

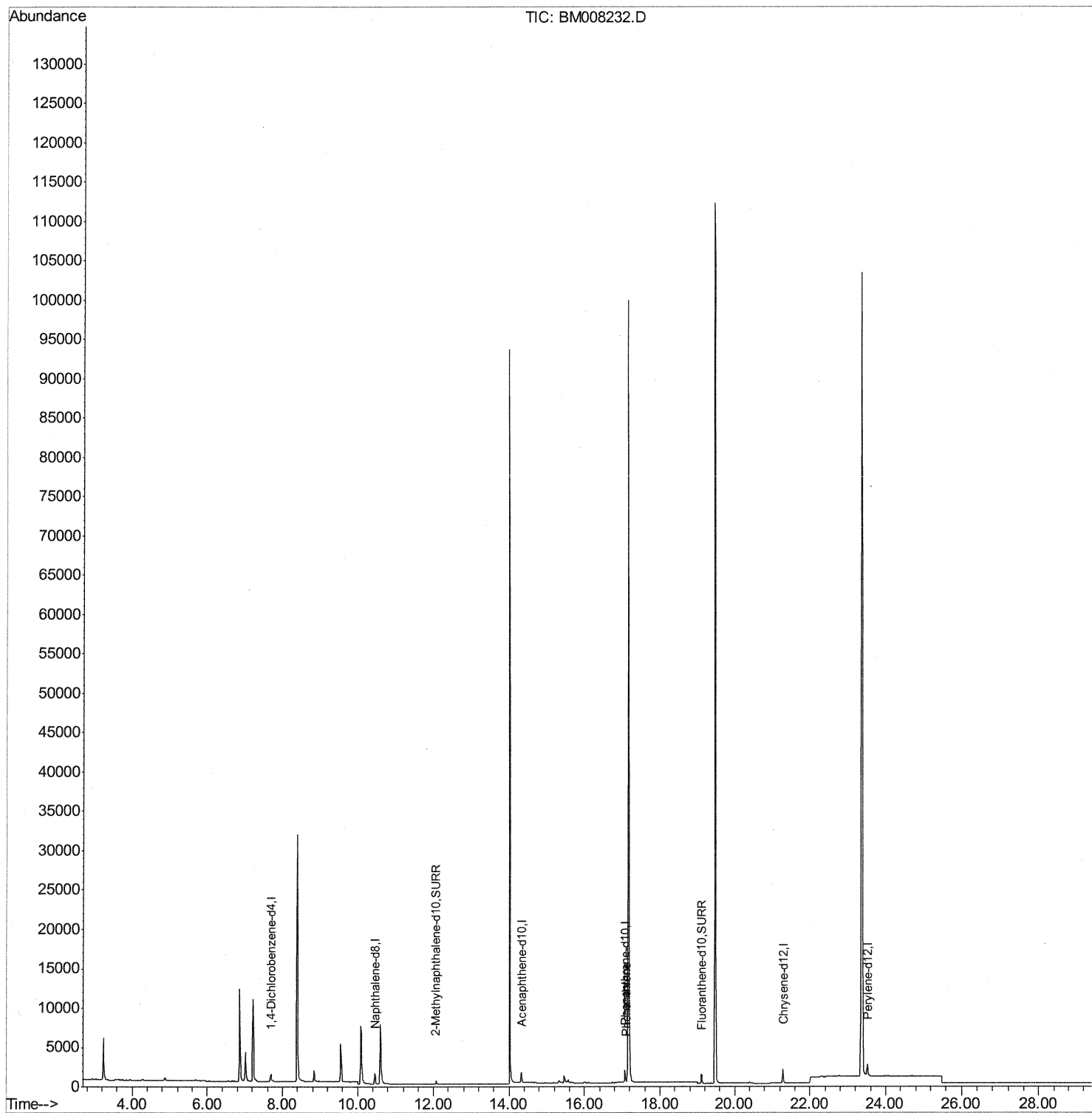
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008232.D
Acq On : 10 Dec 2016 15:04
Operator : UM/SJ
Sample : H5905-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA814

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:20 PM

Quant Time: Dec 12 03:30:53 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration



