

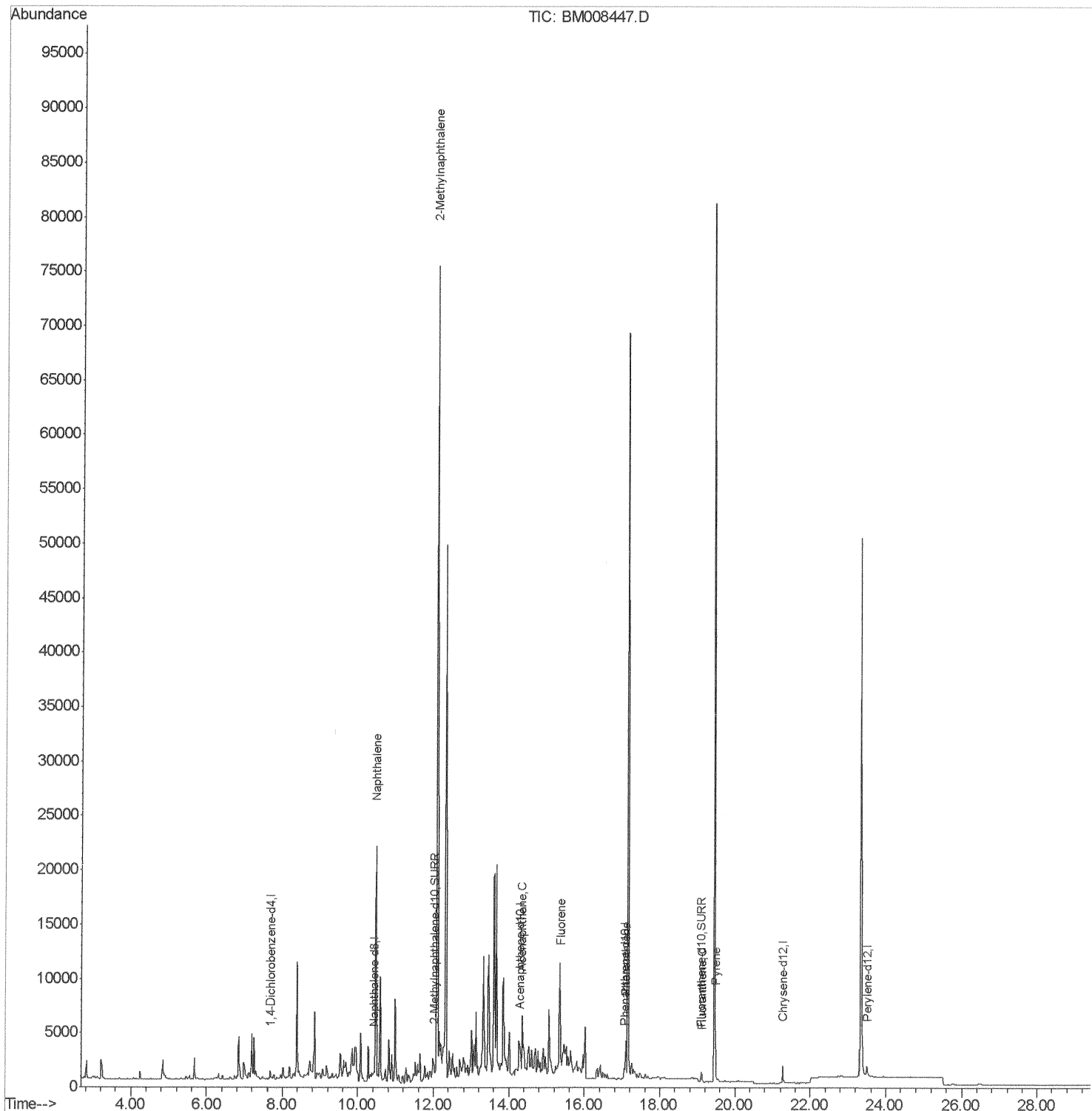
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008447.D
Acq On : 19 Dec 2016 18:01
Operator : UM/SJ
Sample : H5938-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA828

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:06 PM

Quant Time: Dec 20 03:58:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 03:40:00 2016
Response via : Initial Calibration



