

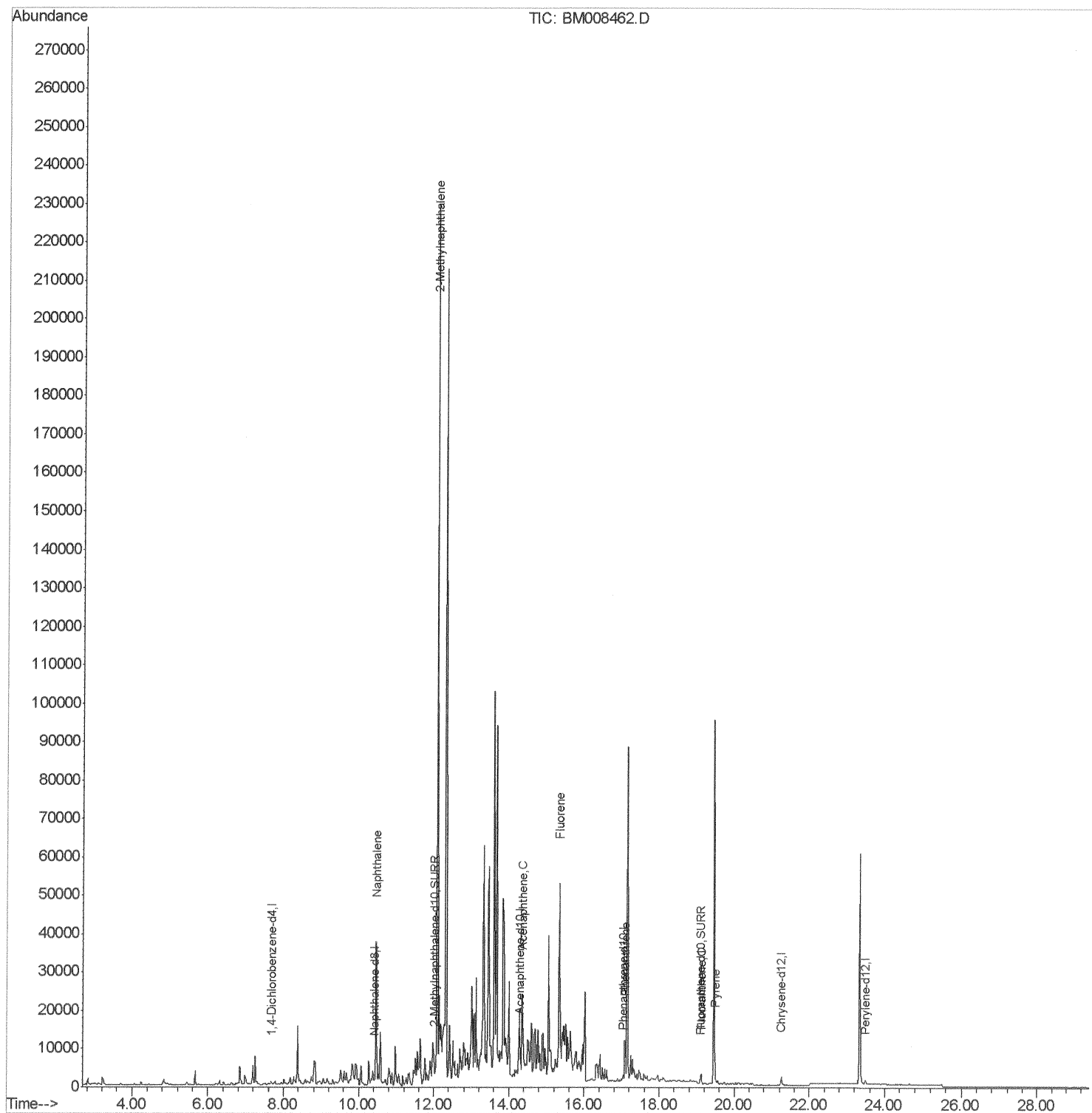
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008462.D
Acq On : 20 Dec 2016 03:36
Operator : UM/SJ
Sample : H5938-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA836

Manual Integrations
APPROVED

sohil
12/20/2016 6:31:24 PM

Quant Time: Dec 20 04:59:22 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 04:48:59 2016
Response via : Initial Calibration



