

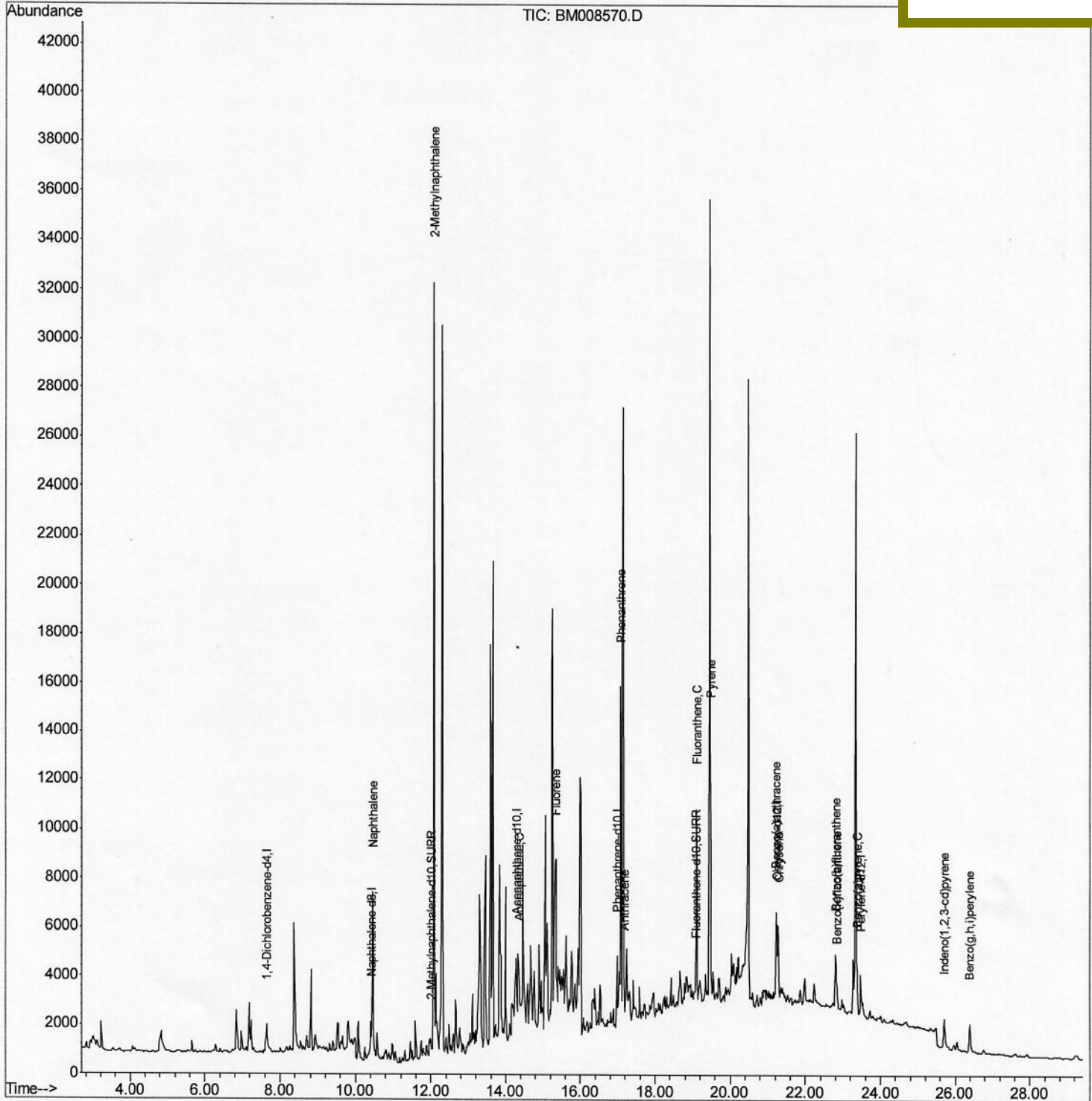
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
Data File : BM008570.D
Acq On : 22 Dec 2016 23:52
Operator : UM/SJ
Sample : H5970-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
Client Sample ID :
DA850DL

Quant Time: Dec 27 07:24:03 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 27 04:51:48 2016
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

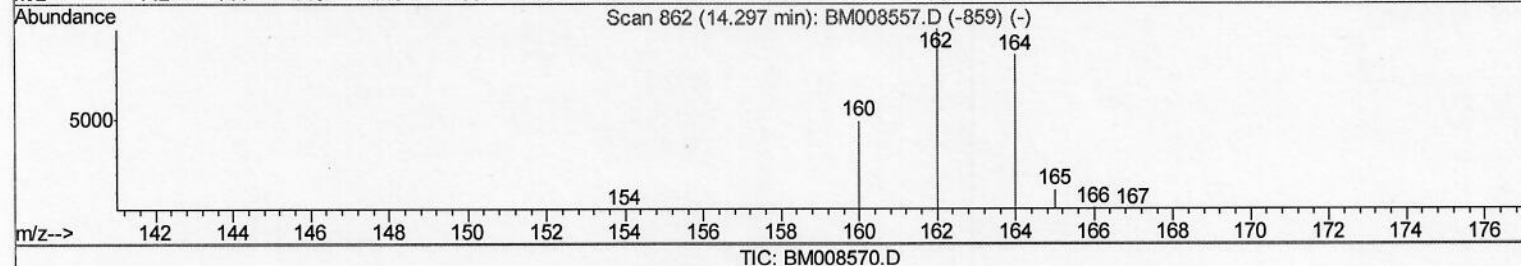
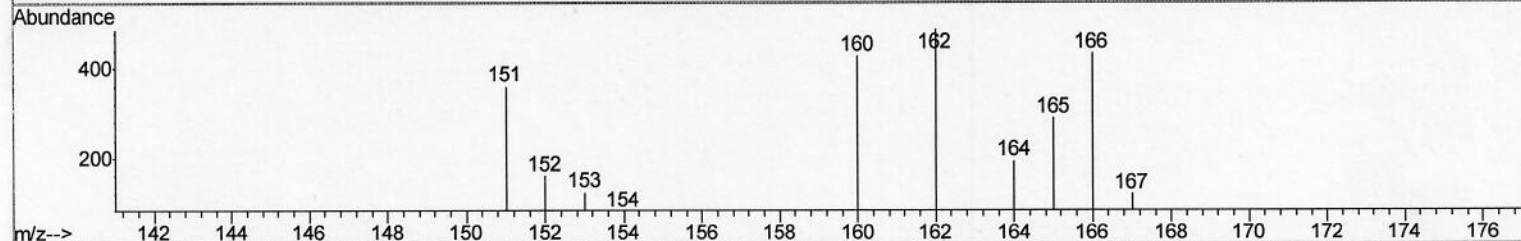
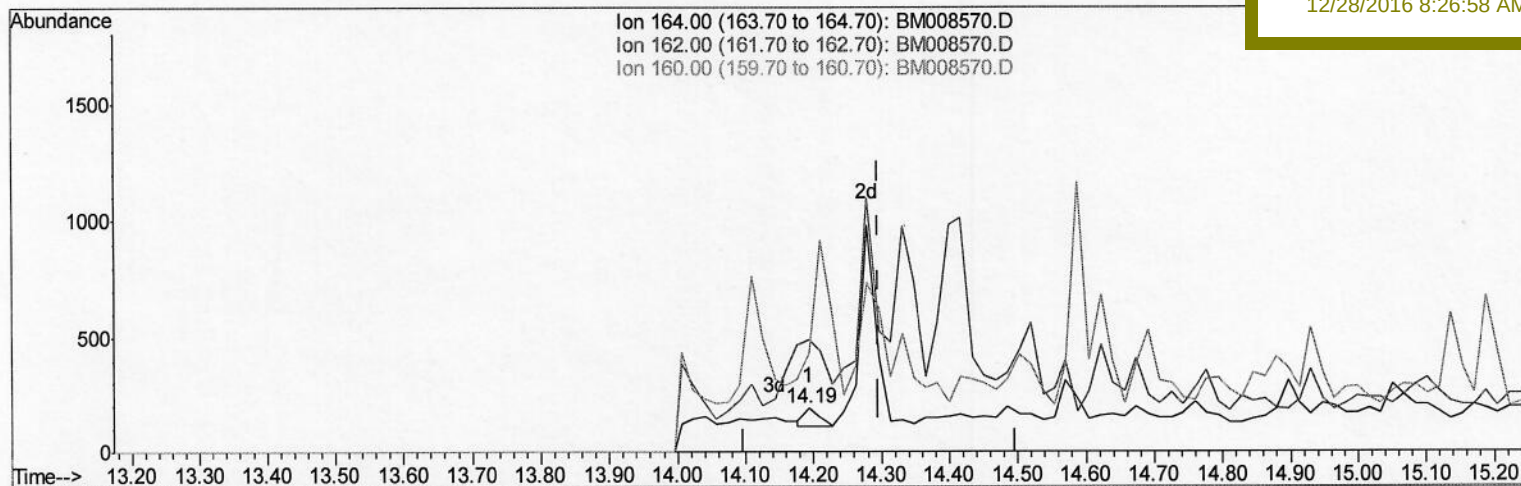
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA850DL

Quant Time: Dec 27 05:06:50 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 27 04:51:48 2016
 Response via : Initial Calibration

Manual Integrations
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(6) Acenaphthene-d10 (I)
 14.194min (-0.103) 0.40ng/ul
 response 116

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	253.65#
160.00	48.80	222.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

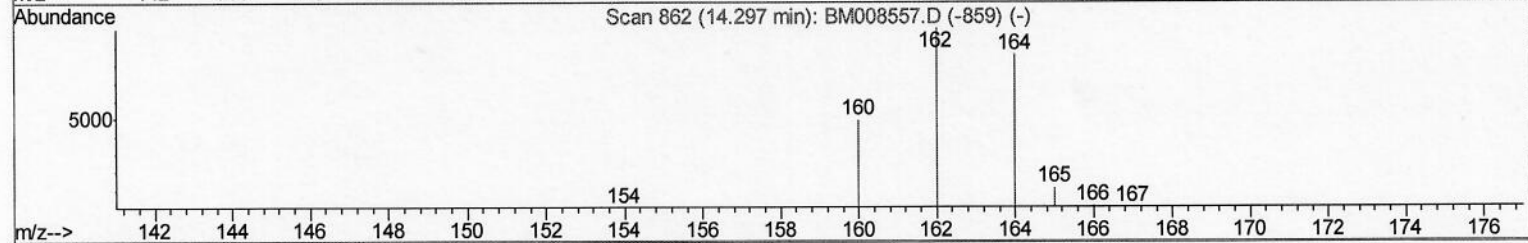
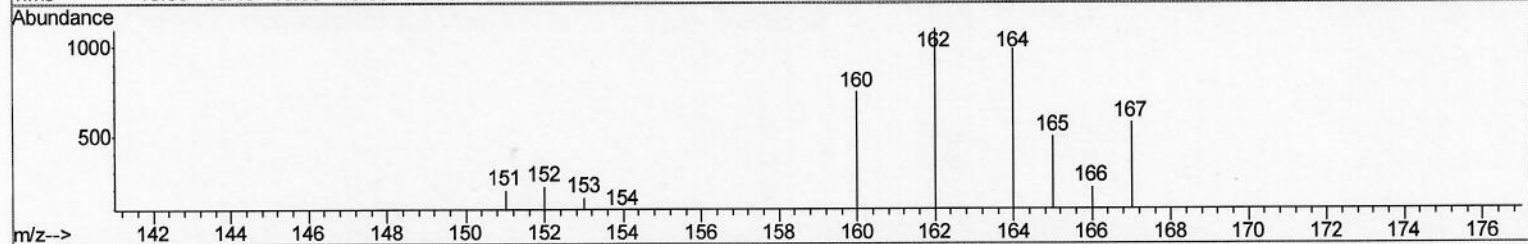
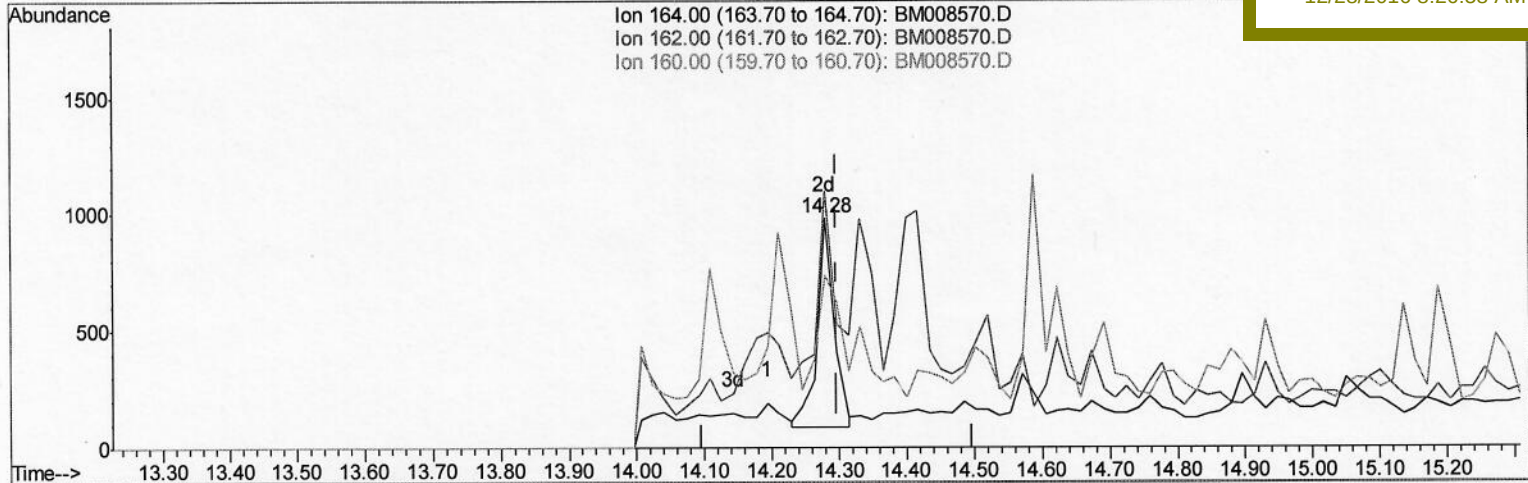
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA850DL

Quant Time: Dec 27 05:06:50 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 27 04:51:48 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008570.D

(6) Acenaphthene-d10 (I)

14.280min (-0.017) 0.40ng/ul m

response 1581

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	111.72
160.00	48.80	75.23#
0.00	0.00	0.00

S.S
12/23/16

Quantitation Report (Qedit)

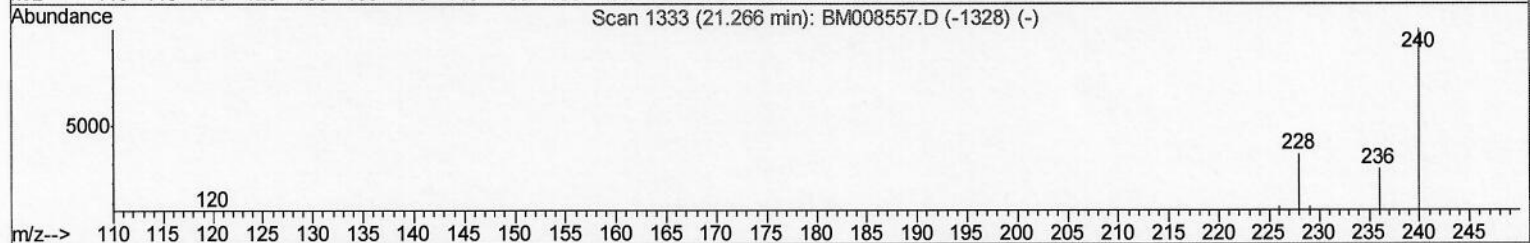
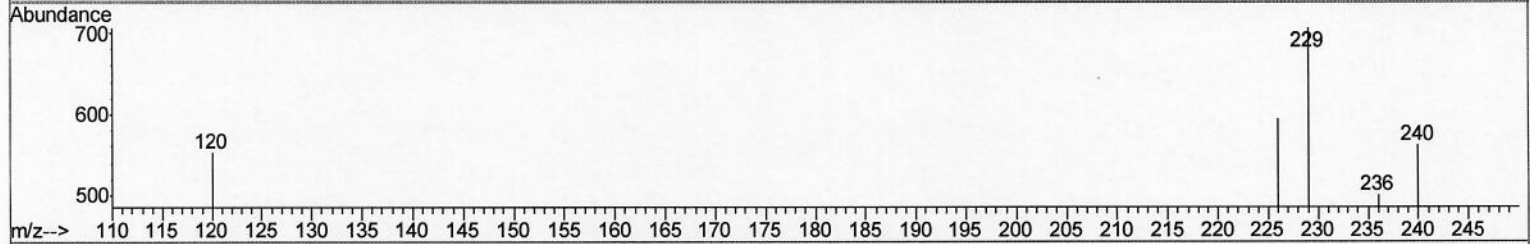
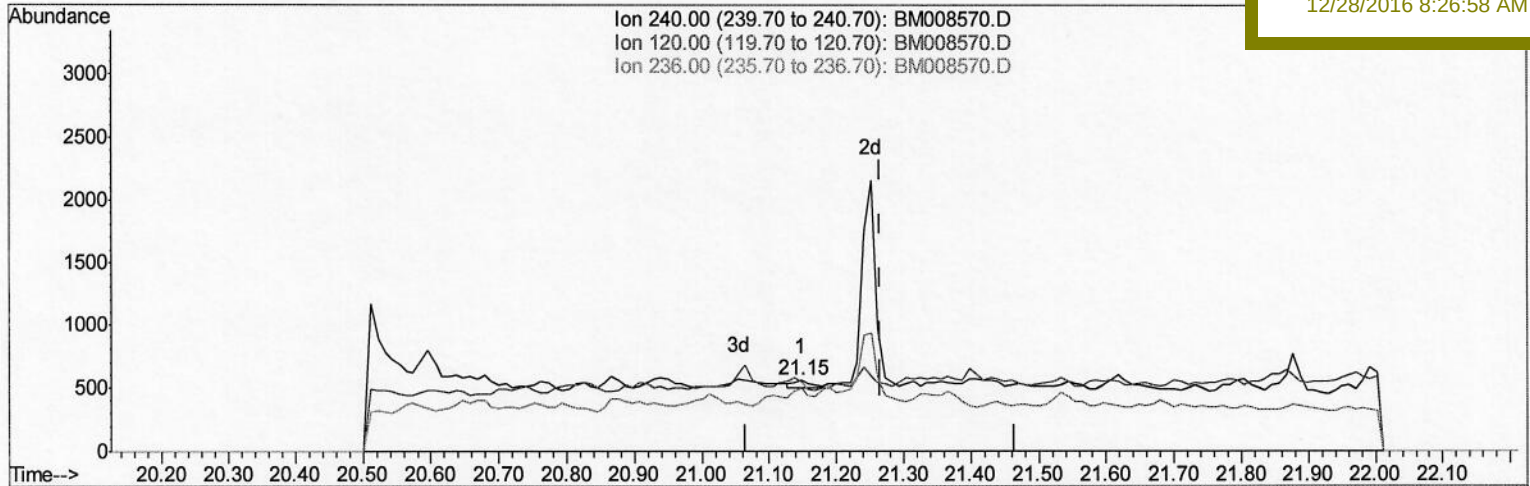
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 05:06:50 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 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Manual Integrations
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TIC: BM008570.D

(16) Chrysene-d12 (I)

21.148min (-0.118) 0.40ng/ul

response 91

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	98.40#
236.00	34.90	88.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

