

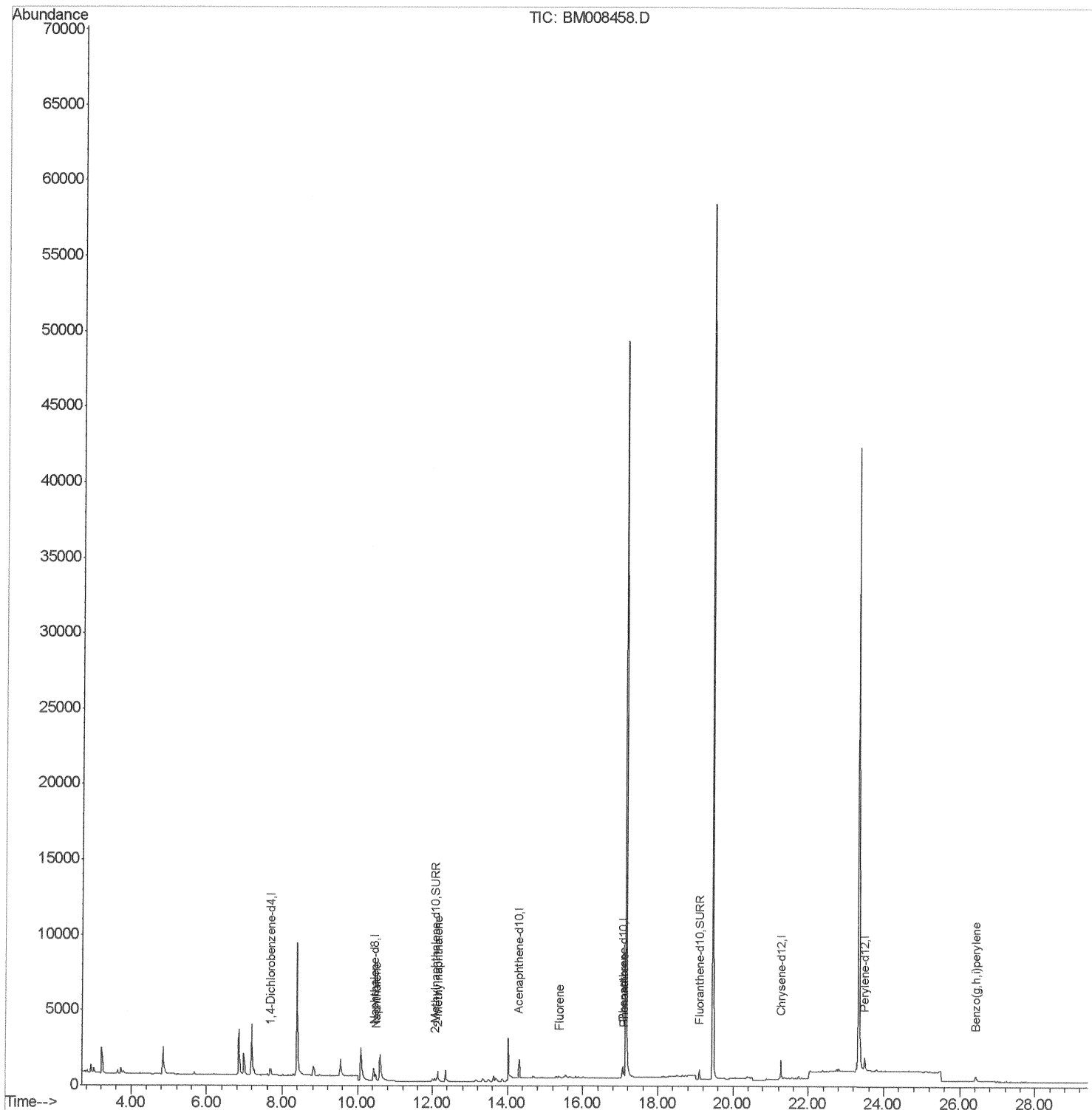
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008458.D
Acq On : 20 Dec 2016 01:13
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA854

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:19 PM

Quant Time: Dec 20 04:45:25 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



