

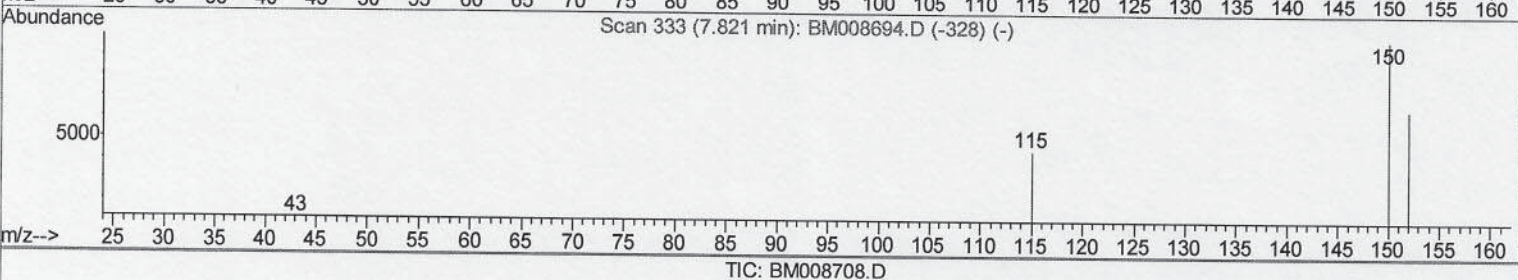
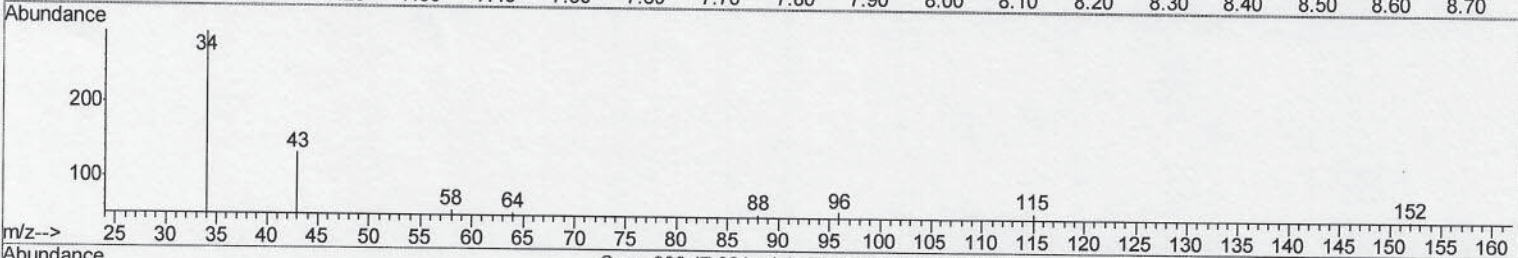
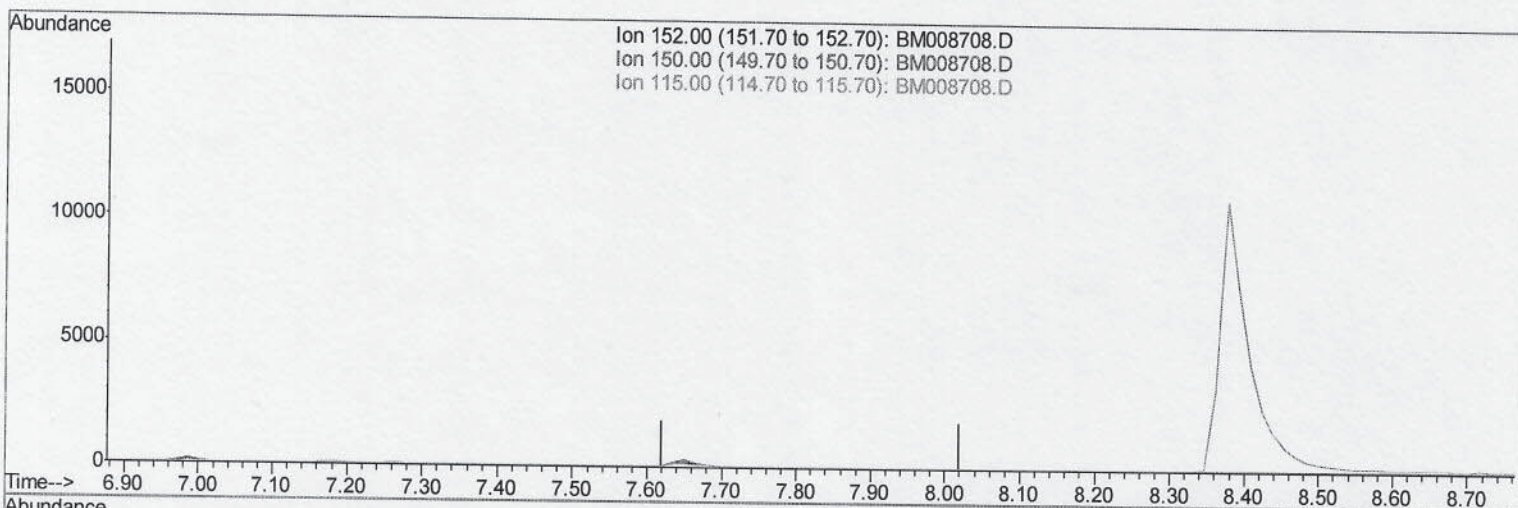
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

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

7.821min (-7.821) 0.00ng/ul

response 0

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

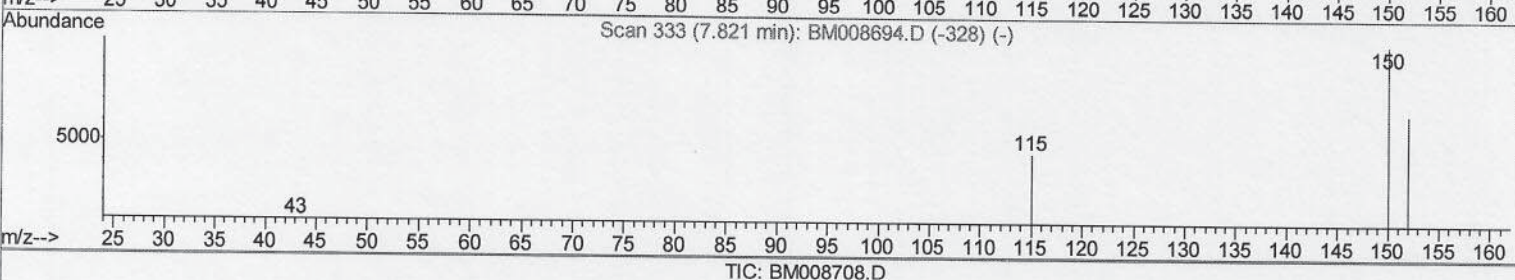
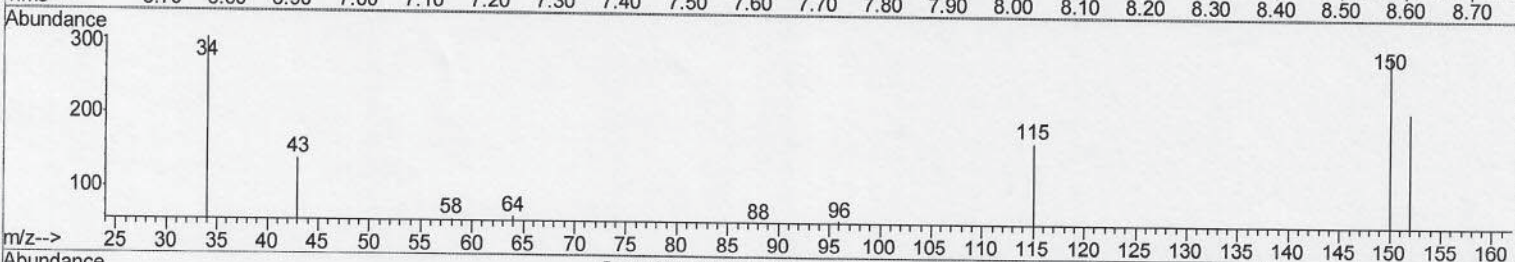
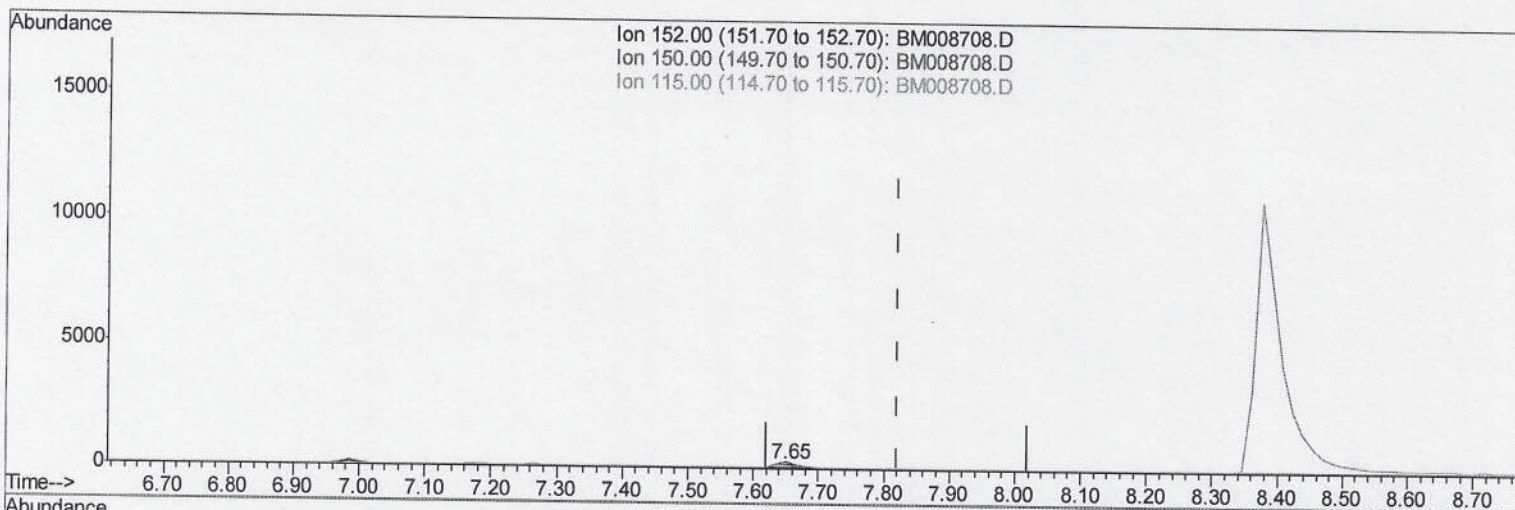
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

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

7.650min (-0.170) 0.40ng/ul m

response 489

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	137.26
115.00	64.90	78.77#
0.00	0.00	0.00

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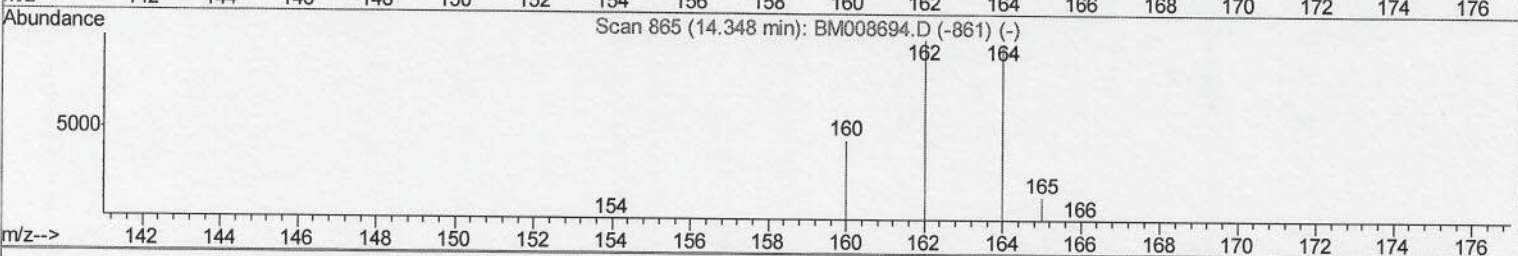
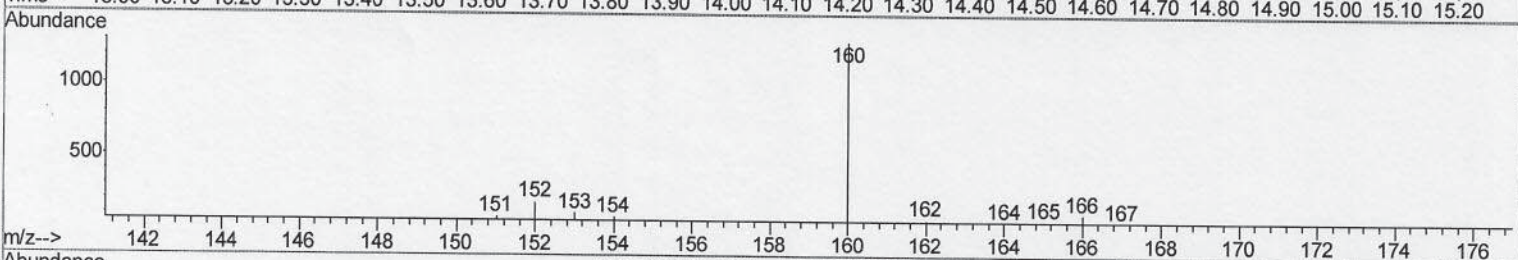
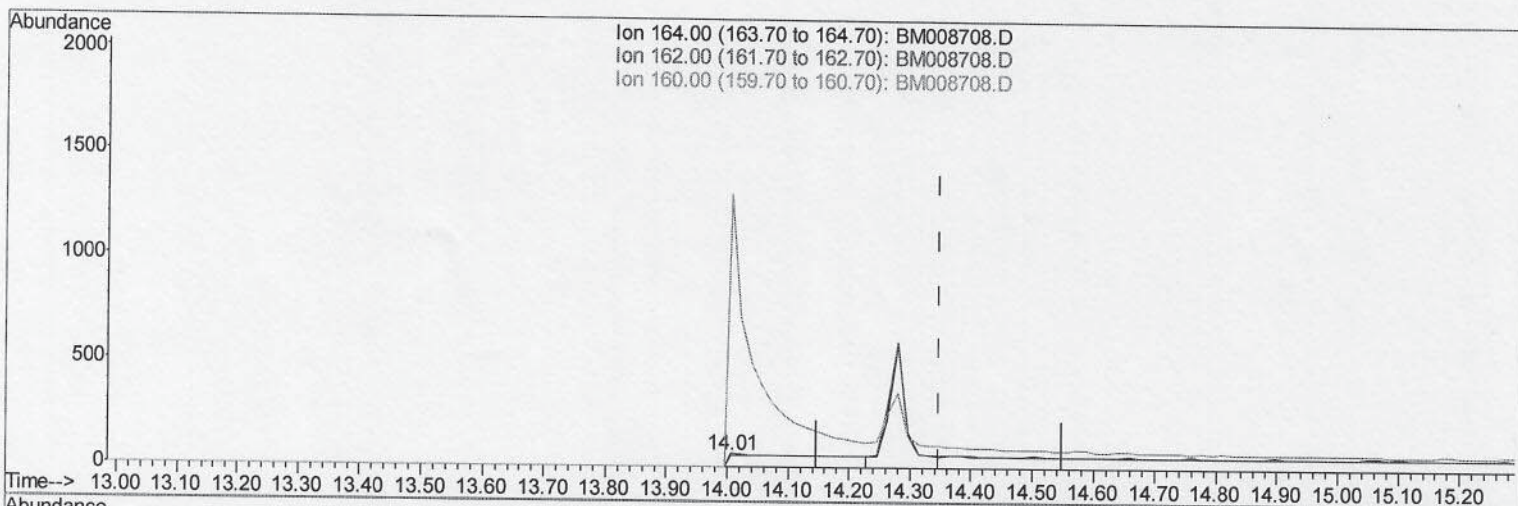
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(6) Acenaphthene-d10 (I)

14.006min (-0.343) 0.40ng/ui

response 721

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	118.52#
160.00	48.80	2414.81#
0.00	0.00	0.00

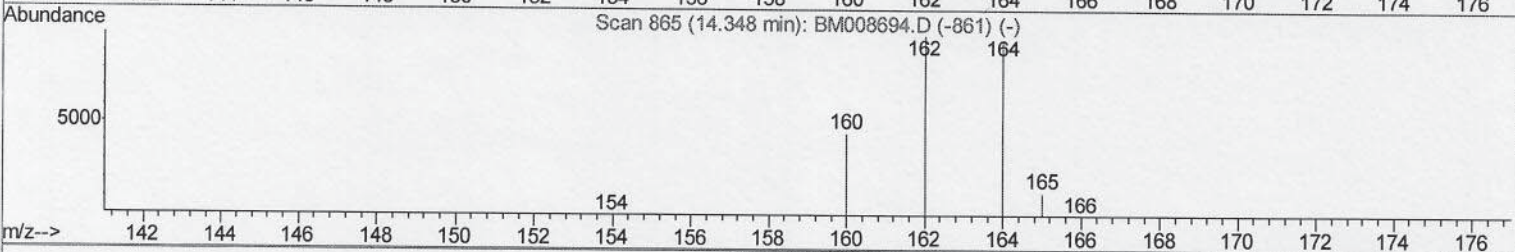
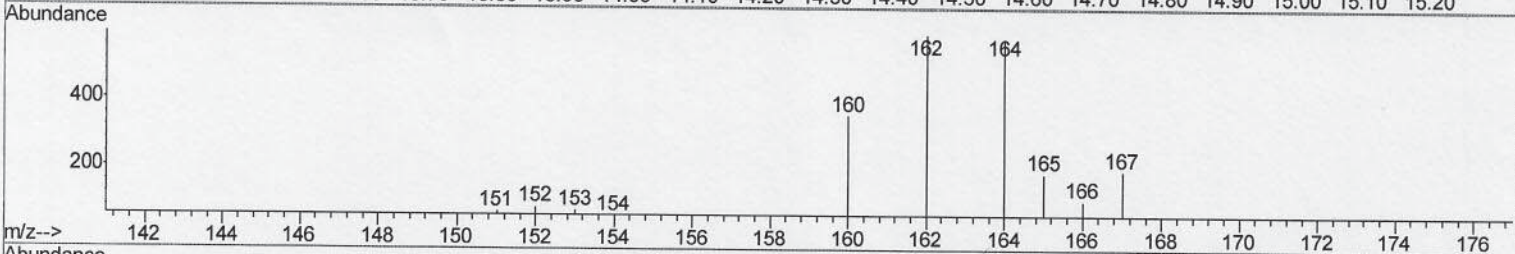
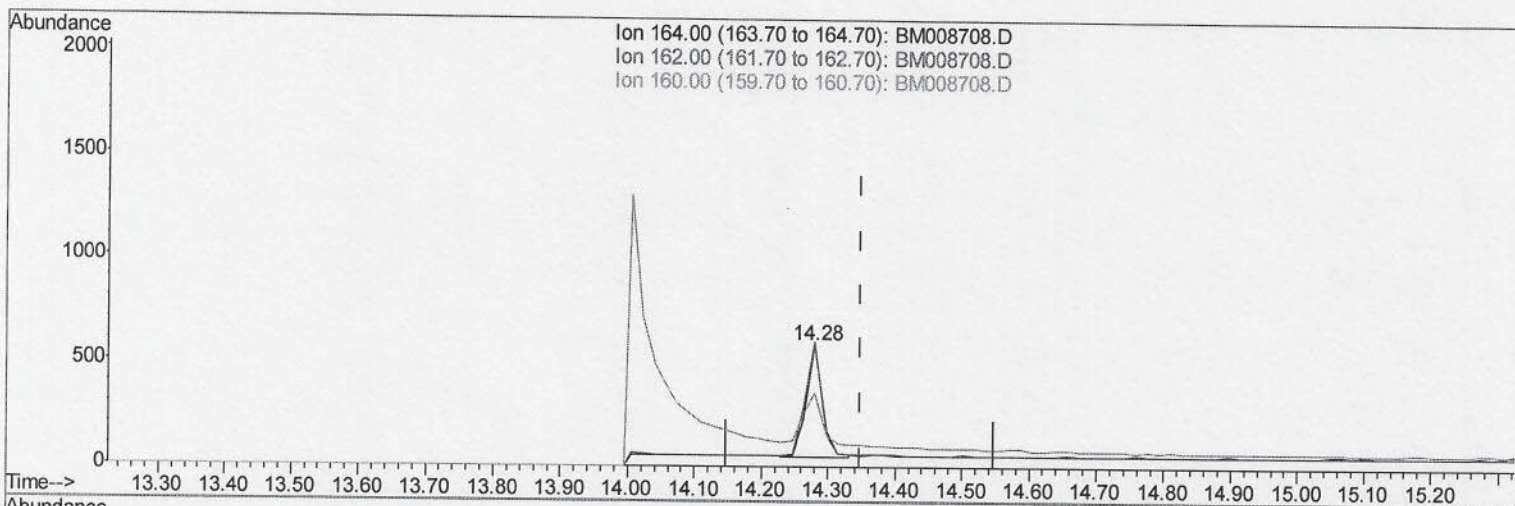
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

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TIC: BM008708.D

(6) Acenaphthene-d10 (I)

14.280min (-0.069) 0.40ng/ul m

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response 898

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	102.05
160.00	48.80	60.62#
0.00	0.00	0.00

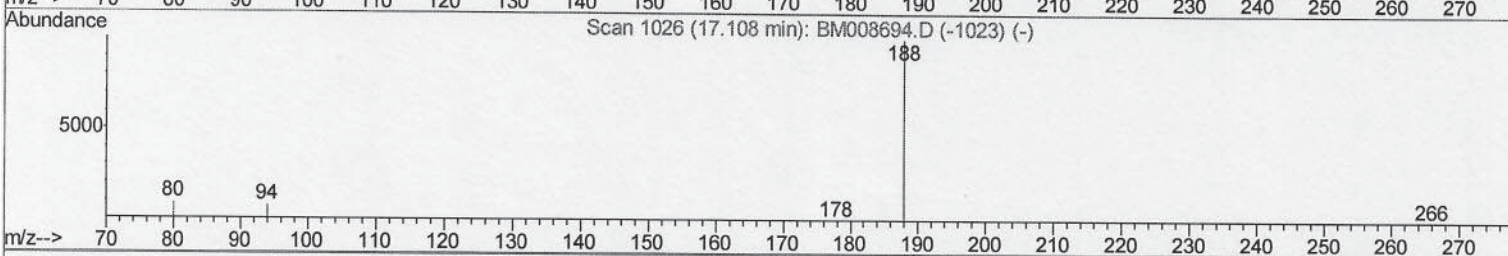
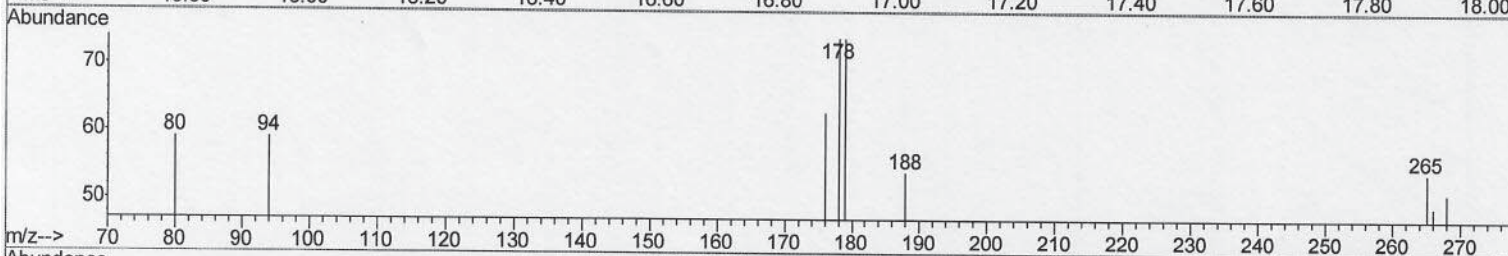
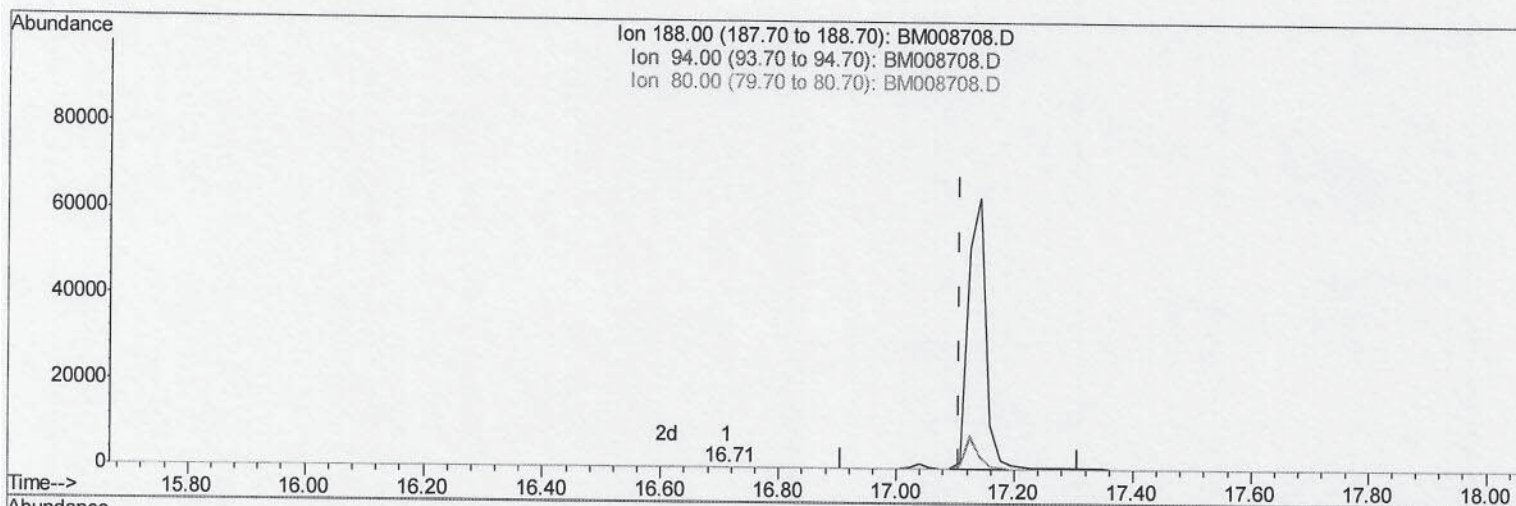
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(10) Phenanthrene-d10 (I)
 16.713min (-0.395) 0.40ng/ul
 response 11