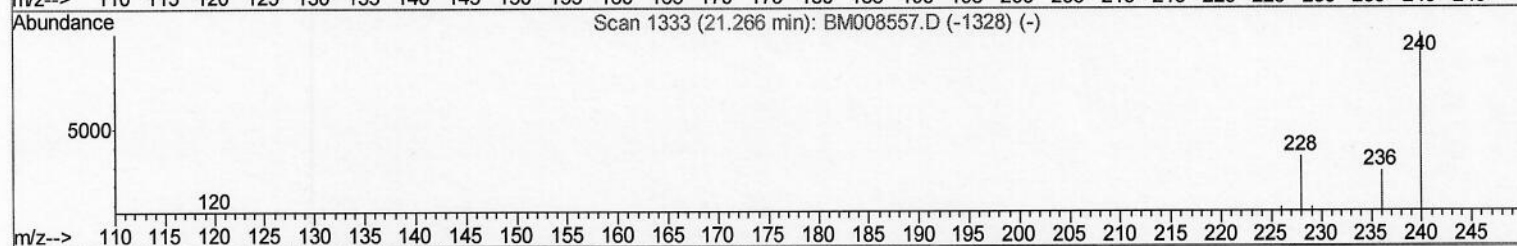
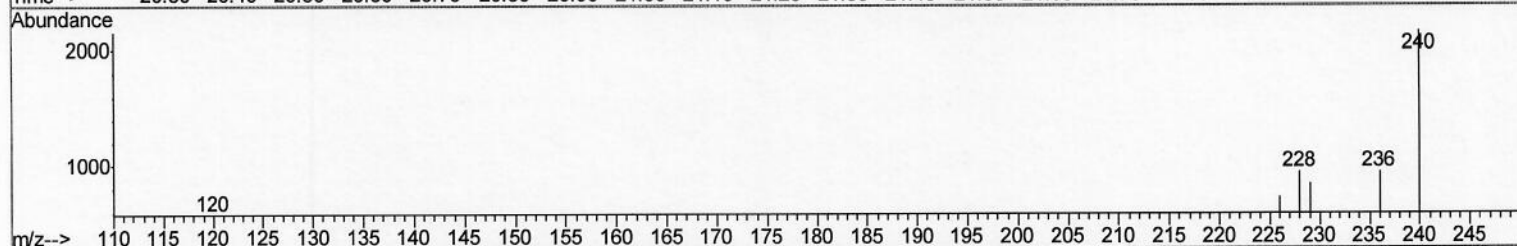
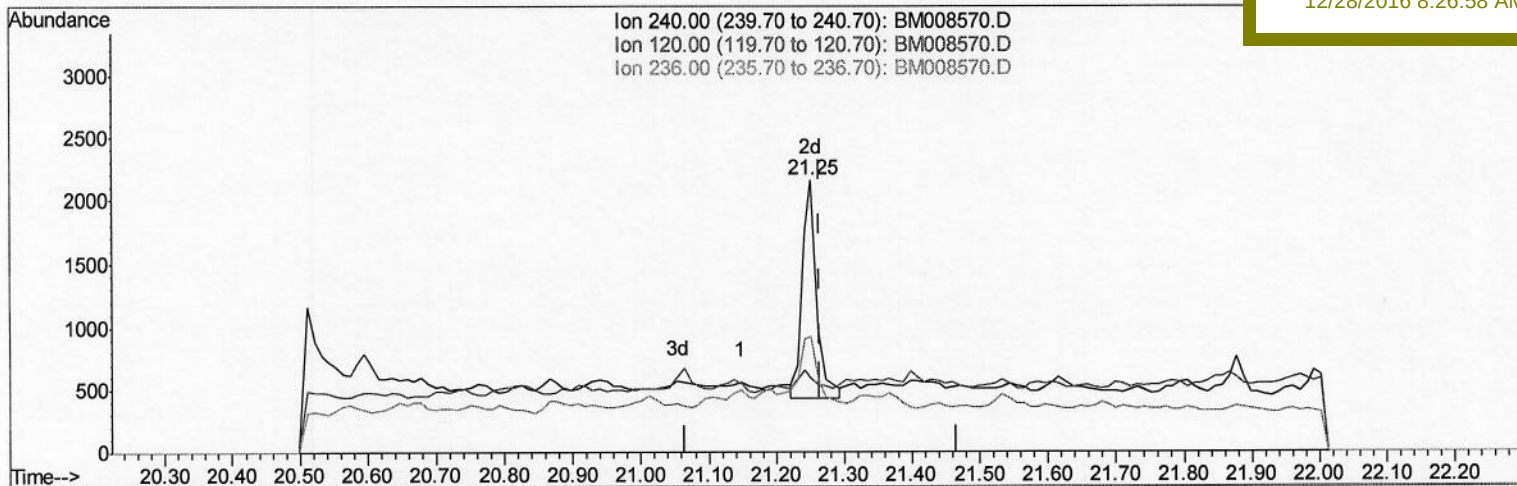
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
Data File : BM008570.D
Acq On : 22 Dec 2016 23:52
Operator : UM/SJ
Sample : H5970-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 05:06:50 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 27 04:51:48 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA850DL

Manual Integrations
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TIC: BM008570.D

(16) Chrysene-d12 (I)

21.252min (-0.014) 0.40ng/ul m

response 2598

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	27.10#
236.00	34.90	43.39#
0.00	0.00	0.00

S.S
12/28/16

Quantitation Report (Qedit)

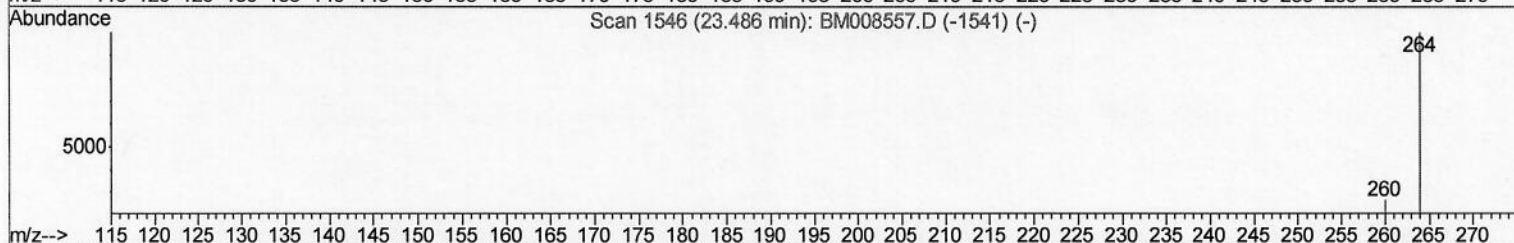
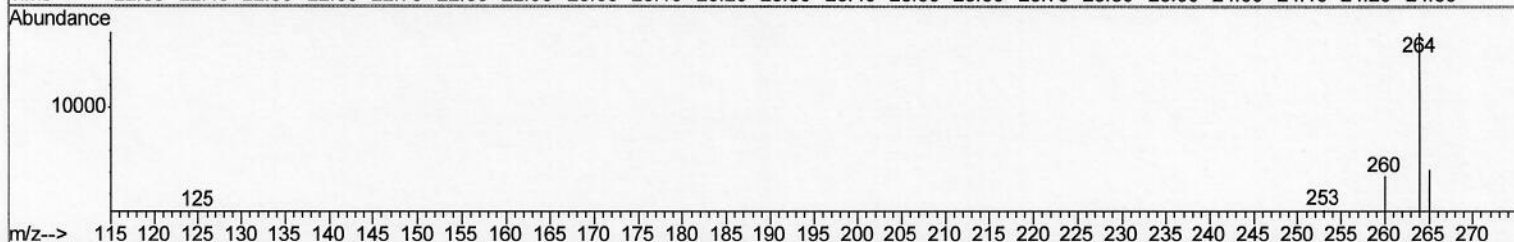
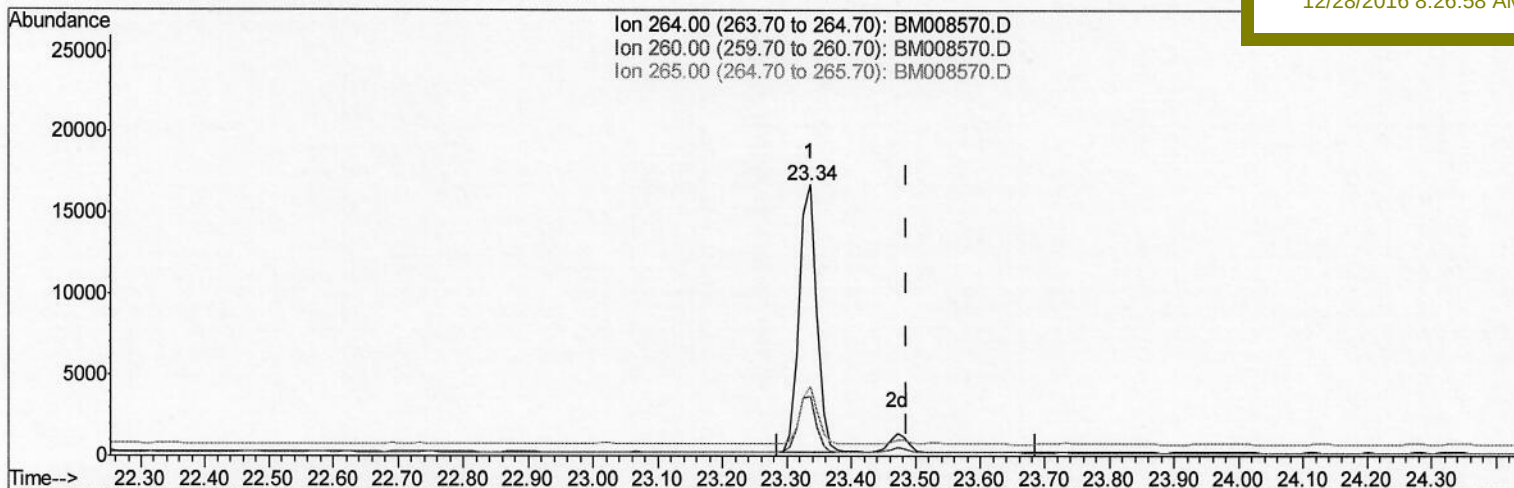
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Quant Time: Dec 27 05:06:50 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 27 04:51:48 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008570.D

(20) Perylene-d12 (I)

23.336min (-0.150) 0.40ng/ul

response 31479

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.76#
265.00	103.50	25.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

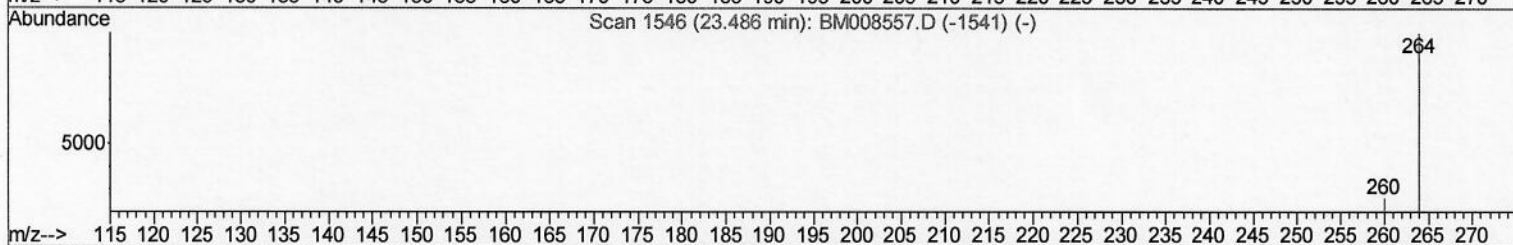
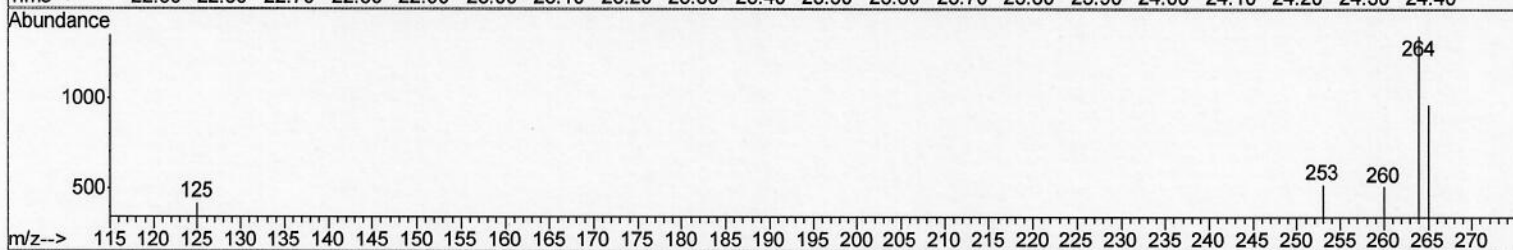
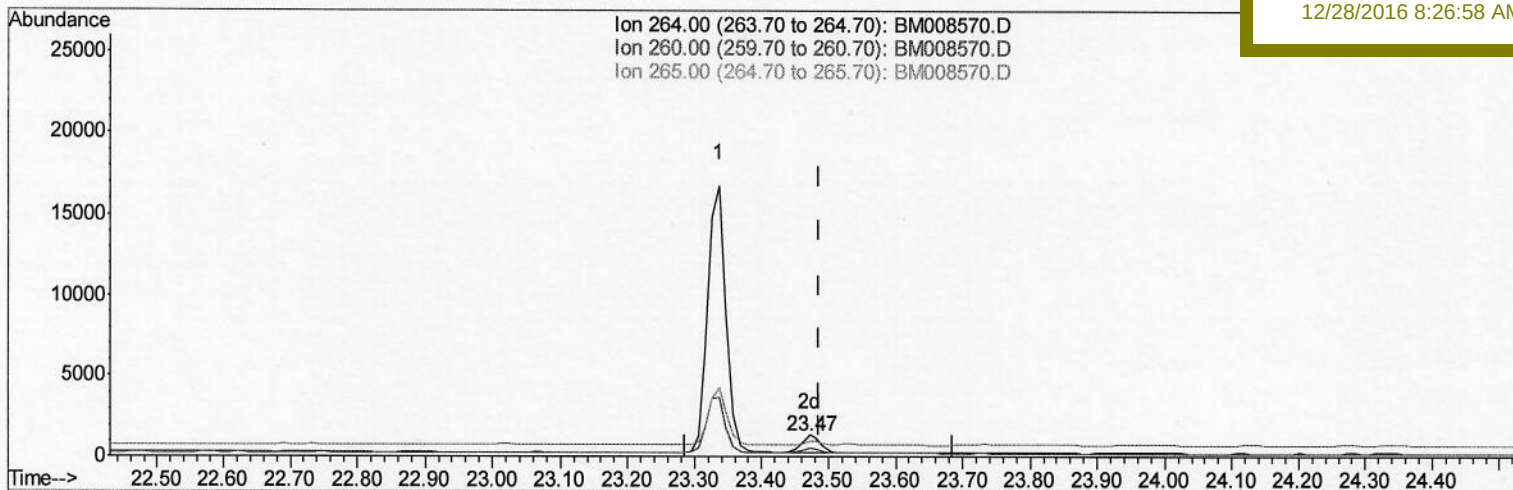
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 05:06:50 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 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Manual Integrations
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TIC: BM008570.D

(20) Perylene-d12 (I)

23.472min (-0.014) 0.40ng/ul m

response 2321

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	37.92#
265.00	103.50	71.18#
0.00	0.00	0.00

S.3
 12/23/16

Quantitation Report (Qedit)

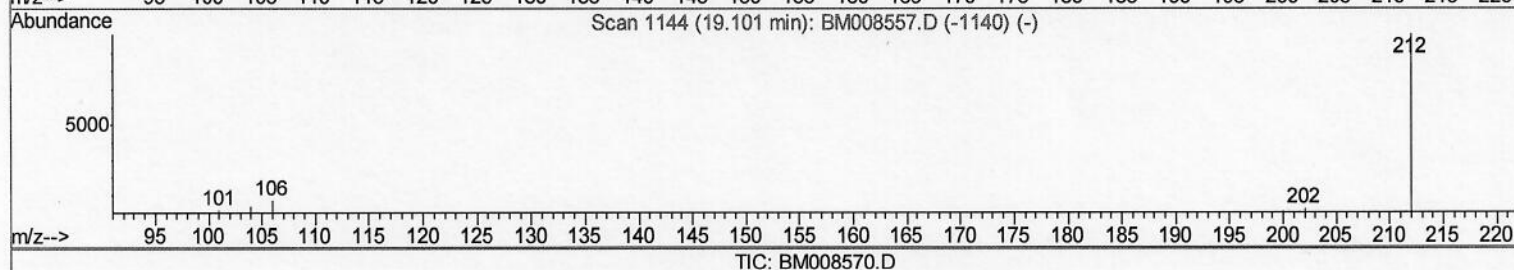
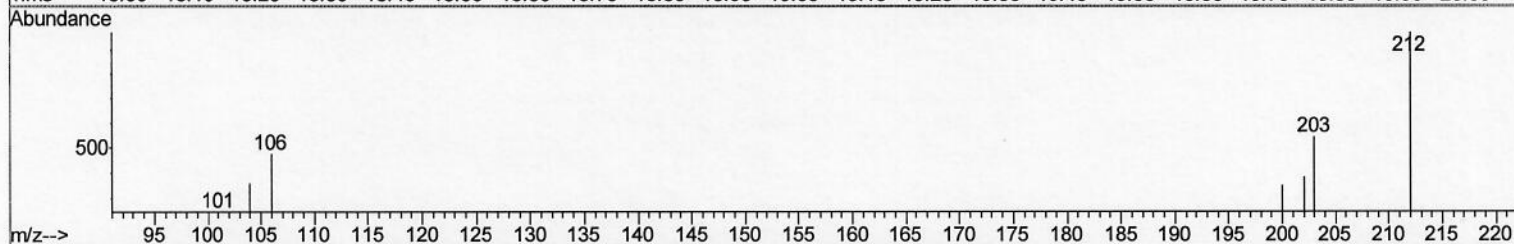
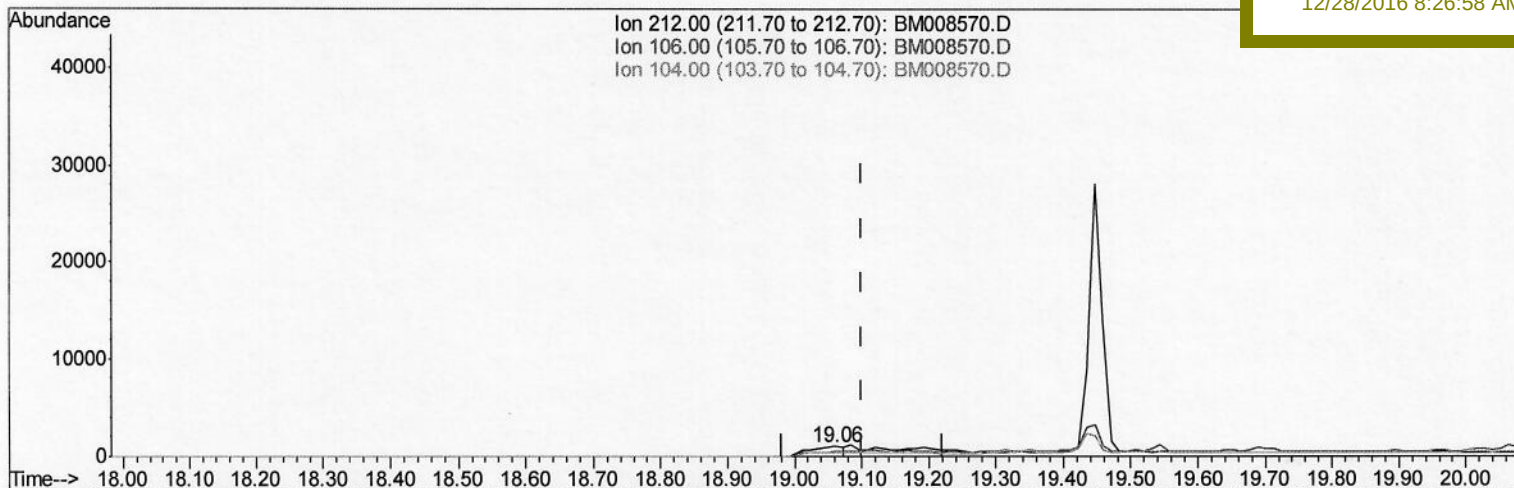
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
Data File : BM008570.D
Acq On : 22 Dec 2016 23:52
Operator : UM/SJ
Sample : H5970-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 27 04:51:48 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA850DL

Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.060min (-0.042) 0.32ng/ul

response 3973

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

Quantitation Report (Qedit)