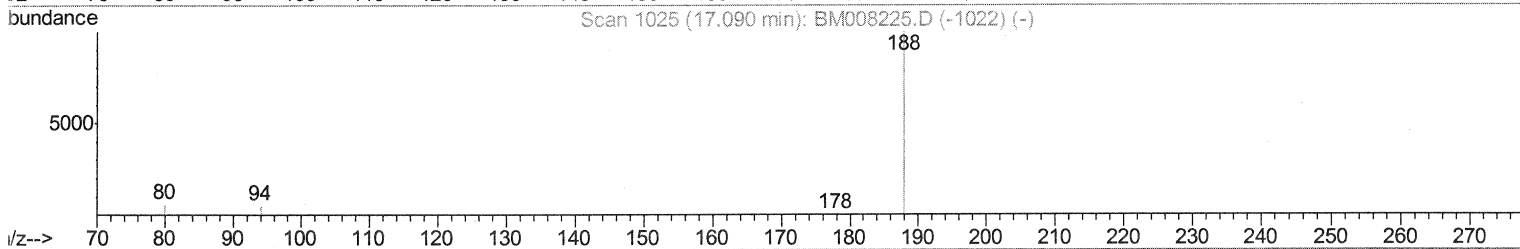
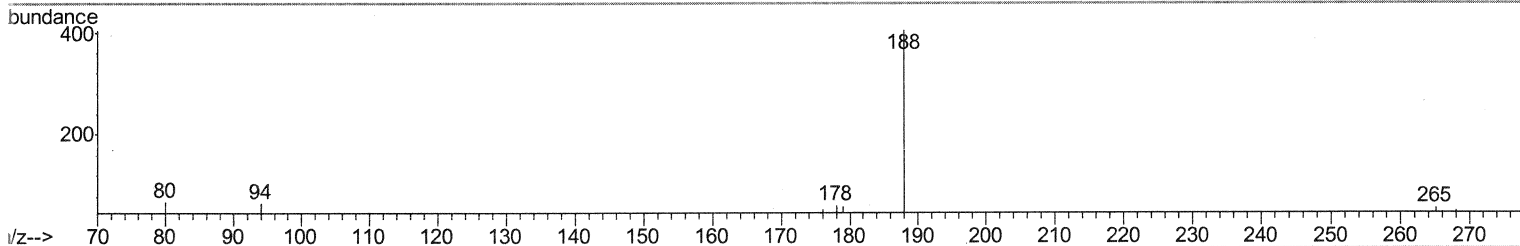
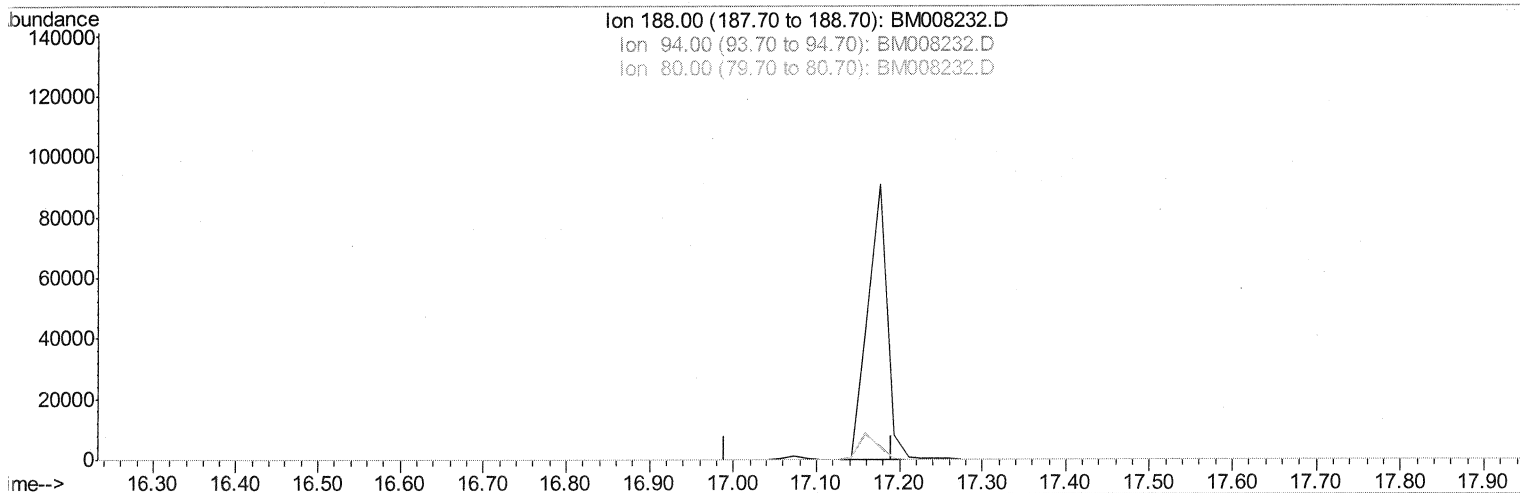
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008232.D
Acq On : 10 Dec 2016 15:04
Operator : UM/SJ
Sample : H5905-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA814