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	109.26#
80.00	11.80	109.26#
0.00	0.00	0.00

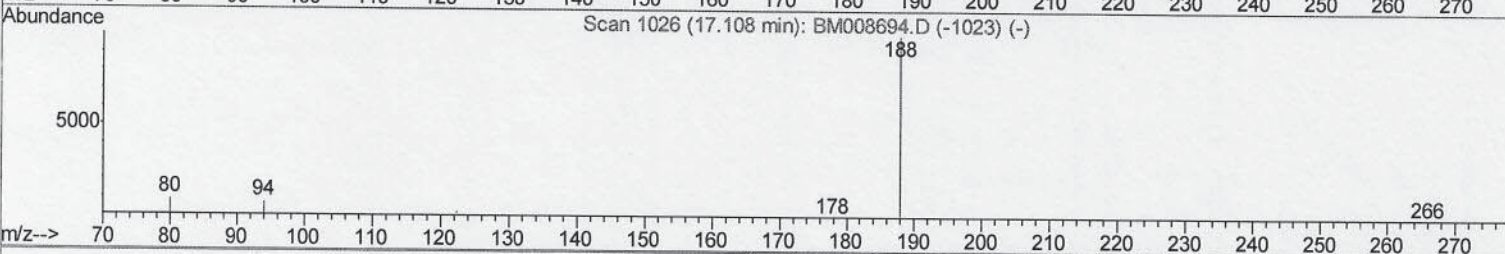
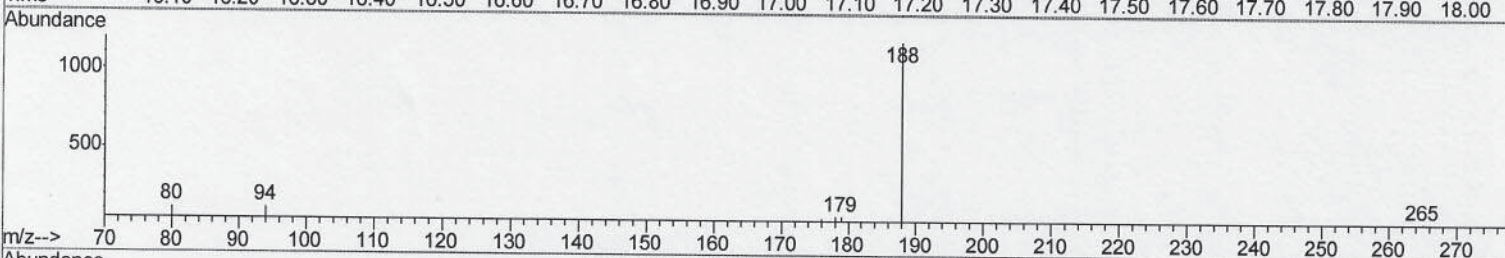
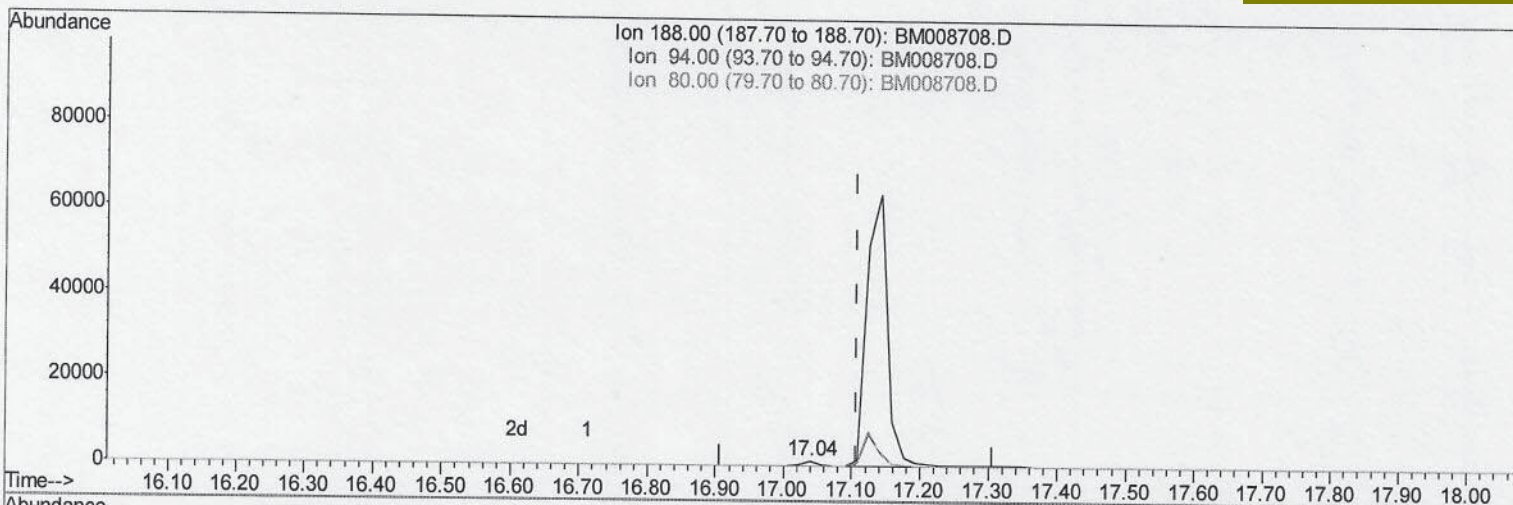
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(10) Phenanthrene-d10 (I)

17.039min (-0.069) 0.40ng/ul m

response 1719

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.86
80.00	11.80	9.94
0.00	0.00	0.00

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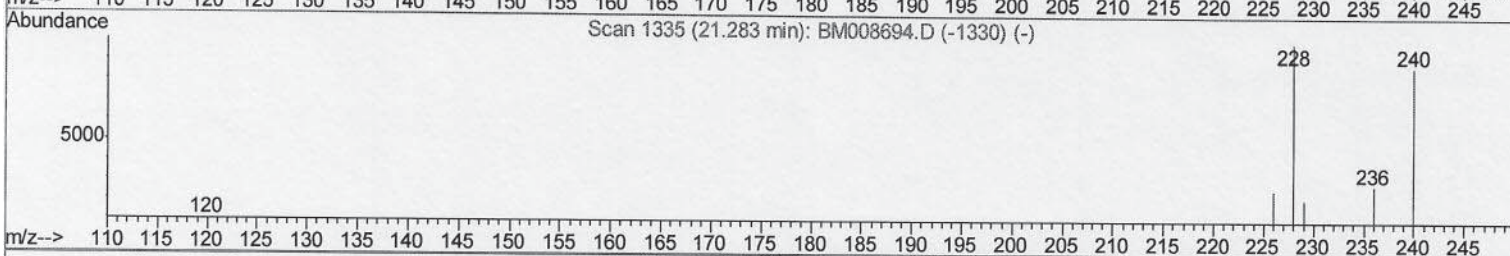
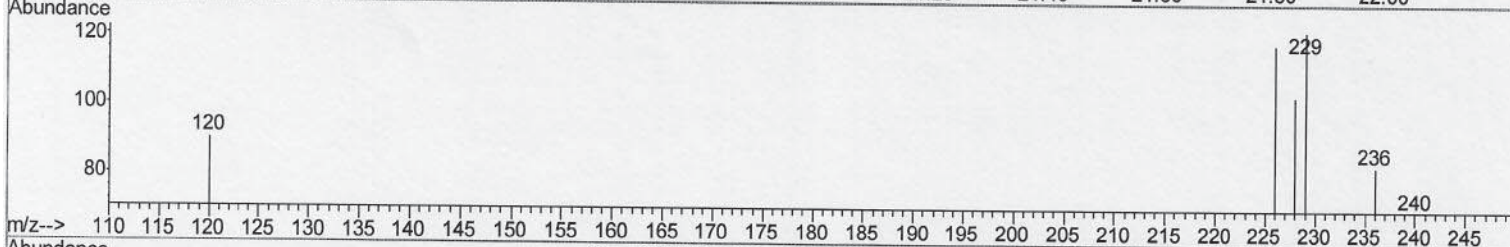
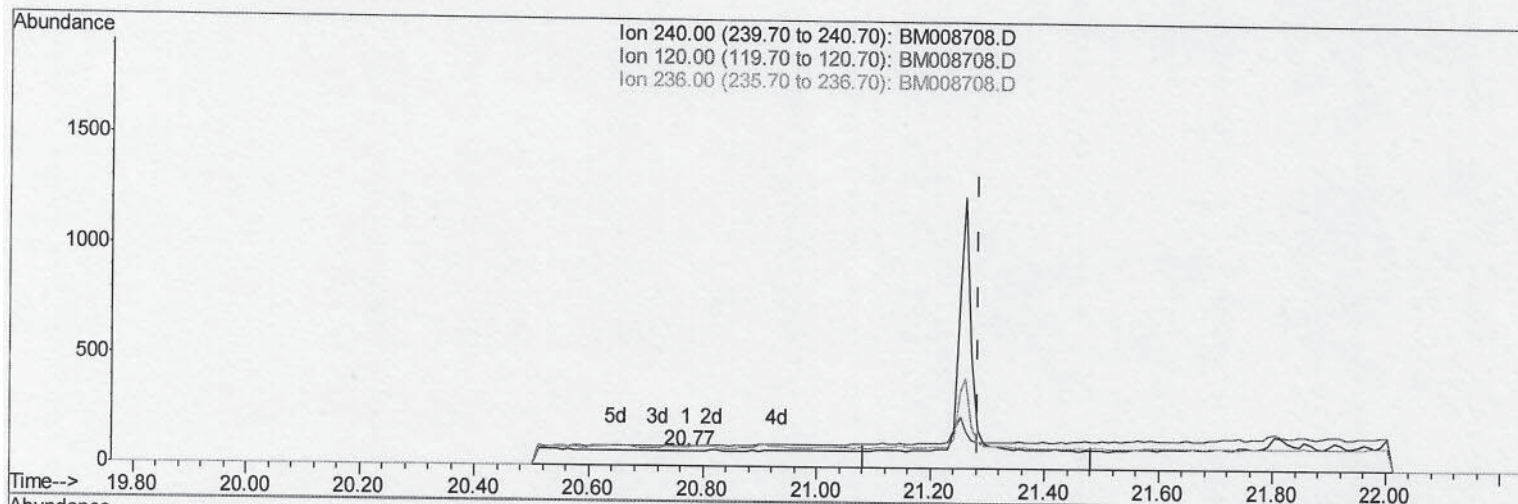
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM008708.D

(16) Chrysene-d12 (I)

20.772min (-0.511) 0.40ng/ul

response 1

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	128.57#
236.00	34.90	118.57#
0.00	0.00	0.00

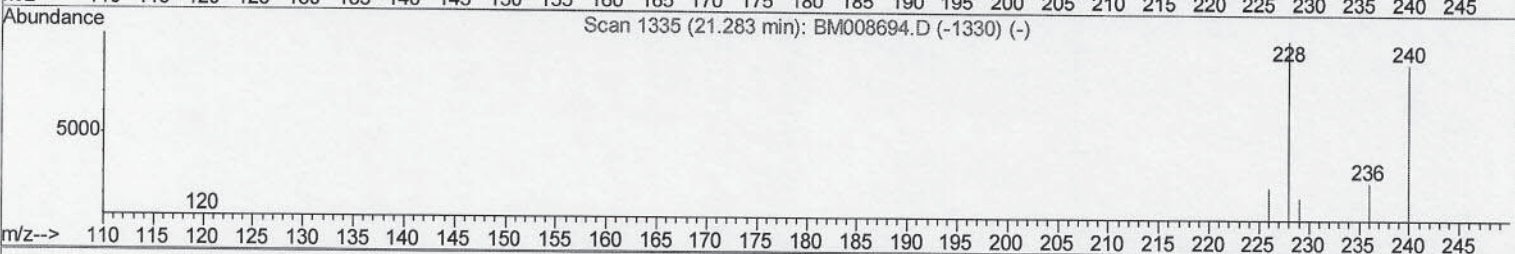
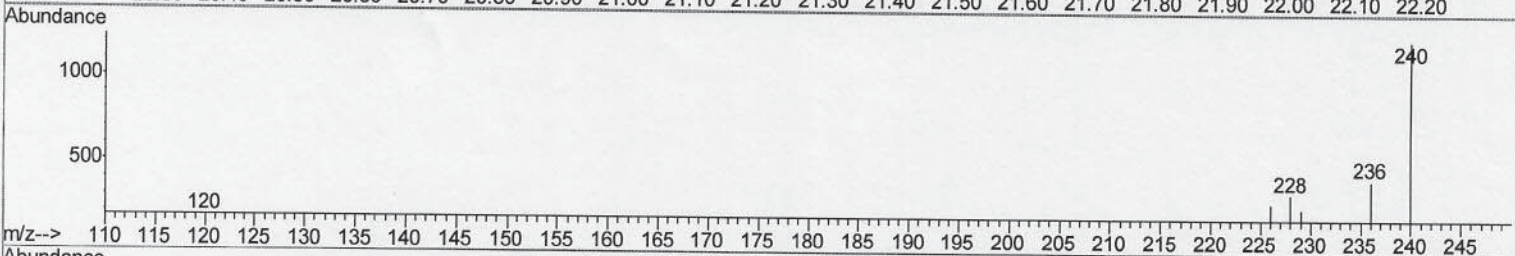
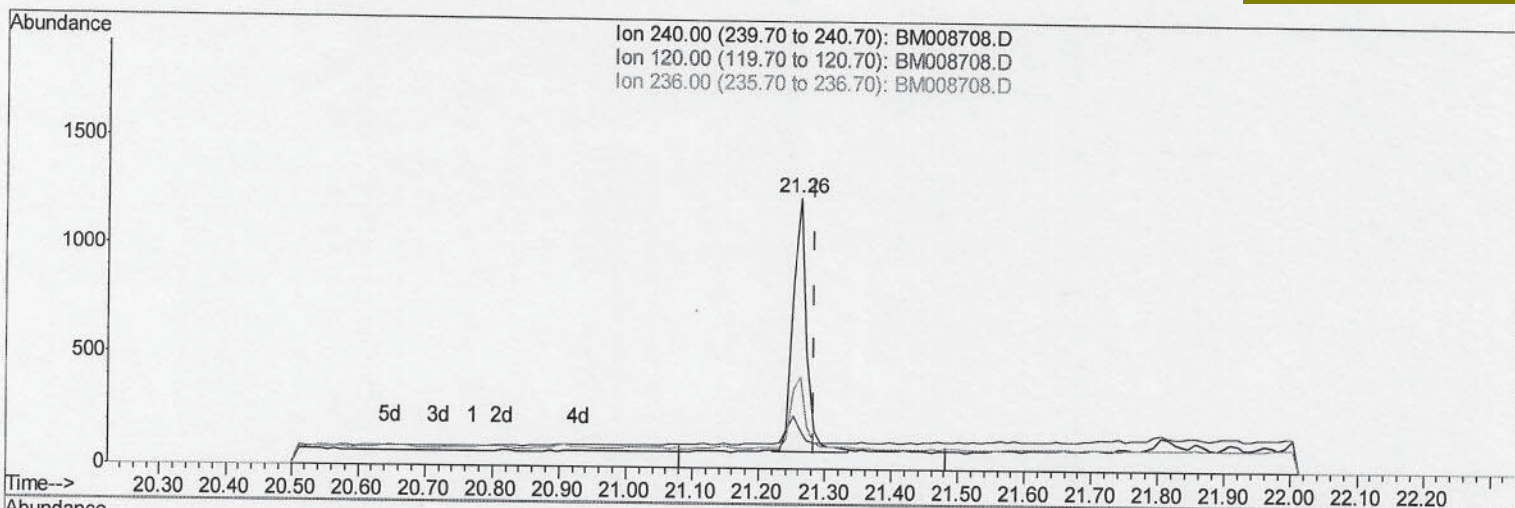
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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(16) Chrysene-d12 (I)

21.262min (-0.021) 0.40ng/ul m

response 1646

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	13.96#
236.00	34.90	33.09
0.00	0.00	0.00

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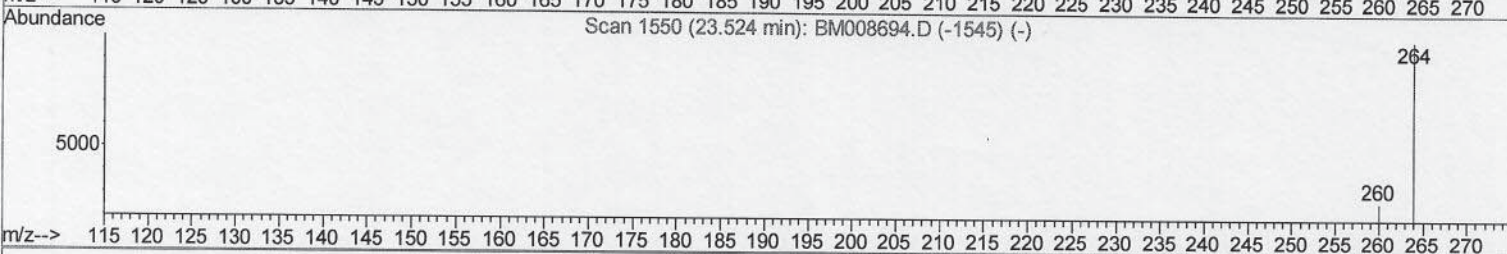
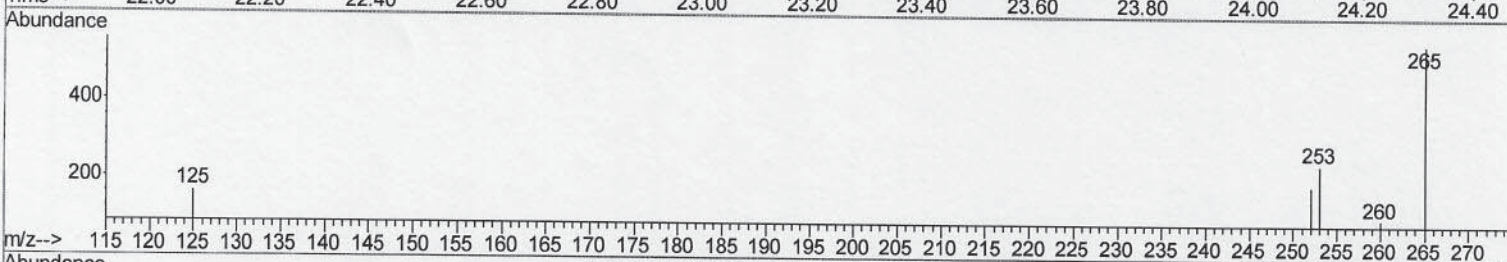
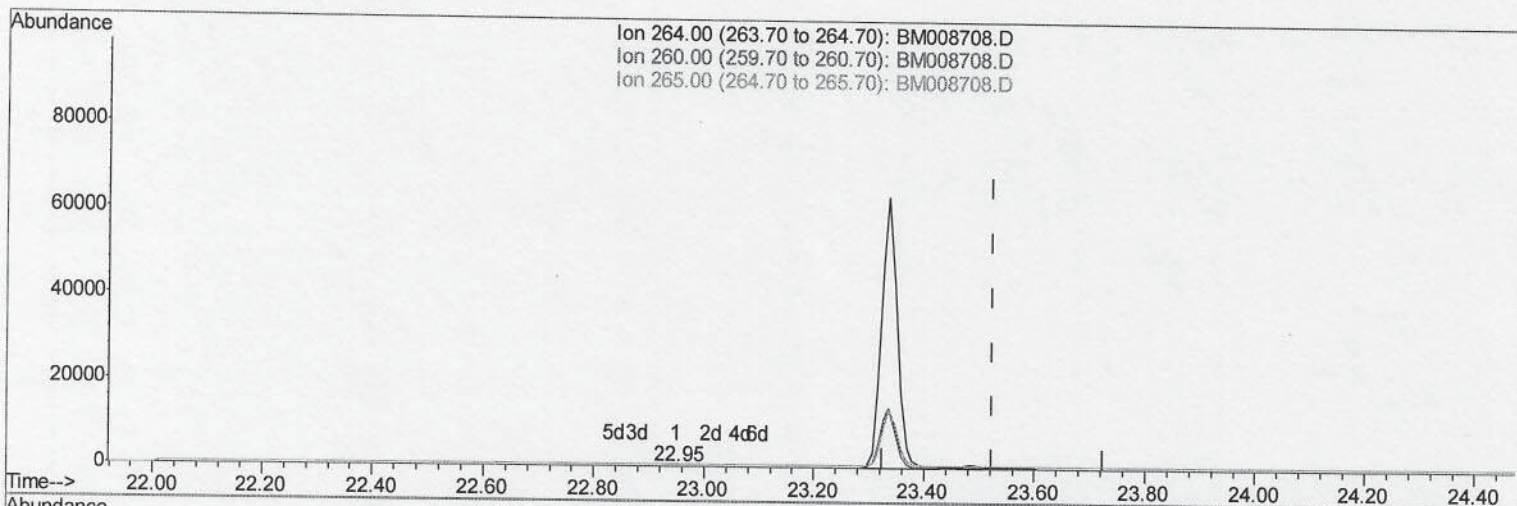
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(20) Perylene-d12 (I)

22.951min (-0.574) 0.40ng/ul

response 8

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	119.51#
265.00	103.50	680.49#
0.00	0.00	0.00

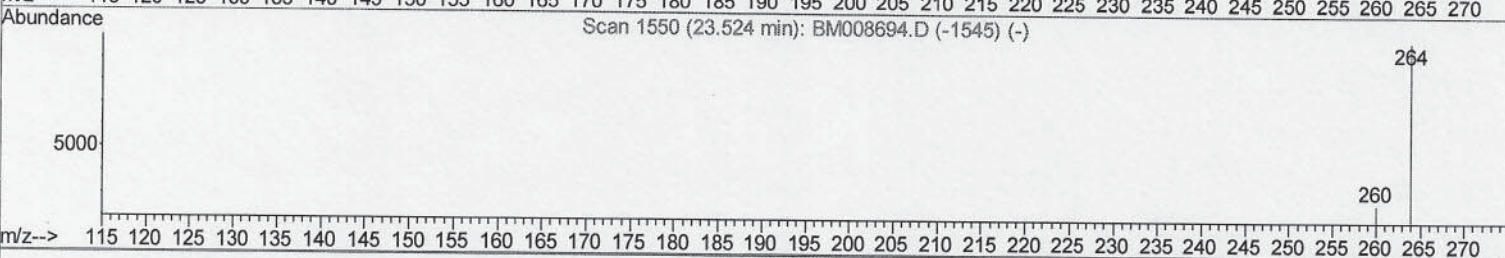
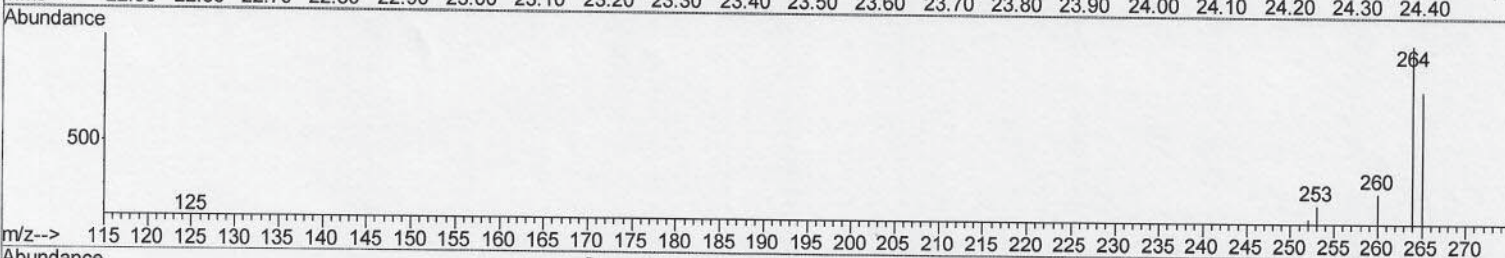
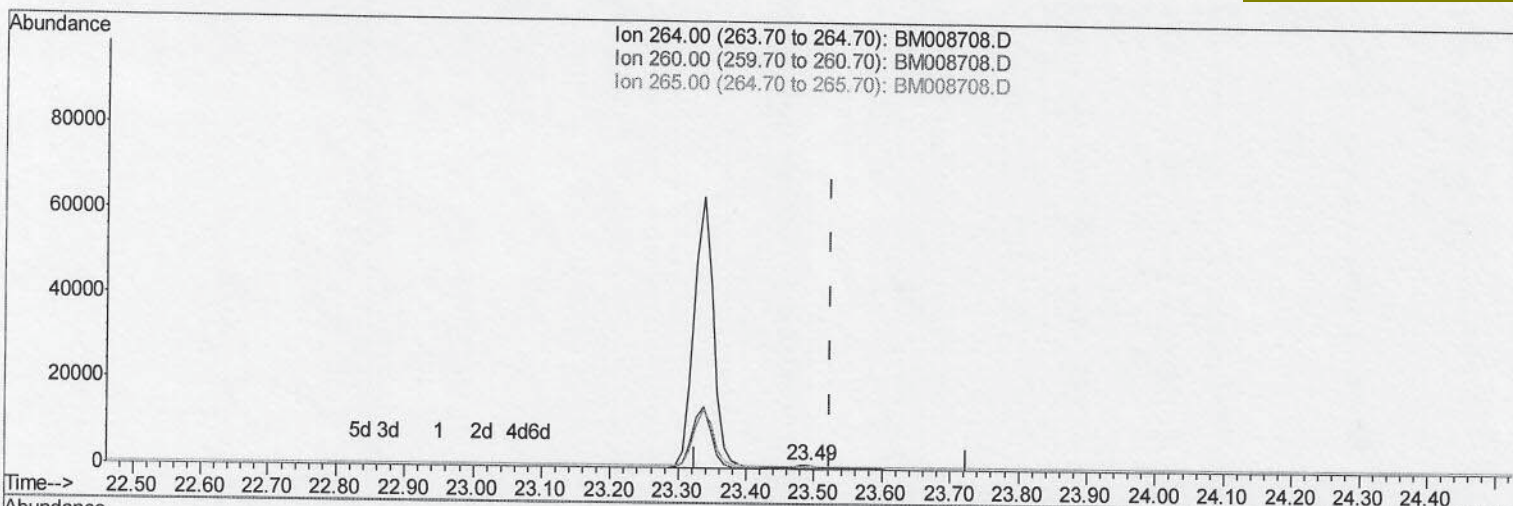
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(20) Perylene-d12 (I)