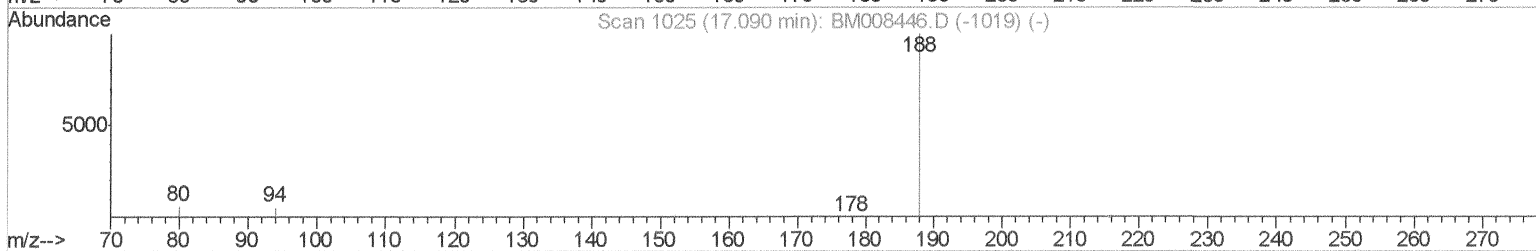
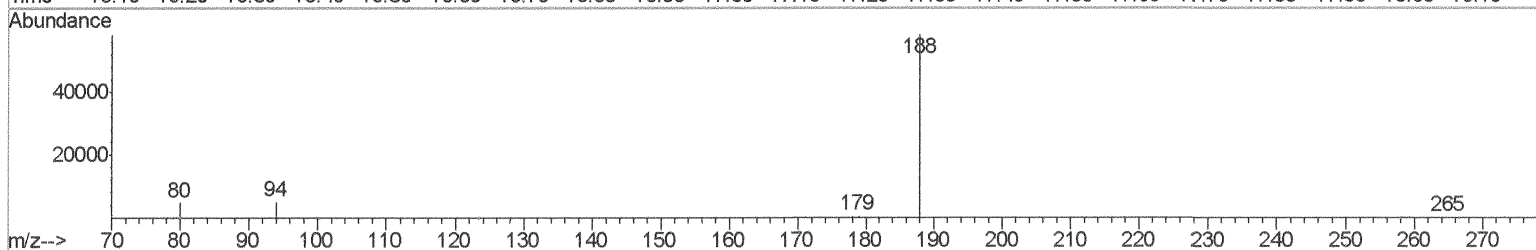
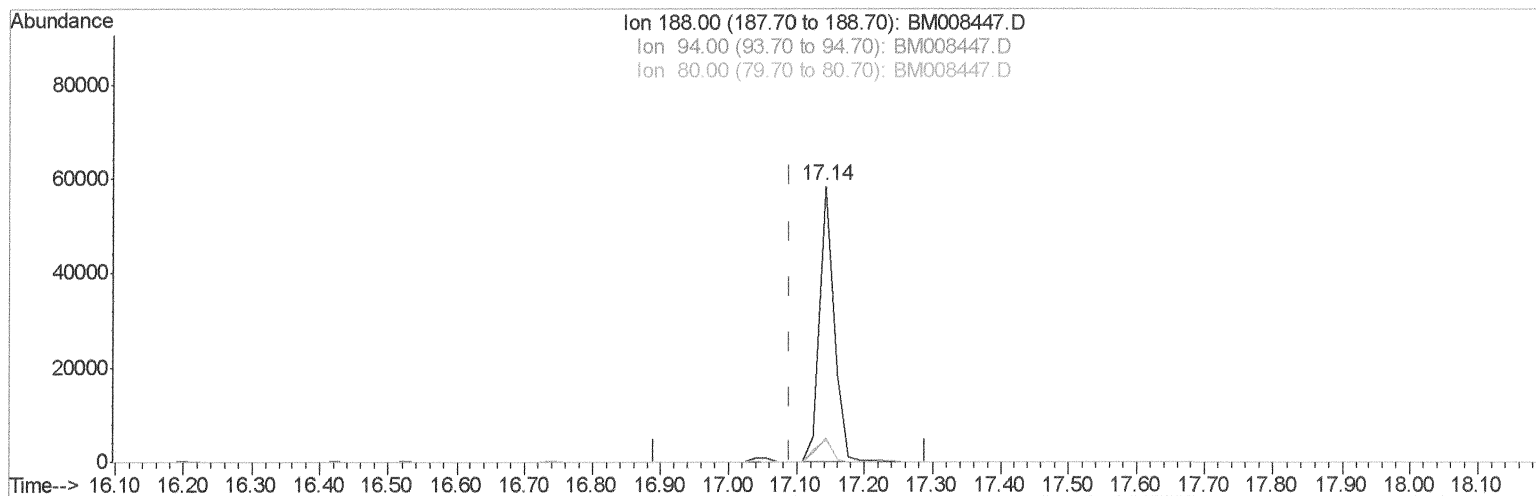
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Quant Time: Dec 20 03:43:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008447.D

(10) Phenanthrene-d10 (I)
17.142min (+0.051) 0.40ng/ui
response 85603

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.65#
80.00	11.80	8.24#
0.00	0.00	0.00

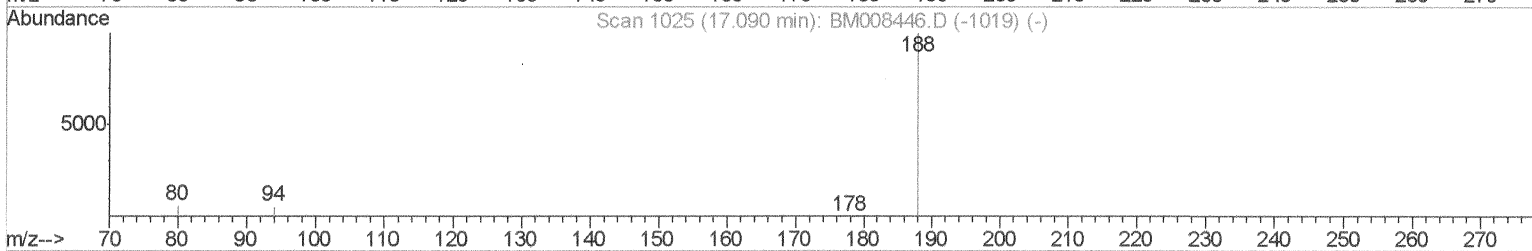
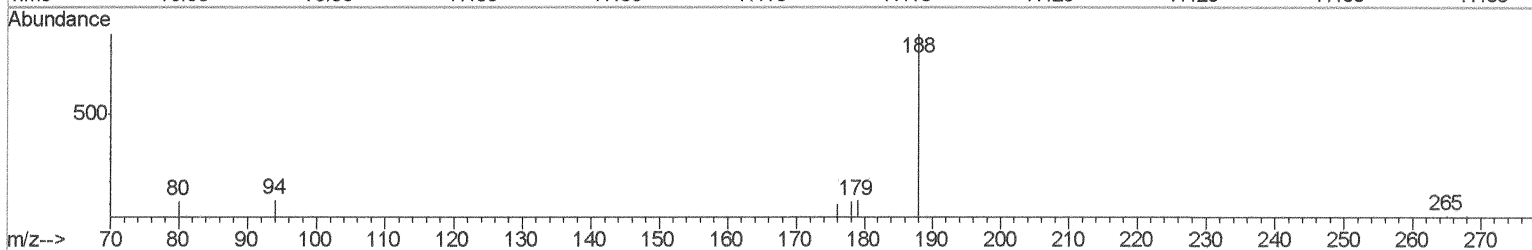
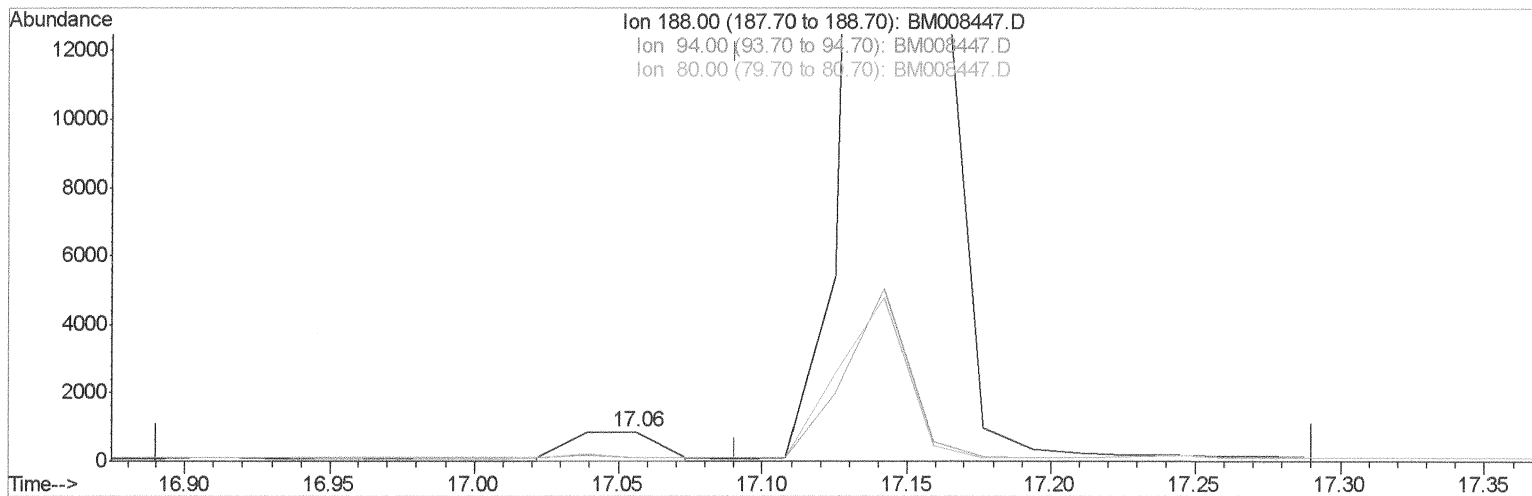
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Manual Integrations
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TIC: BM008447.D

