

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

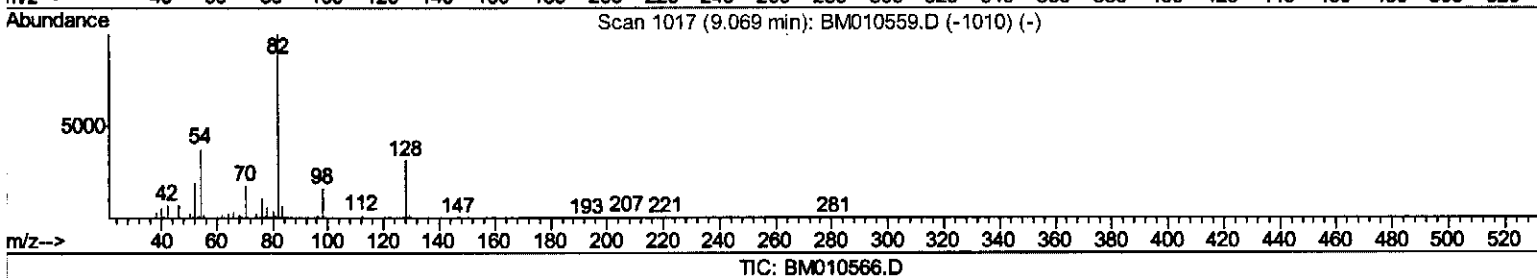
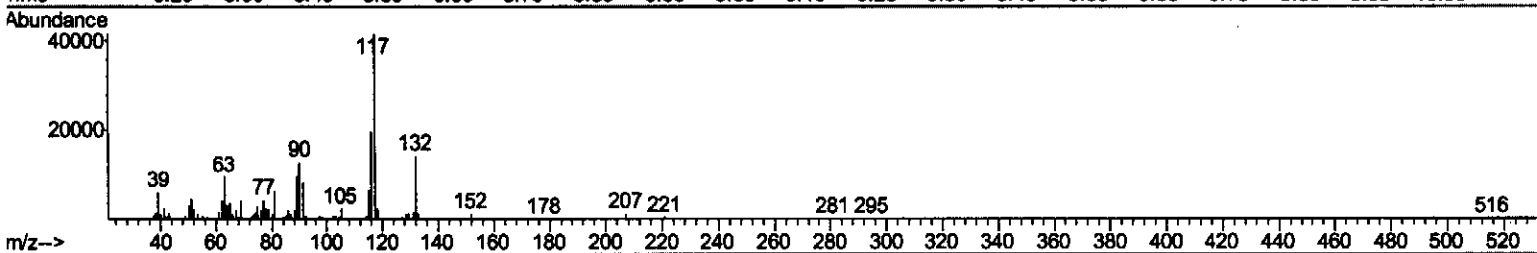
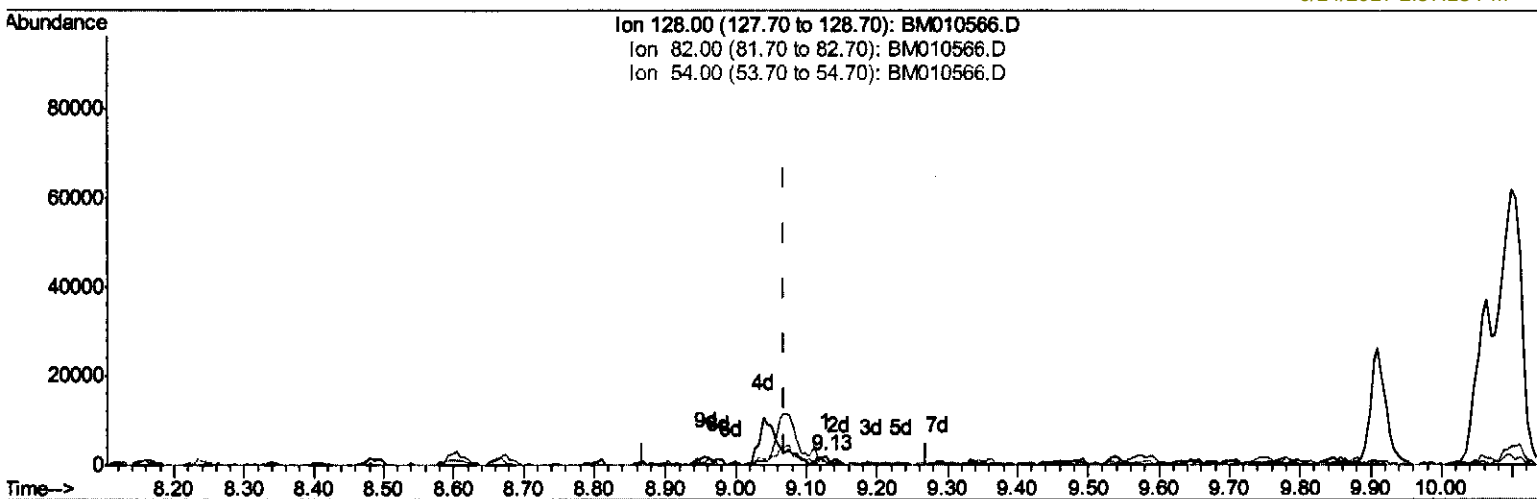
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
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mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 03:52:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

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(19) Nitrobenzene-d5 (S)

9.128min (+0.059) 0.35ng/ul

response 2192

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	23.99#
54.00	142.70	33.27#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

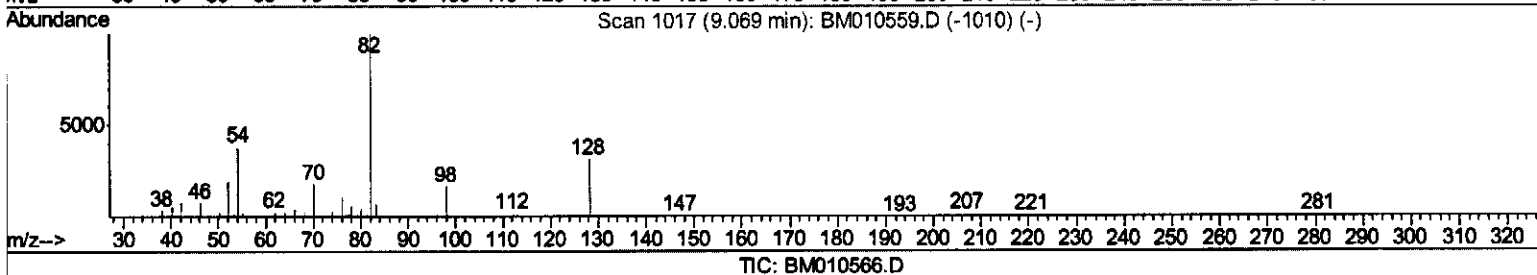
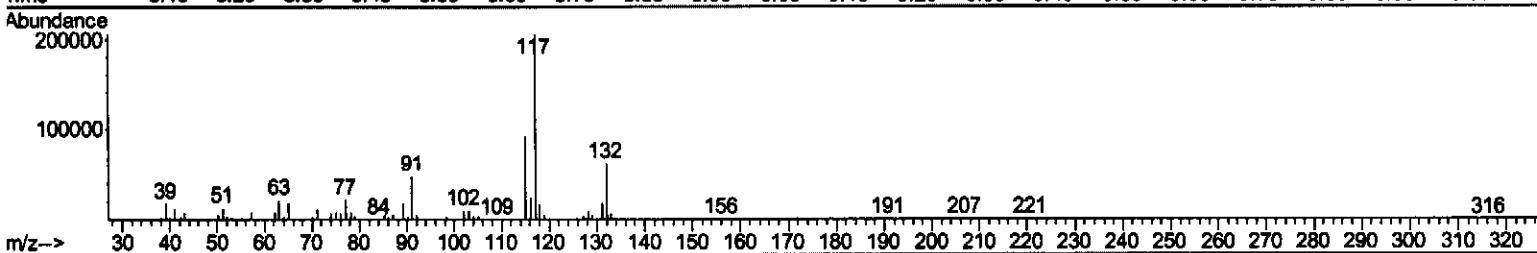
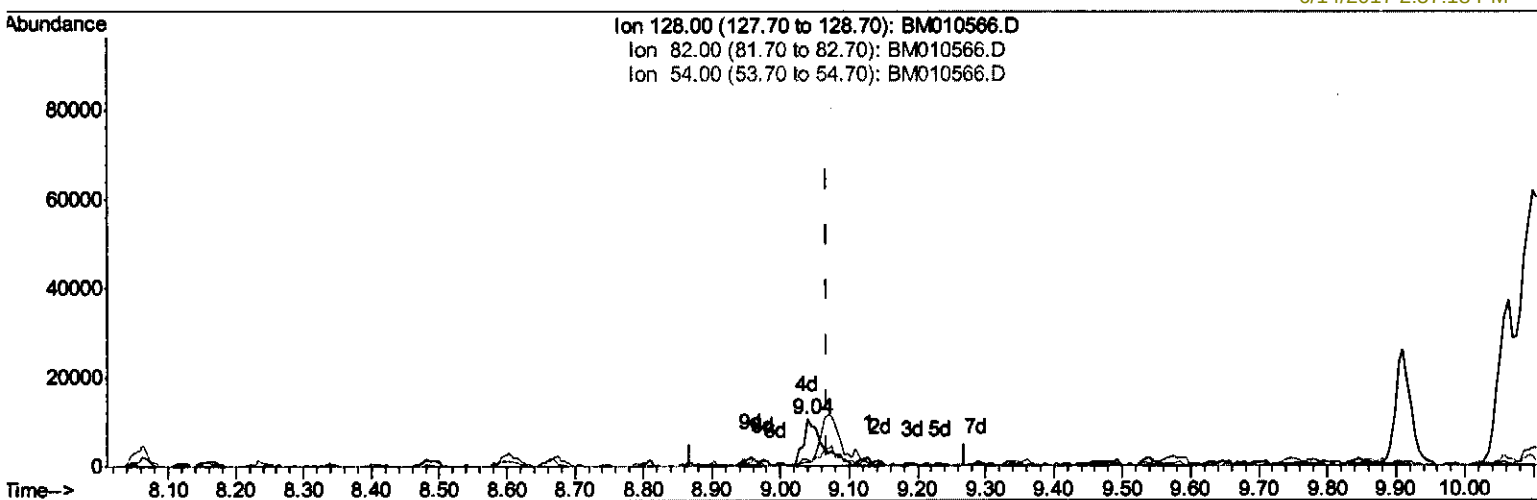
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
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Quant Time: Jun 14 03:52:51 2017
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Quant Title : SVOA CALIBRATION
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(19) Nitrobenzene-d5 (S)

9.039min (-0.030) 3.37ng/ul m

response 21257

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	5.95#
54.00	142.70	12.94#
0.00	0.00	0.00

JS
6/20/17

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

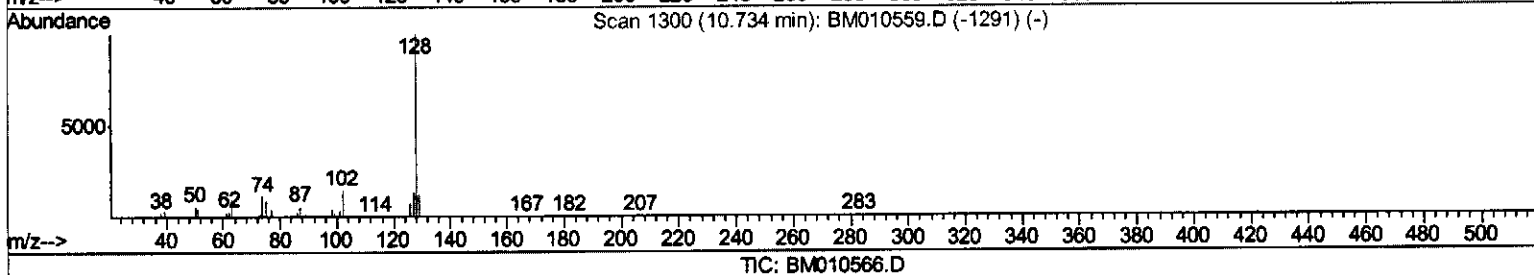
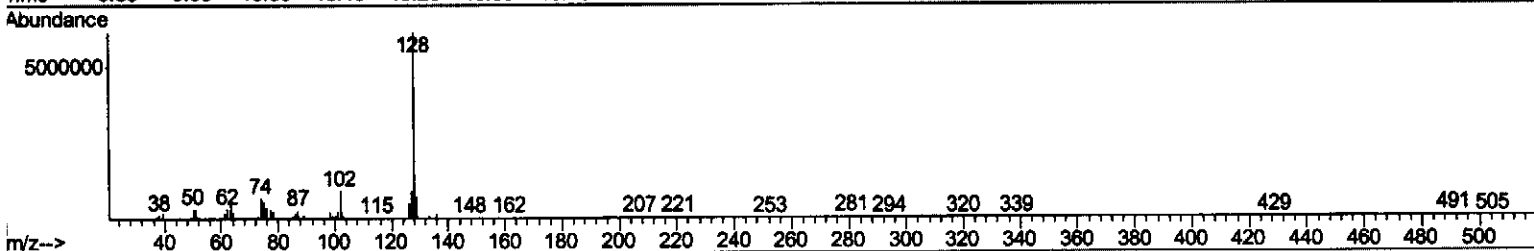
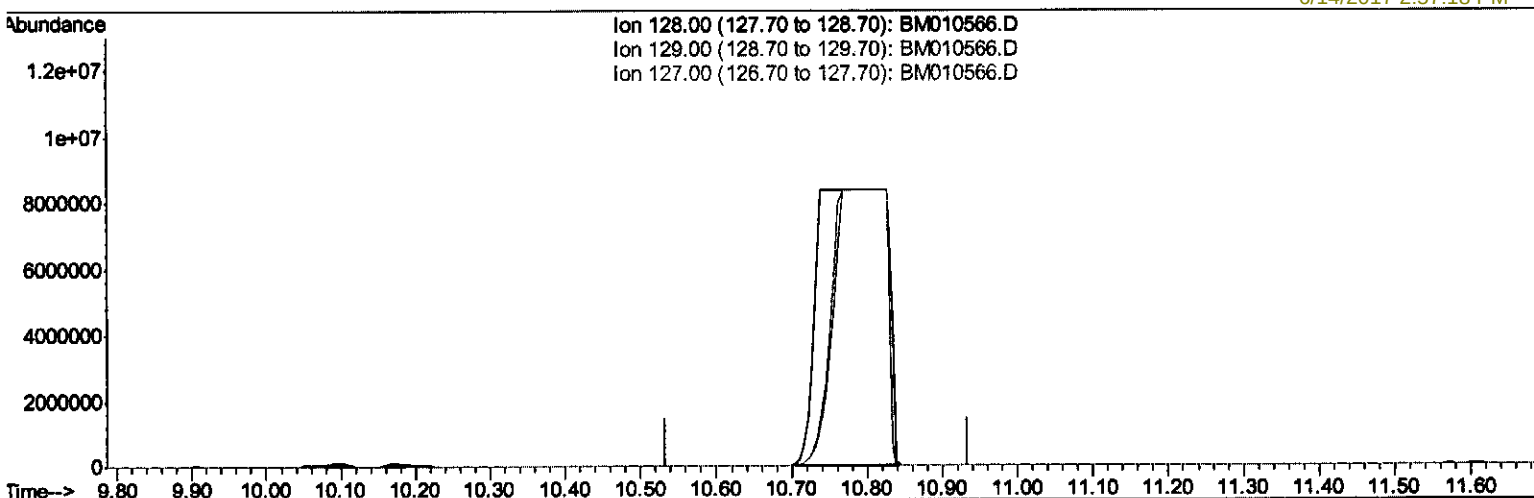
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 03:52:51 2017
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(28) Naphthalene

10.734min (-10.734) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	11.00	0.00#
127.00	13.30	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

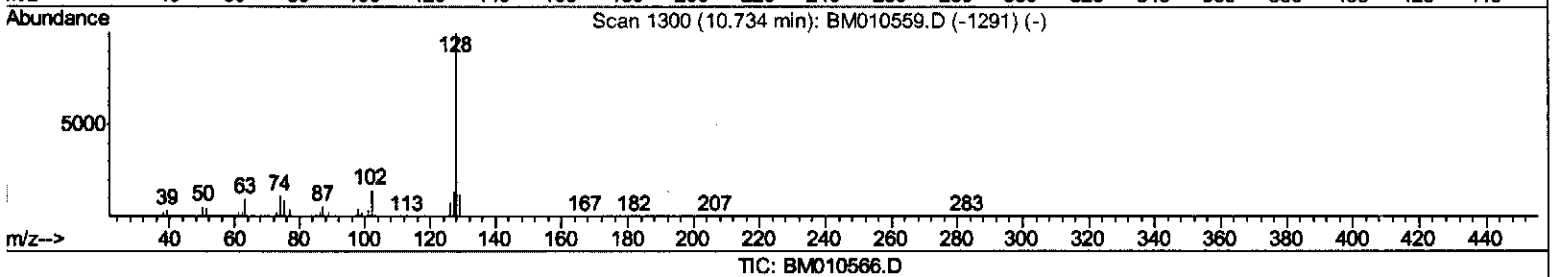
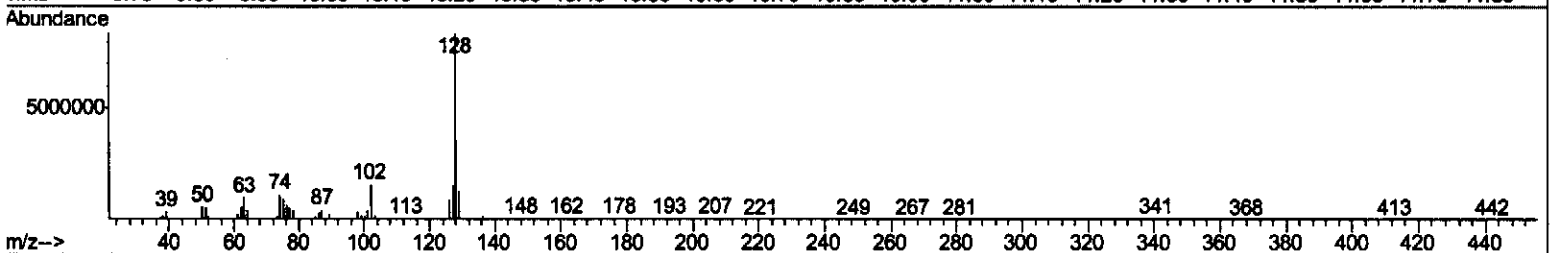
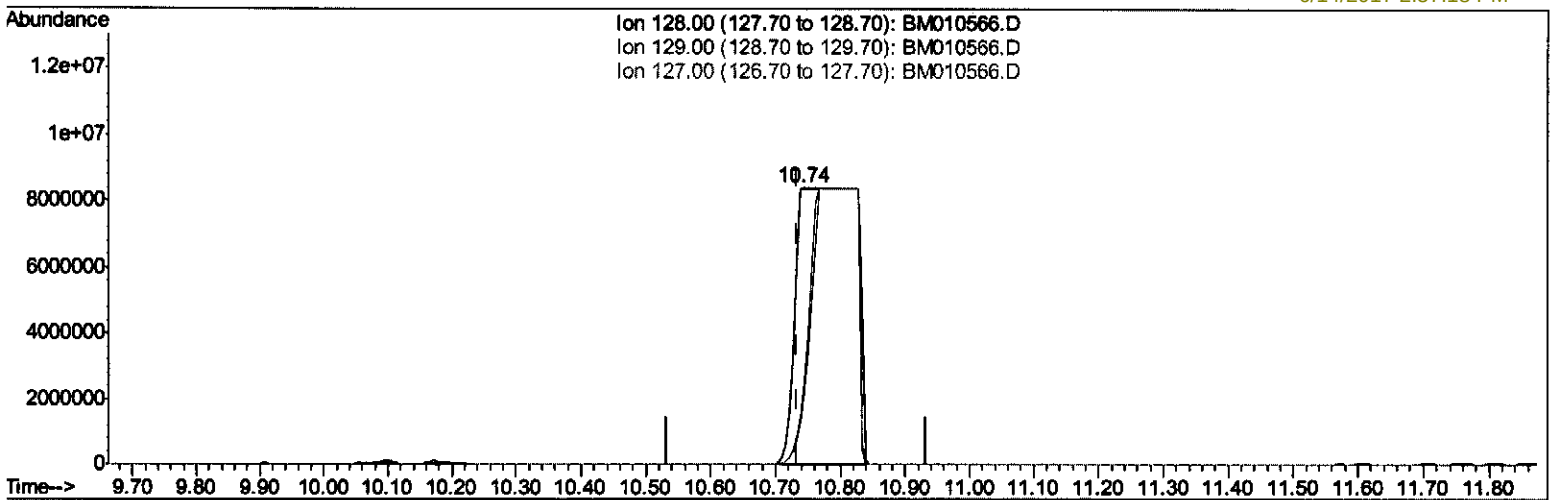
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
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Quant Time: Jun 14 03:52:51 2017
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(28) Naphthalene

10.739min (+0.006) 1230.29ng/ul m

response 53194260

Ion	Exp%	Act%
128.00	100	100
129.00	11.00	15.30#
127.00	13.30	17.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