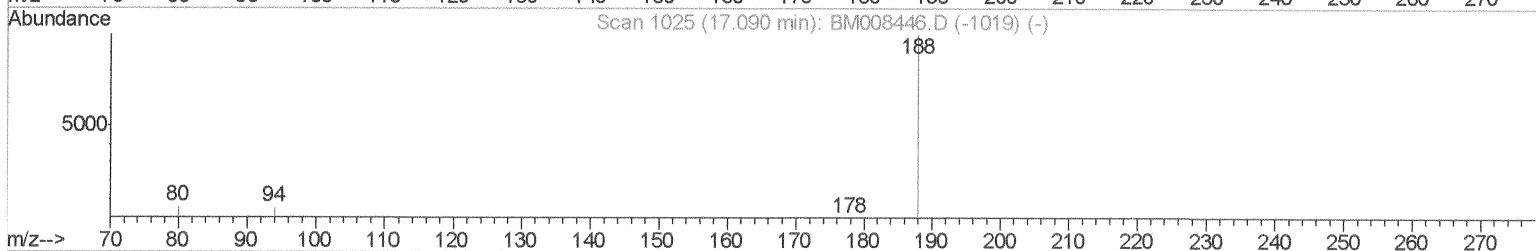
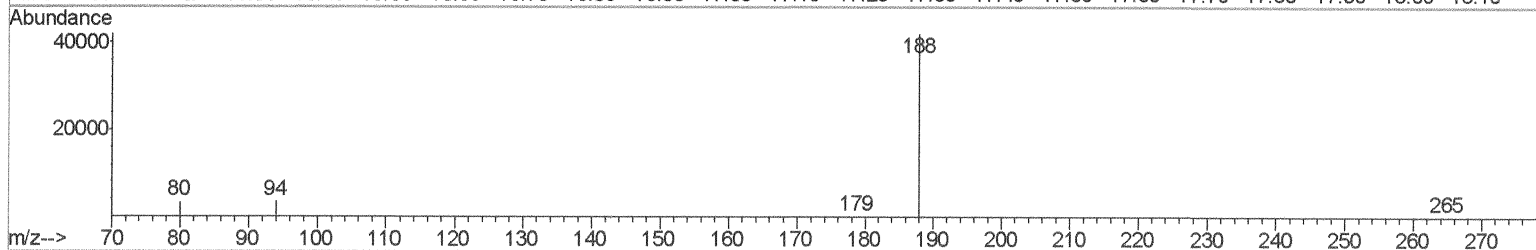
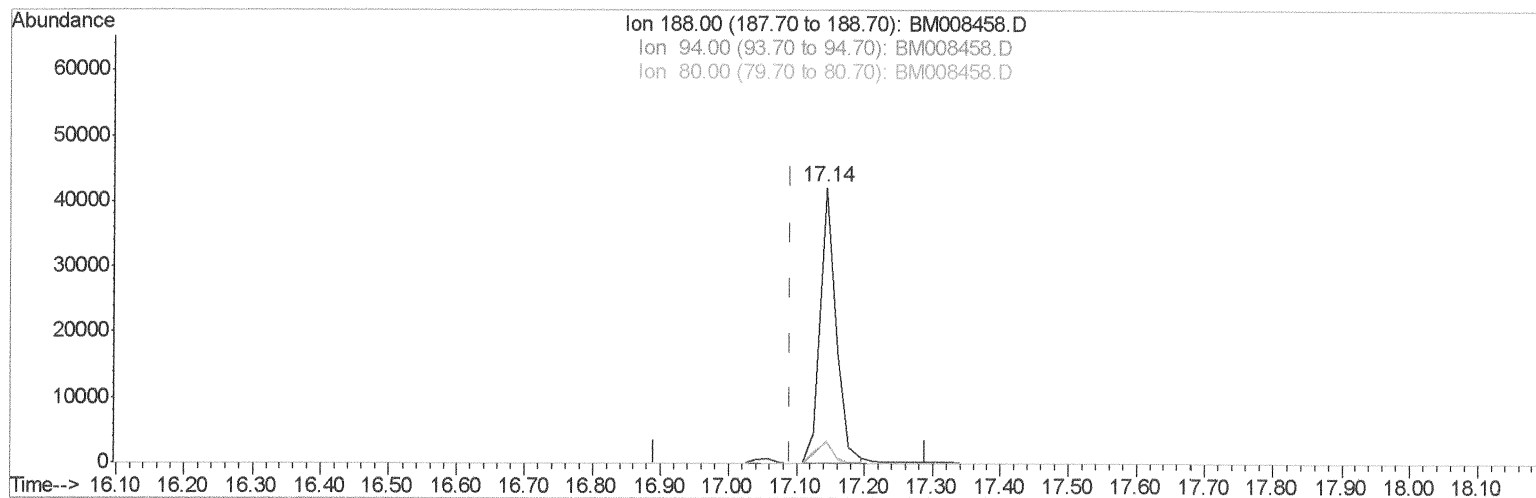
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TIC: BM008458.D

(10) Phenanthrene-d10 (I)

17.142min (+0.052) 0.40ng/ui

response 68170

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.28#
80.00	11.80	7.87#
0.00	0.00	0.00

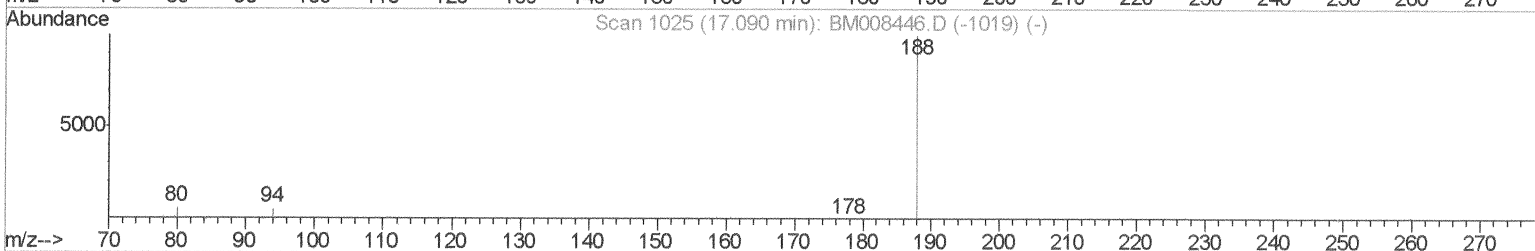
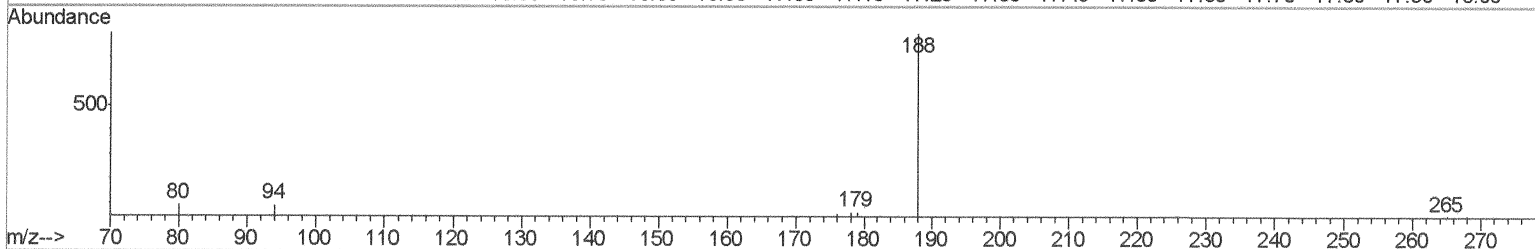
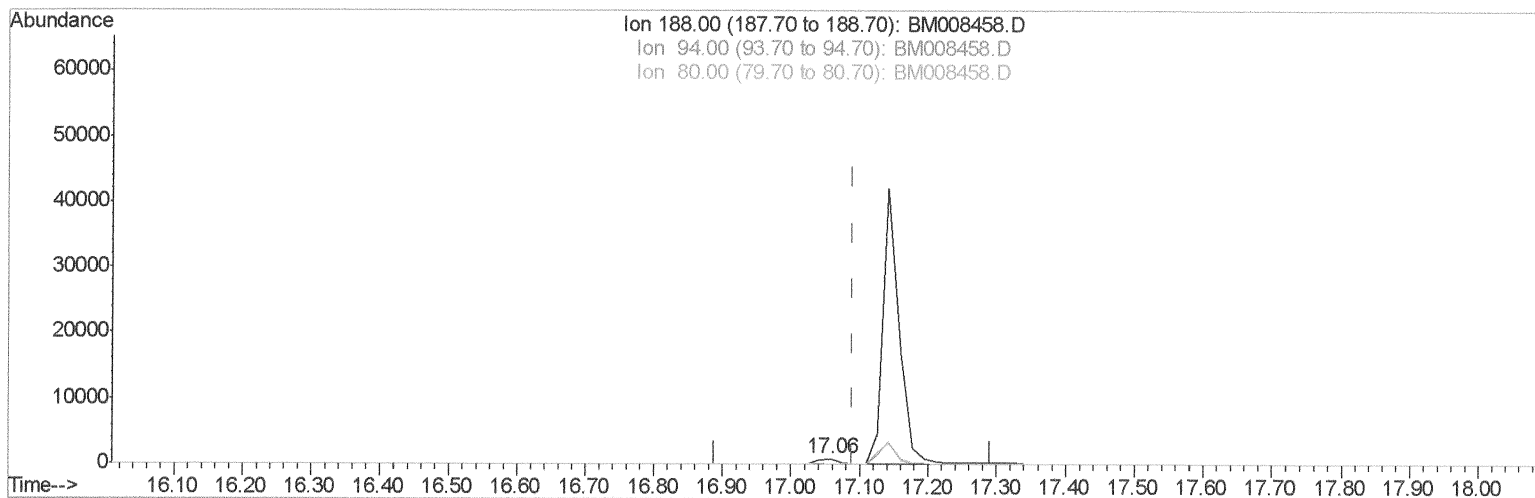
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Operator : UM/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM008458.D