(10) Phenanthrene-d10 (I)

17.056min (-0.034) 0.40ng/ul m

SJ 12/21/16

response 1869

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.93#
80.00	11.80	13.47
0.00	0.00	0.00

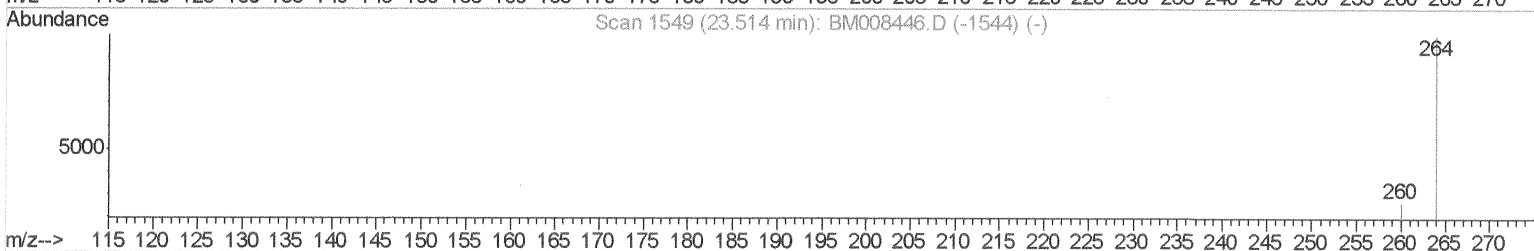
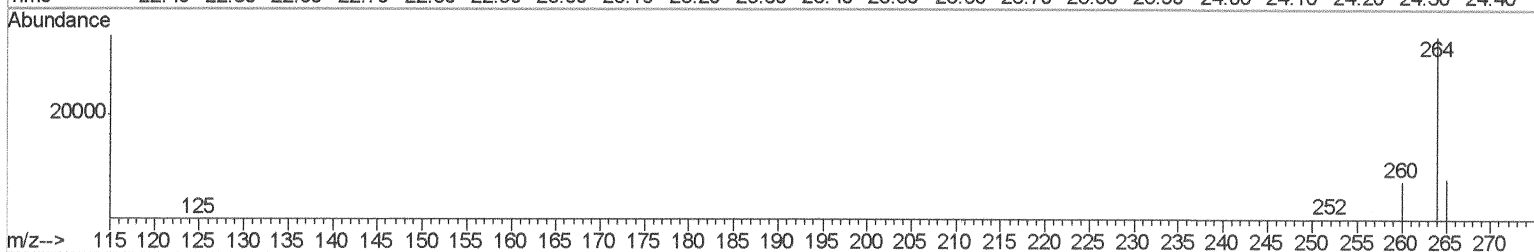
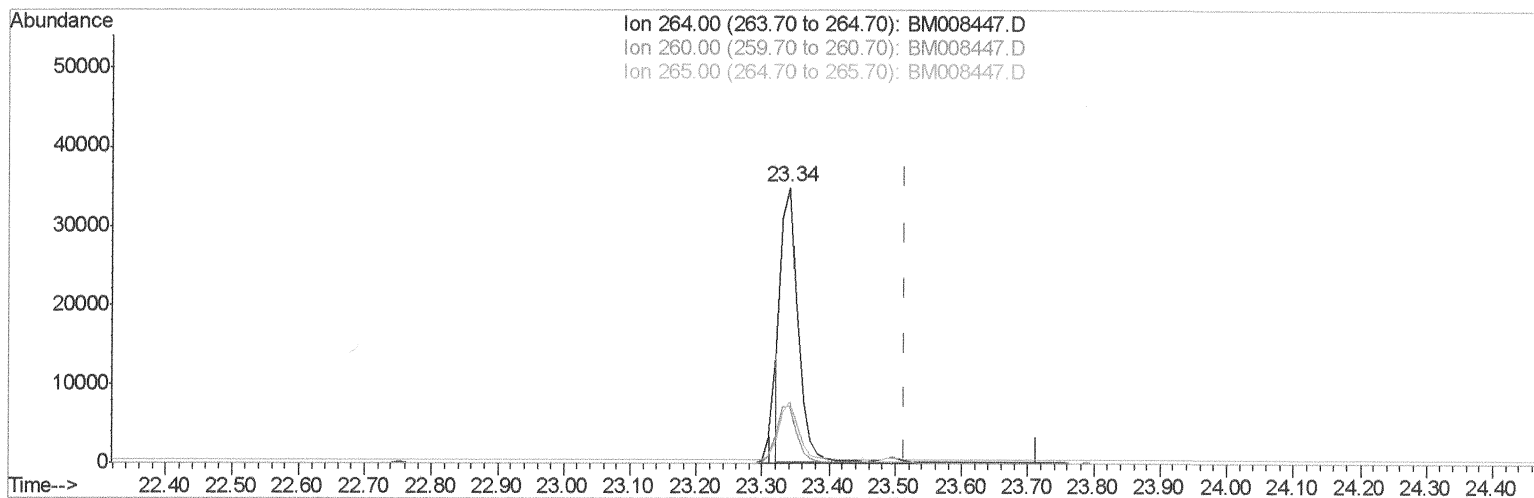
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Data File : BM008447.D
Acq On : 19 Dec 2016 18:01
Operator : UM/SJ
Sample : H5938-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM008447.D