23.493min (-0.031) 0.40ng/ul m

response 1465

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.64
265.00	103.50	77.97#
0.00	0.00	0.00

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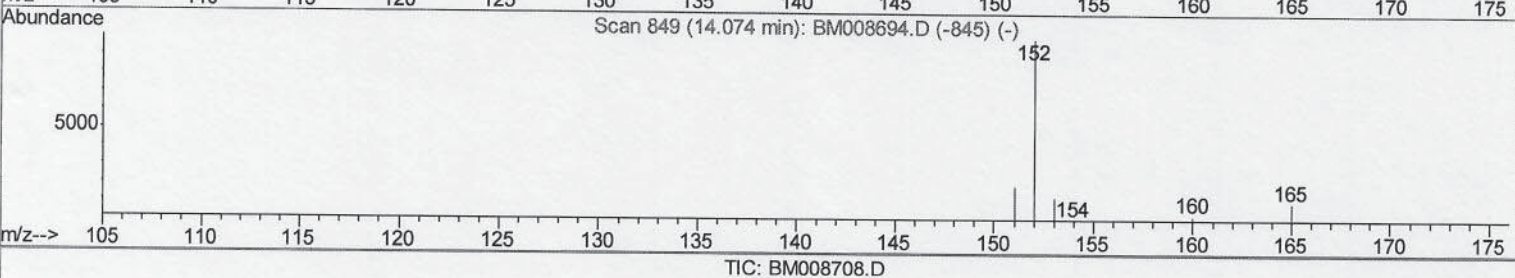
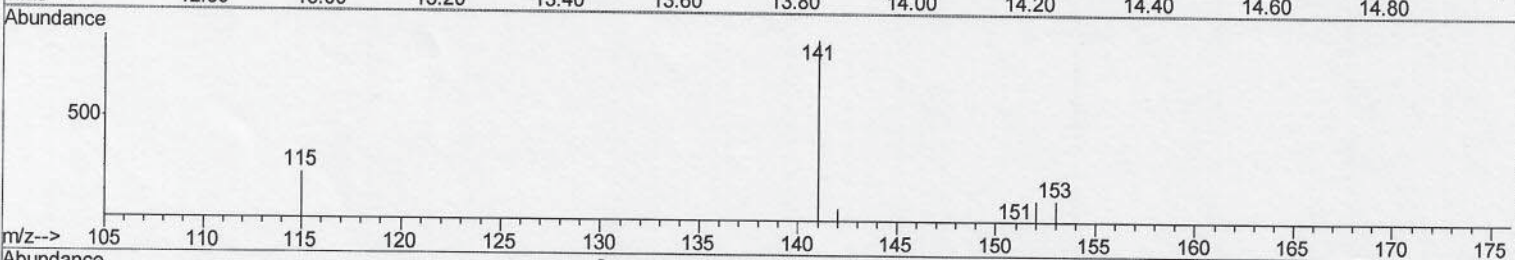
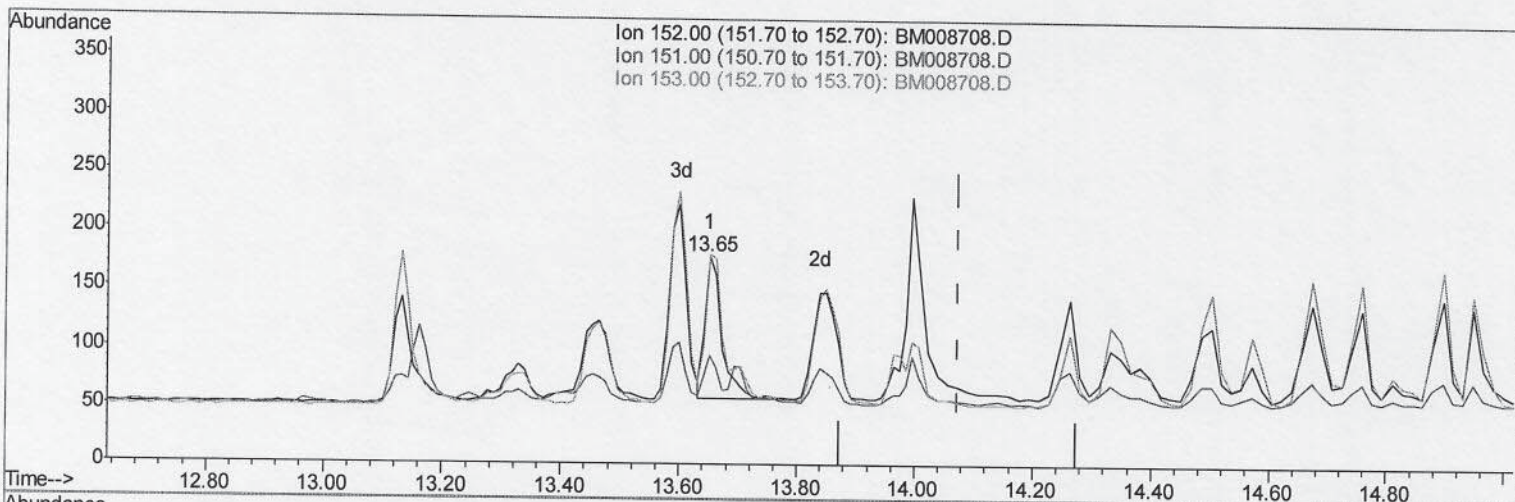
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(7) Acenaphthylene

13.652min (-0.423) 0.06ng/ul

response 242

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	52.81#
153.00	16.00	101.12#
0.00	0.00	0.00

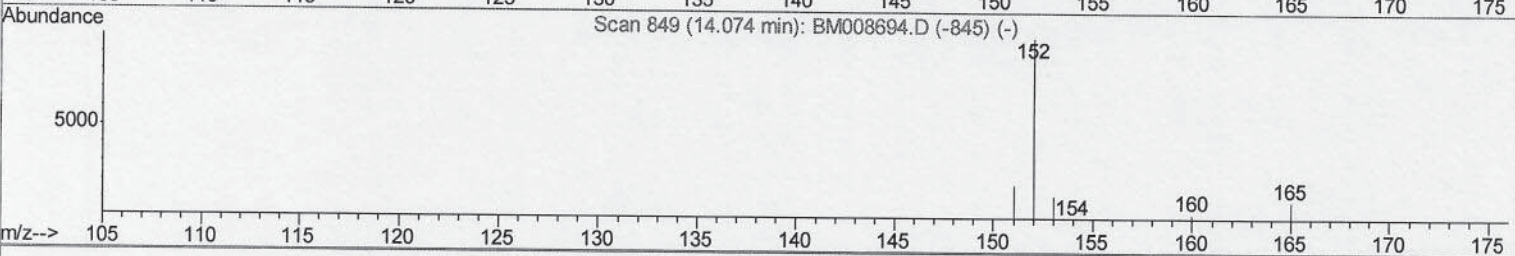
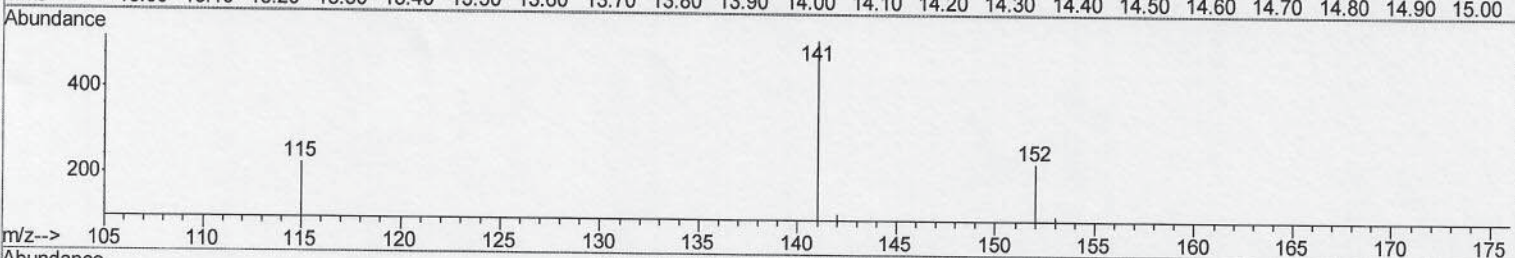
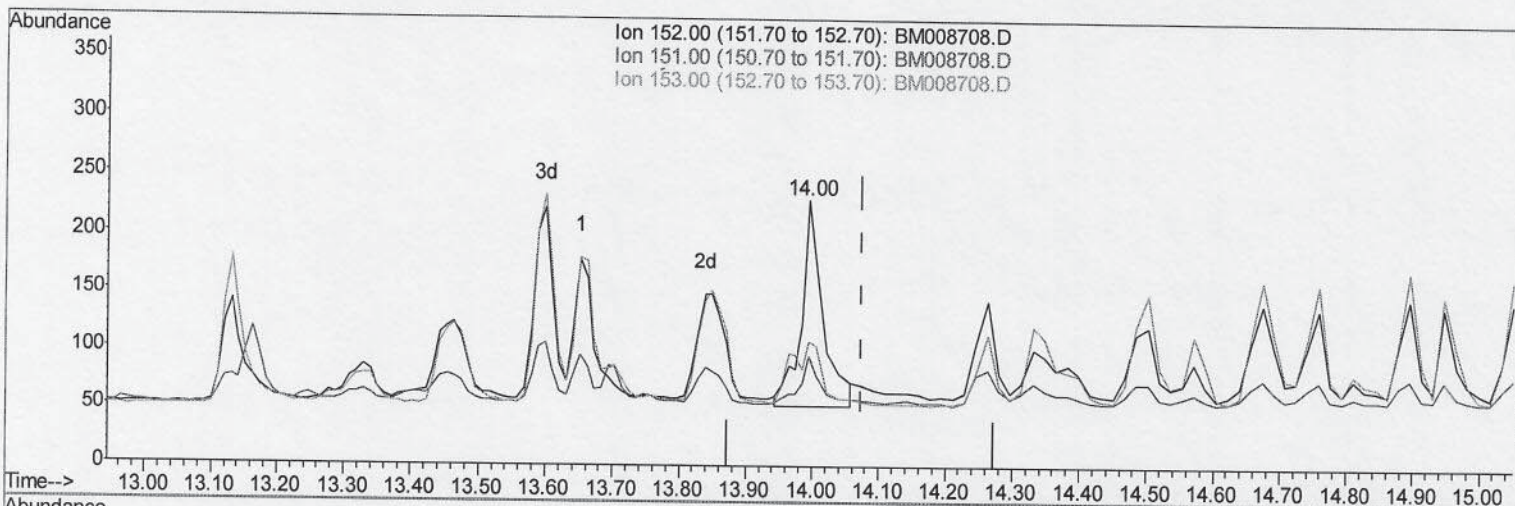
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(7) Acenaphthylene

13.995min (-0.079) 0.10ng/ul m

response 420

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Ion	Exp%	Act%
152.00	100	100
151.00	21.40	40.87#
153.00	16.00	46.52#
0.00	0.00	0.00

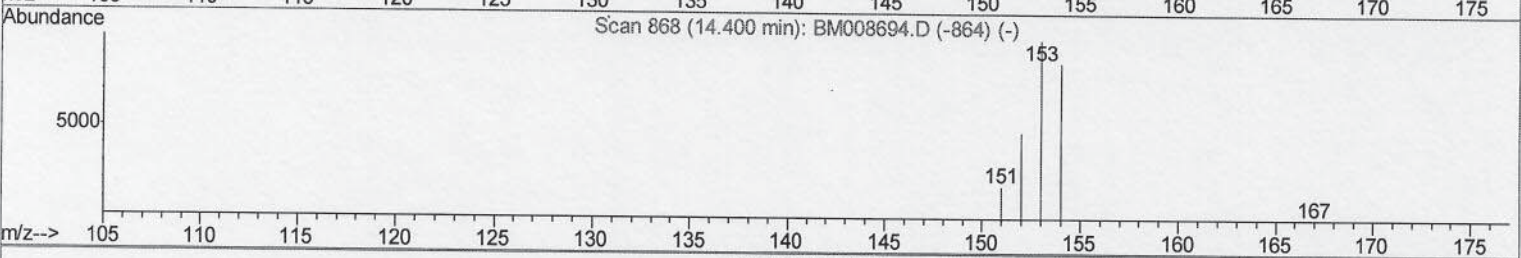
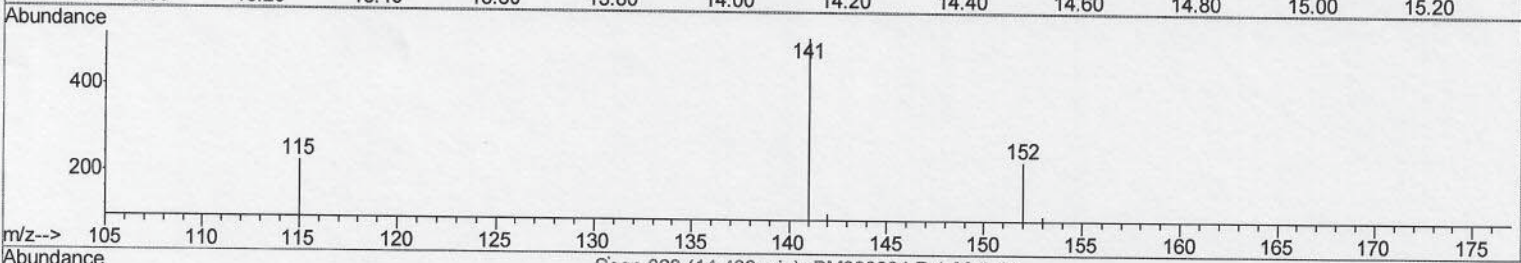
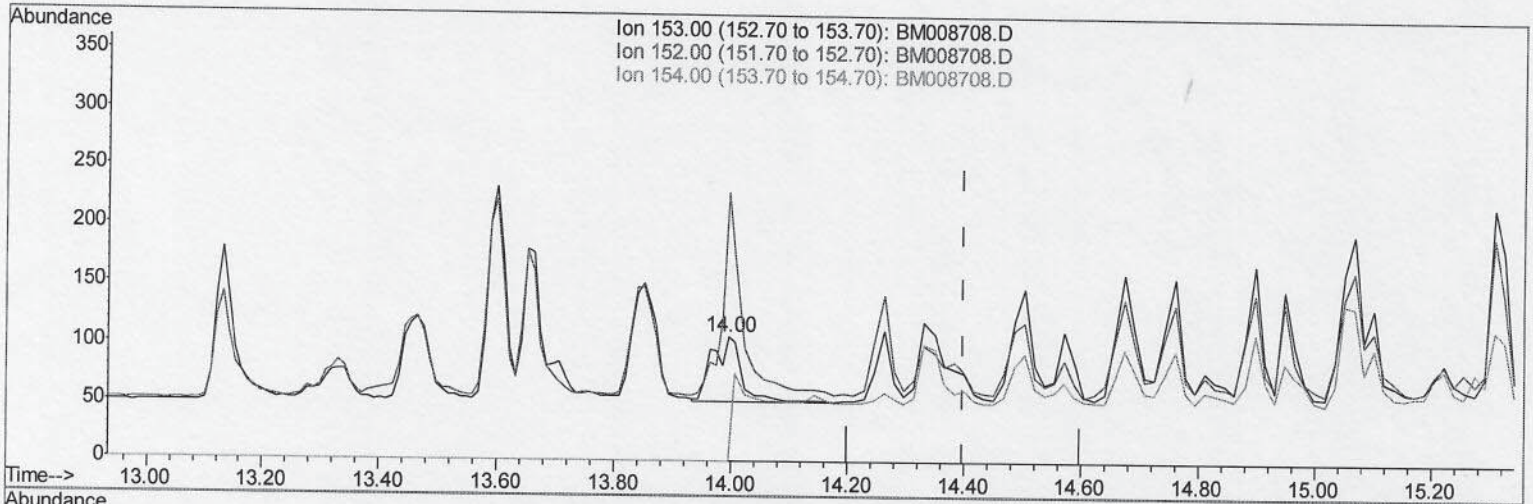
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(8) Acenaphthene (C)

13.995min (-0.405) 0.08ng/ul

response 234

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	214.95#
154.00	89.30	0.00#
0.00	0.00	0.00

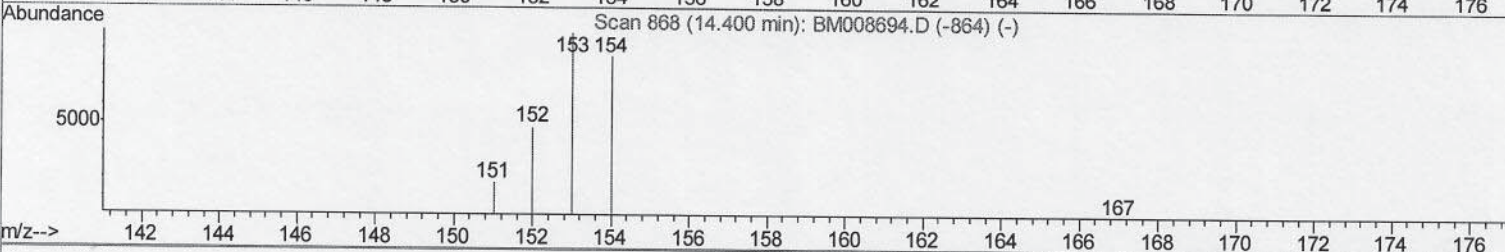
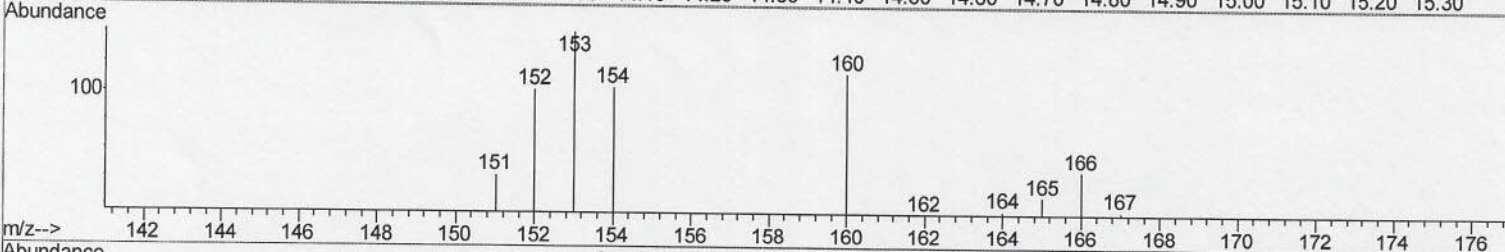
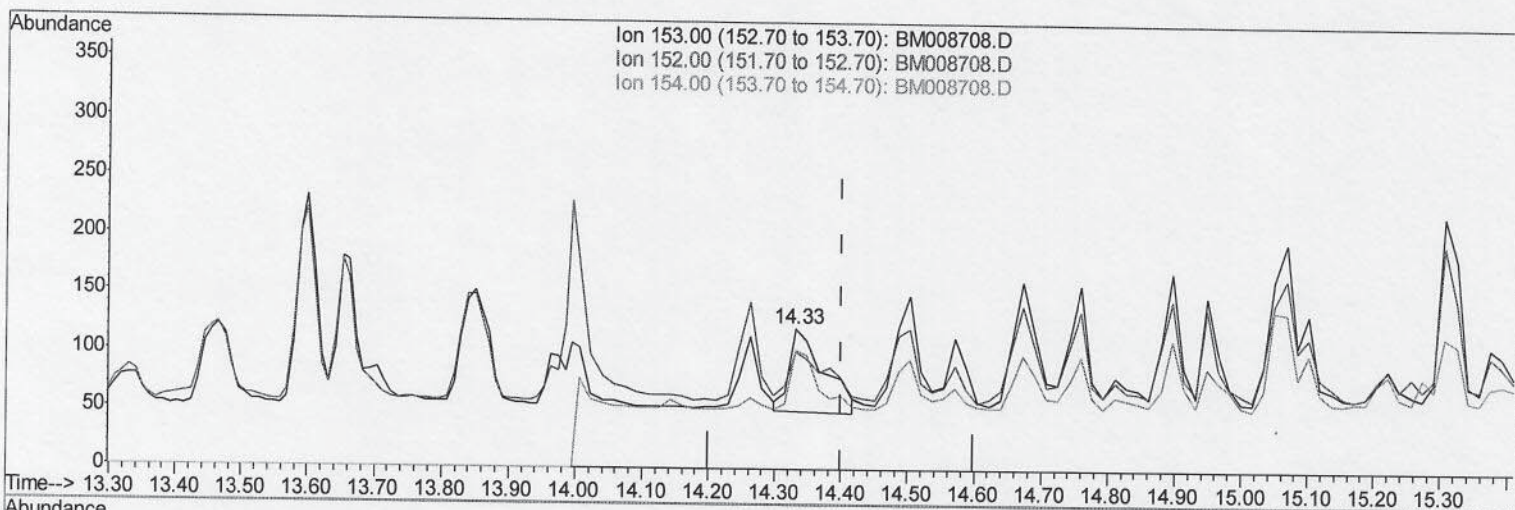
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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TIC: BM008708.D

(8) Acenaphthene (C)

14.331min (-0.069) 0.09ng/ul m

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response 262

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	83.47#
154.00	89.30	84.30
0.00	0.00	0.00