(10) Phenanthrene-d10 (I)

17.056min (-0.034) 0.40ng/ui m

SJ 12/21/16

response 1482

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.32
80.00	11.80	11.57
0.00	0.00	0.00

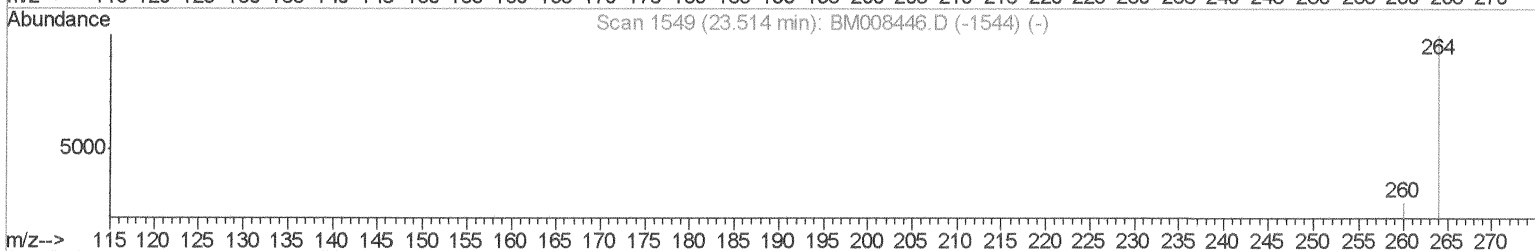
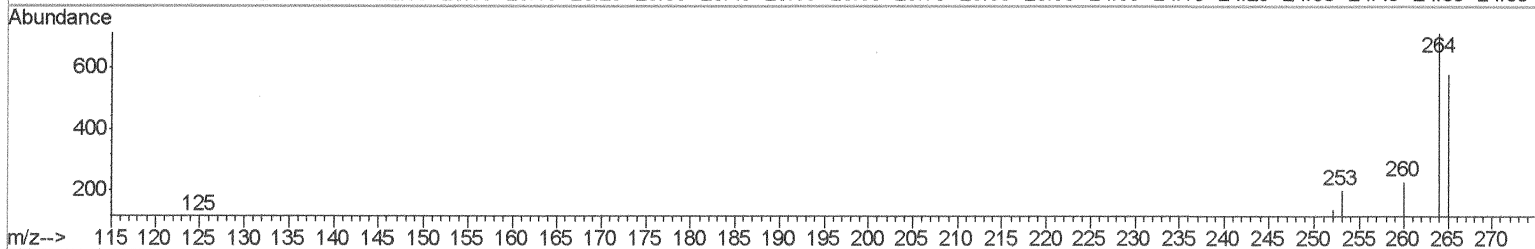
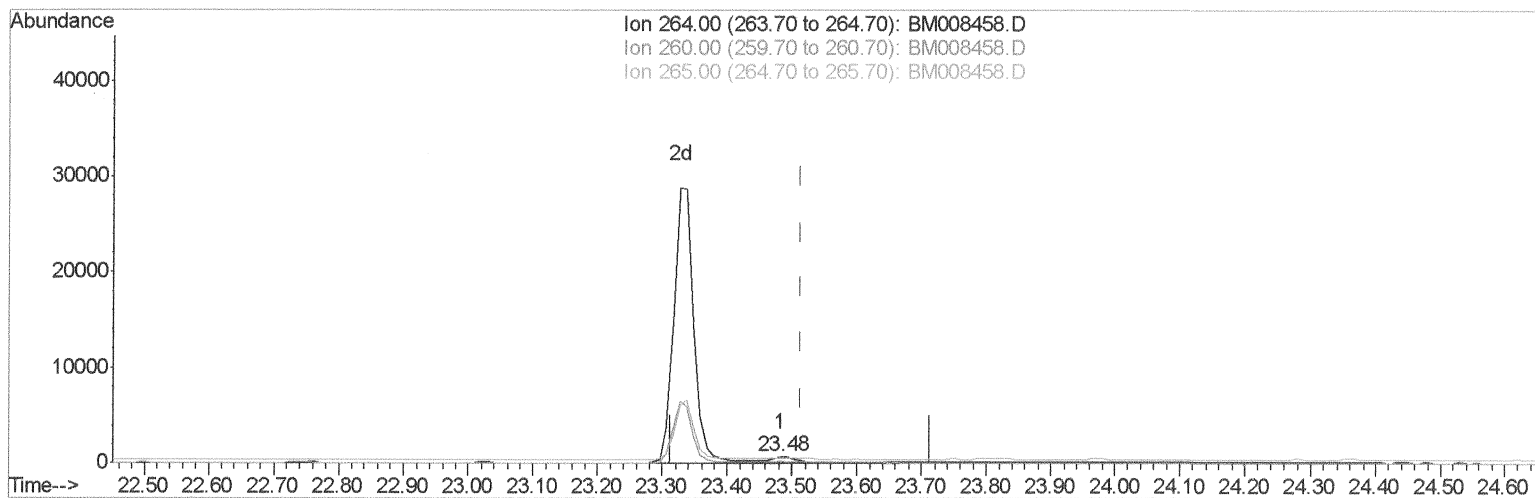
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008458.D
Acq On : 20 Dec 2016 01:13
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA854