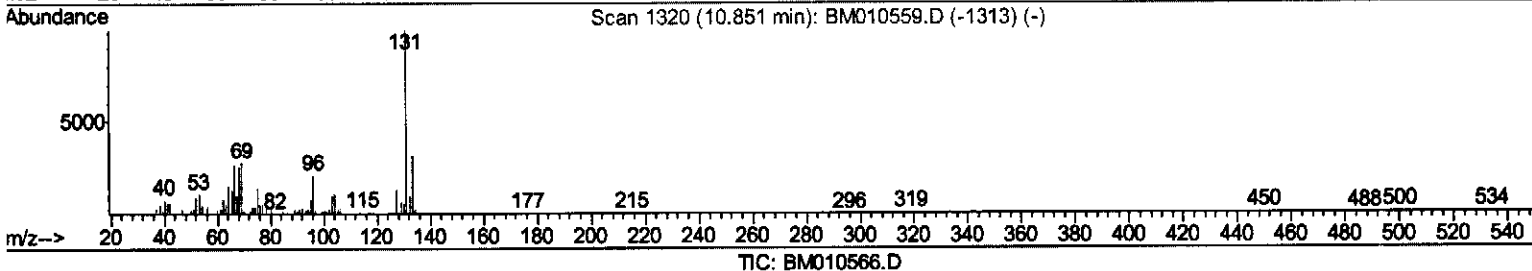
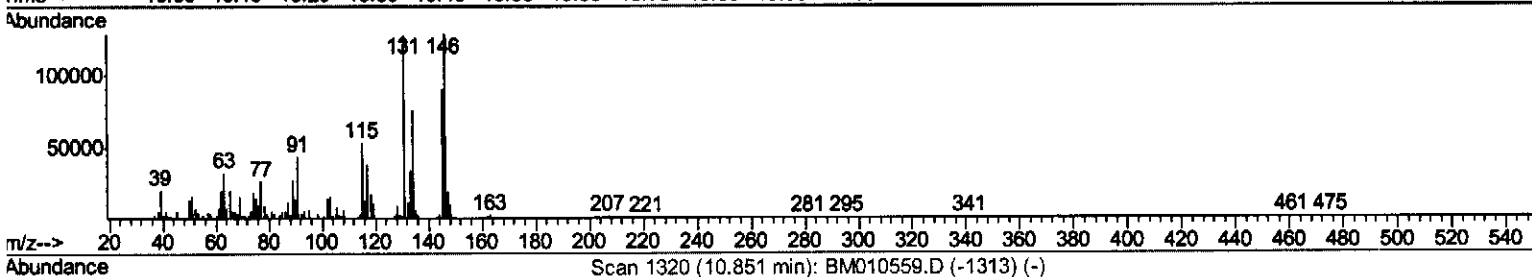
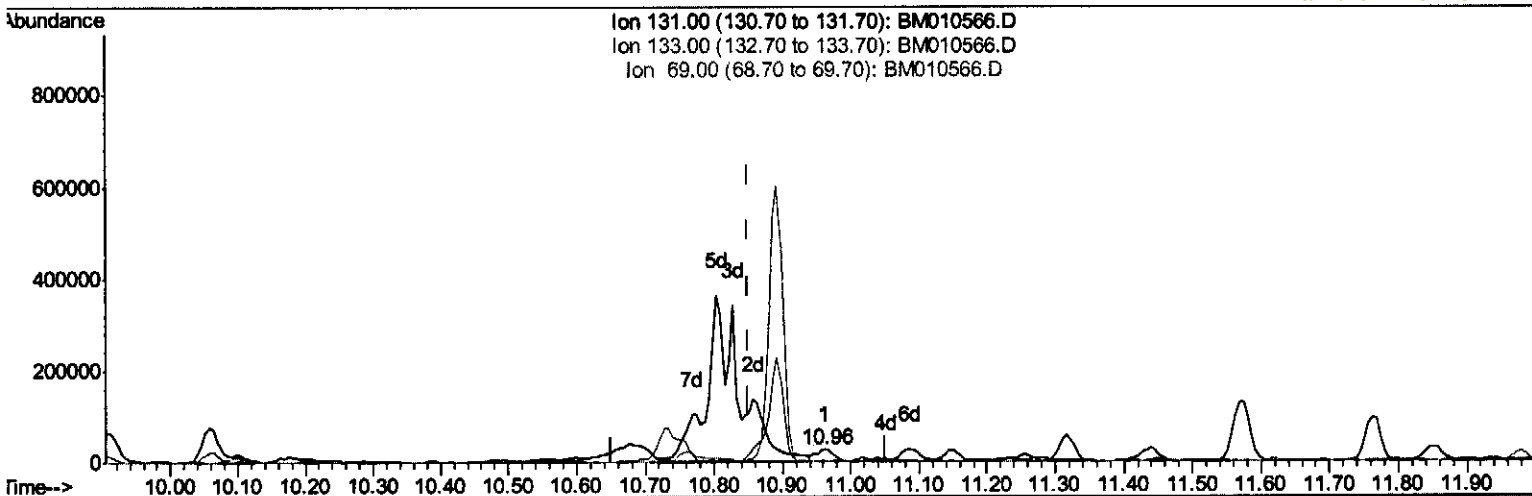
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
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Quant Time: Jun 14 03:52:51 2017
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(29) 4-Chloroaniline-d4 (S)

10.963min (+0.112) 3.34ng/ul

response 48383

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	2.80#
69.00	24.30	5.76#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

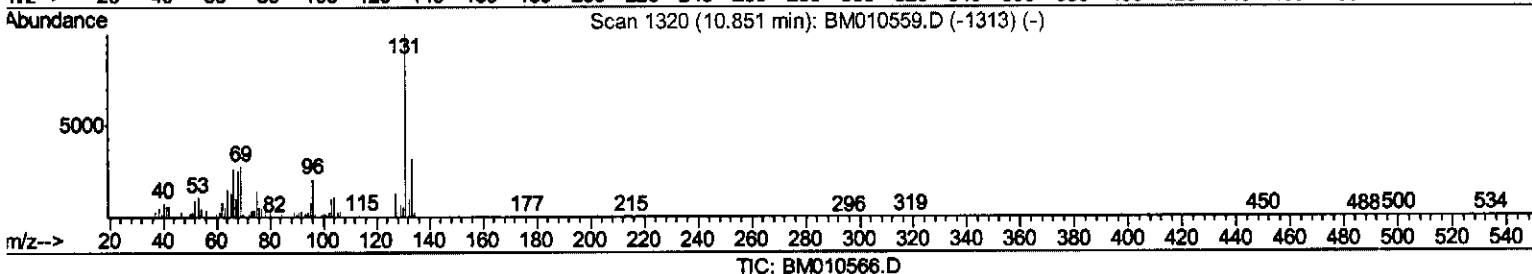
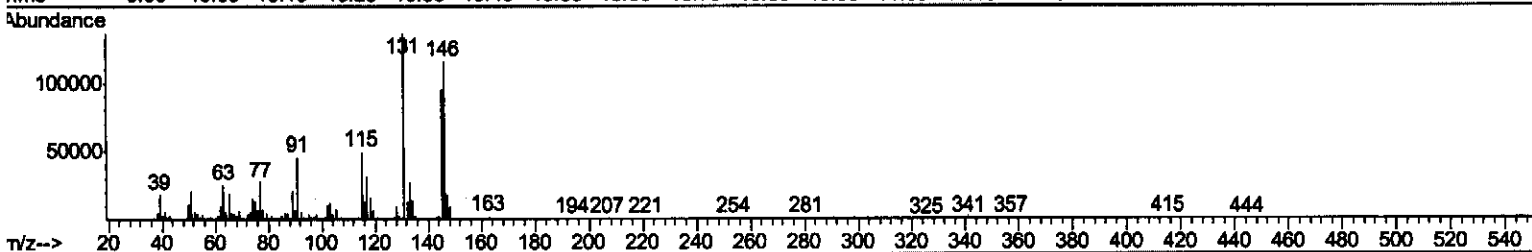
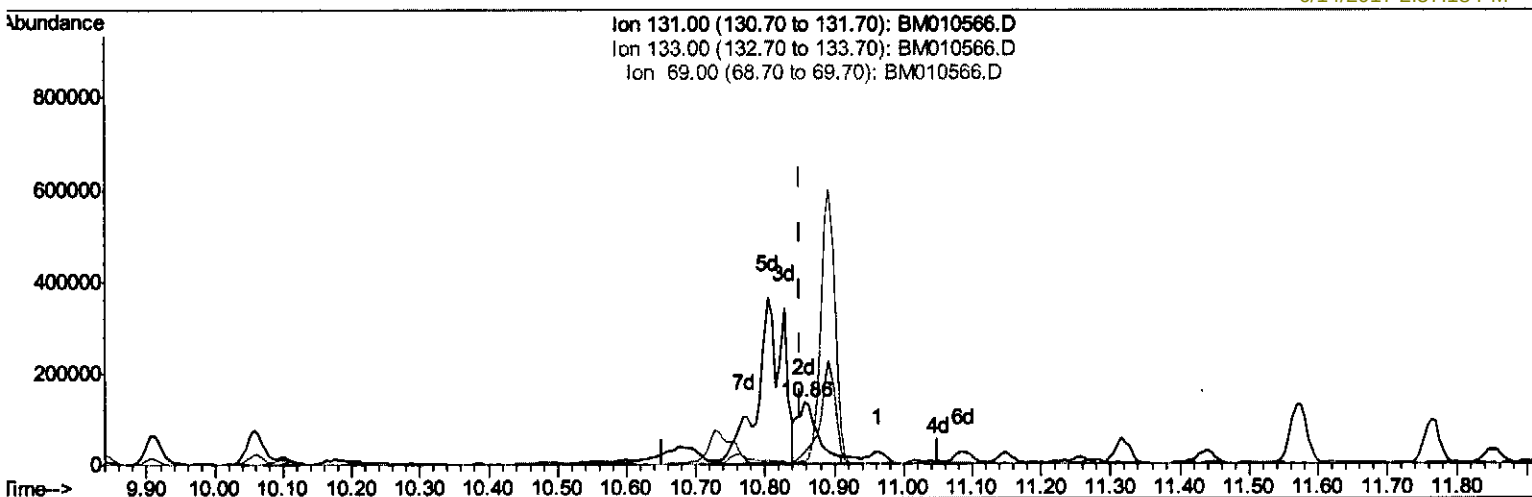
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

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Quant Time: Jun 14 03:52:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
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(29) 4-Chloroaniline-d4 (S)

10.857min (+0.006) 19.33ng/ul m

response 280235

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	20.12#
69.00	24.30	5.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

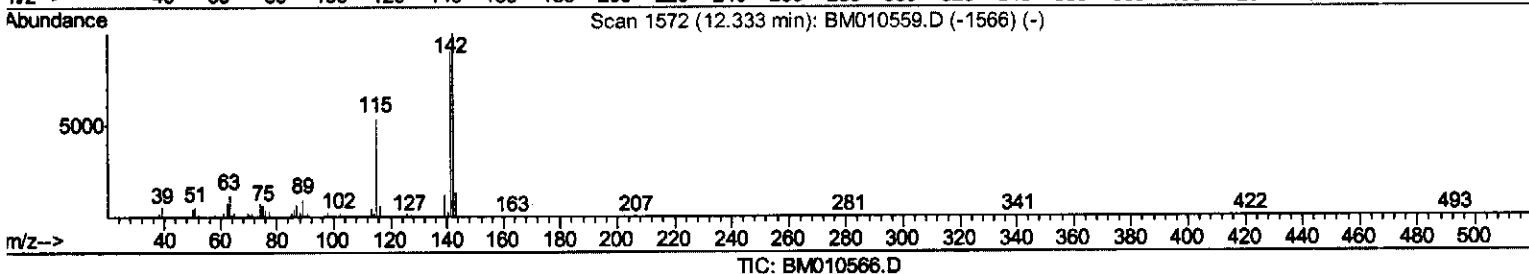
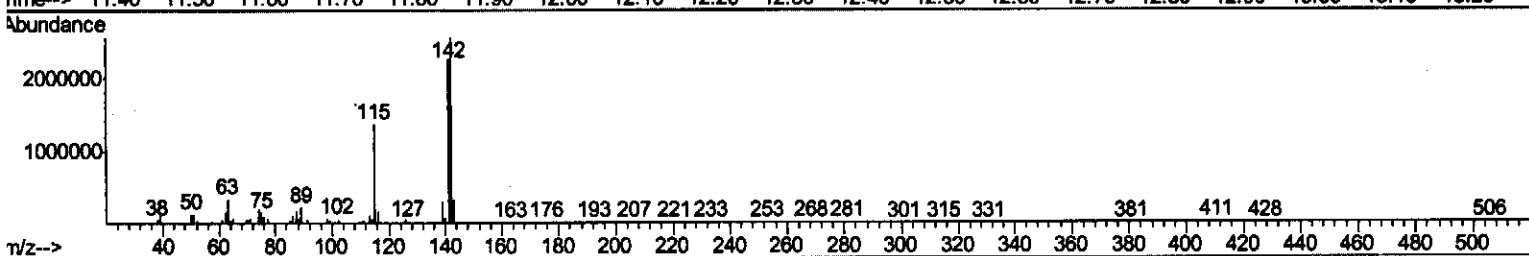
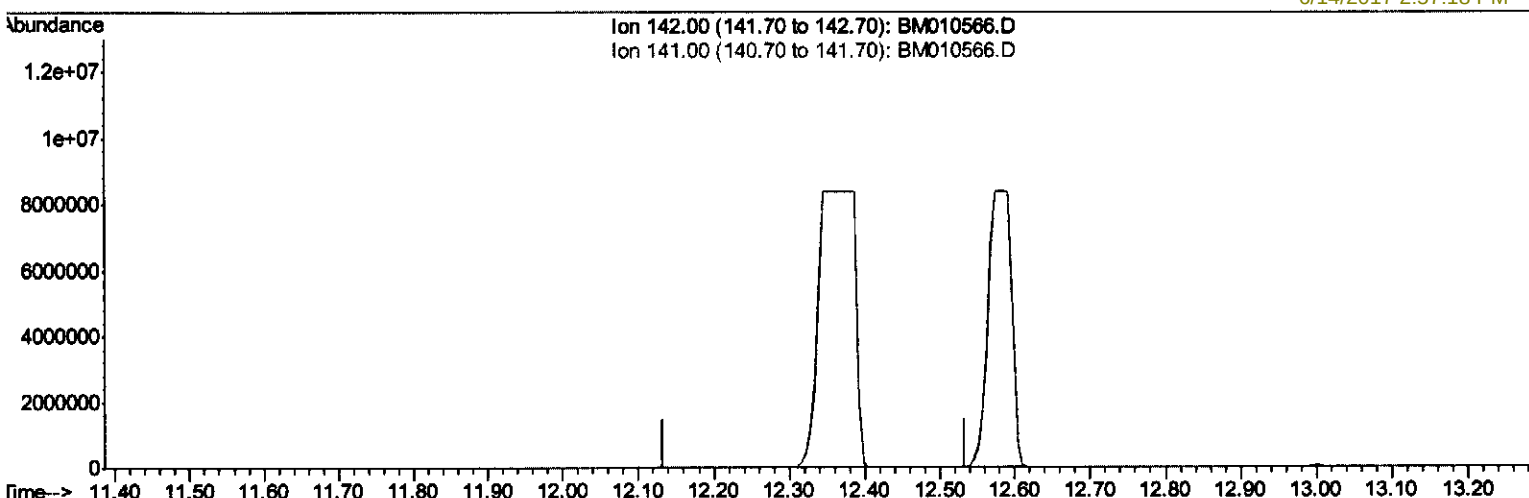
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
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Quant Time: Jun 14 03:52:51 2017
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(34) 2-Methylnaphthalene

12.333min (-12.333) 0.00ng/ul

response 0

Ion	Exp%	Act%
142.00	100	0.00
141.00	92.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

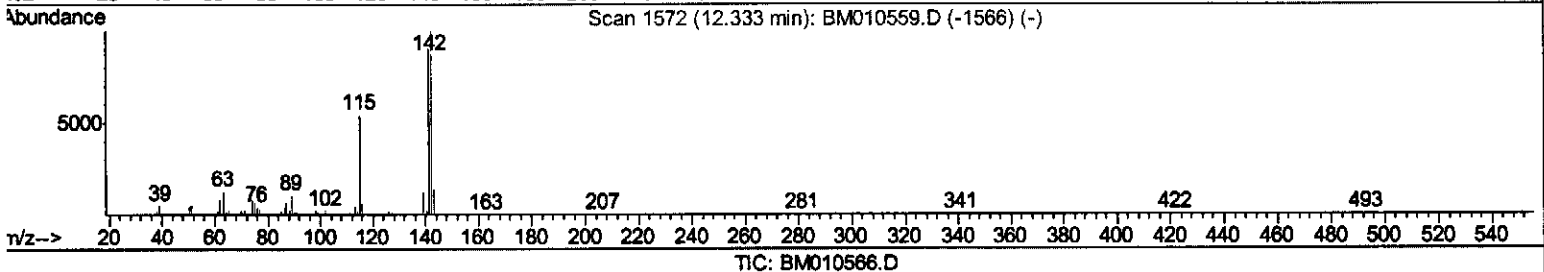
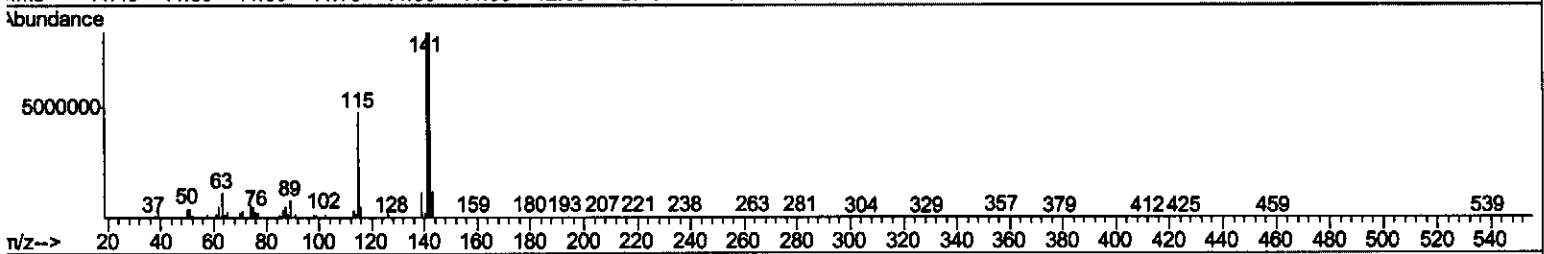
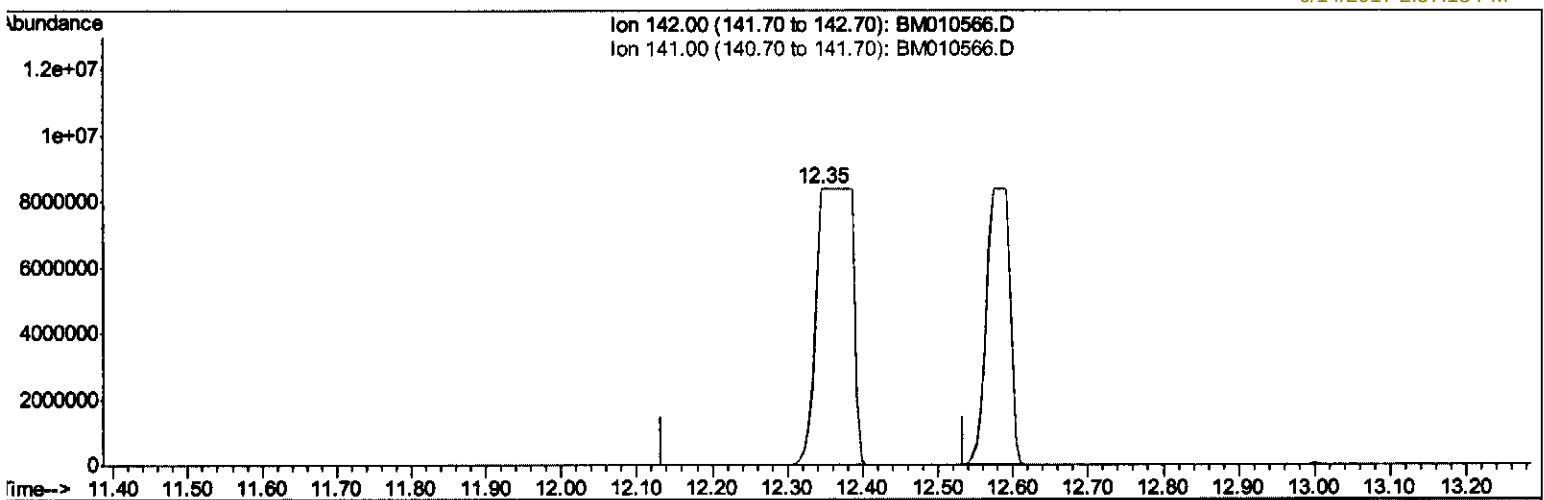
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 03:52:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
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(34) 2-Methylnaphthalene

12.345min (+0.012) 848.75ng/ul m

85 86/20/17

response 27823783

Ion	Exp%	Act%
142.00	100	100
141.00	92.60	100.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