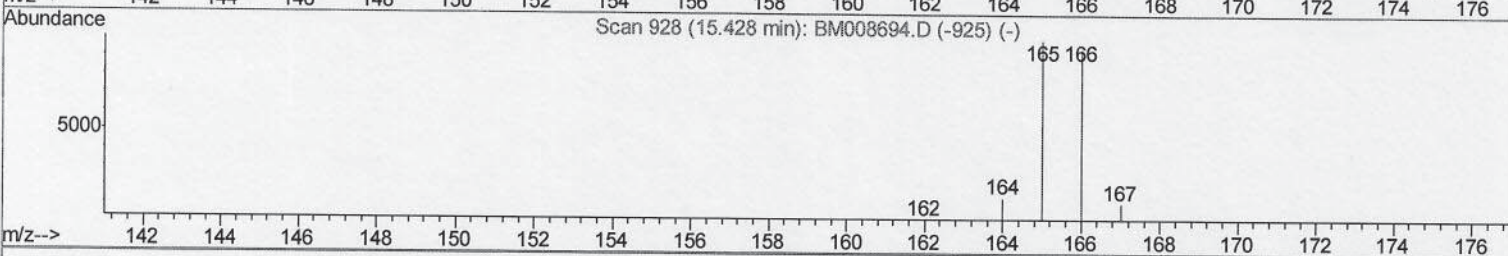
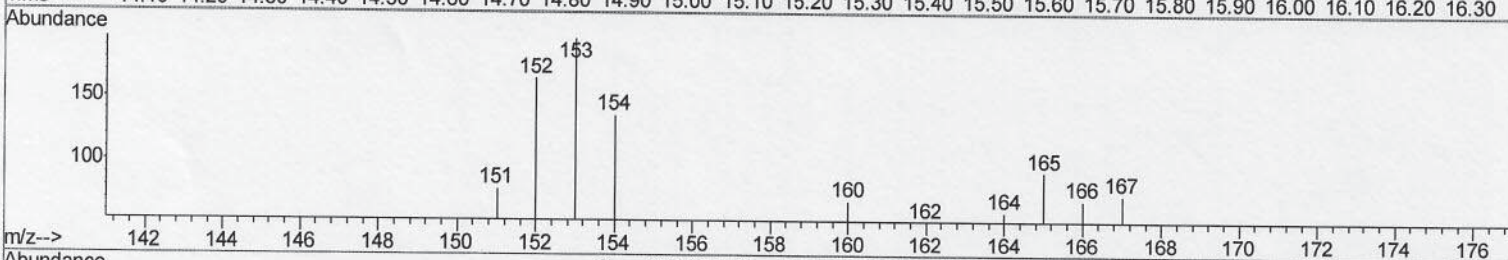
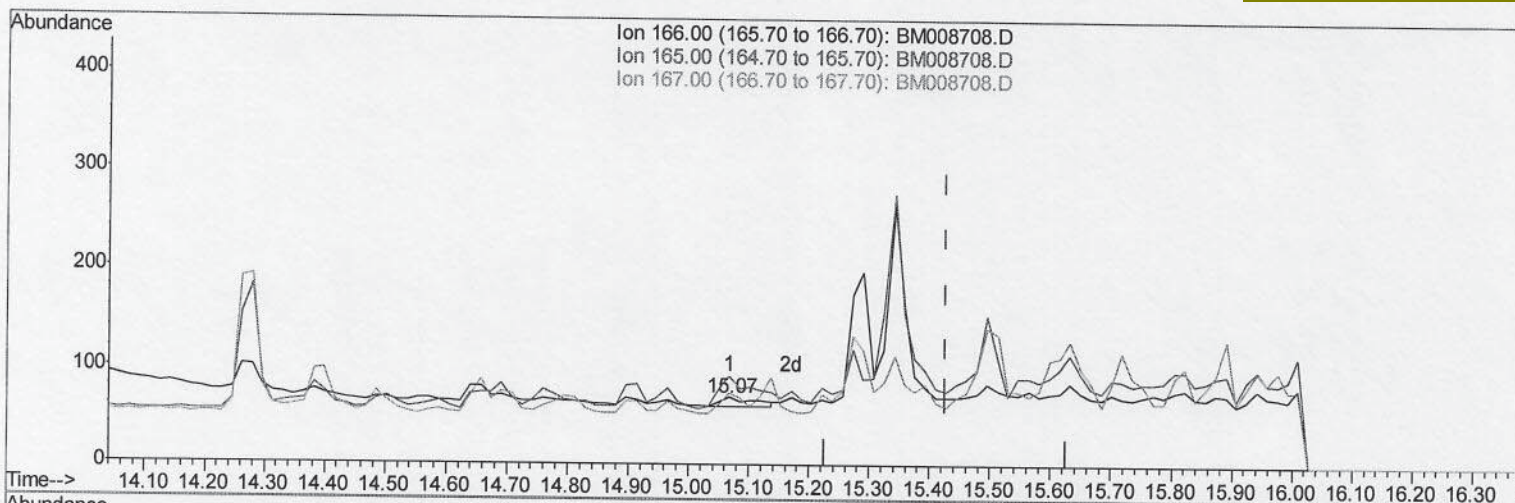
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008708.D
Acq On : 29 Dec 2016 00:33
Operator : UM/SJ
Sample : H6067-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H4

Quant Time: Dec 29 05:52:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(9) Fluorene

15.068min (-0.360) 0.01ng/ul

response 37

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	131.43#
167.00	18.30	105.71#
0.00	0.00	0.00

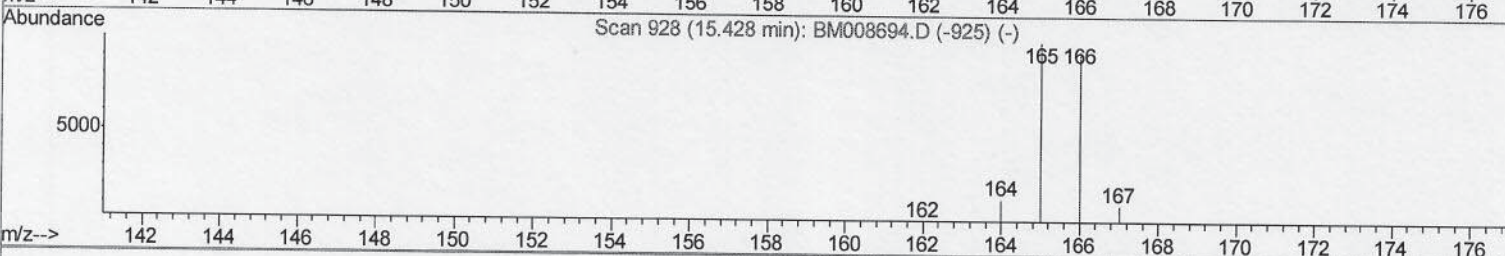
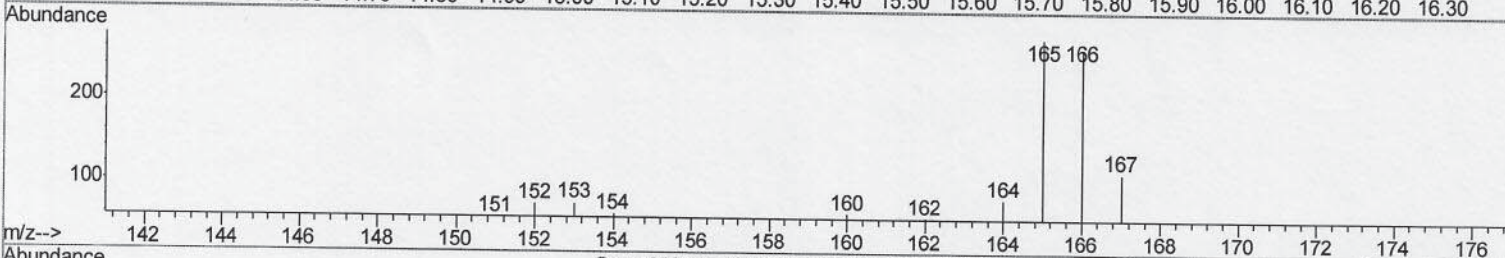
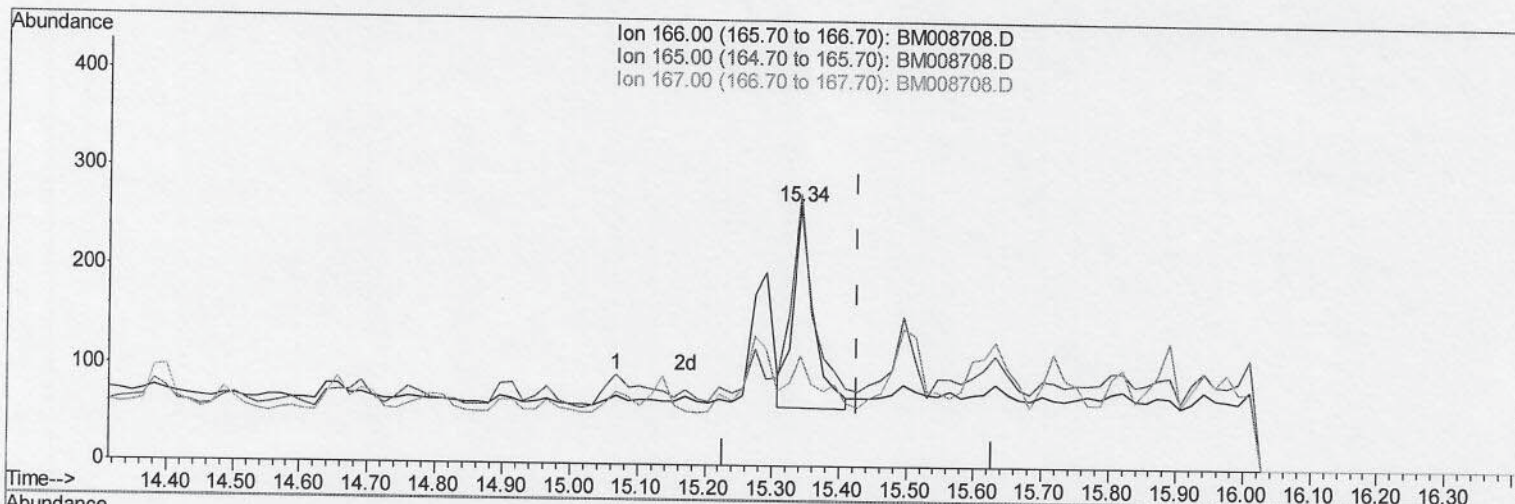
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(9) Fluorene

15.342min (-0.086) 0.13ng/ul m

response 449

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	104.53
167.00	18.30	42.64#
0.00	0.00	0.00

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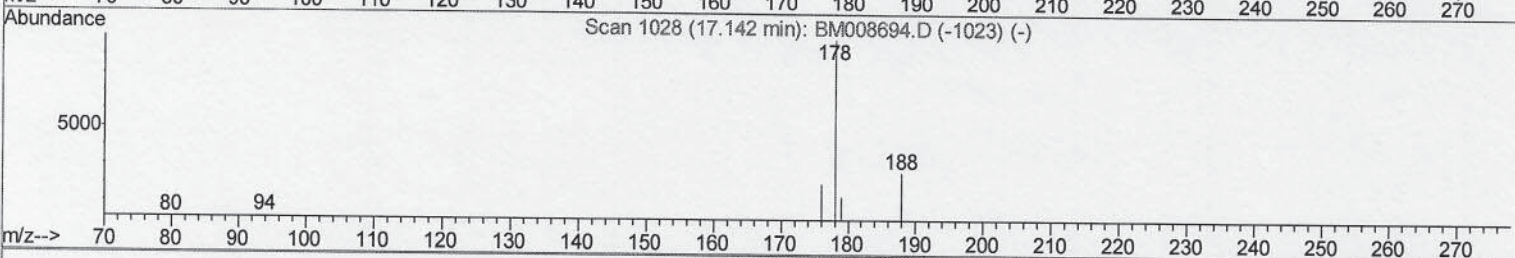
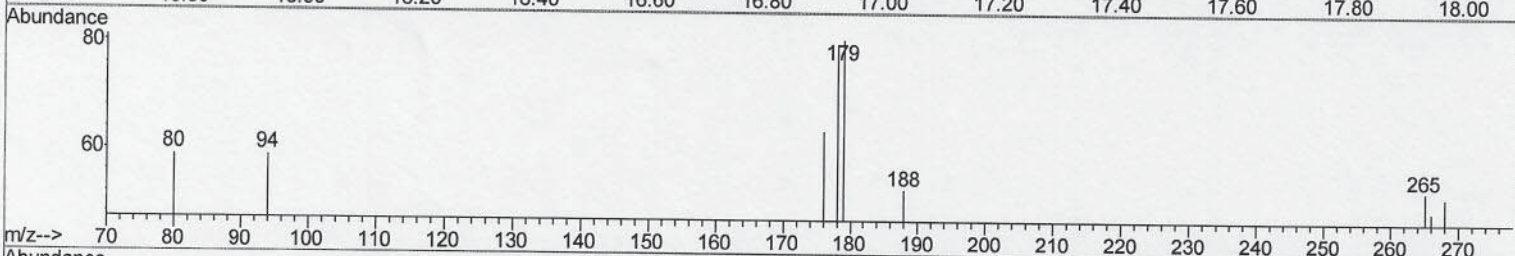
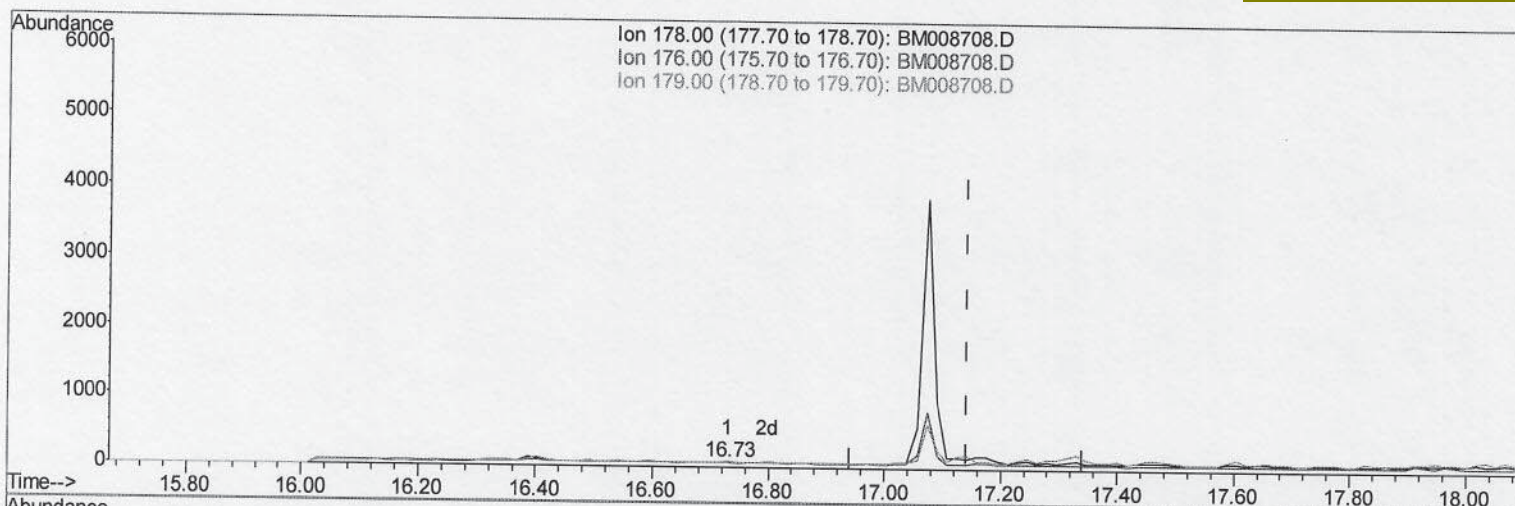
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008708.D
Acq On : 29 Dec 2016 00:33
Operator : UM/SJ
Sample : H6067-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H4

Quant Time: Dec 29 05:52:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

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TIC: BM008708.D

(12) Phenanthrene

16.730min (-0.412) 0.01ng/ui

response 28

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	80.00#
179.00	17.00	101.25#
0.00	0.00	0.00

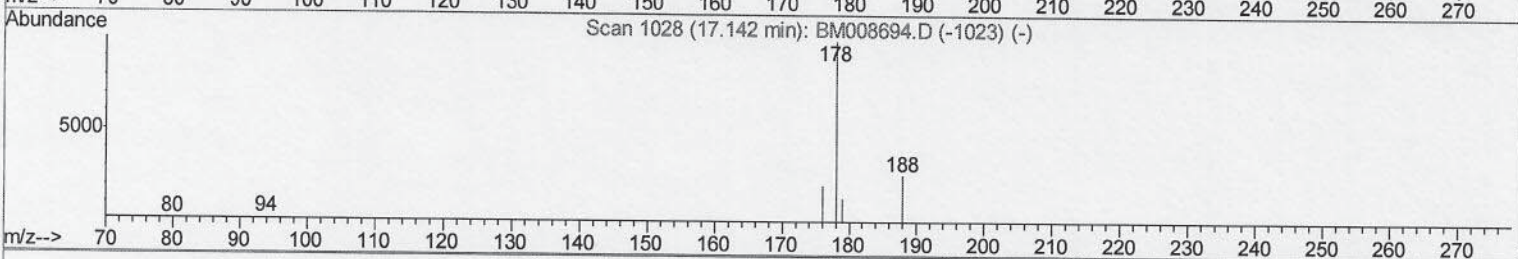
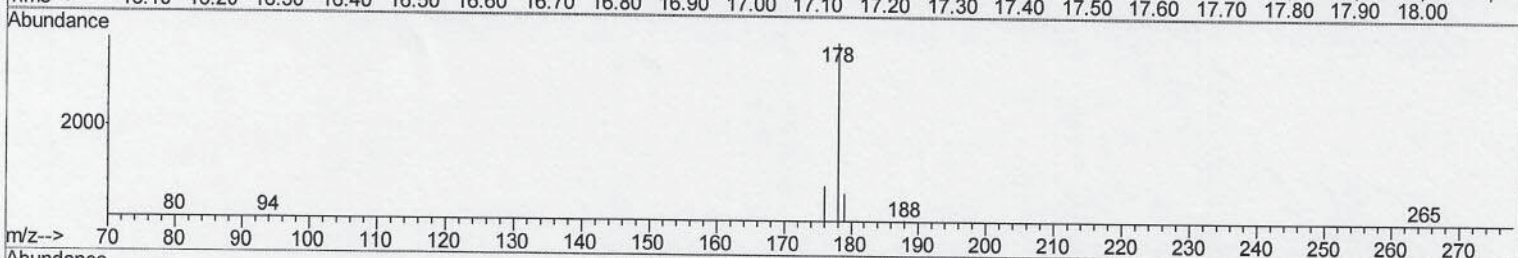
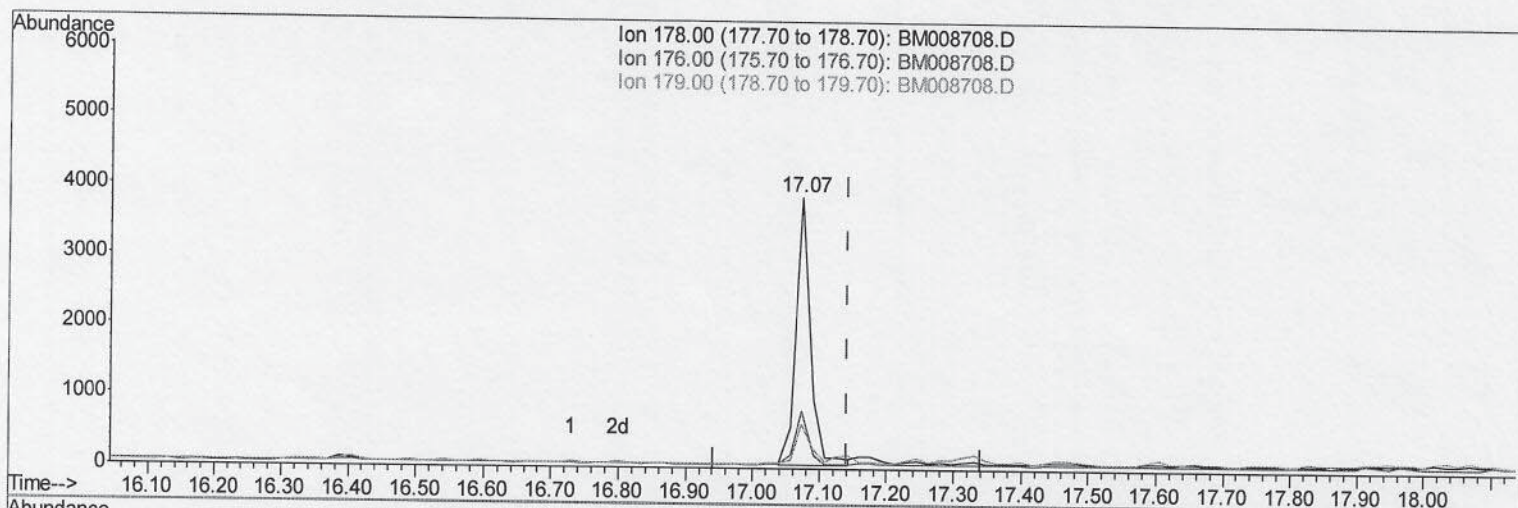
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(12) Phenanthrene

17.073min (-0.069) 1.09ng/ul m

response 5738

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Ion	Exp%	Act%
178.00	100	100
176.00	23.00	20.78
179.00	17.00	16.58
0.00	0.00	0.00

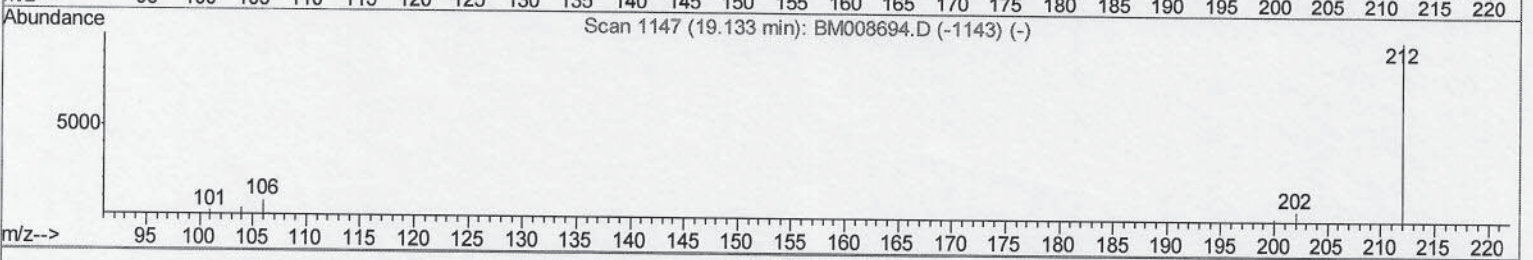
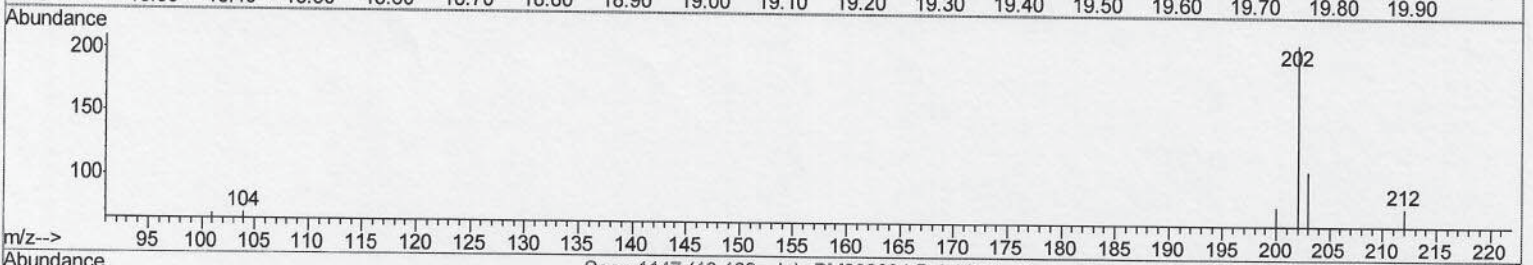
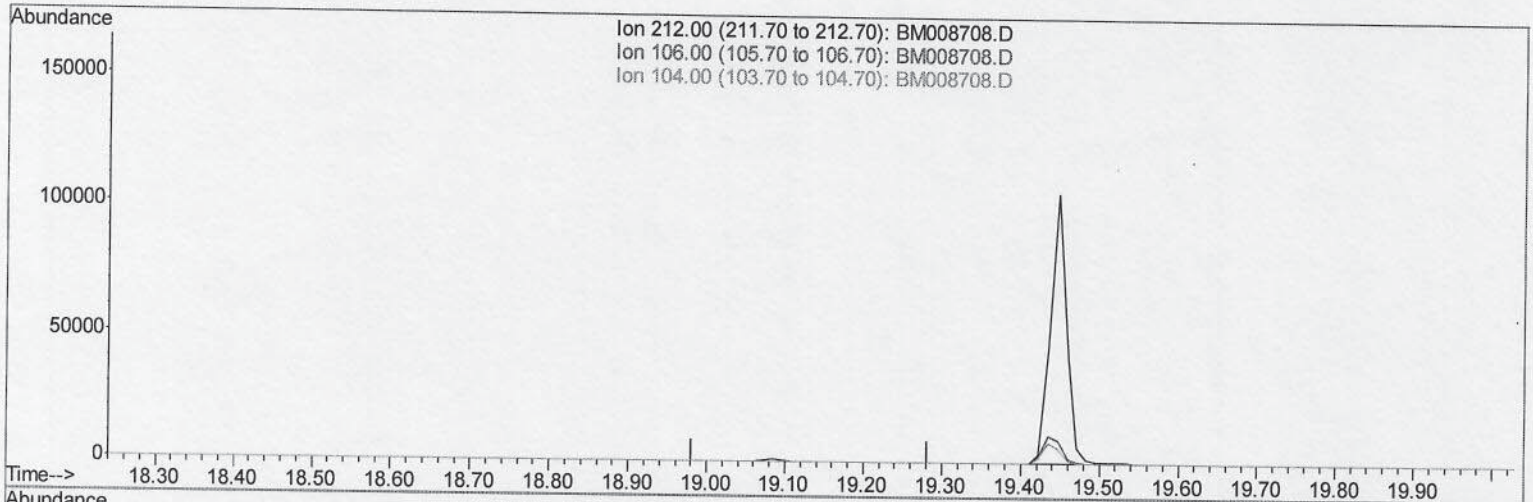
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008708.D
Acq On : 29 Dec 2016 00:33
Operator : UM/SJ
Sample : H6067-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H4