(20) Perylene-d12 (I)
23.340min (-0.174) 0.40ng/ul
response 61023

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.81#
265.00	103.50	22.52#
0.00	0.00	0.00

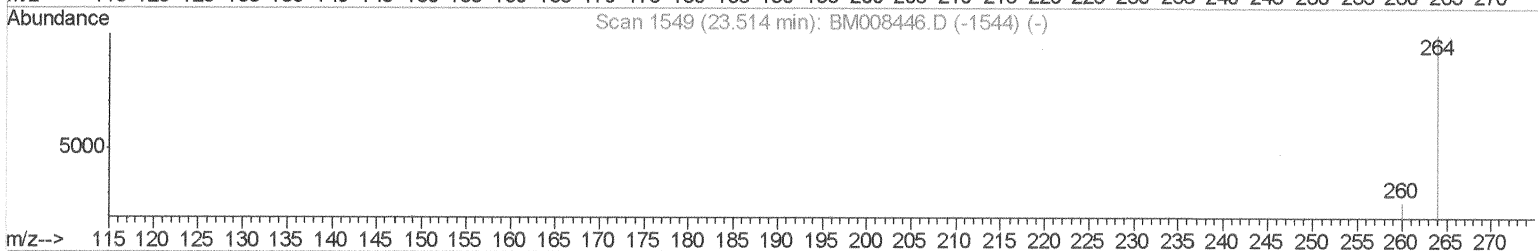
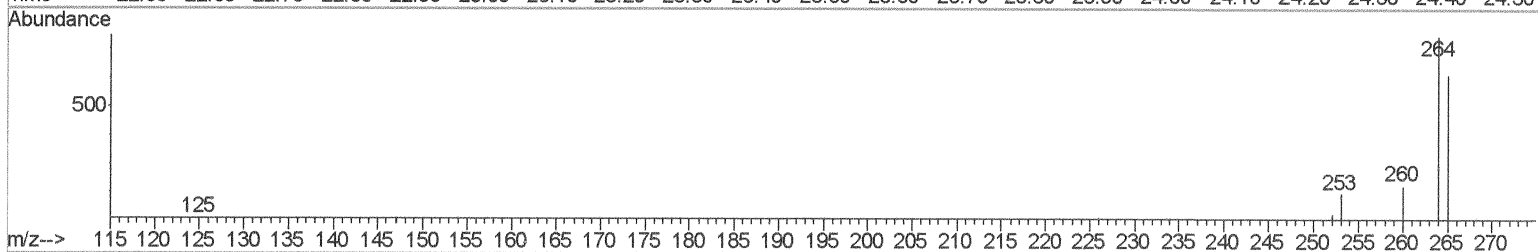
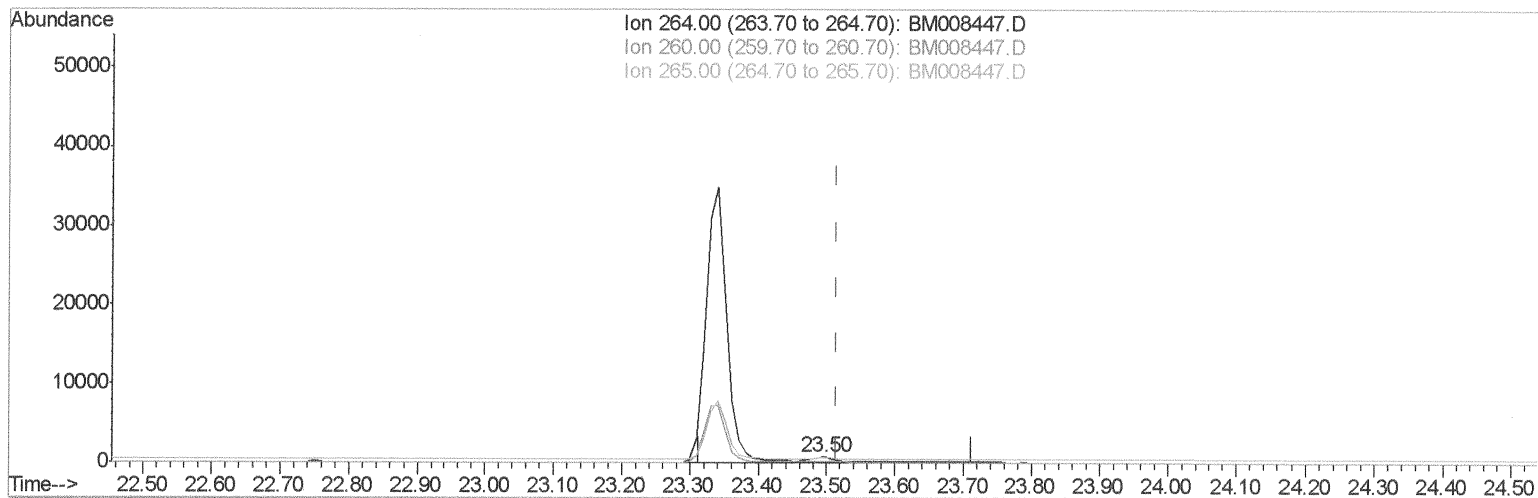
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008447.D
Acq On : 19 Dec 2016 18:01
Operator : UM/SJ
Sample : H5938-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA828

