

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Quantitation Report (QT Reviewed)

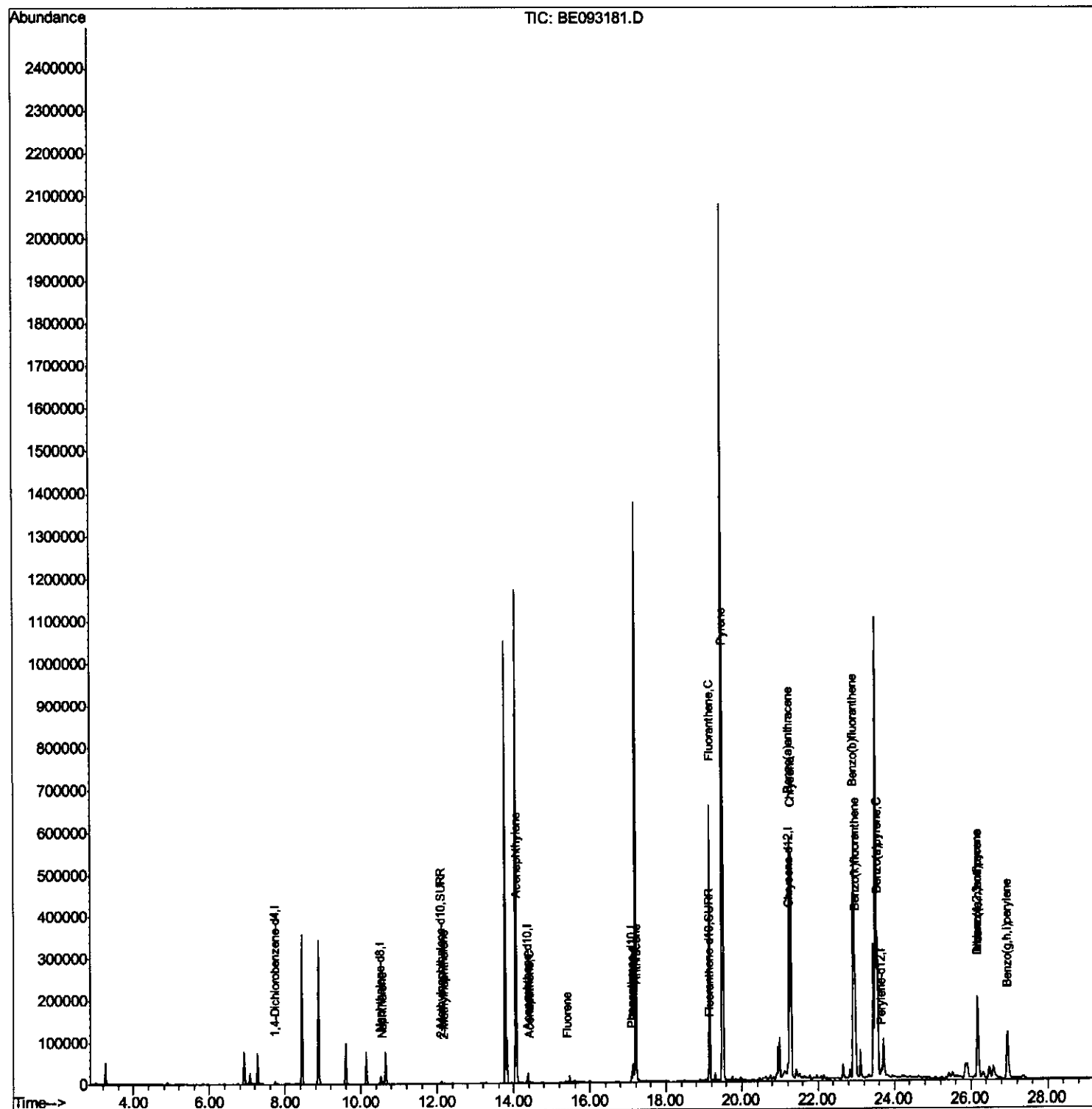
Data File : BE093181.D
Acq On : 14 Jun 2017 22:15
Operator : SJ/MA
Sample : I3521-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C00

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:32 PM

Quant Time: Jun 15 04:18:26 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093181.D

Acq On : 14 Jun 2017 22:15

Operator : SJ/MA

Sample : I3521-13

Misc :

ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C00

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:32 PM

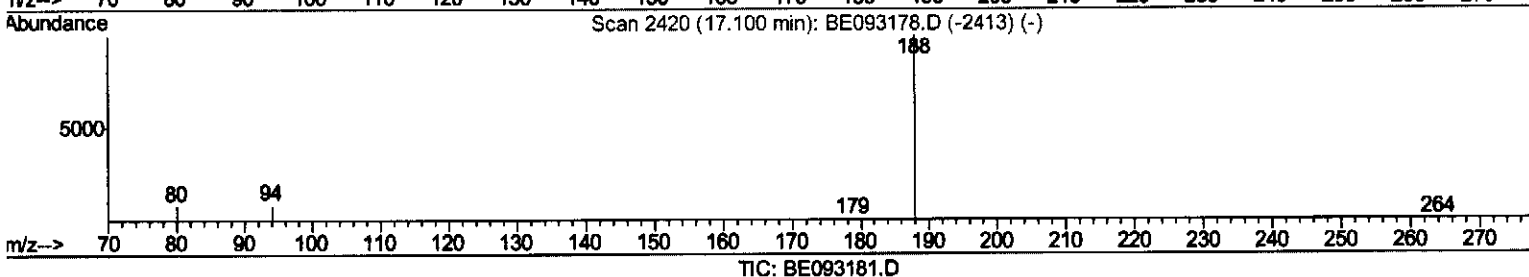
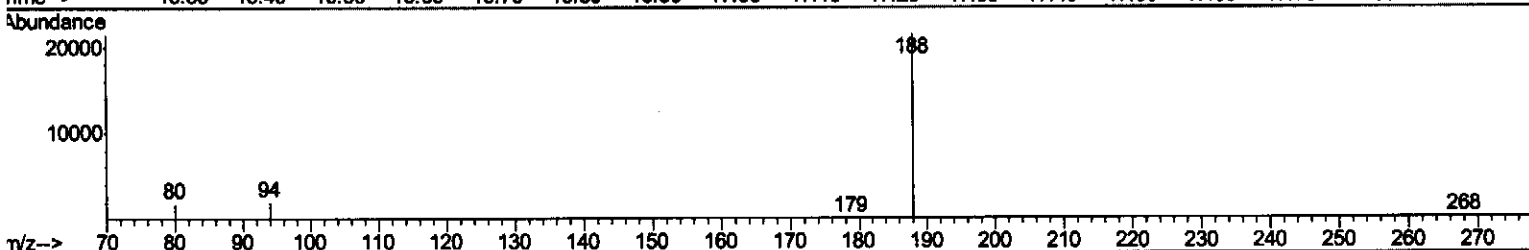
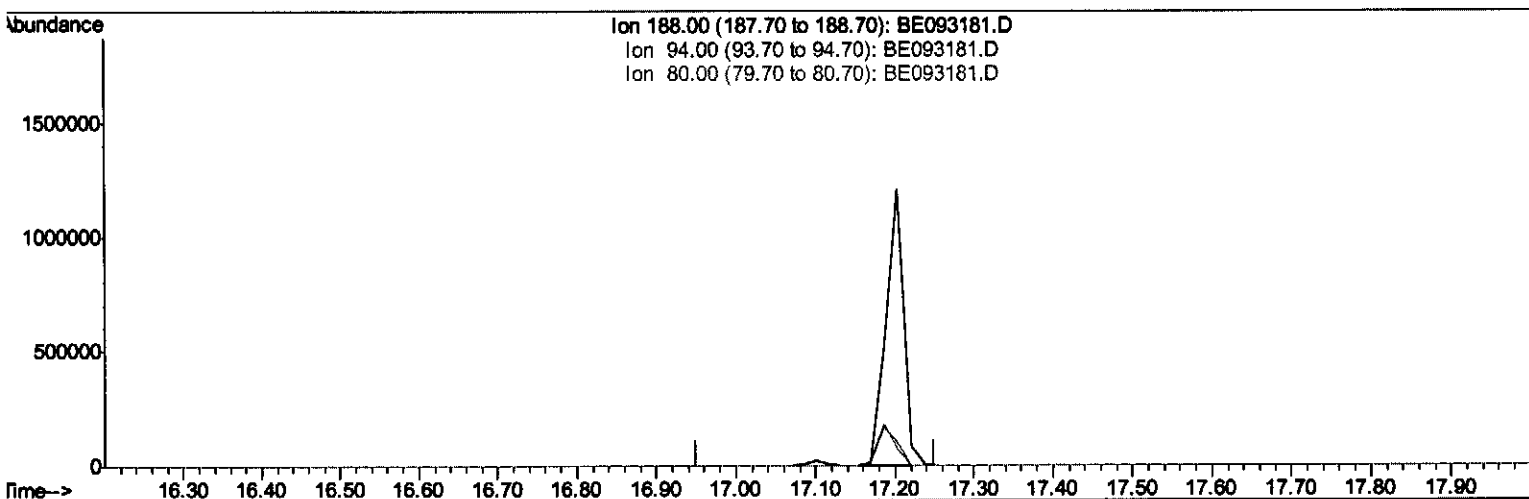
Quant Time: Jun 15 04:00:13 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