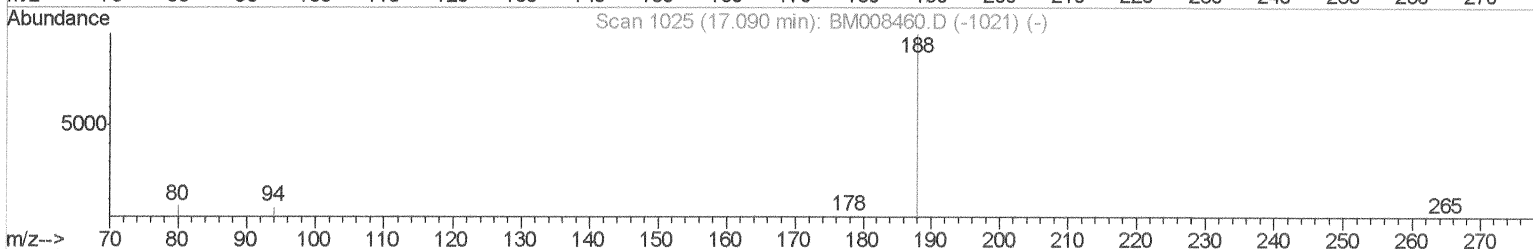
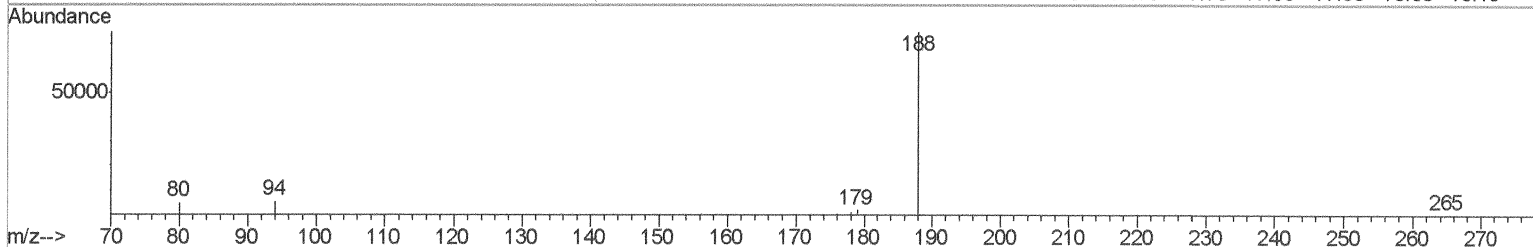
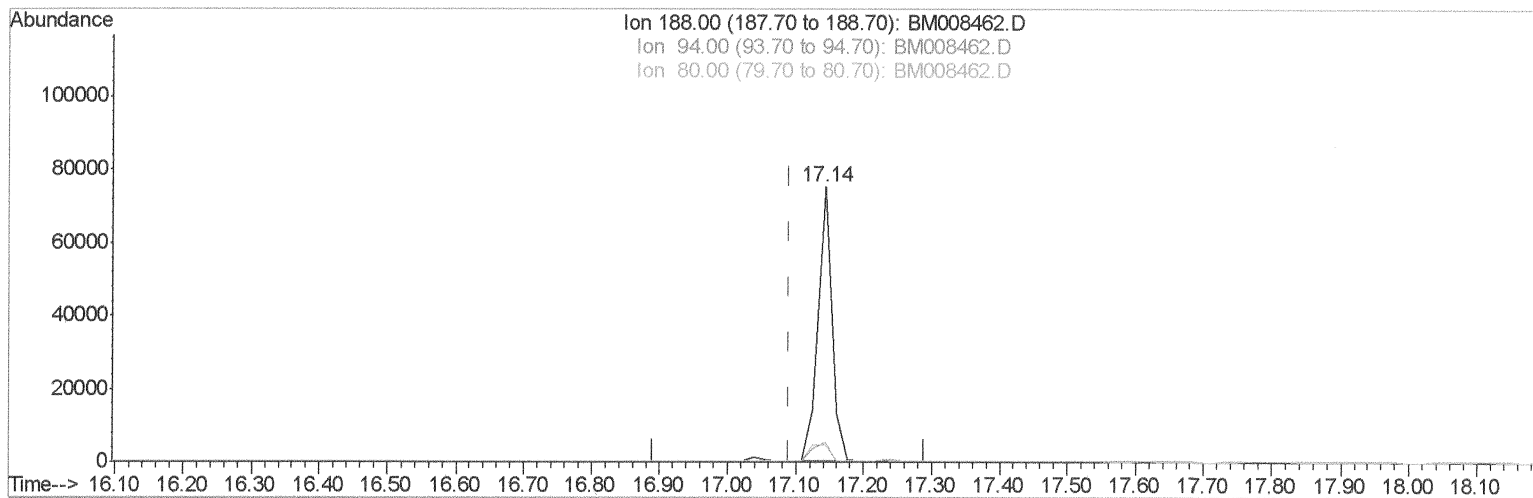
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TIC: BM008462.D

(10) Phenanthrene-d10 (I)

17.142min (+0.052) 0.40ng/ul

response 105504

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.13#
80.00	11.80	6.31#
0.00	0.00	0.00