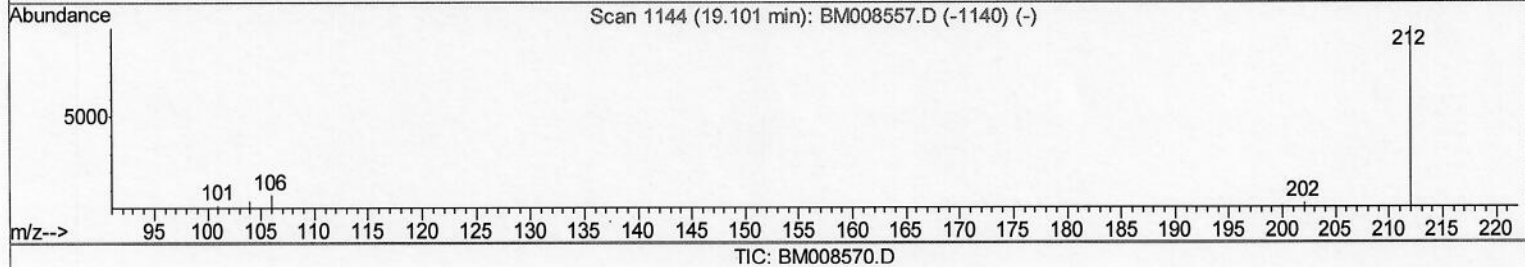
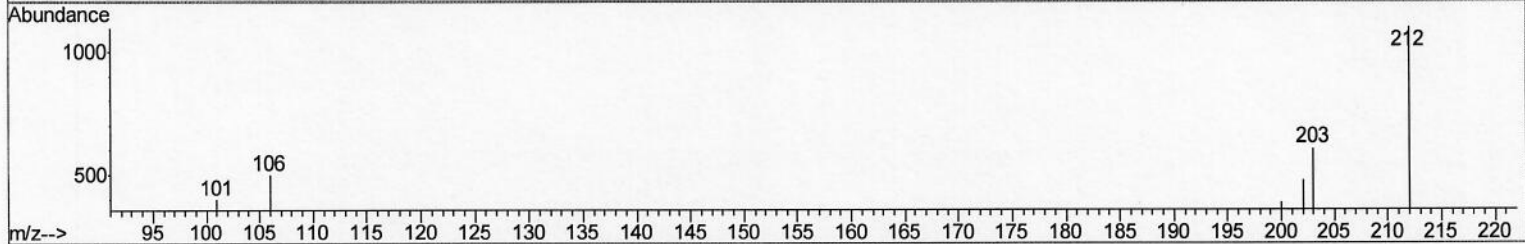
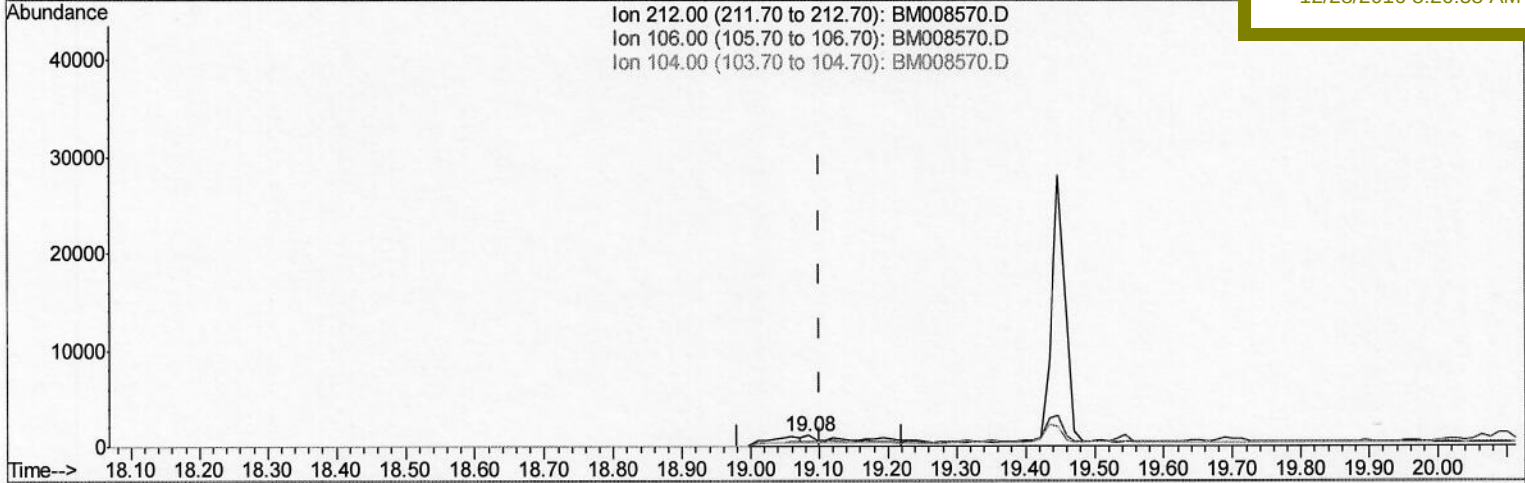
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA850DL

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.084min (-0.017) 0.05ng/ul m

response 571

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

S.S
 12/23/16

Quantitation Report (Qedit)

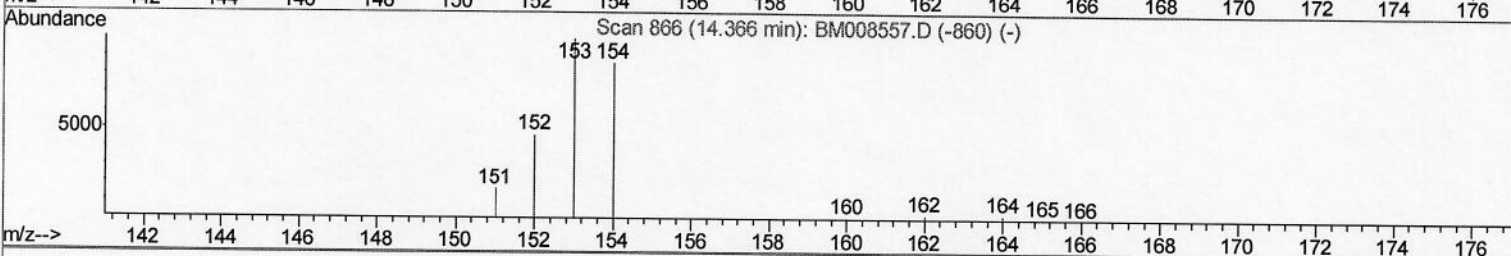
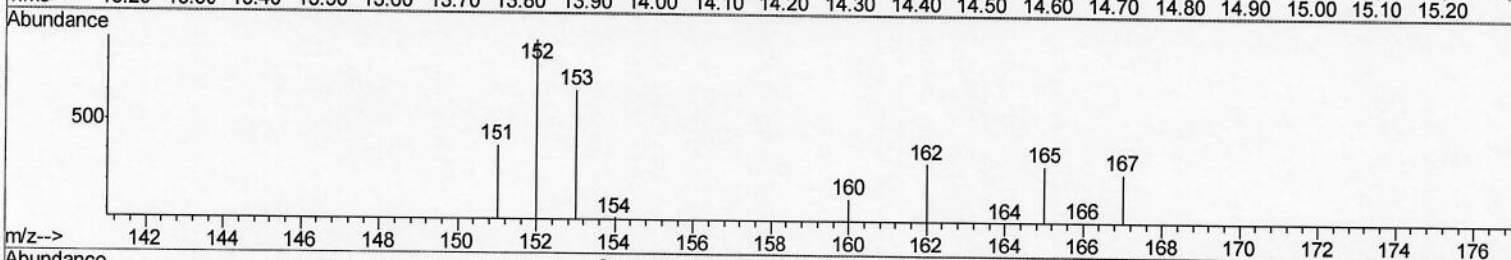
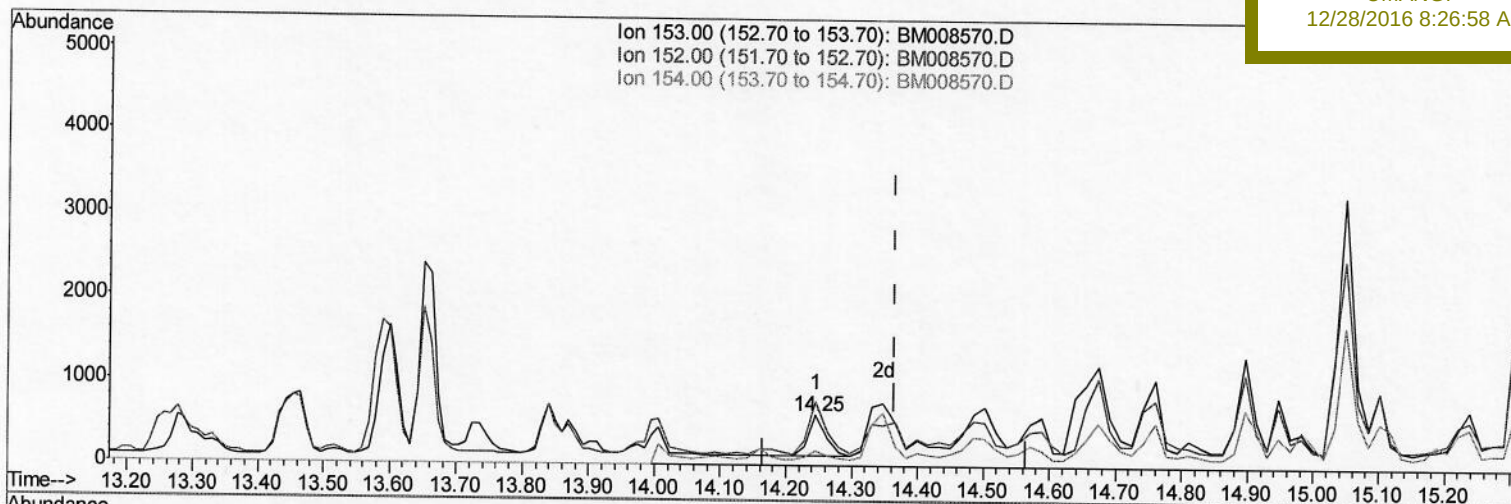
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleID :
 DA850DL

Manual Integrations
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TIC: BM008570.D

(8) Acenaphthene (C)

14.245min (-0.120) 0.17ng/ul

response 911

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	127.59#
154.00	89.30	30.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

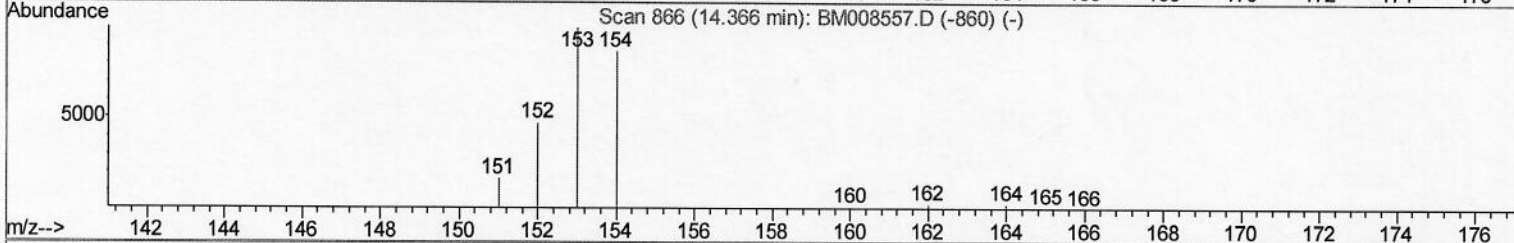
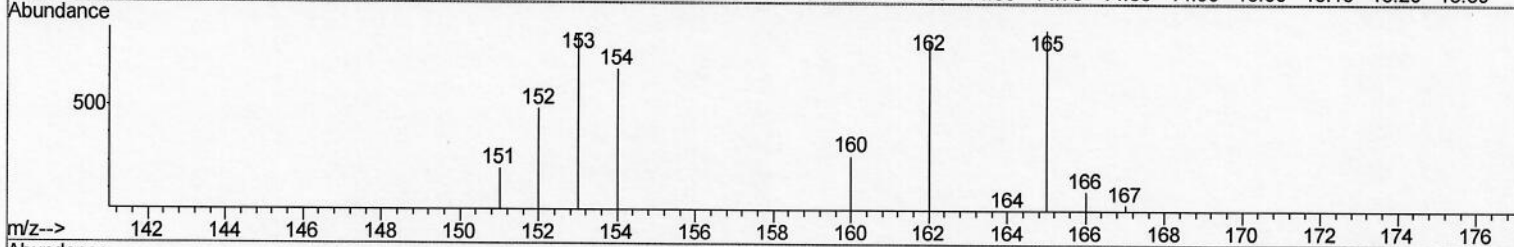
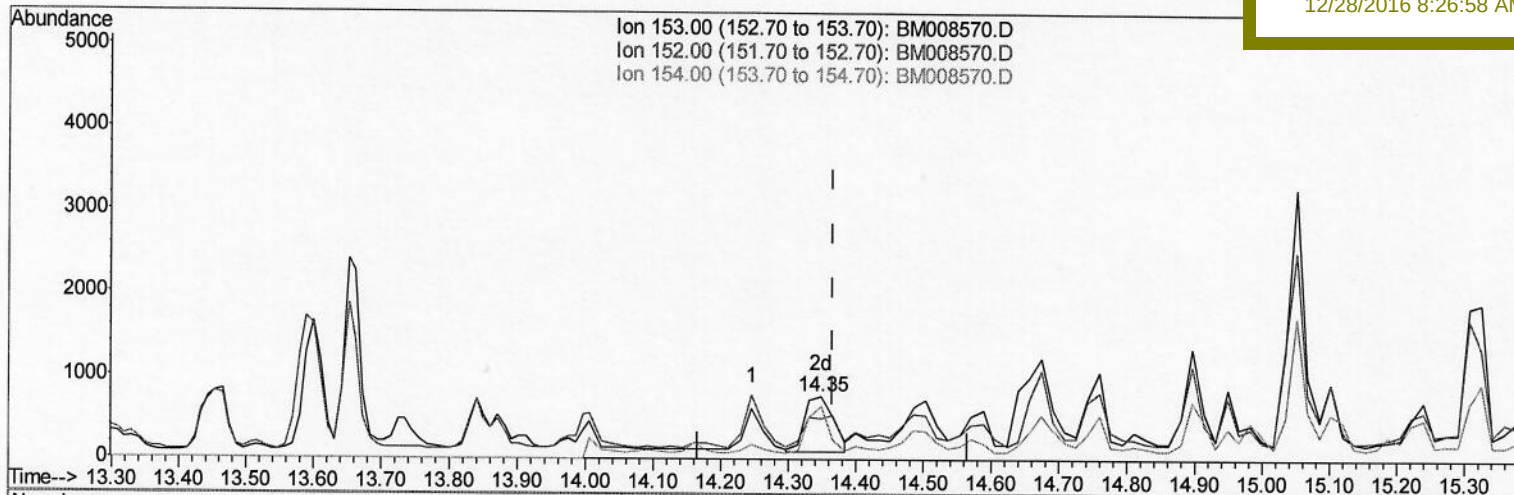
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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TIC: BM008570.D

(8) Acenaphthene (C)

14.348min (-0.017) 0.37ng/ul m

response 1984

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	64.47#
154.00	89.30	83.68
0.00	0.00	0.00

S.S
 12/23/16

Quantitation Report (Qedit)

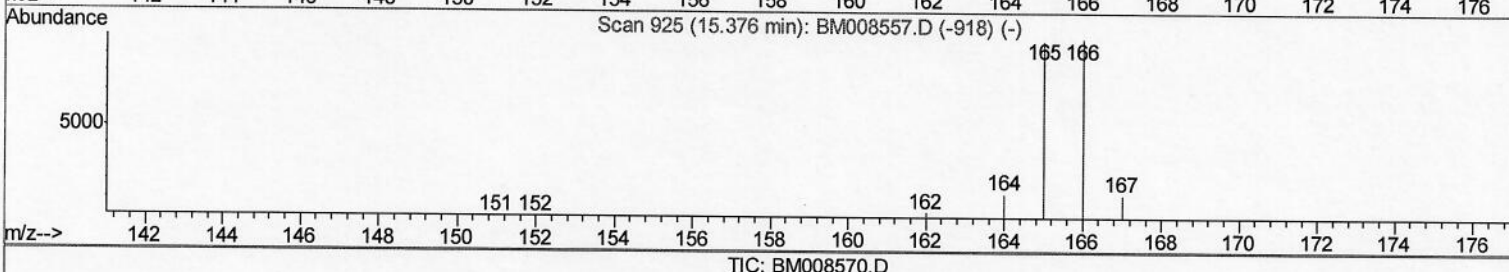
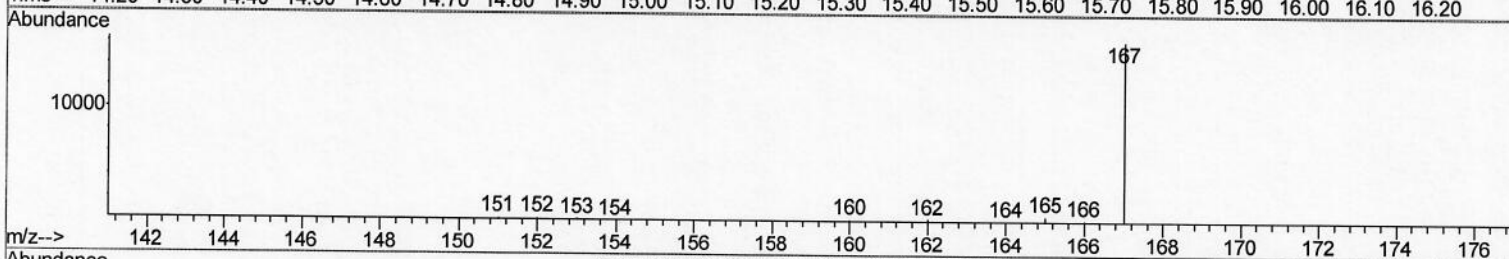
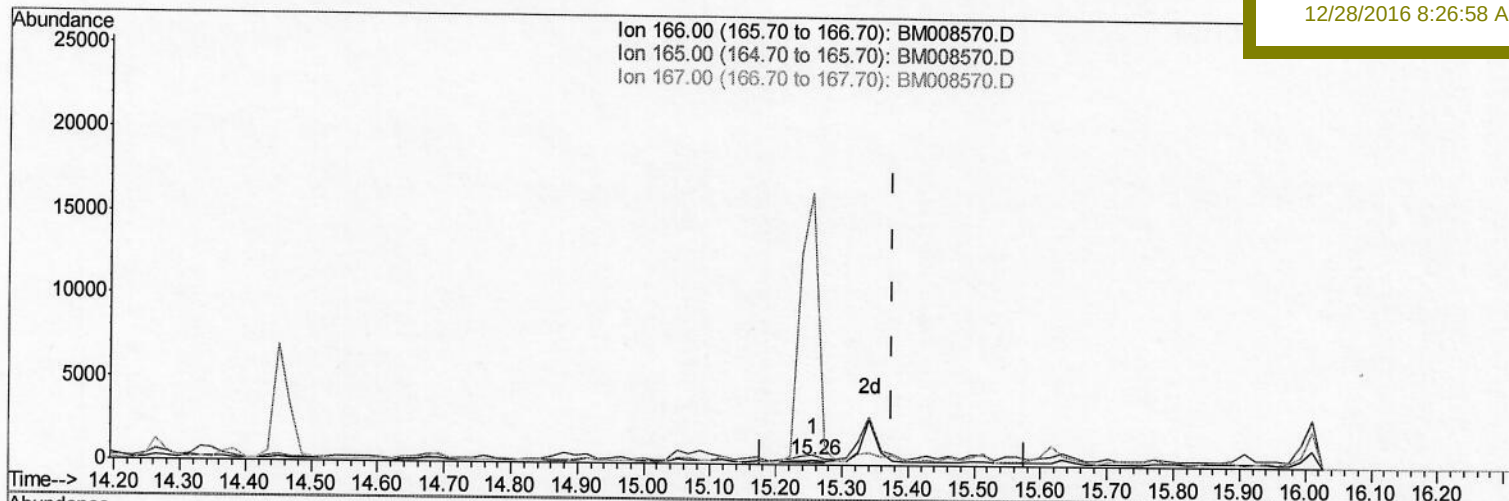
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA850DL

Manual Integrations
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TIC: BM008570.D

(9) Fluorene

15.256min (-0.120) 0.08ng/ul

response 511

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	206.95#
167.00	18.30	5408.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