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(10) Phenanthrene-d10 (l)

17.100min (-17.100) 0.00ng/ul

response 0

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

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Operator : SJ/MA

Sample : I3521-13

Misc :

ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C00

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:32 PM

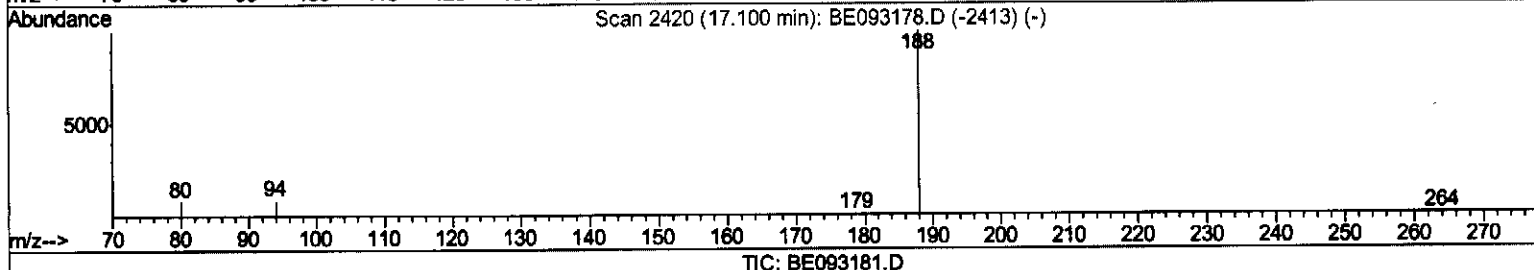
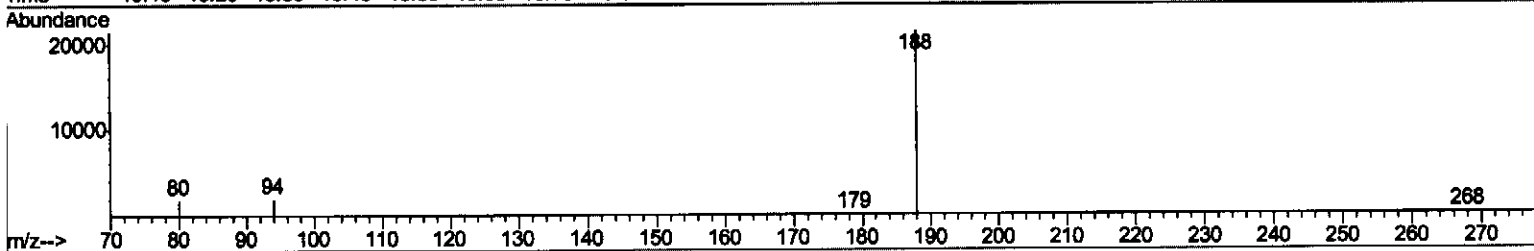
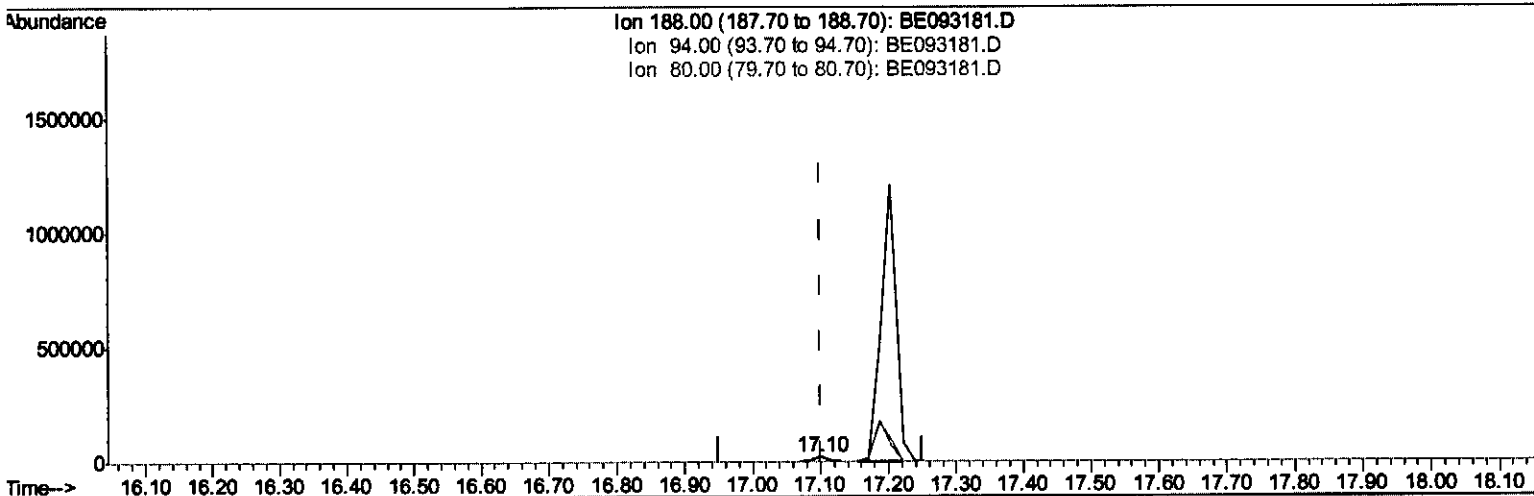
Quant Time: Jun 15 04:00:13 2017

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TIC: BE093181.D

(10) Phenanthrene-d10 (I)

17.100min (-0.000) 0.40ng/ul m

response 29072

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.23
80.00	11.80	8.82#
0.00	0.00	0.00

> $\frac{53}{0.012117}$

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093181.D

Acq On : 14 Jun 2017 22:15

Operator : SJ/MA

Sample : I3521-13

Misc :

ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C00

Manual Integrations

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6/15/2017 3:53:32 PM

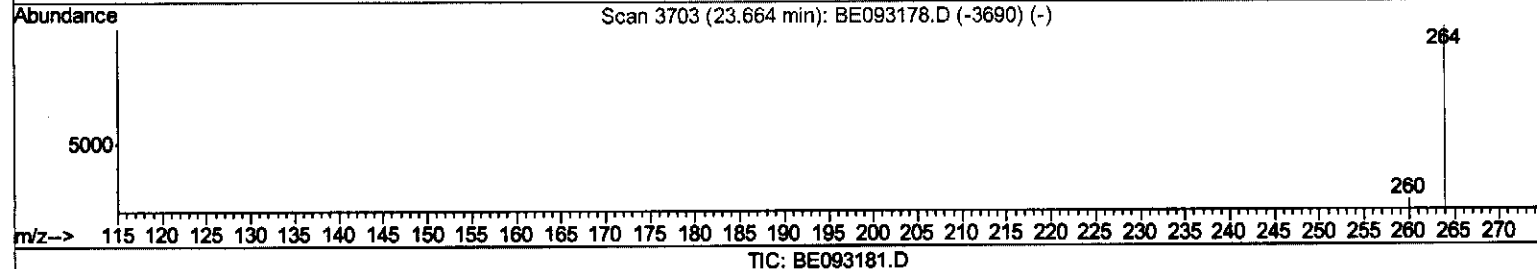
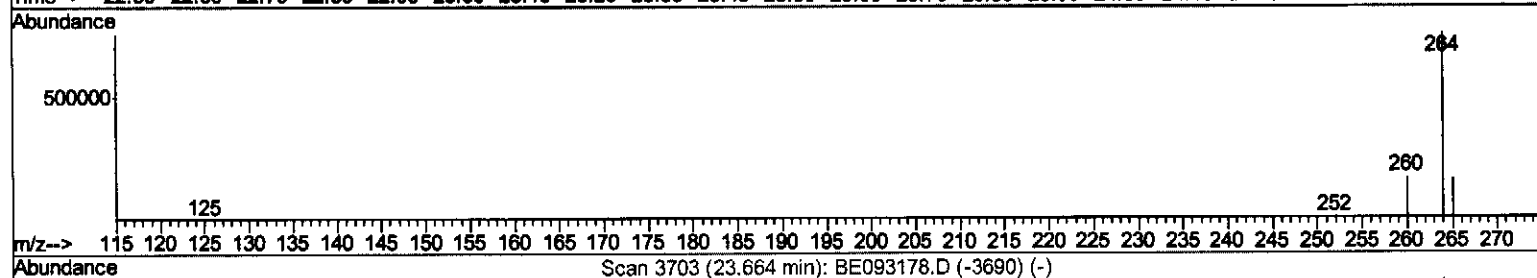
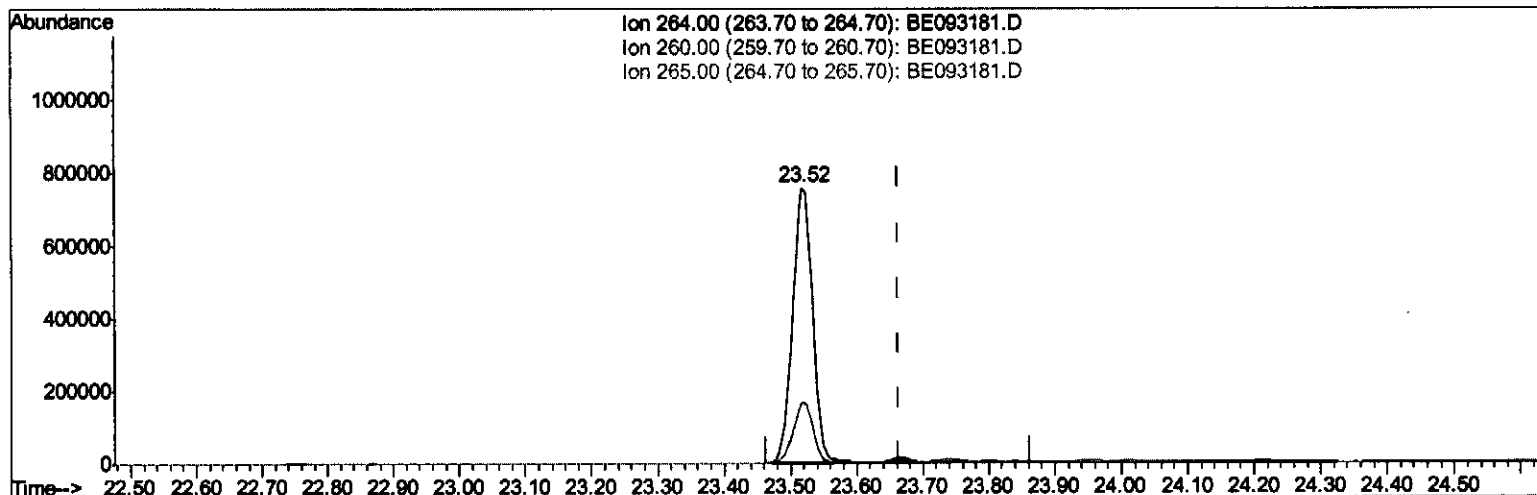
Quant Time: Jun 15 04:00:13 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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(20) Perylene-d12 (I)

23.518min (-0.146) 0.40ng/ui

response 1573888

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.17#
265.00	103.50	21.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Quantitation Report (Qedit)

