

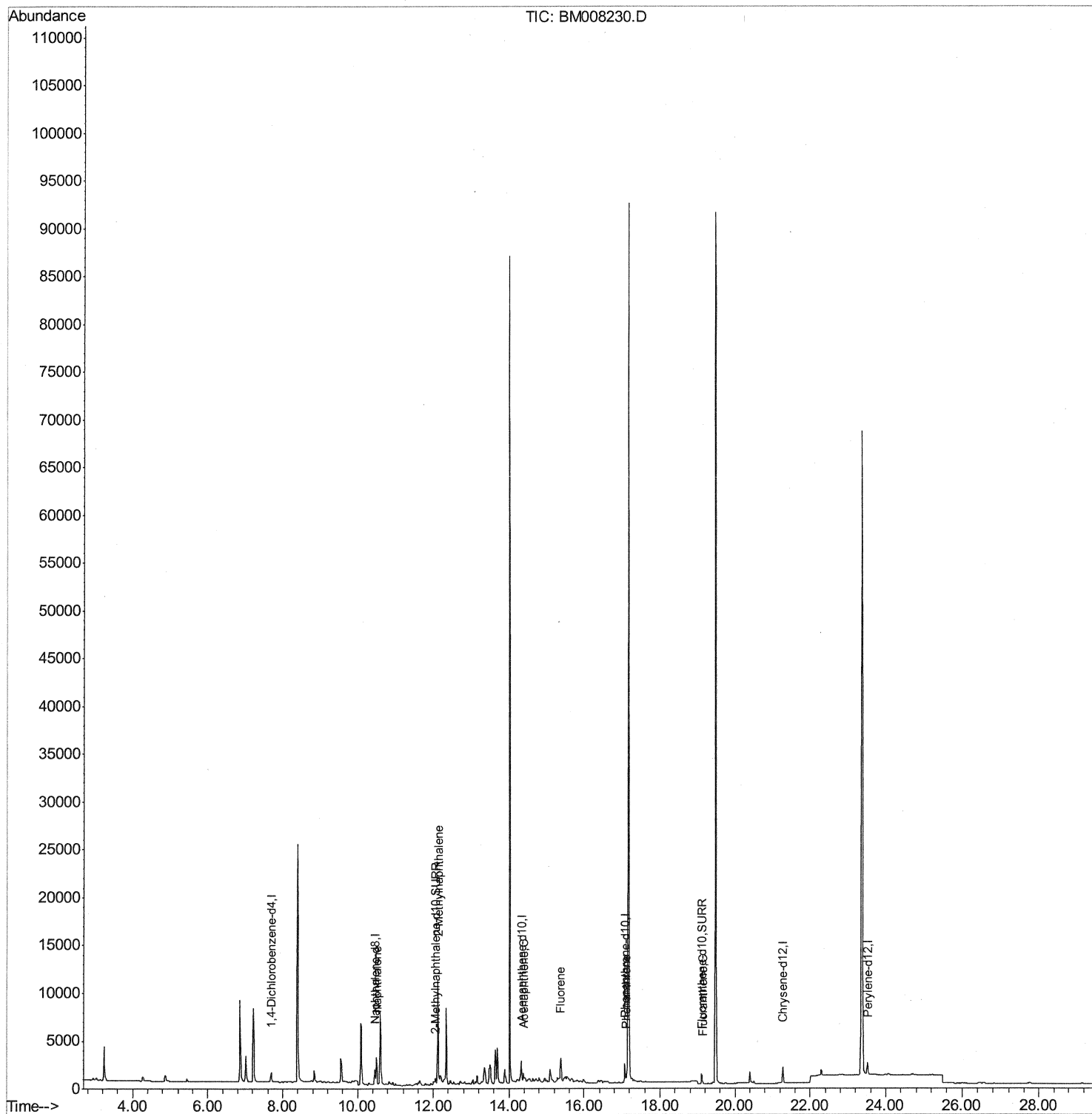
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008230.D
Acq On : 10 Dec 2016 13:51
Operator : UM/SJ
Sample : H5905-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA805

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:18 PM

Quant Time: Dec 12 03:12:31 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