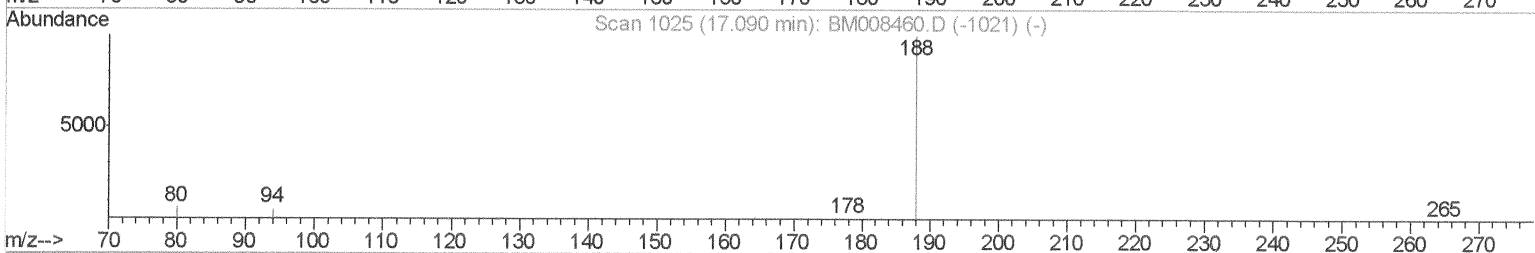
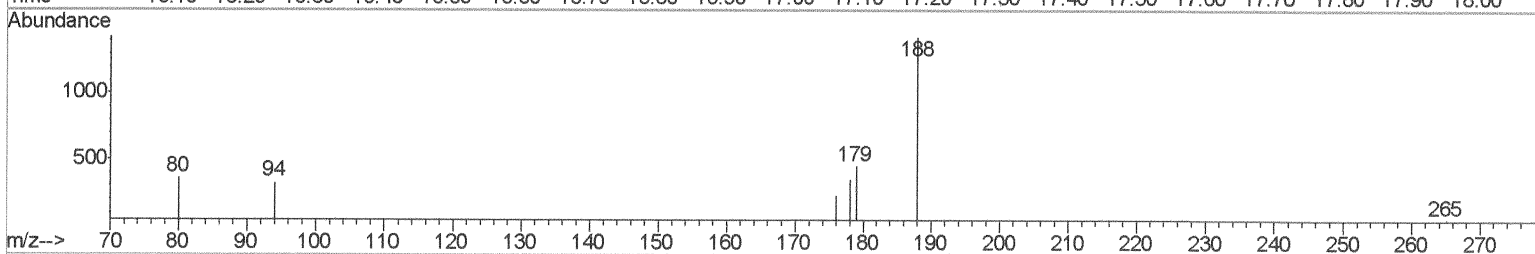
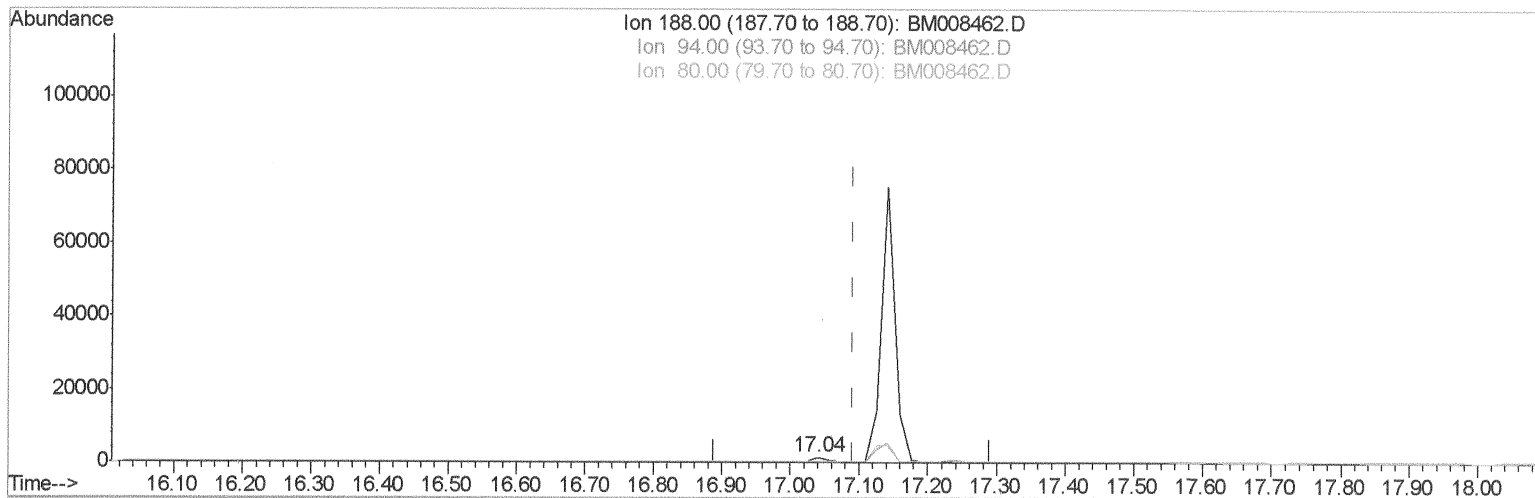
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TIC: BM008462.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

SJ 12/21/16

response 2030

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	22.81#
80.00	11.80	25.05#
0.00	0.00	0.00

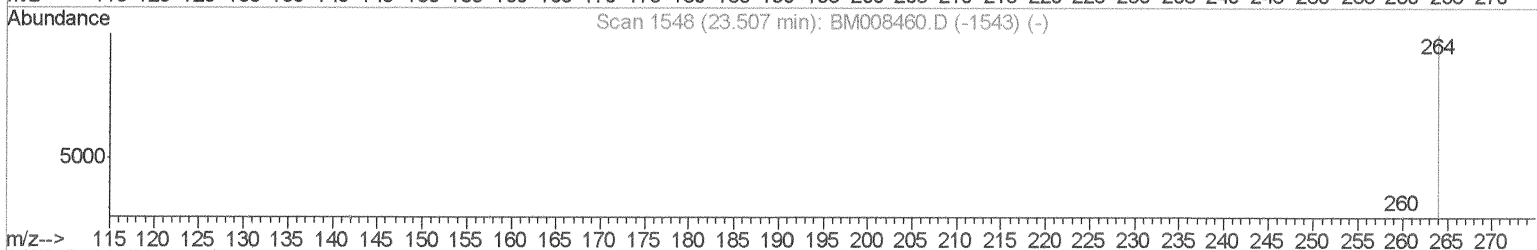
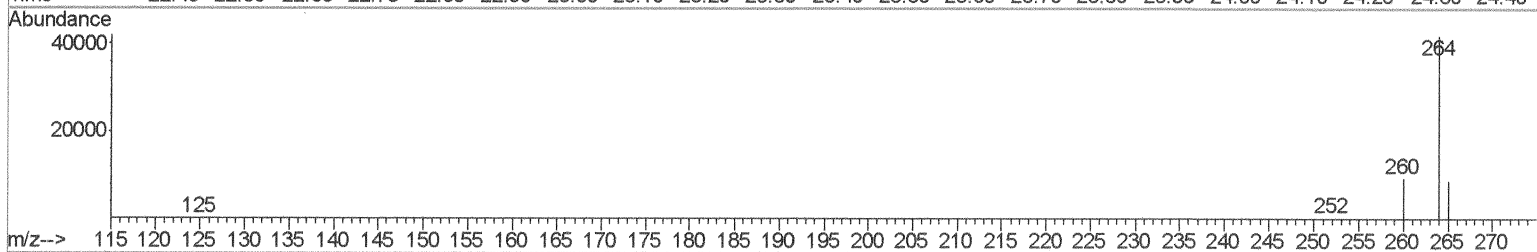
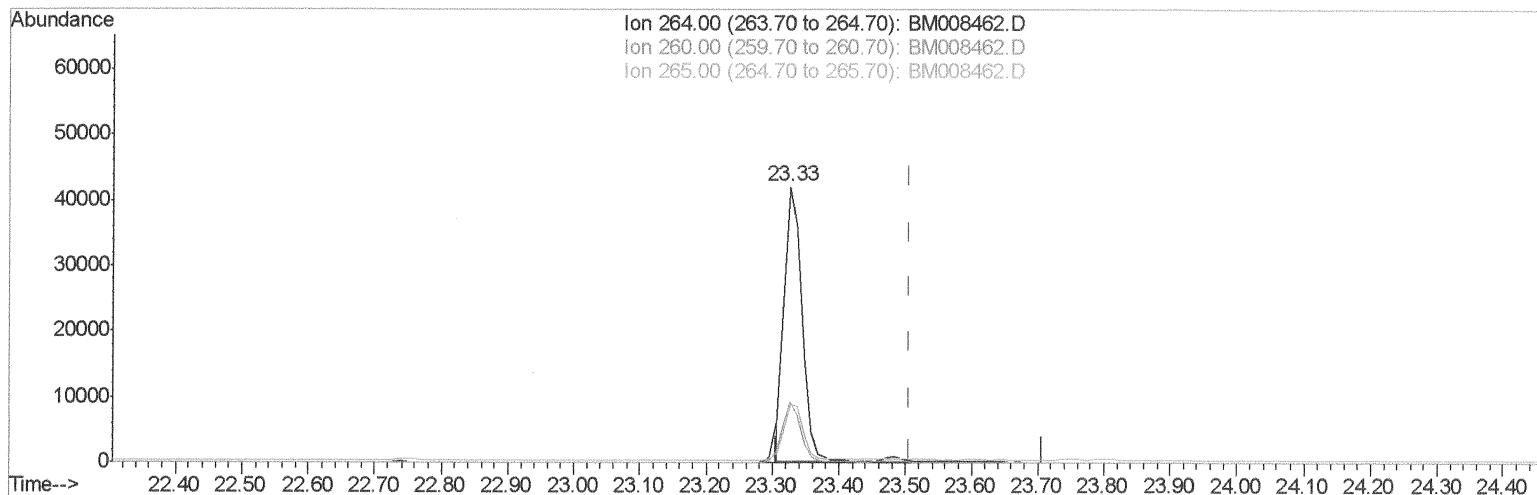
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TIC: BM008462.D