Quant Time: Dec 29 05:52:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.133min (-19.133) 0.00ng/ul

response 0

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

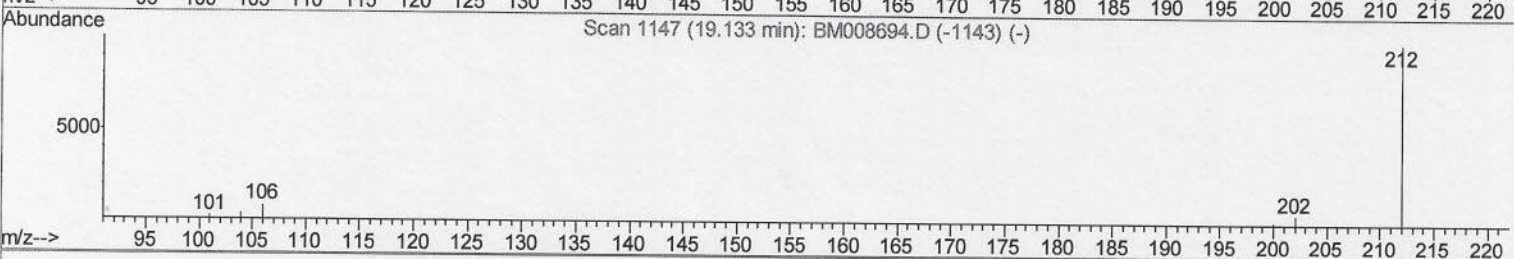
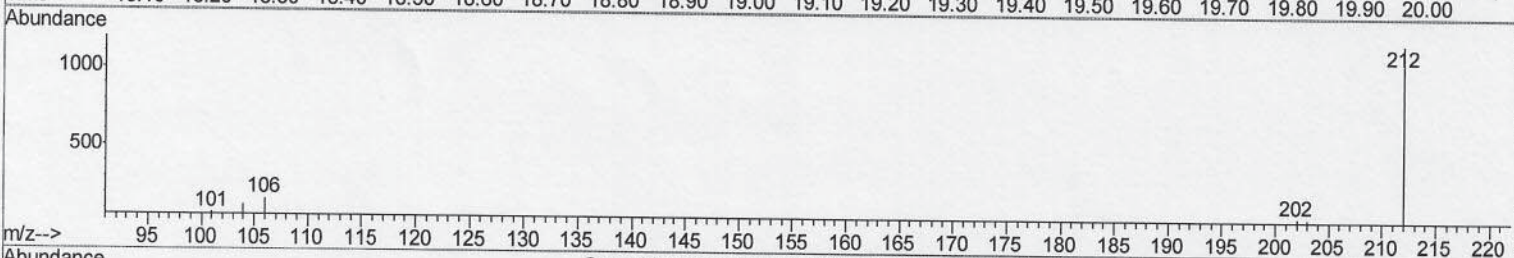
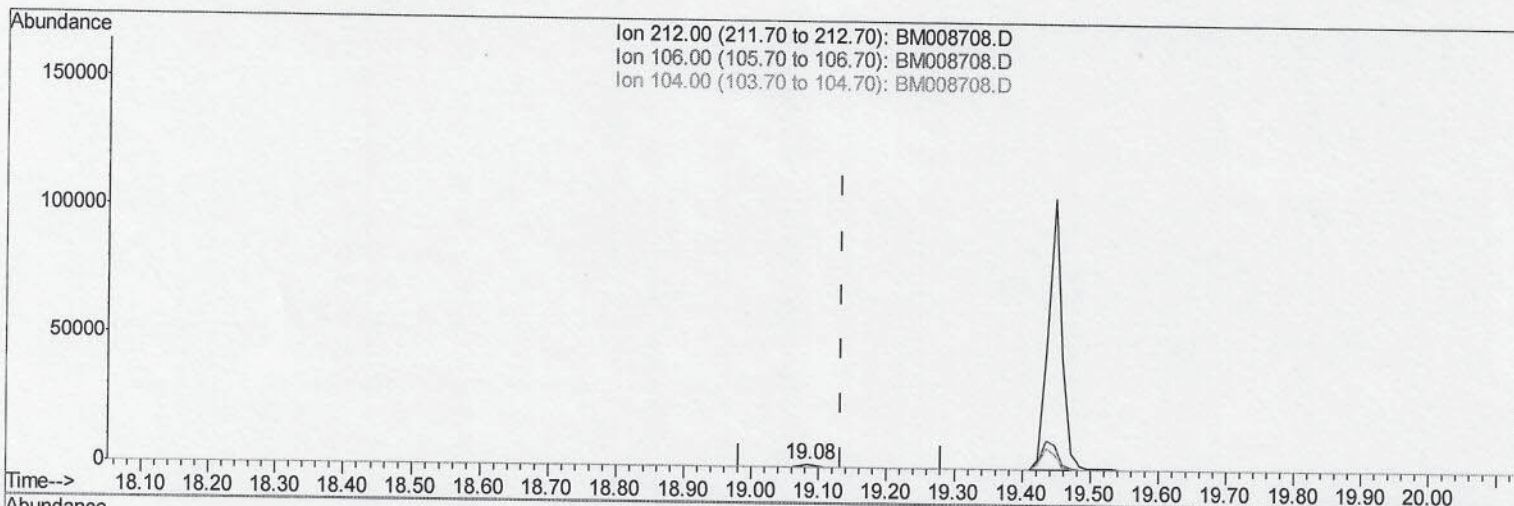
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(14) Fluoranthene-d10 (SURR)

19.084min (-0.049) 0.34ng/ul m

response 1631

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

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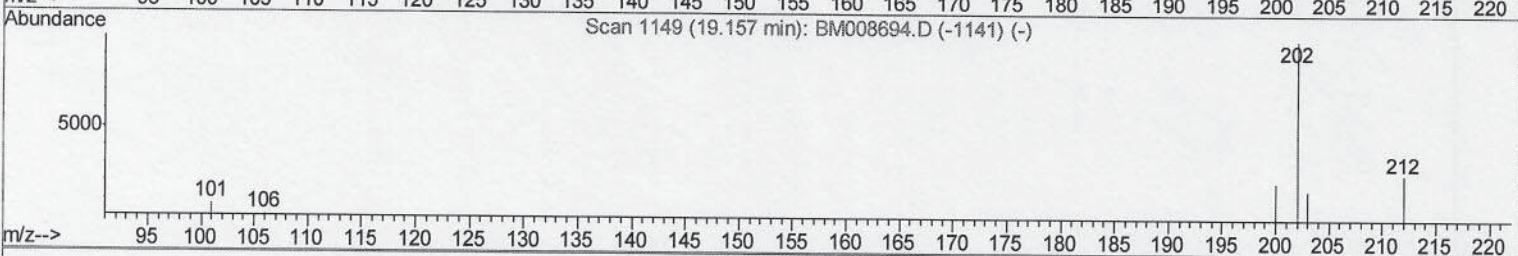
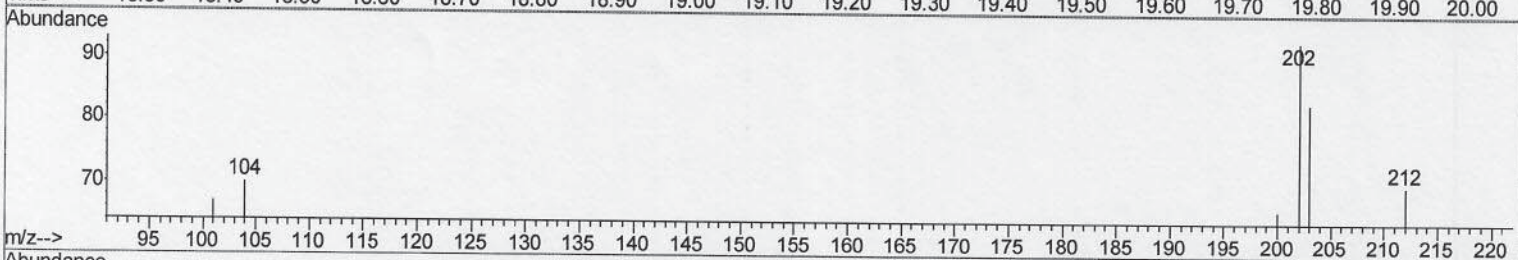
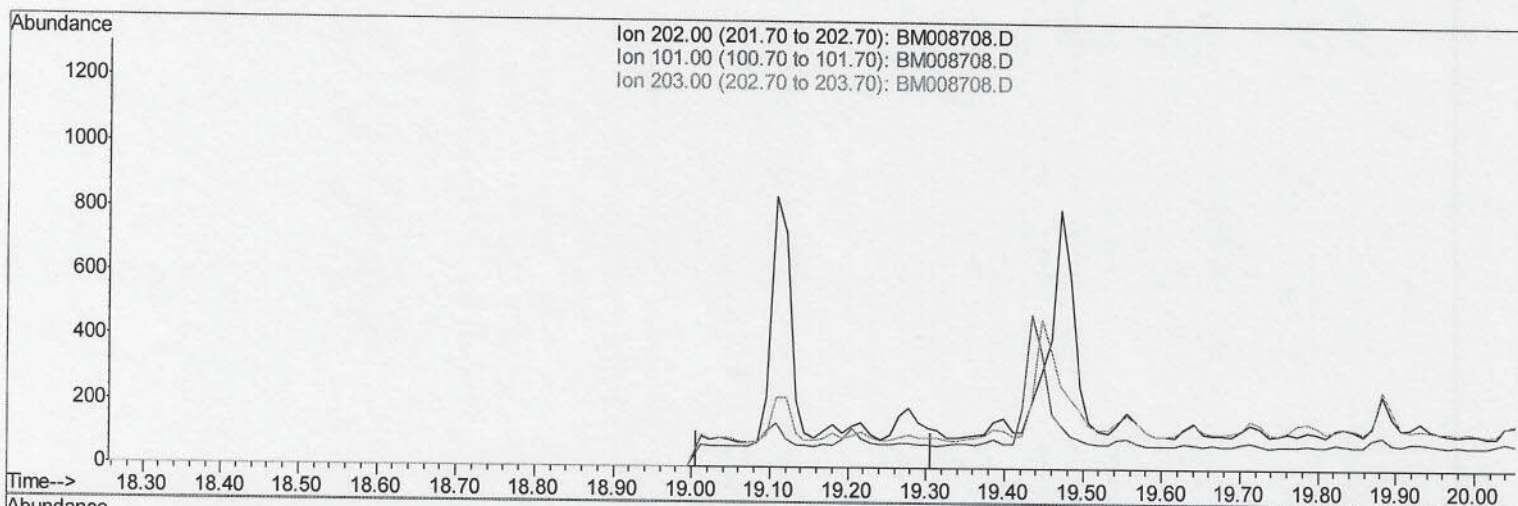
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(15) Fluoranthene (C)

19.157min (-19.157) 0.00ng/ul

response 0

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

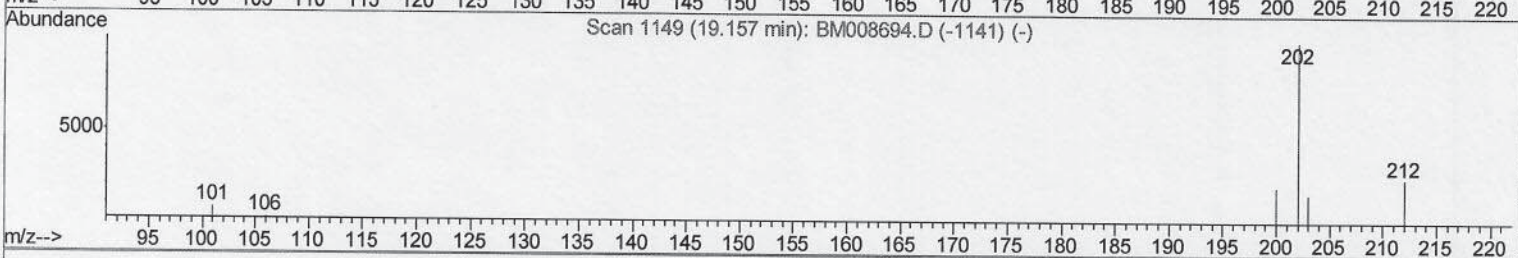
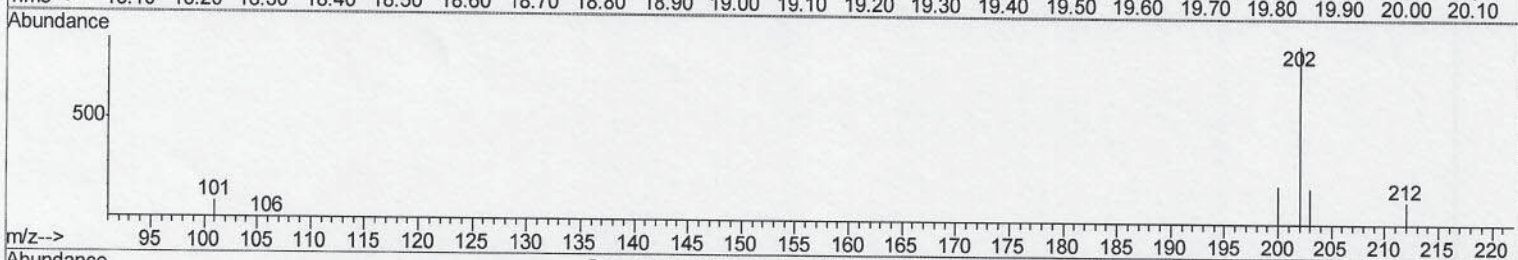
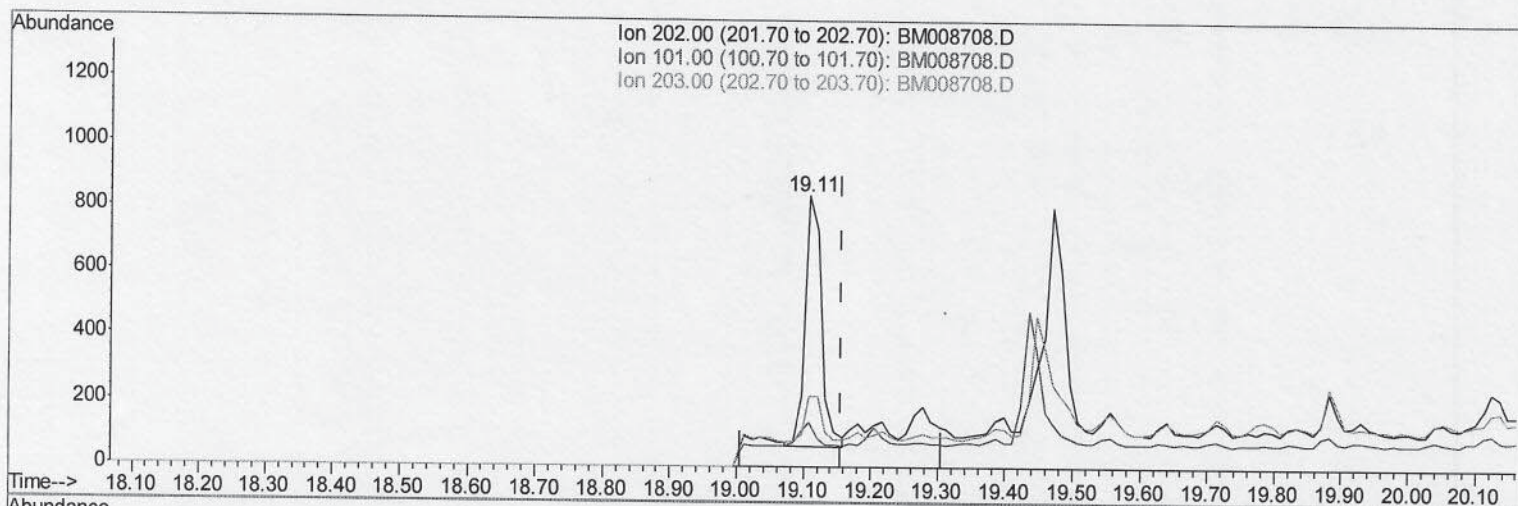
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(15) Fluoranthene (C)

19.108min (-0.049) 0.21ng/ul m

response 1332

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Ion	Exp%	Act%
202.00	100	100
101.00	10.30	16.17
203.00	19.50	26.16
0.00	0.00	0.00

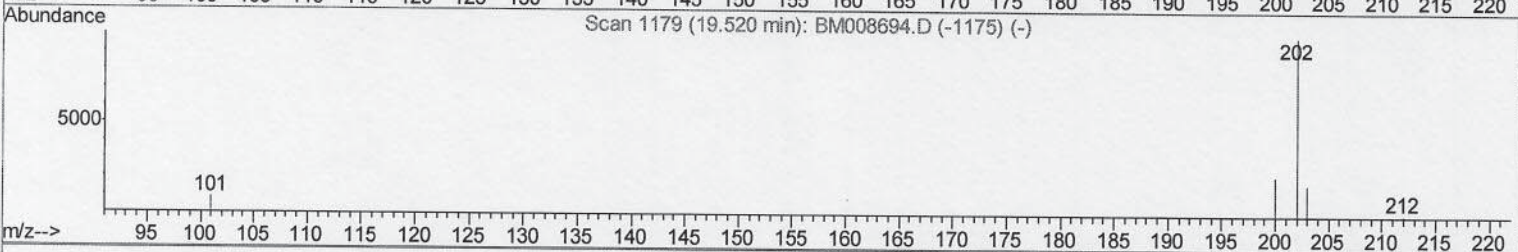
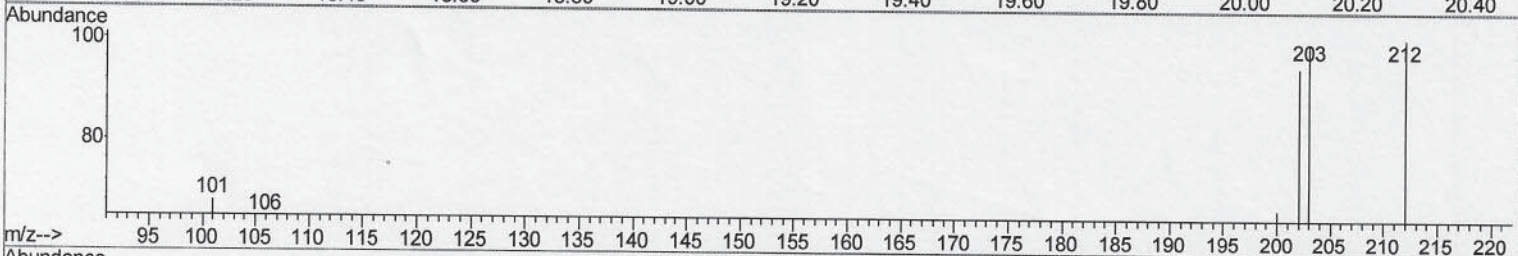
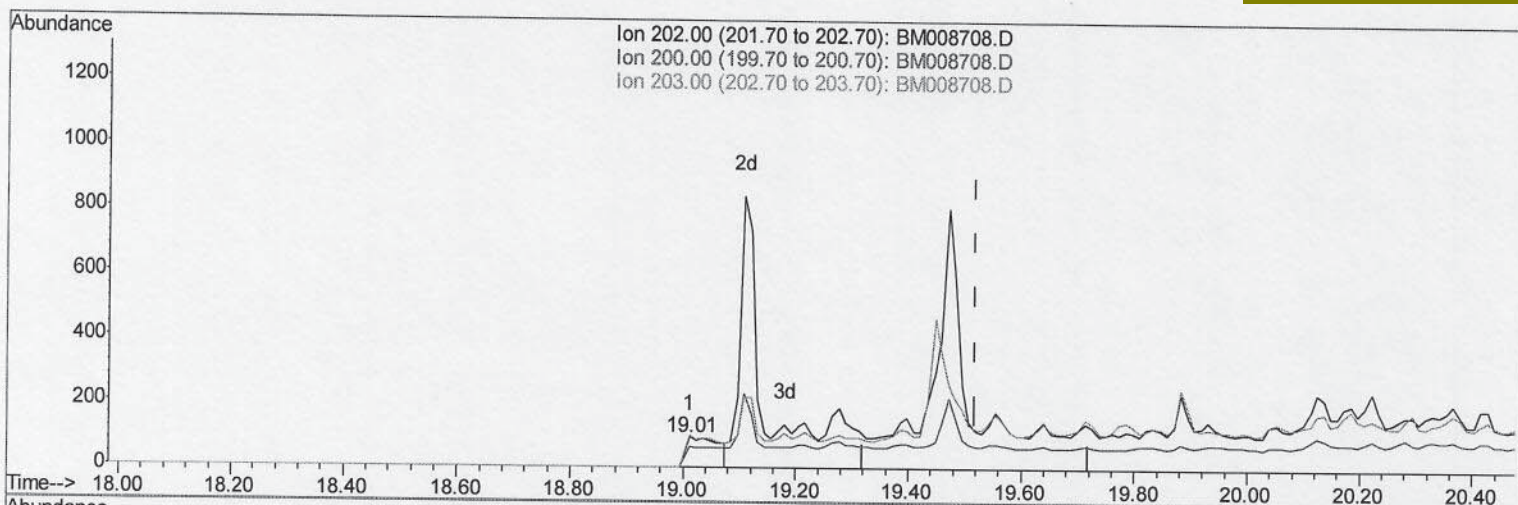
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(17) Pyrene

19.011min (-0.508) 0.06ng/ul

response 412

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	70.53#
203.00	19.50	105.26#
0.00	0.00	0.00

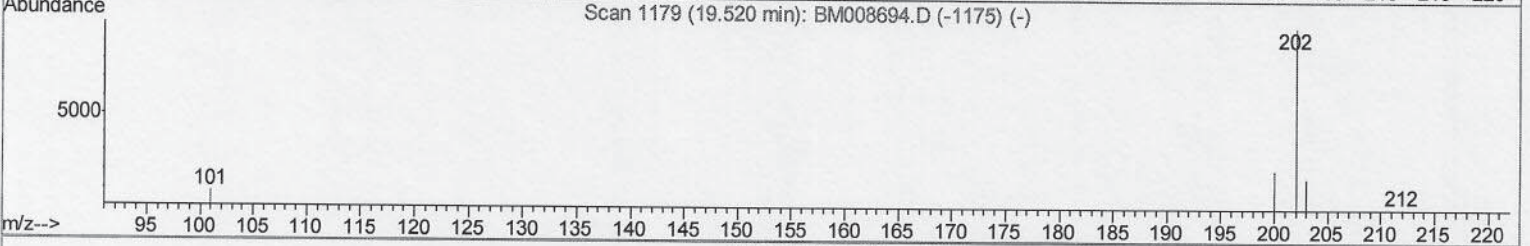
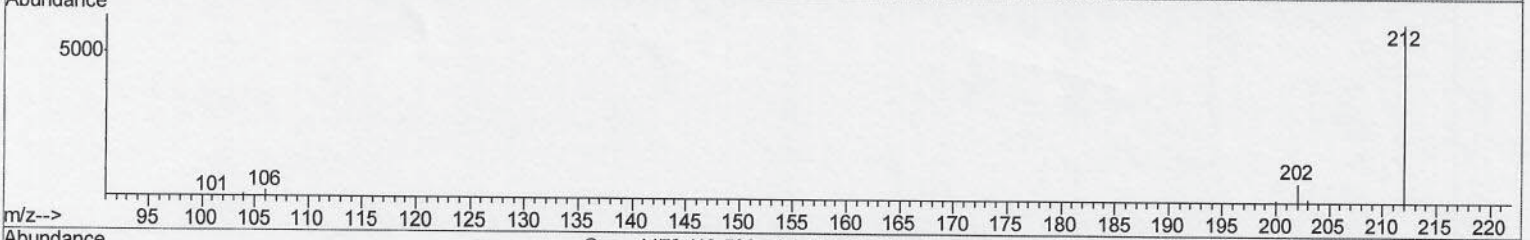
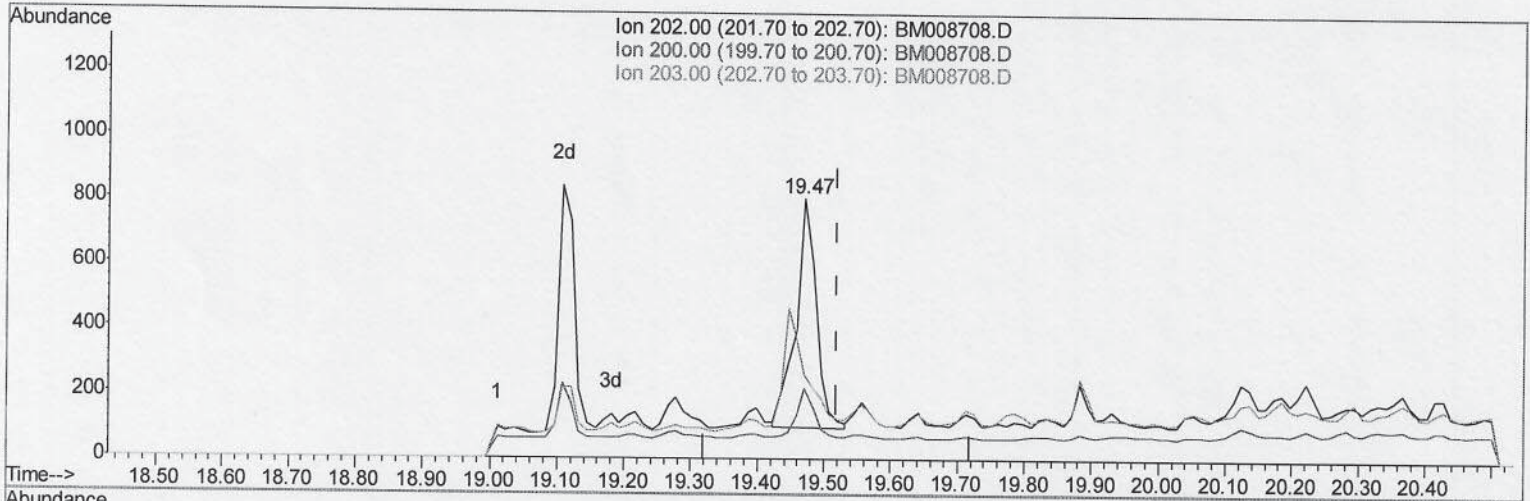
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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(17) Pyrene

19.471min (-0.049) 0.24ng/ul m

response 1512

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	27.01
203.00	19.50	32.47#
0.00	0.00	0.00