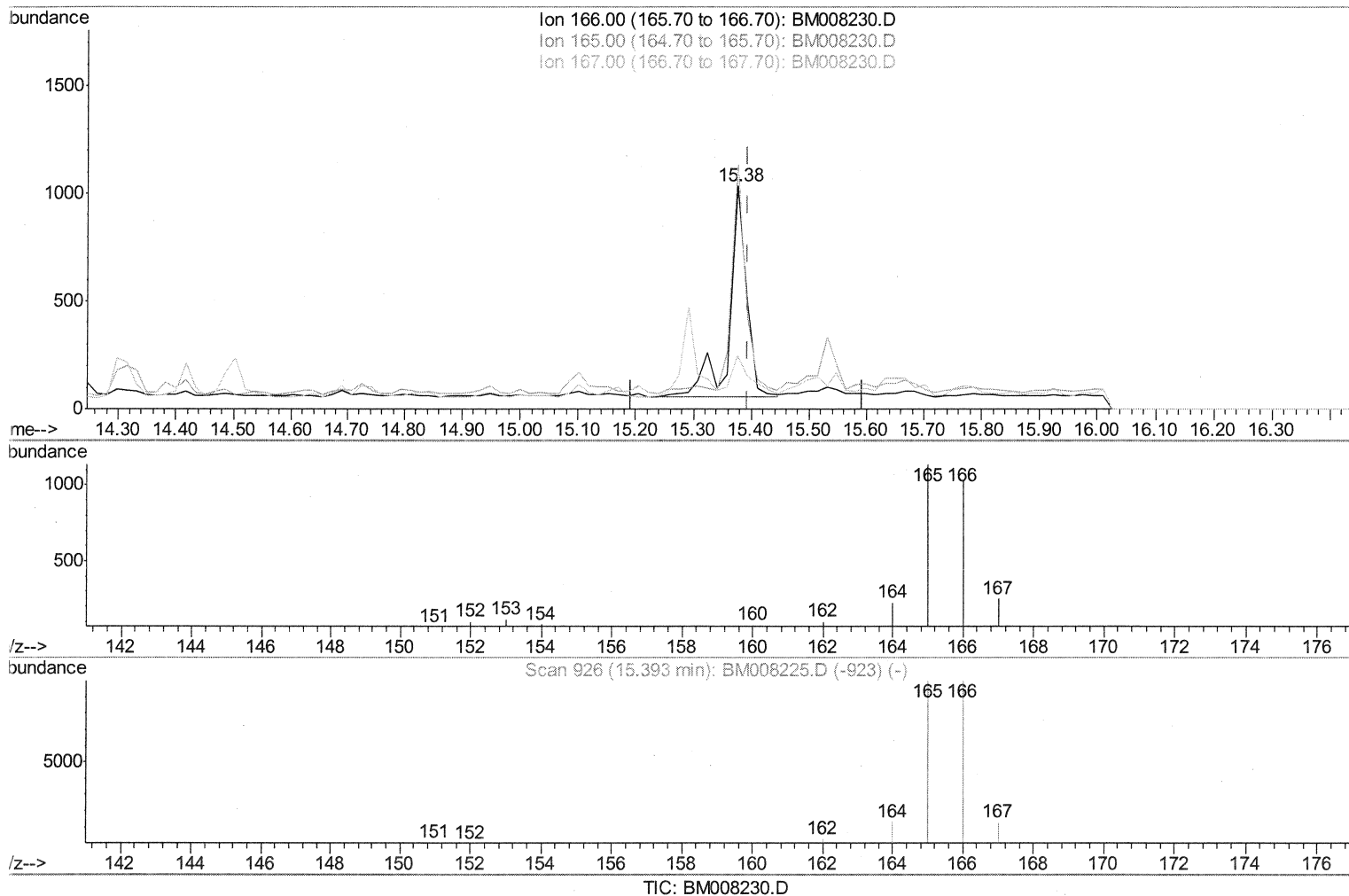
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Manual Integrations
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12/12/2016 6:50:18 PM

Quant Time: Dec 12 02:48:23 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
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(9) Fluorene

15.376min (-0.017) 0.35ng/ul

response 1964

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	109.57
167.00	18.30	24.06#
0.00	0.00	0.00

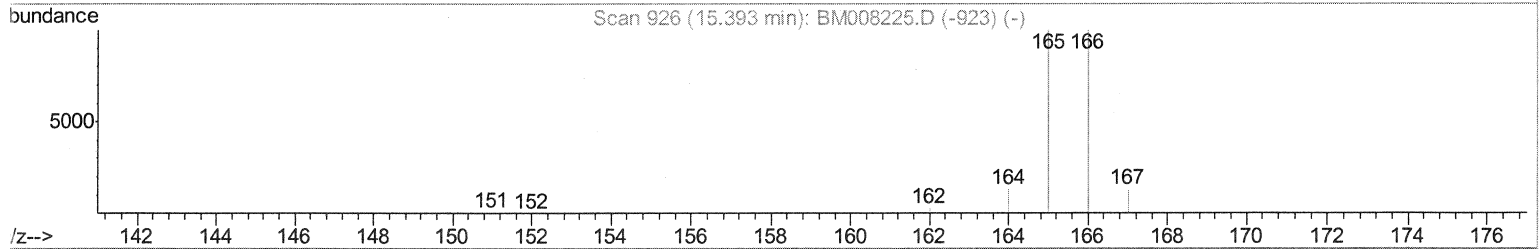
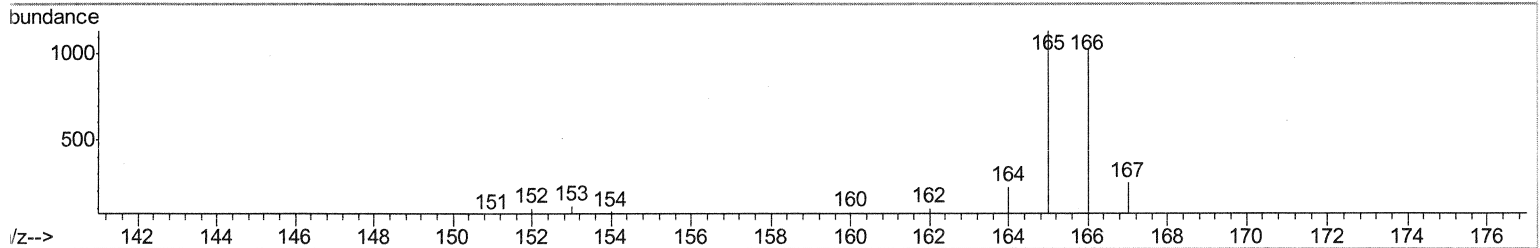
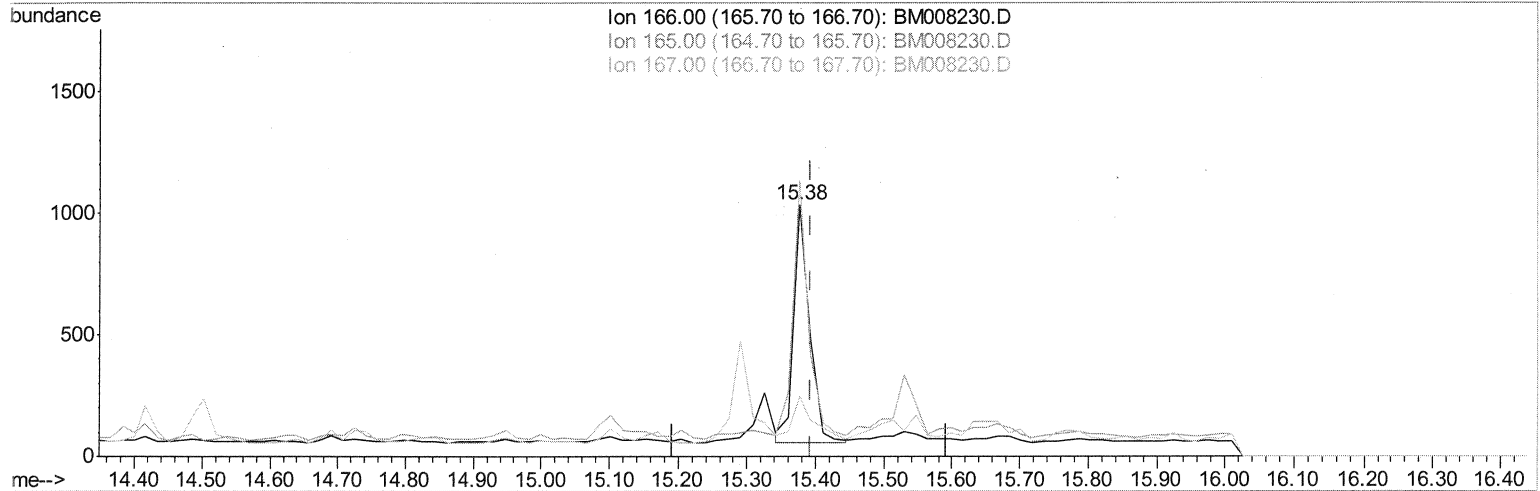
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TIC: BM008230.D

