

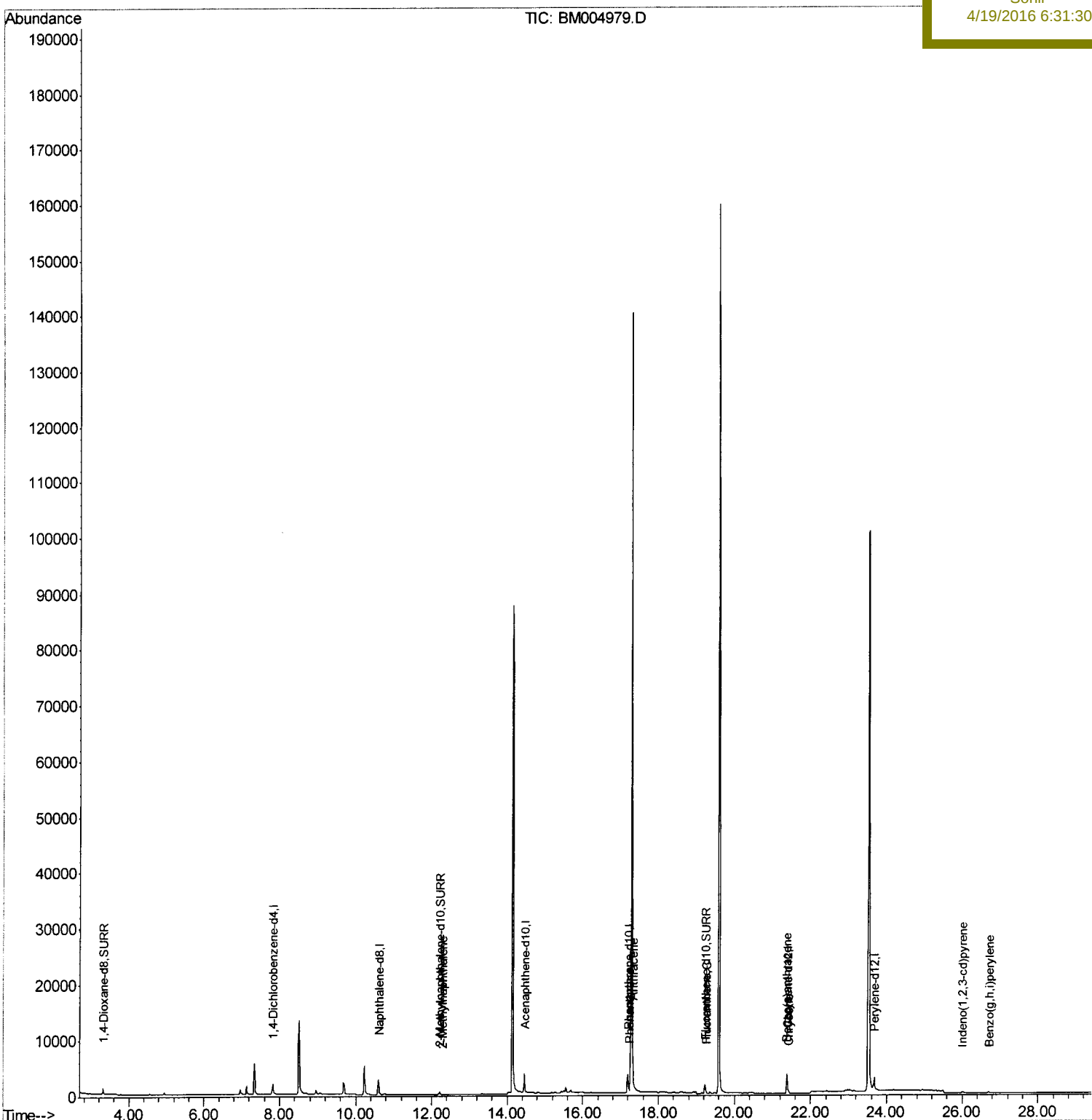
Data Path : Z:\HPCHEM1\BNA_M\Data\BM041816\
Data File : BM004979.D
Acq On : 18 Apr 2016 18:55
Operator : UM/SJ
Sample : H2275-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 19 10:38:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 08:25:48 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9T84

Manual Integrations
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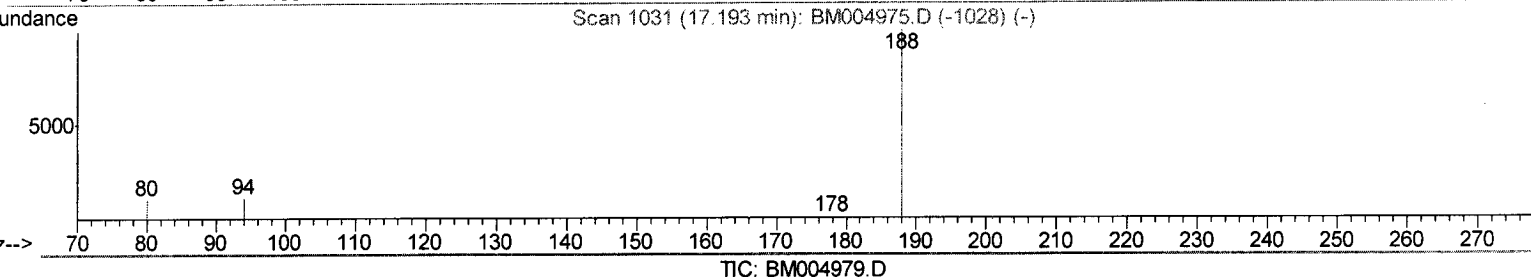
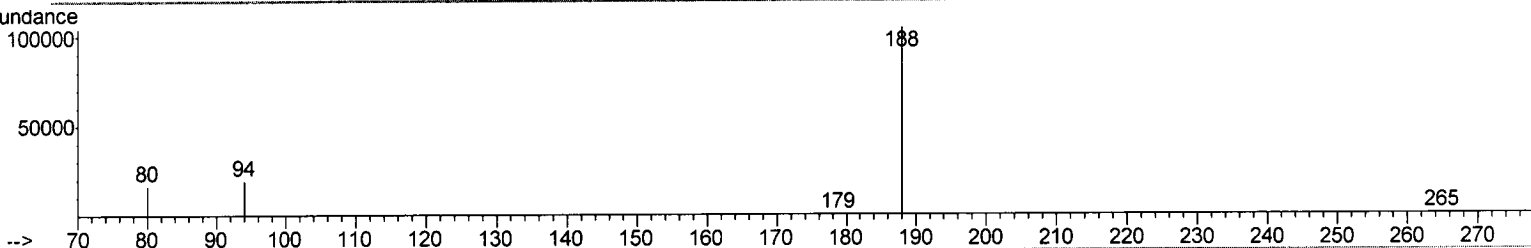
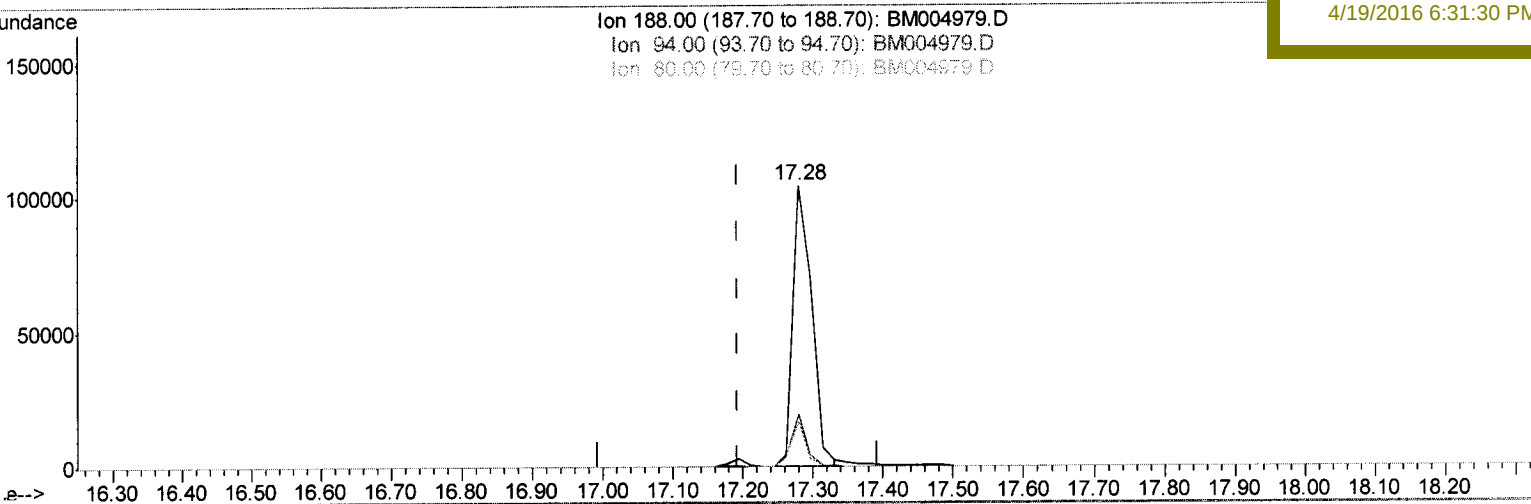
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(12) Phenanthrene-d10 (I)