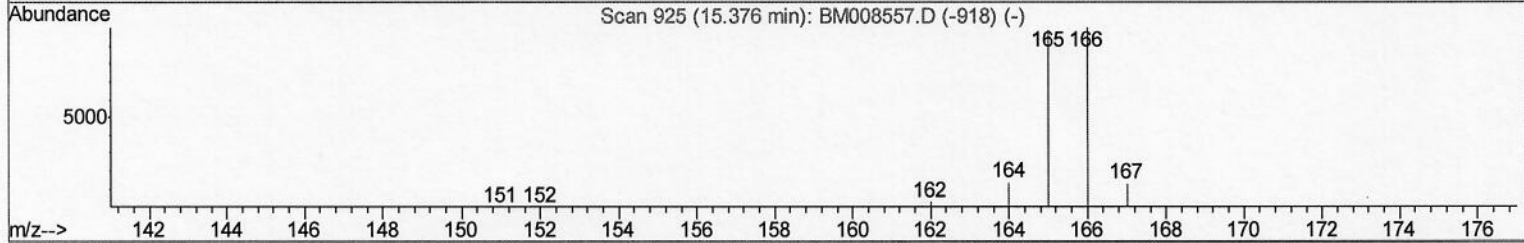
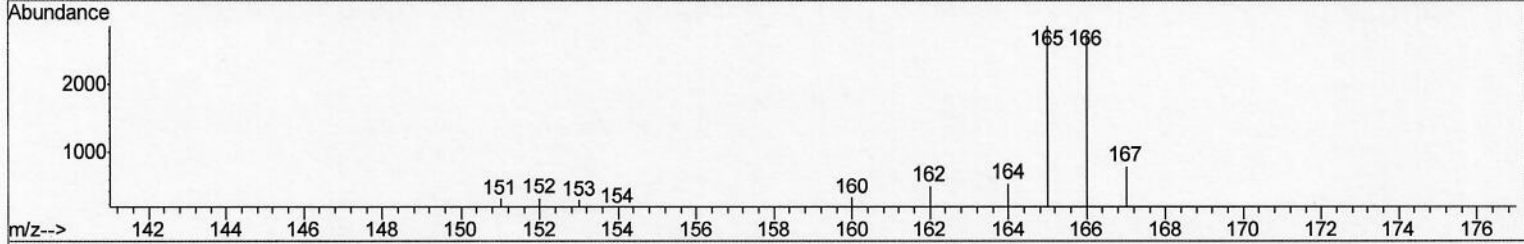
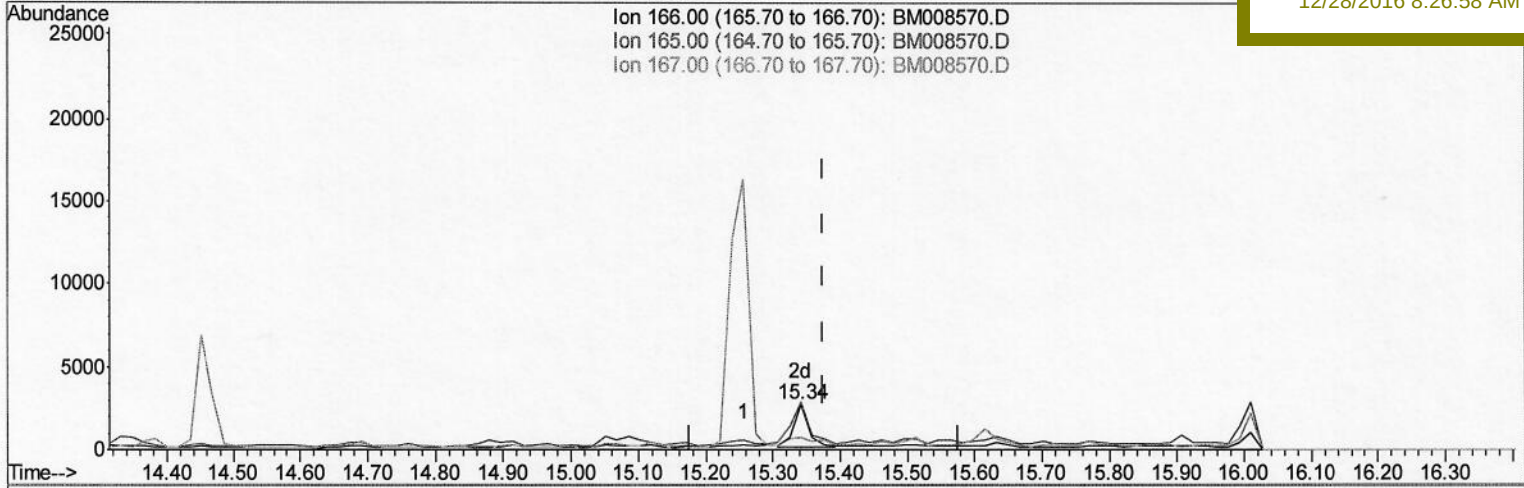
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA850DL

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Manual Integrations
APPROVED

UMANGI
 12/28/2016 8:26:58 AM



TIC: BM008570.D

(9) Fluorene

15.342min (-0.034) 0.69ng/ul m

response 4235

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	104.09
167.00	18.30	28.22#
0.00	0.00	0.00

S.S
12/23/16

Quantitation Report (Qedit)

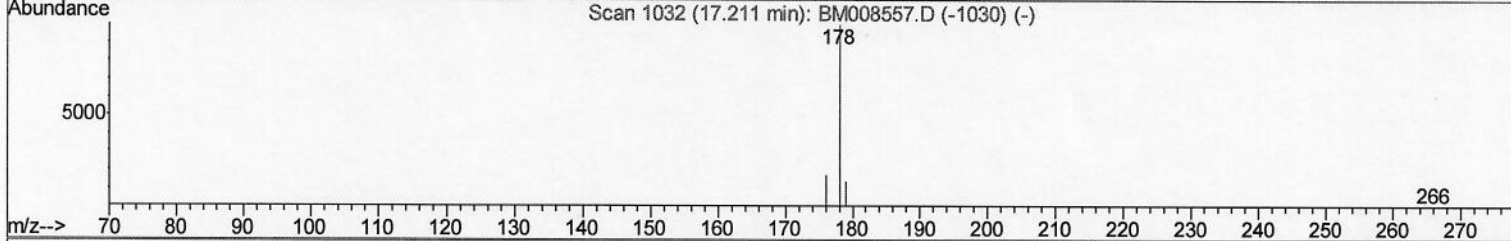
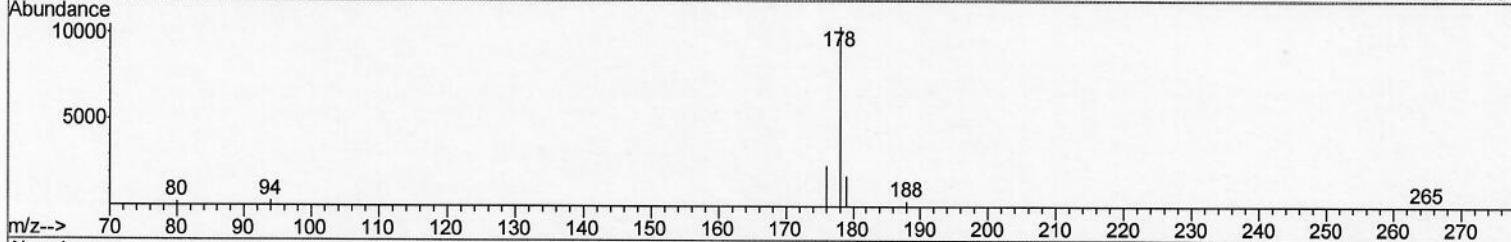
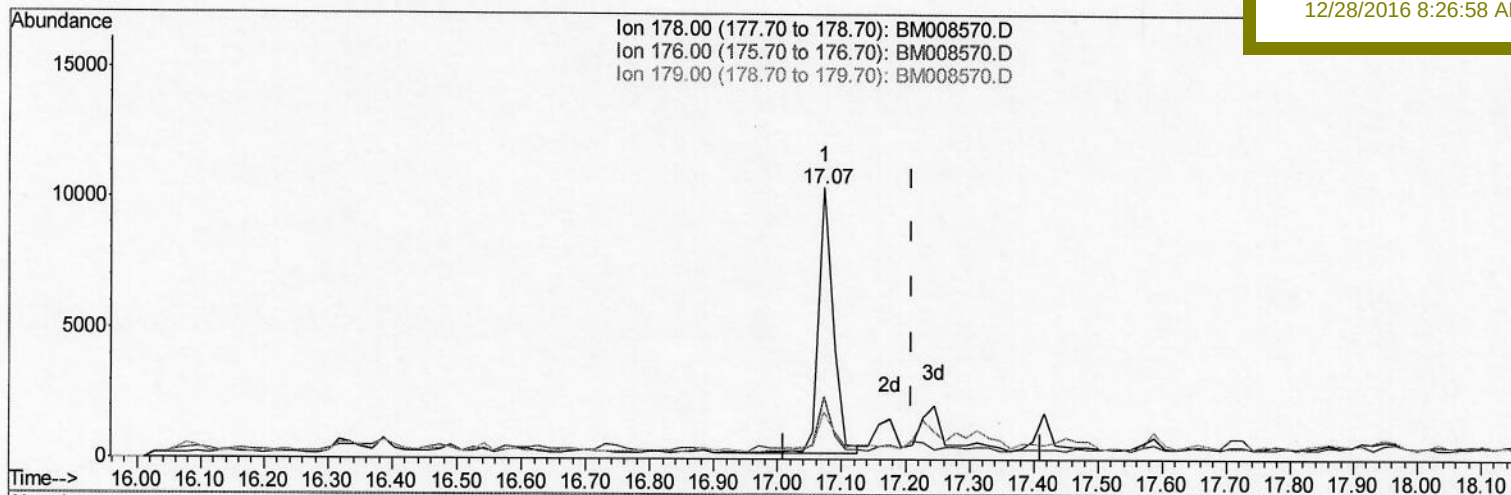
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Manual Integrations
 APPROVED

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 12/28/2016 8:26:58 AM



TIC: BM008570.D

(13) Anthracene

17.073min (-0.137) 1.22ng/ul

response 16110

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	23.14
179.00	18.40	17.89
0.00	0.00	0.00

Quantitation Report (Qedit)

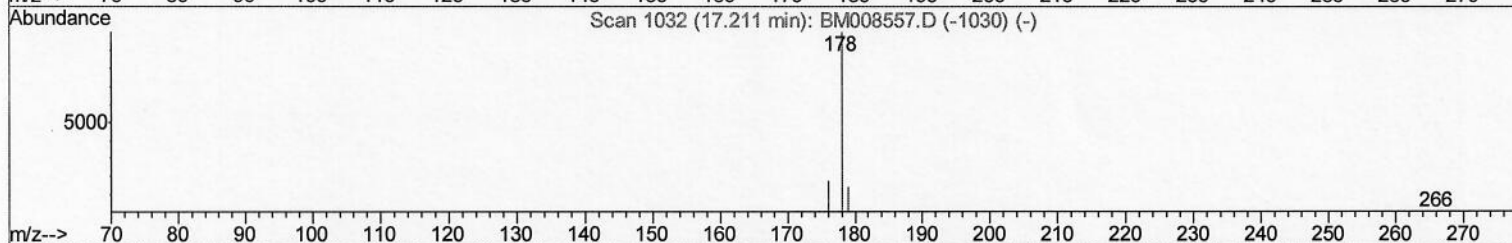
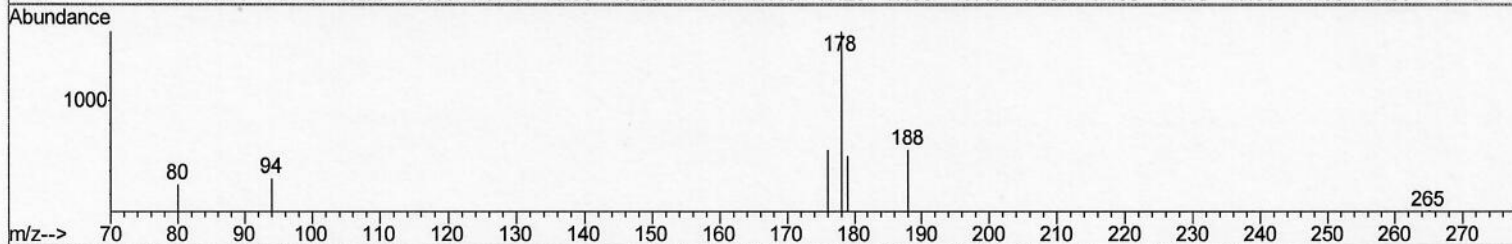
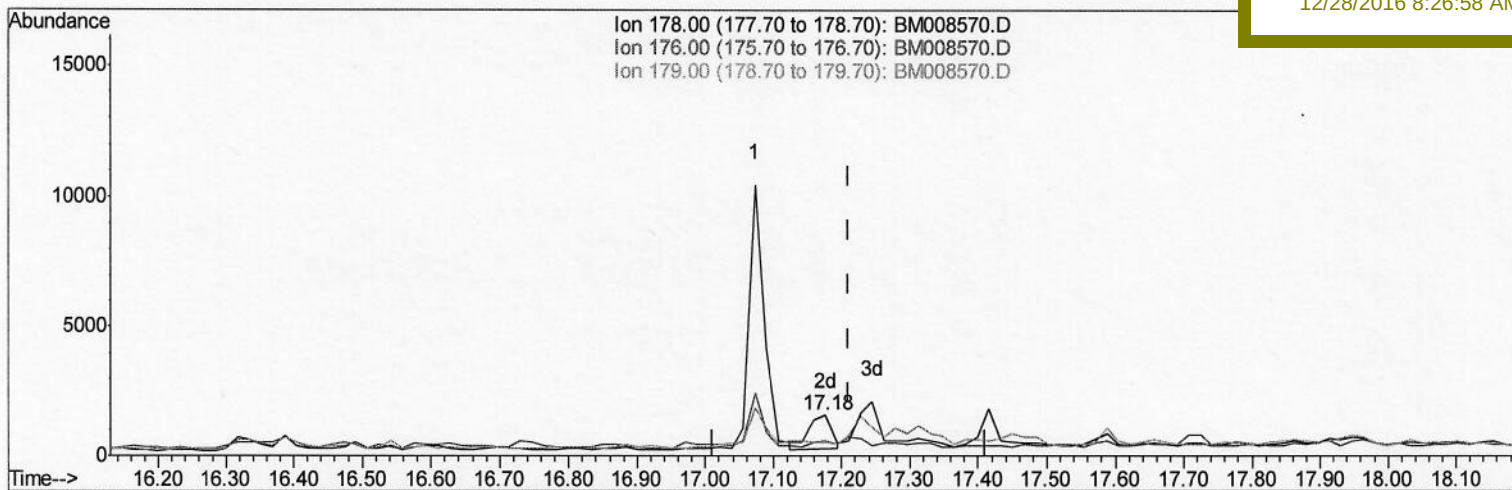
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
Data File : BM008570.D
Acq On : 22 Dec 2016 23:52
Operator : UM/SJ
Sample : H5970-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 27 04:51:48 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA850DL

Manual Integrations
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TIC: BM008570.D

(13) Anthracene

17.176min (-0.035) 0.23ng/ul m

response 2994

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	36.43#
179.00	18.40	33.33#
0.00	0.00	0.00

S.S
12/23/16

Quantitation Report (Qedit)

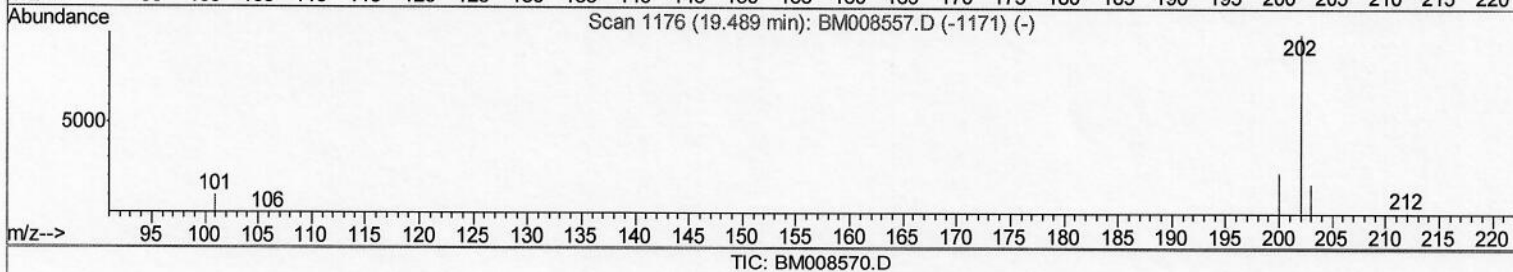
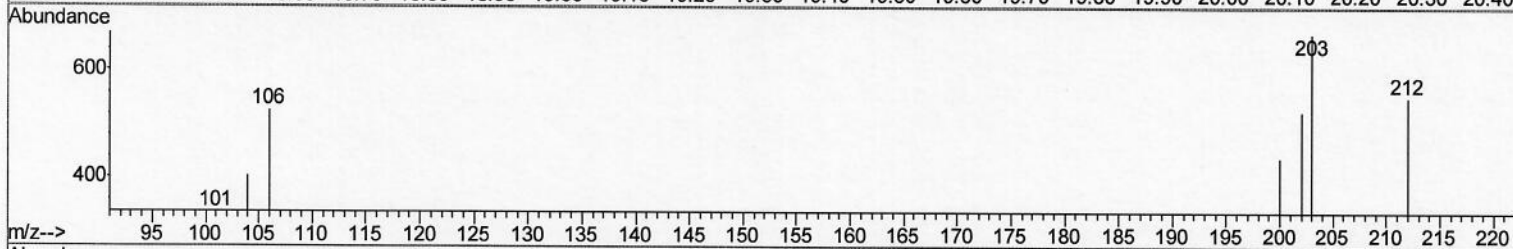
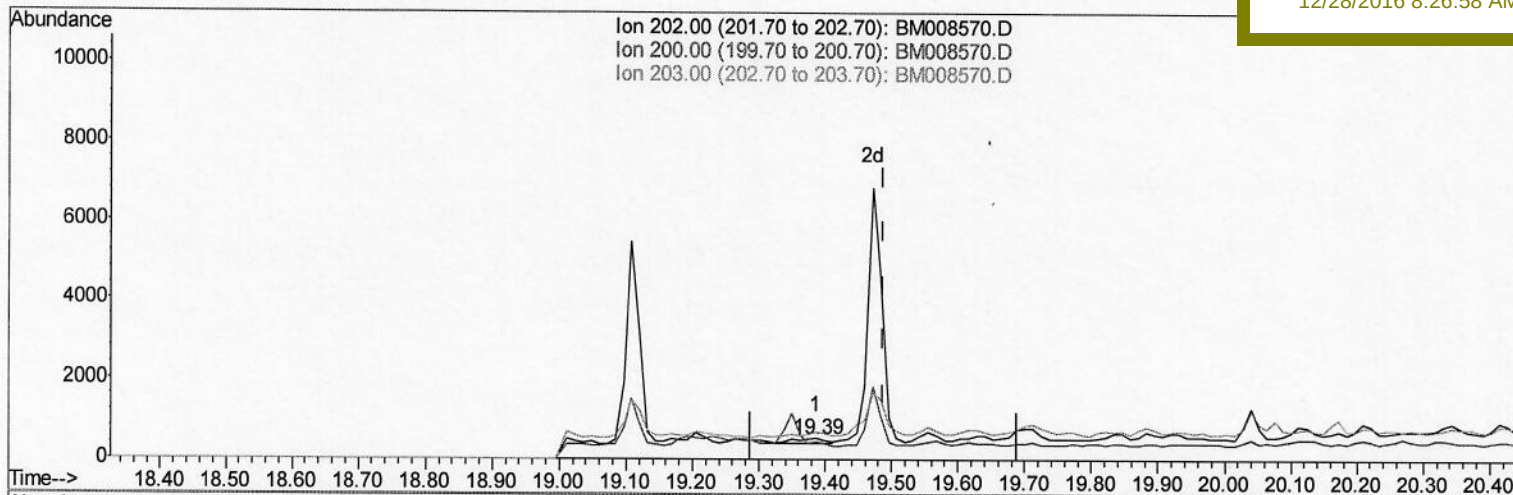
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Manual Integrations
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(17) Pyrene

19.387min (-0.102) 0.04ng/ul

response 363

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	83.40#
203.00	19.50	127.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