Manual Integrations
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Quant Time: Dec 20 03:43:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Response via : Initial Calibration



TIC: BM008447.D

(20) Perylene-d12 (I)

23.496min (-0.017) 0.40ng/ul m

63 12/21/16

response 1283

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.95
265.00	103.50	81.95#
0.00	0.00	0.00

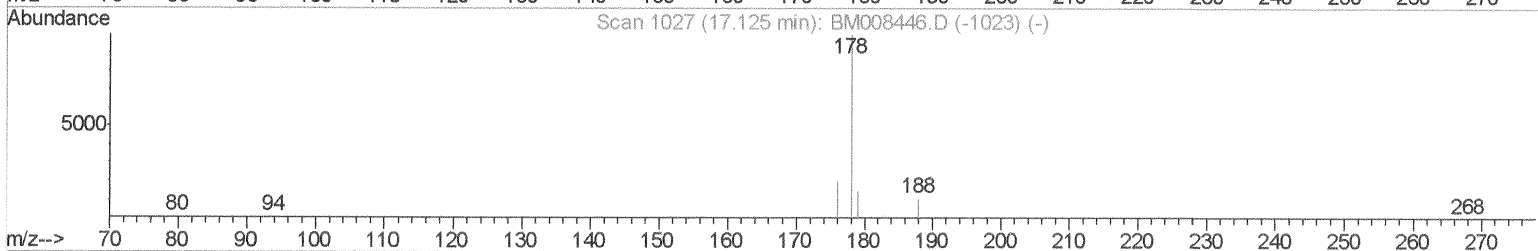
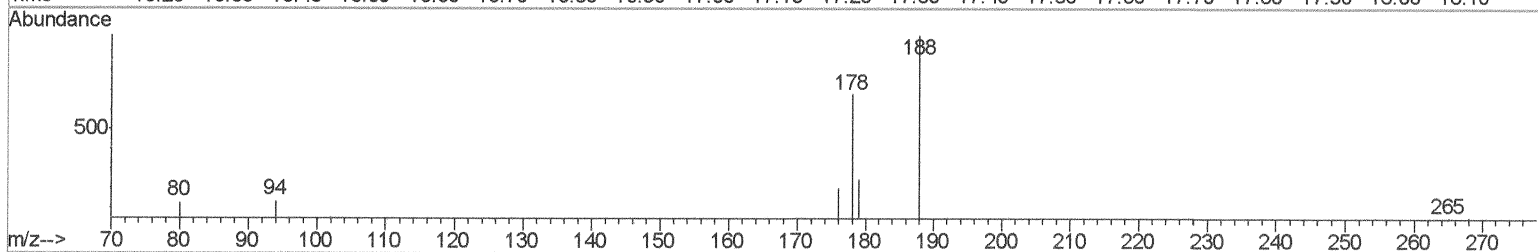
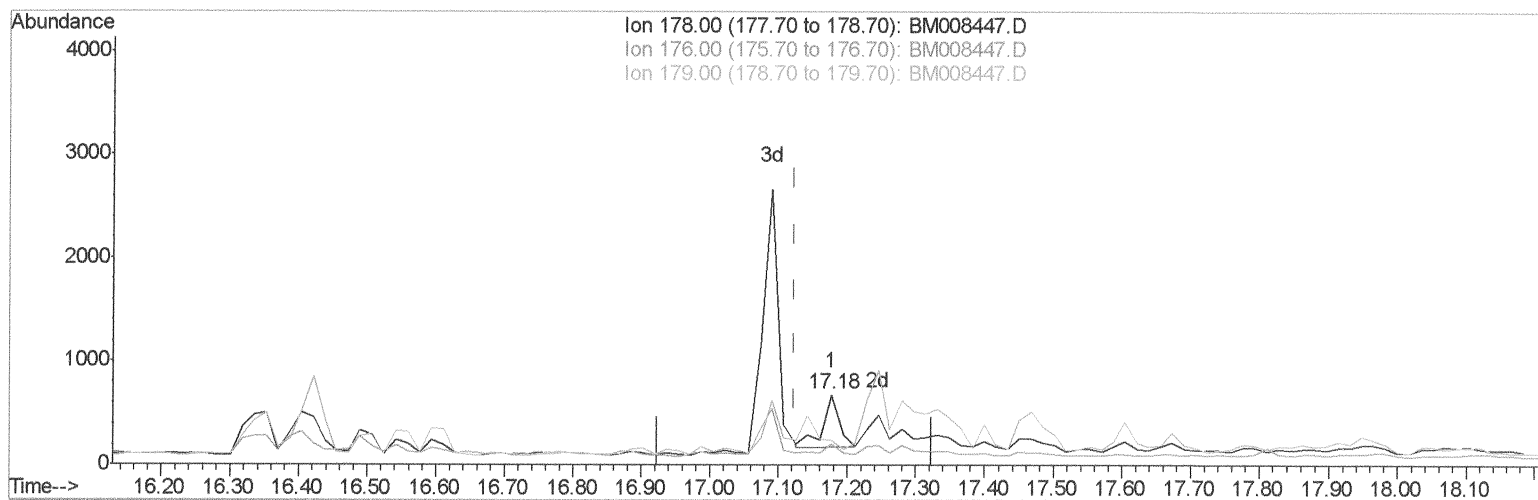
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008447.D
Acq On : 19 Dec 2016 18:01
Operator : UM/SJ
Sample : H5938-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA828