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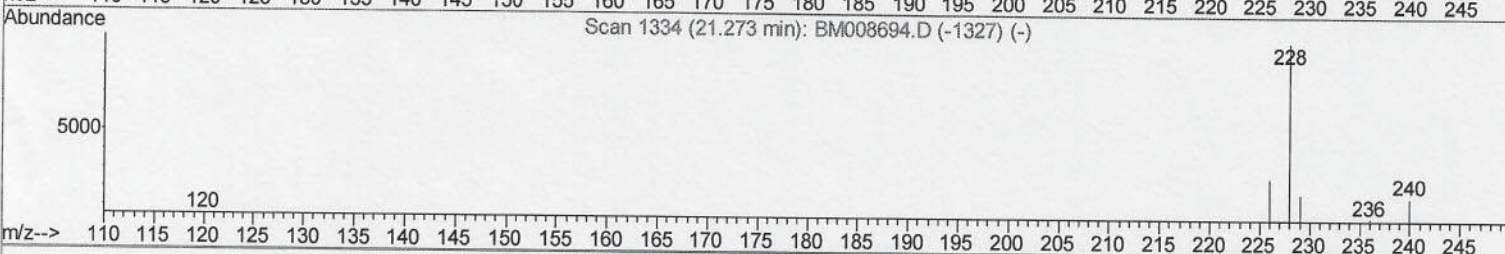
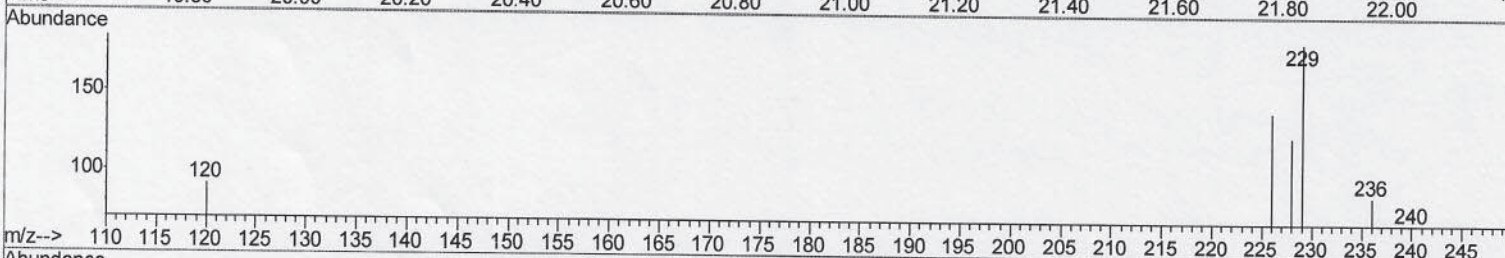
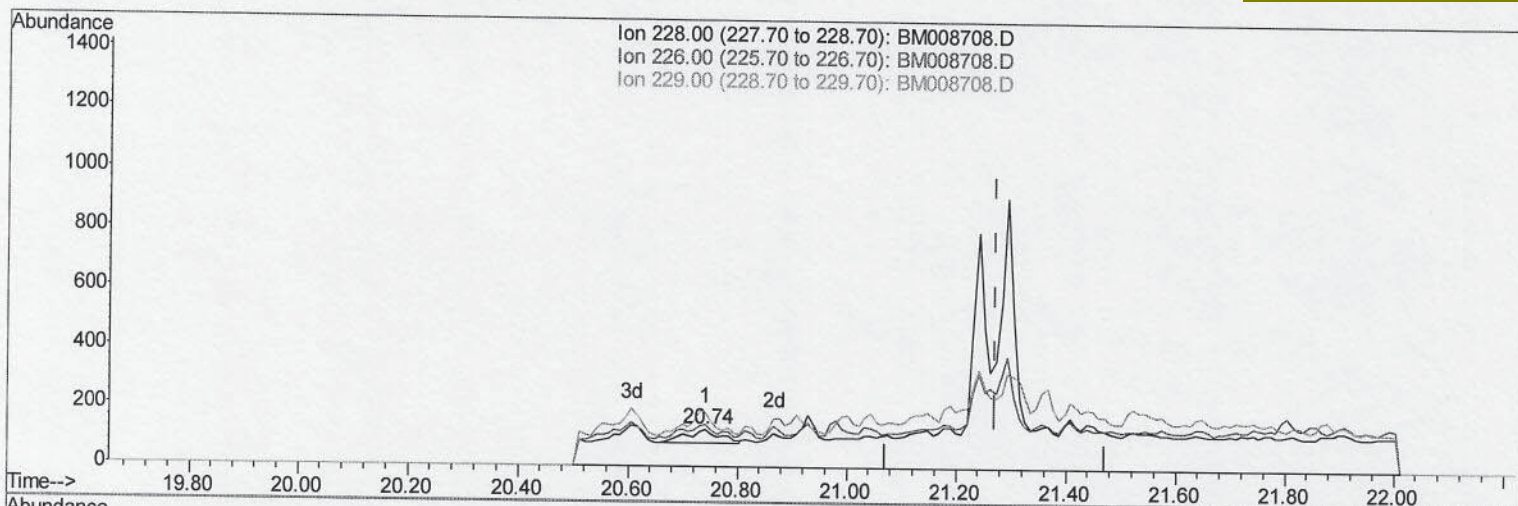
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008708.D
Acq On : 29 Dec 2016 00:33
Operator : UM/SJ
Sample : H6067-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H4

Quant Time: Dec 29 05:52:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(18) Benzo(a)anthracene

20.741min (-0.532) 0.04ng/ul

response 192

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	112.80#
229.00	21.30	148.00#
0.00	0.00	0.00

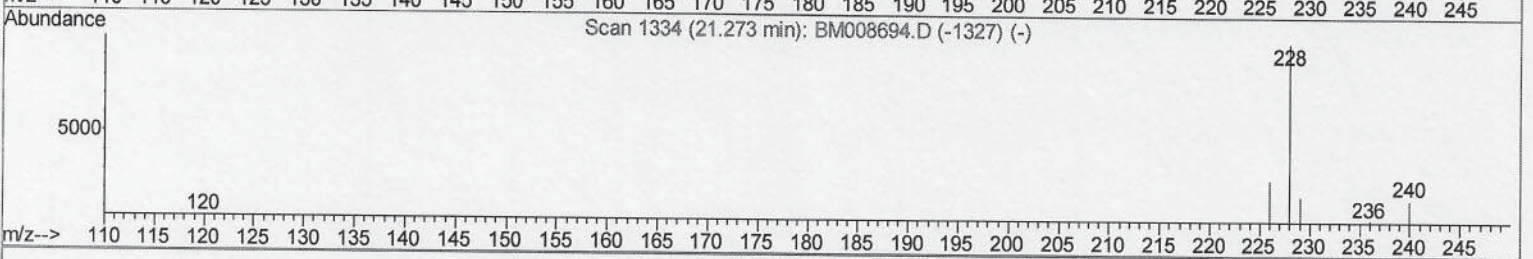
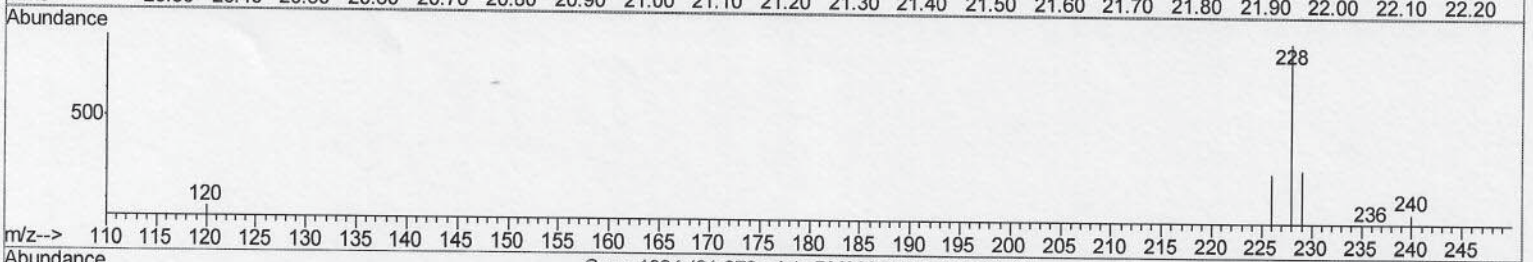
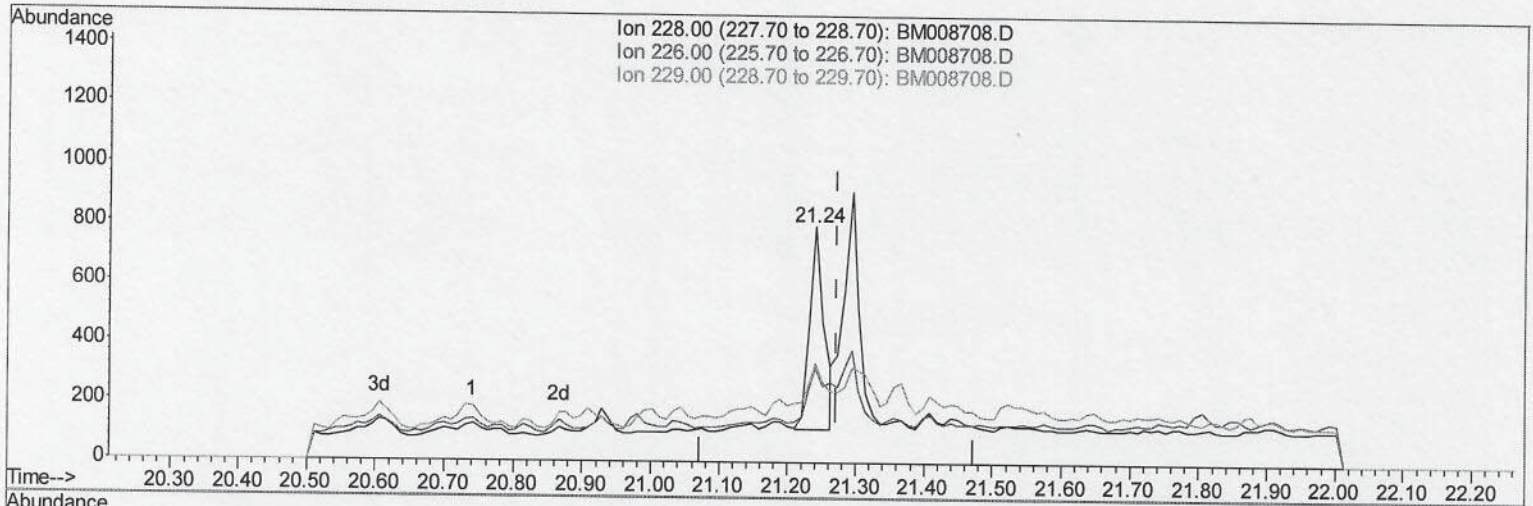
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(18) Benzo(a)anthracene

21.241min (-0.031) 0.19ng/ul m

response 1033

S.J
 12/30/16

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	40.03#
229.00	21.30	41.53#
0.00	0.00	0.00

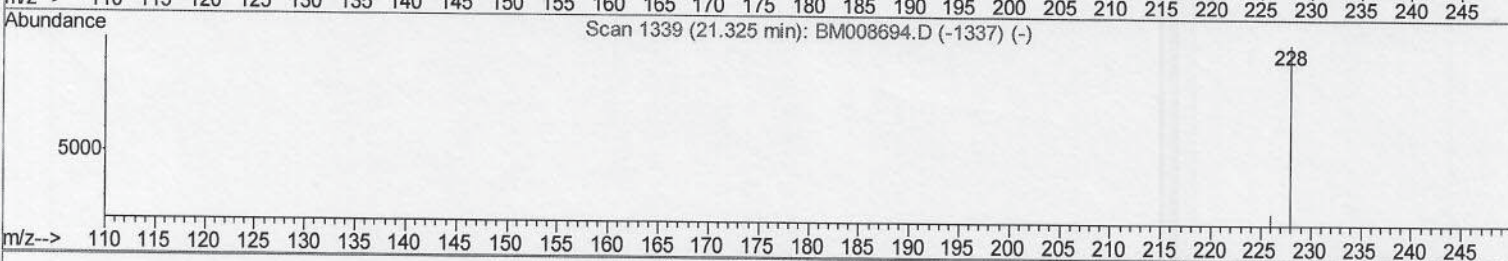
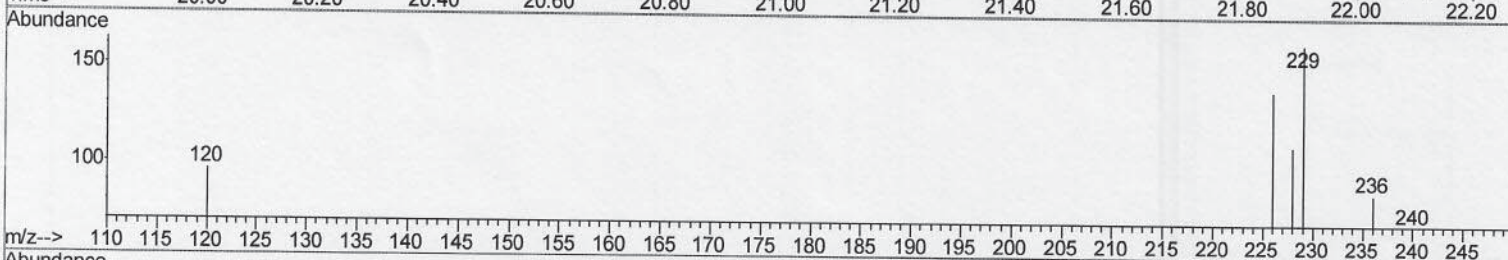
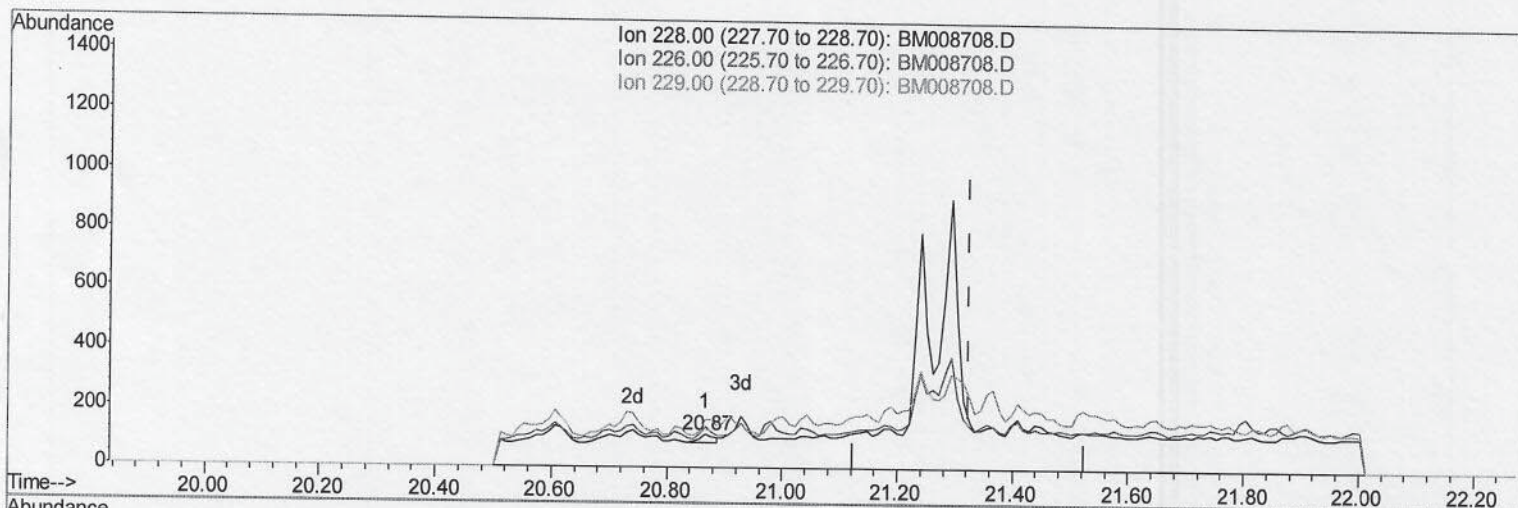
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008708.D
Acq On : 29 Dec 2016 00:33
Operator : UM/SJ
Sample : H6067-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H4

Quant Time: Dec 29 05:52:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(19) Chrysene

20.866min (-0.459) 0.01ng/ui

response 43

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	125.23#
229.00	22.10	146.85#
0.00	0.00	0.00

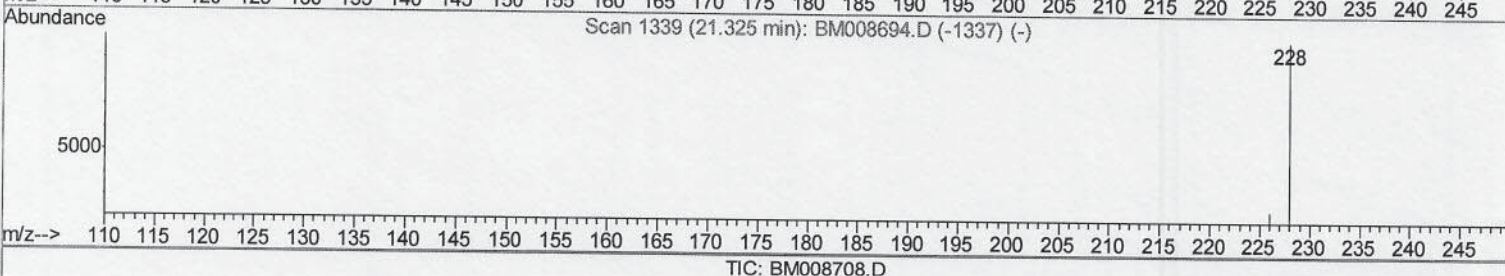
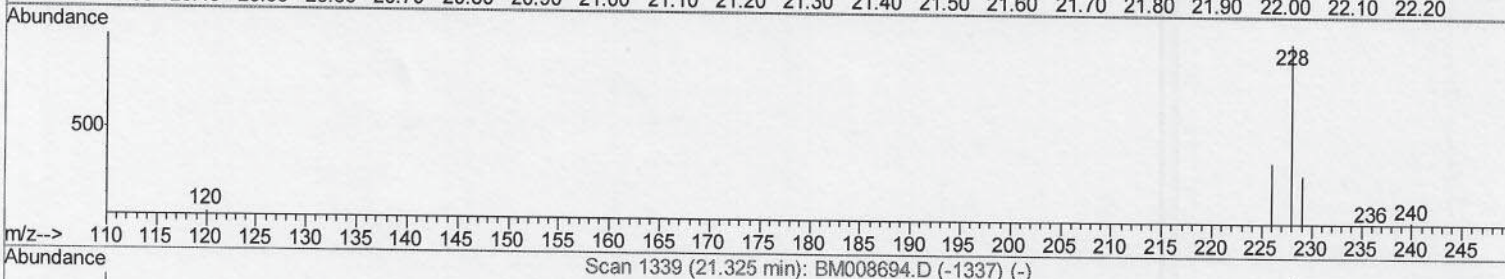
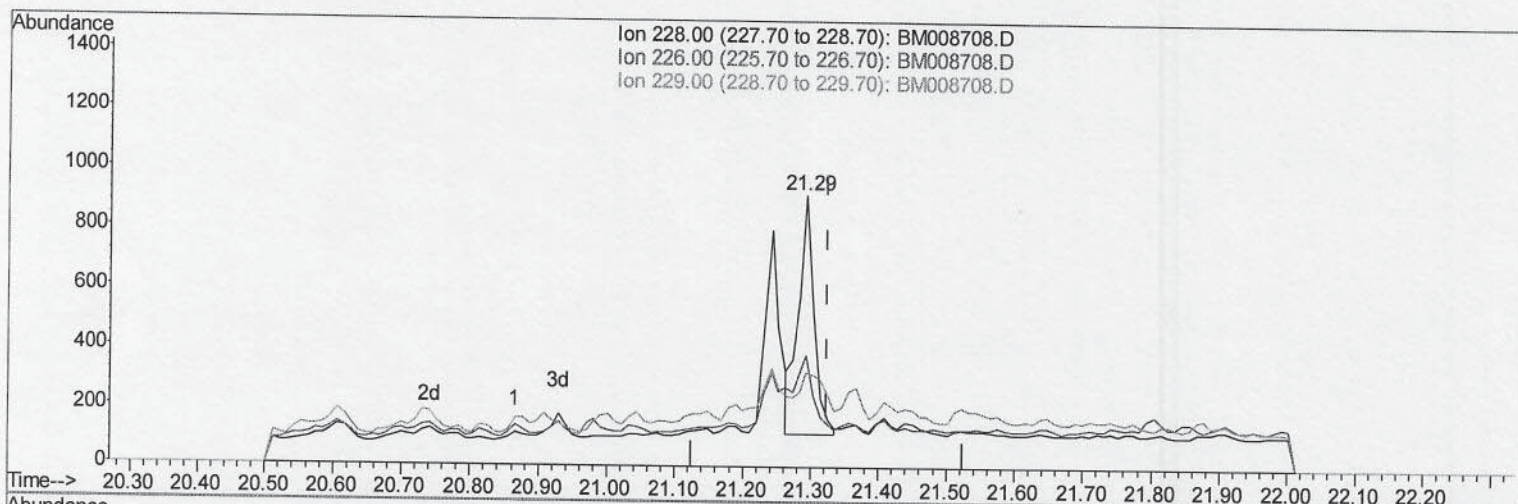
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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(19) Chrysene

21.294min (-0.031) 0.22ng/ul m

response 1318

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	41.31#
229.00	22.10	35.08#
0.00	0.00	0.00

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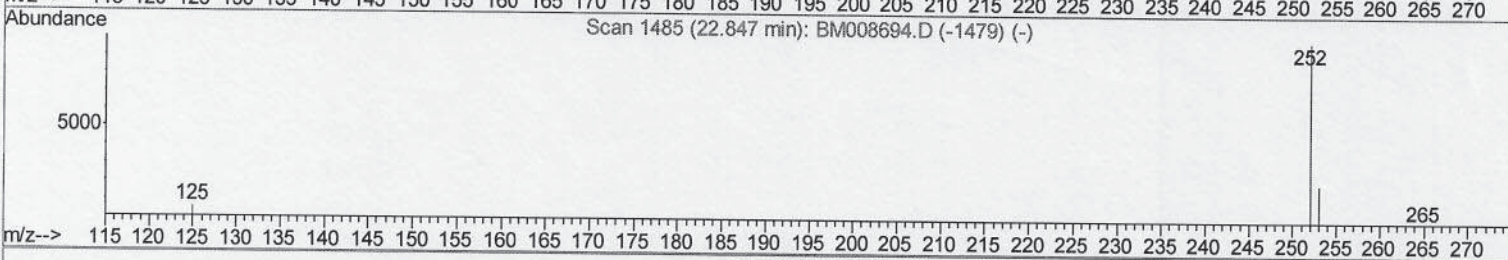
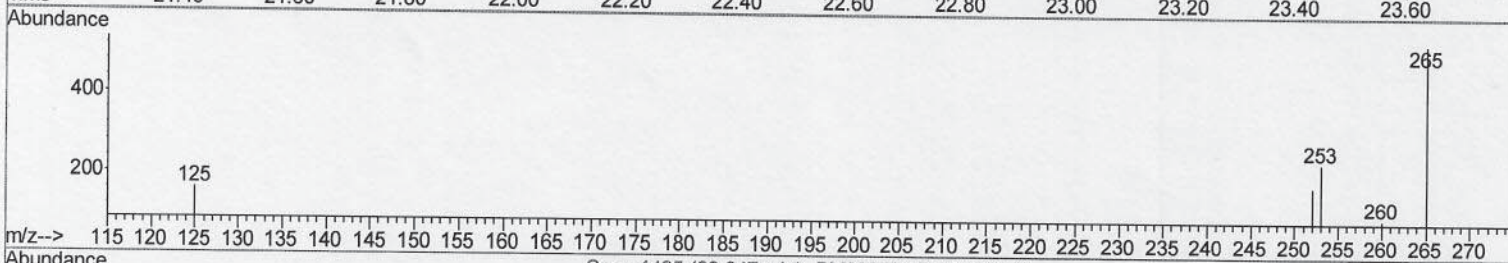
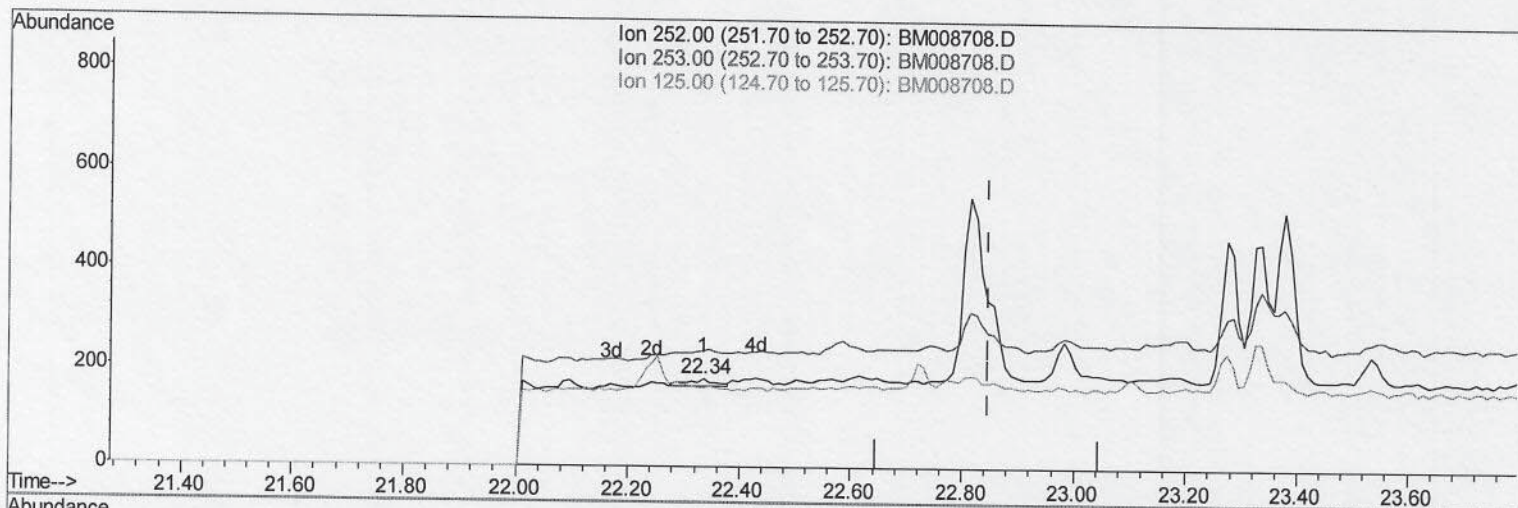
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008708.D
Acq On : 29 Dec 2016 00:33
Operator : UM/SJ
Sample : H6067-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H4