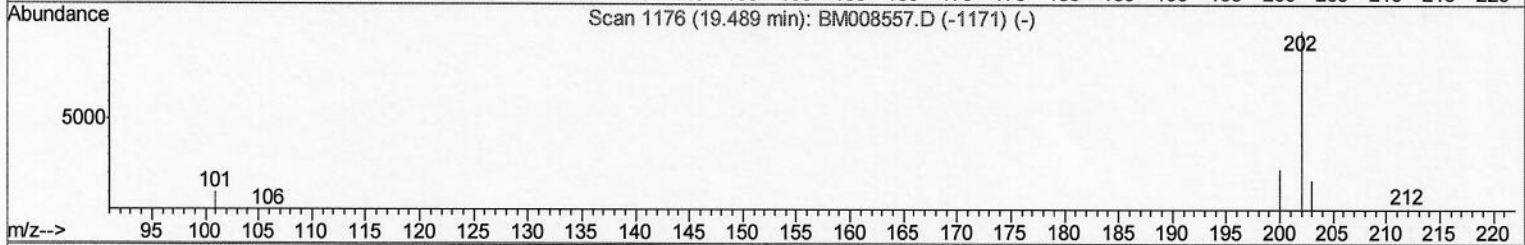
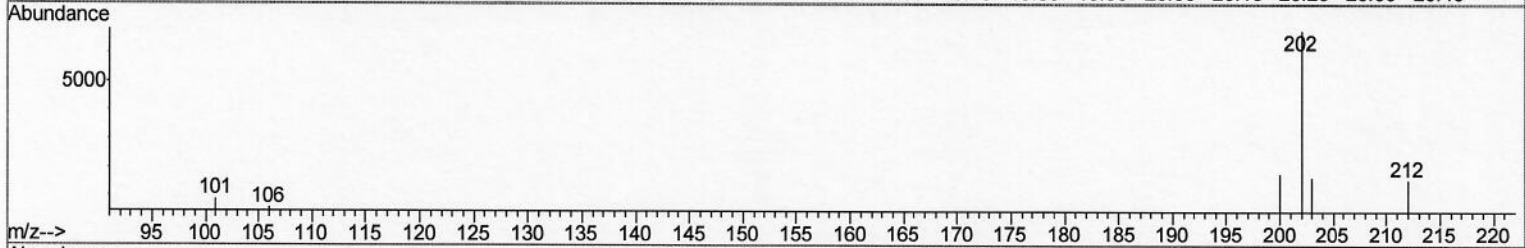
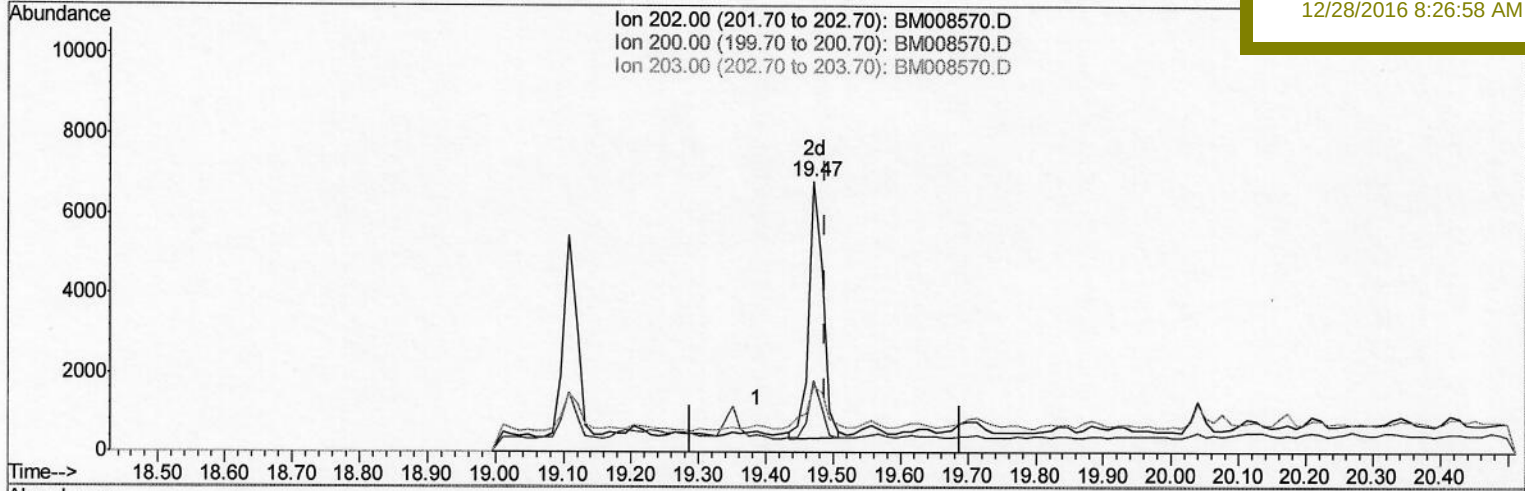
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Manual Integrations
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TIC: BM008570.D

(17) Pyrene

19.471min (-0.017) 0.95ng/ul m

response 9587

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	26.31
203.00	19.50	24.03#
0.00	0.00	0.00

S-J
 12/23/16

Quantitation Report (Qedit)

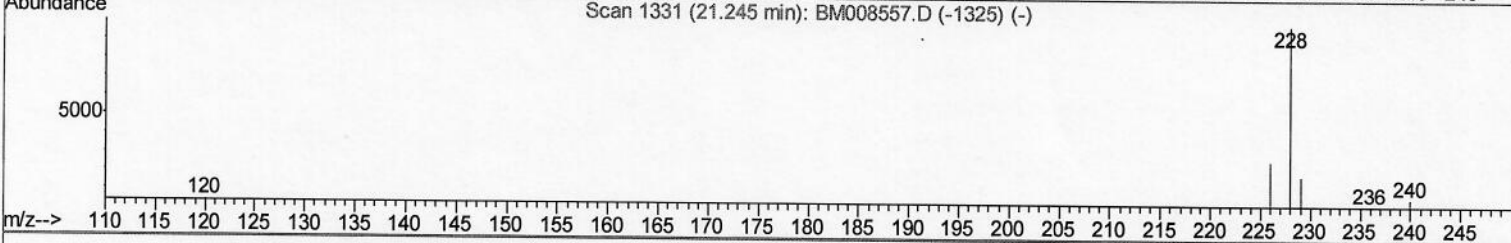
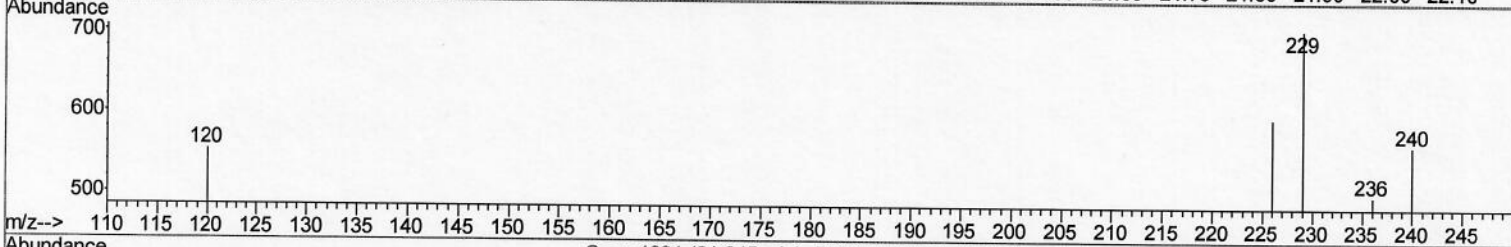
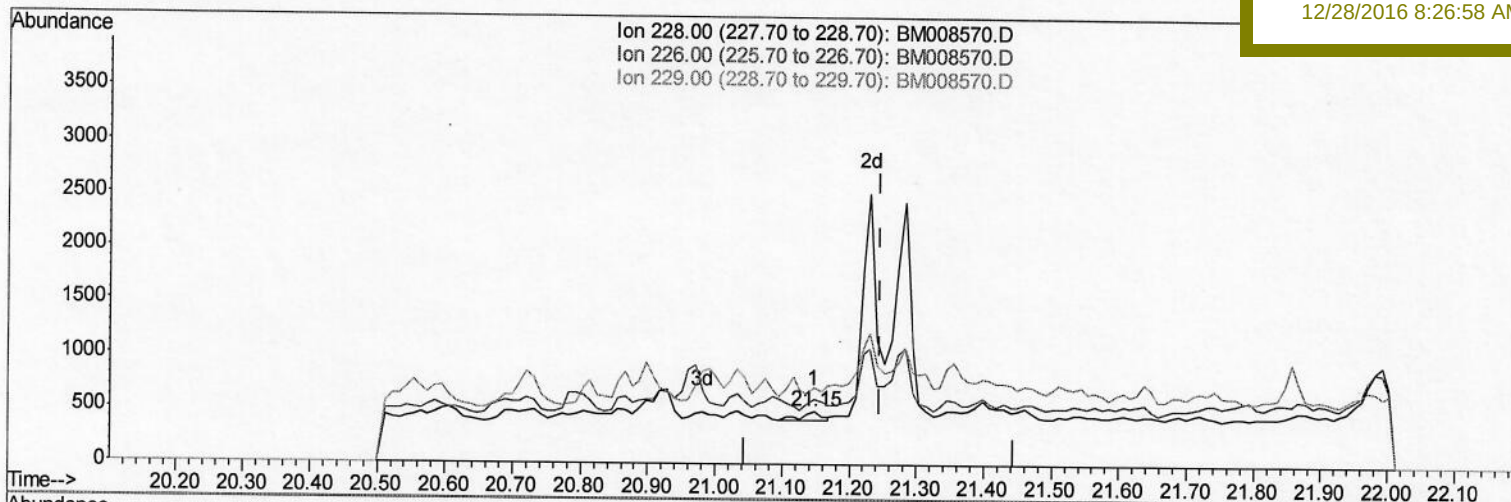
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

UMANGI
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TIC: BM008570.D

(18) Benzo(a)anthracene

21.148min (-0.097) 0.02ng/ul

response 174

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	122.89#
229.00	21.30	145.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

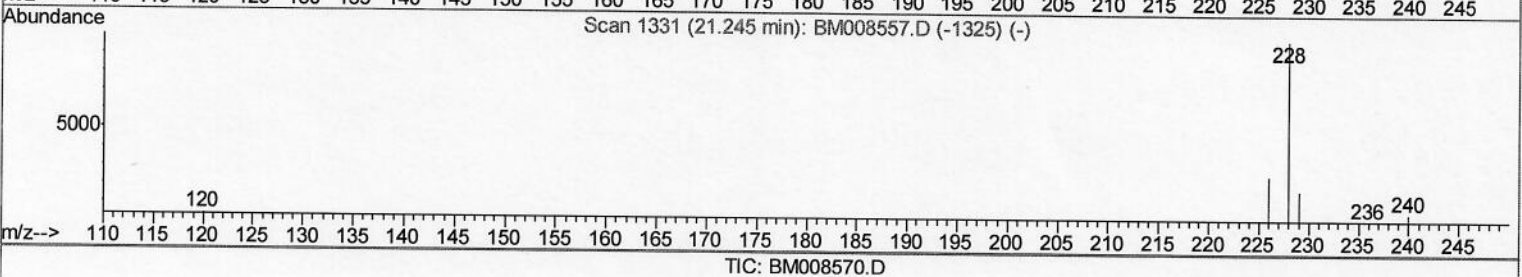
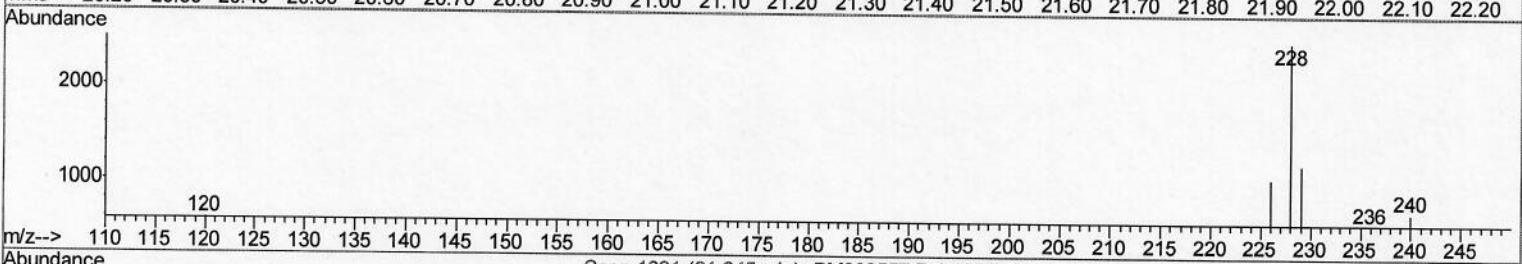
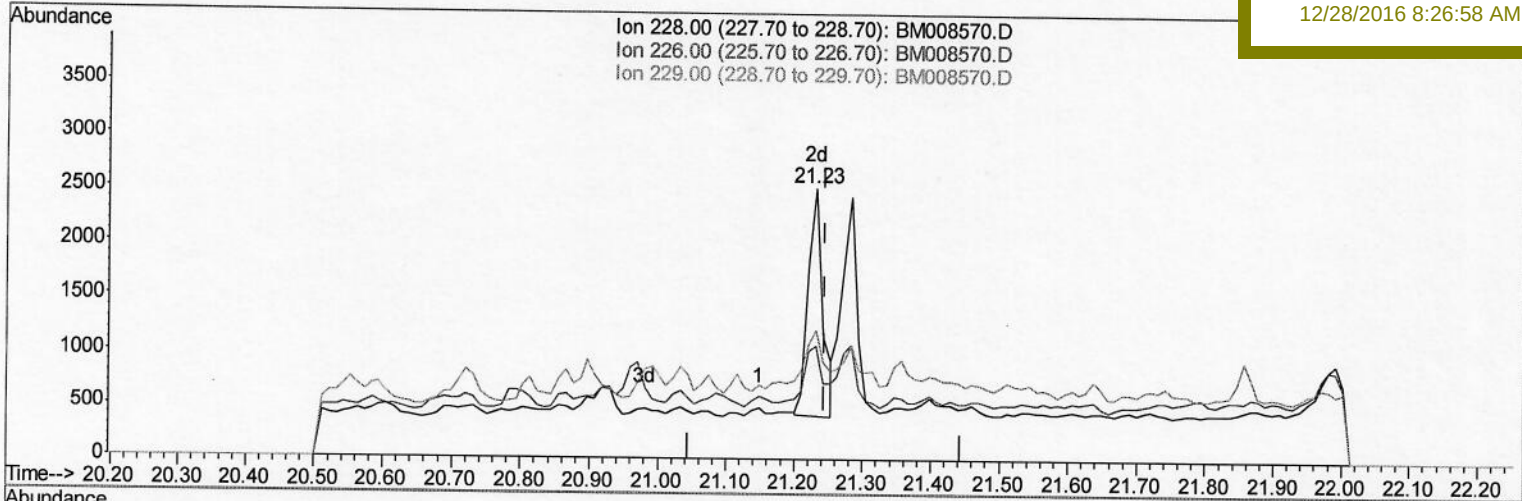
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Manual Integrations
 APPROVED

UMANGI
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(18) Benzo(a)anthracene

21.231min (-0.014) 0.37ng/ul m

response 3123

Ion Exp% Act%

228.00 100 100

226.00 28.50 42.21#

229.00 21.30 48.14#

0.00 0.00 0.00

S-5
 12/23/16

Quantitation Report (Qedit)

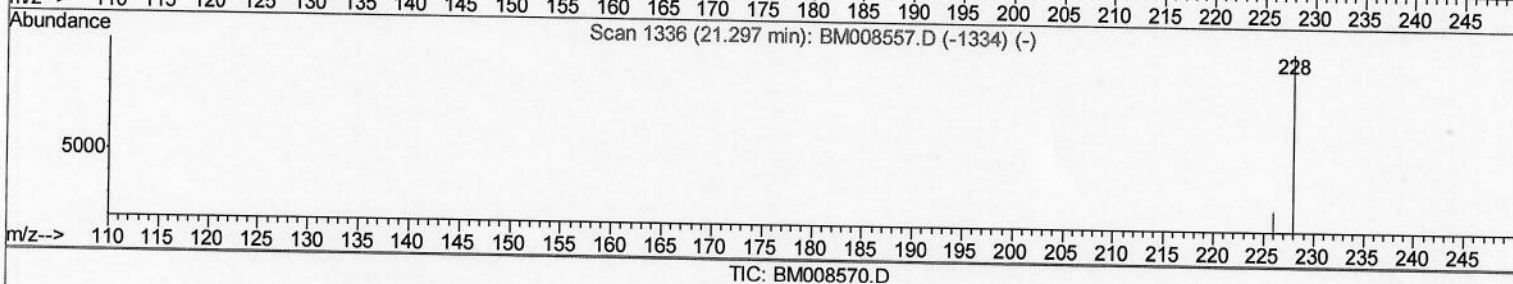
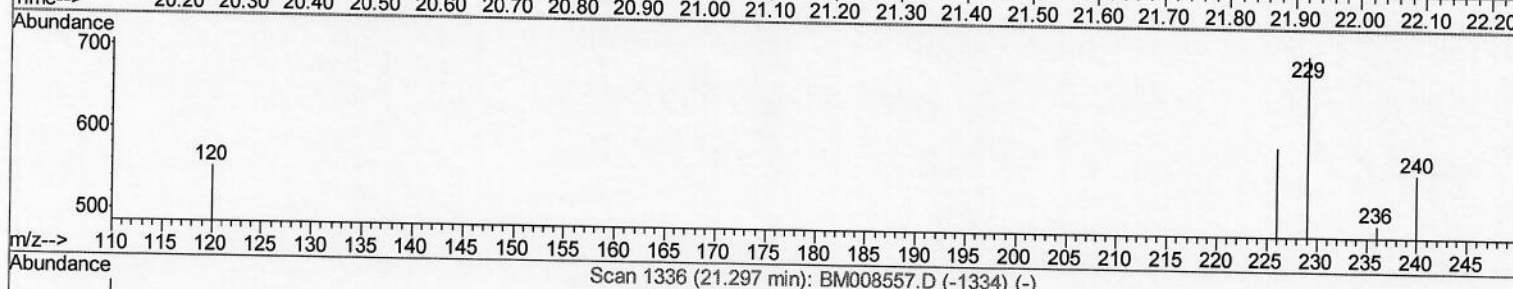
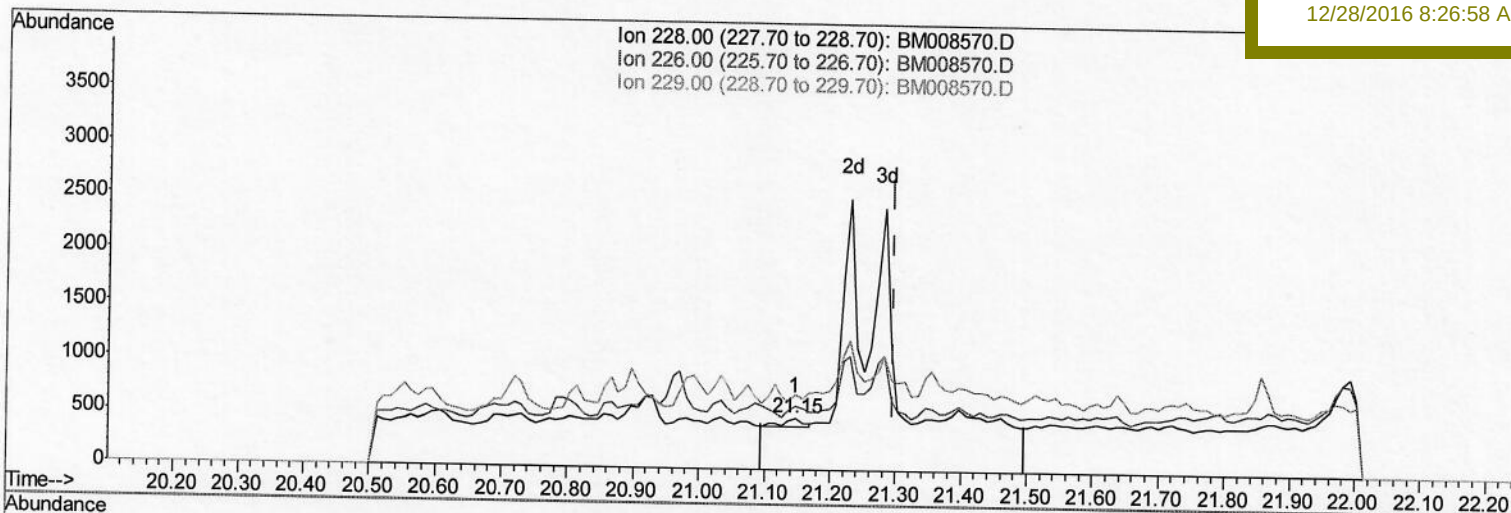
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Manual Integrations
 APPROVED