(9) Fluorene

15.376min (-0.017) 0.29ng/ul m SJ 12/12/16

response 1620

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	109.57
167.00	18.30	24.06#
0.00	0.00	0.00

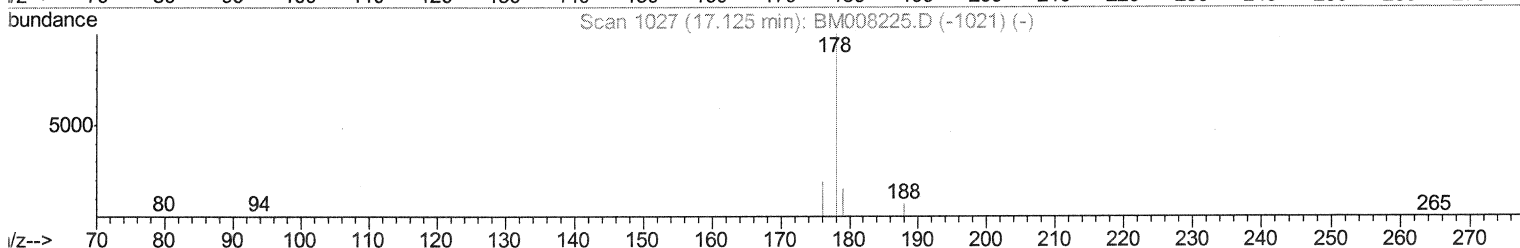
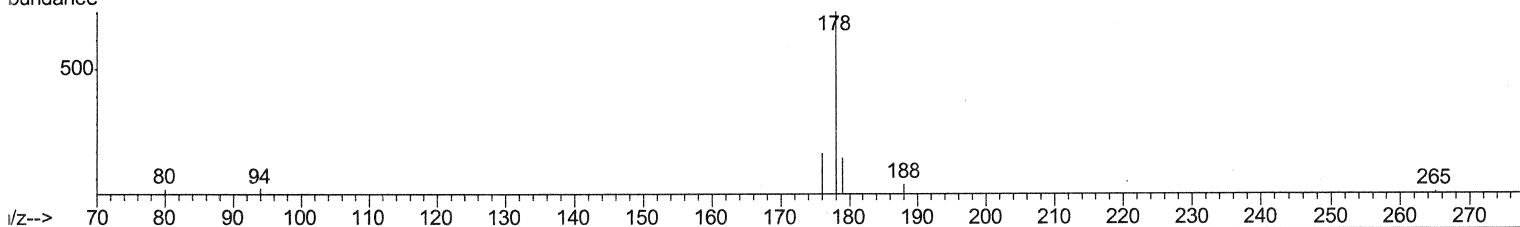
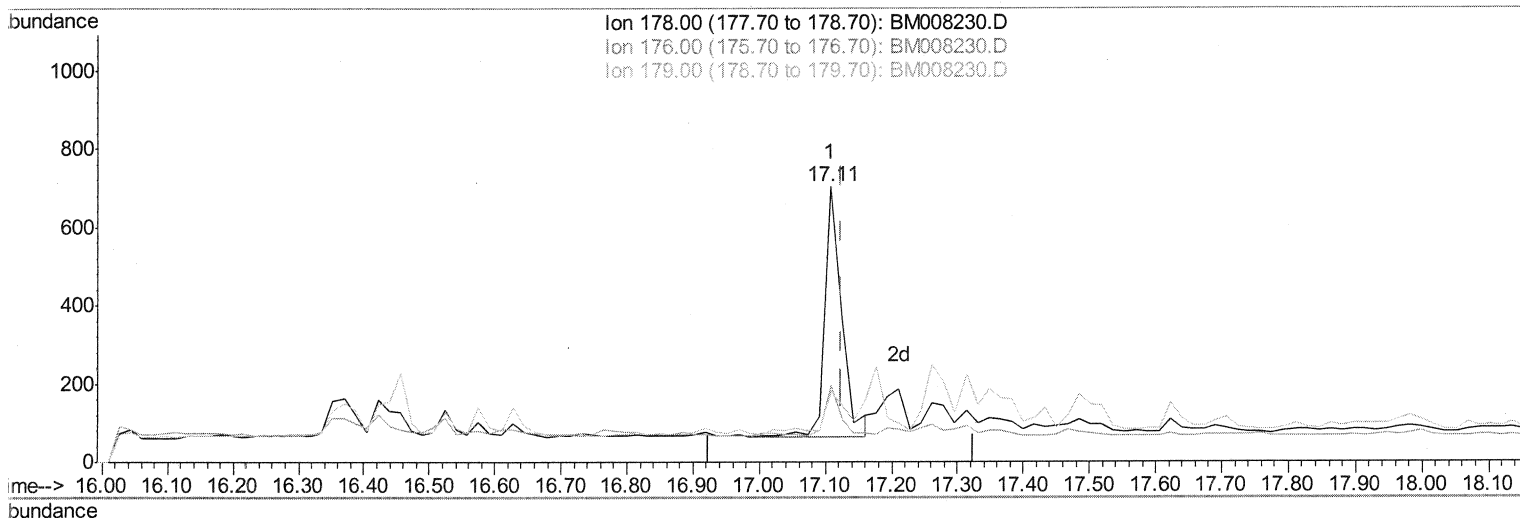
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008230.D
Acq On : 10 Dec 2016 13:51
Operator : UM/SJ
Sample : H5905-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM008230.D