Manual Integrations
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Quant Time: Dec 20 03:45:21 2016
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TIC: BM008458.D

(20) Perylene-d12 (I)

23.483min (-0.031) 0.40ng/ul

response 1505

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	32.31
265.00	103.50	81.12#
0.00	0.00	0.00

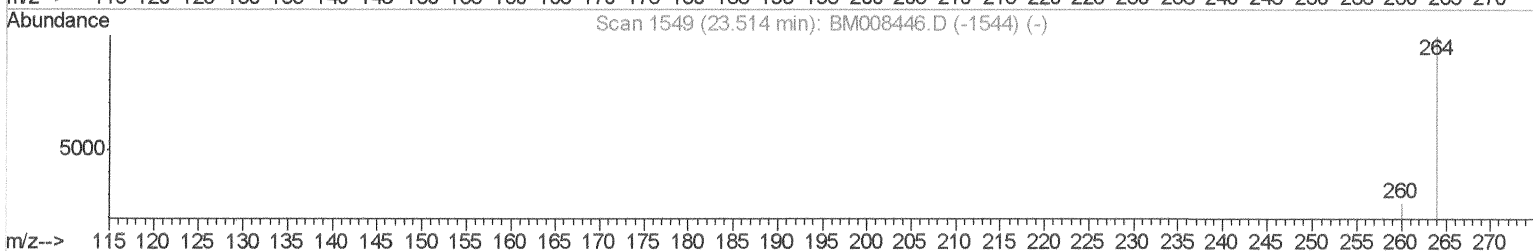
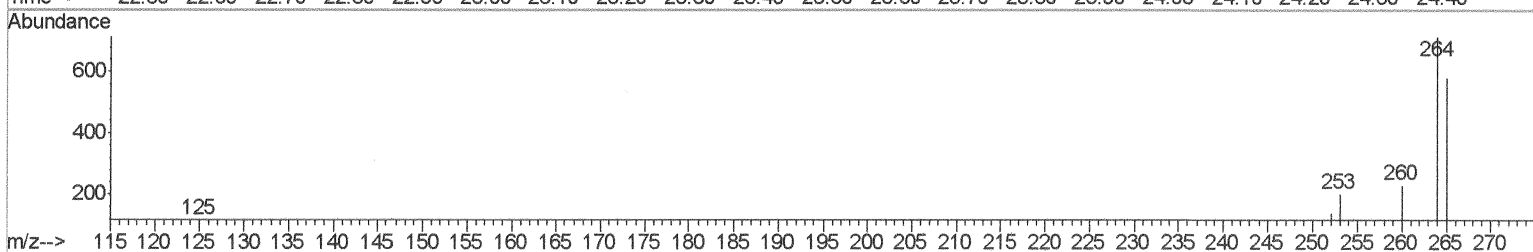
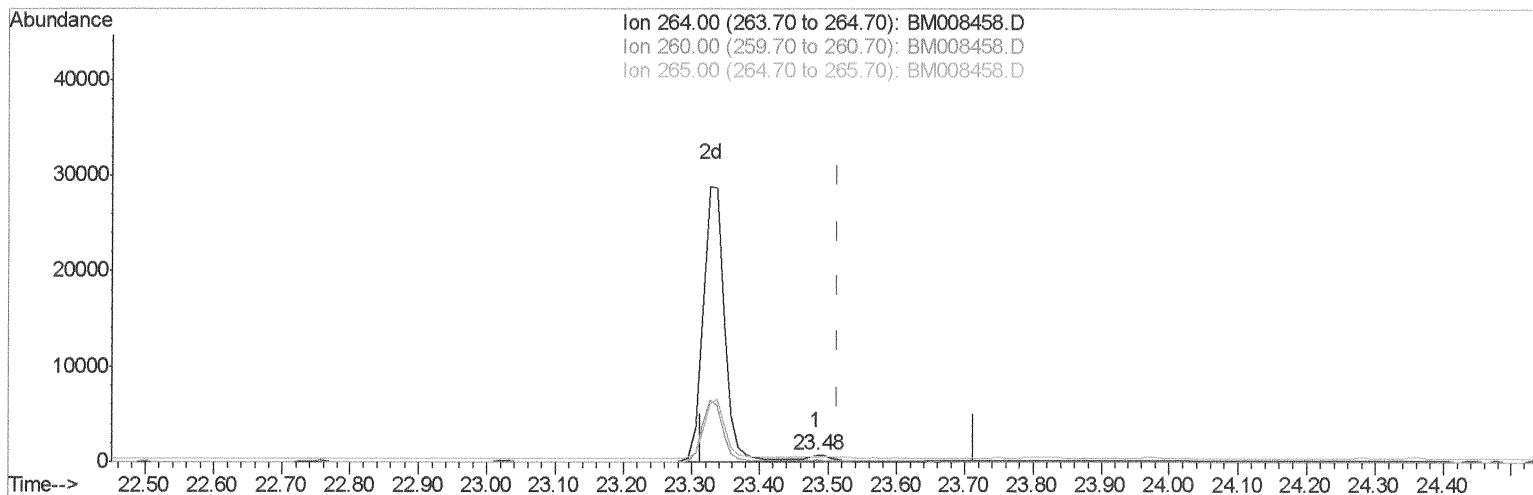
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008458.D
Acq On : 20 Dec 2016 01:13
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA854