UMANGI
 12/28/2016 8:26:58 AM



(19) Chrysene

21.148min (-0.149) 0.02ng/ui

response 174

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	122.89#
229.00	22.10	145.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

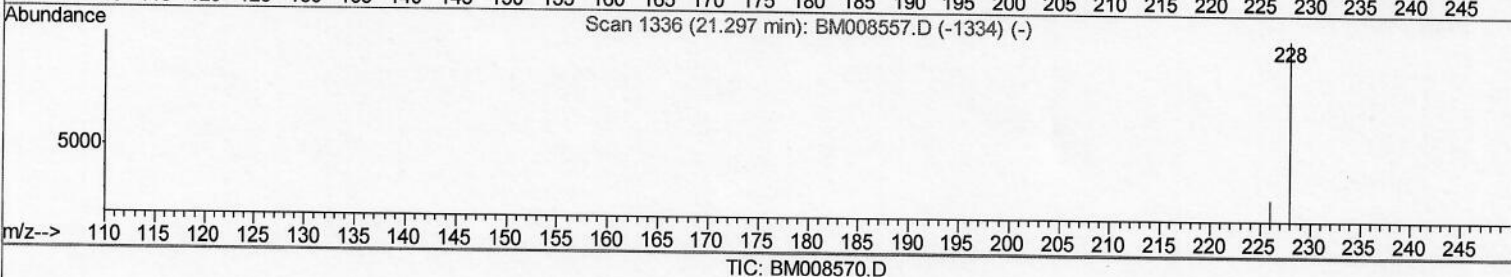
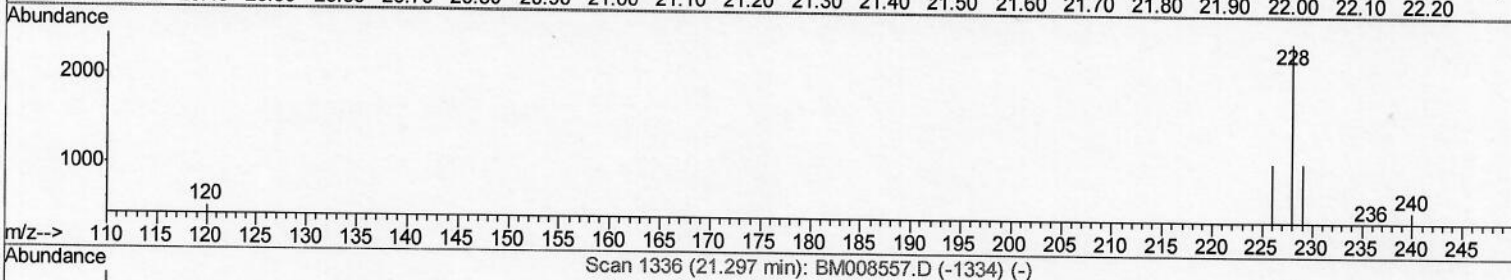
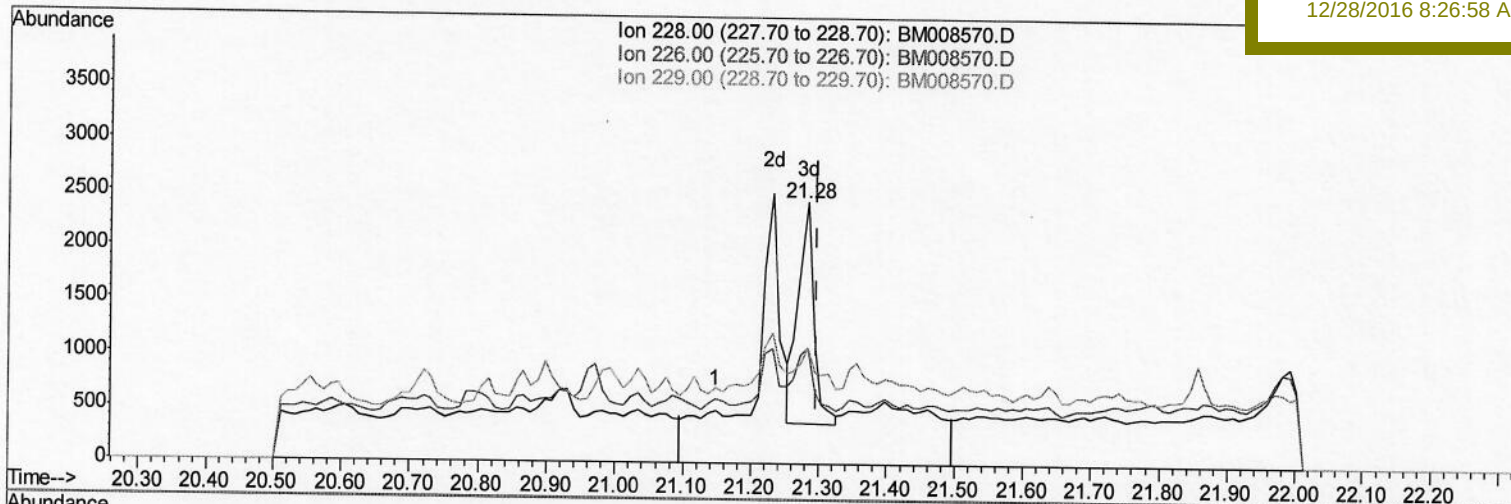
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Manual Integrations
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(19) Chrysene

21.283min (-0.014) 0.36ng/ul m

response 3378

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	44.40#
229.00	22.10	44.19#
0.00	0.00	0.00

S.J
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Quantitation Report (Qedit)

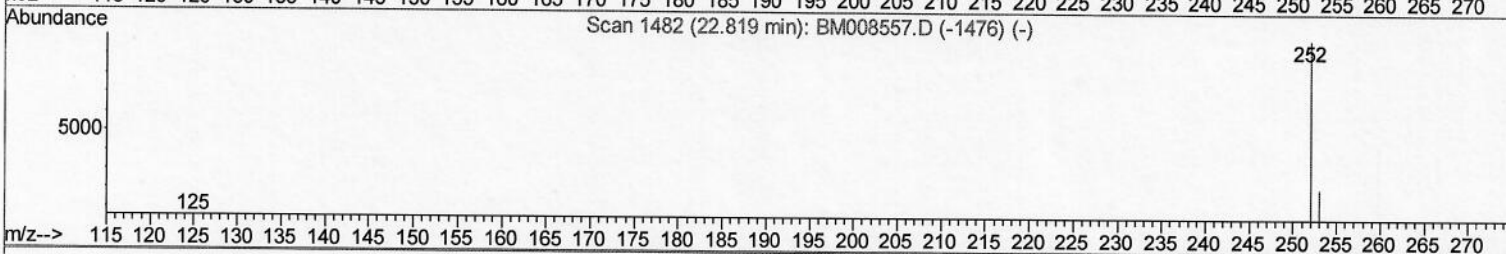
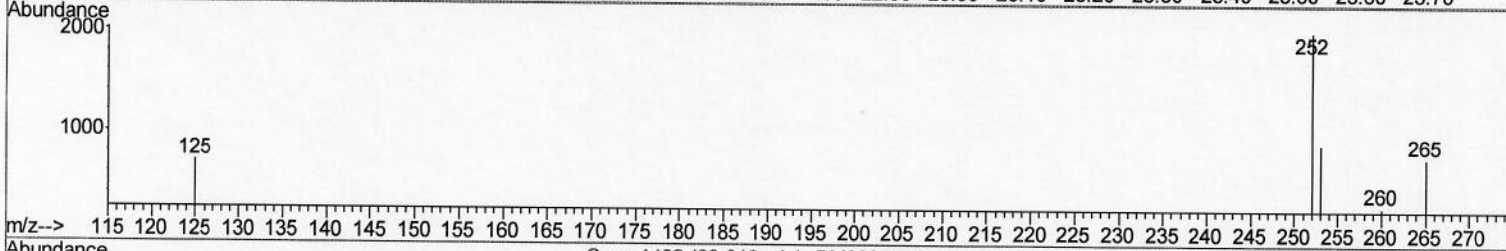
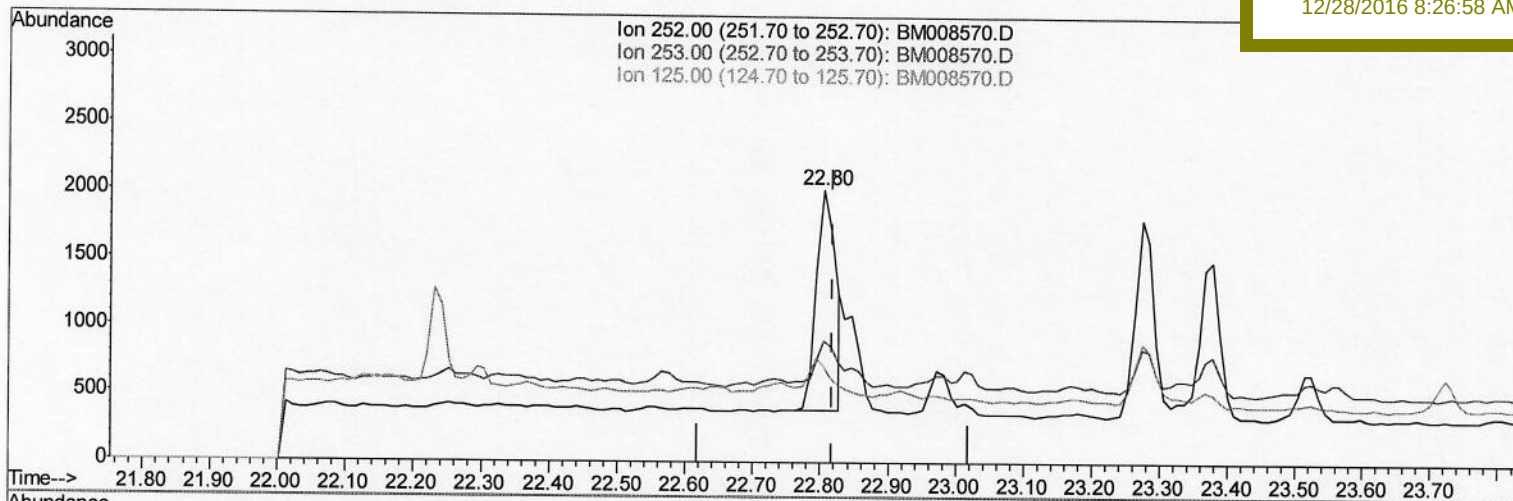
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
Data File : BM008570.D
Acq On : 22 Dec 2016 23:52
Operator : UM/SJ
Sample : H5970-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850DL

Manual Integrations
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Quant Time: Dec 27 07:16:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 27 04:51:48 2016
Response via : Initial Calibration



TIC: BM008570.D

(21) Benzo(b)fluoranthene

22.805min (-0.014) 0.35ng/ul

response 3227

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	44.67
125.00	17.50	34.99
0.00	0.00	0.00

Quantitation Report (Qedit)

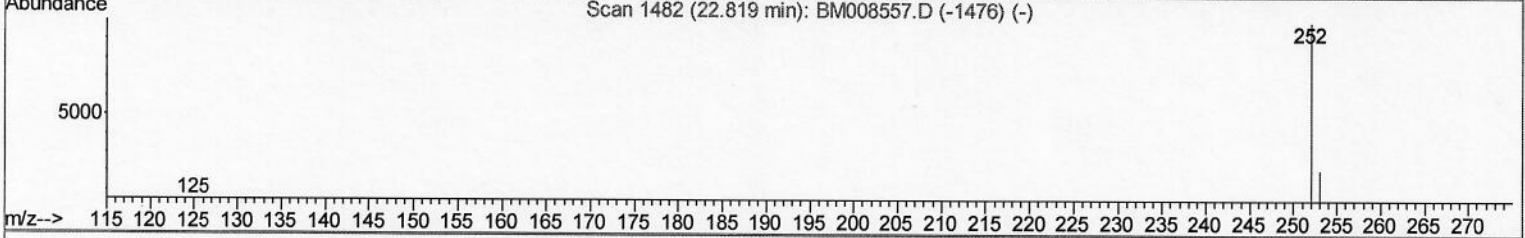
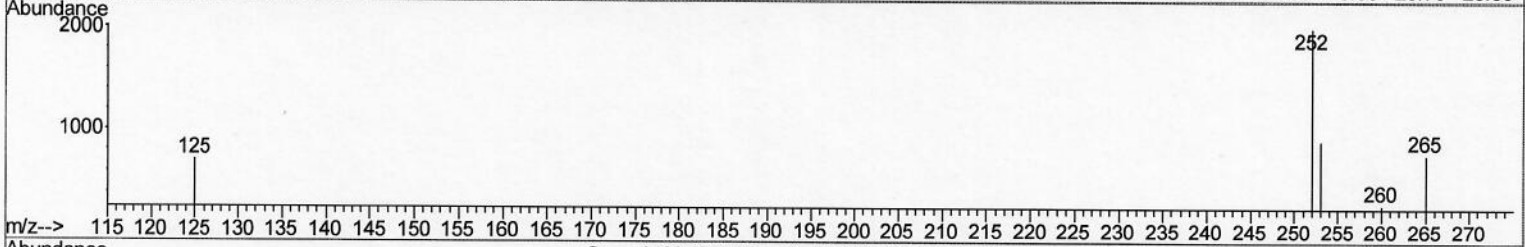
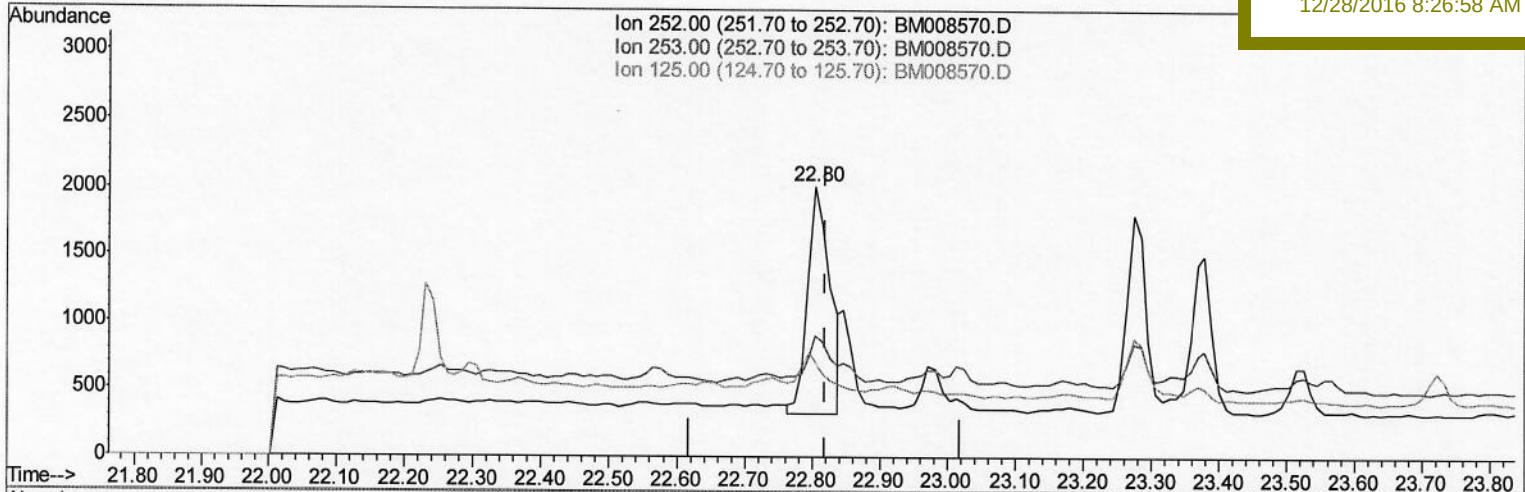
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA850DL

Manual Integrations
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Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration



TIC: BM008570.D

(21) Benzo(b)fluoranthene

22.805min (-0.014) 0.43ng/ul m

response 3924

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	44.67
125.00	17.50	34.99
0.00	0.00	0.00

SJ
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Quantitation Report (Qedit)

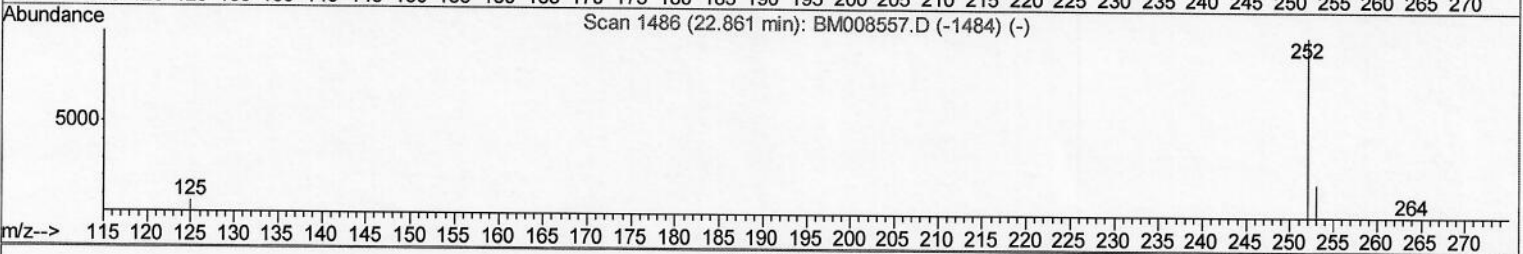
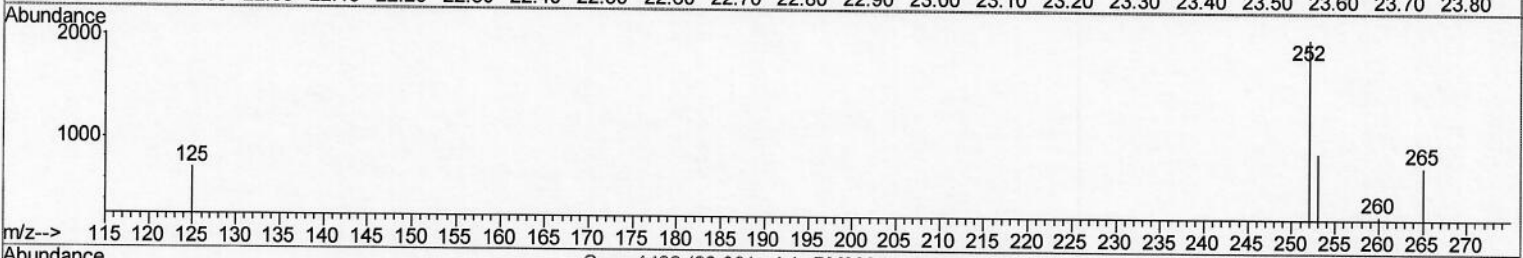
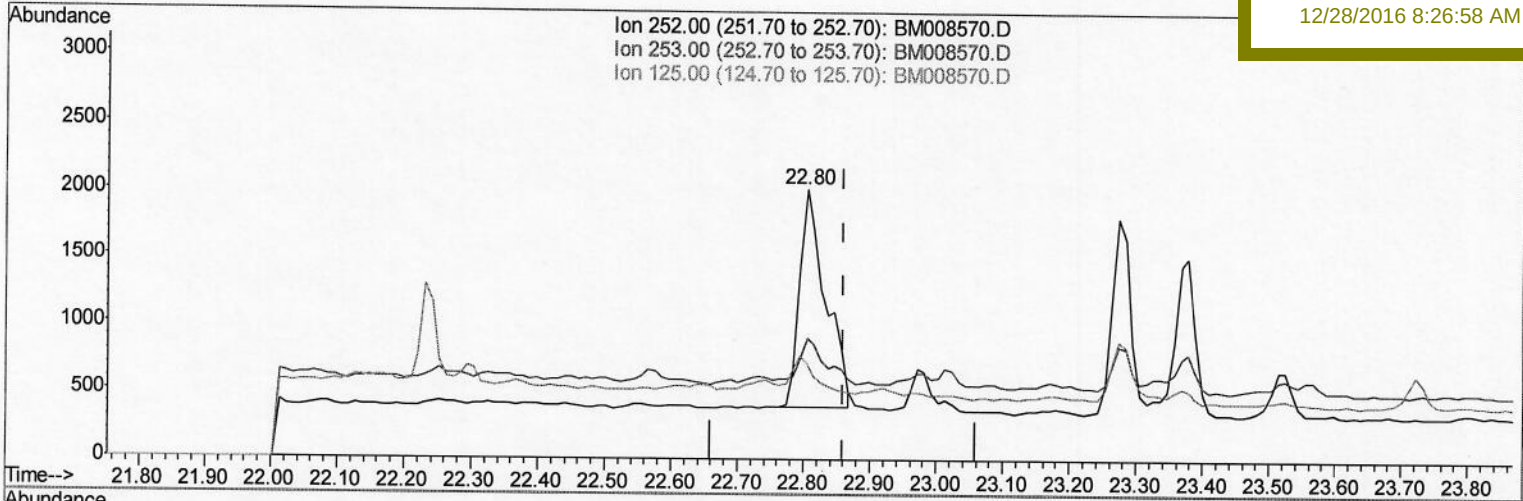
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 DA850DL