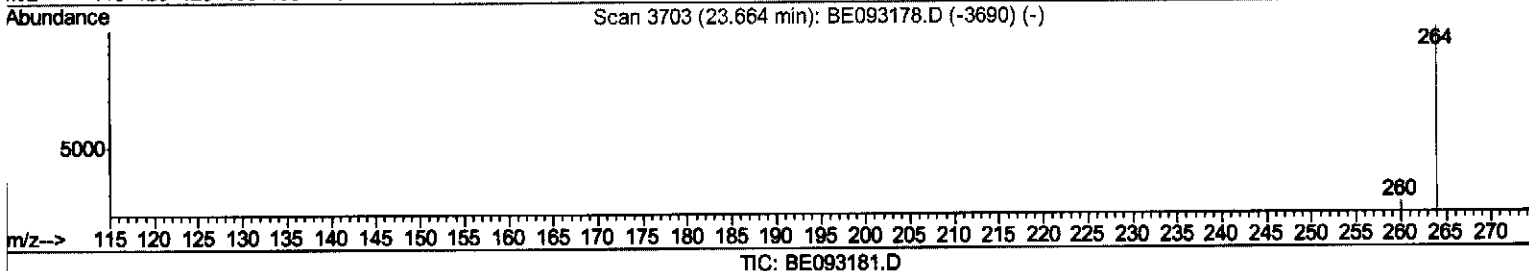
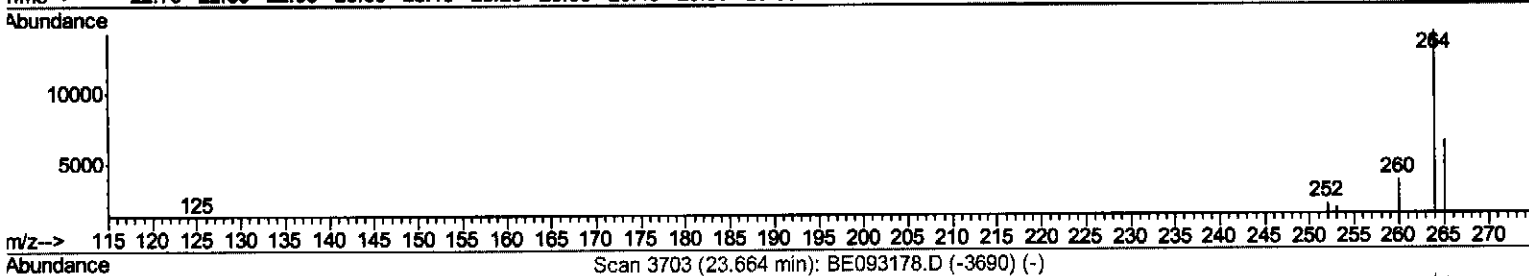
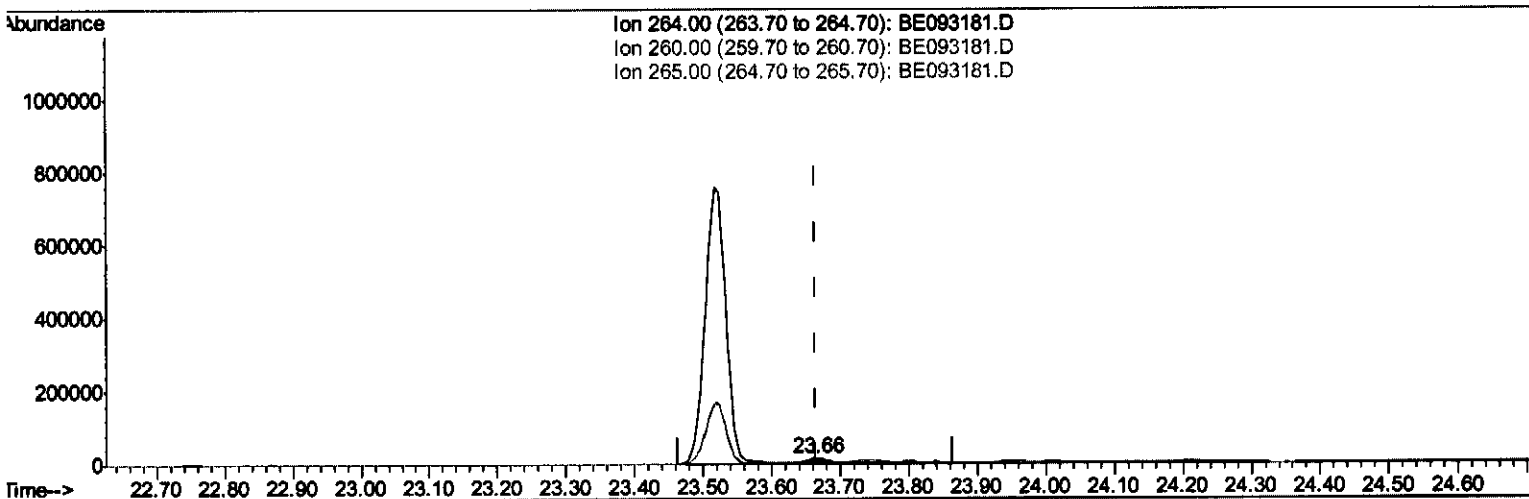
Data File : BE093181.D
Acq On : 14 Jun 2017 22:15
Operator : SJ/MA
Sample : I3521-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C00

Manual Integrations
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Response via : Initial Calibration



(20) Perylene-d12 (I)

23.664min (+0.000) 0.40ng/ul m

response 23419

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.25
265.00	103.50	45.40#
0.00	0.00	0.00

> SJ
06/21/17

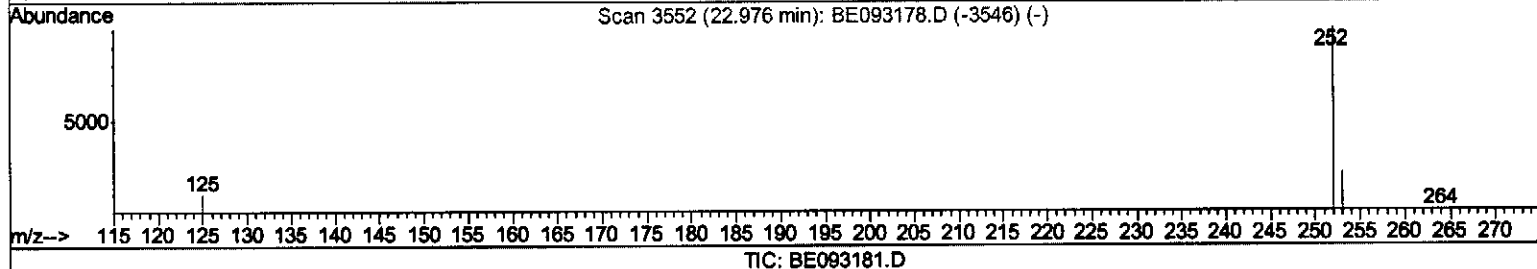
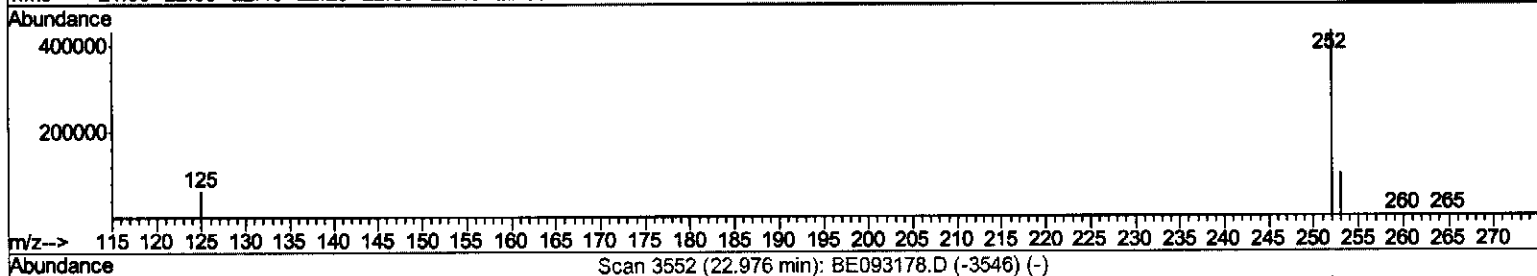
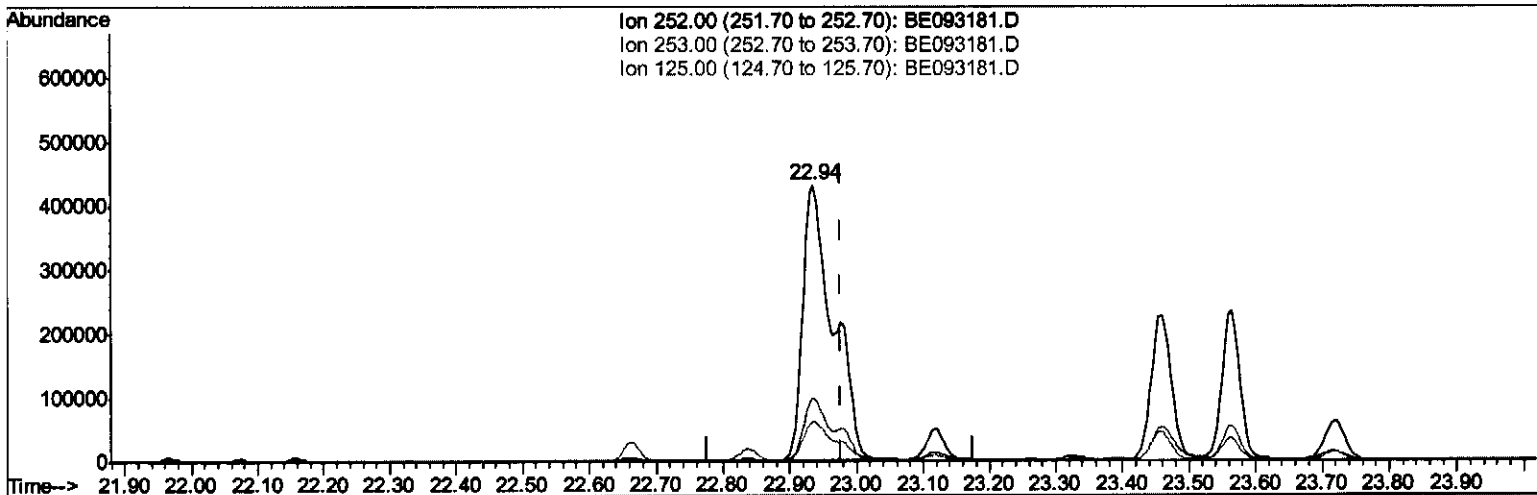
Data File : BE093181.D
Acq On : 14 Jun 2017 22:15
Operator : SJ/MA
Sample : I3521-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C00