17.279min (+0.086) 0.40ng/ul

response 193886

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	18.70#
80.00	11.90	16.01#
0.00	0.00	0.00

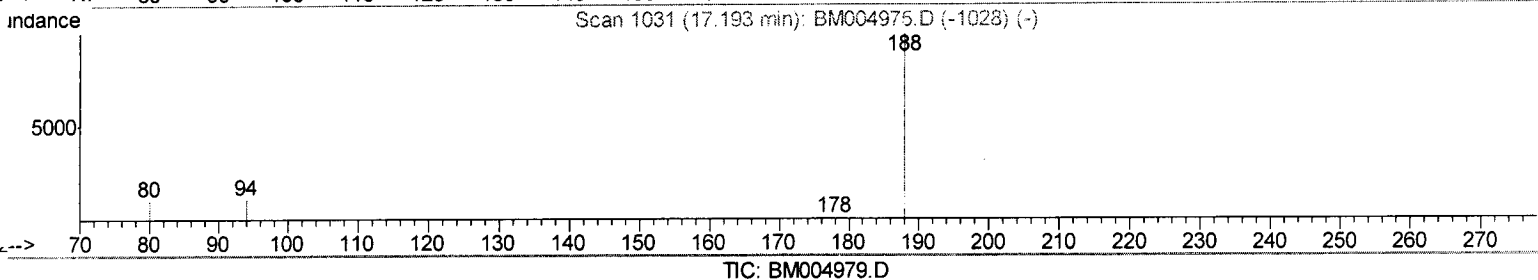
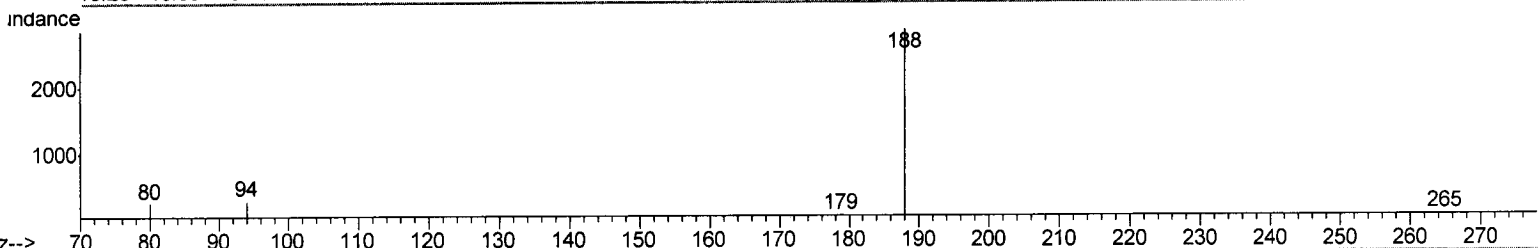
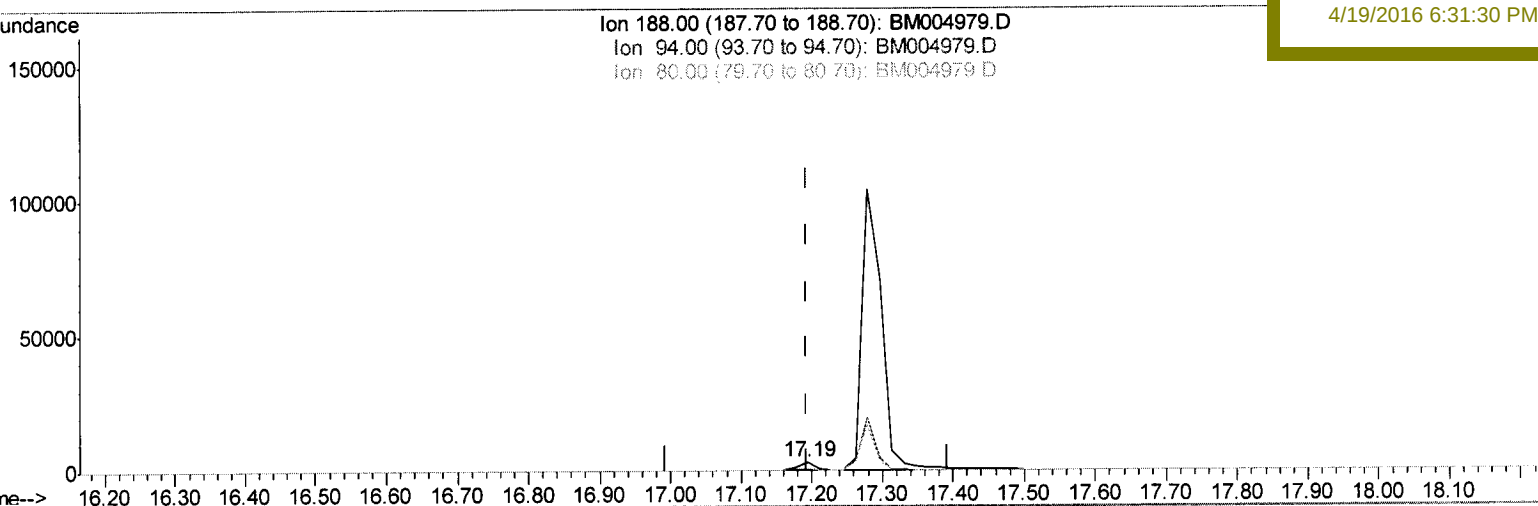
Data Path : Z:\HPCHEM1\BNA_M\Data\BM041816\
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 Operator : UM/SJ
 Sample : H2275-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(12) Phenanthrene-d10 (I)

17.193min (+0.000) 0.40ng/ul m > V.M.
04/25/16

response 4646

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.87
80.00	11.90	9.03#
0.00	0.00	0.00