(12) Phenanthrene

17.108min (-0.017) 0.15ng/ul

response 1141

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	27.80#
179.00	17.00	25.25#
0.00	0.00	0.00

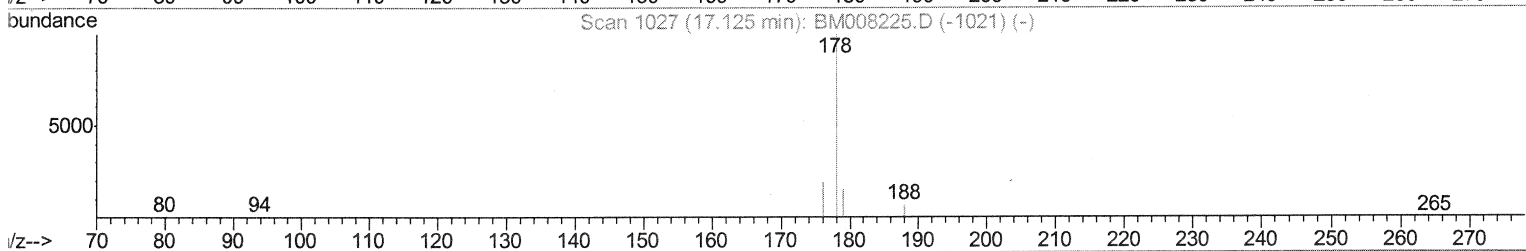
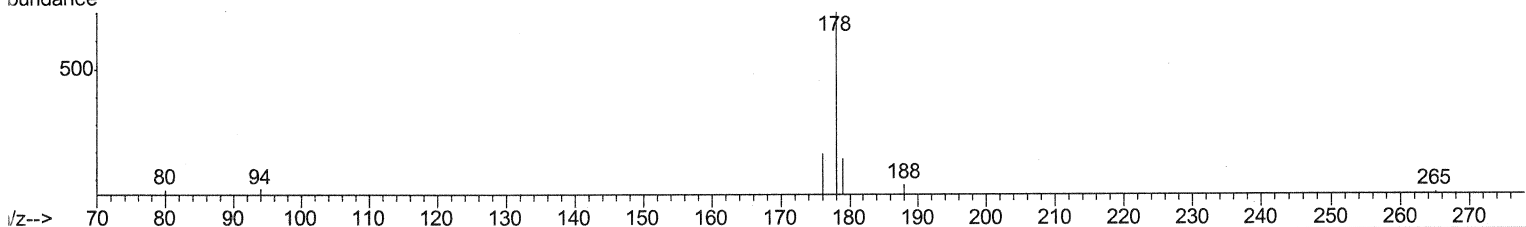
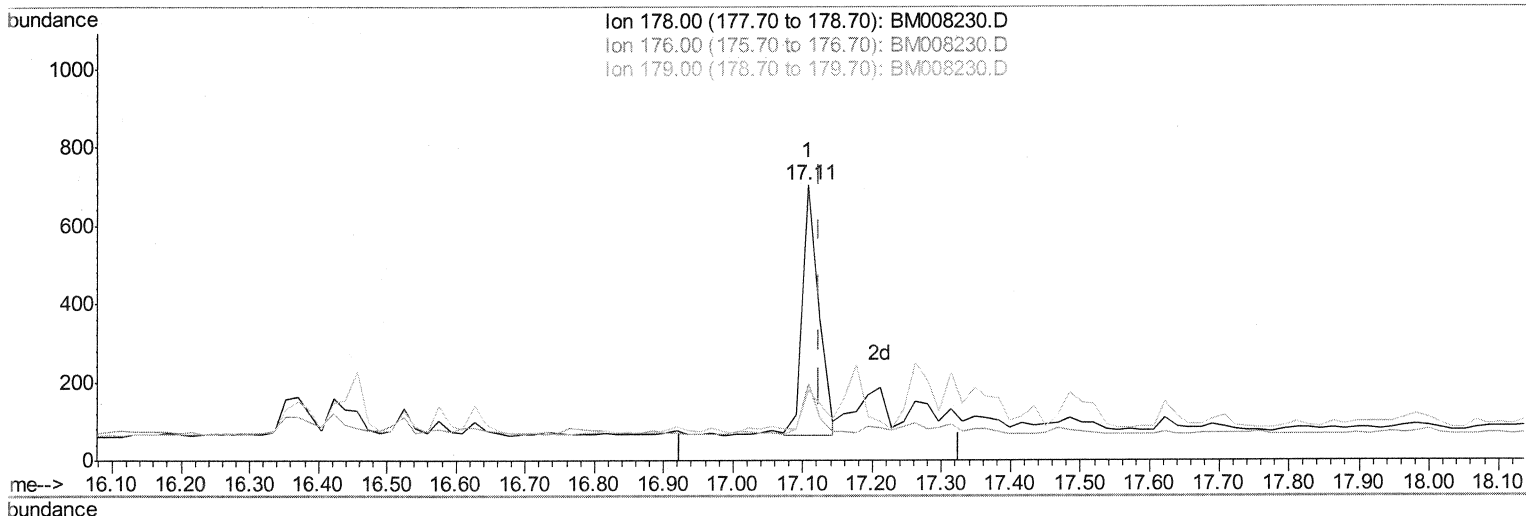
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008230.D
Acq On : 10 Dec 2016 13:51
Operator : UM/SJ
Sample : H5905-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA805