Manual Integrations
APPROVED

mohammad
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Quant Time: Jun 15 04:17:20 2017
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(22) Benzo(k)fluoranthene

22.935min (-0.041) 17.85ng/ul

response 1347606

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.03#
125.00	17.10	14.43
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093181.D

Acq On : 14 Jun 2017 22:15

Operator : SJ/MA

Sample : I3521-13

Misc :

ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C00

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:32 PM

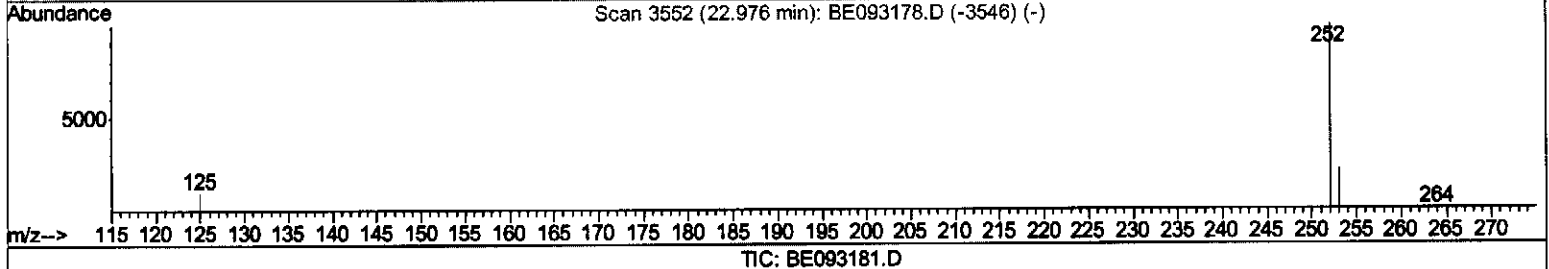
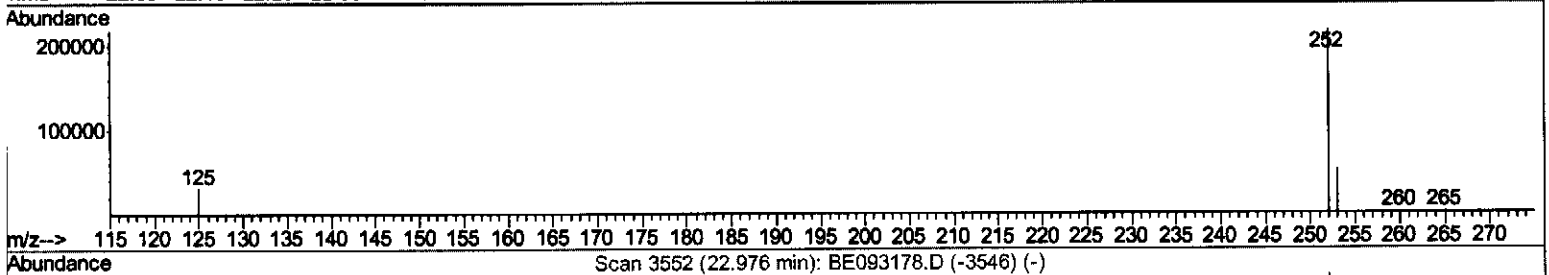
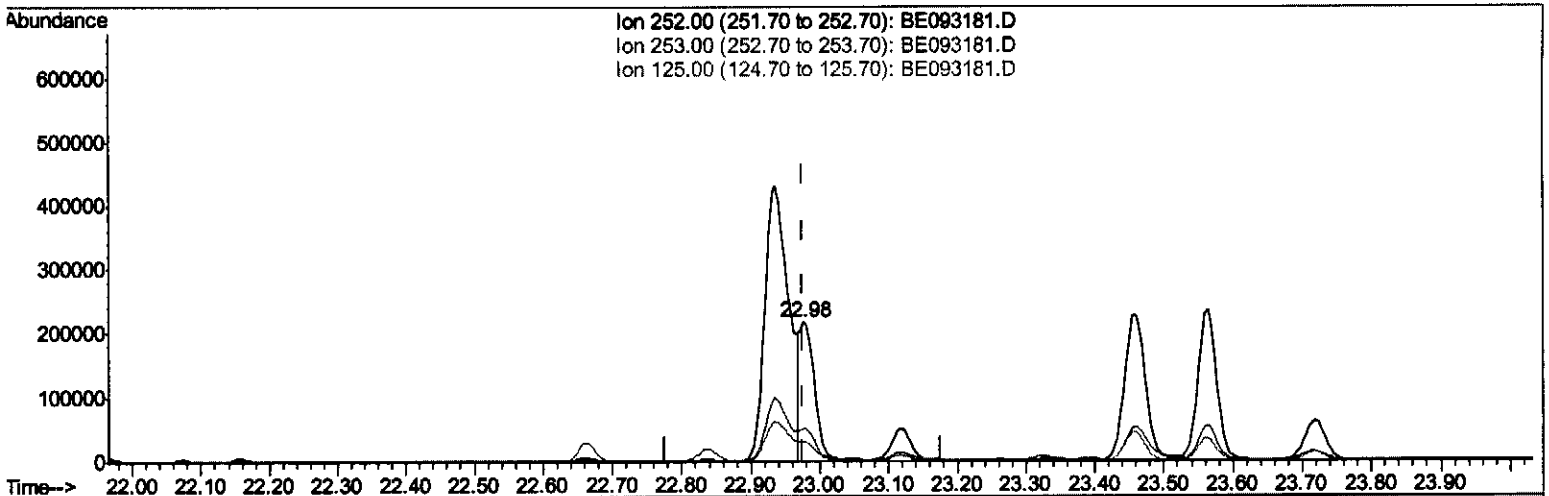
Quant Time: Jun 15 04:17:20 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.976min (+0.000) 4.23ng/ul m

response 318982

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.78#
125.00	17.10	14.43
0.00	0.00	0.00

> $\frac{SJ}{06/21/17}$

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093181.D

Acq On : 14 Jun 2017 22:15

Operator : SJ/MA

Sample : I3521-13

Misc :

ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C00

Manual Integrations
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mohammad
6/15/2017 3:53:32 PM