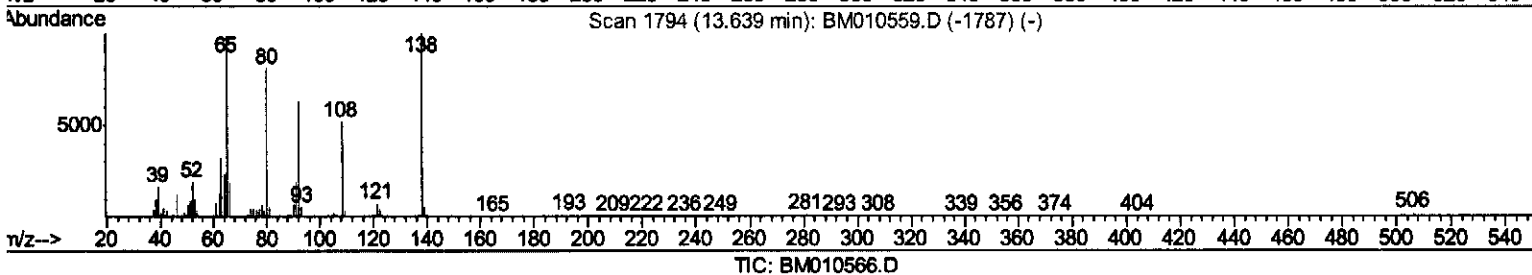
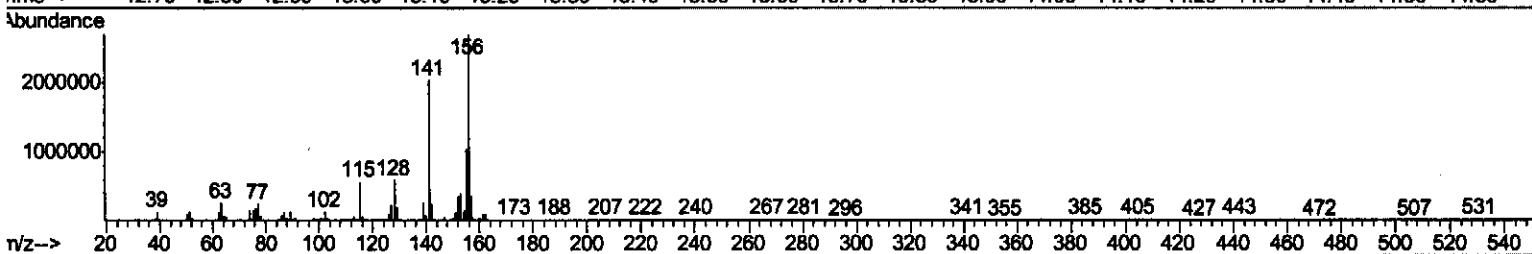
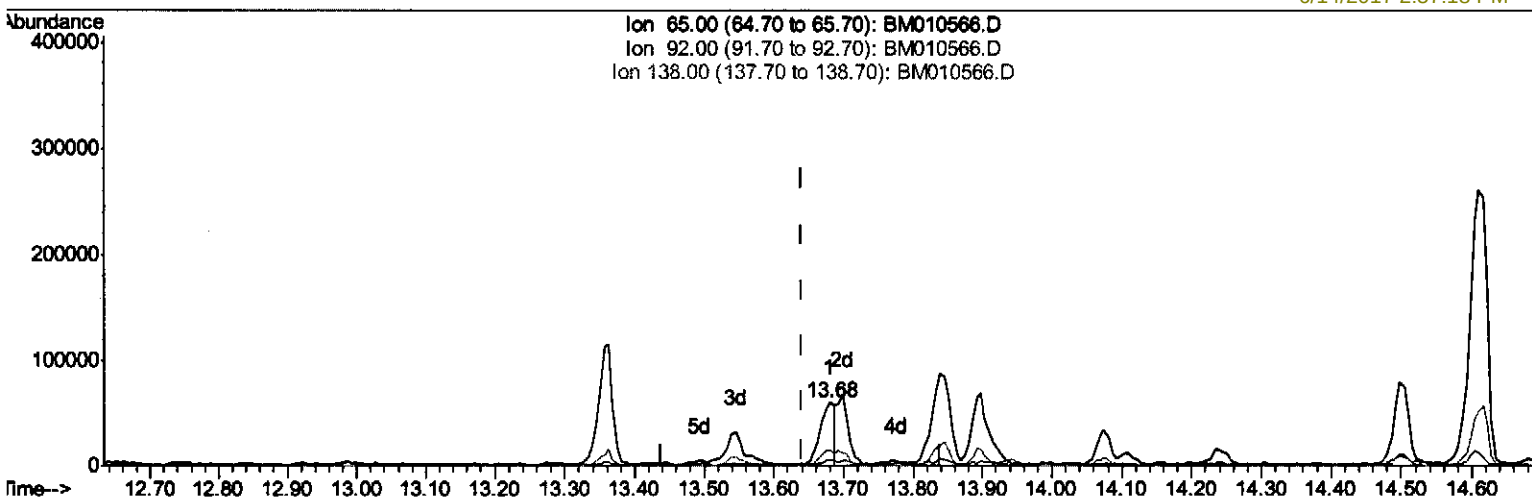
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 03:52:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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(42) 2-Nitroaniline

13.680min (+0.041) 11.57ng/ul

response 88327

Ion	Exp%	Act%
65.00	100	100
92.00	64.70	9.95#
138.00	92.80	24.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

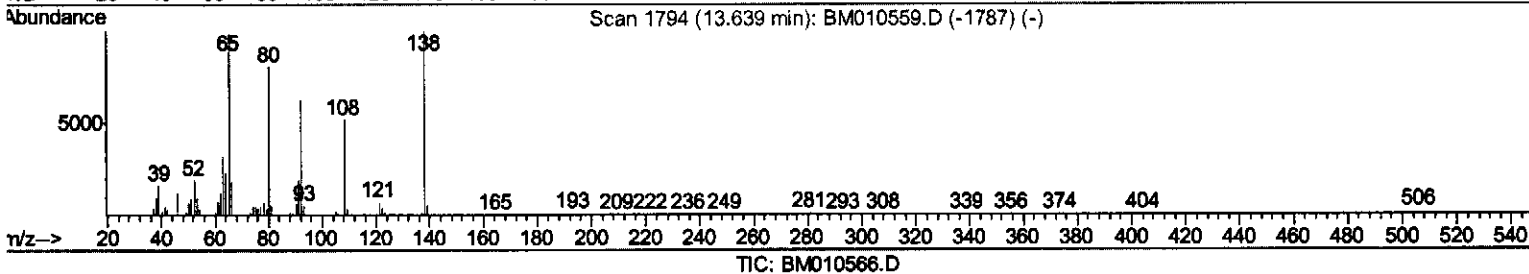
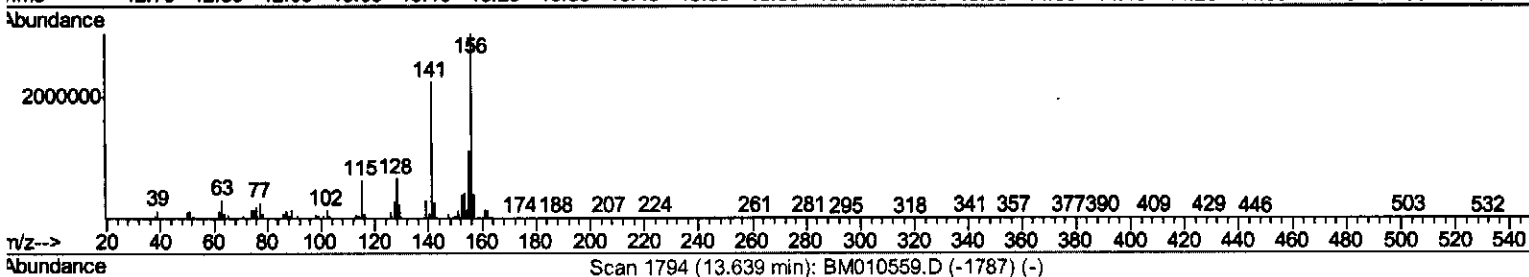
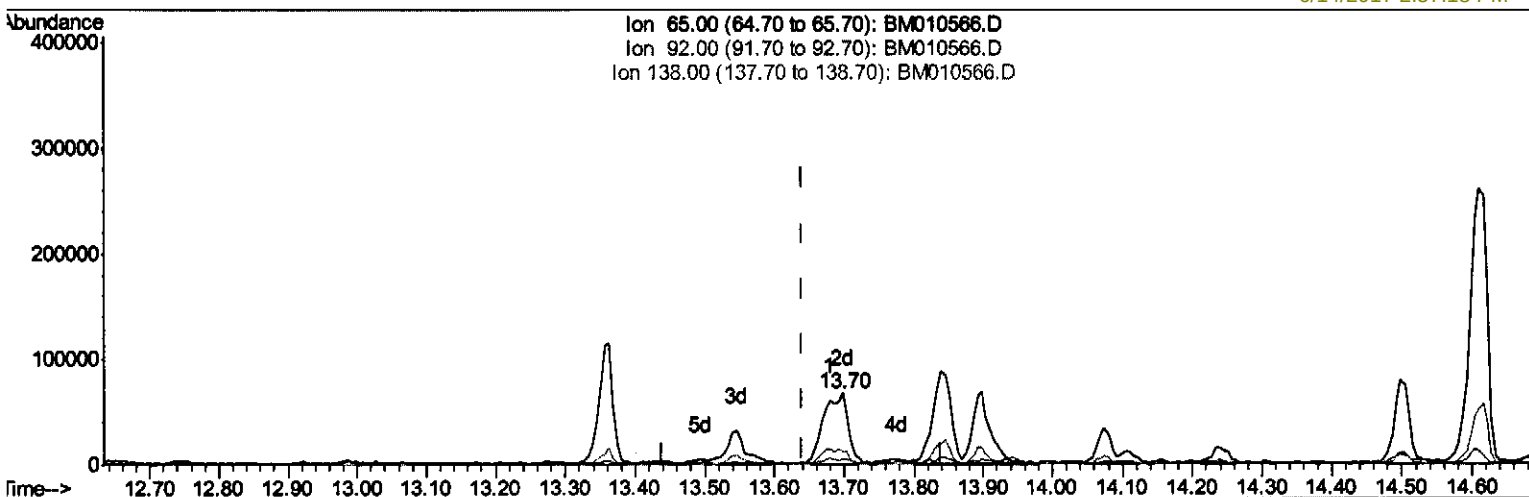
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

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(42) 2-Nitroaniline

13.698min (+0.059) 21.78ng/ul m

SJ
06/20/17

response 166276

Ion	Exp%	Act%
65.00	100	100
92.00	64.70	7.80#
138.00	92.80	18.53#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

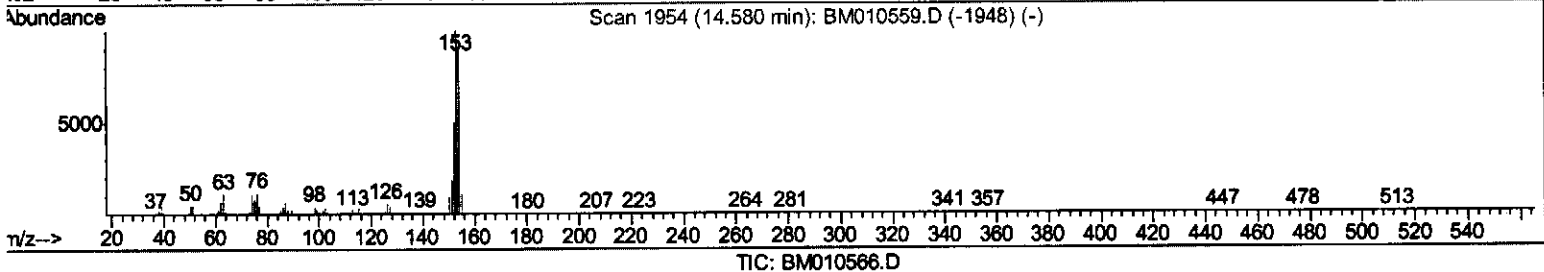
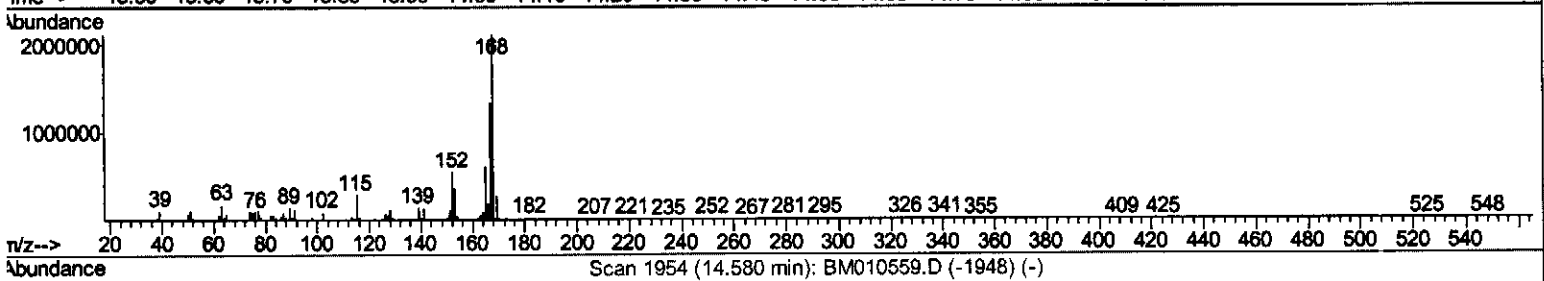
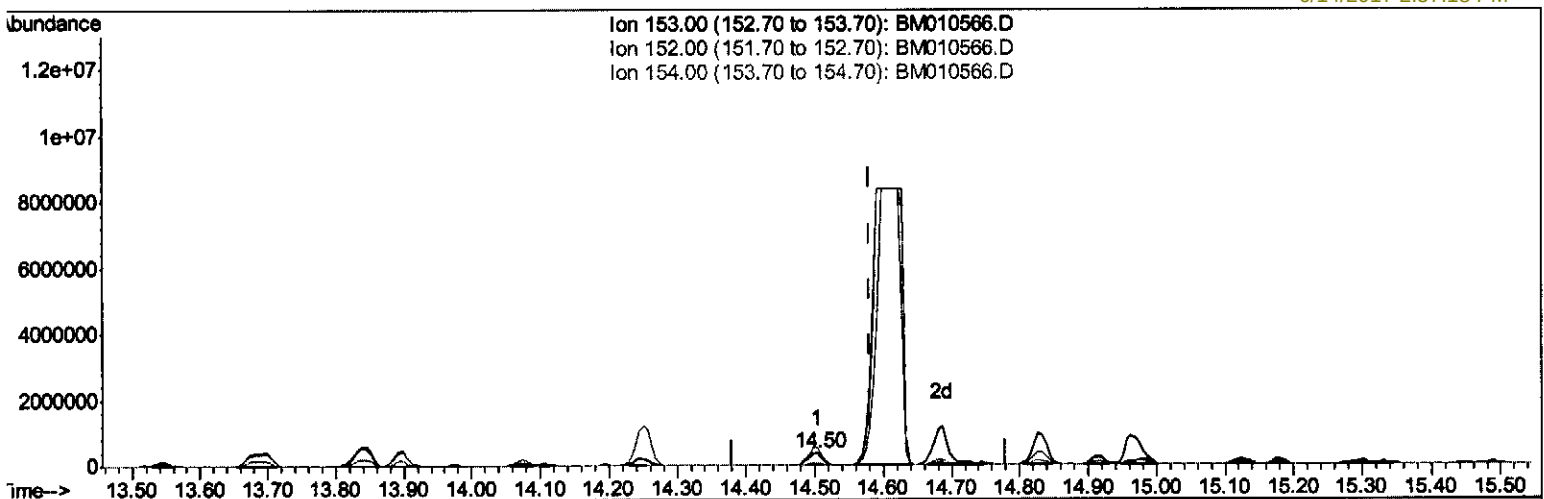
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
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(49) Acenaphthene (C)

14.504min (-0.077) 16.19ng/ul

response 506058

Ion	Exp%	Act%
153.00	100	100
152.00	47.00	149.08#
154.00	88.00	10.33#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

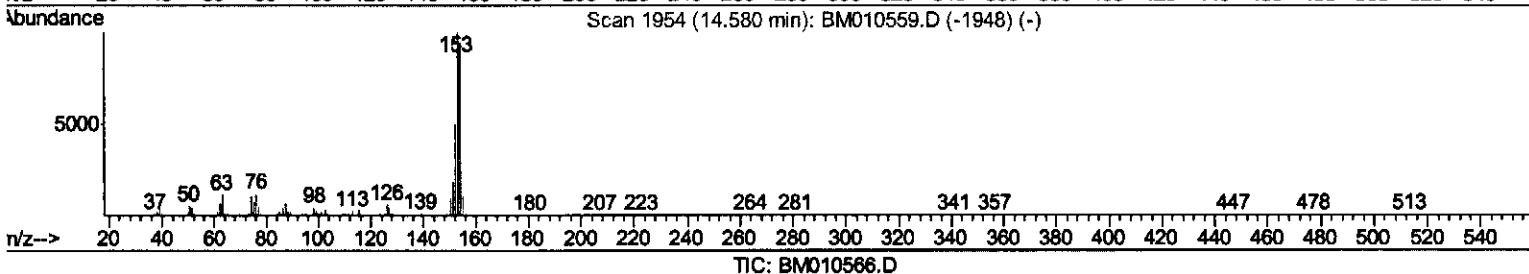
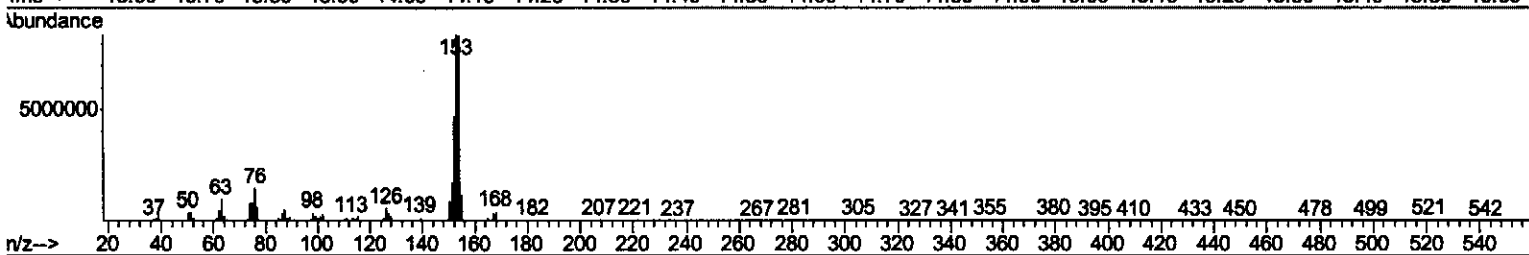
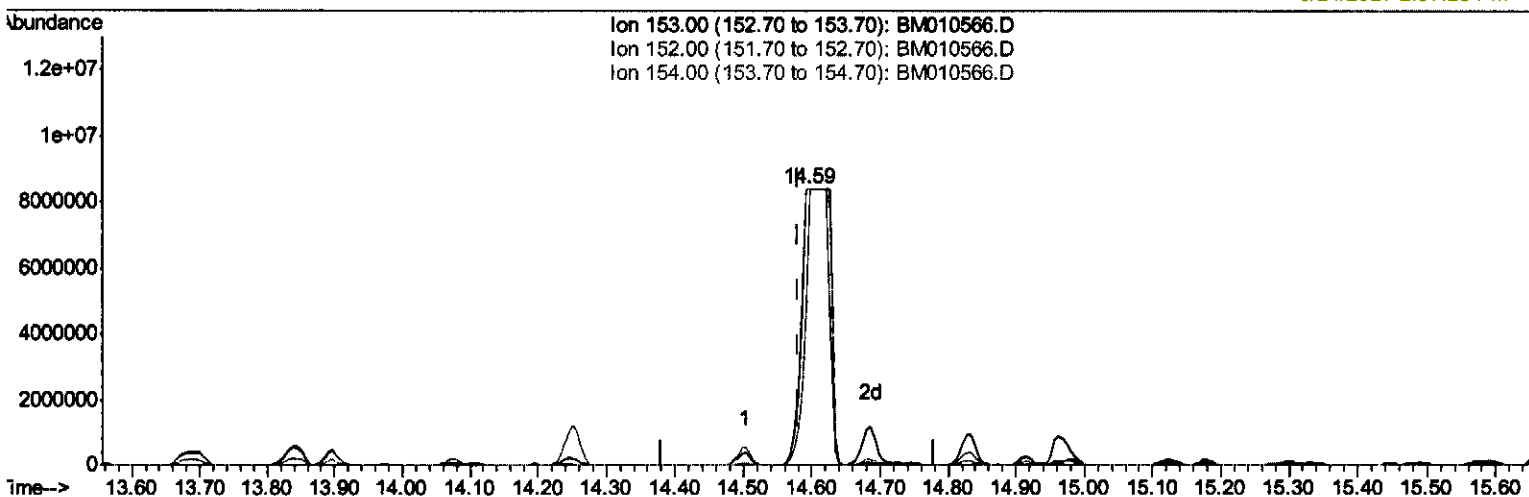
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

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(49) Acenaphthene (C)

14.592min (+0.012) 774.52ng/wl m

response 24203449

Ion	Exp%	Act%
153.00	100	100
152.00	47.00	56.44#
154.00	88.00	100.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

