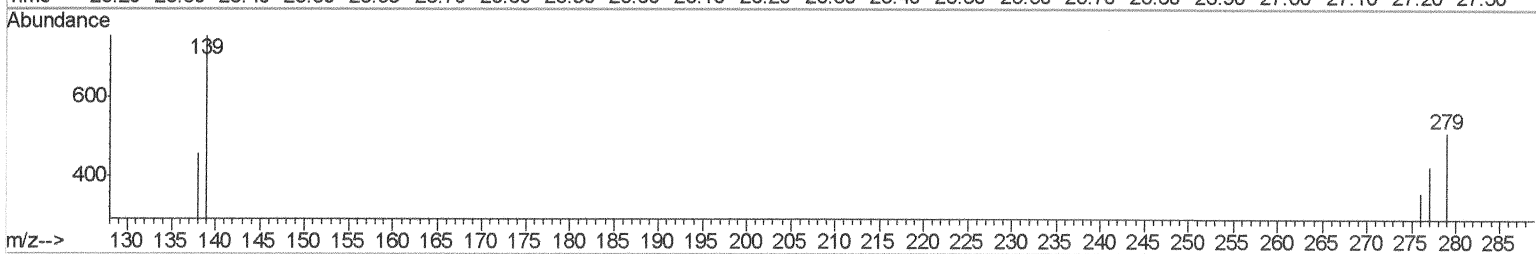
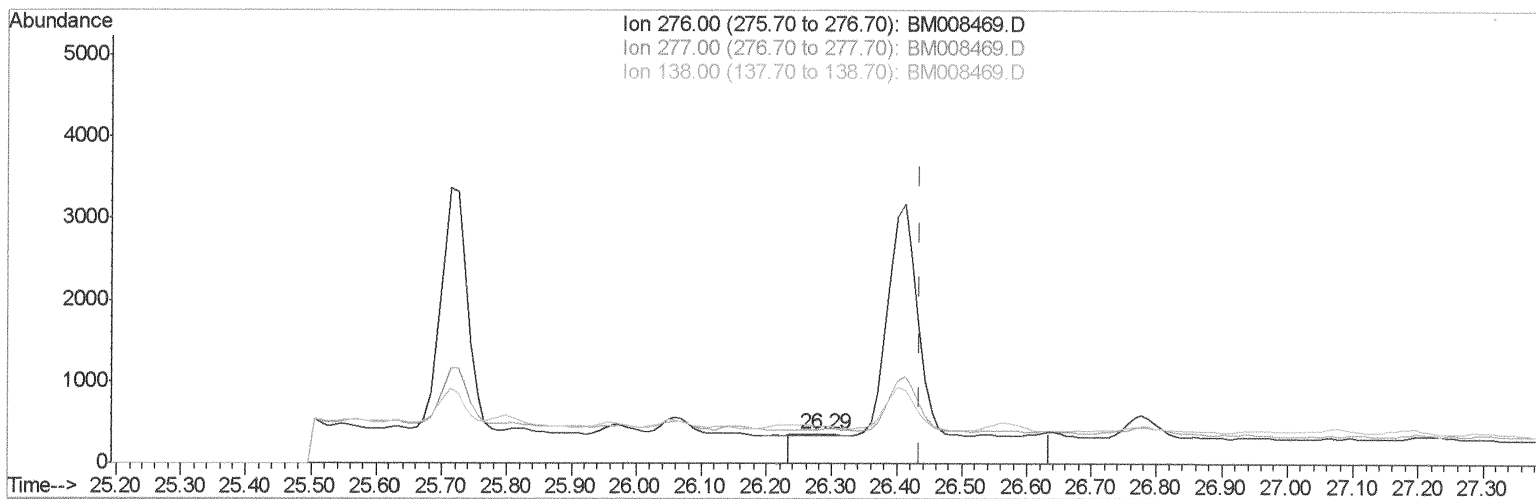
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 14:04:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

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

26.287min (-0.149) 0.02ng/ui

response 103

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	117.78#
138.00	25.60	127.22#
0.00	0.00	0.00