(20) Perylene-d12 (I)

23.326min (-0.180) 0.40ng/ul

response 77039

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.29#
265.00	103.50	21.24#
0.00	0.00	0.00

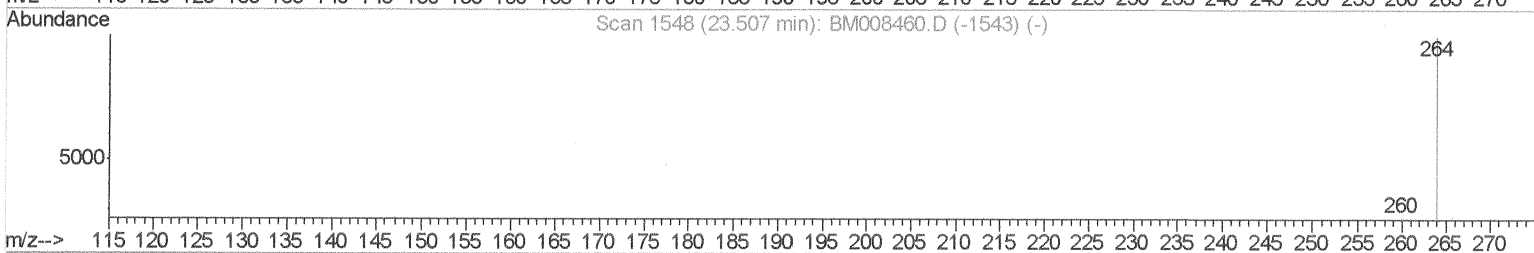
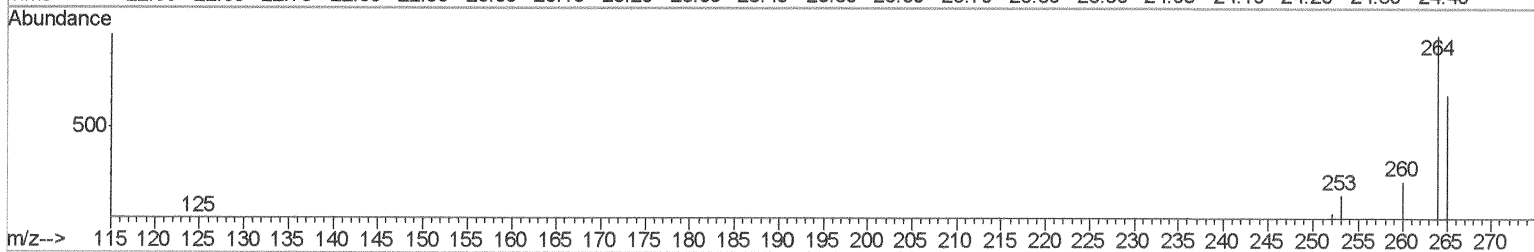
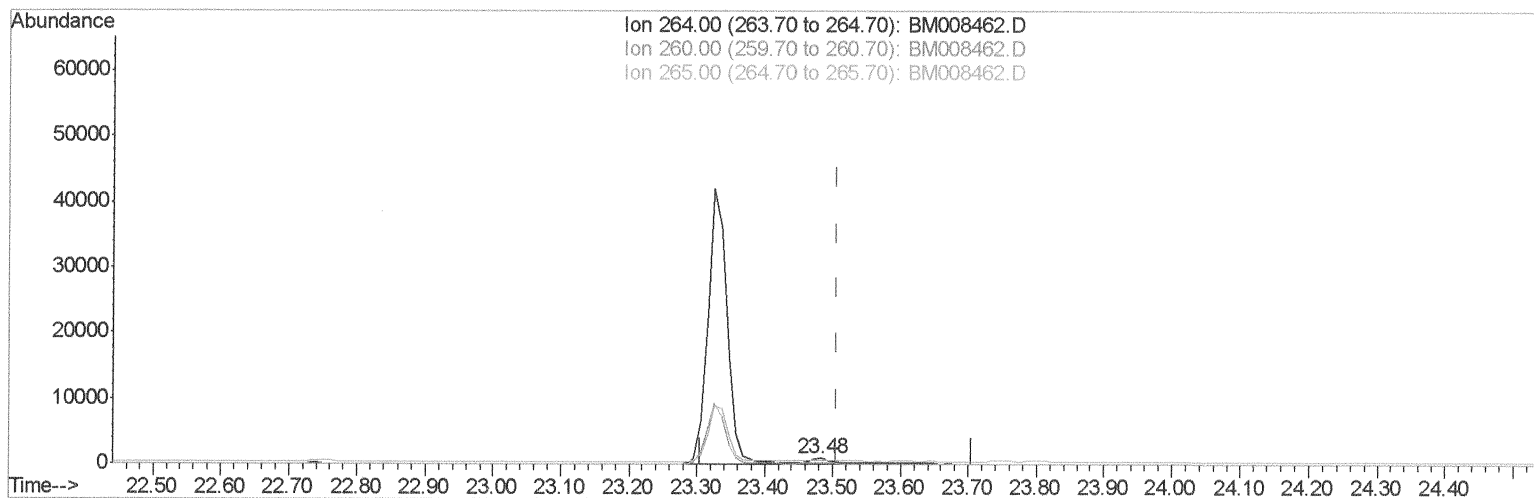
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Sample : H5938-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BM008462.D