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:18 PM

Quant Time: Dec 12 02:48:23 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
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TIC: BM008230.D

(12) Phenanthrene

17.108min (-0.017) 0.13ng/ul m

SJ 12/12/16

response 1051

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	27.80#
179.00	17.00	25.25#
0.00	0.00	0.00

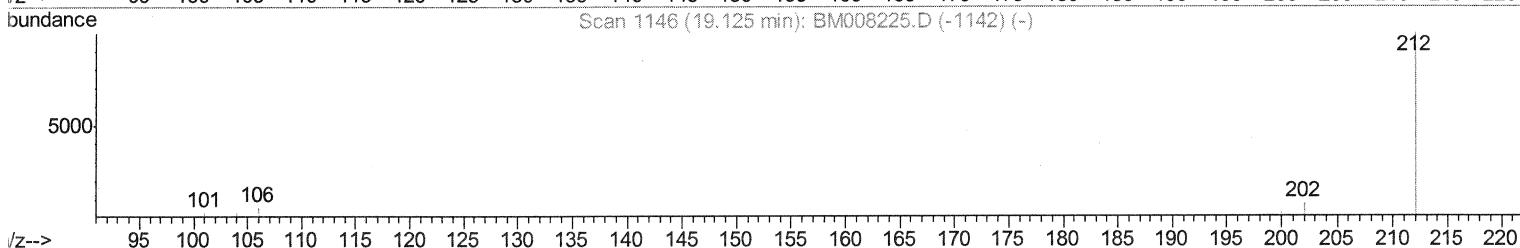
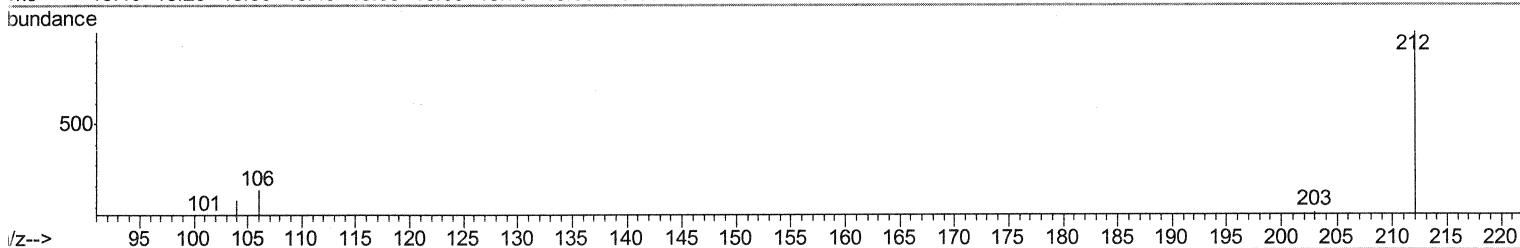
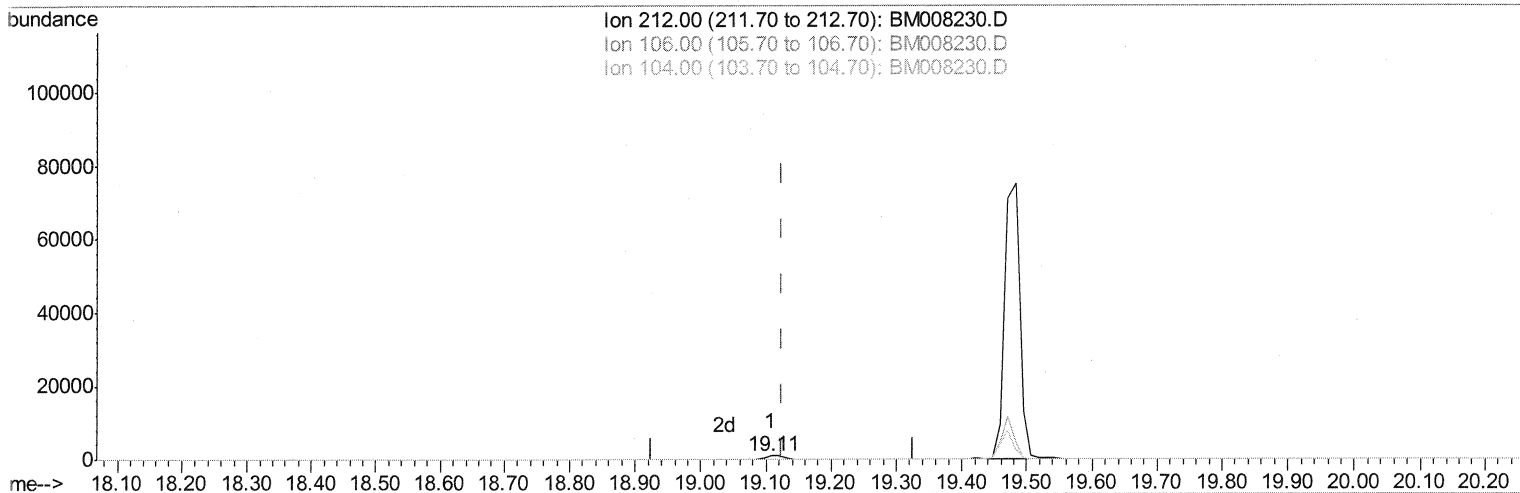
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008230.D
 Acq On : 10 Dec 2016 13:51
 Operator : UM/SJ
 Sample : H5905-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA805