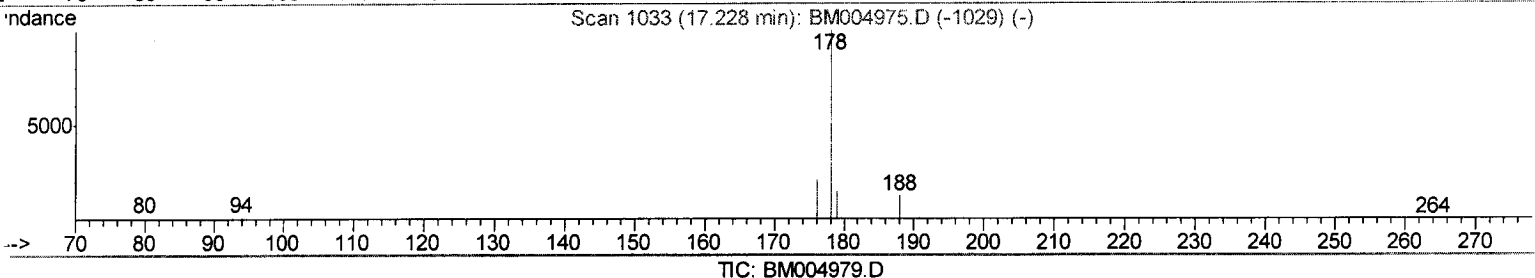
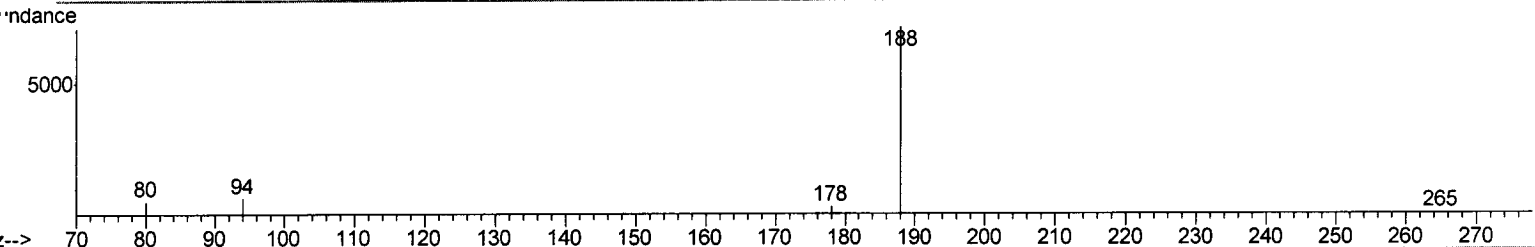
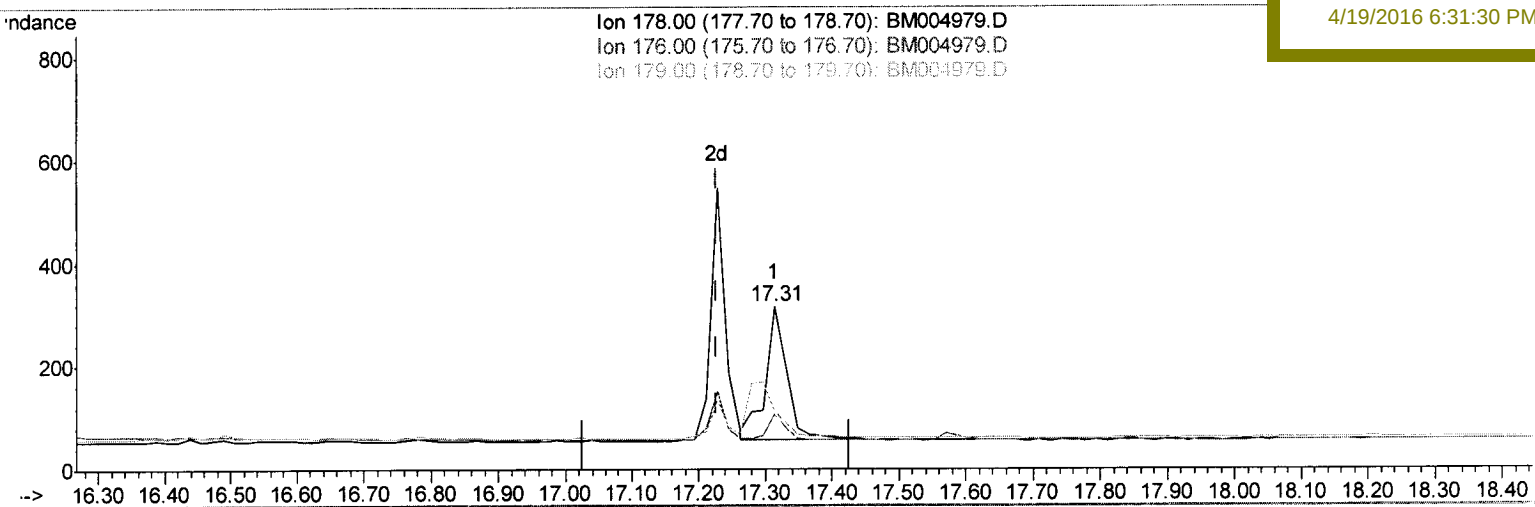
Data Path : Z:\HPCHEM1\BNA_M\Data\BM041816\
Data File : BM004979.D
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Operator : UM/SJ
Sample : H2275-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 22 07:32:54 2016
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Instrument :
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Manual Integrations
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(14) Phenanthrene

17.314min (+0.086) 0.00ng/ul

response 575

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	33.97#
179.00	17.70	35.56#
0.00	0.00	0.00