(20) Perylene-d12 (I)

23.483min (-0.024) 0.40ng/ul m

SJ 12/21/16

response 1659

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	31.33
265.00	103.50	72.06#
0.00	0.00	0.00

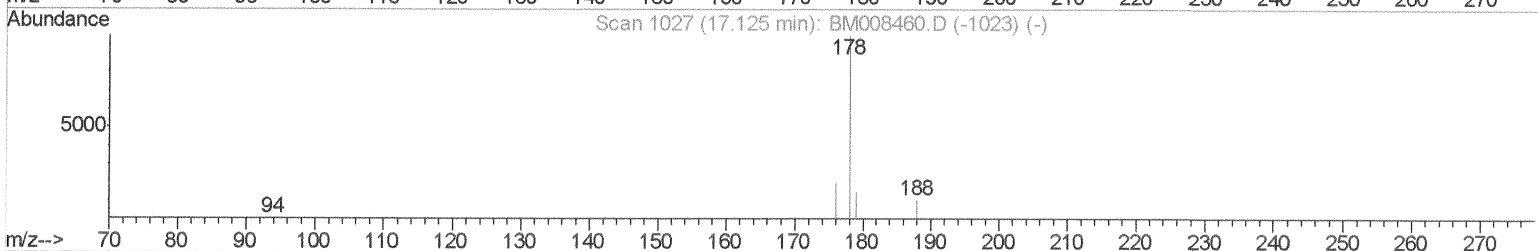
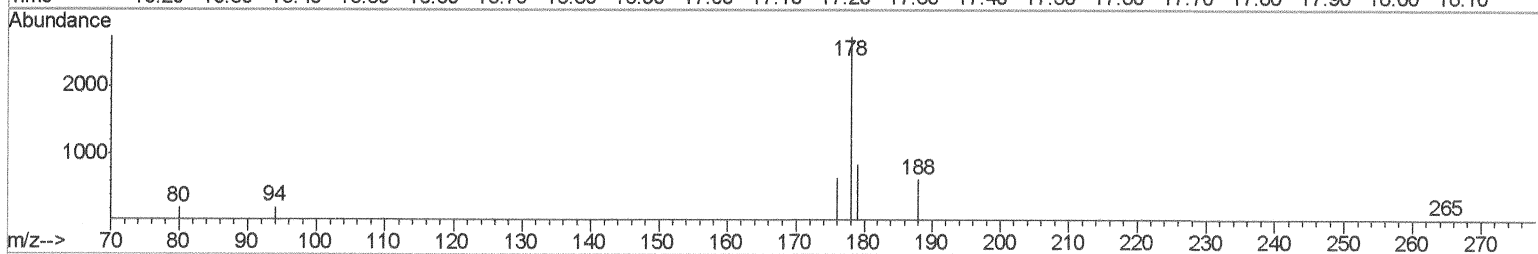
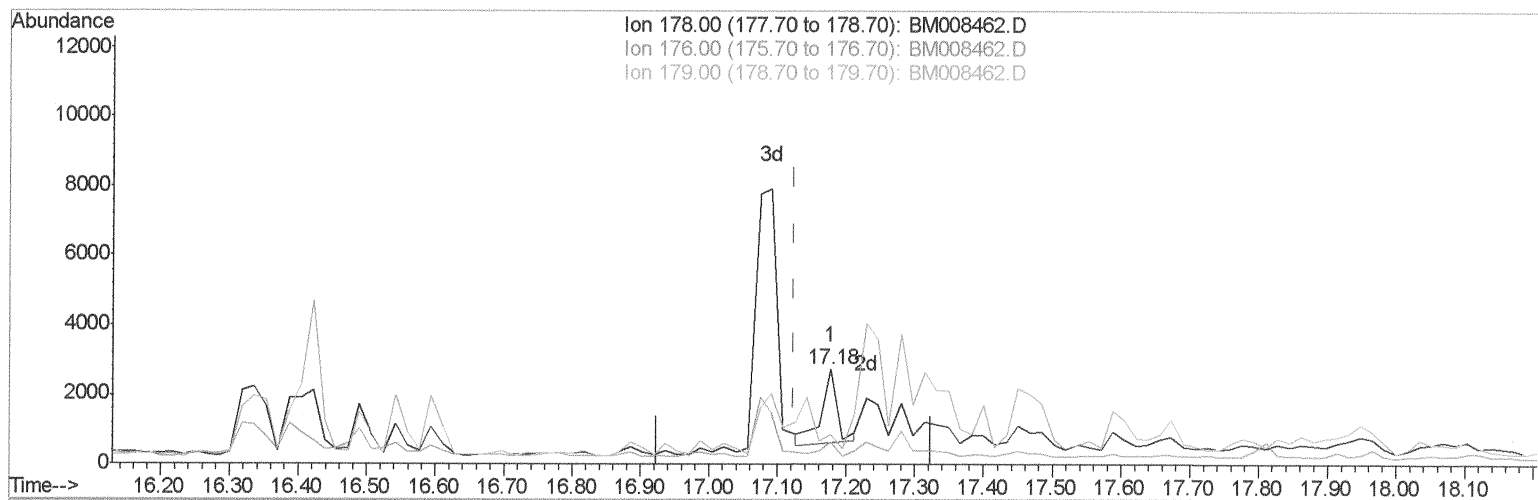
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Operator : UM/SJ
Sample : H5938-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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Quant Time: Dec 20 04:54:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008462.D