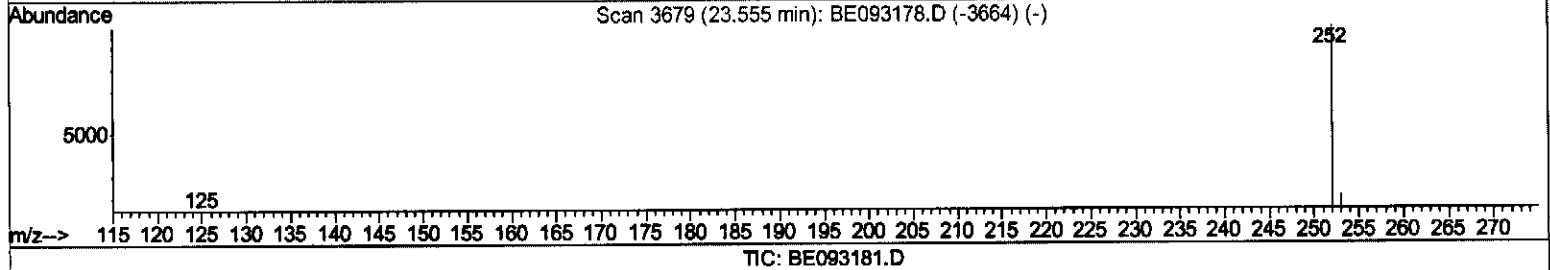
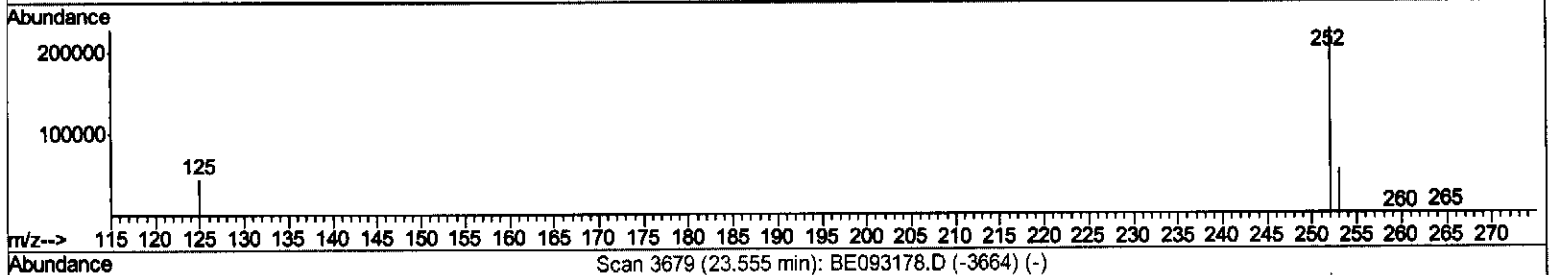
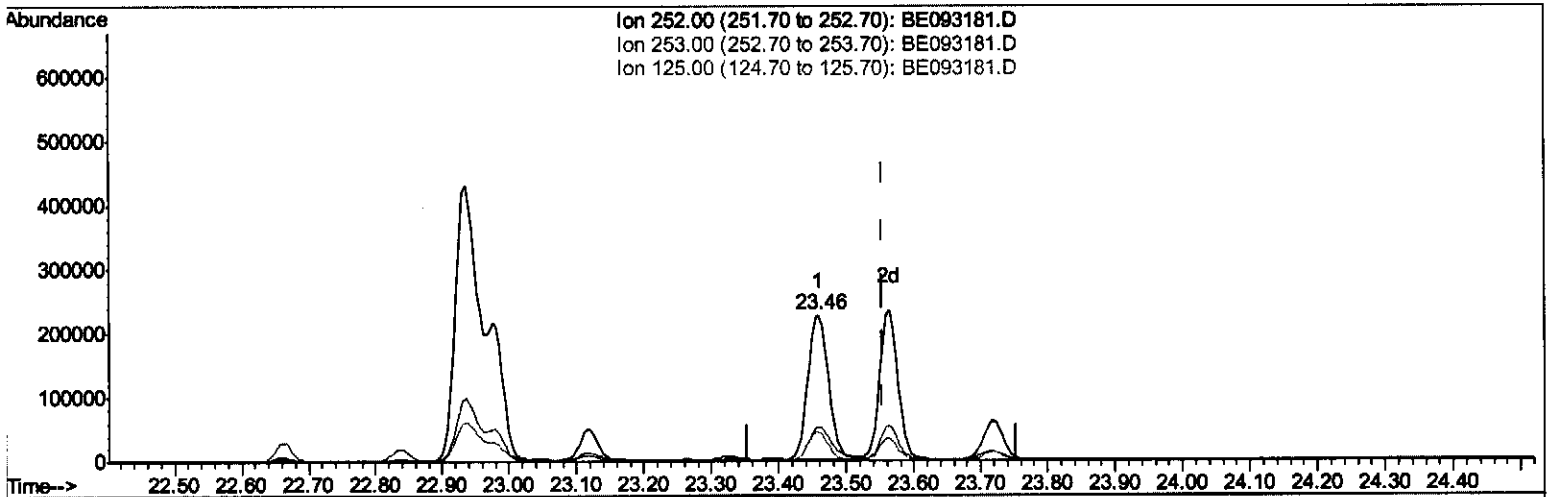
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QLast Update : Thu Jun 15 03:59:13 2017

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(23) Benzo(a)pyrene (C)

23.459min (-0.095) 7.19ng/ul

response 482843

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.33#
125.00	22.60	19.62
0.00	0.00	0.00