Manual Integrations
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Quant Time: Dec 20 03:45:21 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



TIC: BM008458.D

(20) Perylene-d12 (I)

23.483min (-0.031) 0.40ng/ul m

SJ 12/21/16

response 1355

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	32.31
265.00	103.50	81.12#
0.00	0.00	0.00

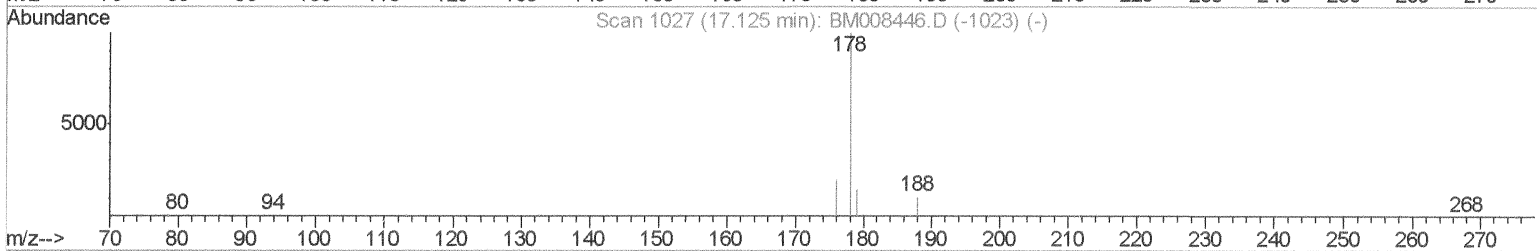
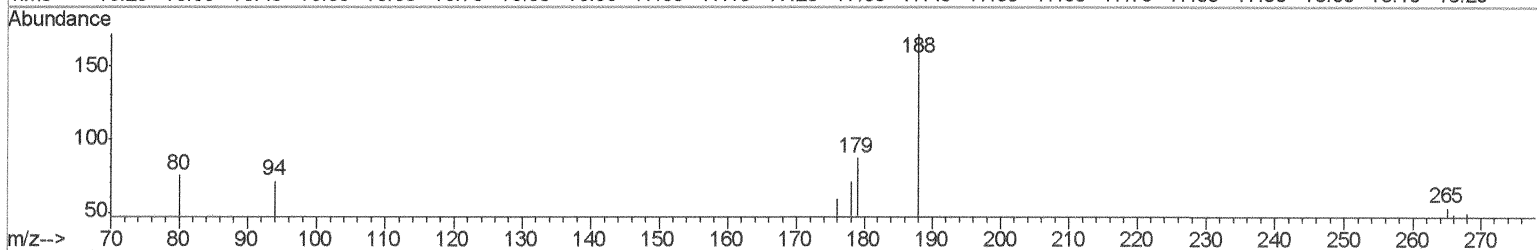
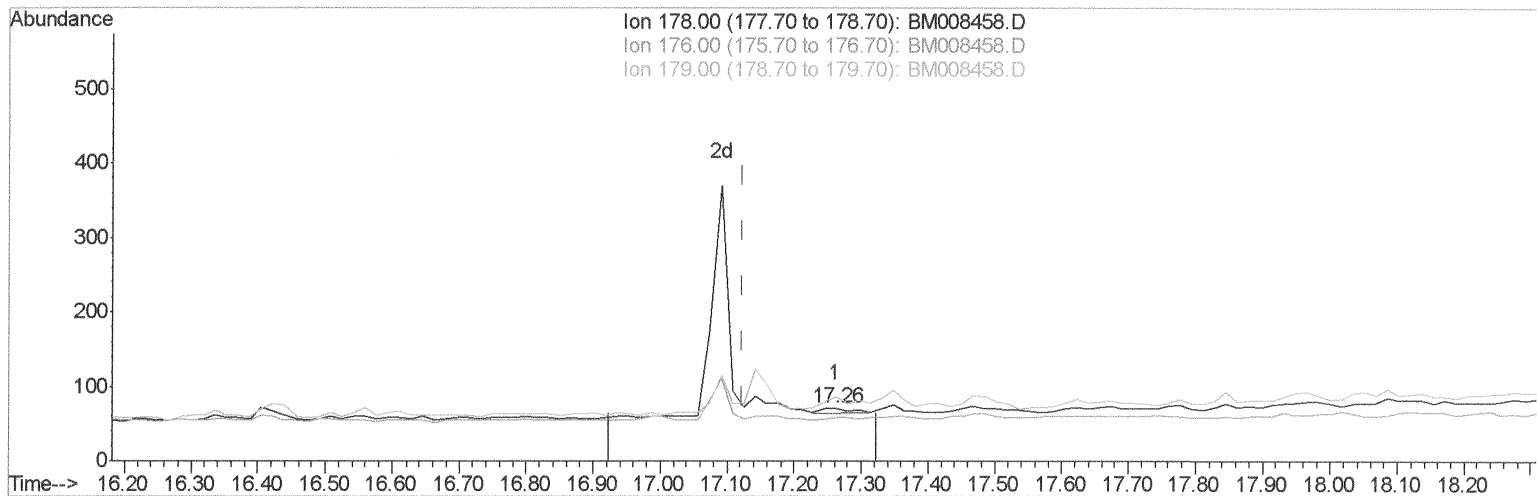
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008458.D
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Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Dec 20 04:43:41 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: BM008458.D