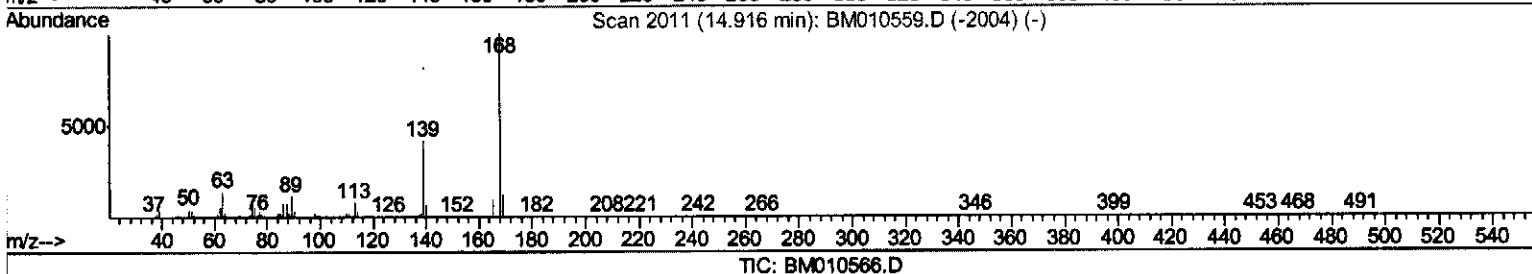
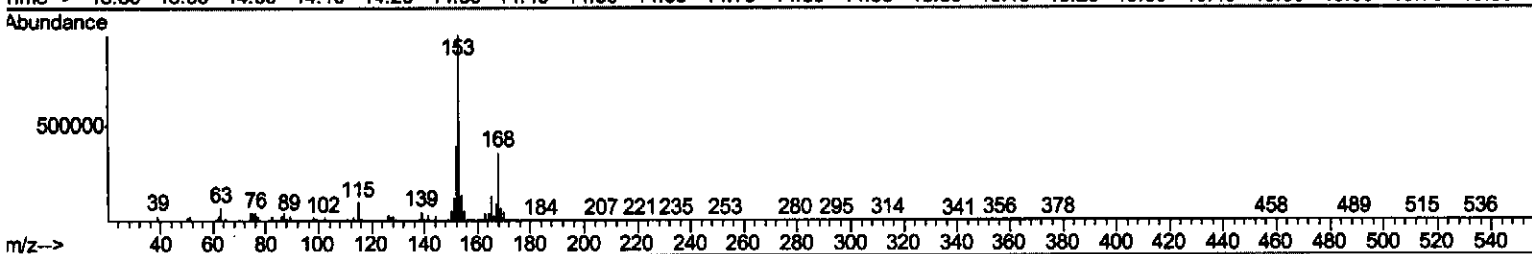
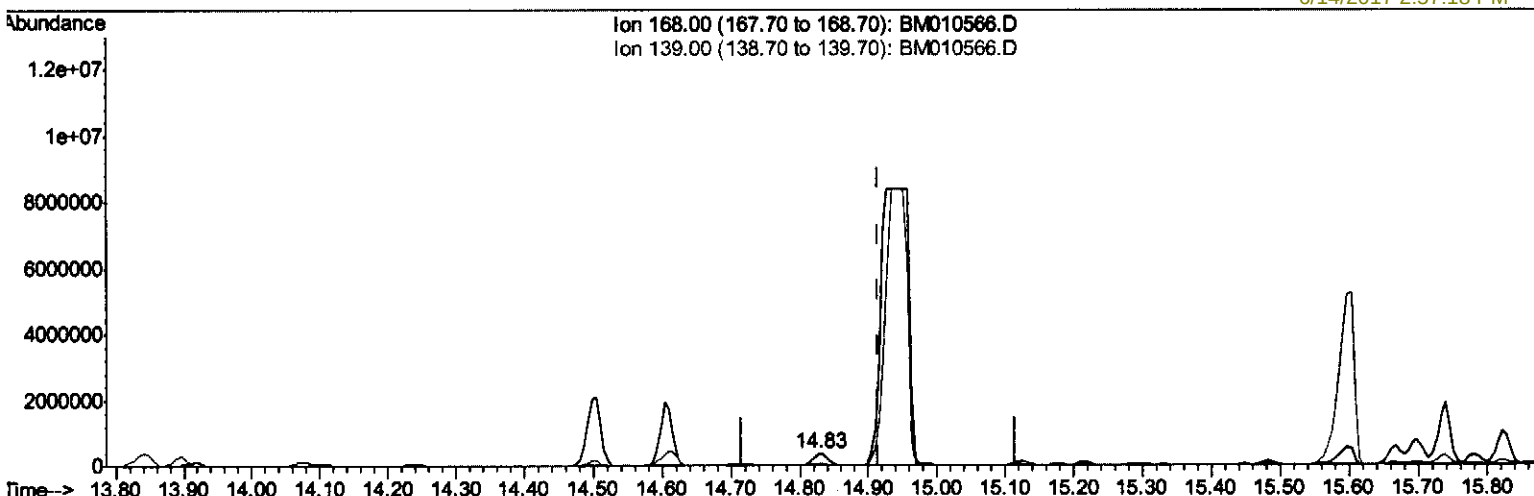
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

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(53) Dibenzo(f,h)quinoxaline

14.827min (-0.088) 11.68ng/ul

response 539894

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	13.37#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

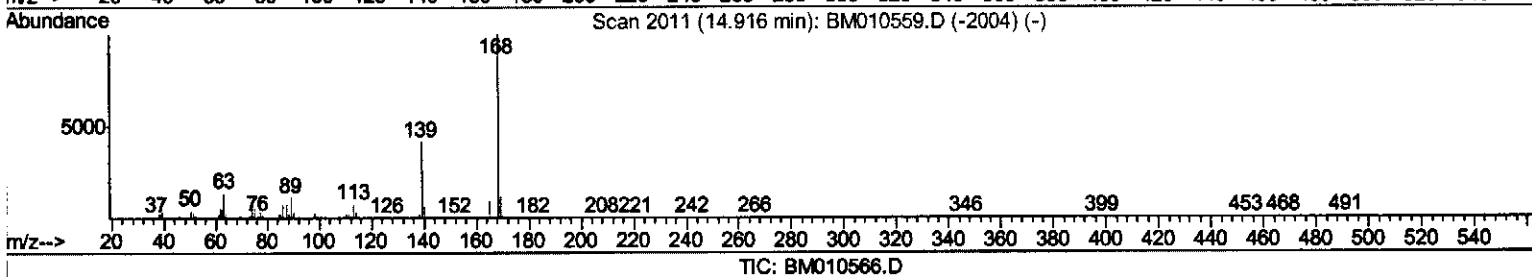
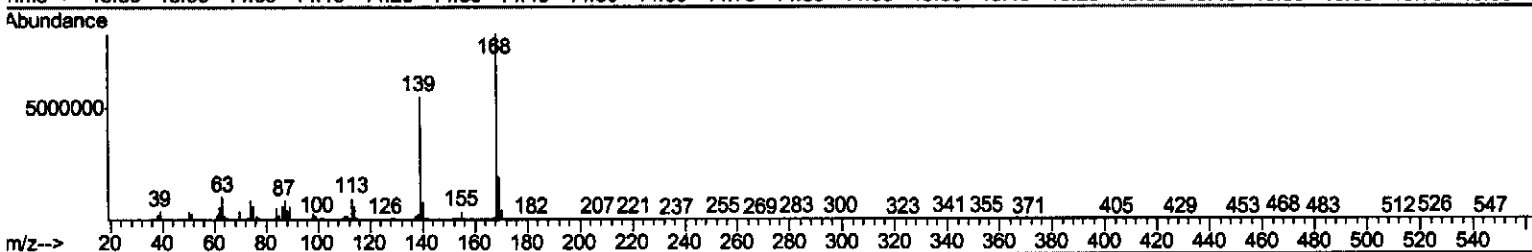
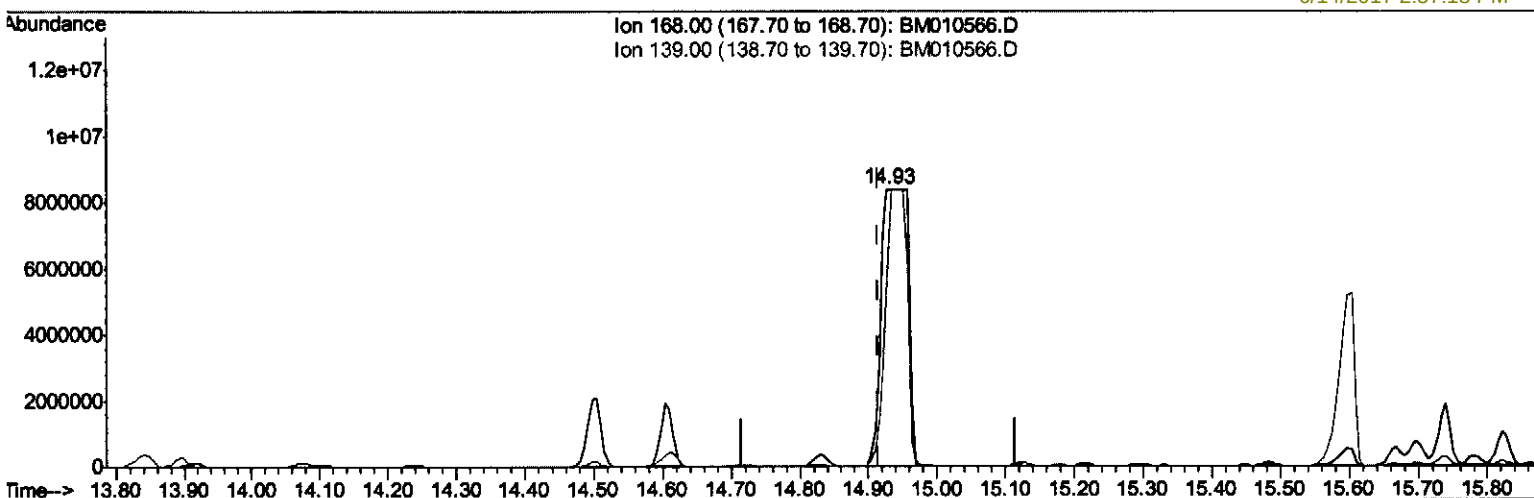
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
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(53) Dibenzofuran

14.927min (+0.012) 491.78ng/ul m

response 22724444

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	66.00#
0.00	0.00	0.00
0.00	0.00	0.00

SJ
06/20/17

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

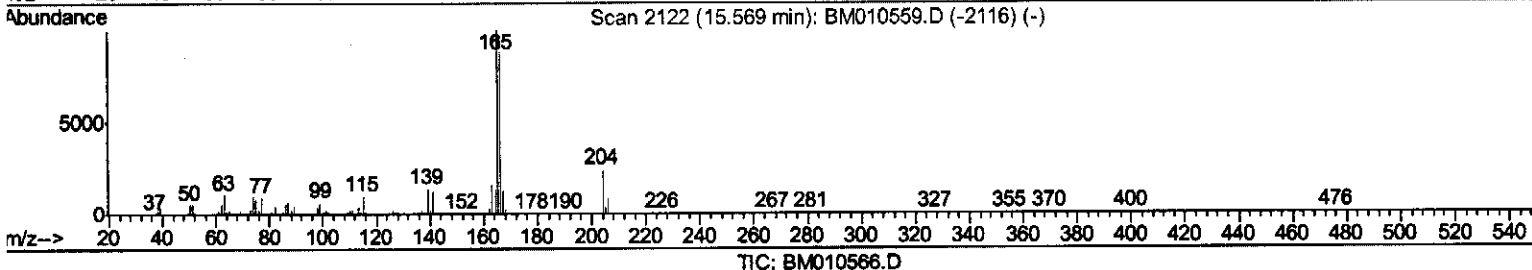
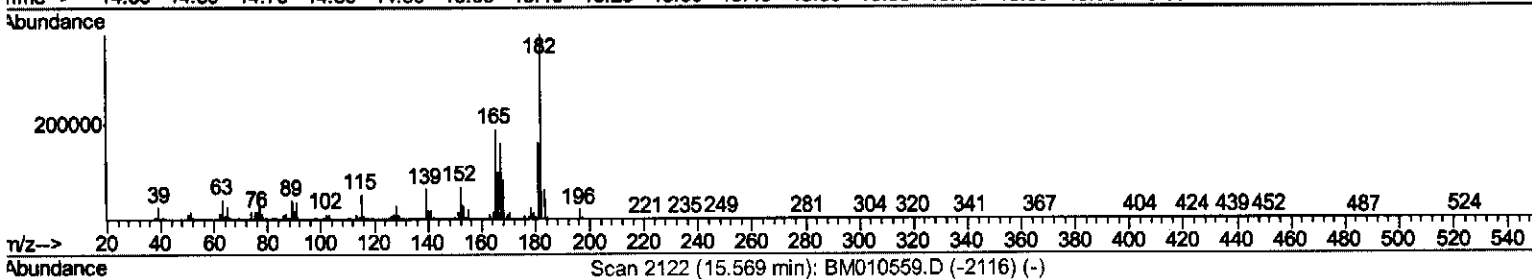
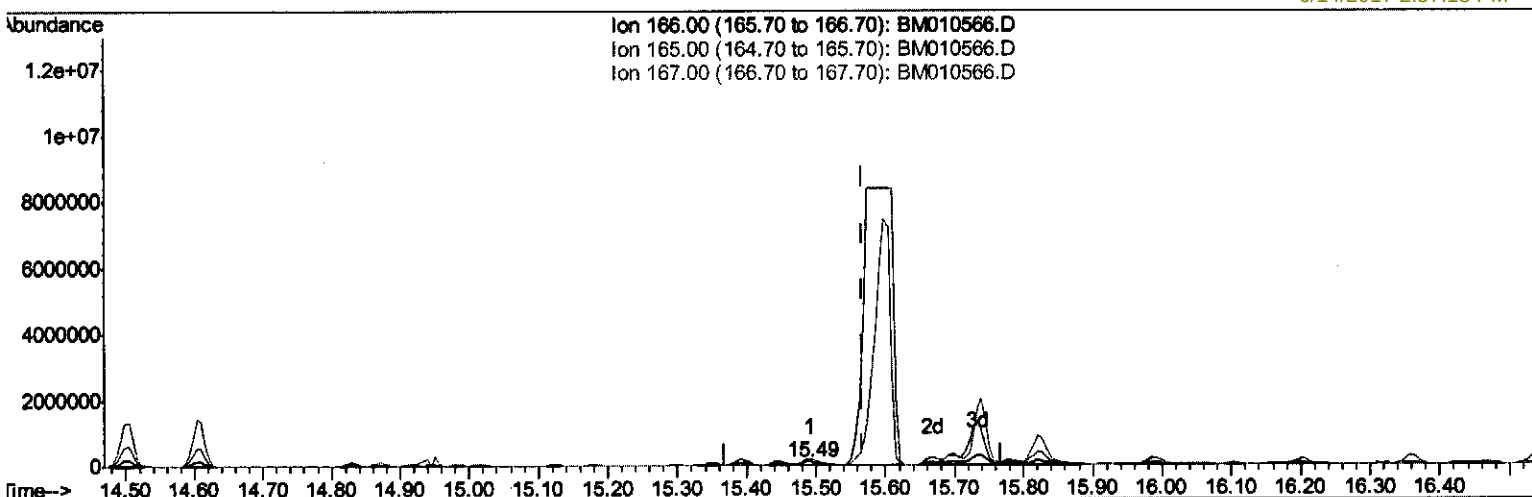
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 03:52:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

6/14/2017 2:57:18 PM



(58) Fluorene

15.492min (-0.077) 5.02ng/ui

response 190375

Ion	Exp%	Act%
166.00	100	100
165.00	97.40	189.71#
167.00	13.30	160.28#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

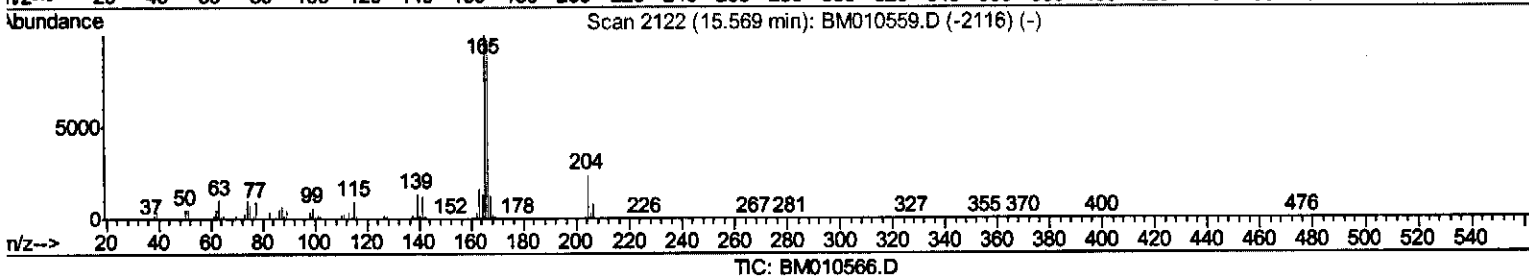
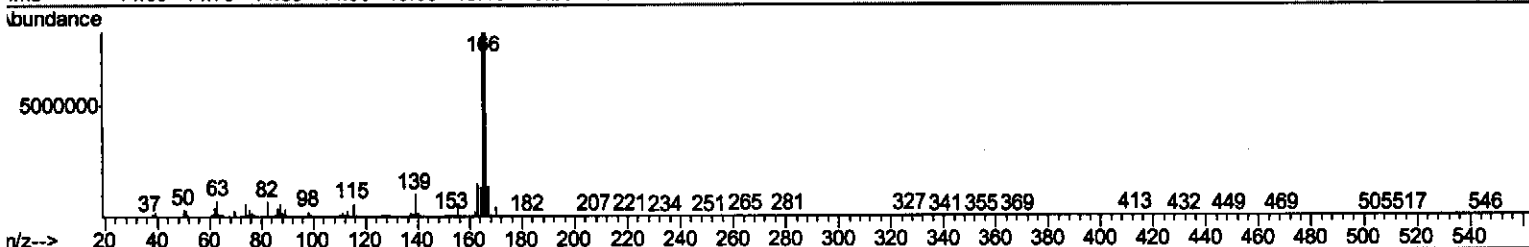
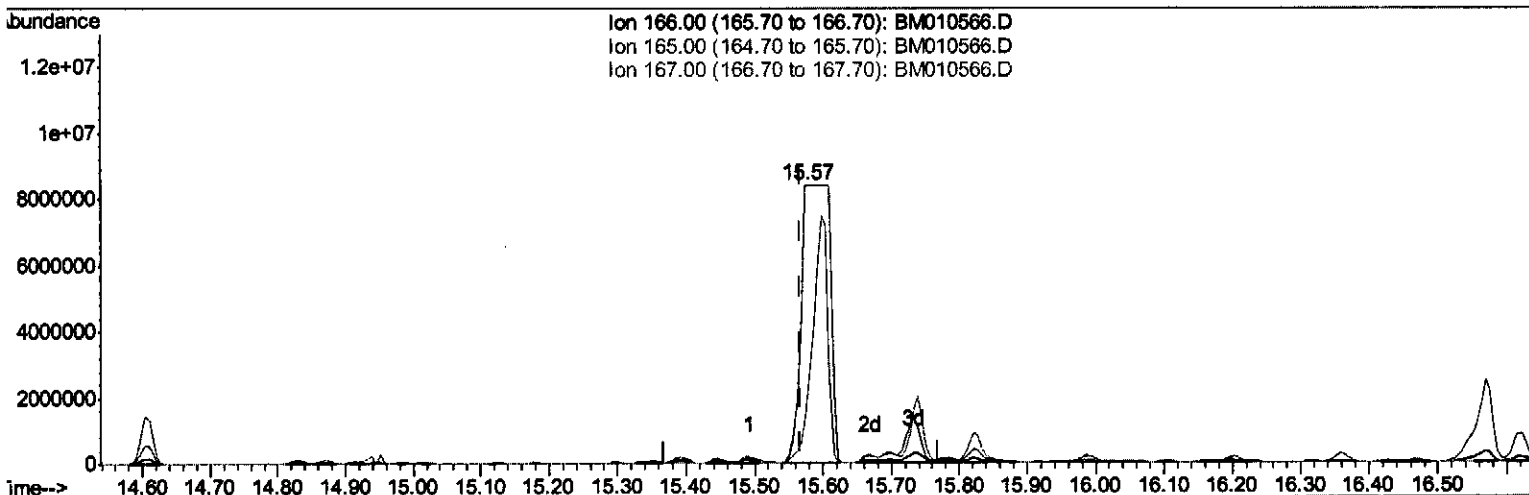
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 03:52:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

6/14/2017 2:57:18 PM



(58) Fluorene

15.574min (+0.006) 635.02ng/ul m

response 24069731

Ion	Exp%	Act%
166.00	100	100
165.00	97.40	100.00
167.00	13.30	16.26#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