Manual Integrations
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Quant Time: Dec 20 03:49:14 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 20 03:40:00 2016
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TIC: BM008447.D

(12) Phenanthrene

17.176min (+0.051) 0.15ng/ul

response 849

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	29.56#
179.00	17.00	36.18#
0.00	0.00	0.00

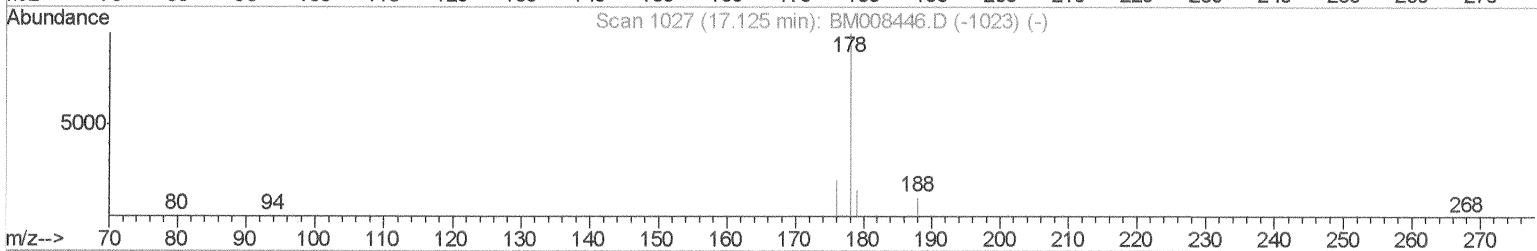
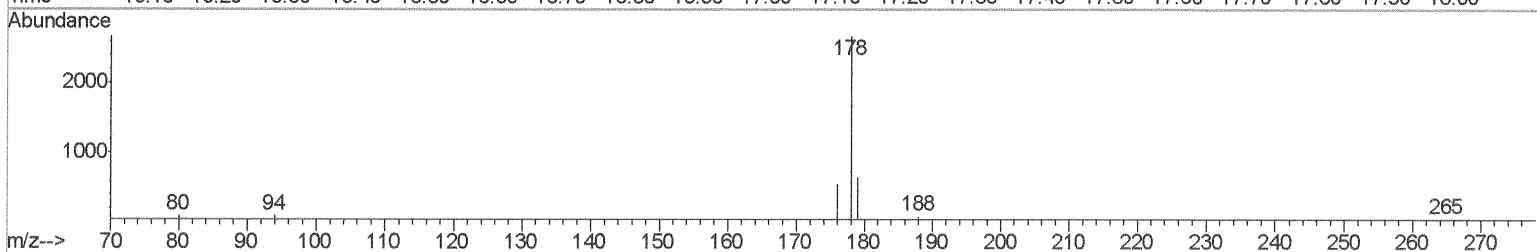
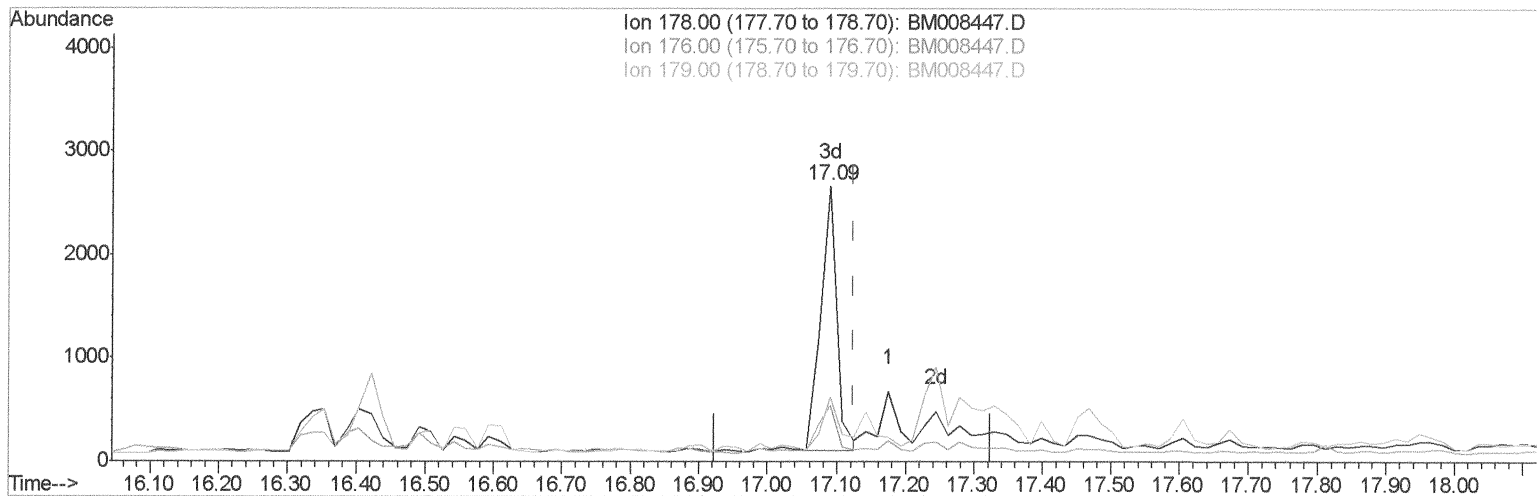
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Data File : BM008447.D
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Operator : UM/SJ
Sample : H5938-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA828

Manual Integrations
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Quant Time: Dec 20 03:49:14 2016
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TIC: BM008447.D