Quant Time: Dec 29 05:55:56 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 29 03:29:39 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM008708.D

(21) Benzo(b)fluoranthene

22.336min (-0.511) 0.01ng/ul

response 48

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	132.20#
125.00	17.50	90.40#
0.00	0.00	0.00

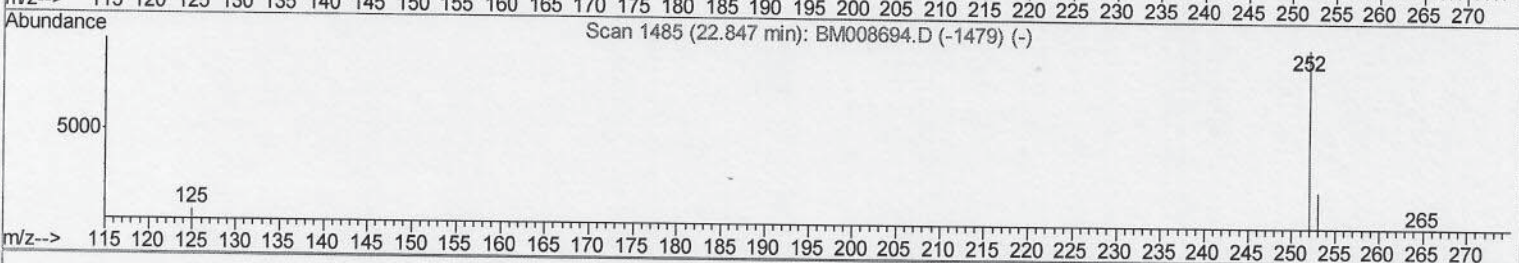
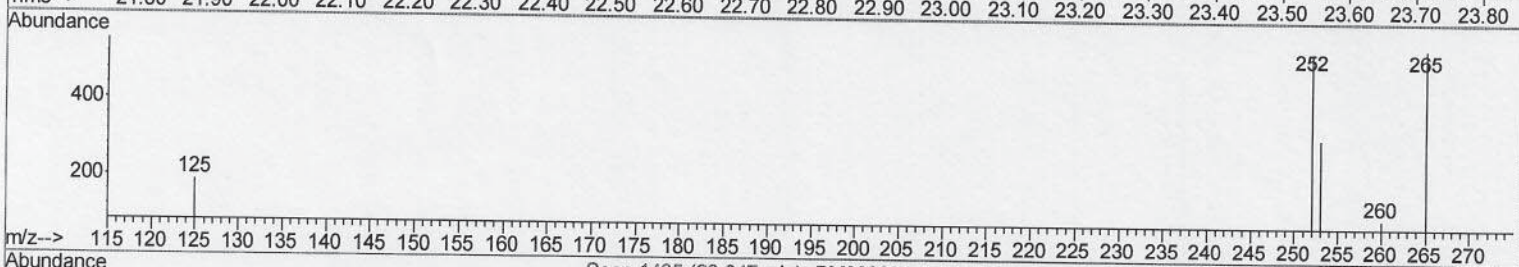
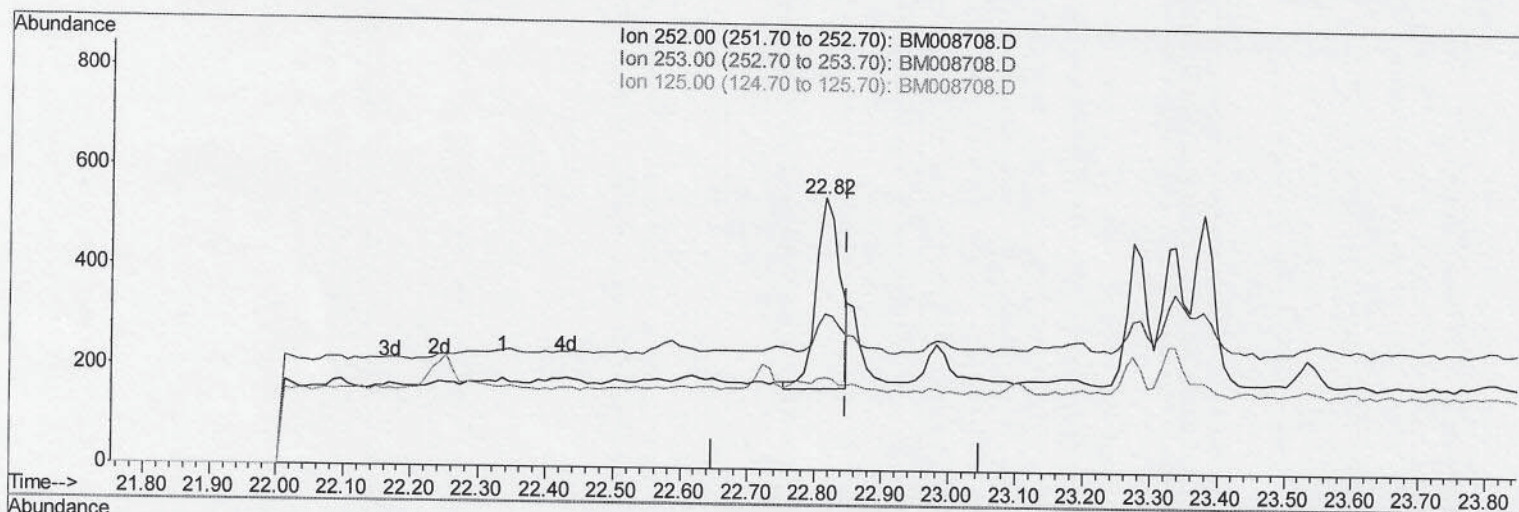
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Dec 29 05:55:56 2016
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(21) Benzo(b)fluoranthene

22.815min (-0.031) 0.17ng/ul m

response 986

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	57.59
125.00	17.50	34.19
0.00	0.00	0.00

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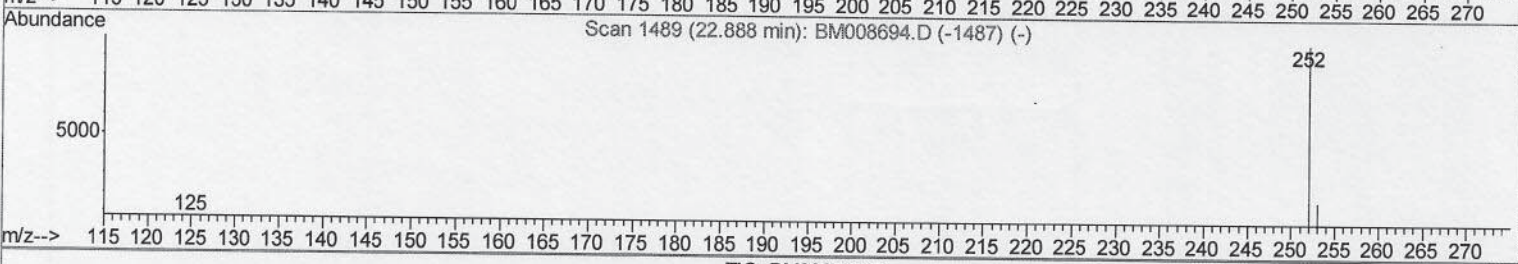
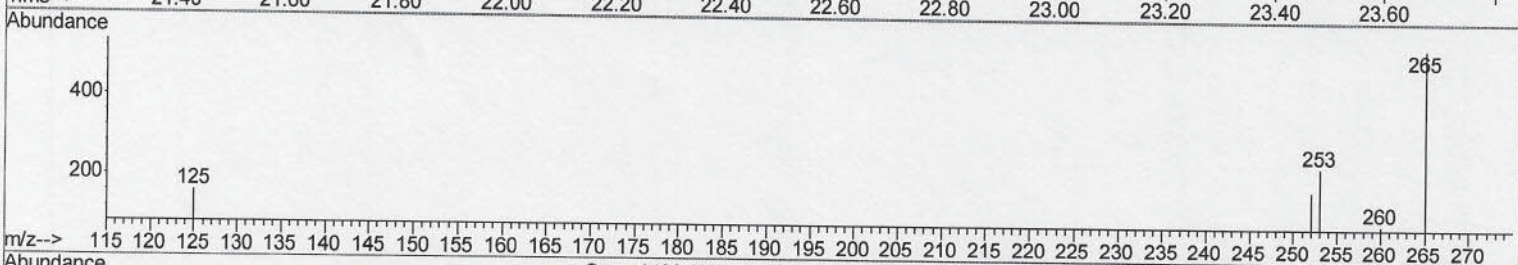
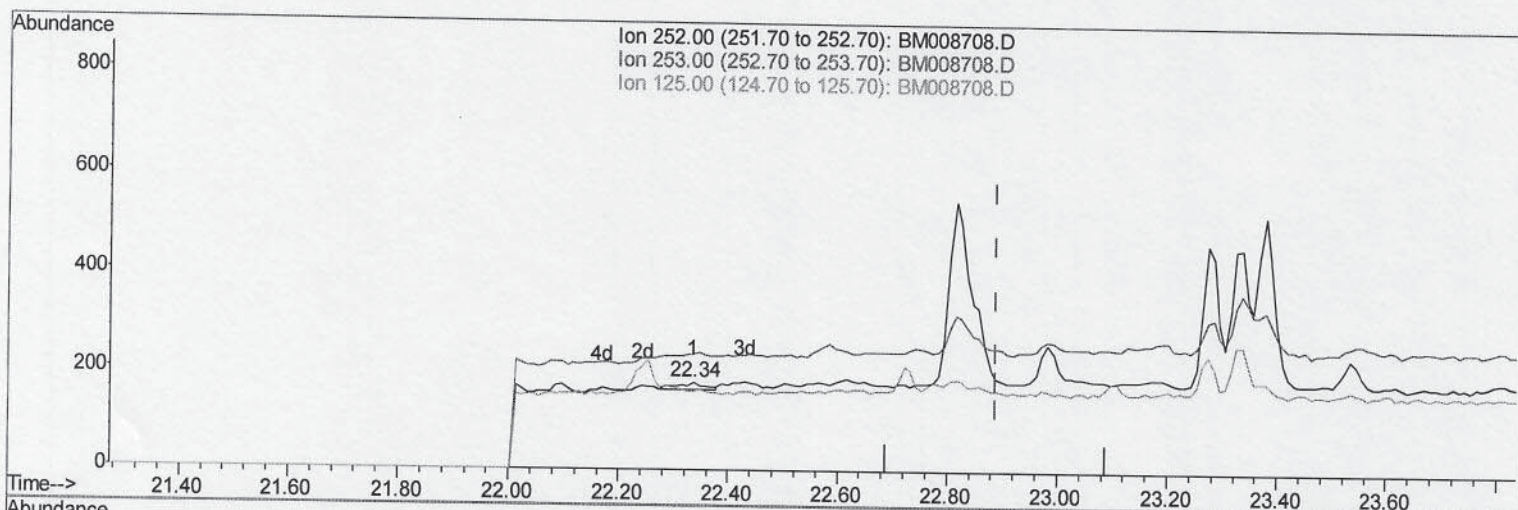
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:55:56 2016
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TIC: BM008708.D

(22) Benzo(k)fluoranthene
 22.336min (-0.553) 0.01ng/ui
 response 51

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	132.20#
125.00	17.10	90.40#
0.00	0.00	0.00

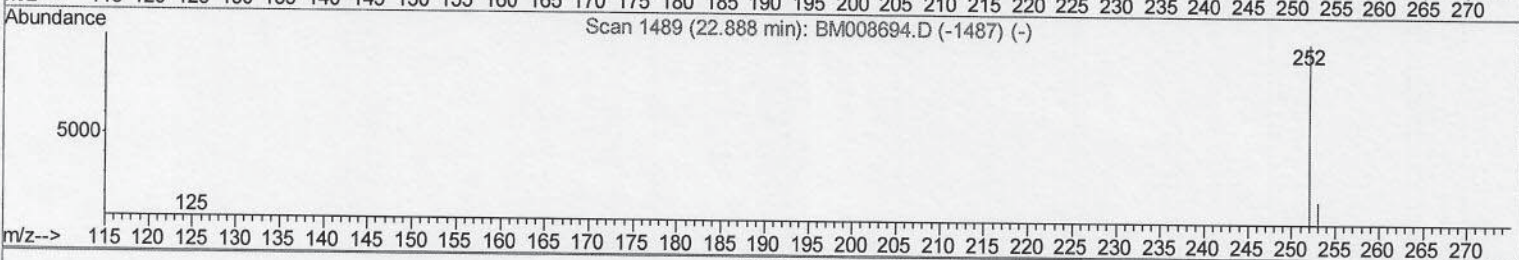
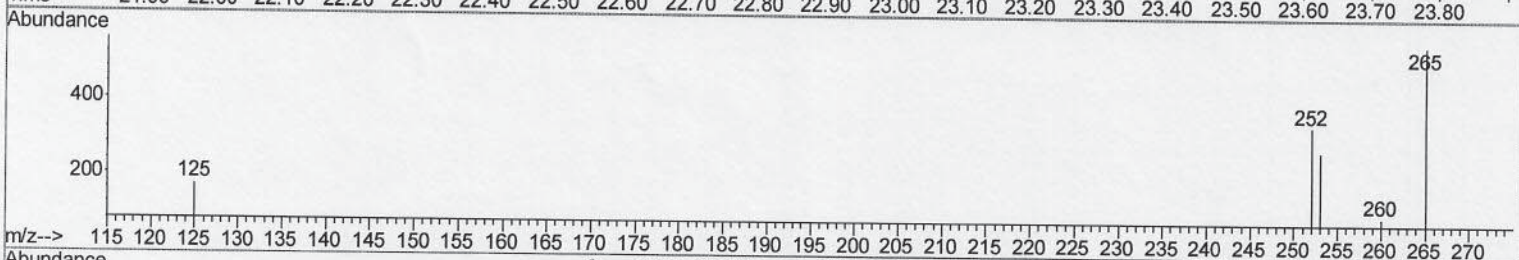
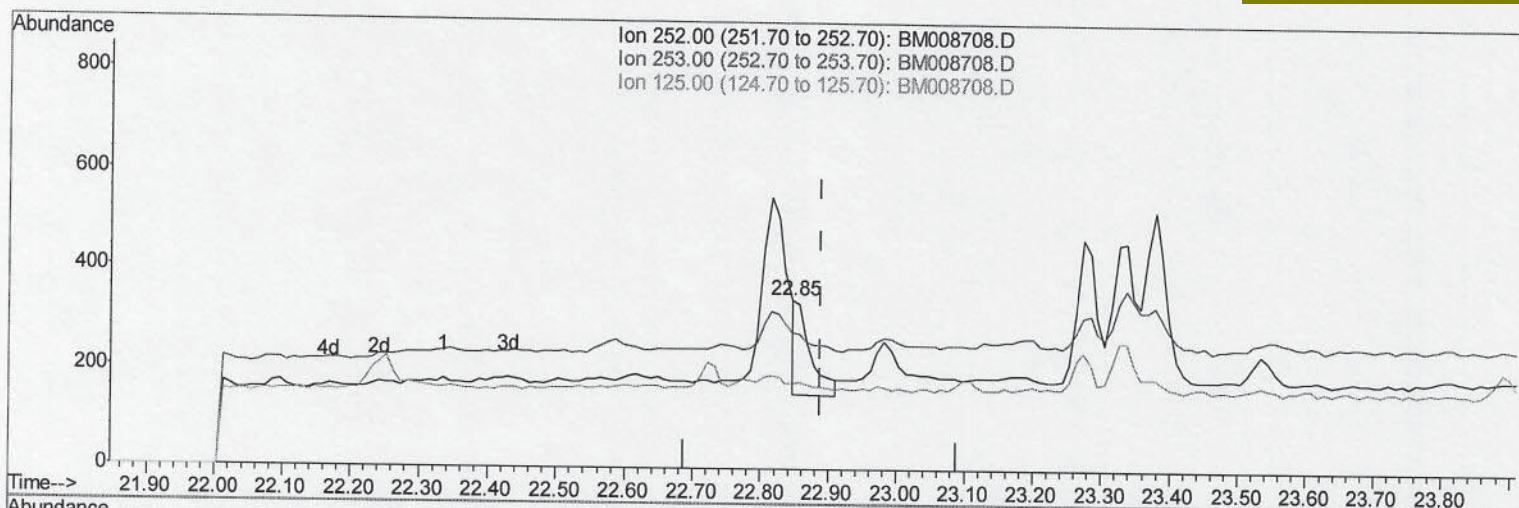
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:55:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008708.D

(22) Benzo(k)fluoranthene

22.847min (-0.042) 0.05ng/ul m

response 283

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	80.83#
125.00	17.10	50.44#
0.00	0.00	0.00

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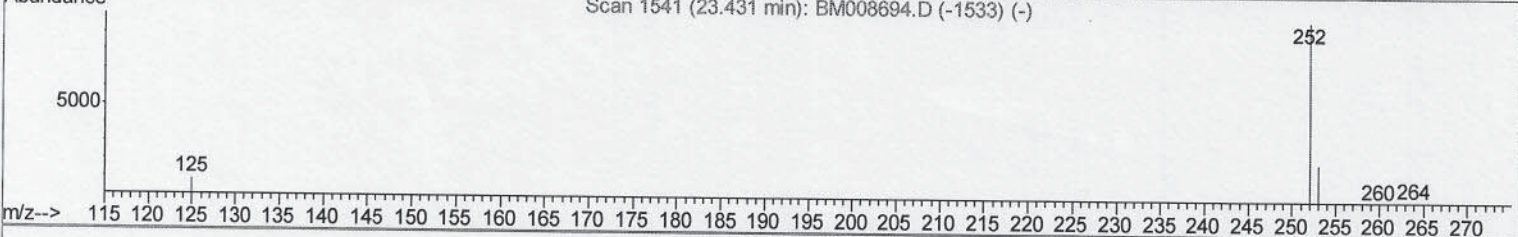
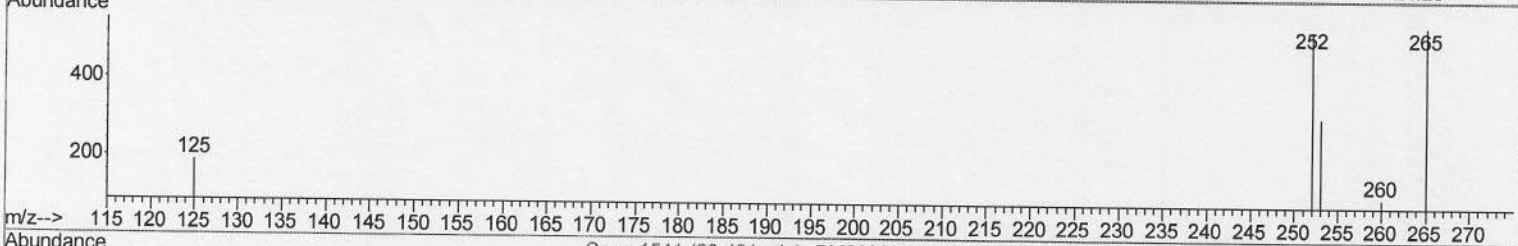
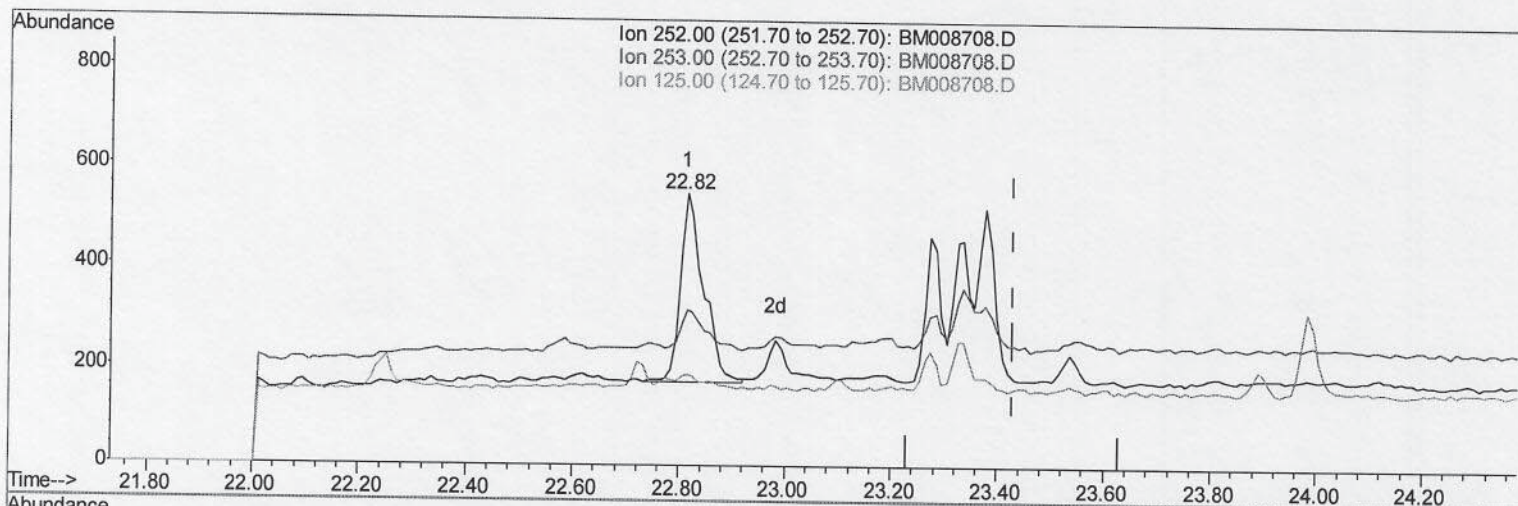
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Dec 29 05:55:56 2016
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Manual Integrations
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TIC: BM008708.D

(23) Benzo(a)pyrene (C)
 22.815min (-0.615) 0.21ng/ul
 response 1133

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	57.59#
125.00	22.60	34.19#
0.00	0.00	0.00

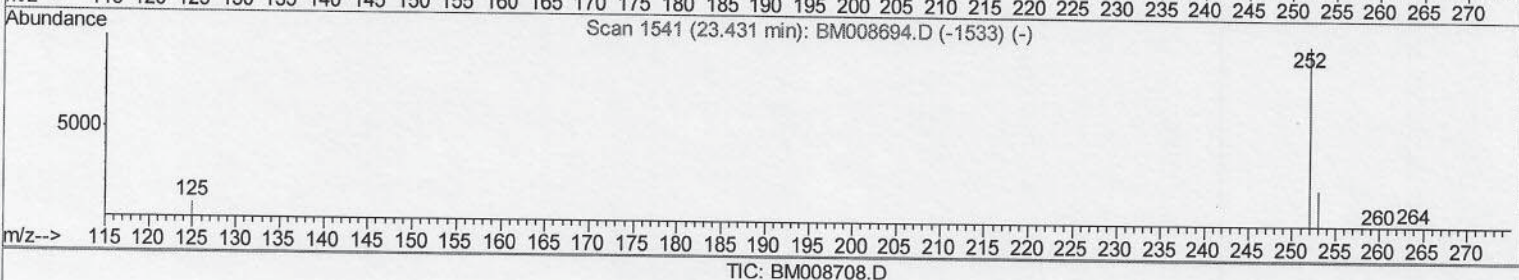
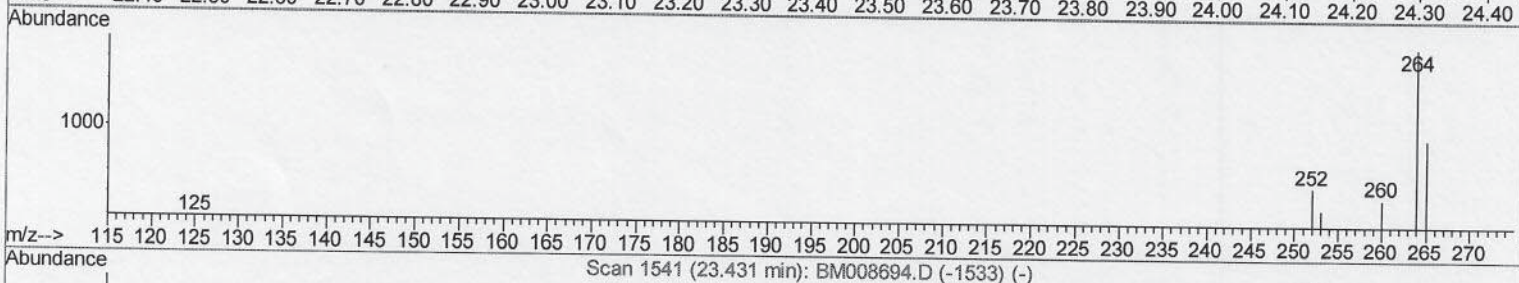
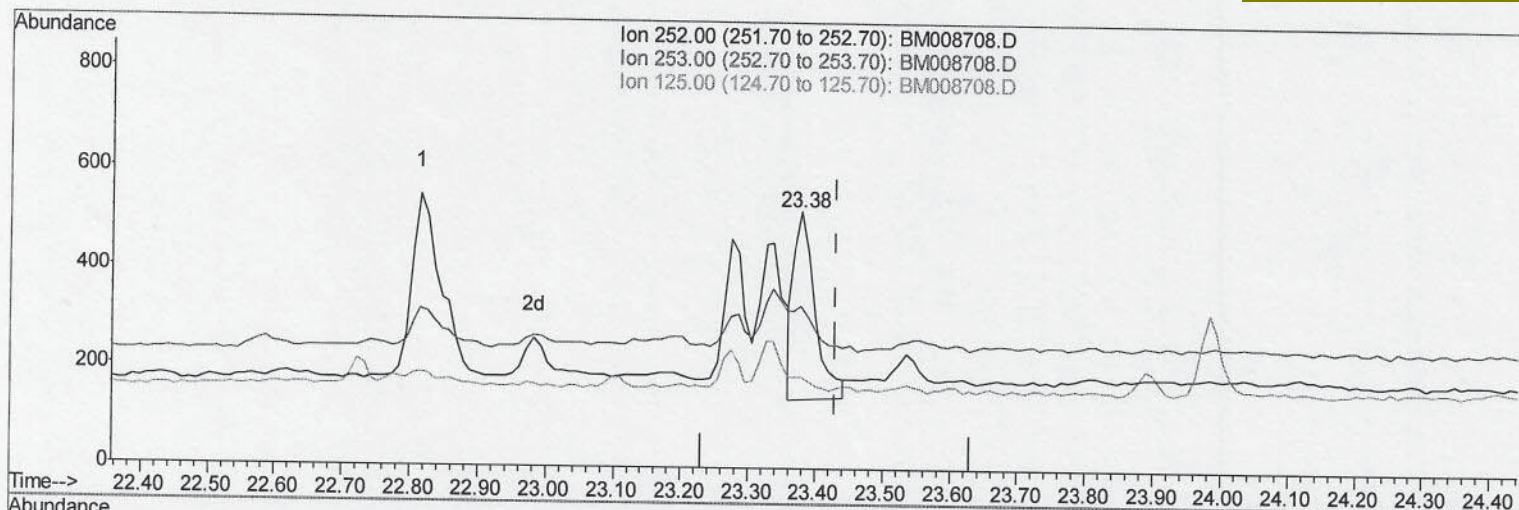
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:55:56 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 29 03:29:39 2016
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Manual Integrations
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TIC: BM008708.D