Manual Integrations
 APPROVED

UMANGI
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Quant Time: Dec 12 02:48:23 2016
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TIC: BM008230.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.017) 0.25ng/ul

response 1769

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	26.00#
104.00	15.60	22.67#
0.00	0.00	0.00

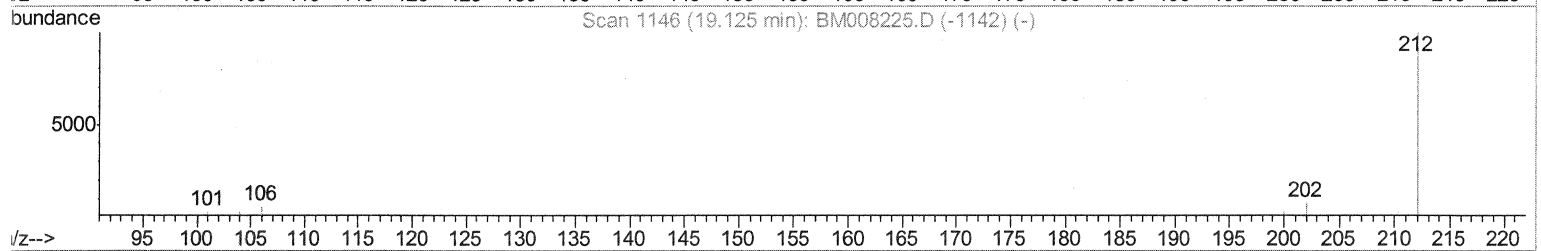
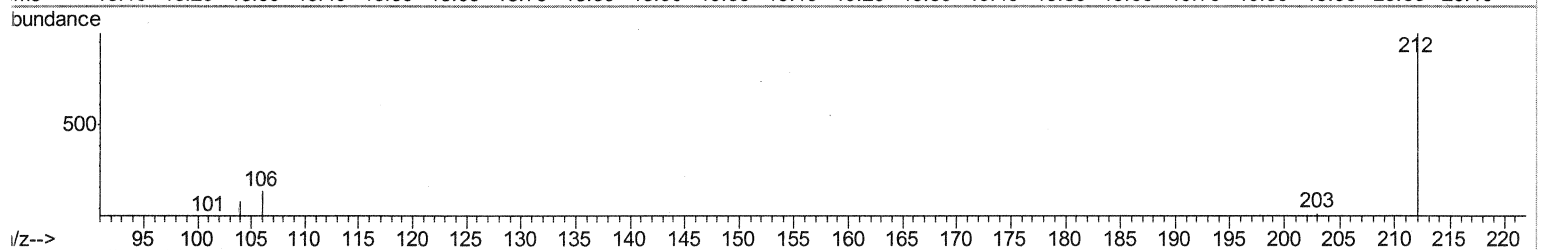
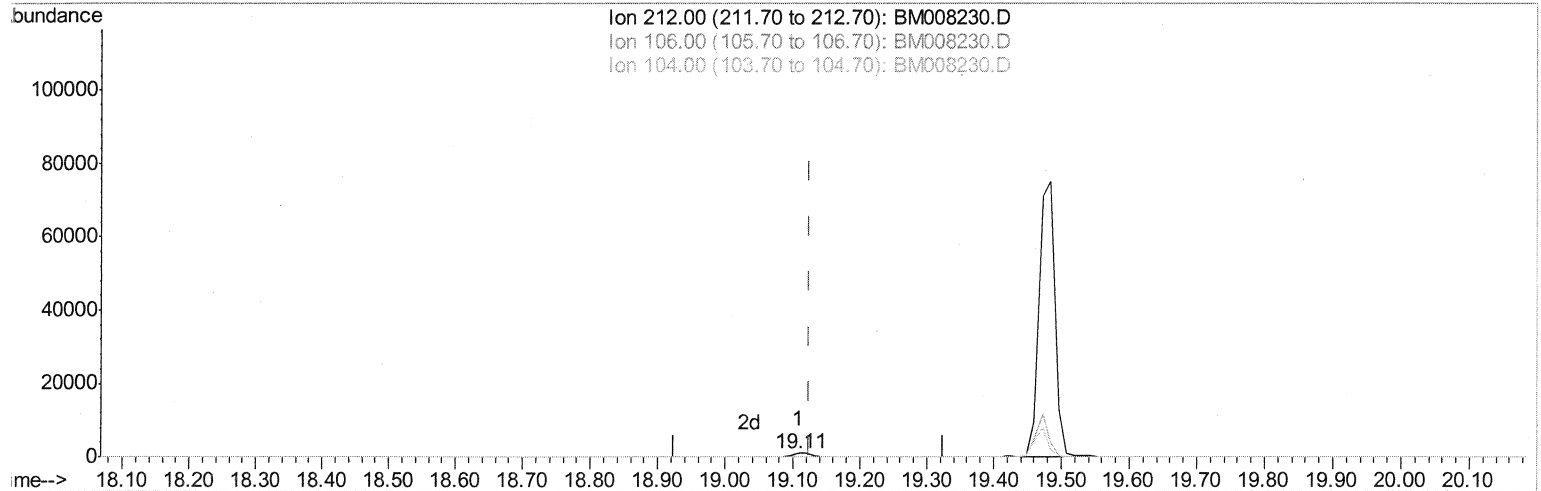
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008230.D
Acq On : 10 Dec 2016 13:51
Operator : UM/SJ
Sample : H5905-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA805