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:20 PM

Quant Time: Dec 12 02:48:40 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration



TIC: BM008232.D

(10) Phenanthrene-d10 (I)

17.090min (-17.090) 0.00ng/ul

response 0

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

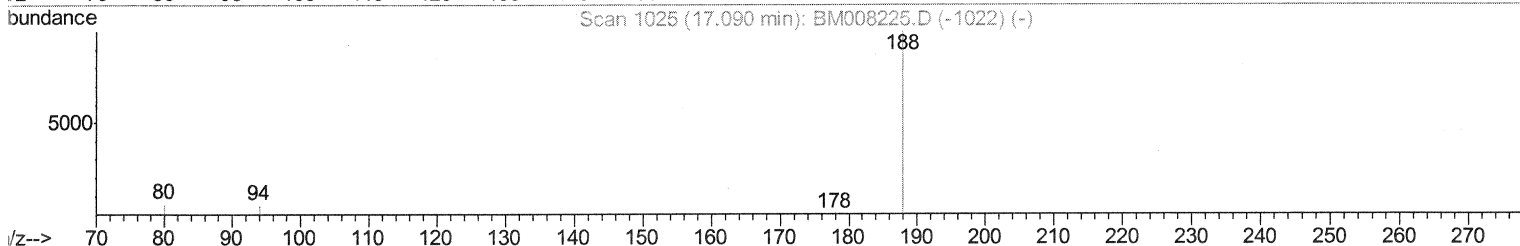
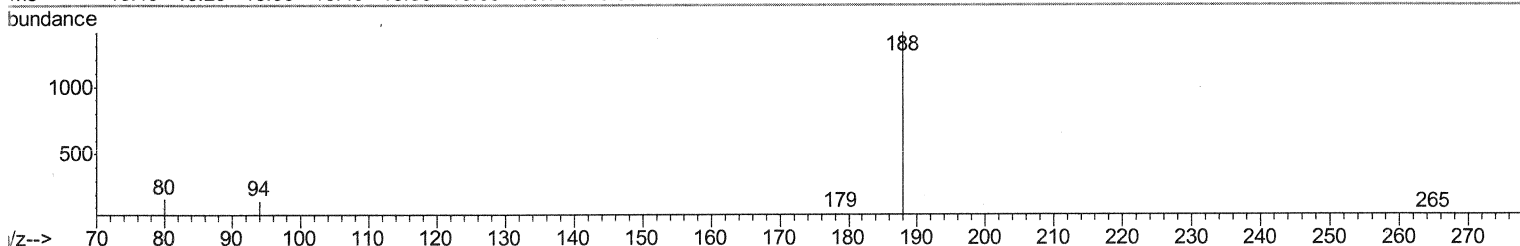
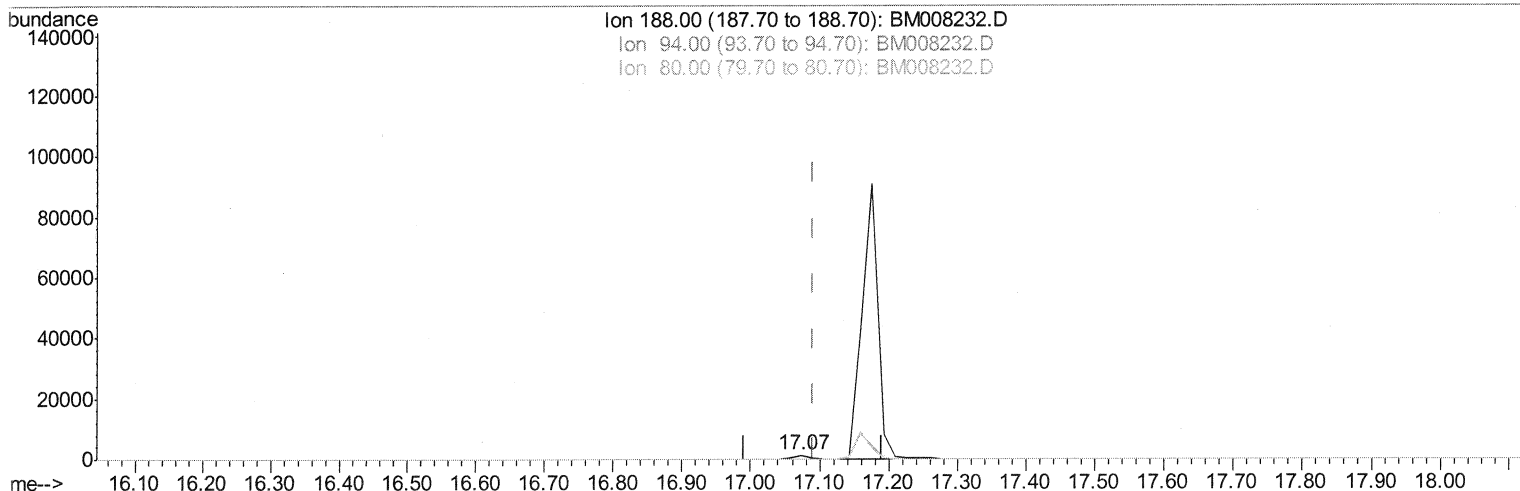
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008232.D
 Acq On : 10 Dec 2016 15:04
 Operator : UM/SJ
 Sample : H5905-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA814