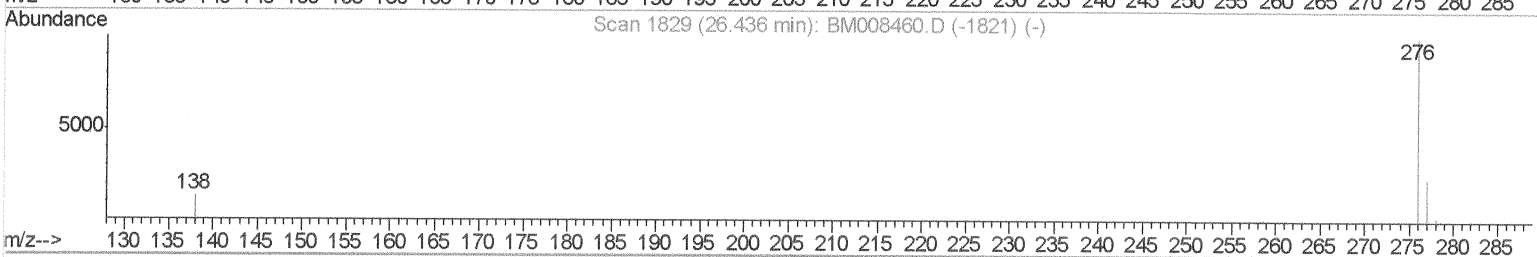
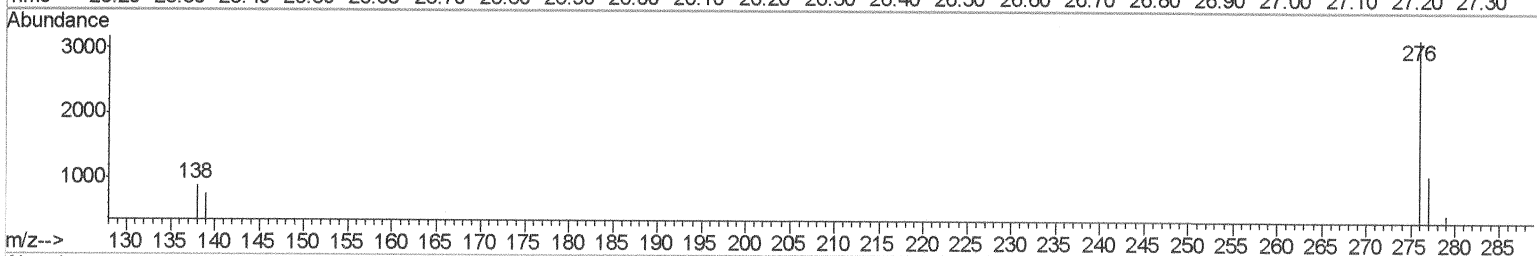
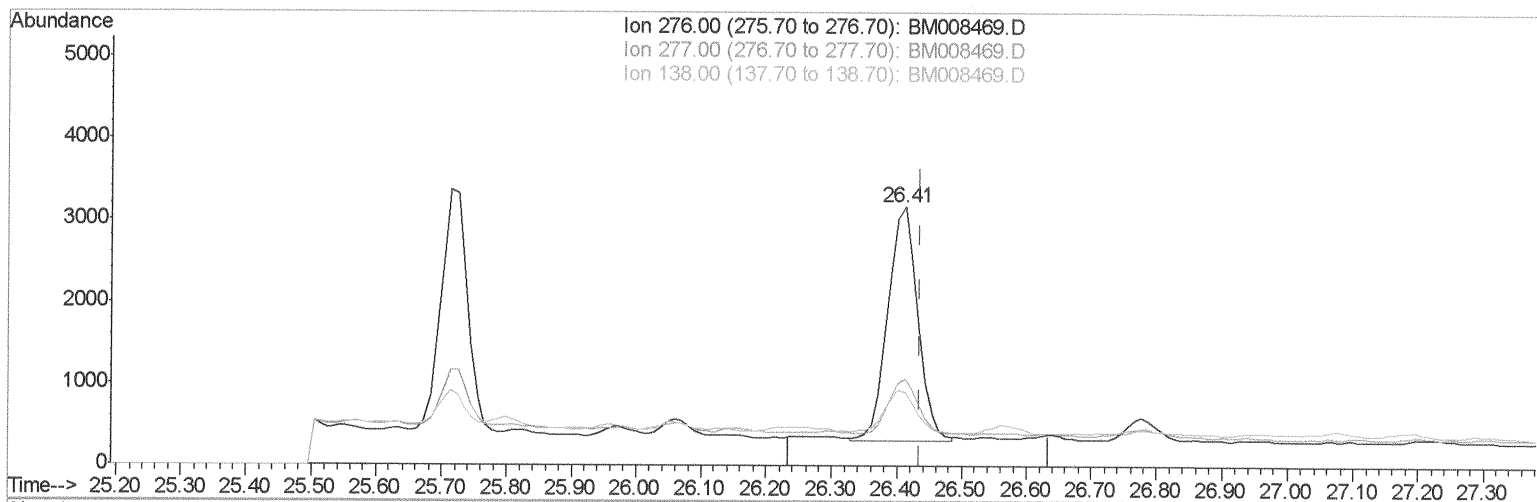
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:32 PM

Quant Time: Dec 20 14:04:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration



TIC: BM008469.D

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

26.412min (-0.024) 1.52ng/ul m

SJ 12/21/16

response 9100

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	34.01#
138.00	25.60	28.35
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121916\
 Data File : BM008469.D
 Acq On : 20 Dec 2016 07:46
 Operator : UM/SJ
 Sample : H5970-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA850

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:31:32 PM

Quant Time: Dec 20 14:06:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	537	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.42	136	2085	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.28	164	1990m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	16.99	188	21352	0.40	ng/ul	-0.10
16) Chrysene-d12	21.25	240	2479m	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1601m	0.40	ng/ul	-0.02

} SJ 12/21/16

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	943	0.29	ng/ul	-0.08
14) Fluoranthene-d10	19.08	212	20506m	0.35	ng/ul	-0.03

} SJ 12/21/16

Target Compounds

					Qvalue
3) Naphthalene	10.46	128	39067	6.66	ng/ul 97
5) 2-Methylnaphthalene	12.09	142	86329	21.87	ng/ul 98
8) Acenaphthene	14.35	153	7375	1.09	ng/ul 92
9) Fluorene	15.34	166	16756m	2.17	ng/ul
12) Phenanthrene	17.09	178	60789	0.93	ng/ul# 92
13) Anthracene	17.18	178	13377m	0.21	ng/ul
15) Fluoranthene	19.12	202	28256m	0.35	ng/ul
17) Pyrene	19.48	202	36743m	3.83	ng/ul
18) Benzo(a)anthracene	21.23	228	12755m	1.57	ng/ul
19) Chrysene	21.28	228	14298m	1.60	ng/ul
21) Benzo(b)fluoranthene	22.82	252	12913	2.05	ng/ul# 75
22) Benzo(k)fluoranthene	22.84	252	4507m	0.73	ng/ul
23) Benzo(a)pyrene	23.38	252	11649m	1.99	ng/ul
24) Indeno(1,2,3-cd)pyrene	25.71	276	9342m	1.34	ng/ul
26) Benzo(g,h,i)perylene	26.41	276	9100m	1.52	ng/ul

} SJ 12/21/16

} SJ 12/21/16

} SJ 12/21/16

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