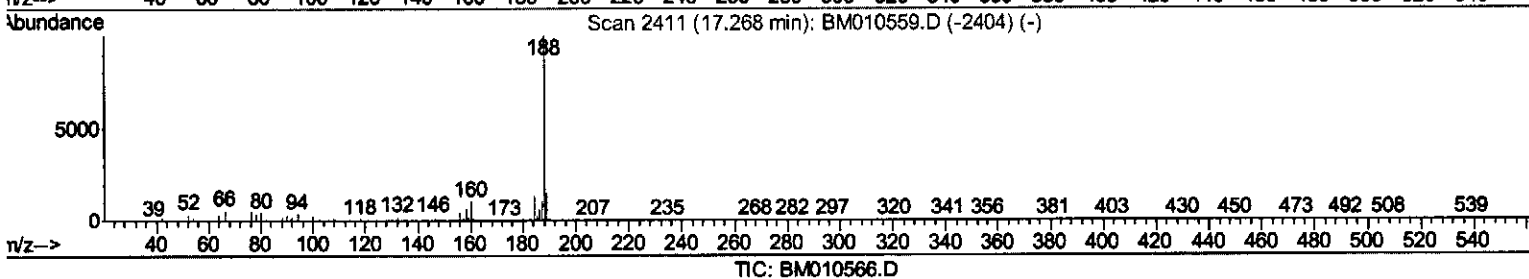
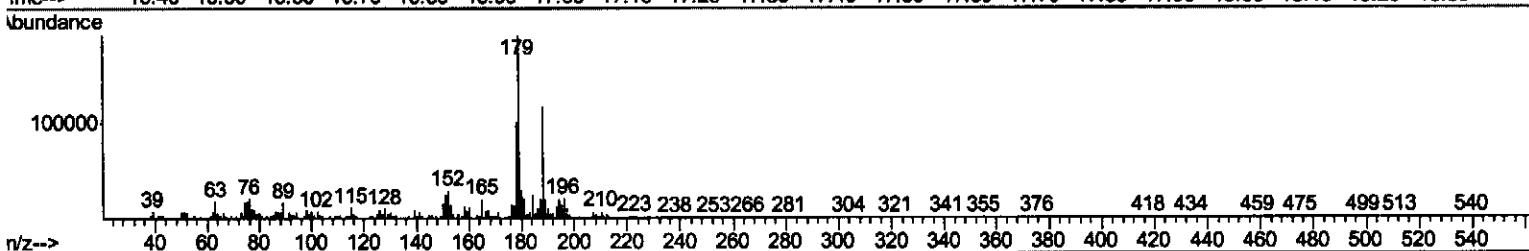
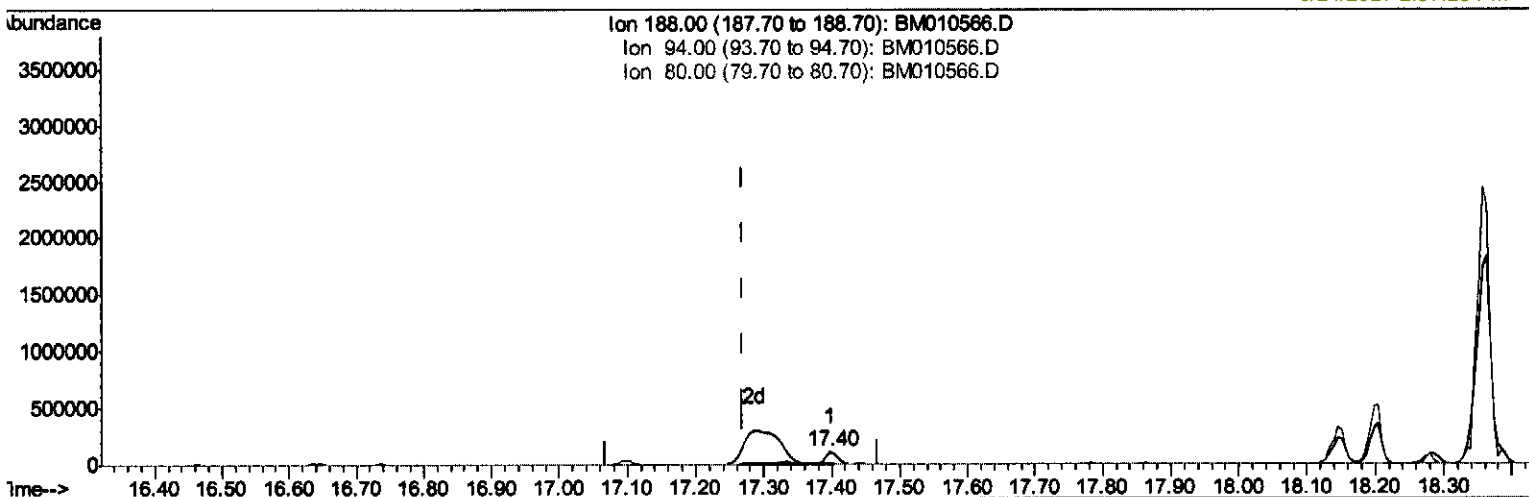
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 03:52:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

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(61) Phenanthrene-d10 (I)

17.398min (+0.129) 20.00ng/ul

response 125084

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	6.40
80.00	6.60	6.08
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

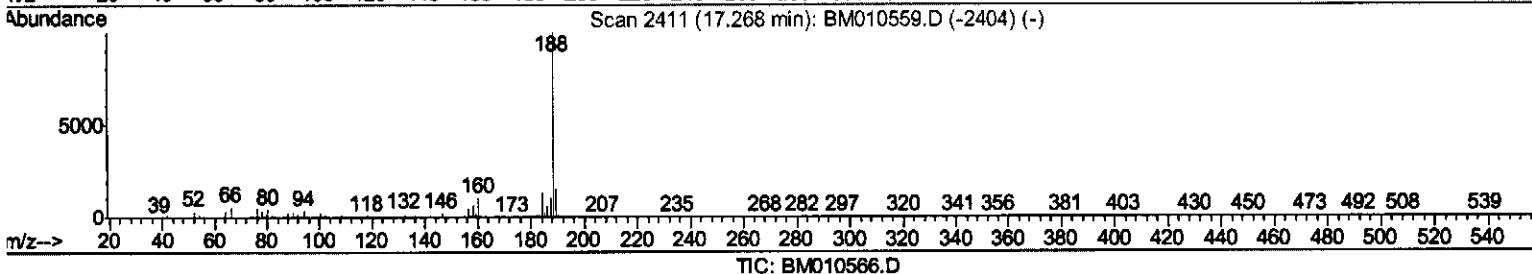
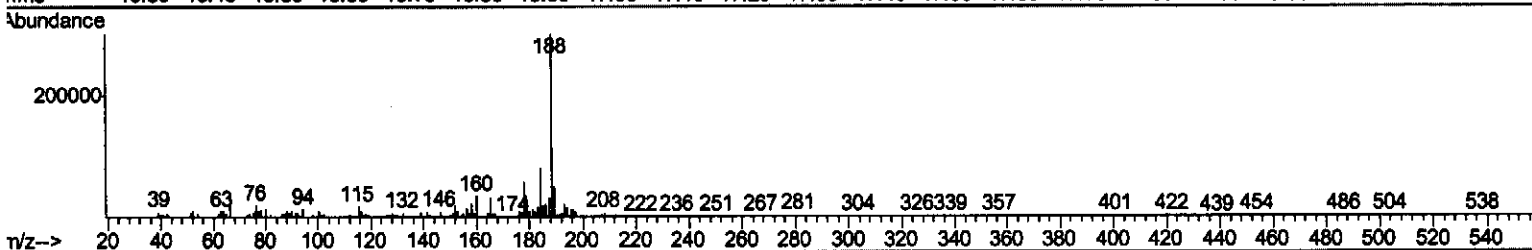
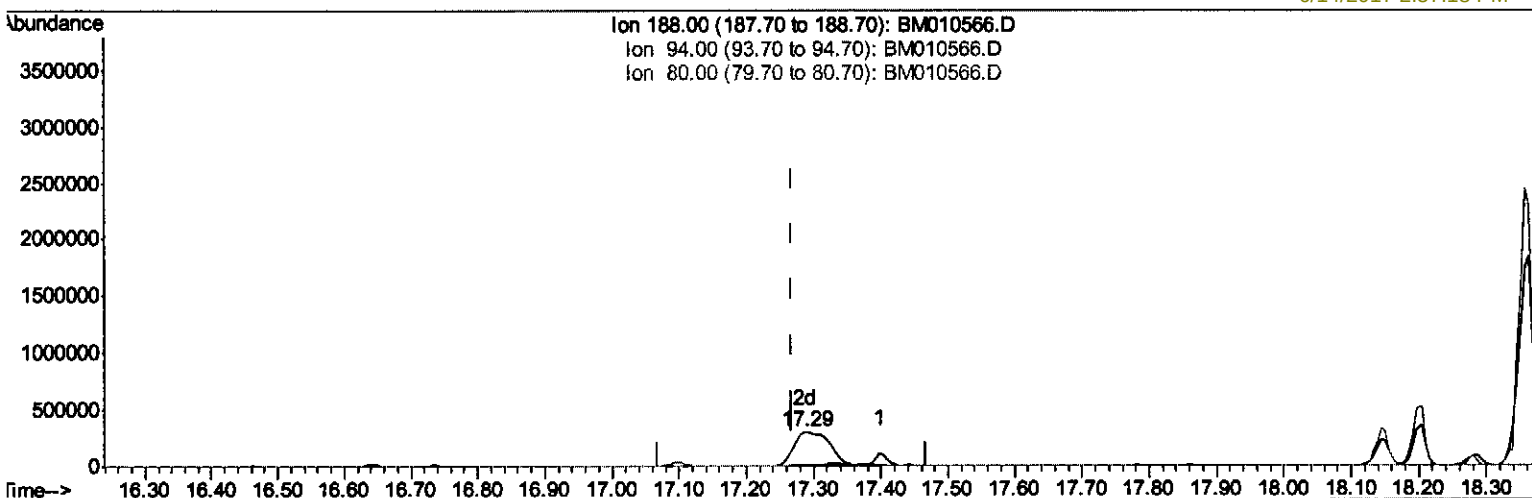
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 03:52:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

6/14/2017 2:57:18 PM



(81) Phenanthrene-d10 (I)

17.286min (+0.018) 20.00ng/ul m

response 1120353

Ion	Exp%	Act%
188.00	100	100
94.00	5.50	4.60
80.00	6.60	5.23#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

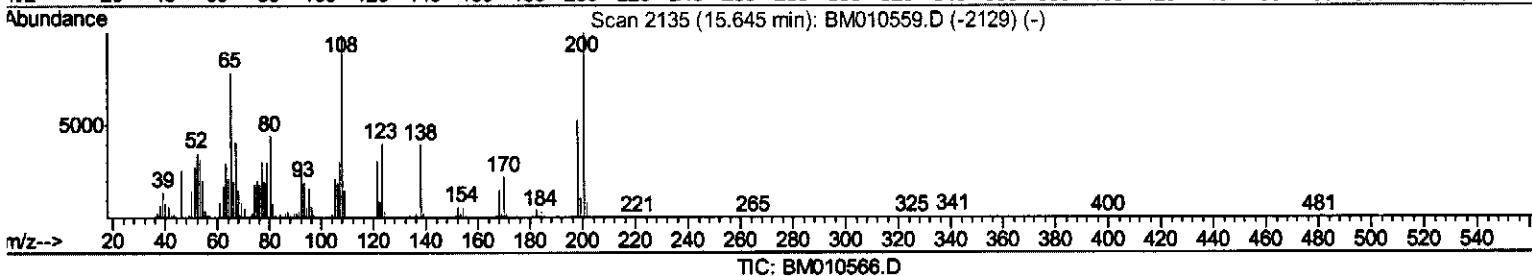
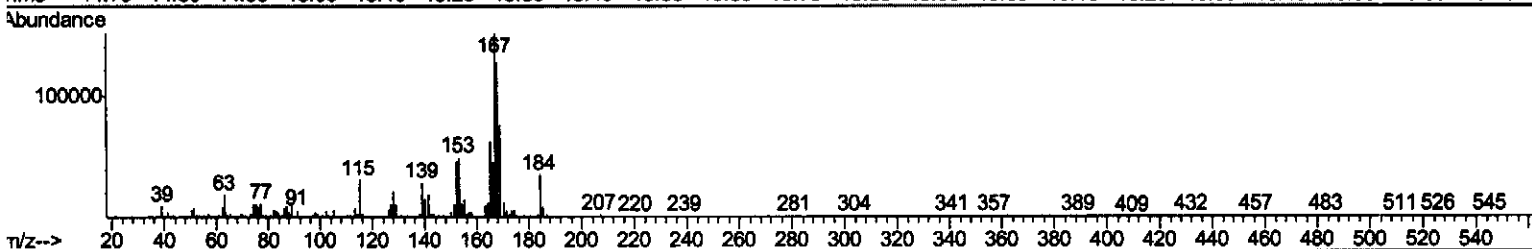
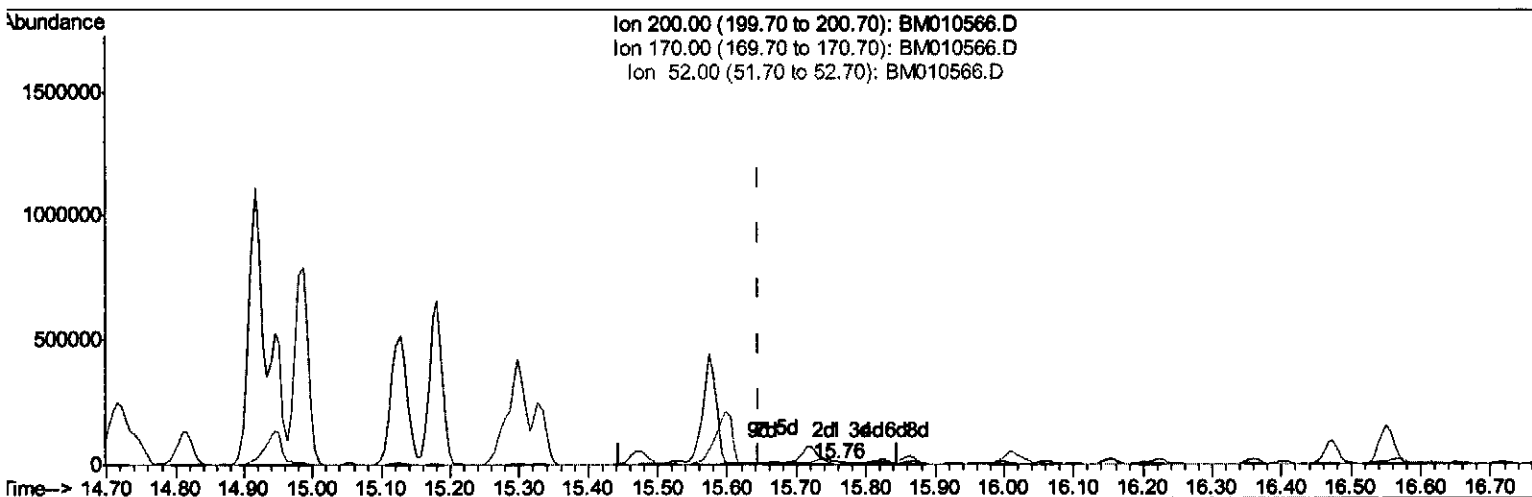
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 08:31:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.757min (+0.112) 0.06ng/ul

response 448

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	950.44#
52.00	49.50	197.87#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

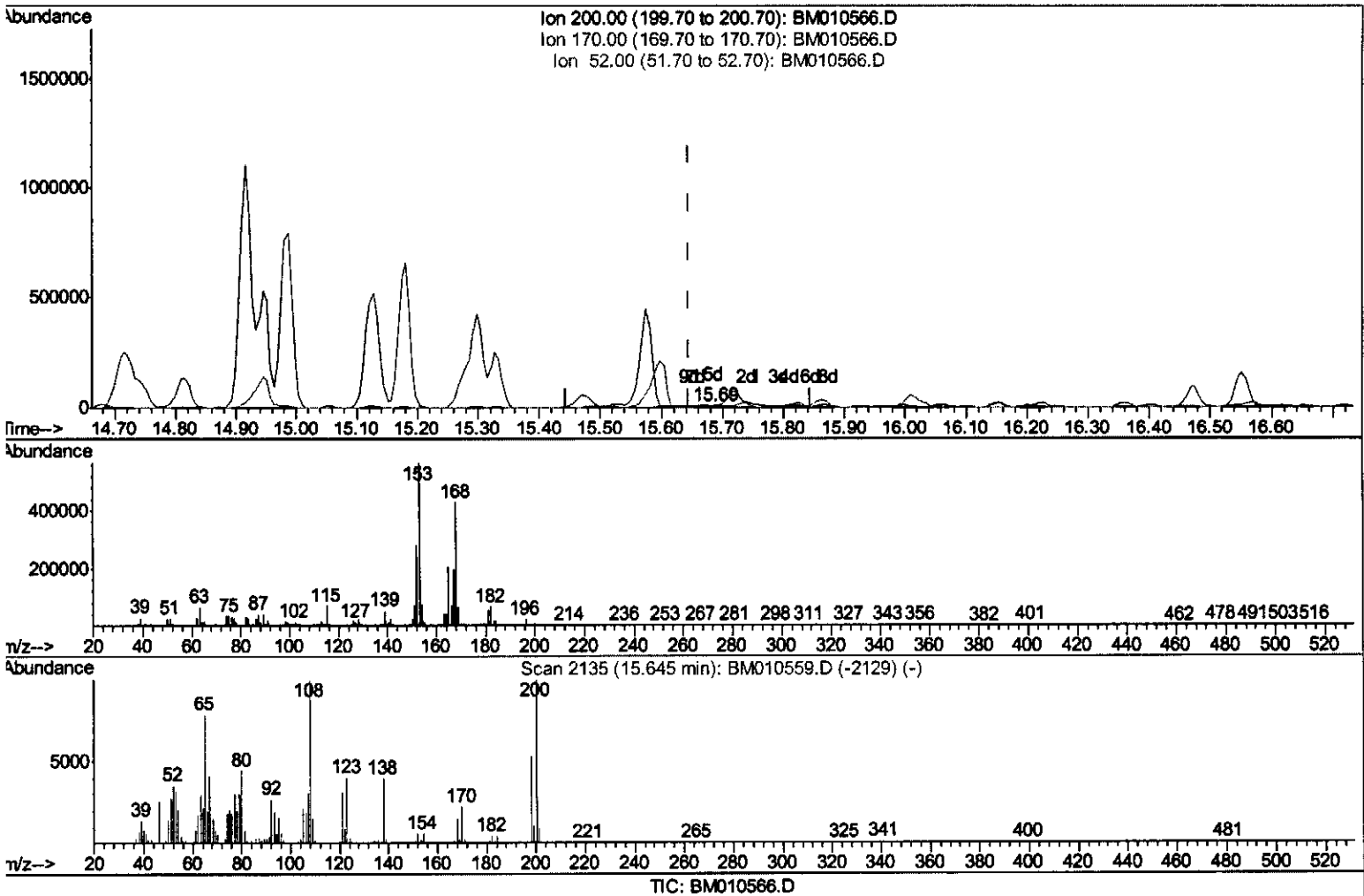
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 08:31:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.686min (+0.041) 1.61ng/ul m

response 12756

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	91.02#
52.00	49.50	126.24#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

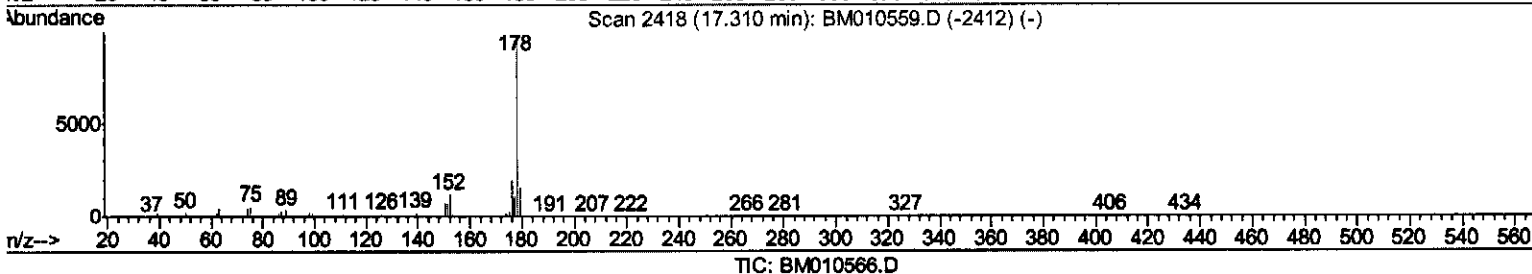
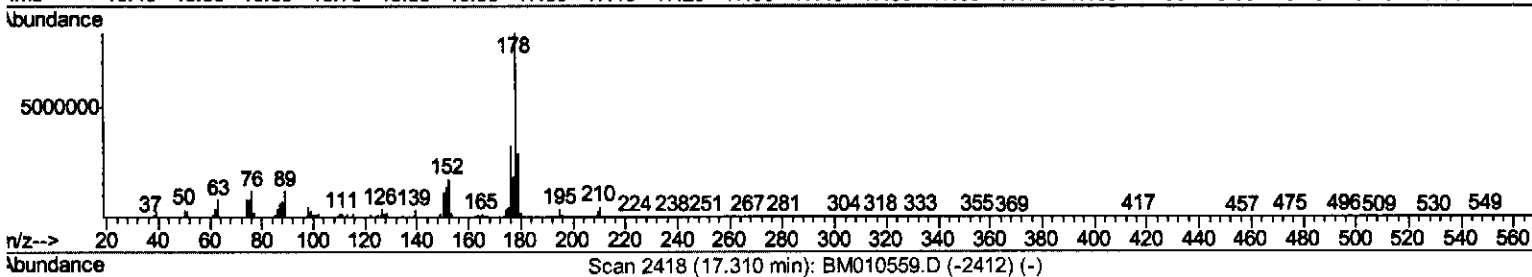
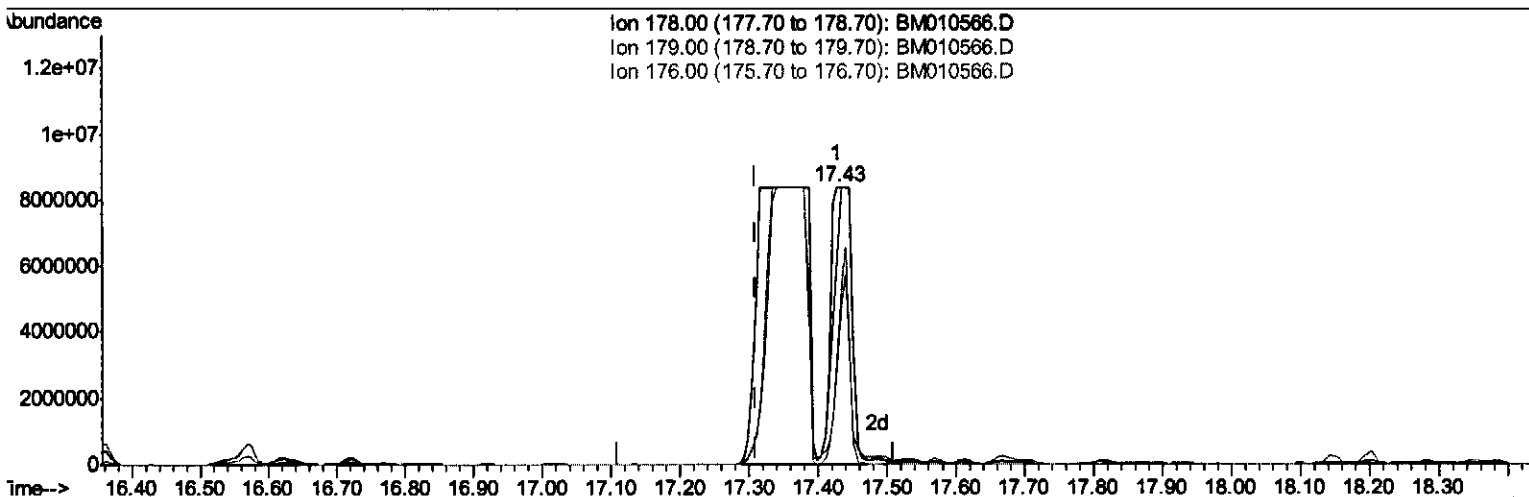
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 08:31:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