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:18 PM

Quant Time: Dec 12 02:48:23 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM008230.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.017) 0.22ng/ul m

SJ 12/12/16

response 1530

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	30.07#
104.00	15.60	26.21#
0.00	0.00	0.00

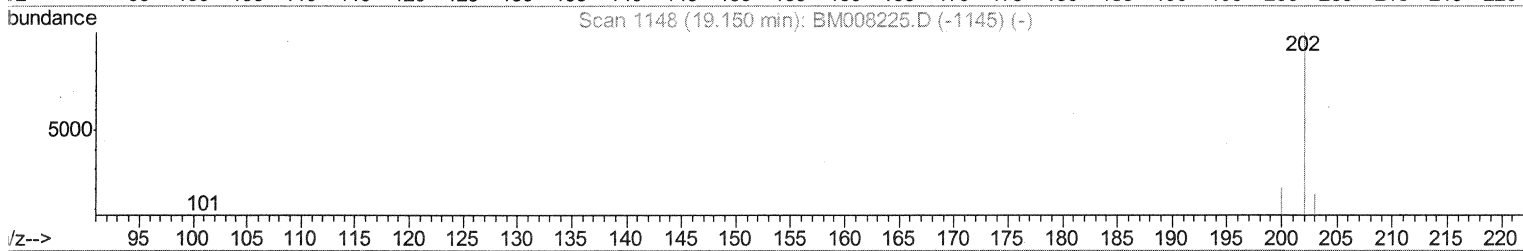
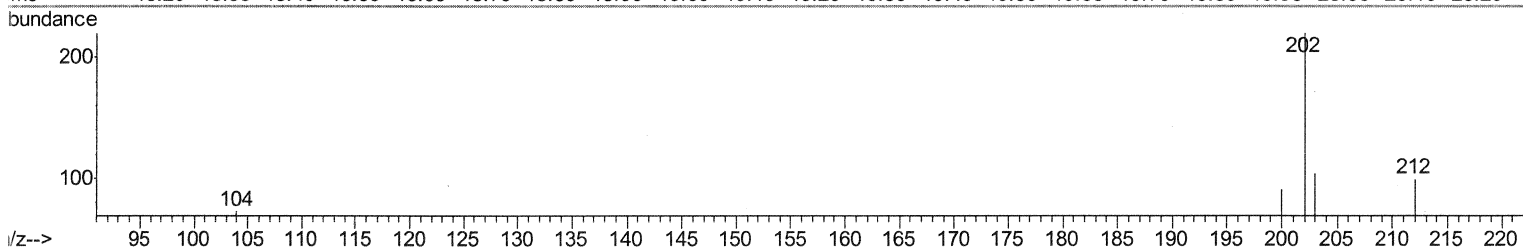
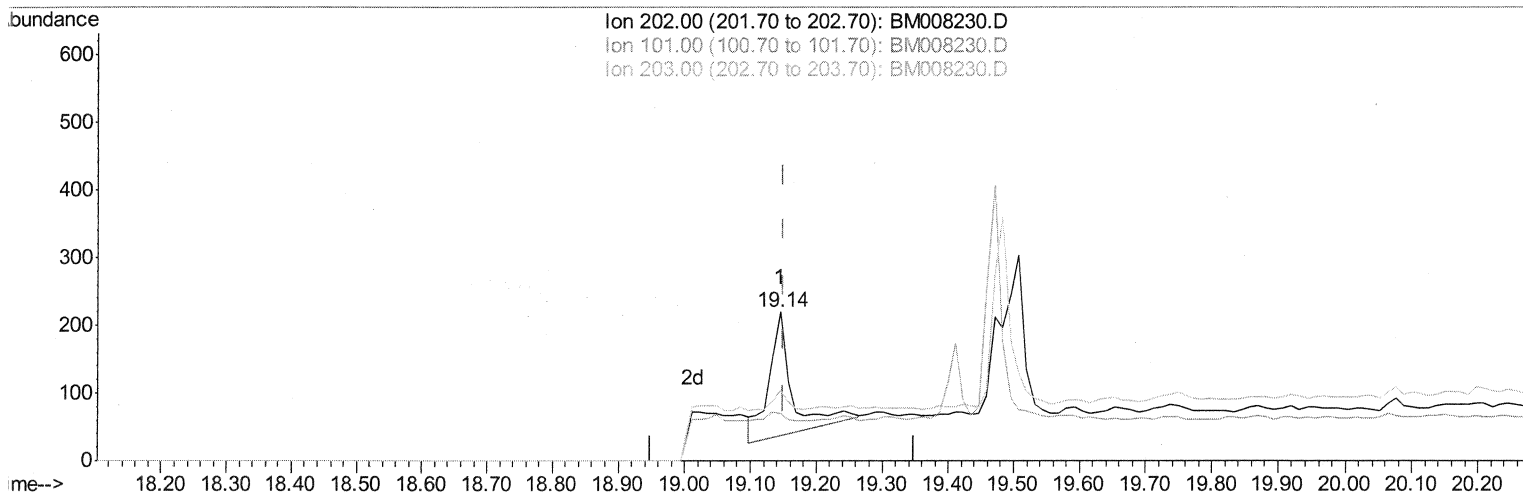
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008230.D
Acq On : 10 Dec 2016 13:51
Operator : UM/SJ
Sample : H5905-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BM008230.D

(15) Fluoranthene (C)

19.145min (-0.005) 0.04ng/ul

response 443

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	31.82#
203.00	19.50	47.27#
0.00	0.00	0.00