(12) Phenanthrene

17.176min (+0.052) 0.54ng/ul

response 3374

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	23.80
179.00	17.00	31.79#
0.00	0.00	0.00

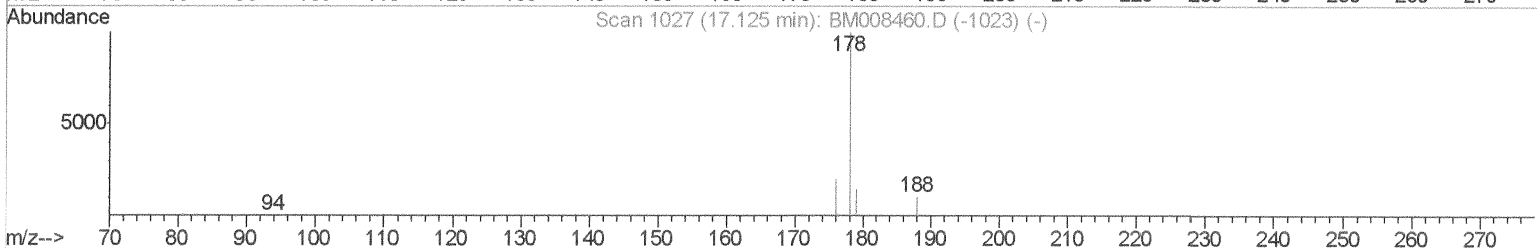
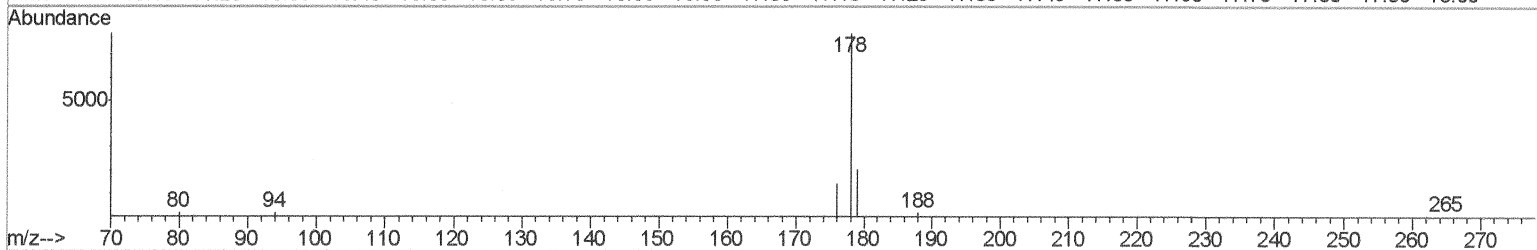
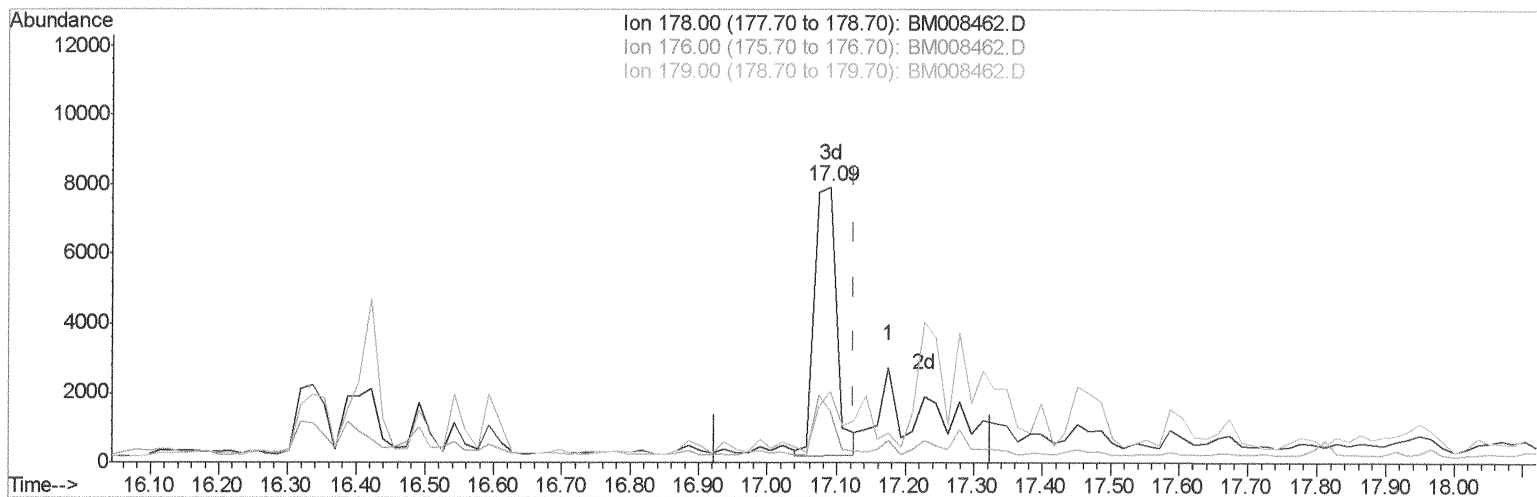
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Sample : H5938-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM008462.D

(12) Phenanthrene

17.090min (-0.034) 2.83ng/ul m

SJ 12/21/16

response 17553

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	18.45
179.00	17.00	26.07#
0.00	0.00	0.00