(23) Benzo(a)pyrene (C)

23.378min (-0.052) 0.16ng/ul m

response 854

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	62.84#
125.00	22.60	35.25#
0.00	0.00	0.00

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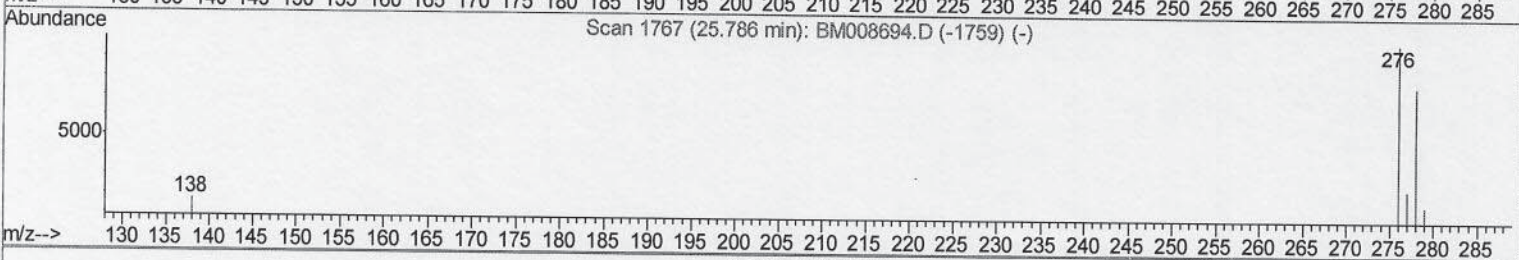
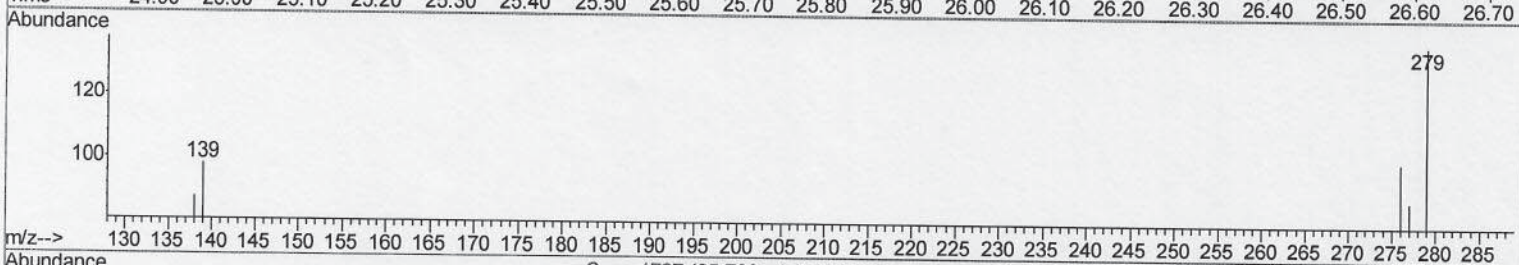
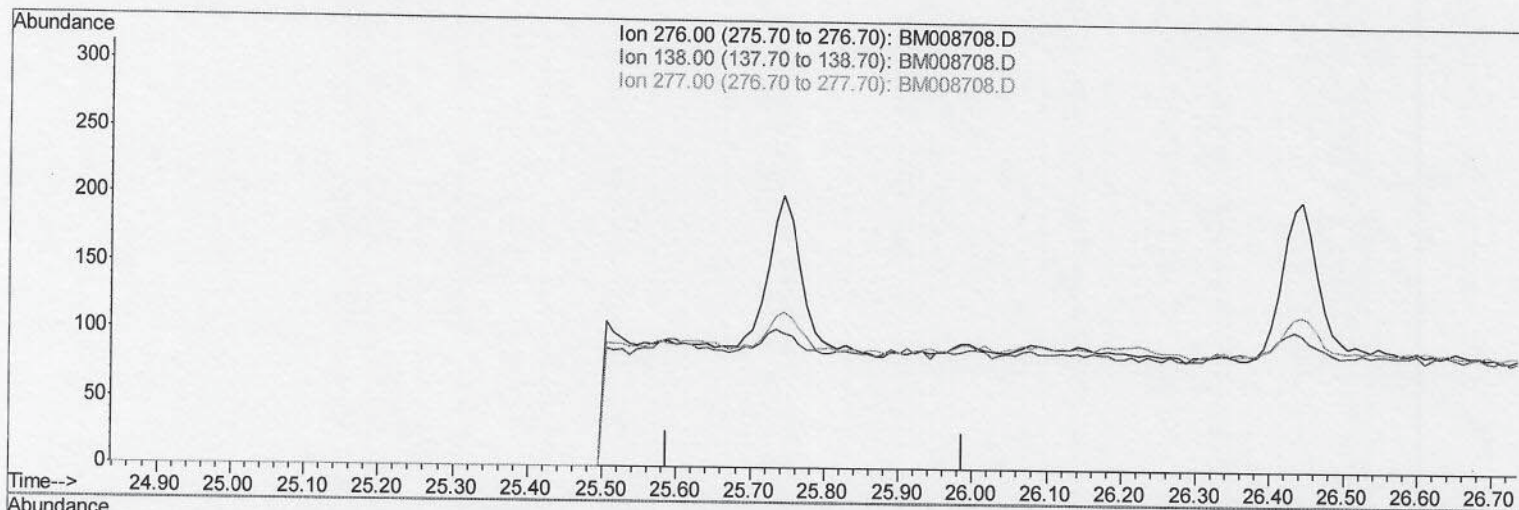
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA7H4

Quant Time: Dec 29 05:55:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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(24) Indeno(1,2,3-cd)pyrene
 25.786min (-25.786) 0.00ng/ul
 response 0

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

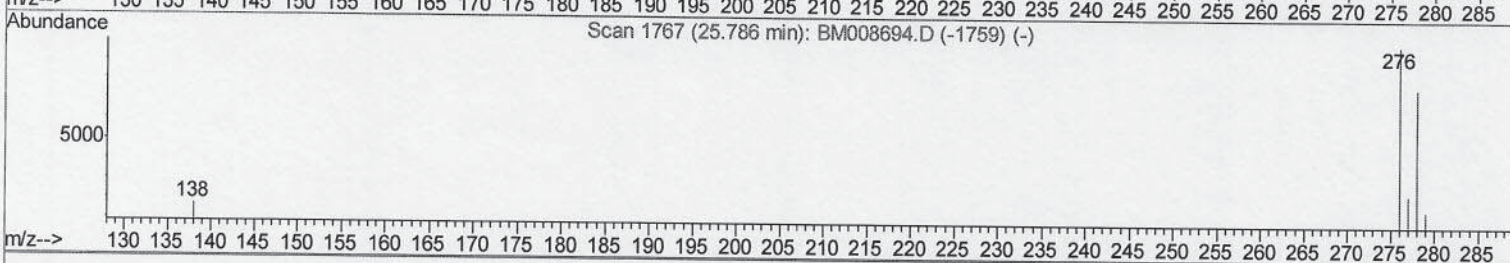
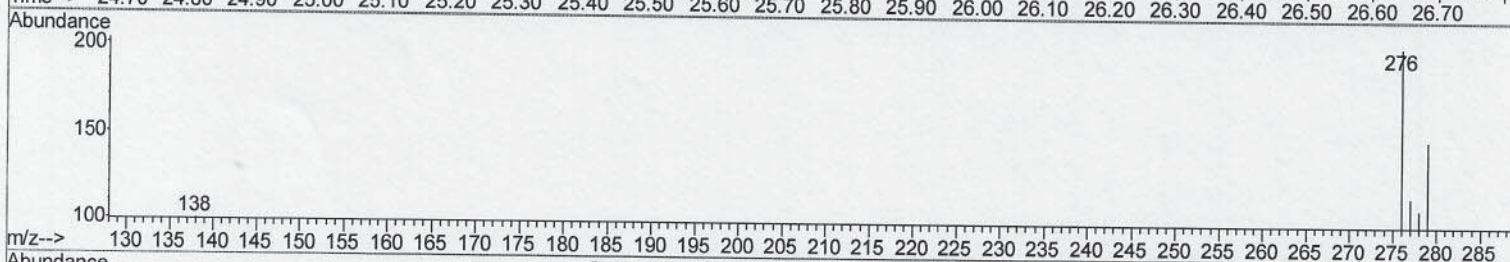
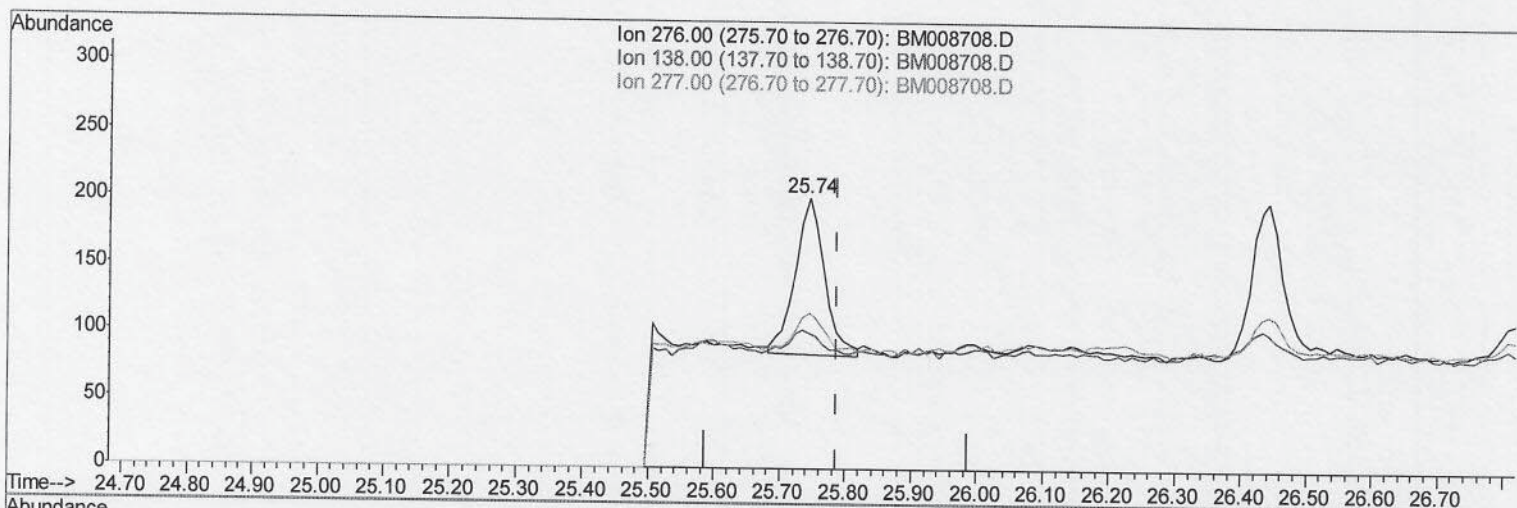
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA7H4

Quant Time: Dec 29 05:55:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Manual Integrations
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TIC: BM008708.D

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

25.745min (-0.042) 0.06ng/ul m

response 372

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

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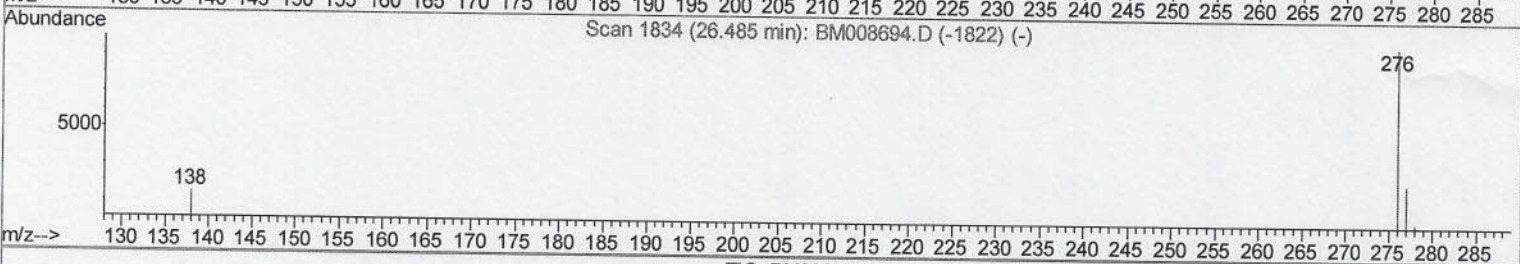
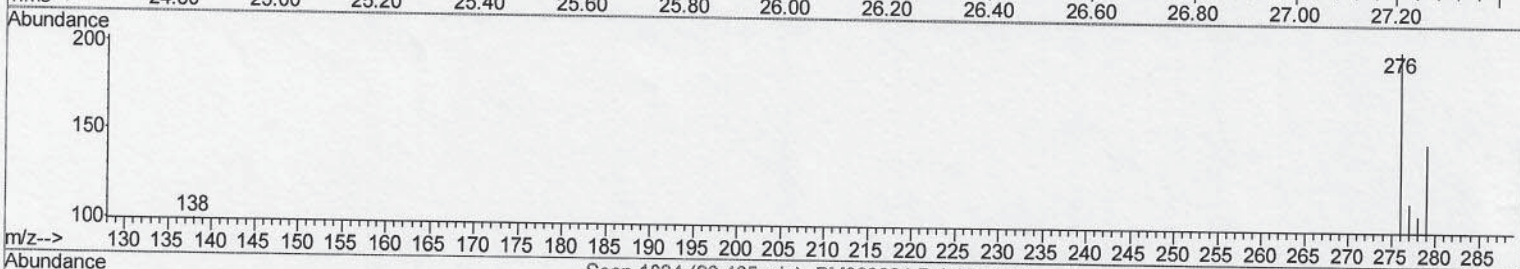
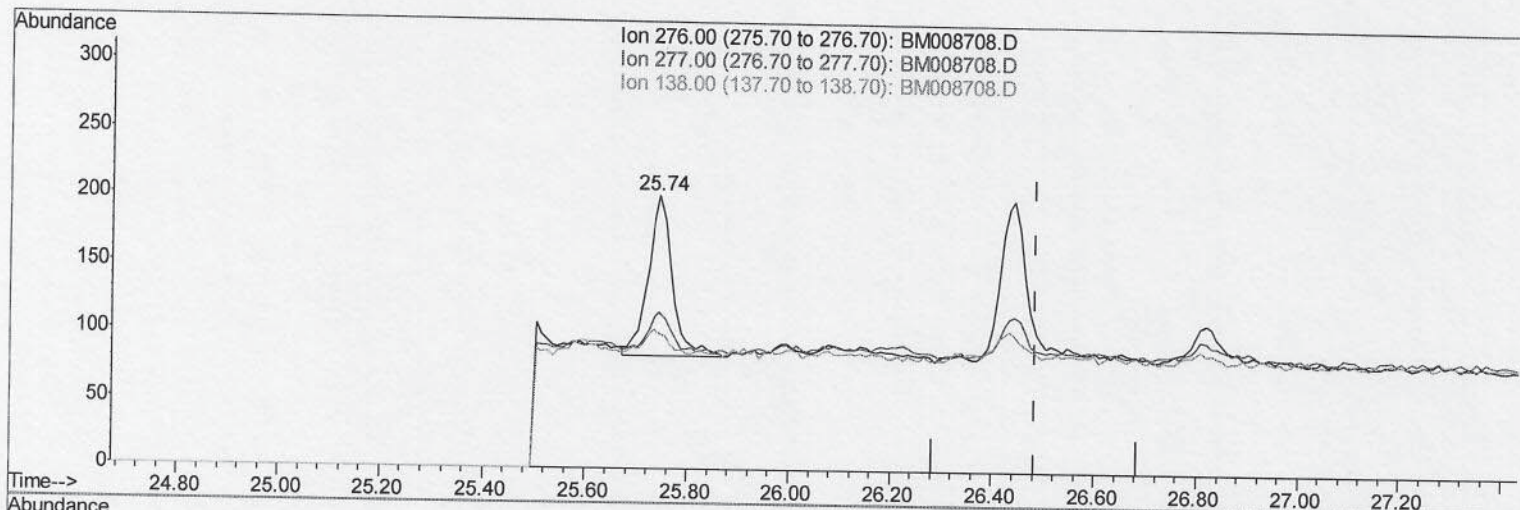
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

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Quant Time: Dec 29 05:55:56 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM008708.D

(26) Benzo(g,h,i)perylene
 25.745min (-0.740) 0.07ng/ui
 response 387

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	57.43#
138.00	25.60	49.50#
0.00	0.00	0.00

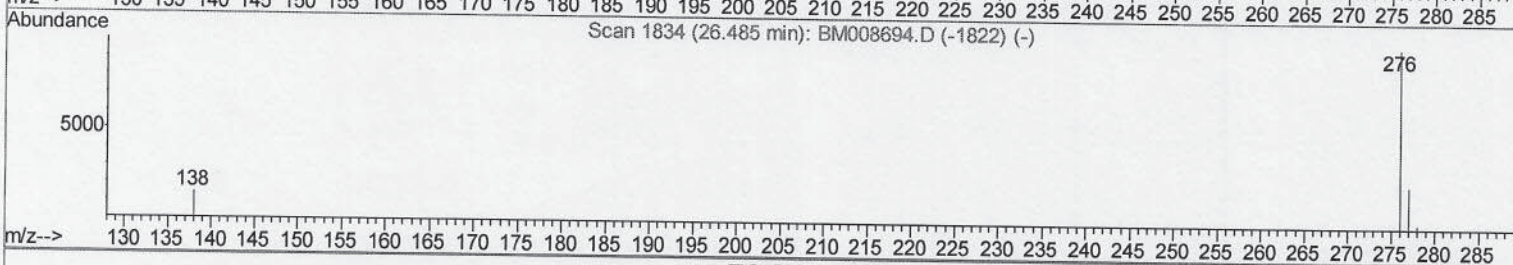
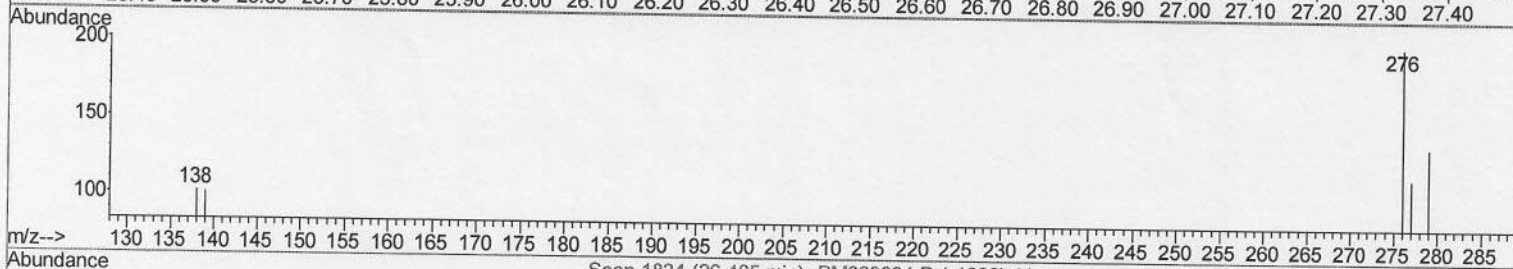
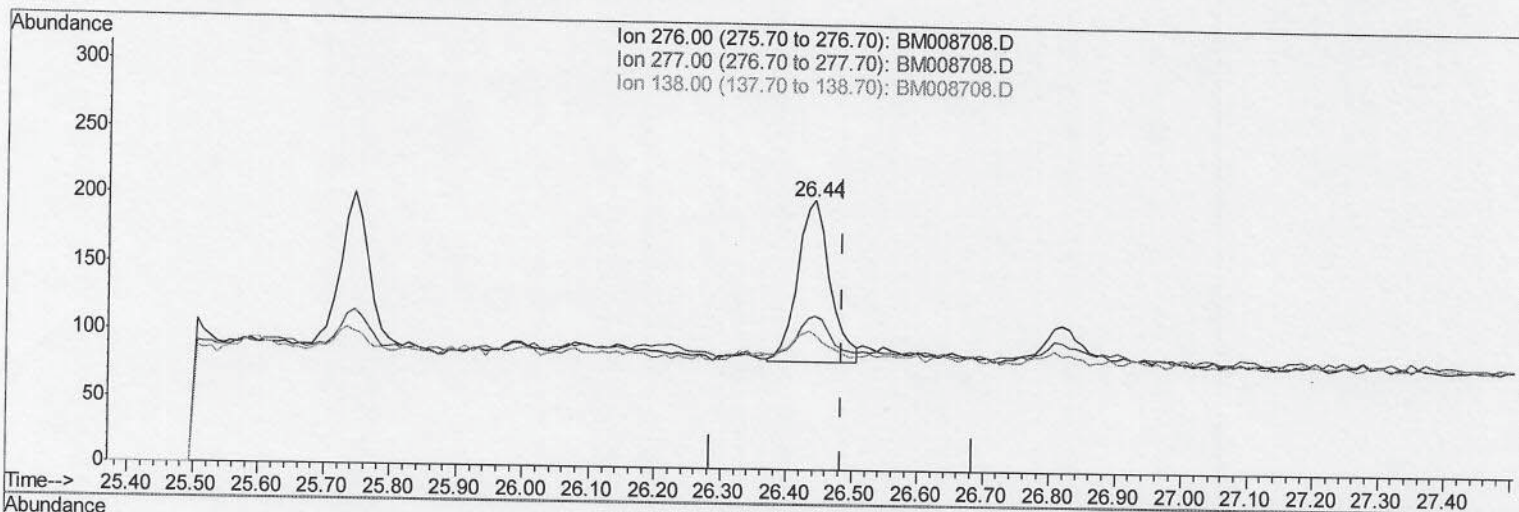
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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TIC: BM008708.D

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

26.443min (-0.042) 0.08ng/ul m

response 413

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	57.71#
138.00	25.60	50.75#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
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 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
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 DA7H4

Quant Time: Dec 29 05:59:01 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	489m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.42	136	1362	0.40	ng/ul	-0.15
6) Acenaphthene-d10	14.28	164	898m	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	1719m	0.40	ng/ul	-0.07
16) Chrysene-d12	21.26	240	1646m	0.40	ng/ul	-0.02
20) Perylene-d12	23.49	264	1465m	0.40	ng/ul	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	630	0.30	ng/ul	-0.14
14) Fluoranthene-d10	19.08	212	1631m	0.34	ng/ul	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	2629	0.69	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	3574	1.39	ng/ul	100
7) Acenaphthylene	14.00	152	420m	0.10	ng/ul	
8) Acenaphthene	14.33	153	262m	0.09	ng/ul	
9) Fluorene	15.34	166	449m	0.13	ng/ul	
12) Phenanthrene	17.07	178	5738m	1.09	ng/ul	
15) Fluoranthene	19.11	202	1332m	0.21	ng/ul	
17) Pyrene	19.47	202	1512m	0.24	ng/ul	
18) Benzo(a)anthracene	21.24	228	1033m	0.19	ng/ul	
19) Chrysene	21.29	228	1318m	0.22	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	986m	0.17	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	283m	0.05	ng/ul	
23) Benzo(a)pyrene	23.38	252	854m	0.16	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	372m	0.06	ng/ul	
26) Benzo(g,h,i)perylene	26.44	276	413m	0.08	ng/ul	

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

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H4

Quant Time: Dec 29 05:59:01 2016
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