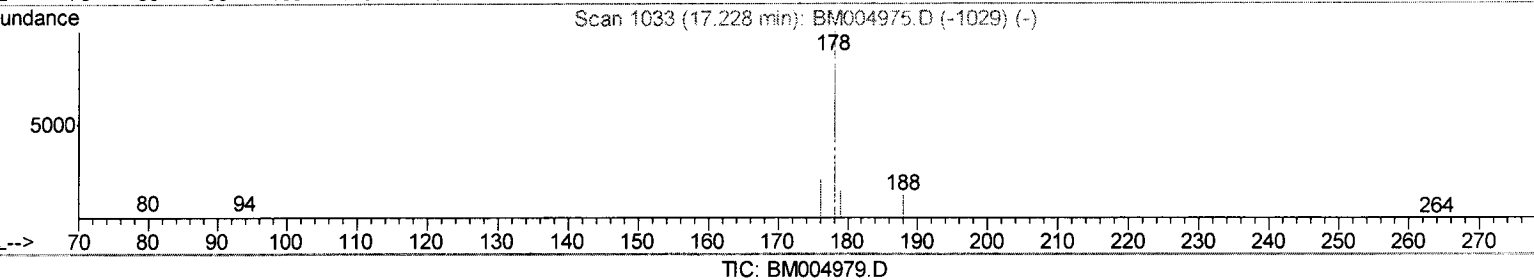
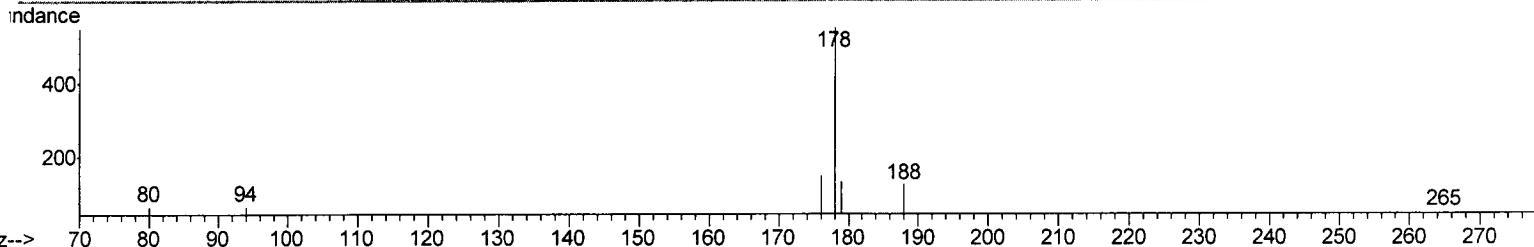
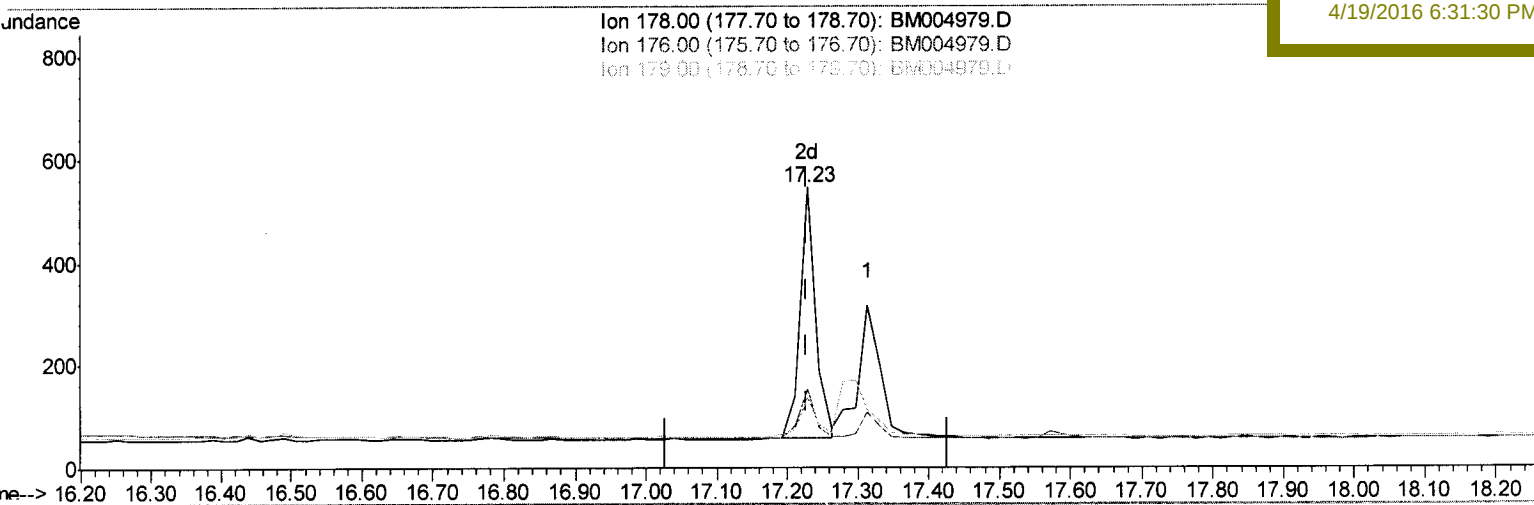
Data Path : Z:\HPCHEM1\BNA_M\Data\BM041816\
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 Acq On : 18 Apr 2016 18:55
 Operator : UM/SJ
 Sample : H2275-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(14) Phenanthrene

17.228min (+0.000) 0.06ng/ul m

response 738

> U.M.
 04/25/16

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	27.71#
179.00	17.70	24.40#
0.00	0.00	0.00

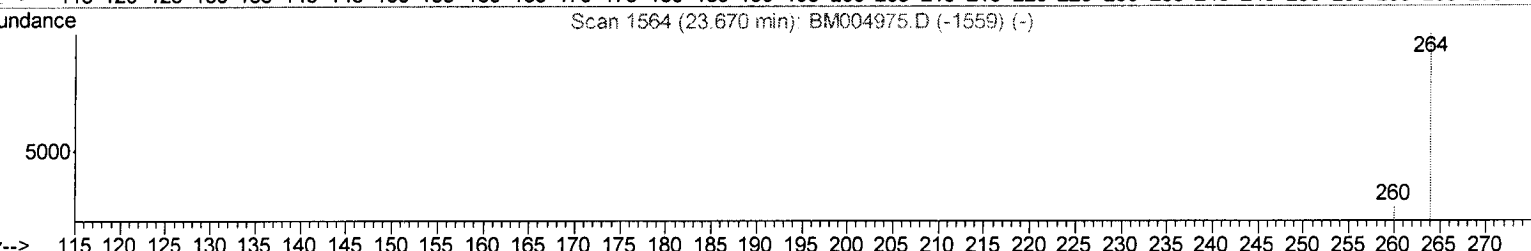
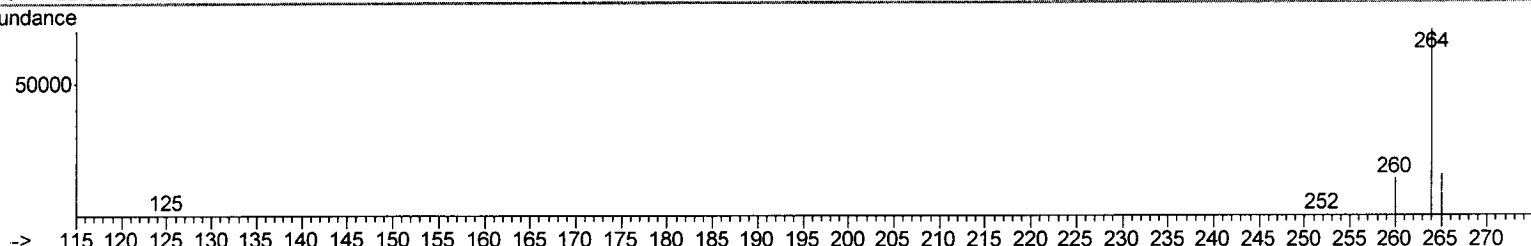
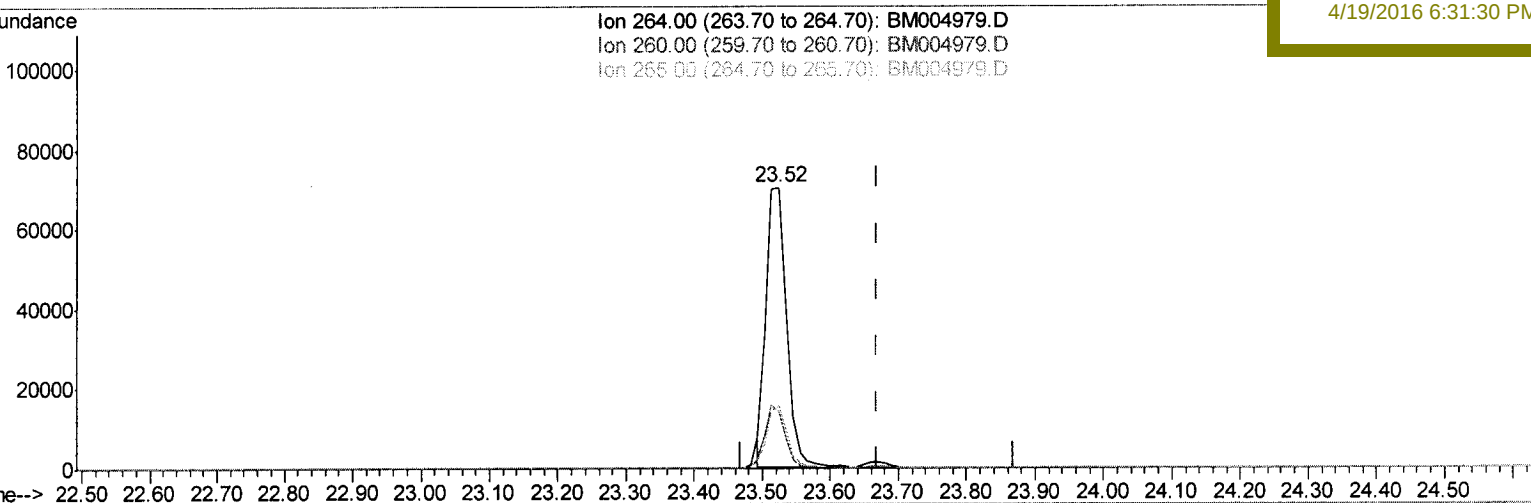
Data Path : Z:\HPCHEM1\BNA_M\Data\BM041816\
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Operator : UM/SJ
Sample : H2275-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 22 07:32:54 2016
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BNA_M
ClientSampleId :
D9T84