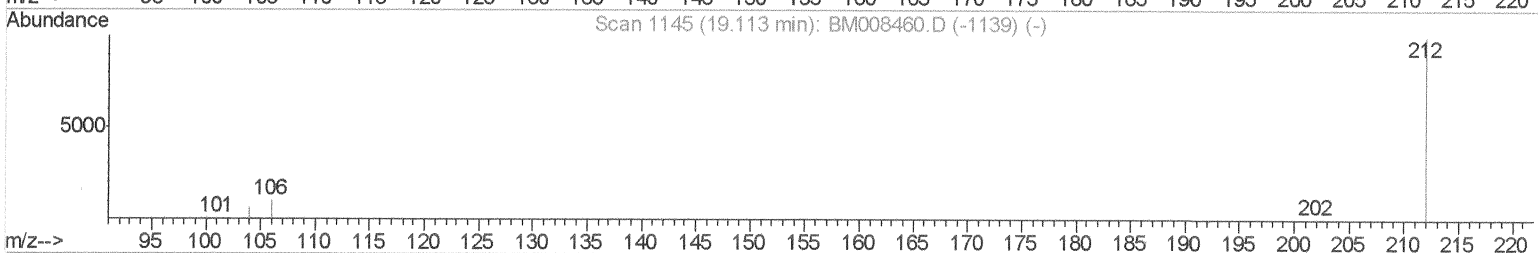
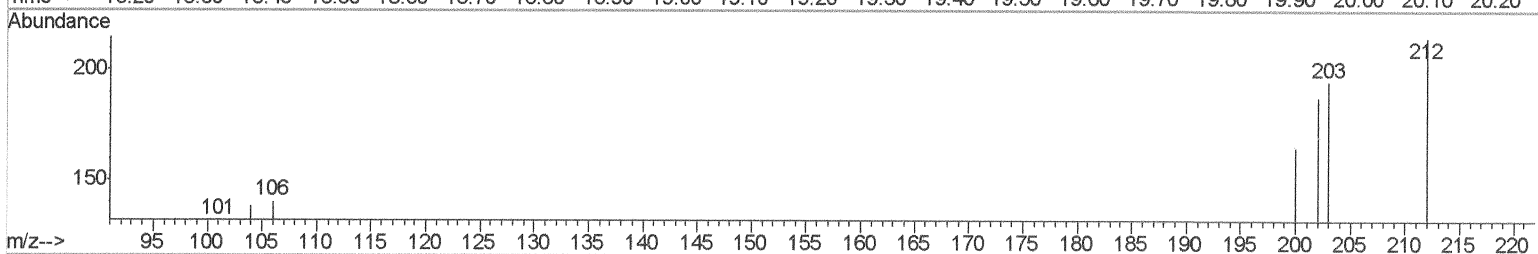
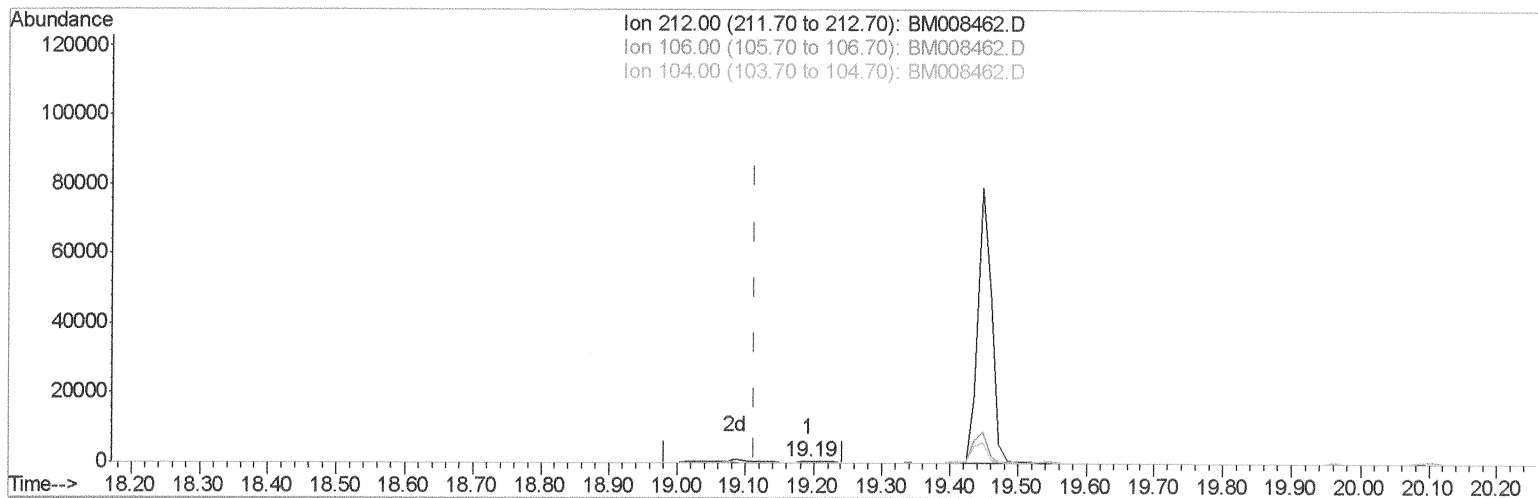
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Manual Integrations
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TIC: BM008462.D

(14) Fluoranthene-d10 (SURR)