Manual Integrations
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(22) Benzo(k)fluoranthene
 22.805min (-0.056) 0.50ng/ul
 response 4439

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	44.67#
125.00	17.10	34.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

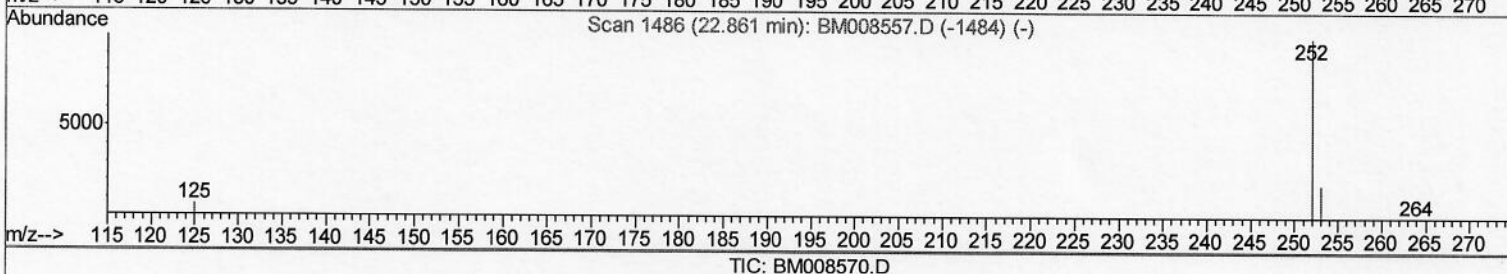
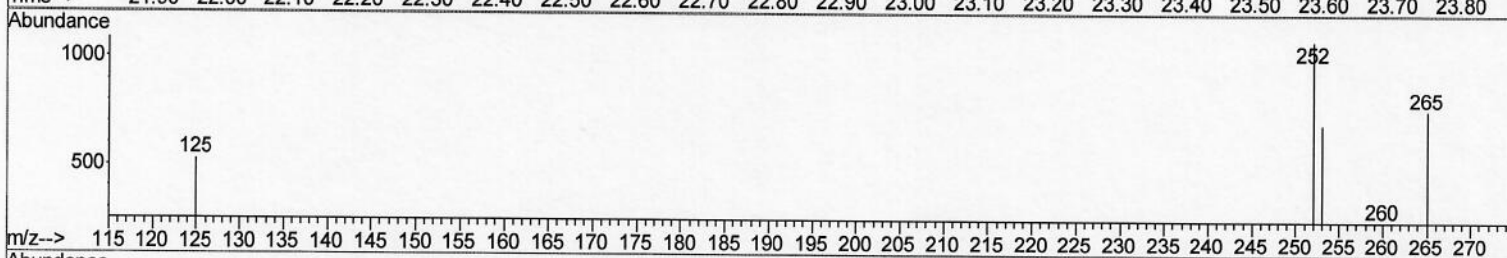
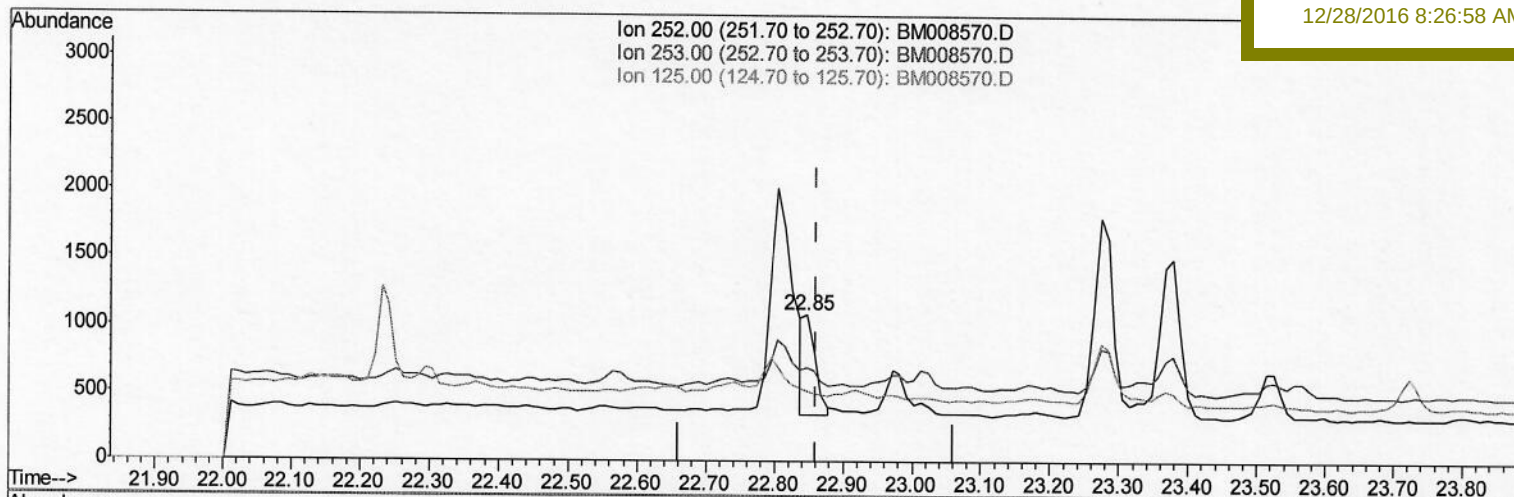
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
Data File : BM008570.D
Acq On : 22 Dec 2016 23:52
Operator : UM/SJ
Sample : H5970-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 27 04:51:48 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA850DL

Manual Integrations
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(22) Benzo(k)fluoranthene
22.847min (-0.014) 0.10ng/ul m
response 893

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	64.36#
125.00	17.10	48.43#
0.00	0.00	0.00

S.S
12/23/16

Quantitation Report (Qedit)

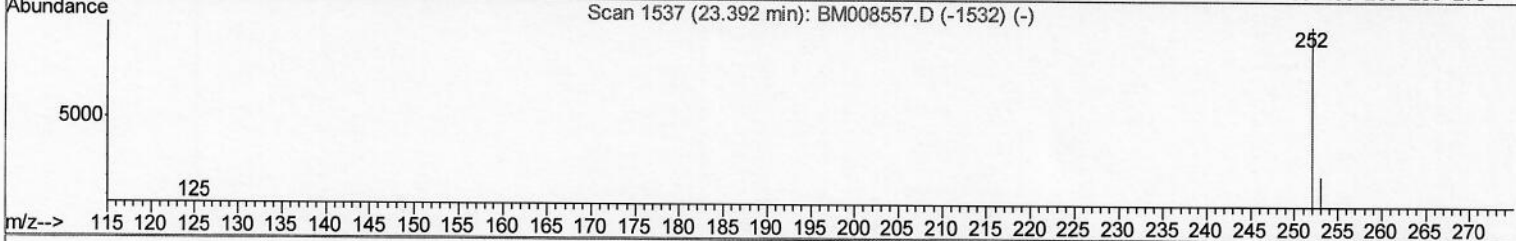
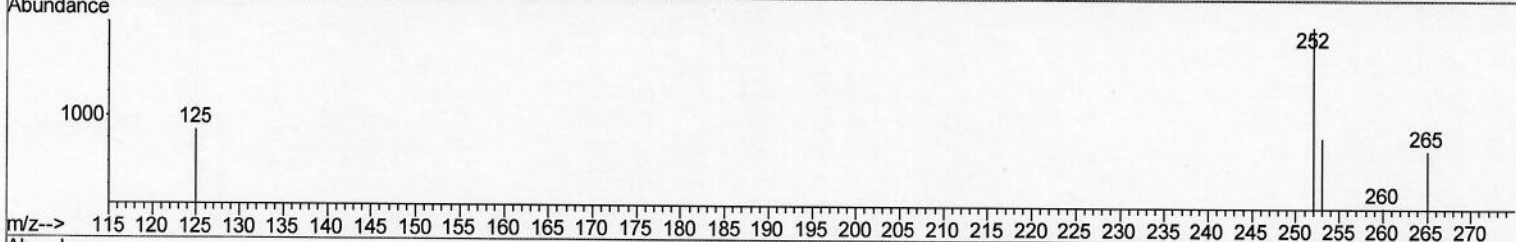
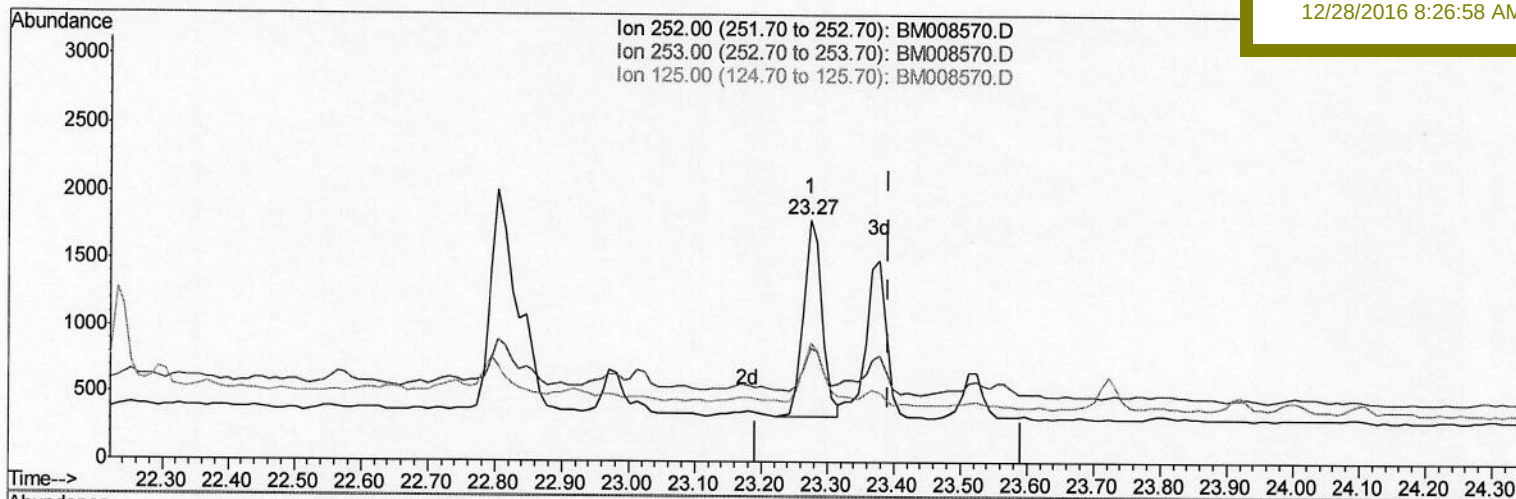
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA850DL

Manual Integrations
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(23) Benzo(a)pyrene (C)
 23.274min (-0.118) 0.33ng/ul
 response 2820

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	46.87#
125.00	22.60	48.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

DA850DL

Quant Time: Dec 27 07:16:14 2016

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

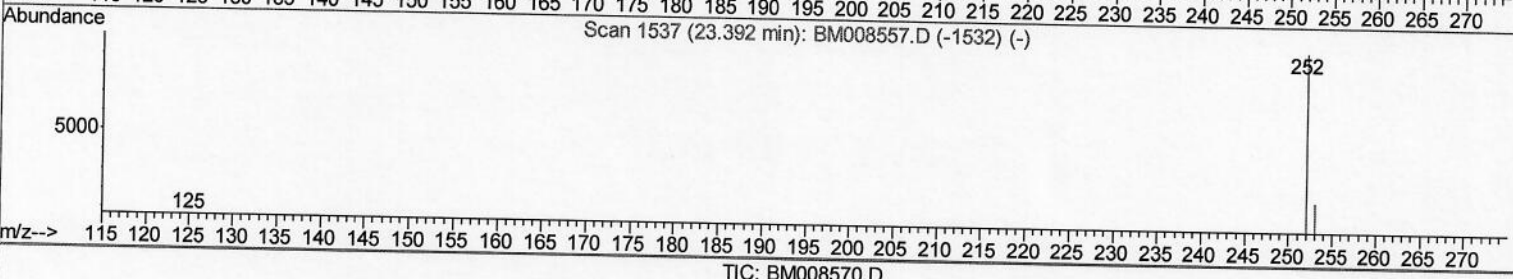
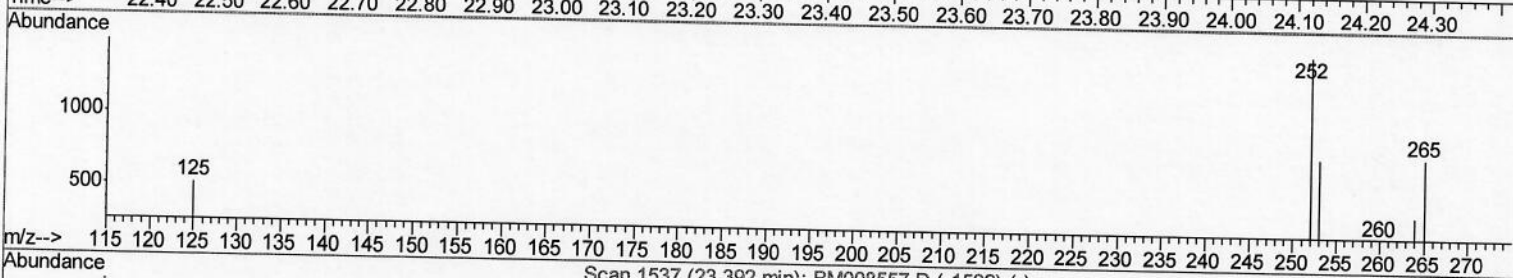
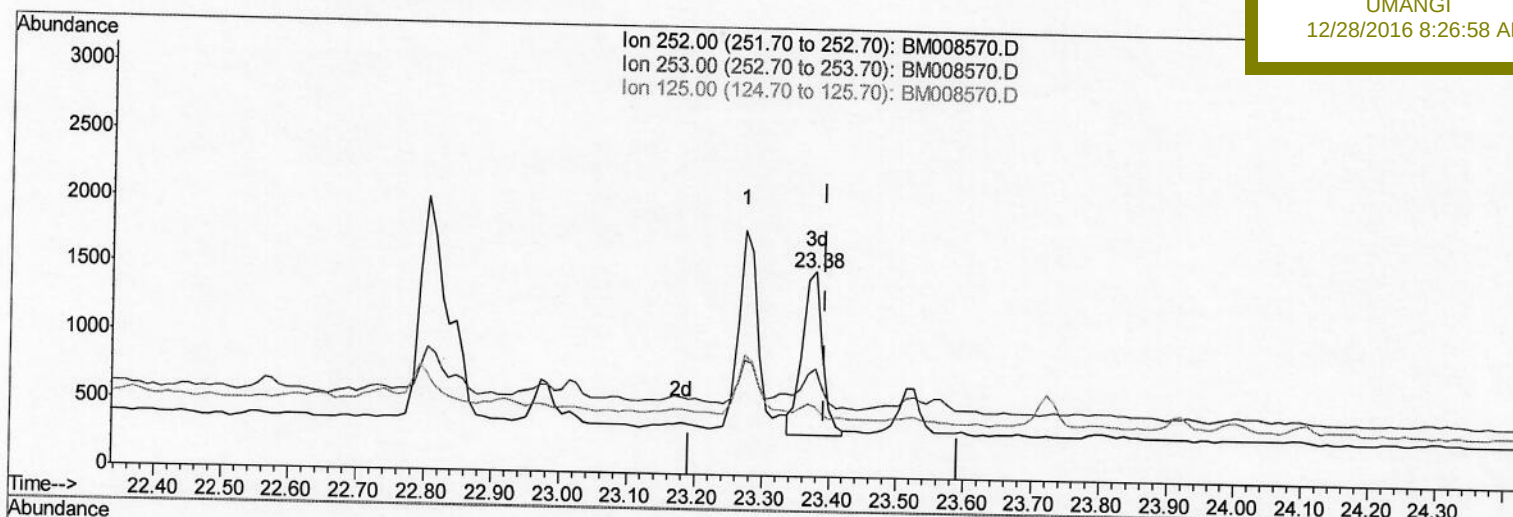
QLast Update : Tue Dec 27 04:51:48 2016

Response via : Initial Calibration

Manual Integrations
 APPROVED

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(23) Benzo(a)pyrene (C)

23.378min (-0.014) 0.30ng/ul m

response 2503

Ion Exp% Act%

252.00 100 100

253.00 35.60 52.47#

125.00 22.60 34.07#

0.00 0.00 0.00

S-S
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Quantitation Report (Qedit)

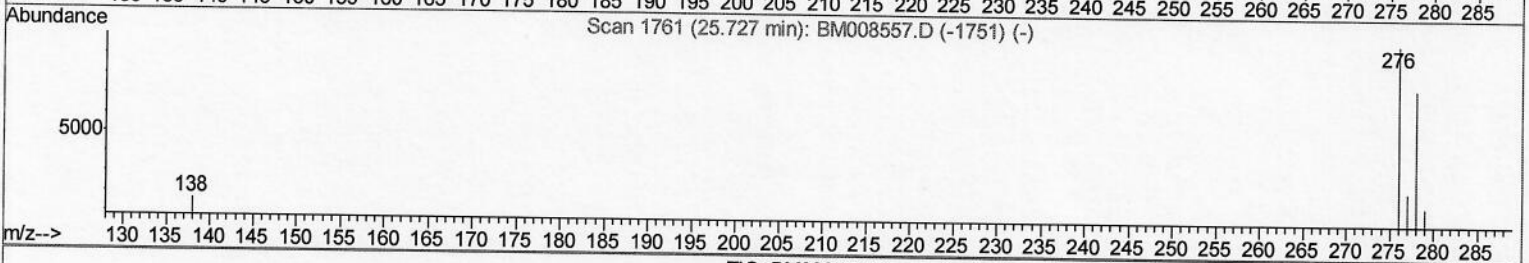
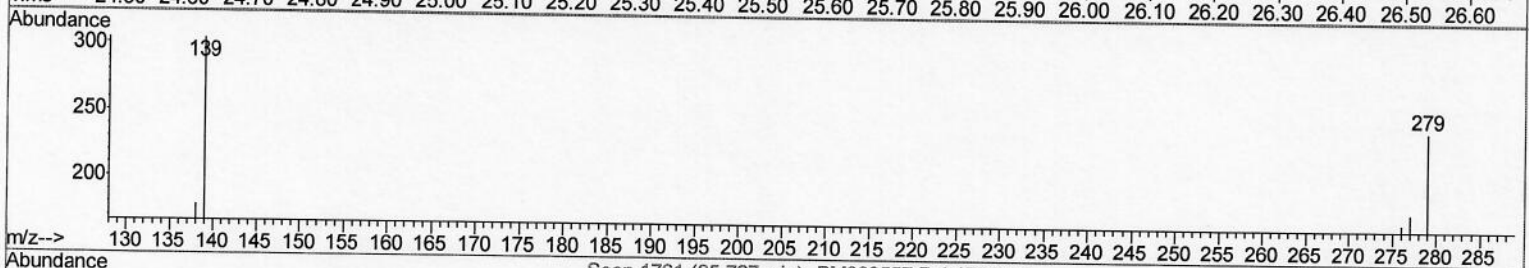
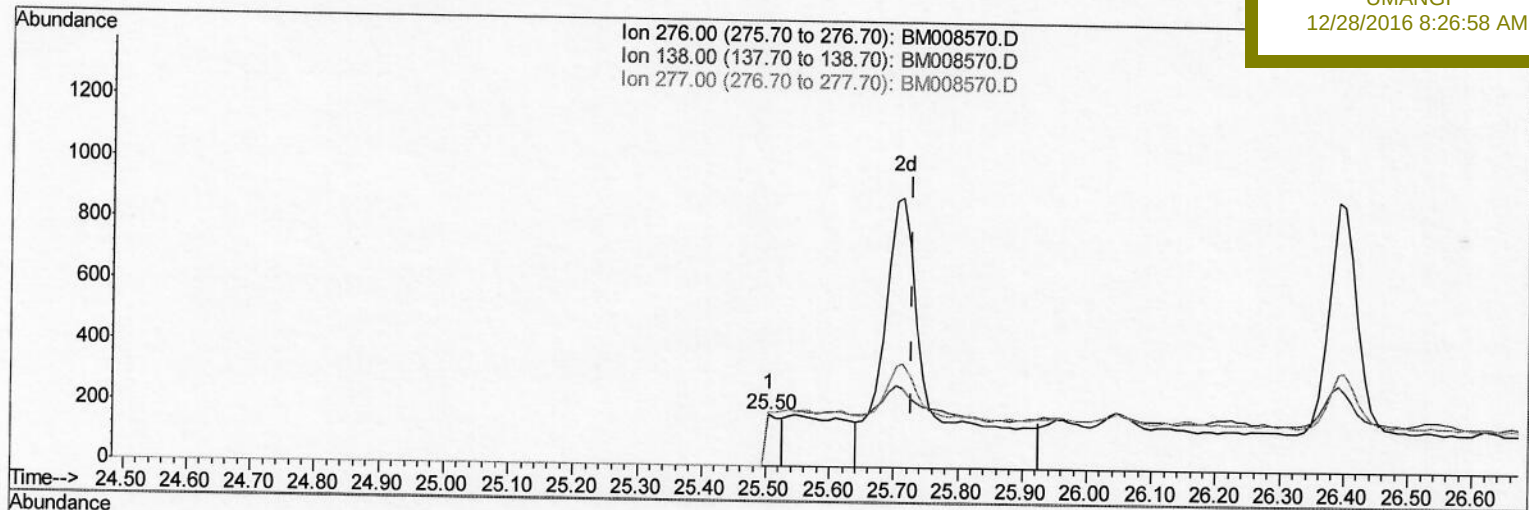
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA850DL