(12) Phenanthrene

17.262min (+0.137) 0.00ng/ul

response 20

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	83.10#
179.00	17.00	122.54#
0.00	0.00	0.00

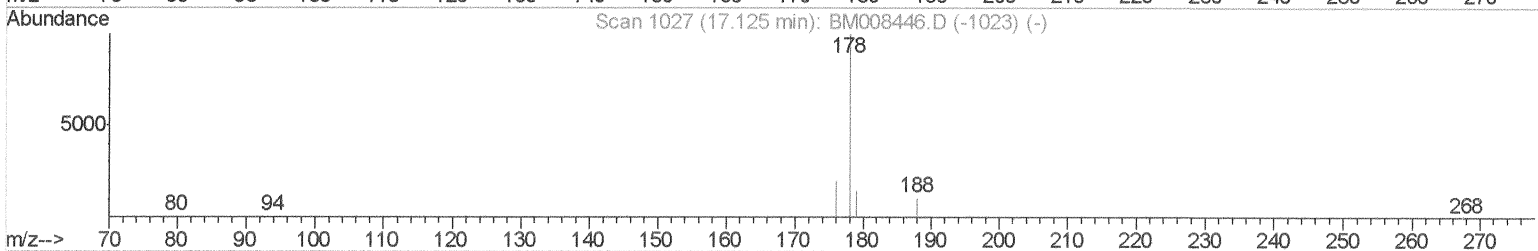
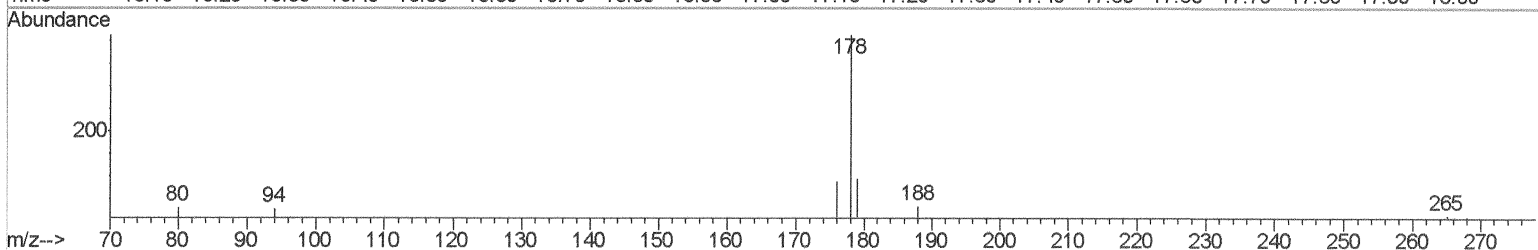
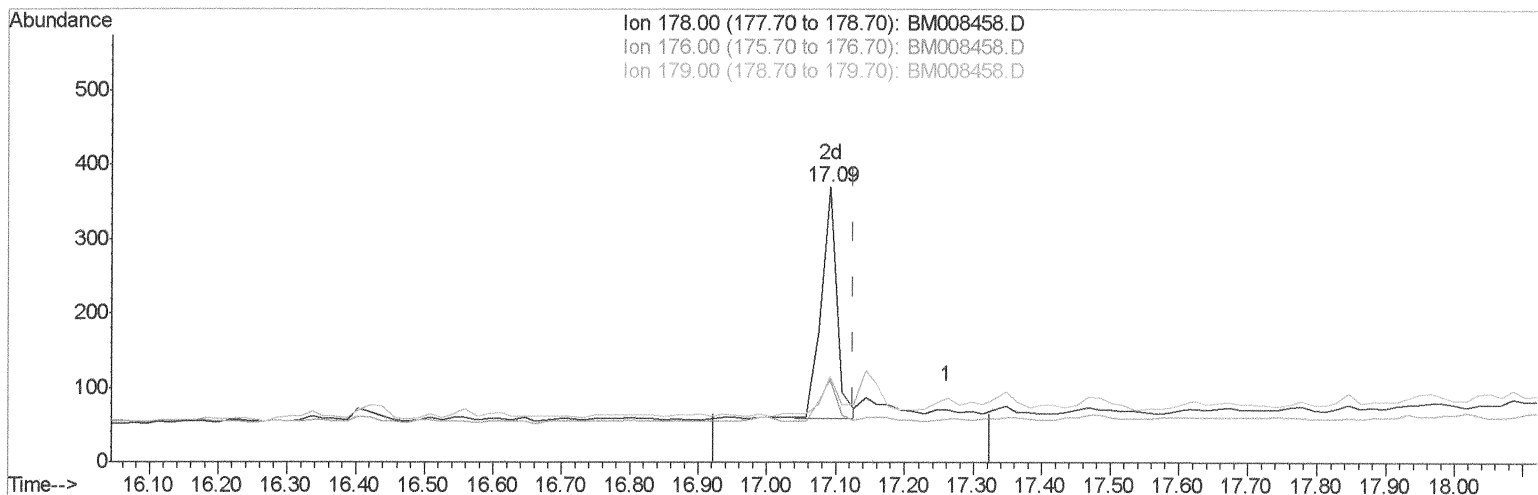
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Sample : H5970-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM008458.D