Manual Integrations
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TIC: BM004979.D

(22) Perylene-d12 (I)

23.524min (-0.146) 0.40ng/ul

response 143064

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	20.13#
265.00	38.20	22.12#
0.00	0.00	0.00

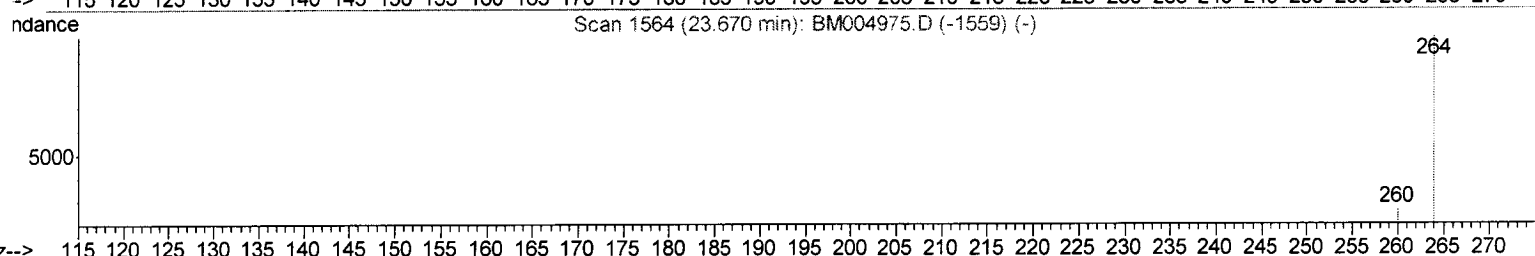
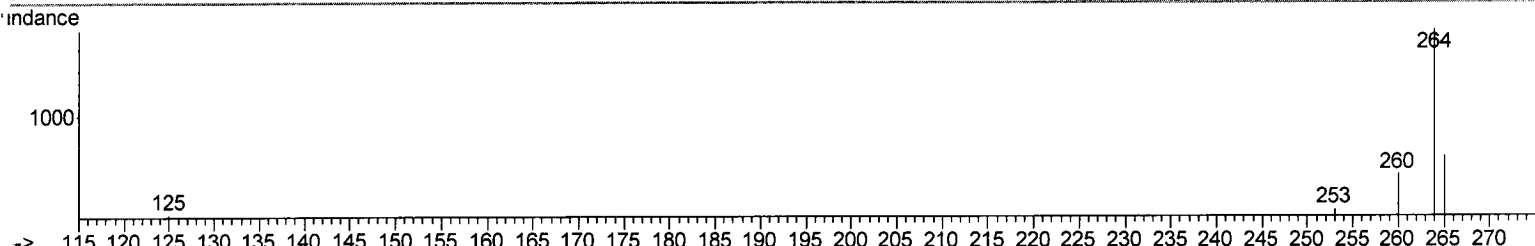
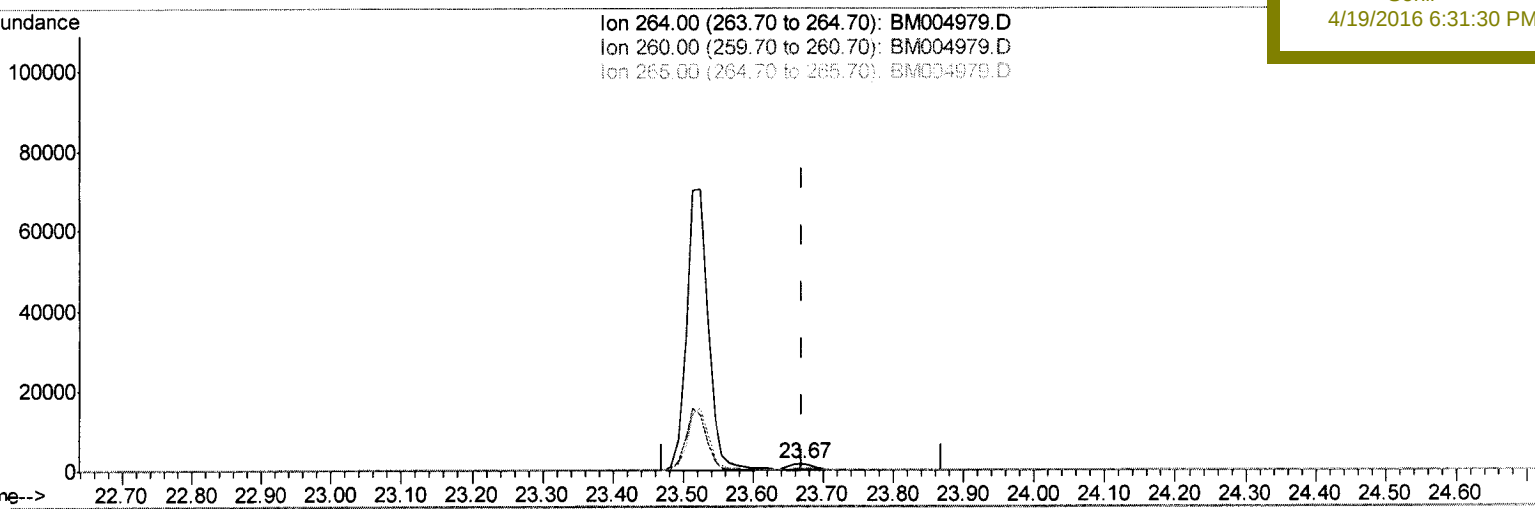
Data Path : Z:\HPCHEM1\BNA_M\Data\BM041816\
 Data File : BM004979.D
 Acq On : 18 Apr 2016 18:55
 Operator : UM/SJ
 Sample : H2275-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9T84

Quant Time: Apr 19 10:38:50 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 08:25:48 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM004979.D

(22) Perylene-d12 (I)

23.670min (+0.000) 0.40ng/ul m

> U.M.
 04/25/16

response 2695

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.60
265.00	38.20	36.05
0.00	0.00	0.00