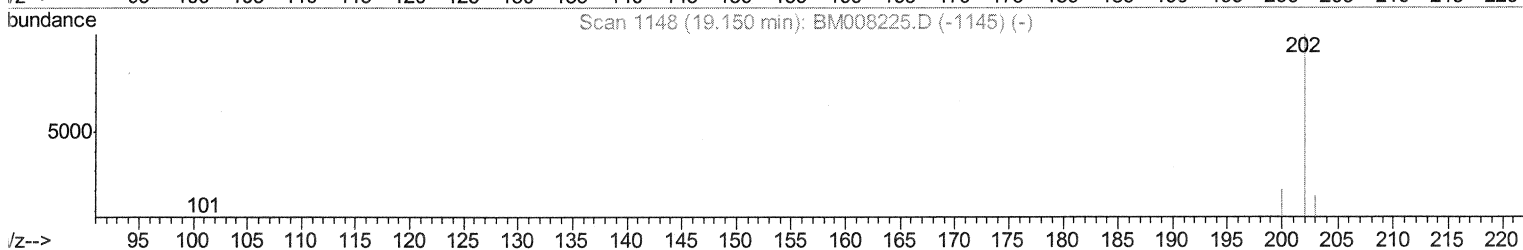
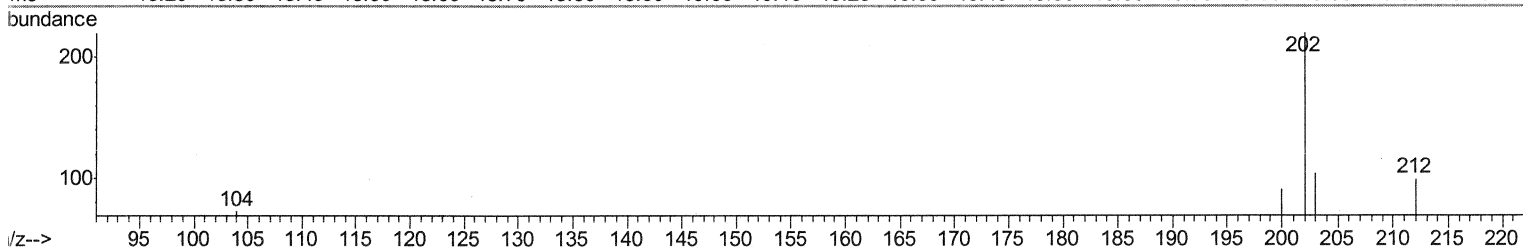
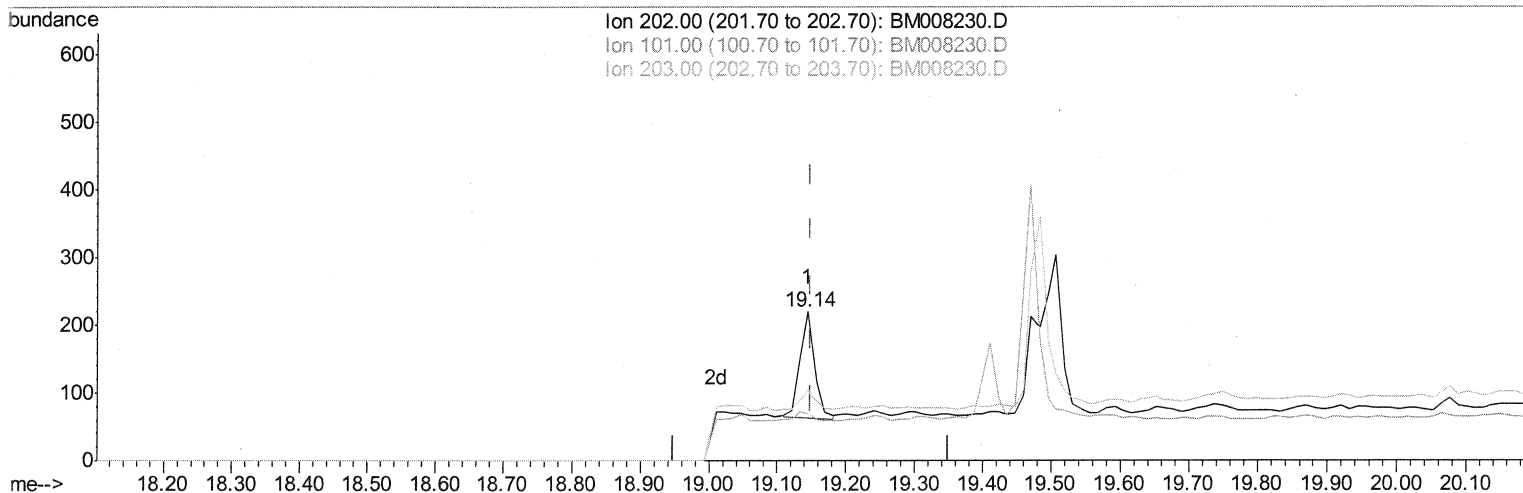
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008230.D
Acq On : 10 Dec 2016 13:51
Operator : UM/SJ
Sample : H5905-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA805

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:18 PM

Quant Time: Dec 12 02:48:23 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
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TIC: BM008230.D

(15) Fluoranthene (C)

19.145min (-0.005) 0.02ng/ul m SJ 12/12/16

response 231

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	31.82#
203.00	19.50	47.27#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008230.D
 Acq On : 10 Dec 2016 13:51
 Operator : UM/SJ
 Sample : H5905-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	639	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	2228	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1433	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	2501	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1836	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1752	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	802	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	1530m	0.22	ng/ul	-0.02

SJ 12/12/16

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.51	128	4195	0.67	ng/ul	97
5) 2-Methylnaphthalene	12.12	142	8187	2.04	ng/ul	100
8) Acenaphthene	14.38	153	608	0.12	ng/ul	95
9) Fluorene	15.38	166	1620m	0.29	ng/ul	
12) Phenanthrene	17.11	178	1051m	0.13	ng/ul	
15) Fluoranthene	19.14	202	231m	0.02	ng/ul	

} SJ 12/12/16

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