(12) Phenanthrene

17.091min (-0.034) 0.11ng/ul m SJ 12/21/16

response 492

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	30.00#
179.00	17.00	31.35#
0.00	0.00	0.00

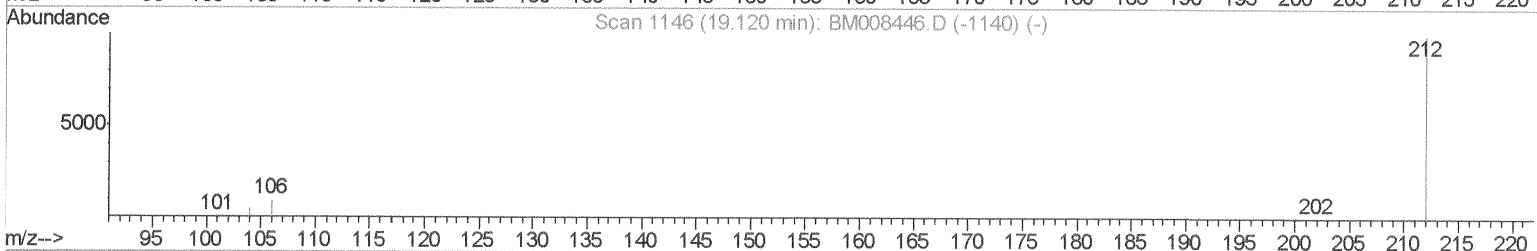
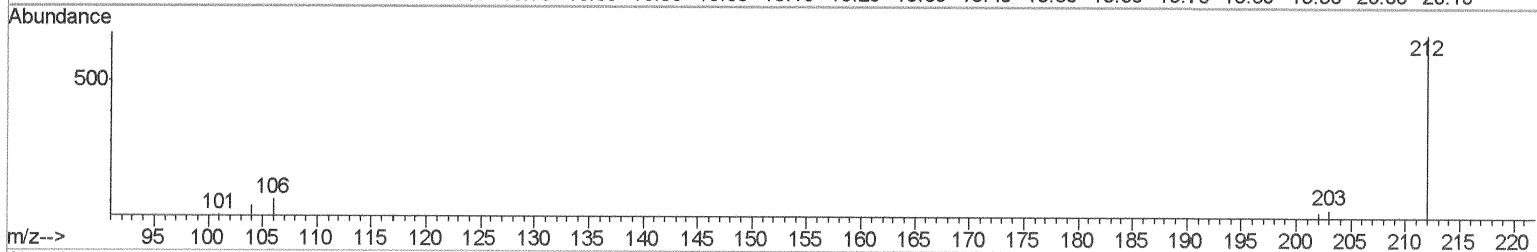
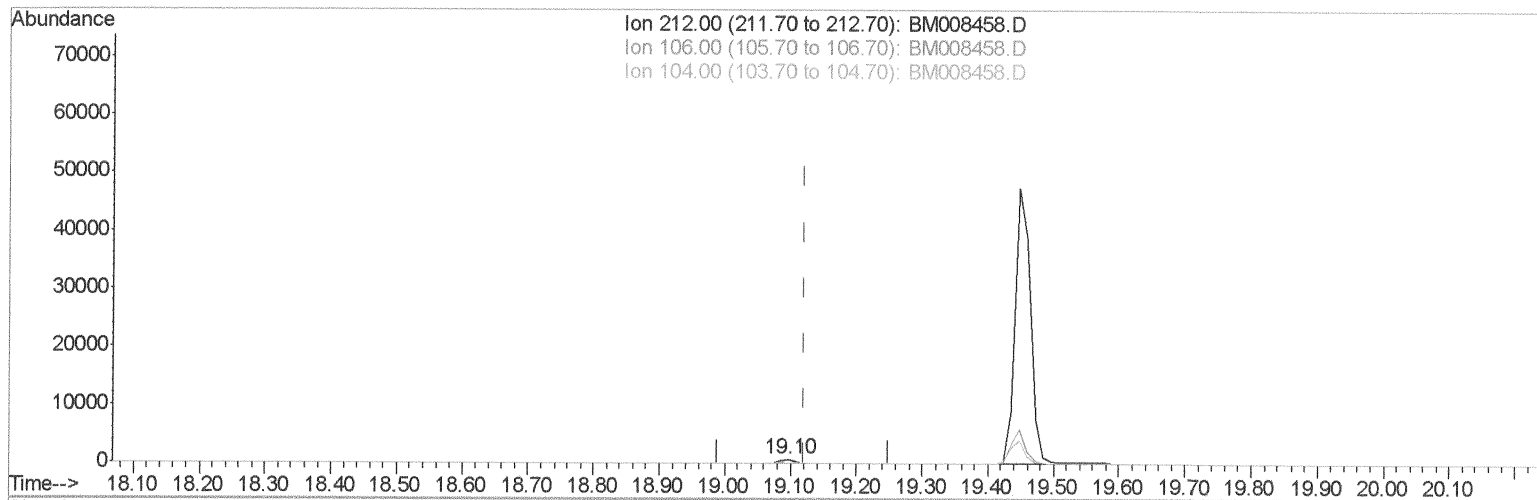
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Data File : BM008458.D
Acq On : 20 Dec 2016 01:13
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Dec 20 04:44:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008458.D

(14) Fluoranthene-d10 (SURR)

19.096min (-0.024) 0.22ng/ul

response 895

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	9.61#
104.00	15.60	5.81#
0.00	0.00	0.00