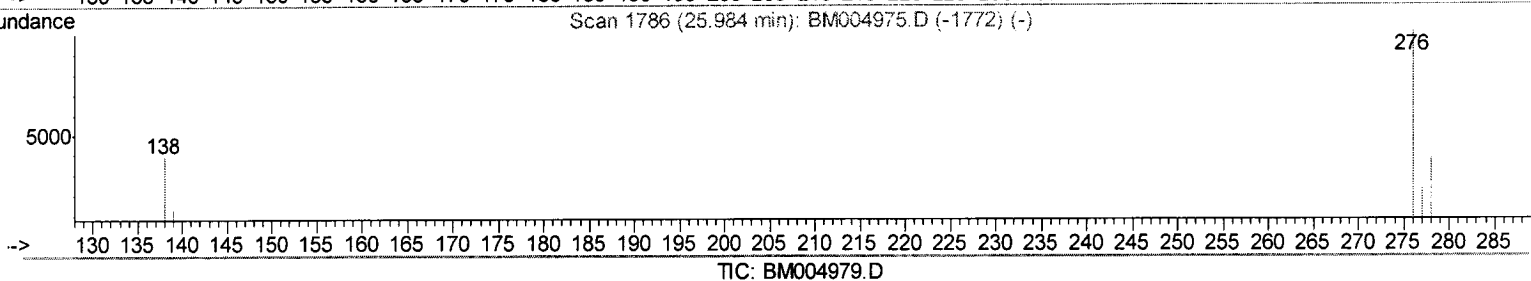
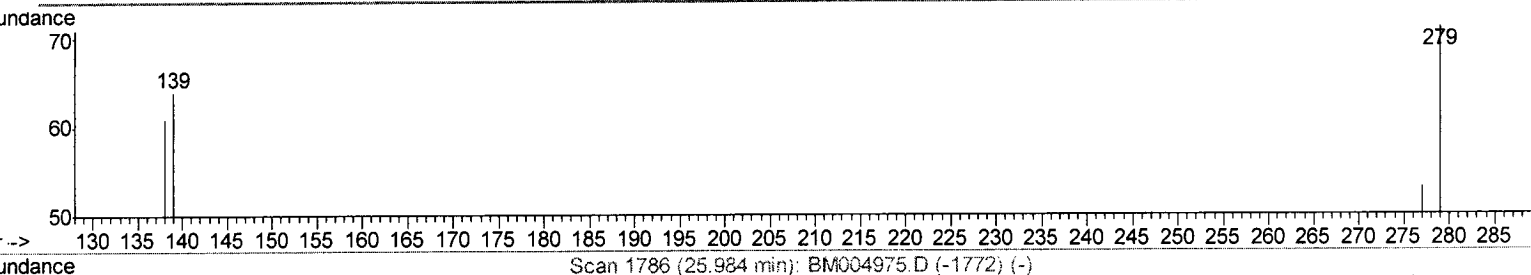
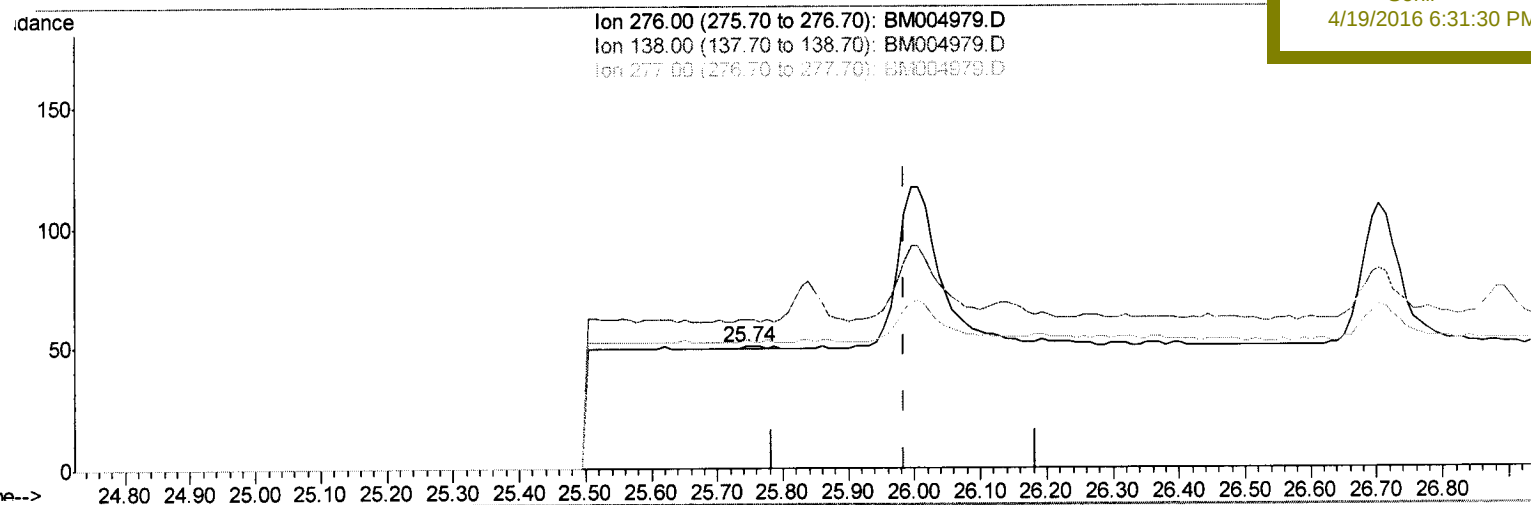
Data Path : Z:\HPCHEM1\BNA_M\Data\BM041816\
Data File : BM004979.D
Acq On : 18 Apr 2016 18:55
Operator : UM/SJ
Sample : H2275-11
Disc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 22 07:32:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041816.M
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QLast Update : Tue Apr 19 08:25:48 2016
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Instrument :
BNA_M
ClientSampleId :
D9T84

Manual Integrations
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(26) Indeno(1,2,3-cd)pyrene

25.745min (-0.240) 0.00ng/ul

response 3

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	66.67#
277.00	24.80	33.33#
0.00	0.00	0.00

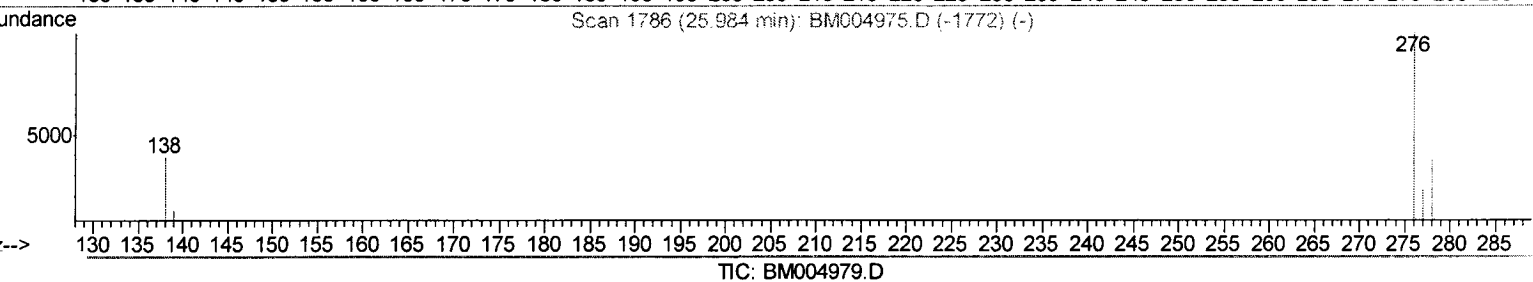
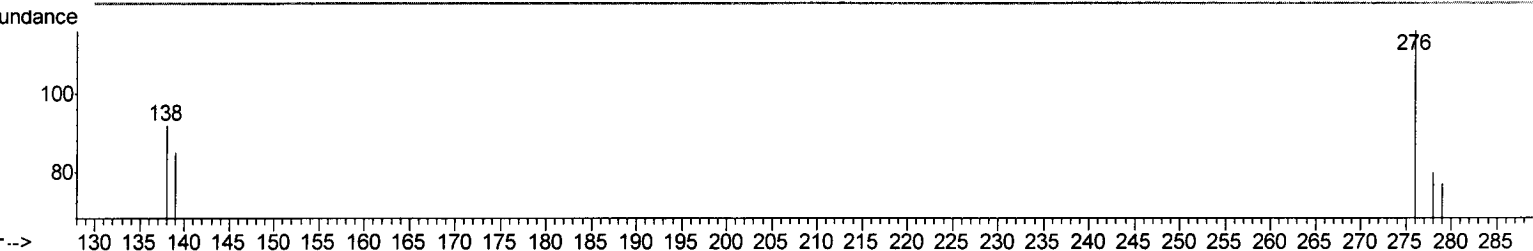
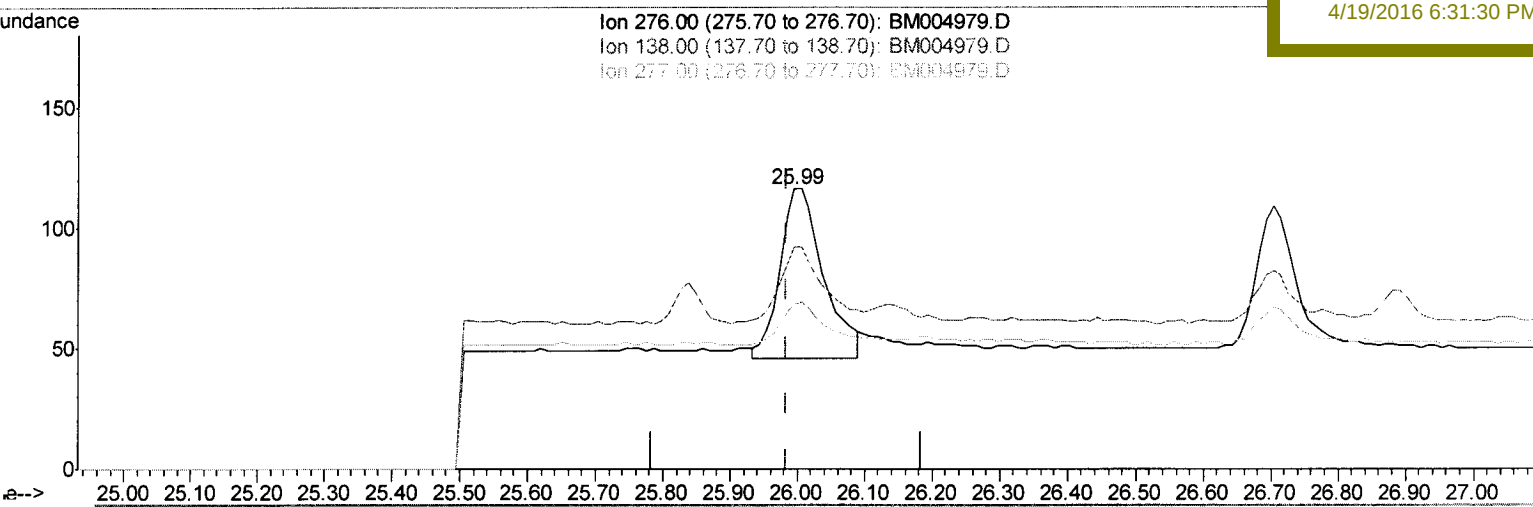
Data Path : Z:\HPCHEM1\BNA_M\Data\BM041816\
 Data File : BM004979.D
 Acq On : 18 Apr 2016 18:55
 Operator : UM/SJ
 Sample : H2275-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9T84