19.193min (+0.080) 0.03ng/ul

response 192

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	4.69#
0.00	0.00	0.00

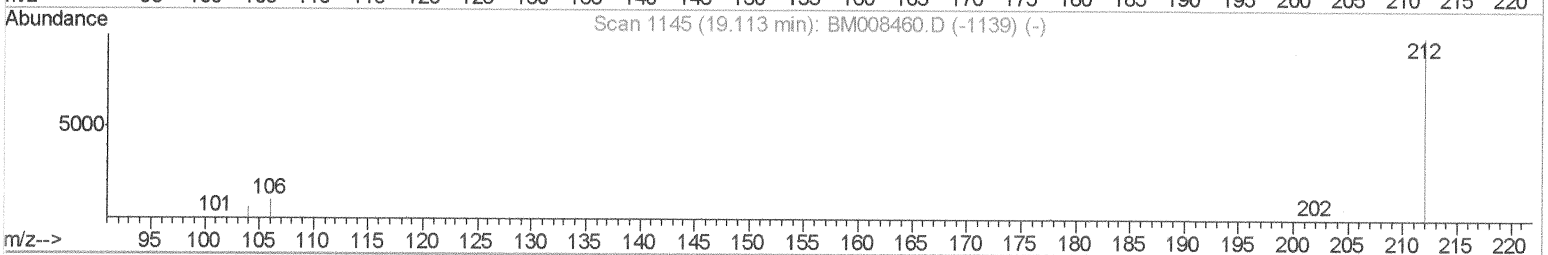
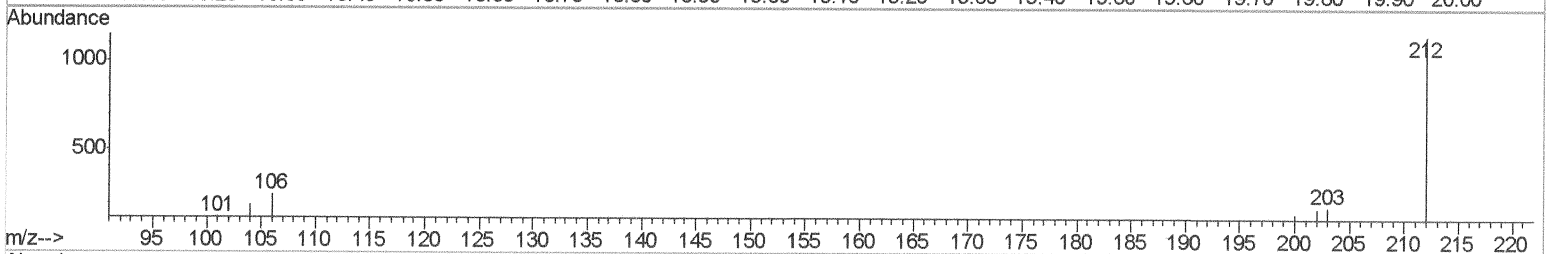
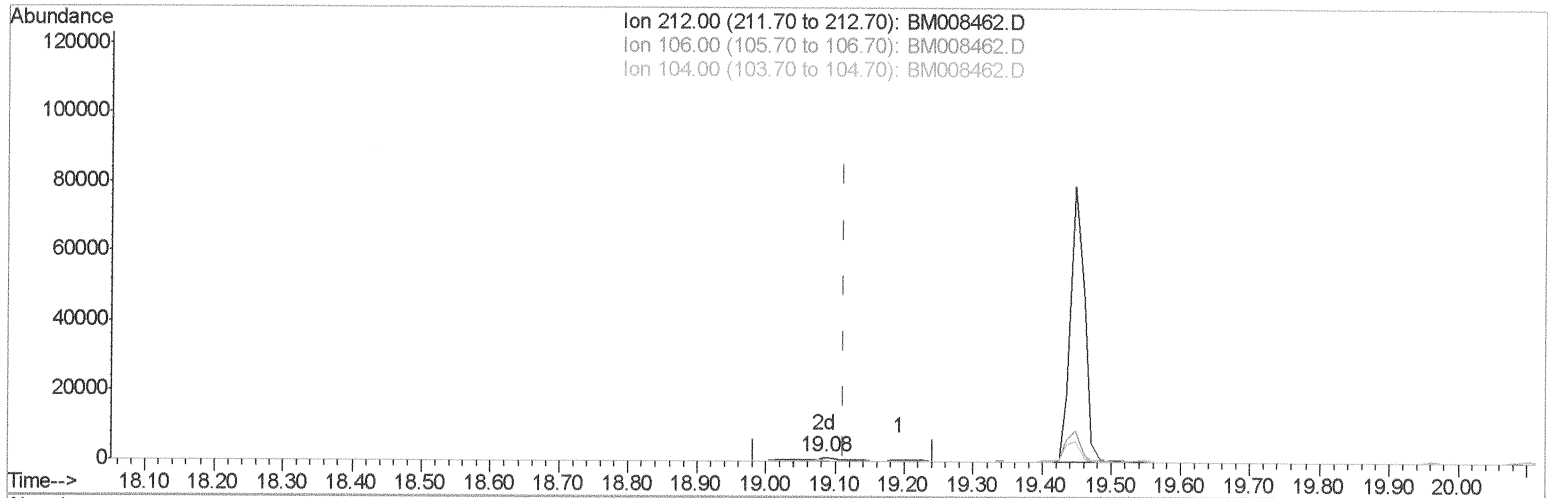
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Operator : UM/SJ
Sample : H5938-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Dec 20 04:55:20 2016
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TIC: BM008462.D

(14) Fluoranthene-d10 (SURR)

19.084min (-0.029) 0.30ng/ul m *SJ 12/21/16*

response 1673

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.54#
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	443	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1443	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	1915	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	2030m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1867	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1659m	0.40	ng/ul	-0.02

SJ 12/21/16

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	701	0.32	ng/ul	-0.08
14) Fluoranthene-d10	19.08	212	1673m	0.30	ng/ul	-0.03

SJ 12/21/16

Target Compounds

					Qvalue
3) Naphthalene	10.46	128	58683	14.45	ng/ul 96
5) 2-Methylnaphthalene	12.09	142	155667	56.97	ng/ul 100
8) Acenaphthene	14.35	153	16535	2.54	ng/ul 96
9) Fluorene	15.34	166	34221	4.60	ng/ul# 75
12) Phenanthrene	17.09	178	17553m	2.83	ng/ul
15) Fluoranthene	19.12	202	2670	0.35	ng/ul 88
17) Pyrene	19.47	202	3471	0.48	ng/ul# 84

SJ 12/21/16

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