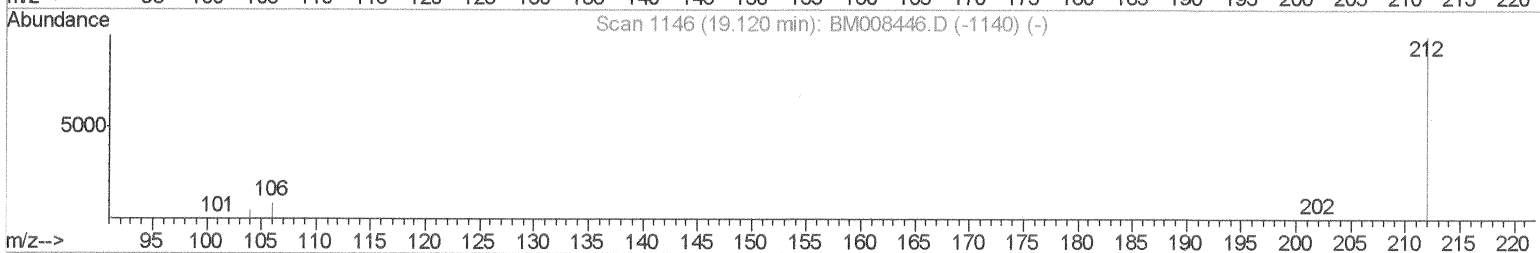
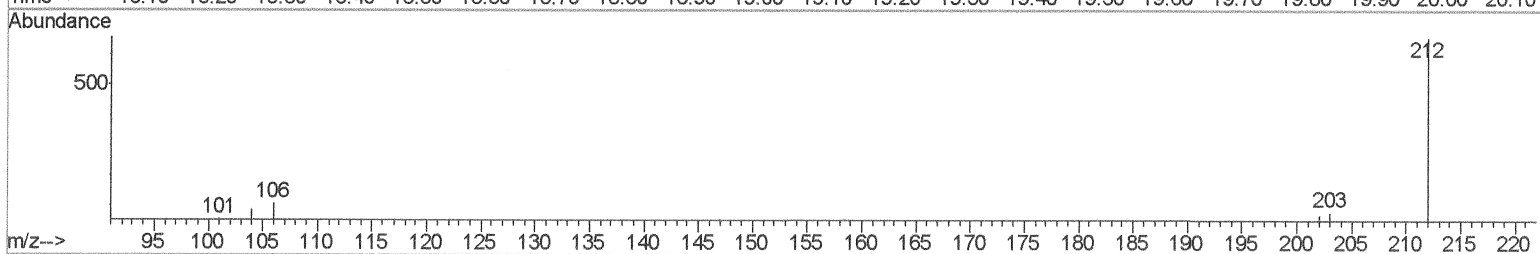
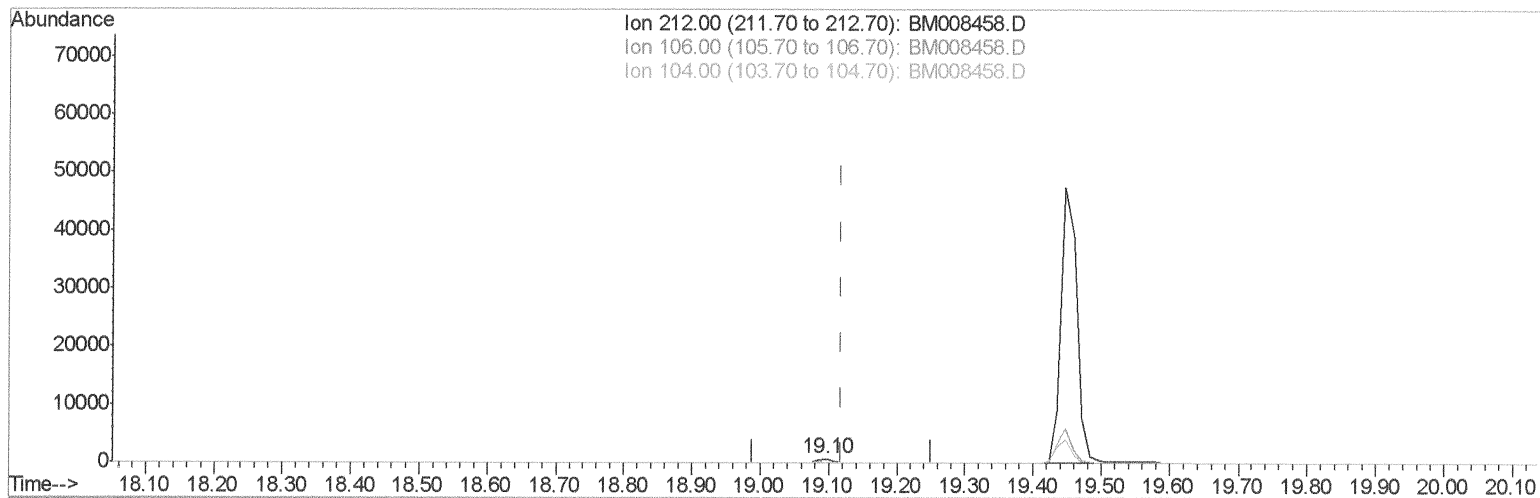
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008458.D
Acq On : 20 Dec 2016 01:13
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA854

Manual Integrations
APPROVED

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Quant Time: Dec 20 04:44:13 2016
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TIC: BM008458.D

(14) Fluoranthene-d10 (SURR)

19.096min (-0.024) 0.22ng/ul m

SJ 12/21/16

response 884

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	9.73#
104.00	15.60	5.88#
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	7.68	152	360	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.44	136	1211	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	730	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1482m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.26	240	1401	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1355m	0.40	ng/ul	-0.03

} SJ 12/21/16

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.06	152	362	0.19	ng/ul	-0.04
14) Fluoranthene-d10	19.10	212	884m	0.22	ng/ul	-0.02

SJ 12/21/16

Target Compounds

					Qvalue
3) Naphthalene	10.49	128	747	0.22 ng/ul#	80
5) 2-Methylnaphthalene	12.13	142	722	0.31 ng/ul	100
9) Fluorene	15.36	166	128	0.05 ng/ul#	73
12) Phenanthrene	17.09	178	492m	0.11 ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	727	0.14 ng/ul#	78

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