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(69) Phenanthrene

17.427min (+0.118) 58.61ng/ul

response 3505699

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	34.95#
176.00	18.60	39.17#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

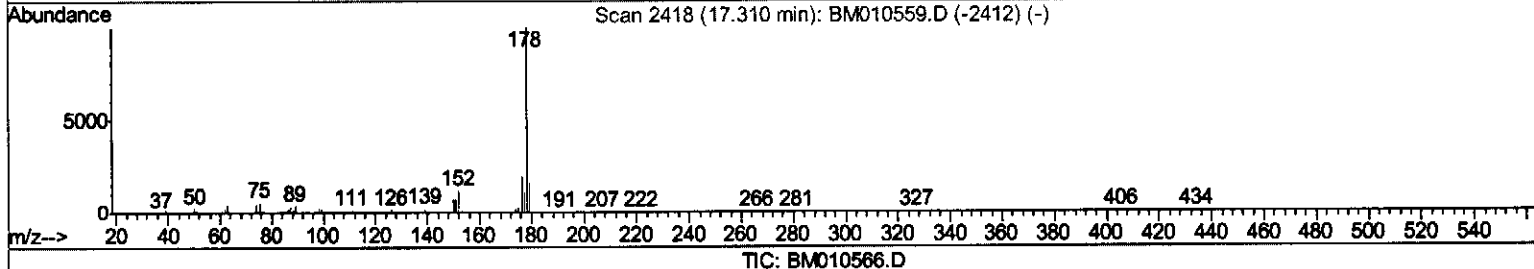
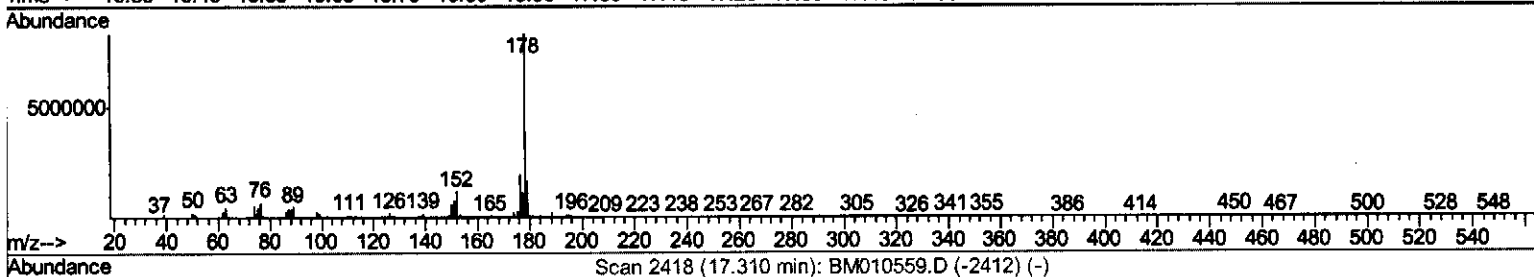
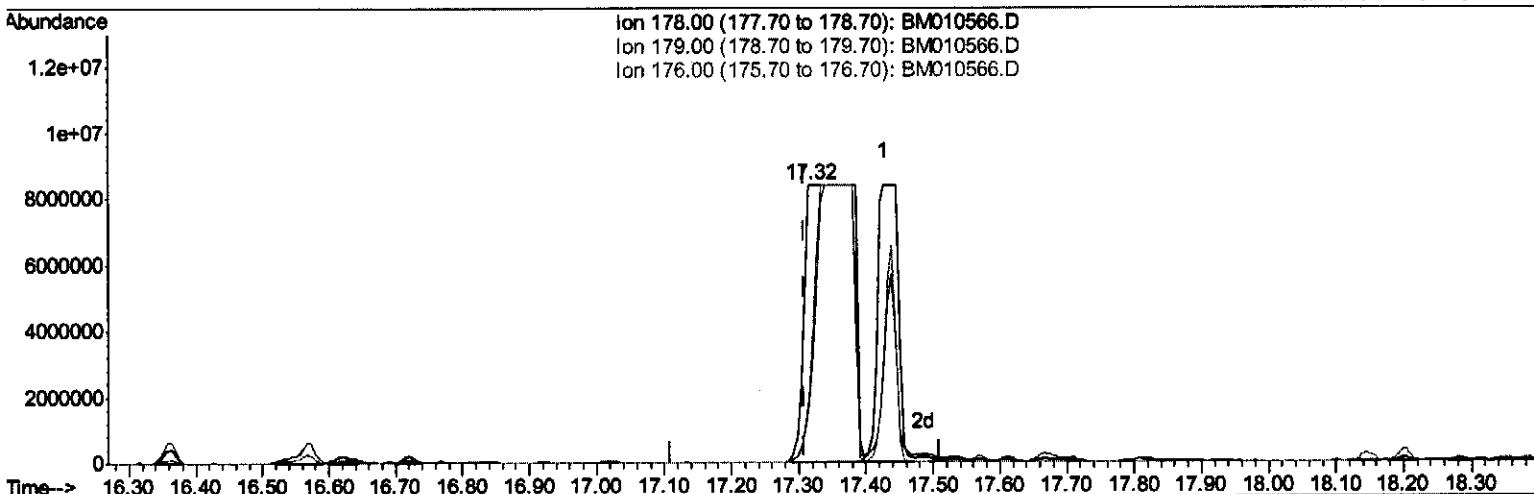
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 08:31:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

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(69) Phenanthrene

17.315min (+0.006) 698.44ng/ul m

response 41773786

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	20.01#
176.00	18.60	23.24#
0.00	0.00	0.00

SJ
06/20/17

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

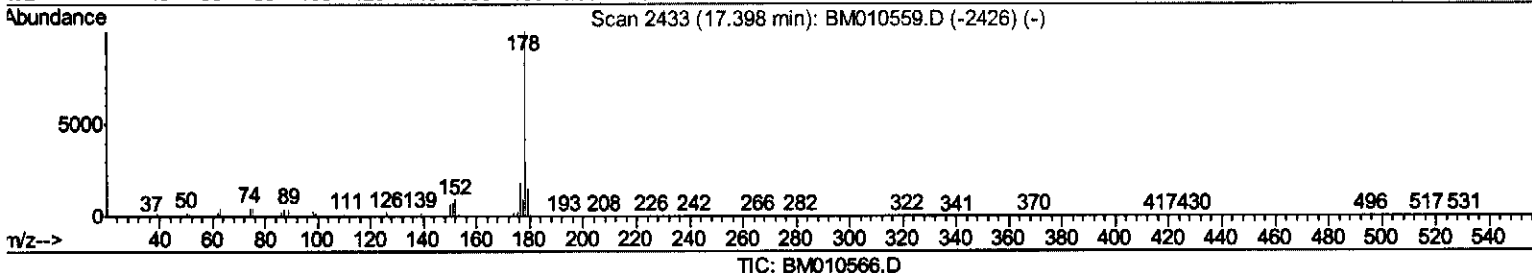
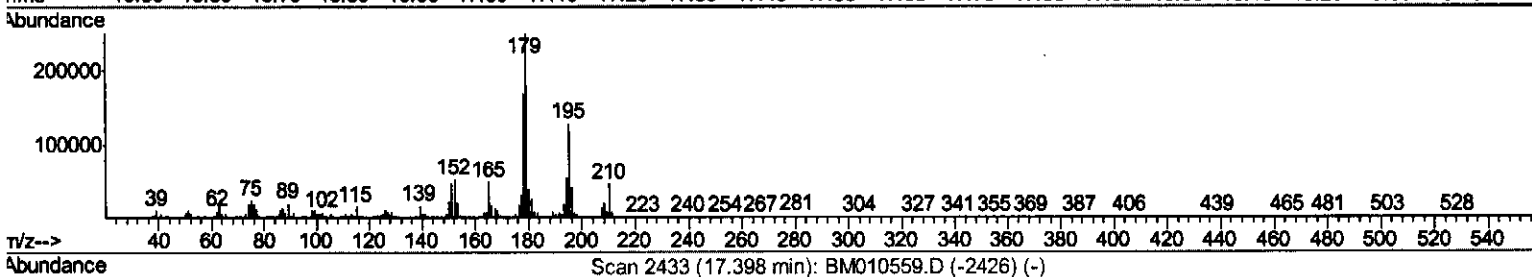
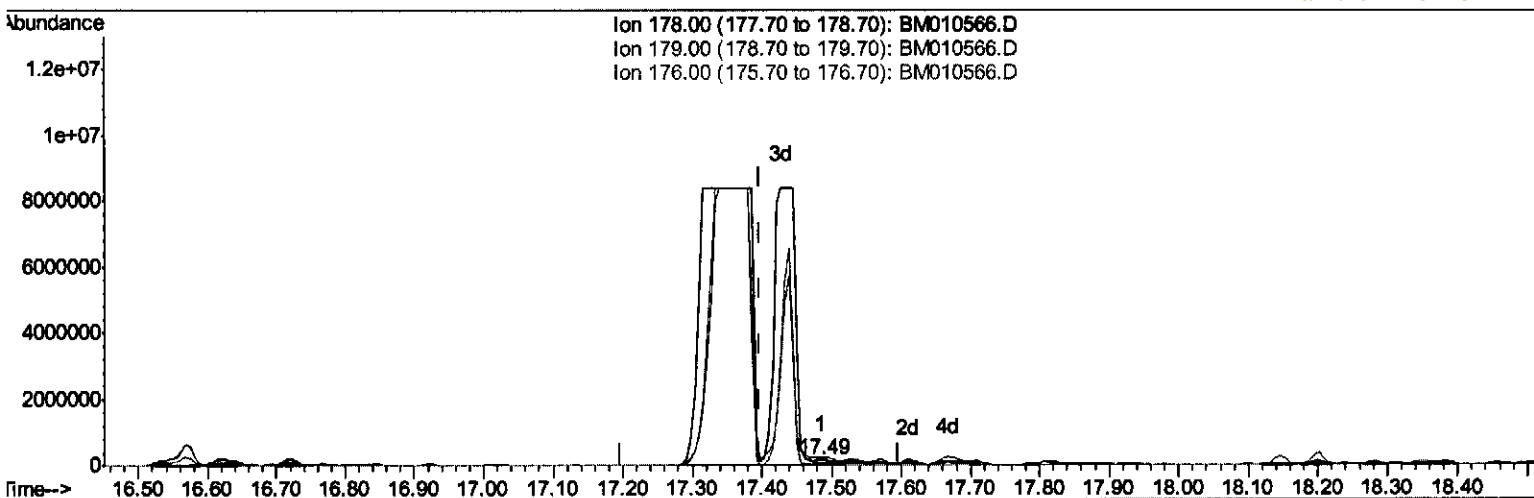
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 08:31:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

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(71) Anthracene

17.486min (+0.088) 2.30ng/ul

response 143454

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	148.21#
176.00	18.20	10.25#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

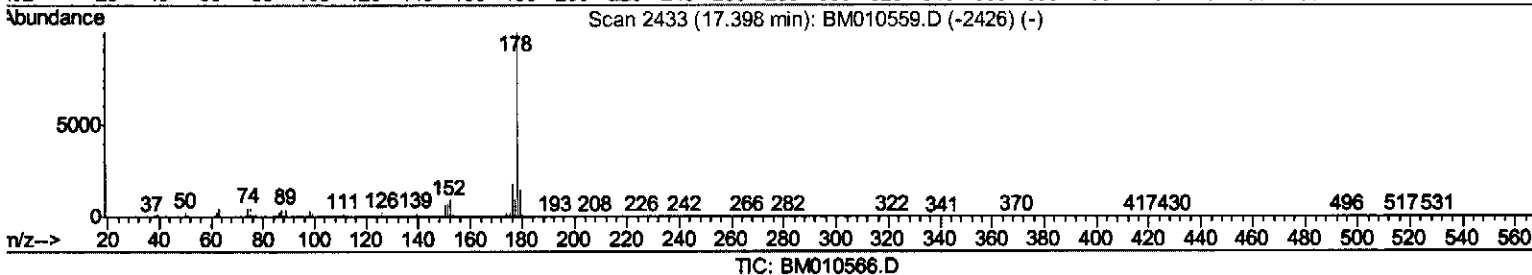
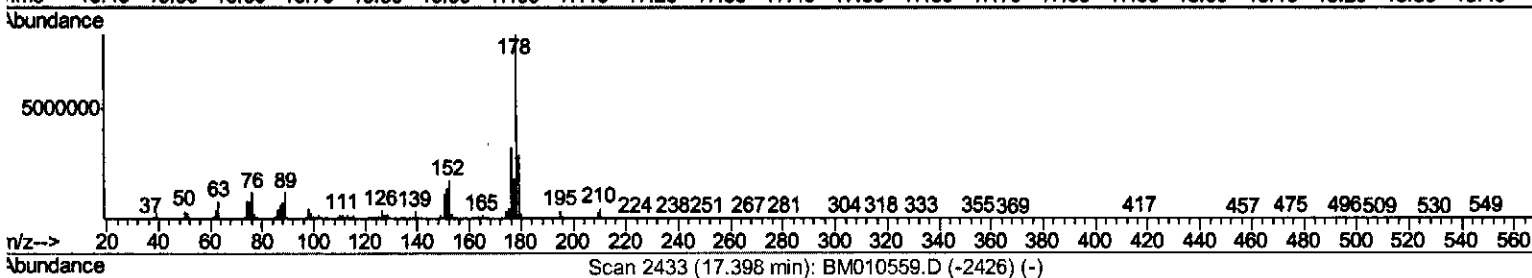
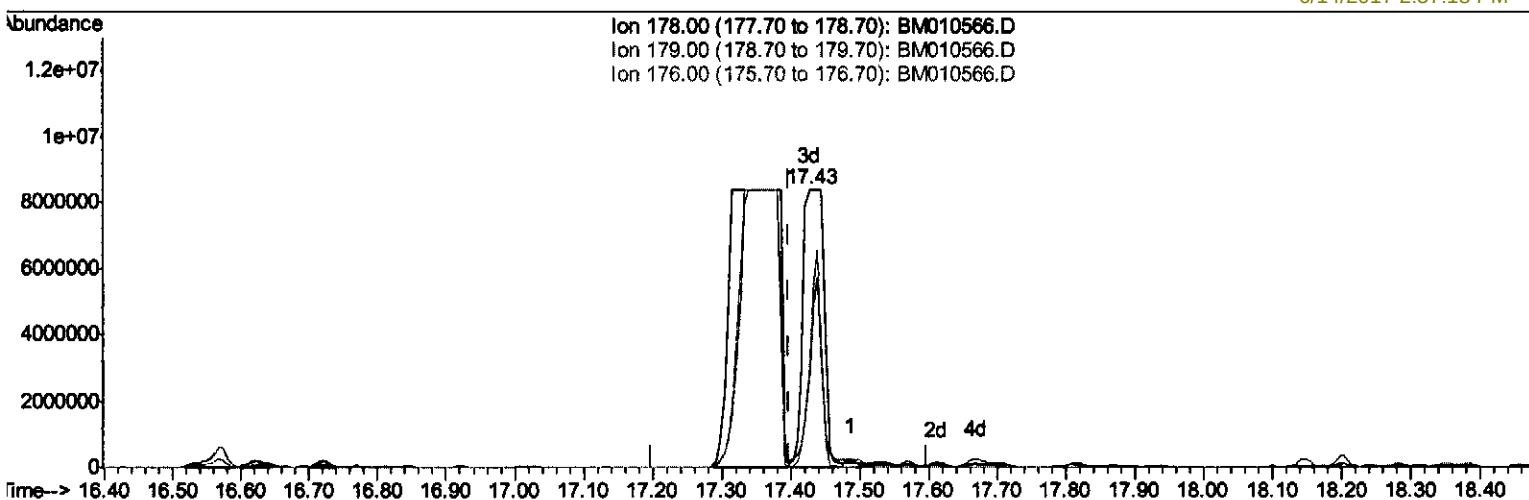
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 08:31:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

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(71) Anthracene

17.427min (+0.029) 282.10ng/ul m

response 17614312

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	34.95#
176.00	18.20	39.17#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

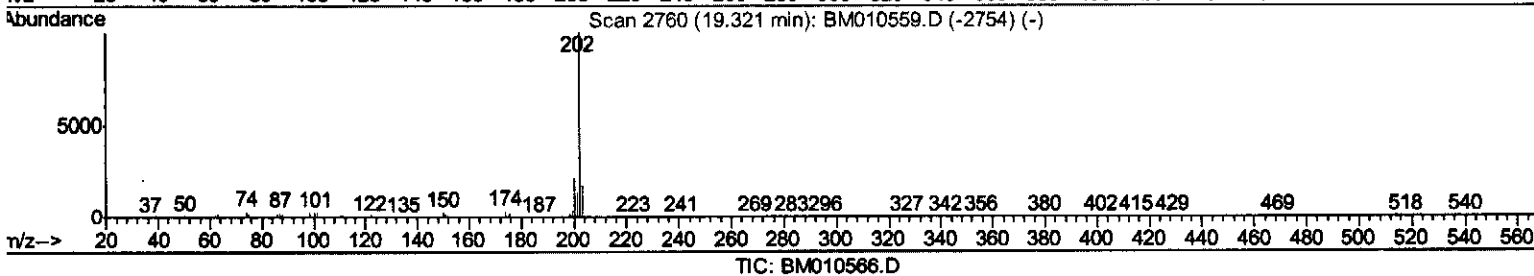
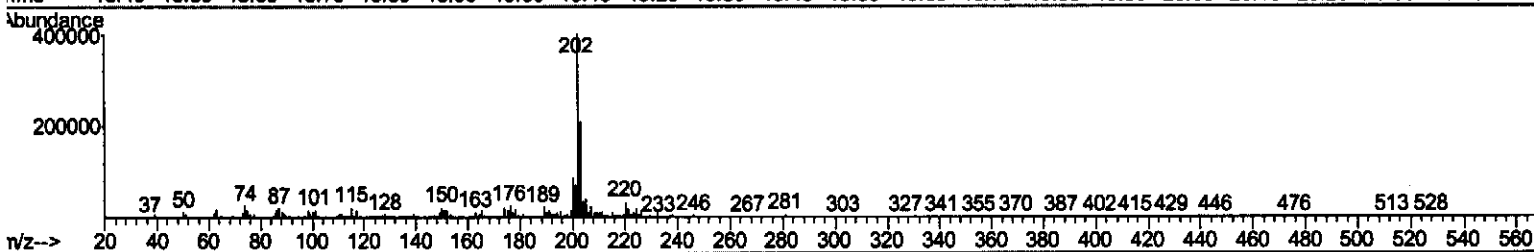
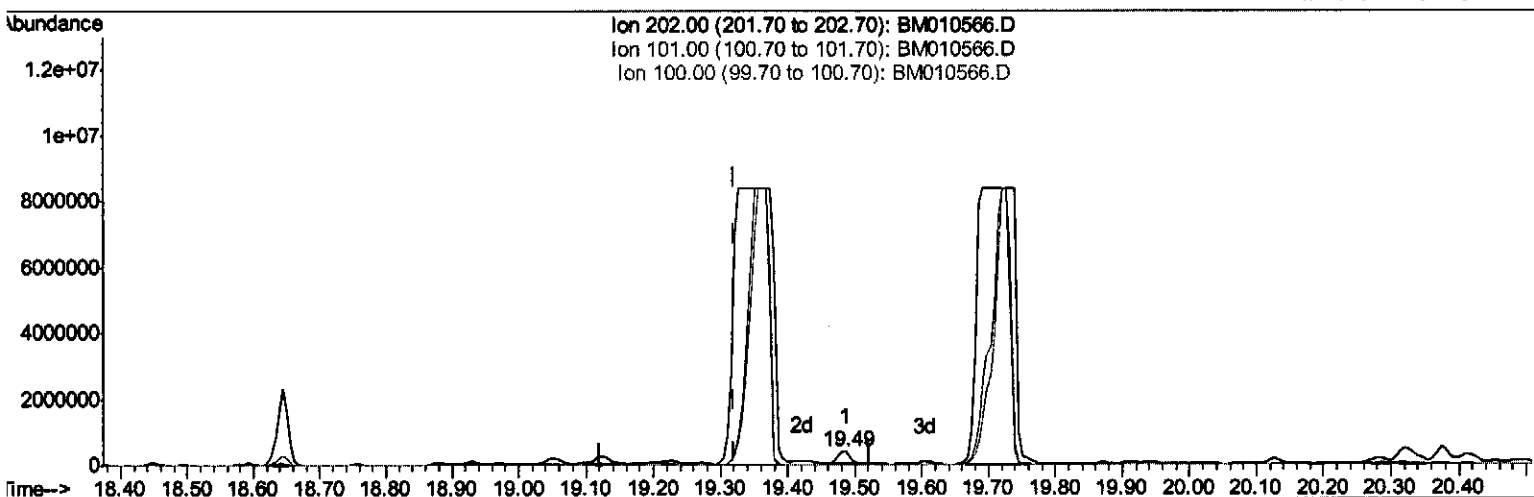
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 08:31:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