(12) Phenanthrene

17.090min (-0.034) 0.72ng/ul m

SJ 12/21/16

response 4125

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	20.53
179.00	17.00	23.87#
0.00	0.00	0.00

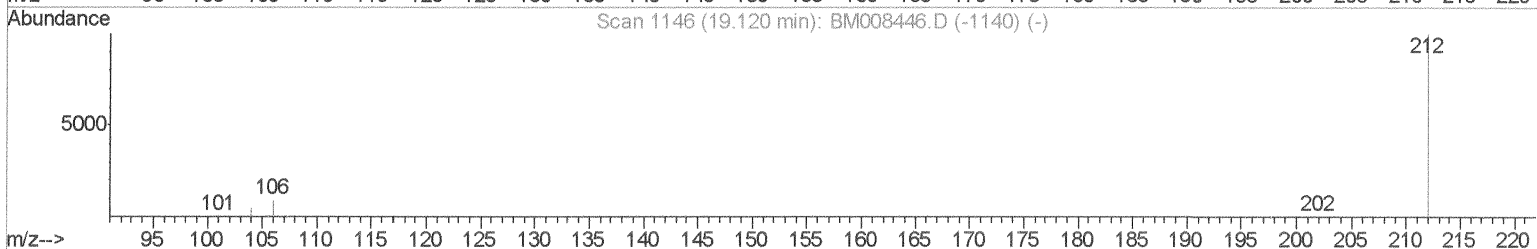
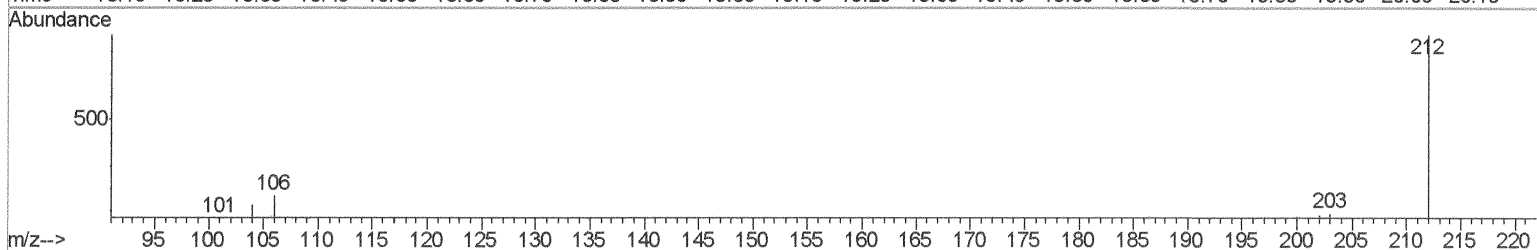
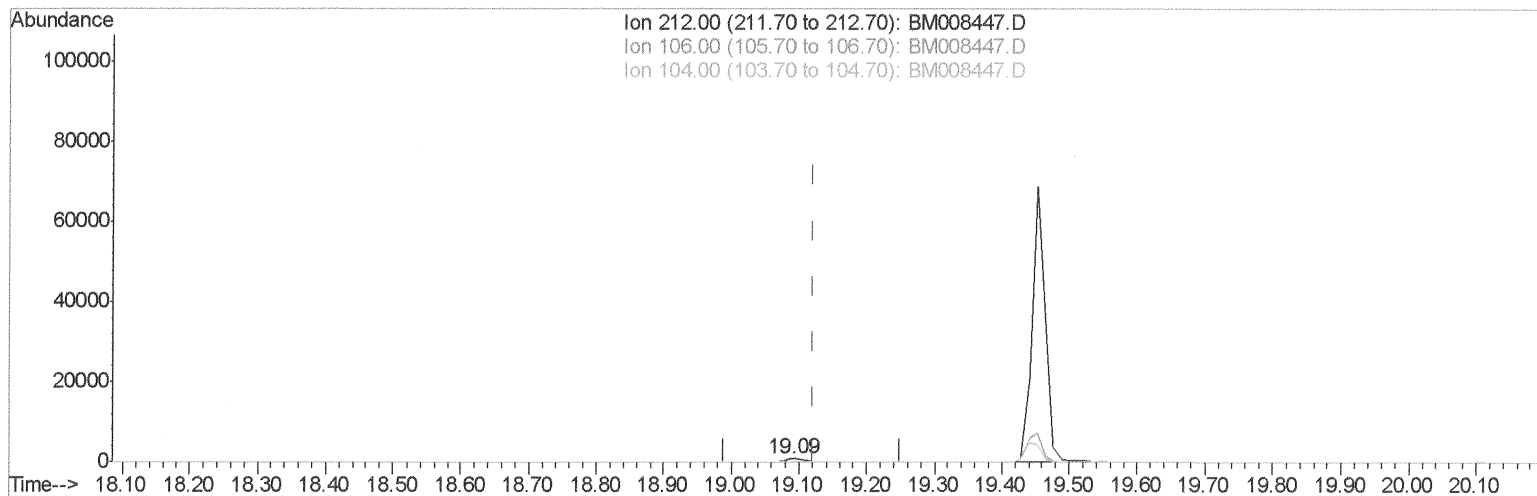
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008447.D
Acq On : 19 Dec 2016 18:01
Operator : UM/SJ
Sample : H5938-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA828

Manual Integrations
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Quant Time: Dec 20 03:50:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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QLast Update : Tue Dec 20 03:40:00 2016
Response via : Initial Calibration



TIC: BM008447.D

(14) Fluoranthene-d10 (SURR)