Quant Time: Apr 19 10:38:50 2016
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Manual Integrations
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(26) Indeno(1,2,3-cd)pyrene

25.995min (+0.011) 0.04ng/ul m

response 314

> U.M.
 04/25/16

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.64#
277.00	24.80	0.32#
0.00	0.00	0.00

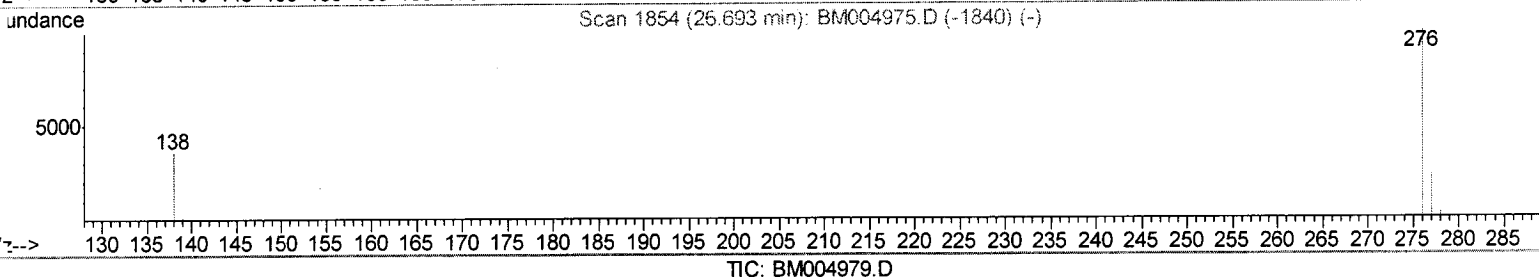
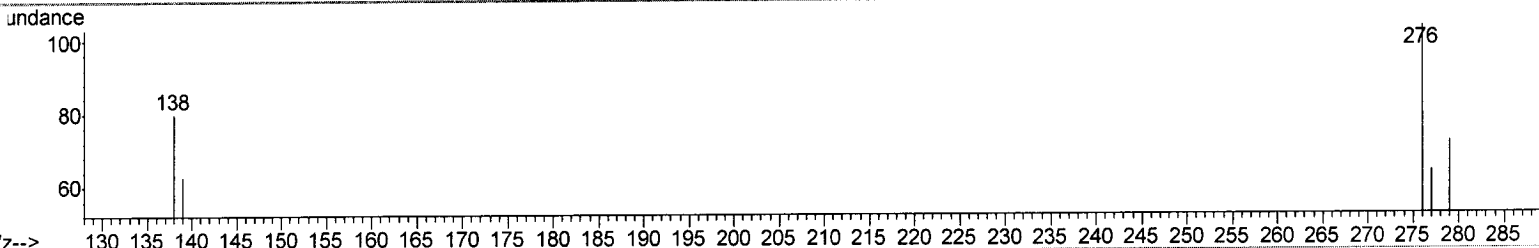
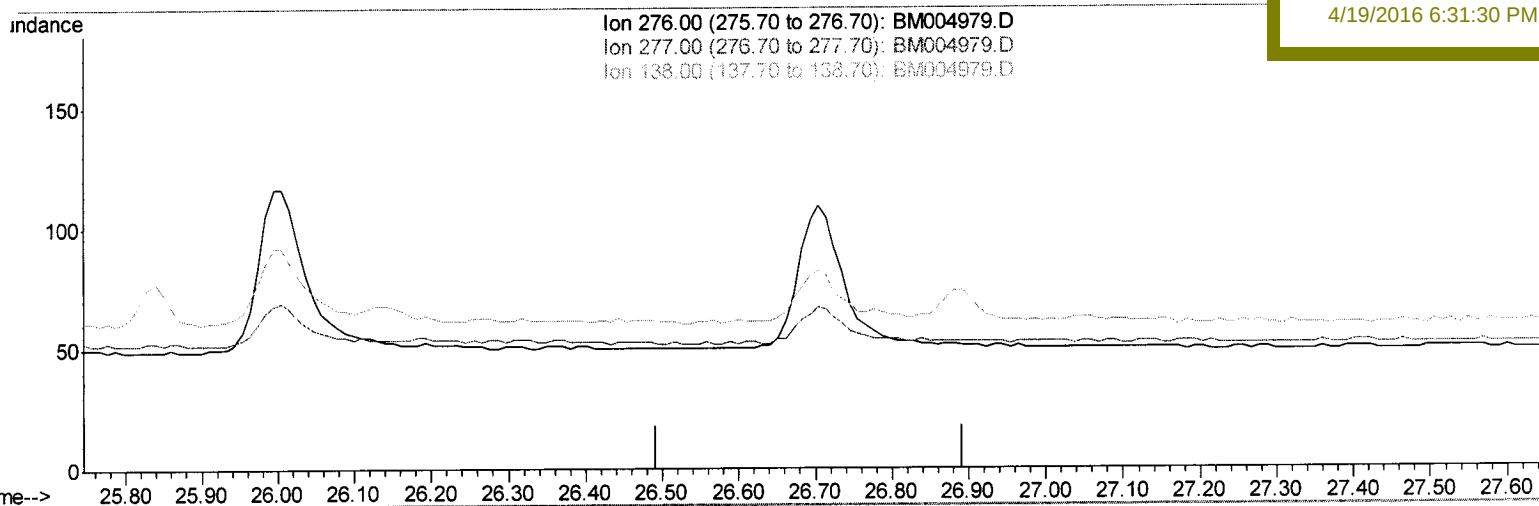
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Data File : BM004979.D
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Operator : UM/SJ
Sample : H2275-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9T84