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(74) Fluoranthene (C)

19.486min (+0.165) 6.89ng/ul

response 506469

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	4.41#
100.00	4.30	3.20#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

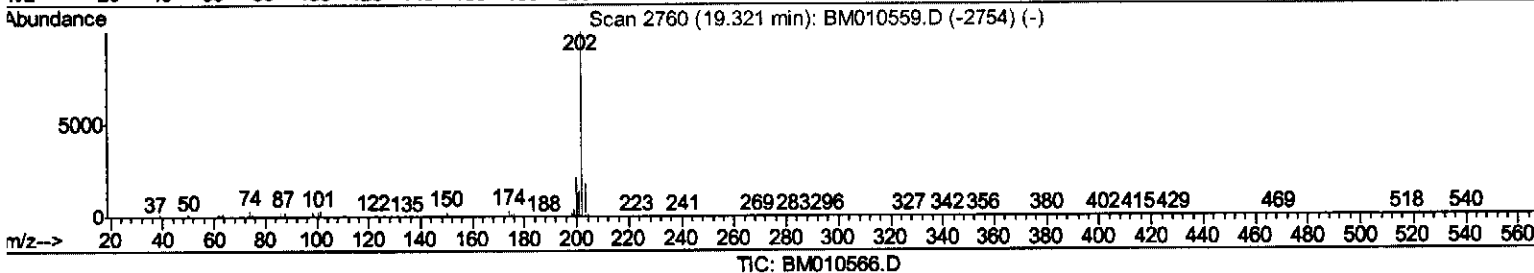
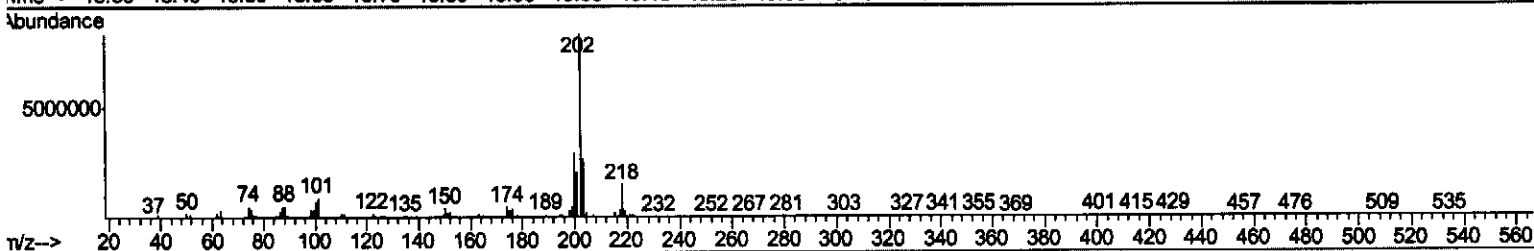
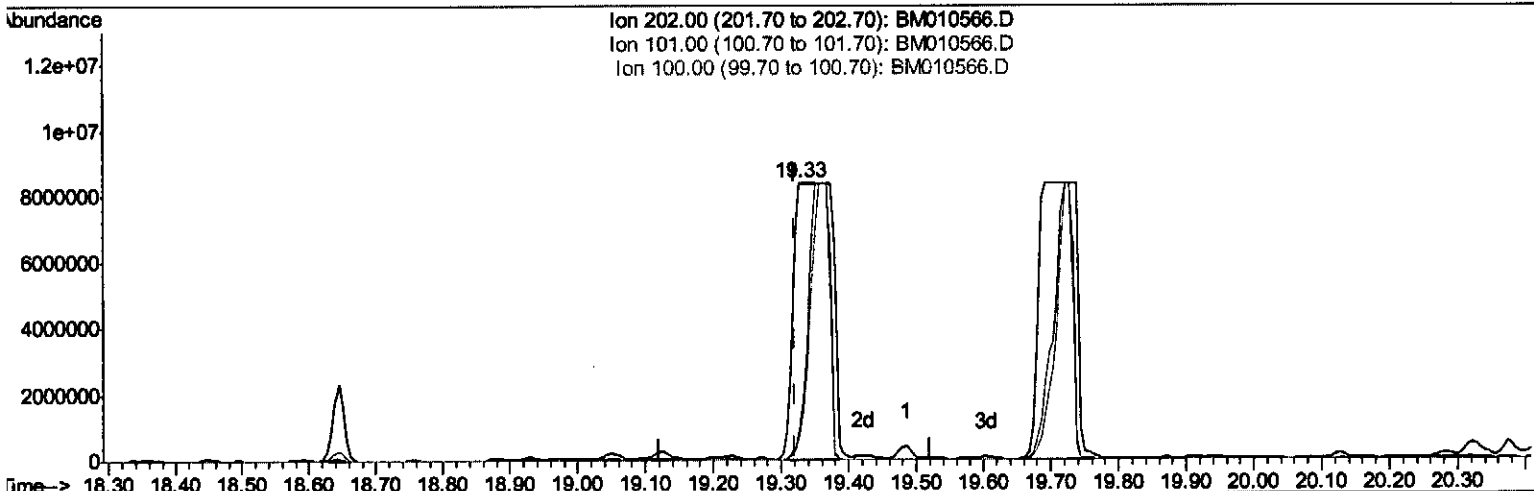
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 08:31:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

6/14/2017 2:57:18 PM



(74) Fluoranthene (C)

19.327min (+0.006) 449.62ng/ul m

response 33069314

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	10.88#
100.00	4.30	8.66#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

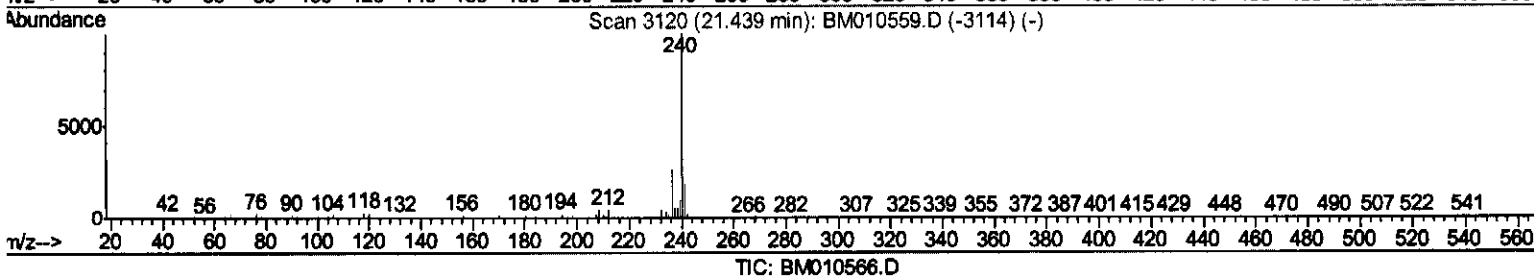
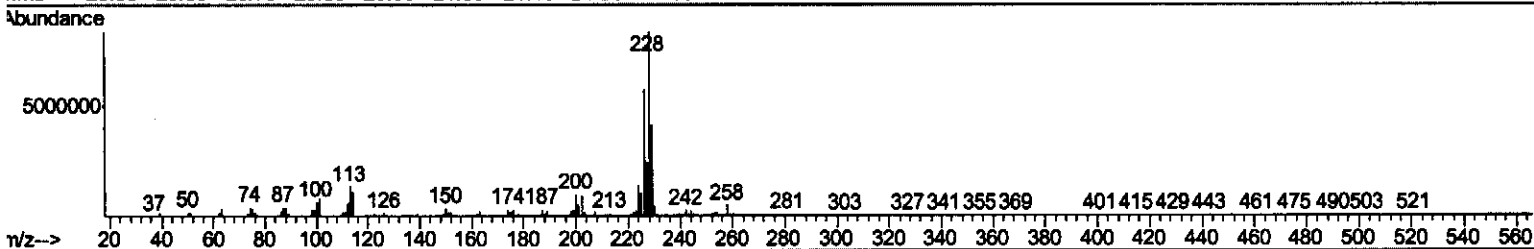
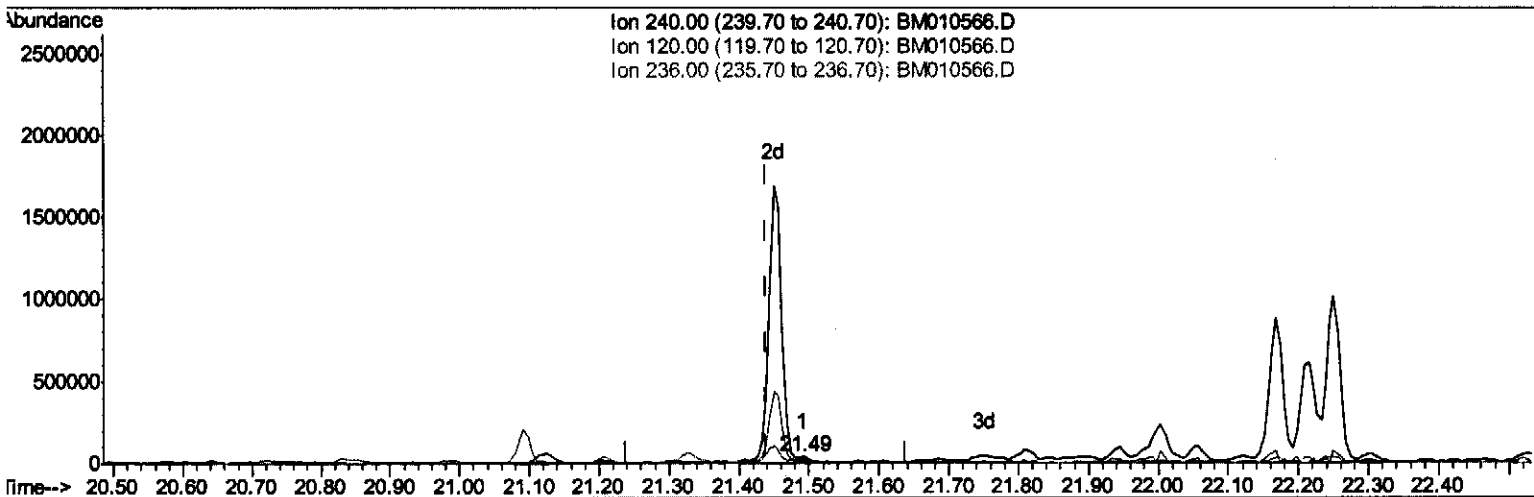
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
APPROVED

mohammad
6/14/2017 2:57:18 PM

Quant Time: Jun 14 08:31:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

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(75) Chrysene-d12 (I)

21.492min (+0.053) 20.00ng/ul

response 26268

Ion	Exp%	Act%
240.00	100	100
120.00	4.60	81.28#
236.00	24.80	38.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
 Data File : BM010566.D
 Acq On : 13 Jun 2017 18:43
 Operator : SJ/MA
 Sample : I3558-15 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

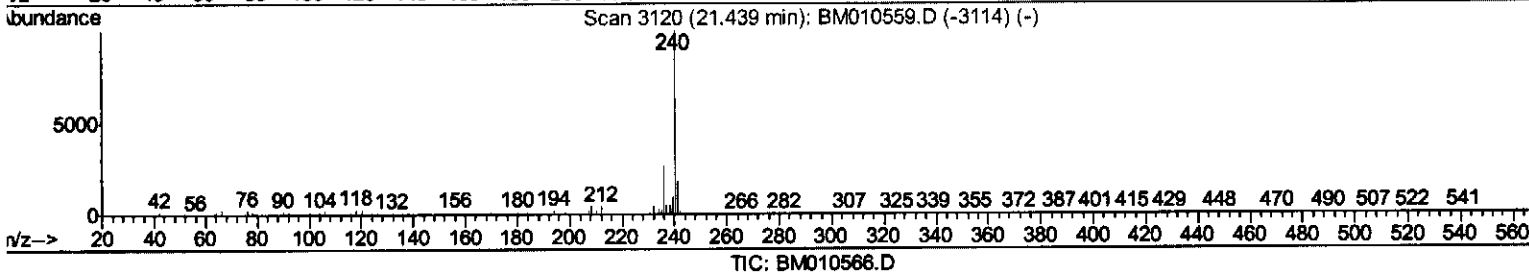
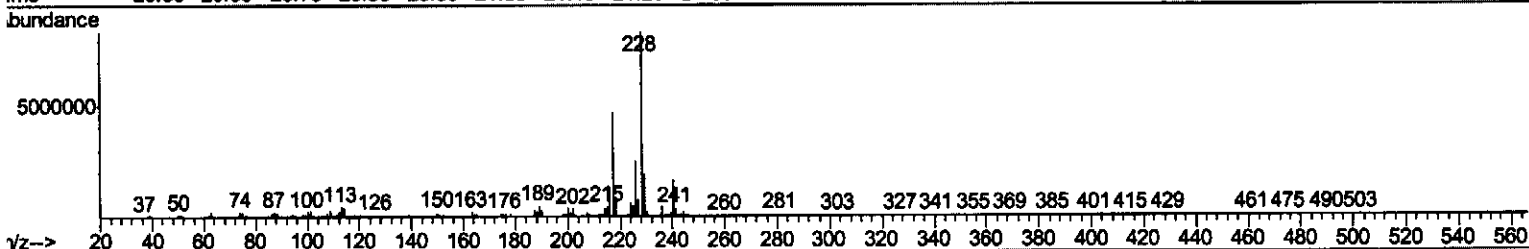
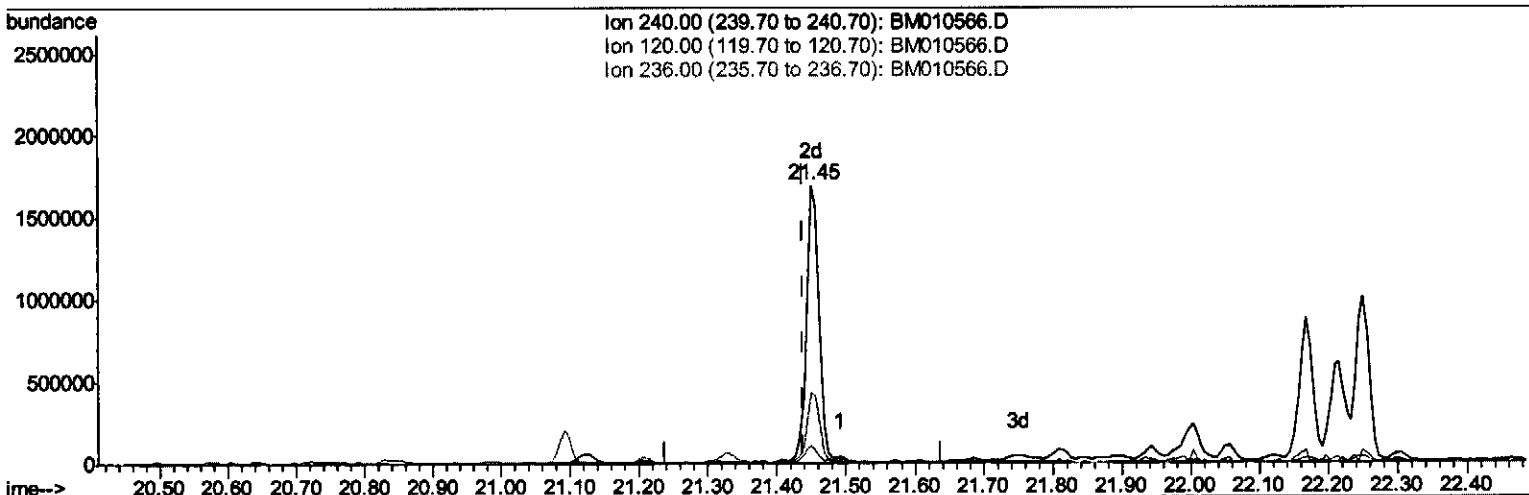
Instrument :
 BNA_M
 ClientSampleId :
 F5C88

Manual Integrations
 APPROVED

mohammad
 6/14/2017 2:57:18 PM

Quant Time: Jun 14 08:31:33 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

6/14/2017 2:57:18 PM



(75) Chrysene-d12 (I)

21.450min (+0.012) 20.00ng/ul m

response 2152122

Ion	Exp%	Act%
240.00	100	100
120.00	4.60	6.38#
236.00	24.80	25.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
 Data File : BM010566.D
 Acq On : 13 Jun 2017 18:43
 Operator : SJ/MA
 Sample : I3558-15 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

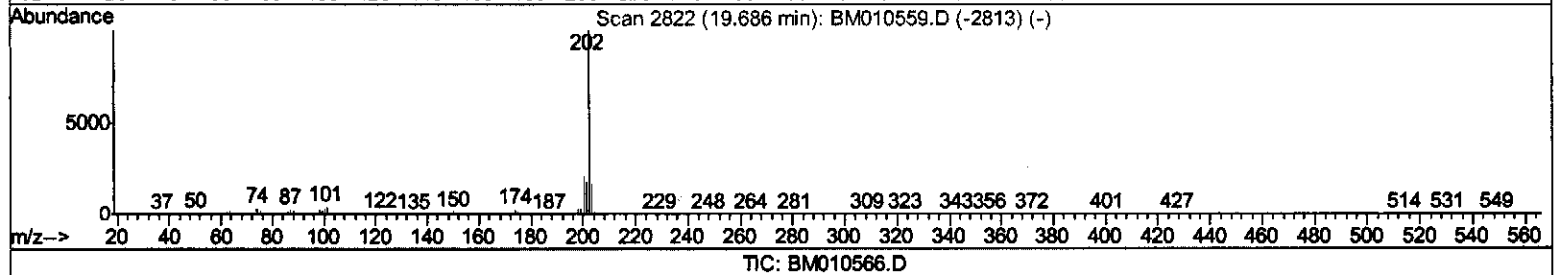
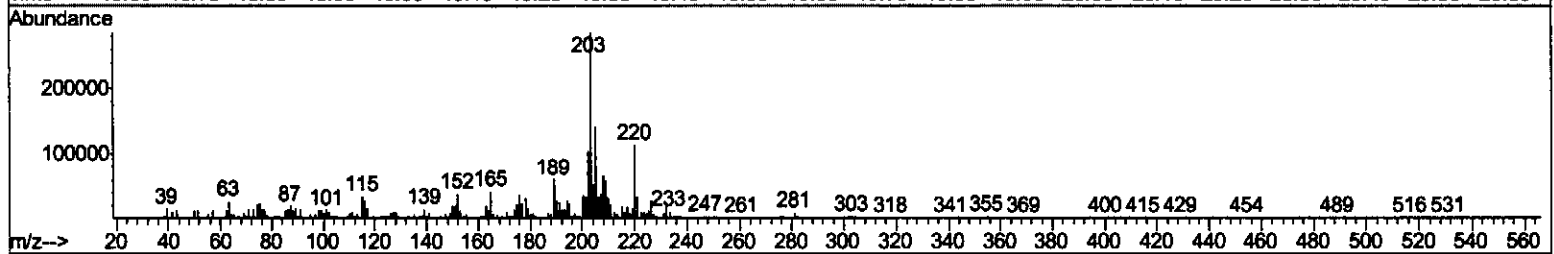
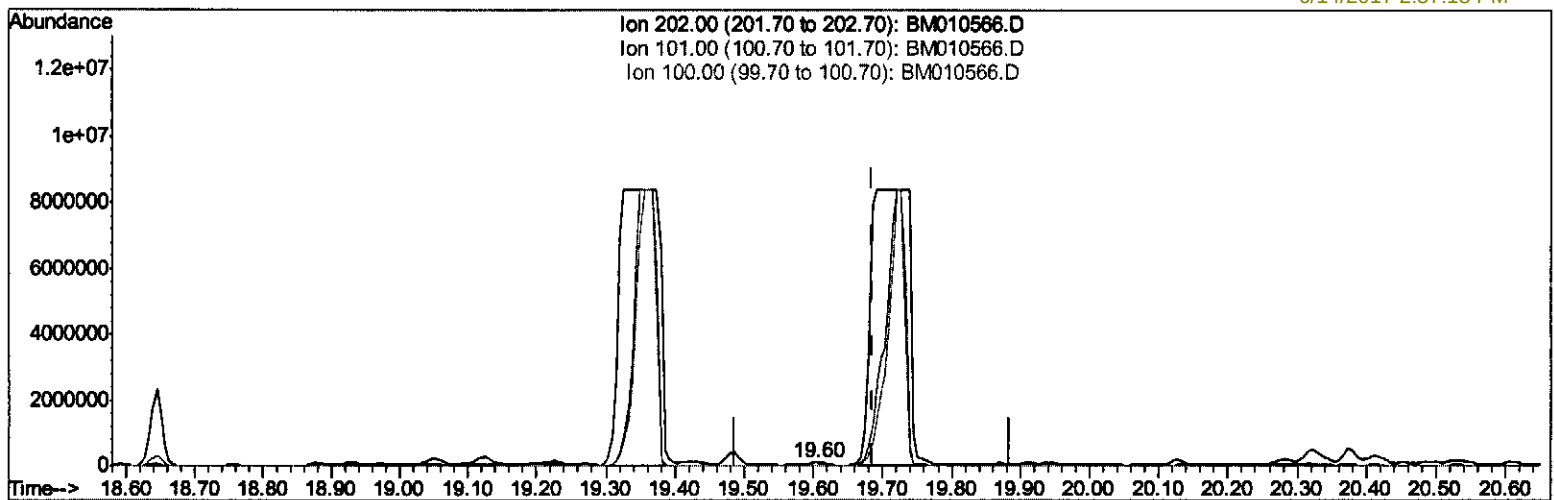
Instrument :
 BNA_M
 ClientSampleId :
 F5C88