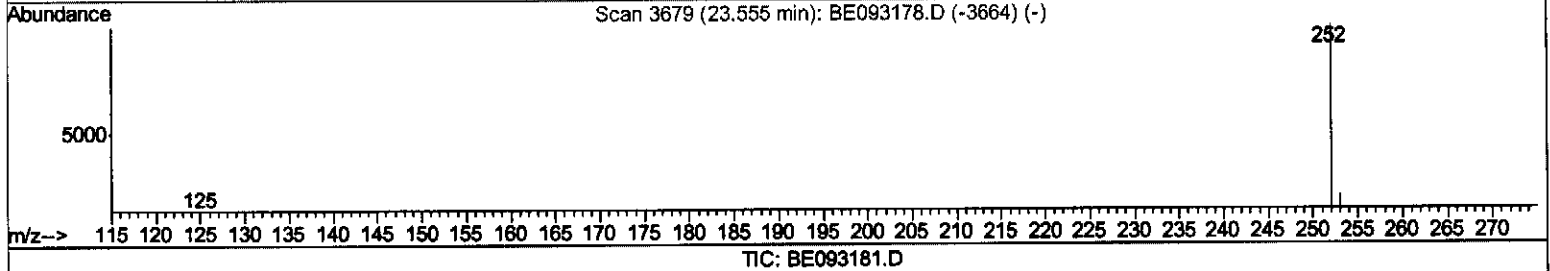
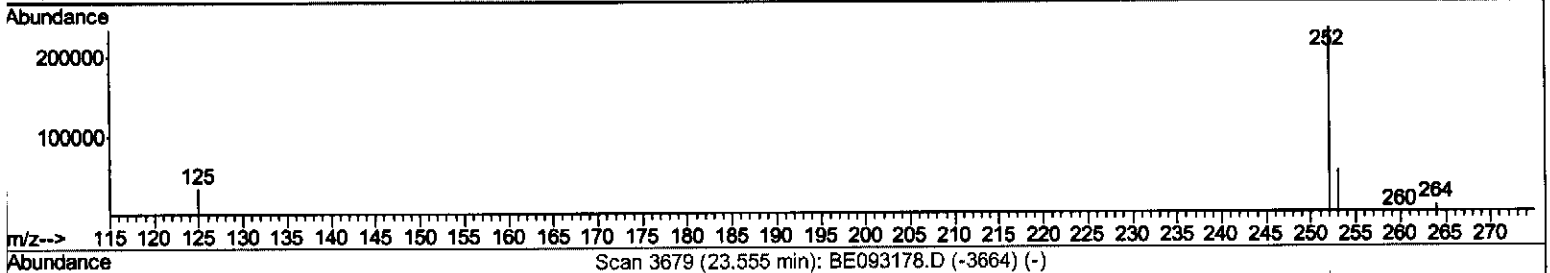
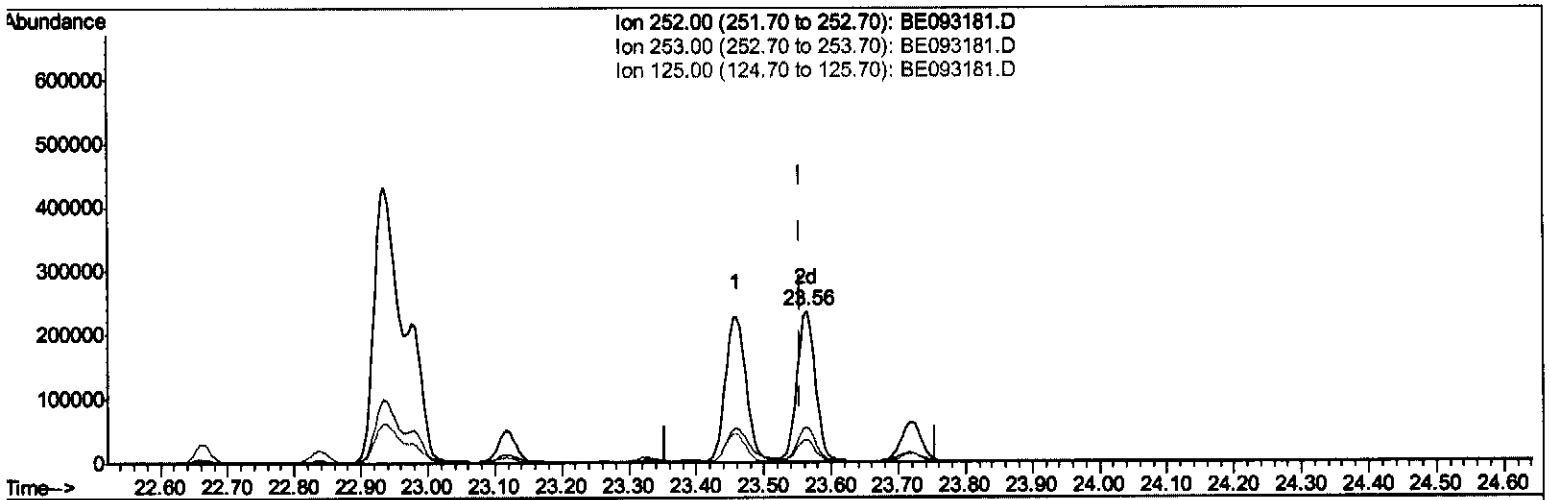
Data File : BE093181.D
Acq On : 14 Jun 2017 22:15
Operator : SJ/MA
Sample : I3521-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C00

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:32 PM

Quant Time: Jun 15 04:17:20 2017
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(23) Benzo(a)pyrene (C)

23.564min (+0.009) 6.64ng/ul m

response 446105

> $\frac{SJ}{06/21/17}$

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.40#
125.00	22.60	14.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

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Operator : SJ/MA

Sample : I3521-13

Misc :

ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C00

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:32 PM

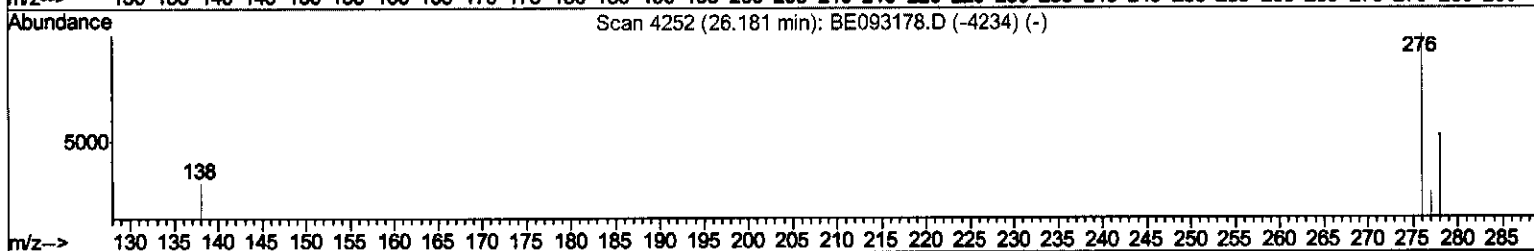
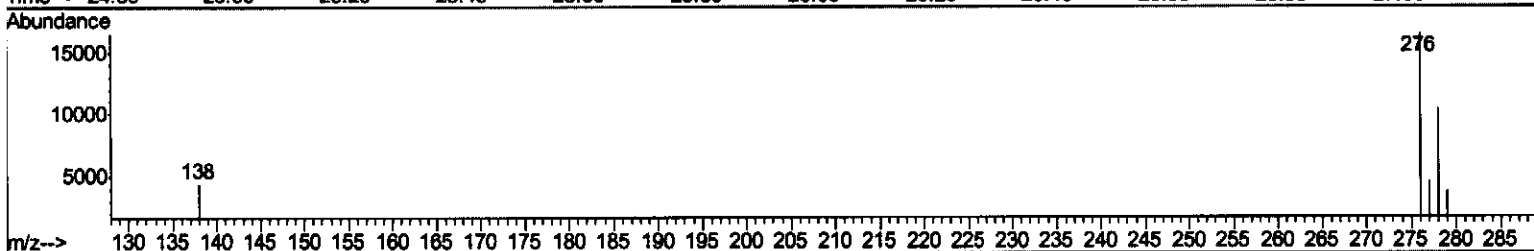
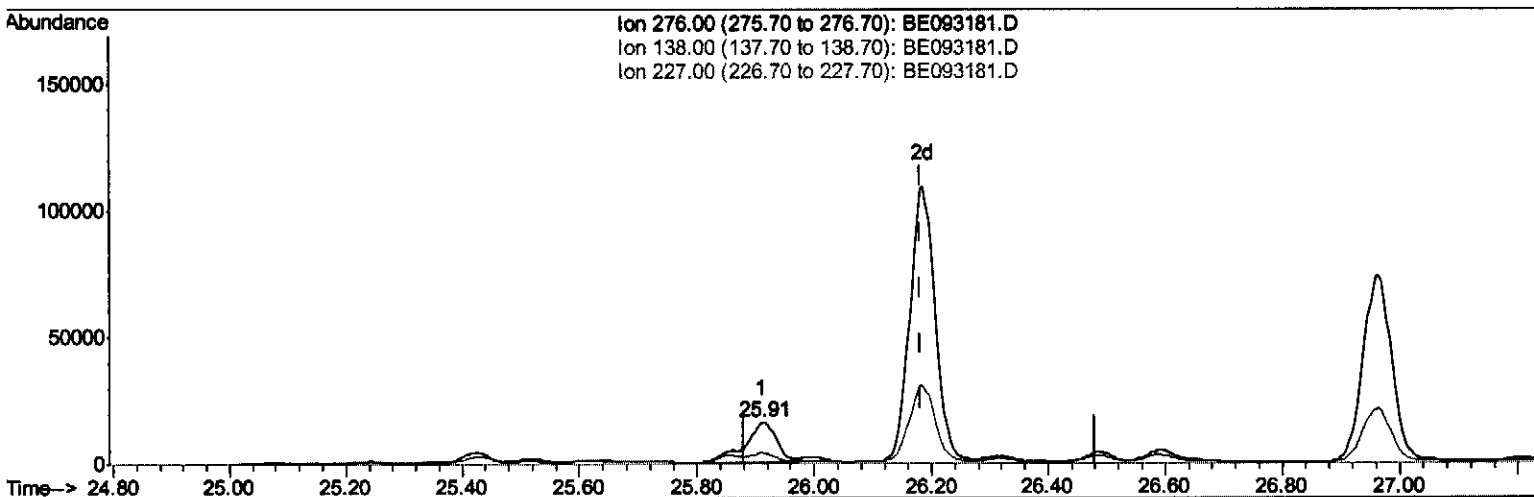
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TIC: BE093181.D