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Manual Integrations
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(28) Benzo(g,h,i)perylene

26.693min (-26.693) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
277.00	23.60	0.00#
138.00	28.10	0.00#
0.00	0.00	0.00

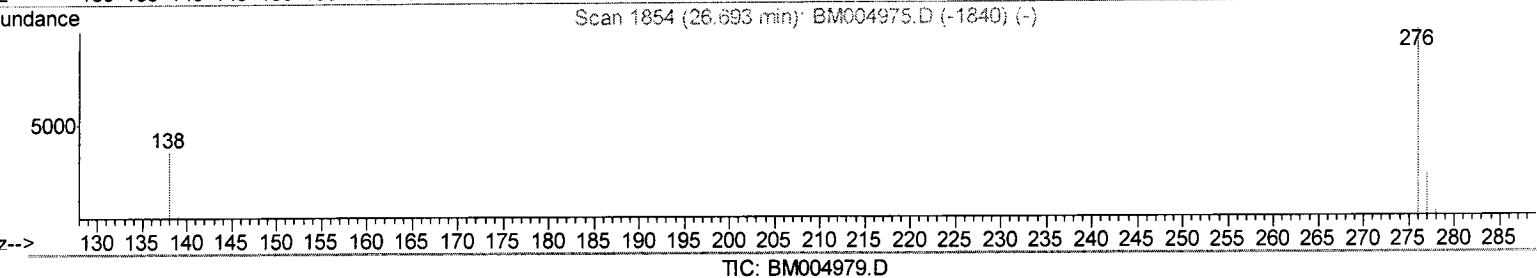
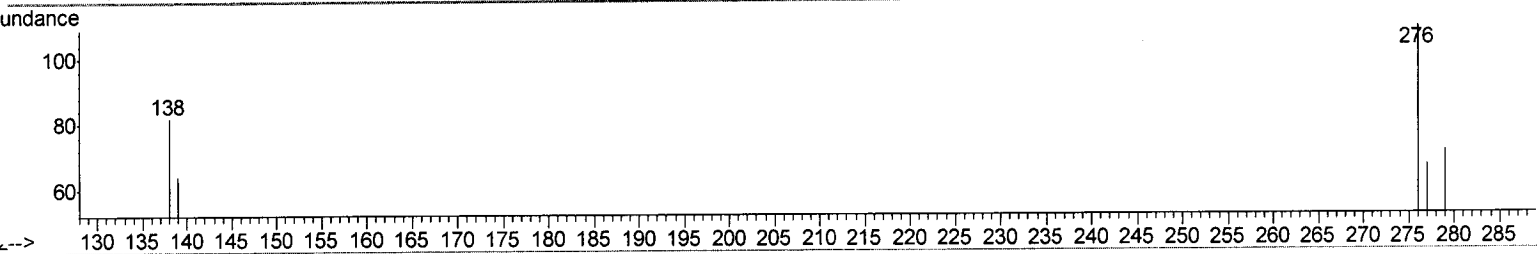
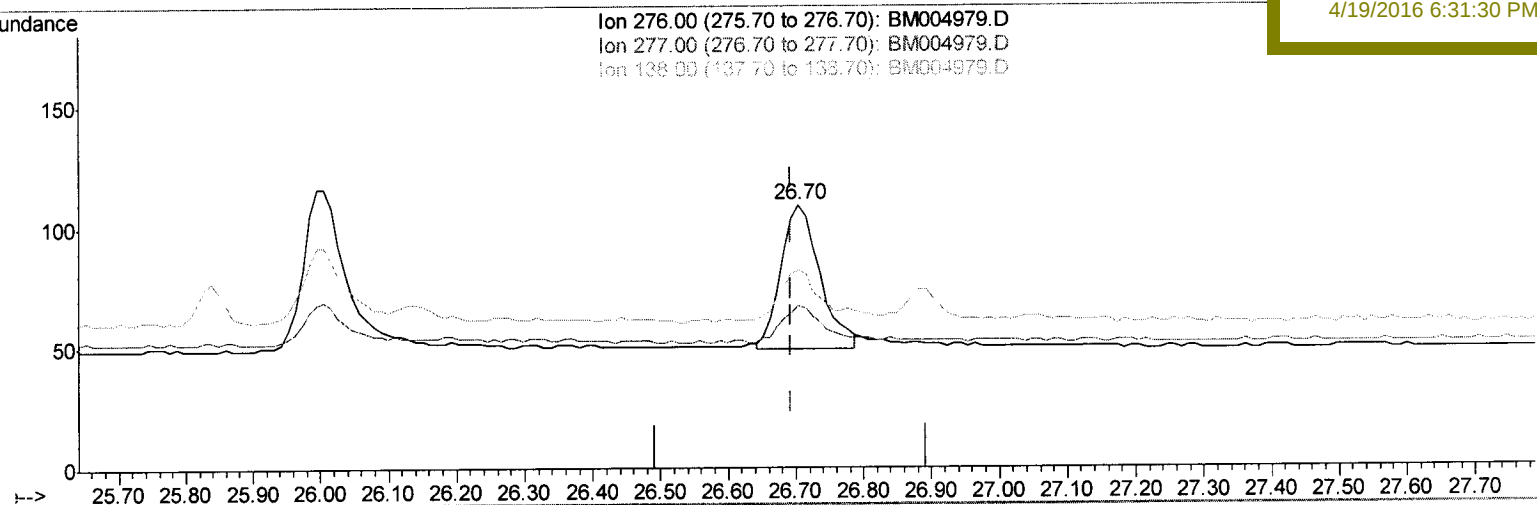
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 Data File : BM004979.D
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 Operator : UM/SJ
 Sample : H2275-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(28) Benzo(g,h,i)perylene

26.704min (+0.011) 0.03ng/ul m

> $\frac{U.M.}{04/25/16}$

response 240

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	61.47#
138.00	28.10	75.23#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041816\
 Data File : BM004979.D
 Acq On : 18 Apr 2016 18:55
 Operator : UM/SJ
 Sample : H2275-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 D9T84

Quant Time: Apr 25 14:46:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041816.M
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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	7.82	152	1148	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	4684	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	2428	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	4646m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	4082	0.40	ng/ul	0.00
22) Perylene-d12	23.67	264	2695m	0.40	ng/ul	0.00

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.31	96	861	1.56	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	990	0.18	ng/ul	0.01
16) Fluoranthene-d10	19.23	212	2241	0.24	ng/ul	0.00

Target Compounds

						Qvalue
14) Phenanthrene	17.23	178	738m	0.06	ng/ul	
15) Anthracene	17.31	178	592	0.05	ng/ul#	58
17) Fluoranthene	19.25	202	571	0.04	ng/ul	69
20) Benzo(a)anthracene	21.37	228	341	0.03	ng/ul#	64
21) Chrysene	21.42	228	331	0.03	ng/ul#	66
26) Indeno(1,2,3-cd)pyrene	25.99	276	314m	0.04	ng/ul	
28) Benzo(g,h,i)perylene	26.70	276	240m	0.03	ng/ul	

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