Manual Integrations
APPROVED

UMANGI
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Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration



TIC: BM008570.D

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

25.505min (-0.222) 0.14ng/ul

response 1408

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)

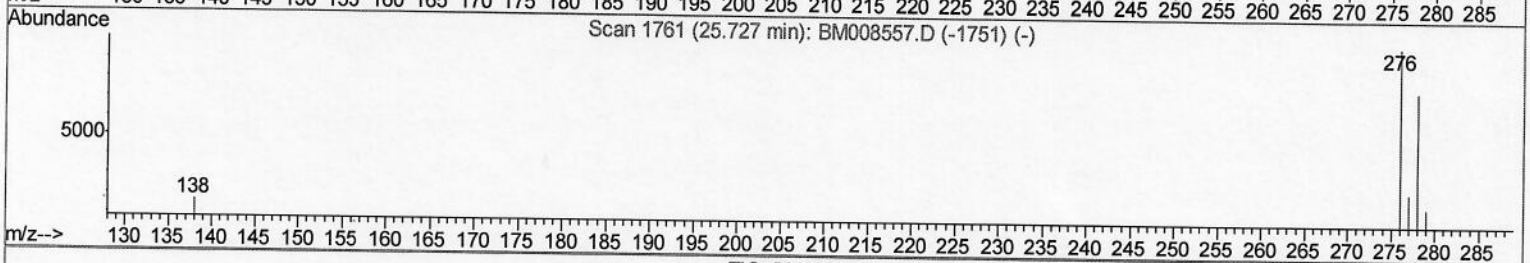
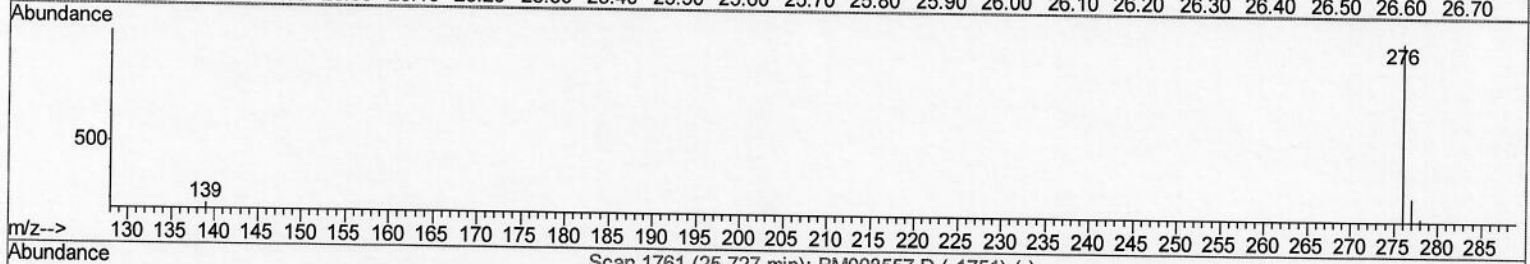
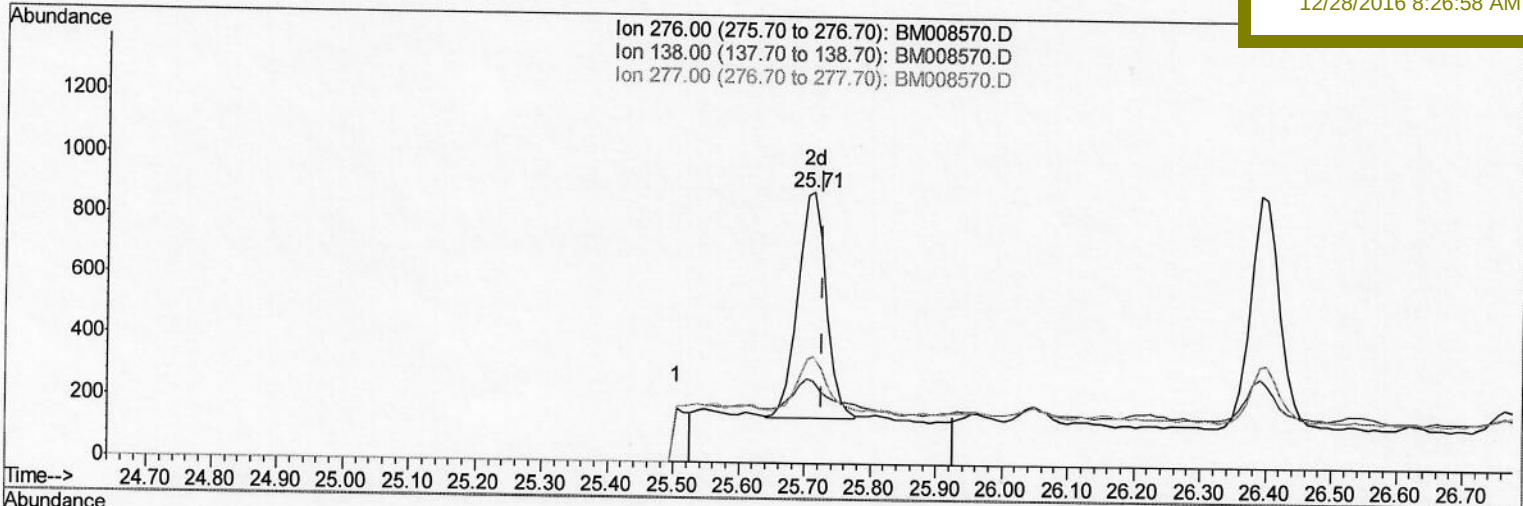
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

UMANGI
 12/28/2016 8:26:58 AM



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

25.713min (-0.014) 0.22ng/ul m

response 2242

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.S
12/23/16

Quantitation Report (Qedit)

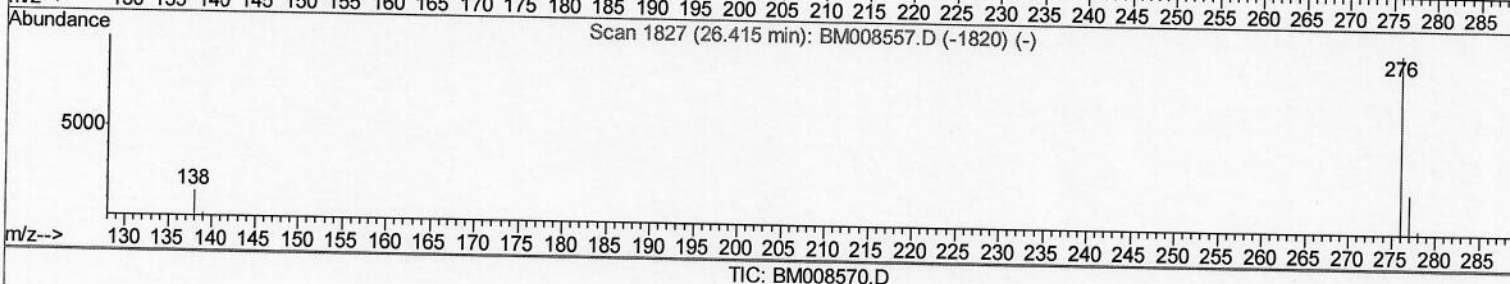
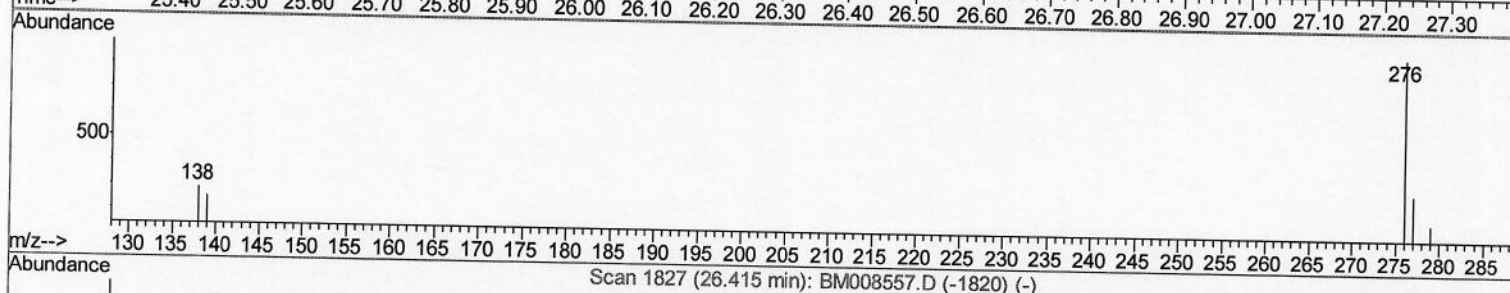
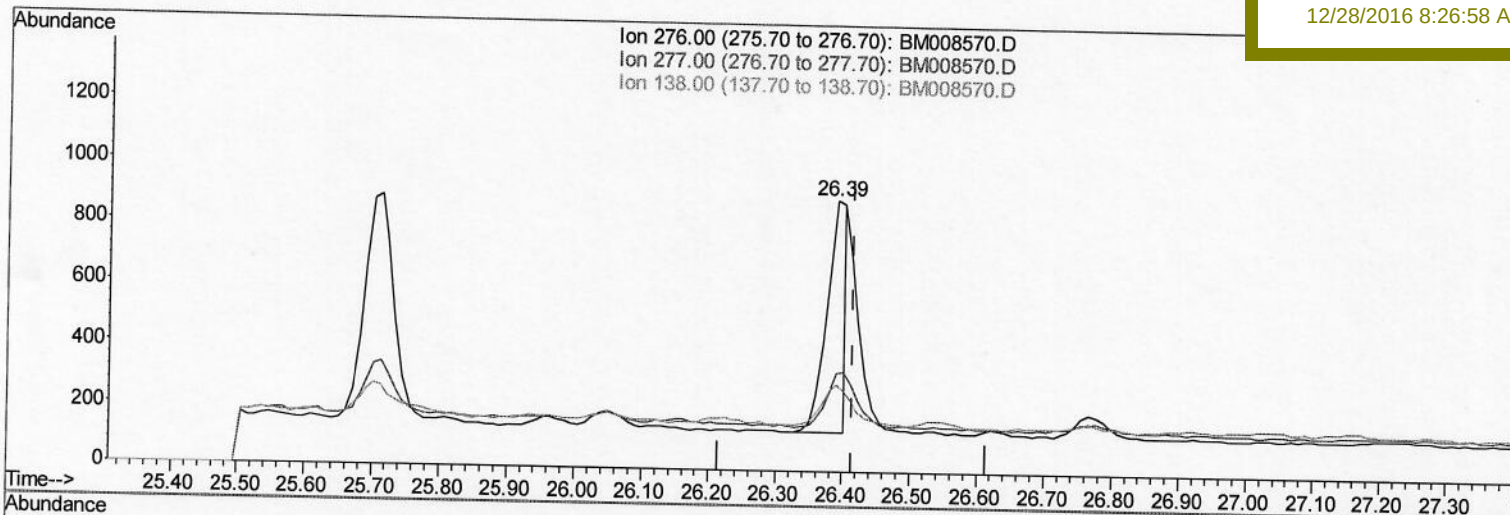
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Manual Integrations
 APPROVED

UMANGI
 12/28/2016 8:26:58 AM

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration



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

26.391min (-0.024) 0.18ng/ul

response 1569

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	36.84#
138.00	25.60	32.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

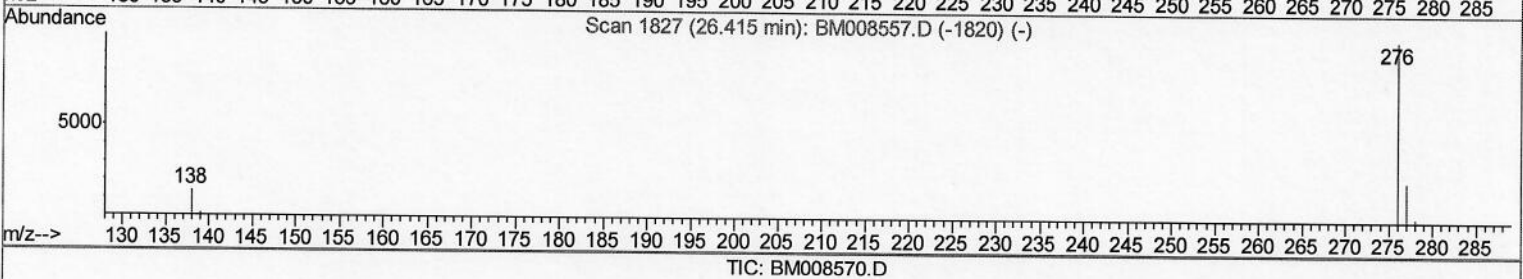
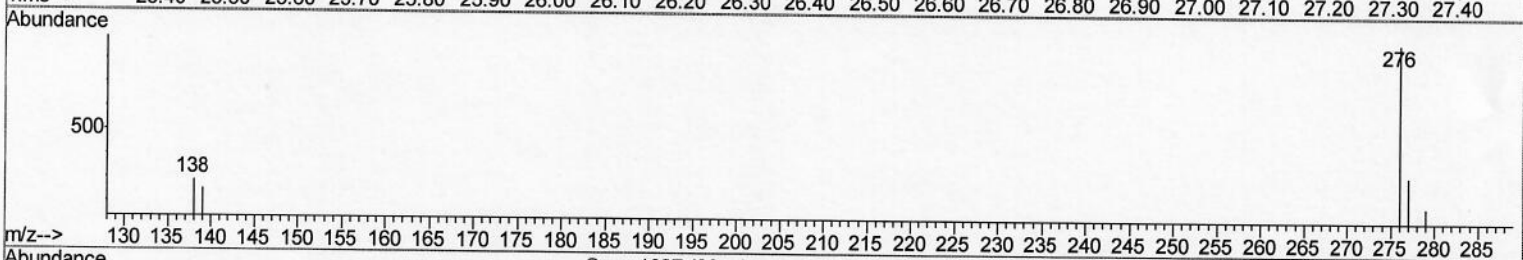
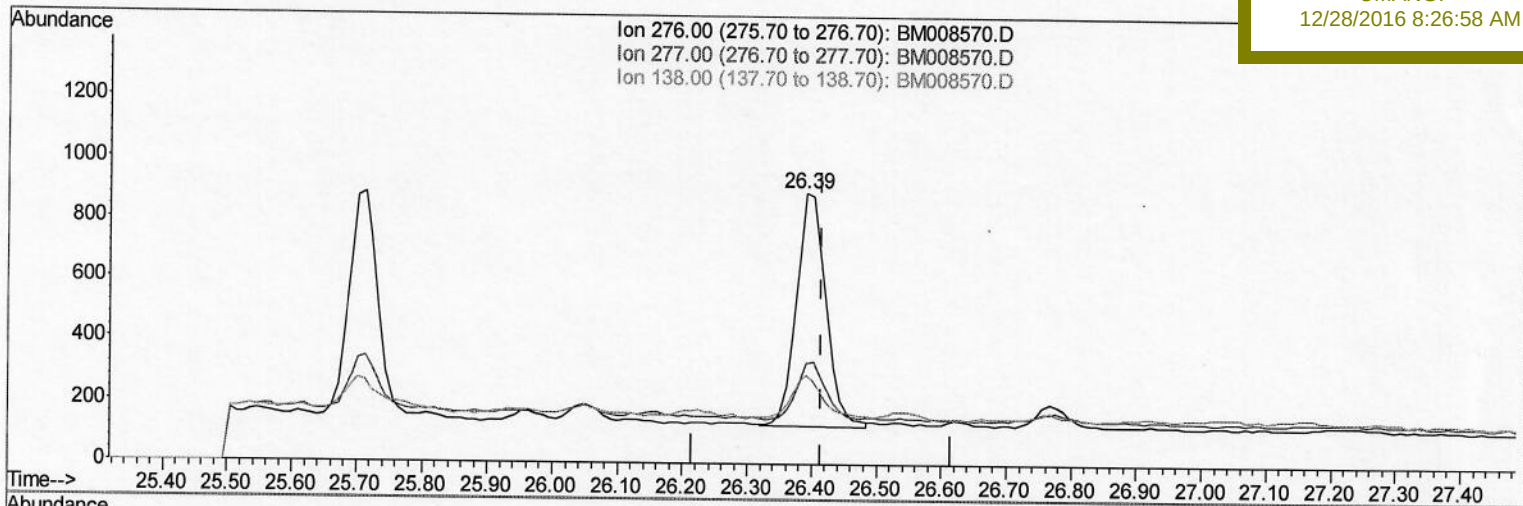
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 27 07:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Manual Integrations
 APPROVED

UMANGI
 12/28/2016 8:26:58 AM



(26) Benzo(g,h,i)perylene
 26.391min (-0.024) 0.28ng/ul m
 response 2448

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	36.84#
138.00	25.60	32.47#
0.00	0.00	0.00

S.S
12/23/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Quant Time: Dec 27 07:24:03 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 27 04:51:48 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

UMANGI
 12/28/2016 8:26:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	652	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	2236	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	1581m ↗	0.40	ng/ul	-0.02
10) Phenanthrene-d10	16.99	188	4446	0.40	ng/ul	-0.09
16) Chrysene-d12	21.25	240	2598m ↗	0.40	ng/ul	-0.01
20) Perylene-d12	23.47	264	2321m ↗	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	320	0.09	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	571m ↗	0.05	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.46	128	9772	1.55	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	22001	5.20	ng/ul	100
8) Acenaphthene	14.35	153	1984m ↗	0.37	ng/ul	
9) Fluorene	15.34	166	4235m ↗	0.69	ng/ul	
12) Phenanthrene	17.07	178	16110	1.19	ng/ul	99
13) Anthracene	17.18	178	2994m ↗	0.23	ng/ul	
15) Fluoranthene	19.11	202	7082	0.43	ng/ul	86
17) Pyrene	19.47	202	9587m ↗	0.95	ng/ul	
18) Benzo(a)anthracene	21.23	228	3123m ↗	0.37	ng/ul	
19) Chrysene	21.28	228	3378m ↗	0.36	ng/ul	
21) Benzo(b)fluoranthene	22.80	252	3924m ↗	0.43	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	893m ↗	0.10	ng/ul	
23) Benzo(a)pyrene	23.38	252	2503m ↗	0.30	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	2242m ↗	0.22	ng/ul	
26) Benzo(g,h,i)perylene	26.39	276	2448m ↗	0.28	ng/ul	

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

S.S
 12/25/16