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:50:20 PM

Quant Time: Dec 12 02:48:40 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 02:45:24 2016
 Response via : Initial Calibration



TIC: BM008232.D

(10) Phenanthrene-d10 (I)

17.073min (-0.017) 0.40ng/ul m

SJ 12/12/16

response 2008

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.68
80.00	11.80	11.67
0.00	0.00	0.00

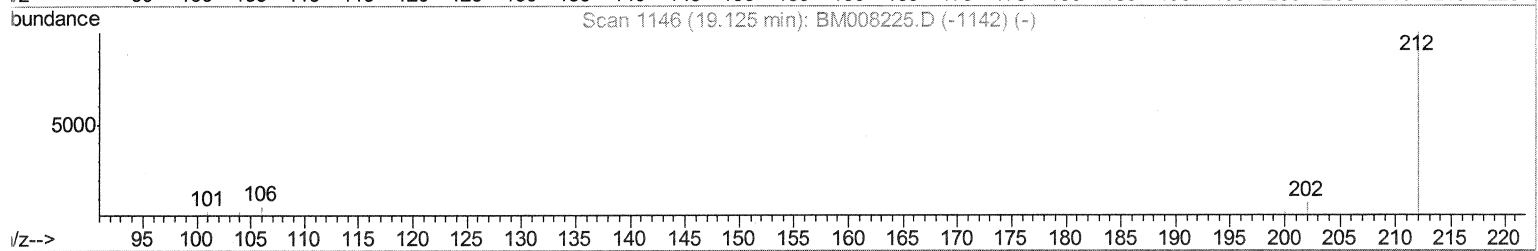
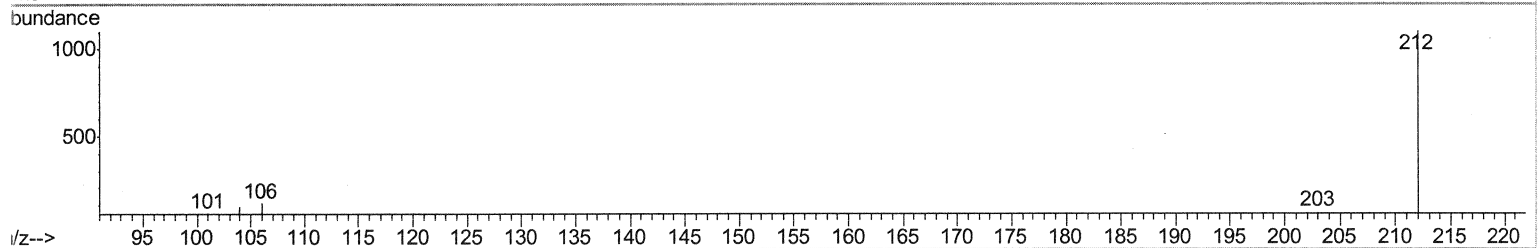
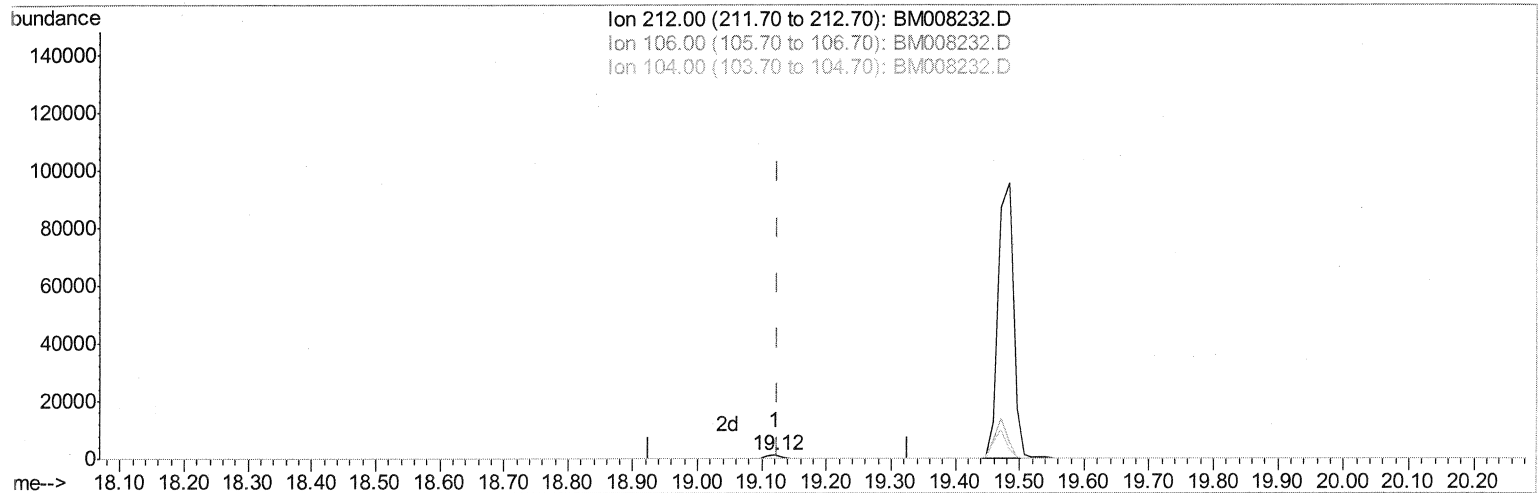
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008232.D
Acq On : 10 Dec 2016 15:04
Operator : UM/SJ
Sample : H5905-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA814