Manual Integrations
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Quant Time: Jun 14 08:34:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

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TIC: BM010566.D

(77) Pyrene

19.603min (-0.082) 1.24ng/ul

response 137791

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	12.65#
100.00	6.10	7.68#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

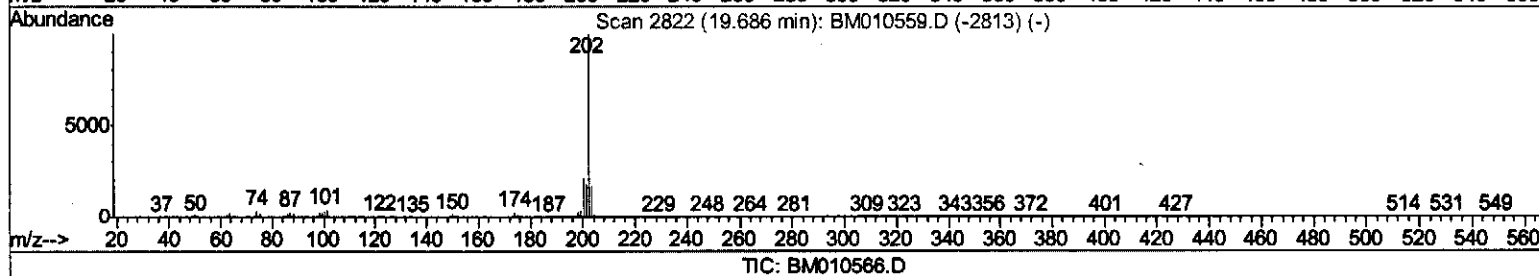
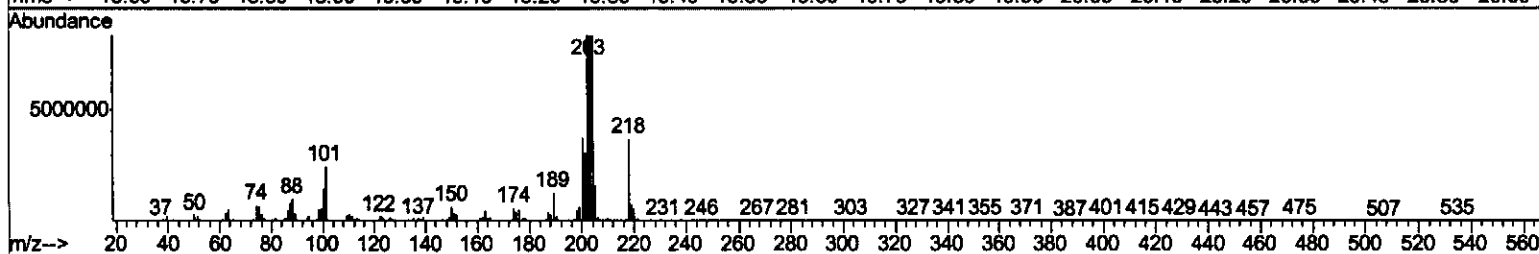
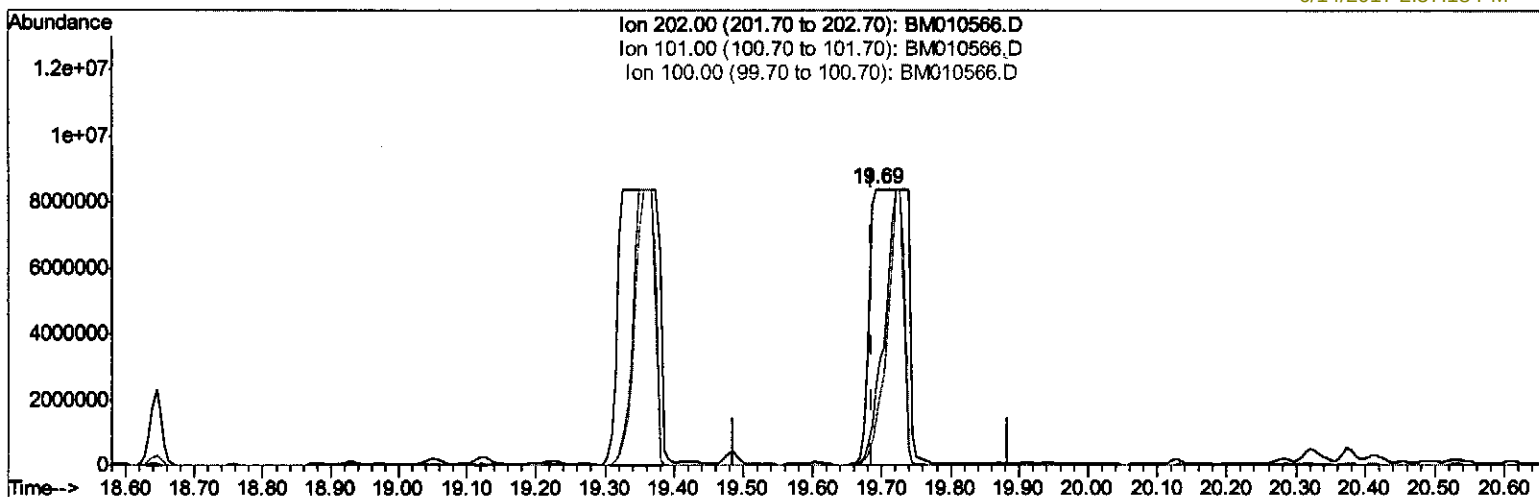
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
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Quant Time: Jun 14 08:34:41 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
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(77) Pyrene

19.692min (+0.006) 286.99ng/ul m

response 31827382

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	29.51#
100.00	6.10	17.47#
0.00	0.00	0.00

SS
6/20/17

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
 Data File : BM010566.D
 Acq On : 13 Jun 2017 18:43
 Operator : SJ/MA
 Sample : I3558-15 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

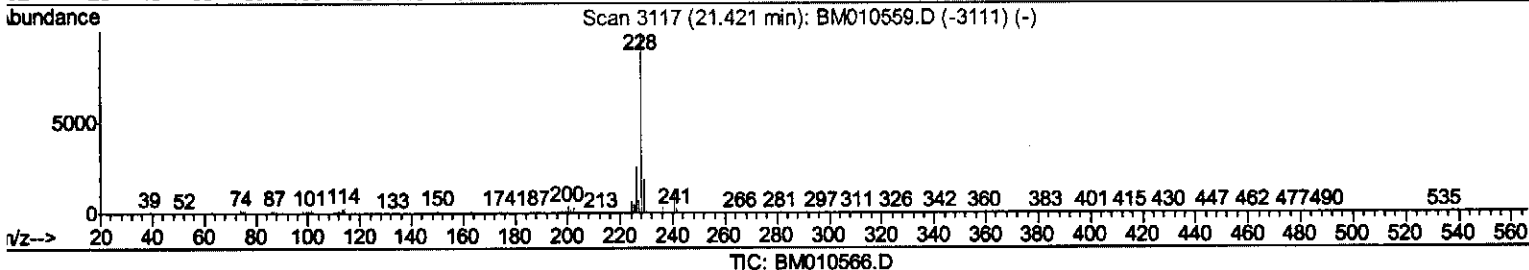
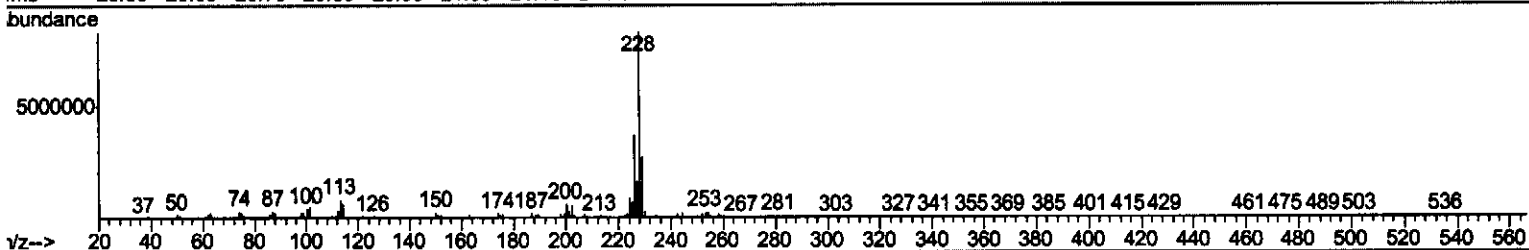
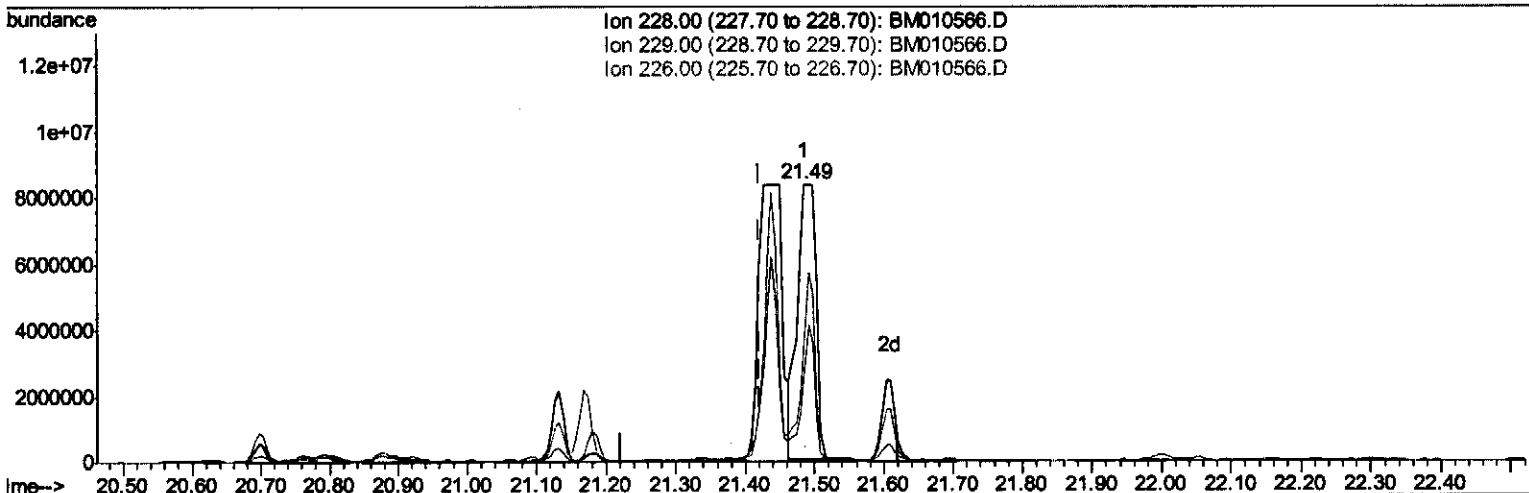
Instrument :
 BNA_M
 ClientSampleId :
 F5C88

Manual Integrations
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Quant Time: Jun 14 08:34:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

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TIC: BM010566.D

(80) Benzo(a)anthracene

21.486min (+0.065) 128.27ng/ul

response 15566837

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	32.67#
226.00	26.70	44.78#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

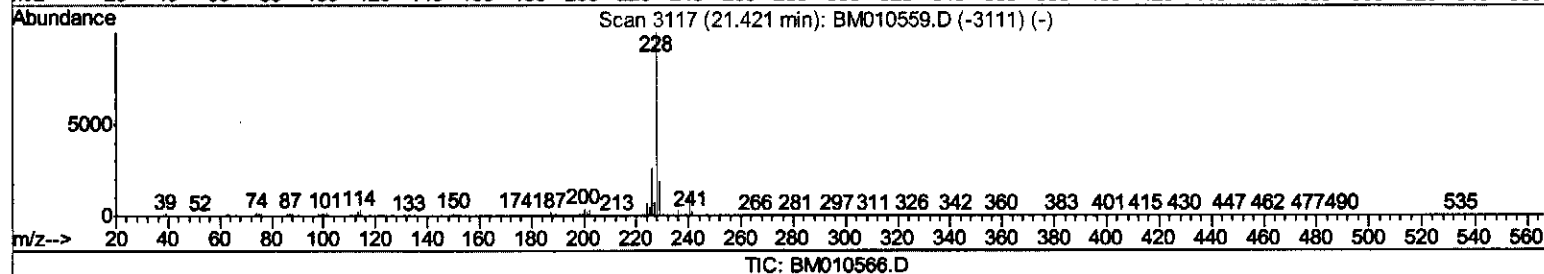
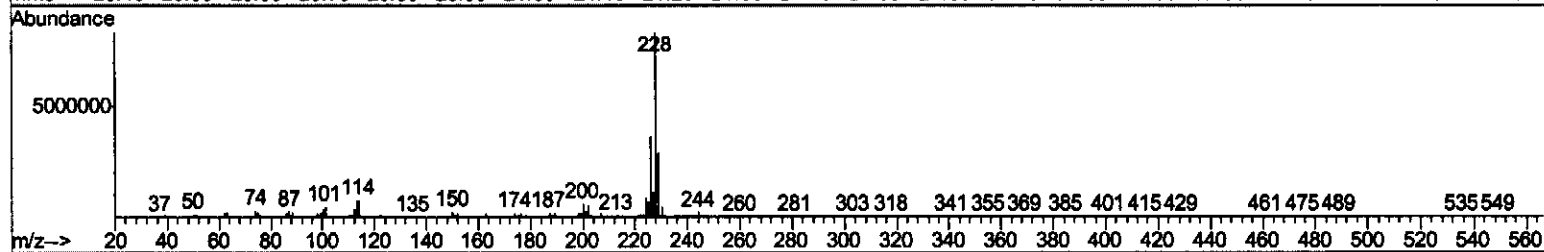
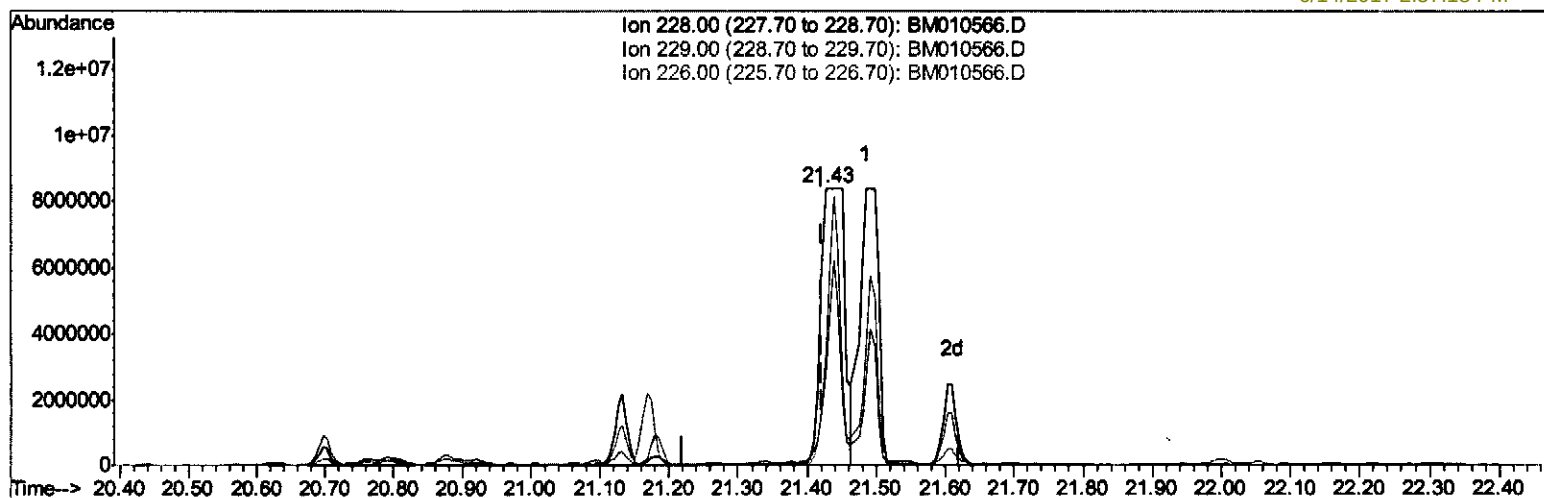
Instrument :
BNA_M
ClientSampleId :
F5C88

Manual Integrations
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Quant Time: Jun 14 08:34:41 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

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(80) Benzo(a)anthracene

21.427min (+0.006) 163.46ng/ul m

response 19837243

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	34.88#
226.00	26.70	42.89#
0.00	0.00	0.00

56/12/17

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
 Data File : BM010566.D
 Acq On : 13 Jun 2017 18:43
 Operator : SJ/MA
 Sample : I3558-15 10X
 Disc :
 LS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 CF5C88
 F5C88

Manual Integrations
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Quant Time: Jun 14 08:35:29 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 Last Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	137892	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	862034	20.00	ng/ul	0.08
35) Acenaphthene-d10	14.53	164	470426	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1120353m	20.00	ng/ul	0.02
75) Chrysene-d12	21.45	240	2152122m	20.00	ng/ul	0.01
83) Perylene-d12	23.78	264	1352623	20.00	ng/ul	0.01

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	513	0.15	ng/uL	0.02
5) Phenol-d5	7.07	99	14586	1.40	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.23	67	8610	1.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	13542	1.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	12856	1.52	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	21257m	3.37	ng/ul	-0.03
22) 2-Nitrophenol-d4	9.78	143	8485	1.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	16412	1.09	ng/ul	0.02
29) 4-Chloroaniline-d4	10.86	131	280235m	19.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	86280	2.21	ng/ul	0.01
46) Acenaphthylene-d8	14.22	160	76321	1.67	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.52	176	65366	1.90	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.69	200	12756m	1.61	ng/ul	0.04
70) Anthracene-d10	17.40	188	123612	2.27	ng/ul	0.03
76) Pyrene-d10	19.67	212	205276	2.31	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.63	264	117981	1.87	ng/ul	0.00

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Target Compounds

					Qvalue
6) Phenol	7.10	94	54840	5.119	ng/ul 94
11) 2-Methylphenol	8.34	108	44851	5.736	ng/ul 98
16) 4-Methylphenol	8.67	108	118204	13.781	ng/ul 93
24) 2,4-Dimethylphenol	9.87	107	156676	8.689	ng/ul 96
28) Naphthalene	10.74	128	53194260m	1230.286	ng/ul
34) 2-Methylnaphthalene	12.35	142	27823783m	848.755	ng/ul
40) 1,1'-Biphenyl	13.36	154	11641327	305.047	ng/ul
42) 2-Nitroaniline	13.70	65	166276m	21.776	ng/ul
44) Dimethylphthalate	13.99	163	39846	1.037	ng/ul# 96
47) Acenaphthylene	14.25	152	1825629	40.973	ng/ul# 97
49) Acenaphthene	14.59	153	24203449m	774.520	ng/ul
53) Dibenzofuran	14.93	168	22724444m	491.781	ng/ul
58) Fluorene	15.57	166	24069731m	635.021	ng/ul
69) Phenanthrene	17.32	178	41773786m	698.438	ng/ul
71) Anthracene	17.43	178	17614312m	282.101	ng/ul
72) Carbazole	17.70	167	11659499	220.615	ng/ul
74) Fluoranthene	19.33	202	33069314m	449.618	ng/ul
77) Pyrene	19.69	202	31827382m	286.991	ng/ul
80) Benzo(a)anthracene	21.43	228	19837243m	163.456	ng/ul
82) Chrysene	21.49	228	15566837	141.895	ng/ul# 71
85) Benzo(b)fluoranthene	23.08	252	15294513	194.323	ng/ul 99
86) Benzo(k)fluoranthene	23.11	252	5939343	78.992	ng/ul 99
88) Benzo(a)pyrene	23.69	252	9501385	121.788	ng/ul 99

SJ 06/20/17

SJ 06/20/17

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	26.16	276	2821338	28.624	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.16	278	827540	9.748	ng/ul#	91
91) Benzo(g,h,i)perylene	26.90	276	1842376	22.689	ng/ul	98

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