(24) Indeno(1,2,3-cd)pyrene

25.912min (-0.269) 0.79ng/ul

response 61749

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	16.25#
227.00	10.00	0.00#
0.00	0.00	0.00

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Sample : I3521-13

Misc :

ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C00

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:32 PM

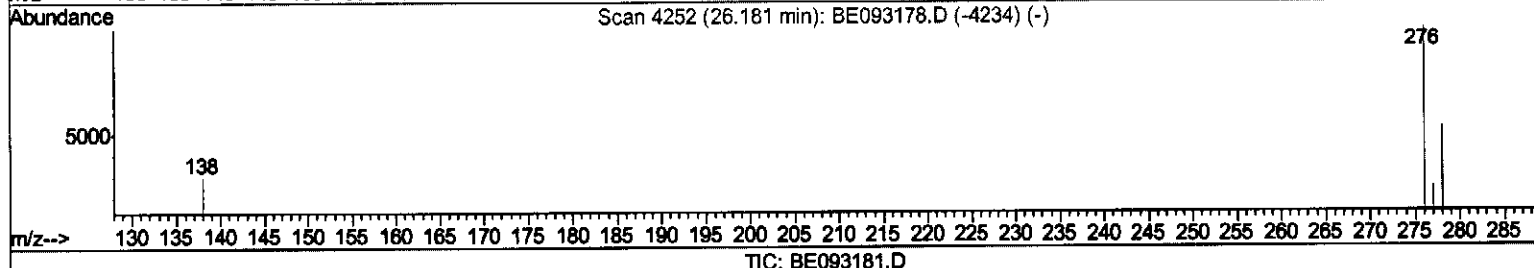
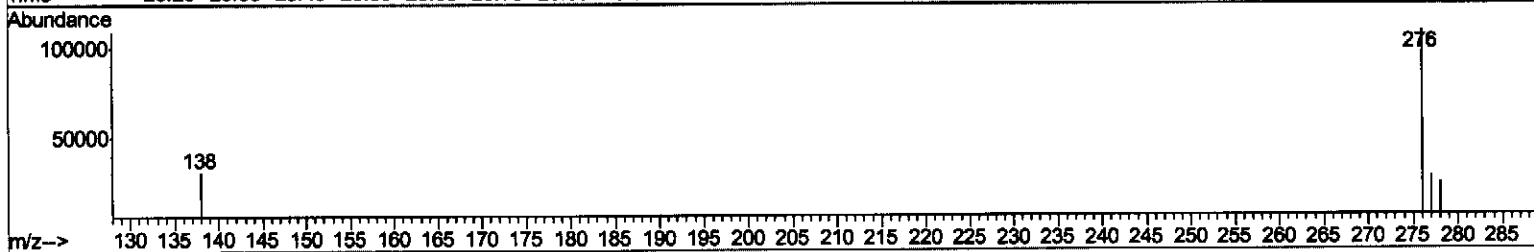
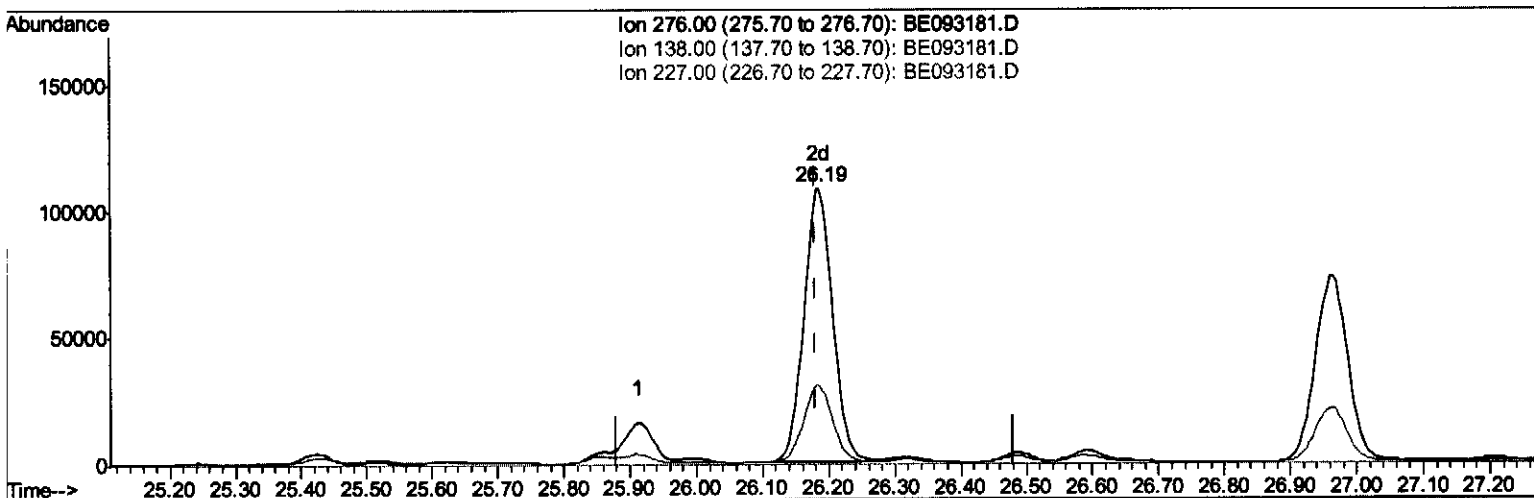
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TIC: BE093181.D

(24) Indeno(1,2,3-cd)pyrene

26.185min (+0.005) 4.14ng/ul m

response 321949

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.12#
227.00	10.00	0.00#
0.00	0.00	0.00

> SJ
06/21/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3958	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20111	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12616	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	29072m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	29947	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	23419m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	9029	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	23988	0.30	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	7826	0.16	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	1764	0.05	ng/ul	97
7) Acenaphthylene	14.08	152	52827	0.98	ng/ul	96
8) Acenaphthene	14.43	153	1493	0.03	ng/ul#	92
9) Fluorene	15.42	166	1936	0.04	ng/ul#	87
12) Phenanthrene	17.13	178	49039	0.61	ng/ul#	86
13) Anthracene	17.22	178	69184	0.99	ng/ul#	86
15) Fluoranthene	19.16	202	711898	7.26	ng/ul	83
17) Pyrene	19.52	202	888955	10.07	ng/ul#	86
18) Benzo(a)anthracene	21.25	228	480863	6.02	ng/ul#	85
19) Chrysene	21.30	228	610093	7.36	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1035849	14.58	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	318982m	4.23	ng/ul	
23) Benzo(a)pyrene	23.56	252	446105m	6.64	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	321949m	4.14	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	82724	1.26	ng/ul	92
26) Benzo(g,h,i)perylene	26.96	276	251734	3.77	ng/ul	97

SS
06/21/18

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