19.089min (-0.031) 0.23ng/ul

response 1173

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

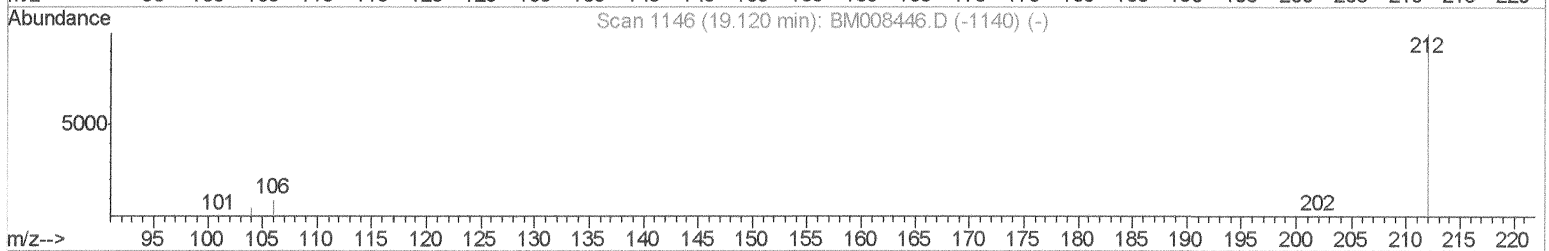
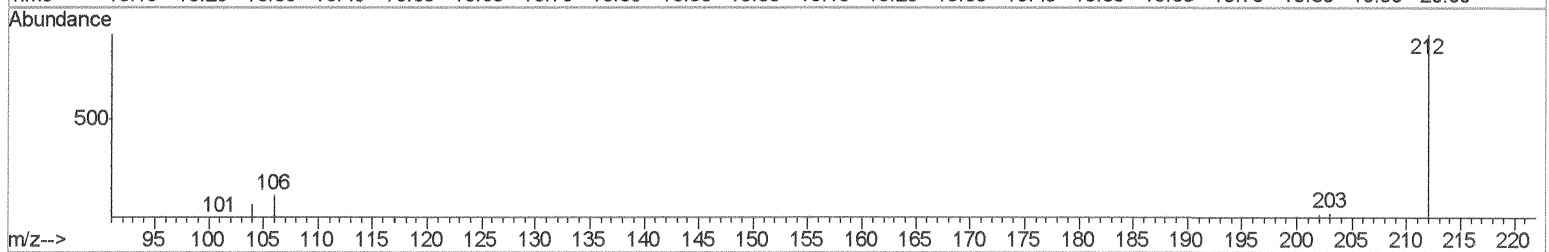
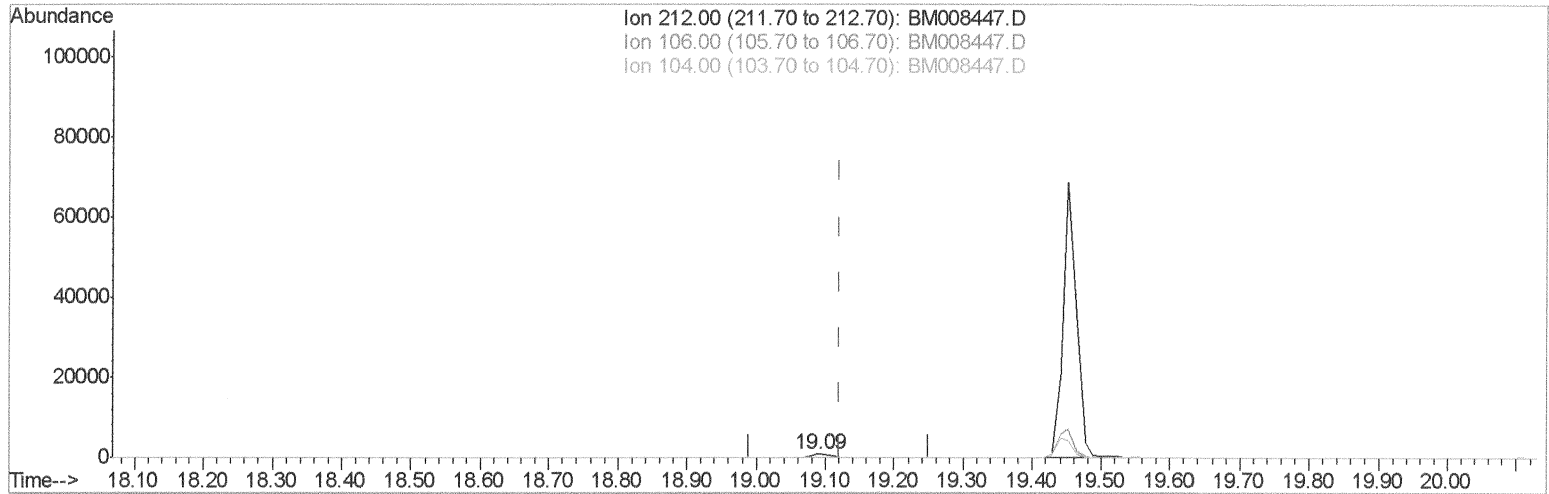
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008447.D
Acq On : 19 Dec 2016 18:01
Operator : UM/SJ
Sample : H5938-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA828

Manual Integrations
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Quant Time: Dec 20 03:50:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008447.D

(14) Fluoranthene-d10 (SURR)

19.089min (-0.031) 0.26ng/ul m

SJ 12/21/16

response 1346

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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	337	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.43	136	1142	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	962	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1869m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.27	240	1670	0.40	ng/ul	-0.02
20) Perylene-d12	23.50	264	1283m	0.40	ng/ul	-0.02

} SJ 12/21/16

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	531	0.30	ng/ul	-0.08
14) Fluoranthene-d10	19.09	212	1346m	0.26	ng/ul	-0.03

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Target Compounds

					Qvalue
3) Naphthalene	10.48	128	30947	9.63	ng/ul 94
5) 2-Methylnaphthalene	12.09	142	48997	22.66	ng/ul 100
8) Acenaphthene	14.35	153	3344	1.02	ng/ul 94
9) Fluorene	15.36	166	8410	2.25	ng/ul 95
12) Phenanthrene	17.09	178	4125m	0.72	ng/ul
15) Fluoranthene	19.13	202	696	0.10	ng/ul 74
17) Pyrene	19.48	202	985	0.15	ng/ul# 69

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