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:20 PM

Quant Time: Dec 12 03:29:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration



TIC: BM008232.D

(14) Fluoranthene-d10 (SURR)

19.120min (-0.005) 0.36ng/ul

response 2024

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	21.00
104.00	15.60	17.19
0.00	0.00	0.00

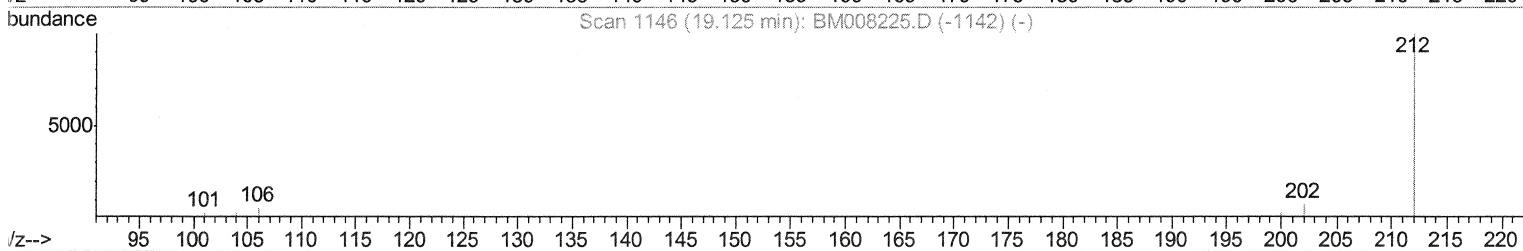
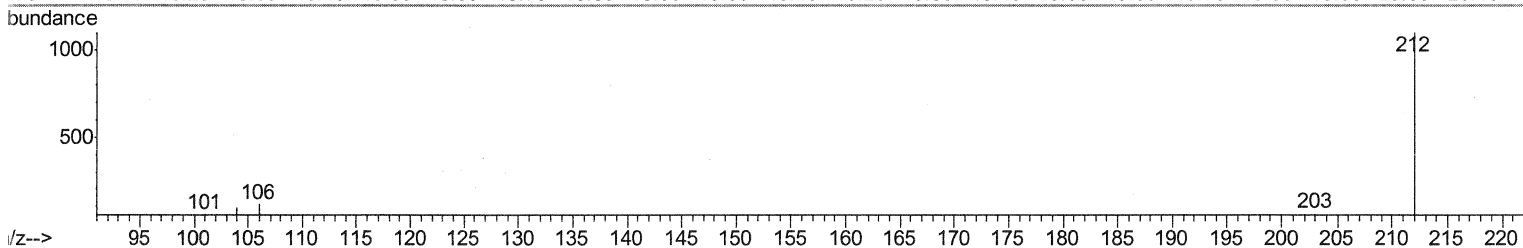
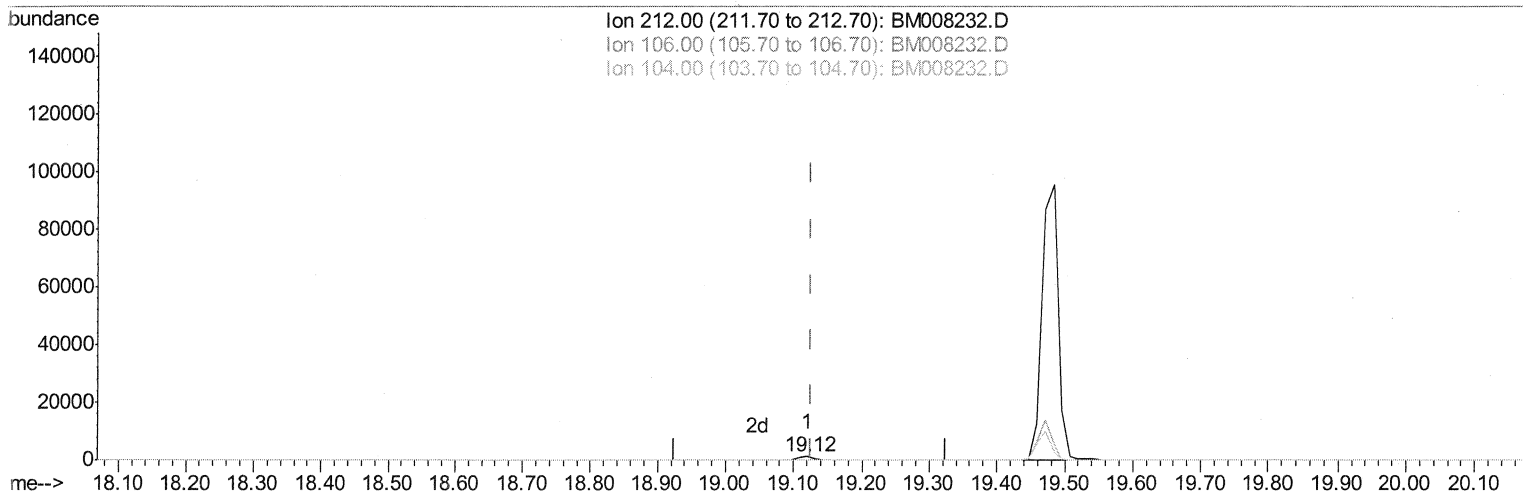
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008232.D
Acq On : 10 Dec 2016 15:04
Operator : UM/SJ
Sample : H5905-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA814

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:20 PM

Quant Time: Dec 12 03:29:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration



TIC: BM008232.D

(14) Fluoranthene-d10 (SURR)

19.120min (-0.005) 0.31ng/ul m

5J 12/12/16

response 1786

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	23.80#
104.00	15.60	19.48#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008232.D
 Acq On : 10 Dec 2016 15:04
 Operator : UM/SJ
 Sample : H5905-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA814

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:50:20 PM

Quant Time: Dec 12 03:30:53 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM12116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 02:45:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	610	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	1960	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1118	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	2008m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1955	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	2048	0.40	ng/ul	0.00

SJ 12/12/16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.07	152	875	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.12	212	1786m	0.31	ng/ul	0.00

SJ 12/12/16

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	17.11	178	172	0.03	ng/ul#	41

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