

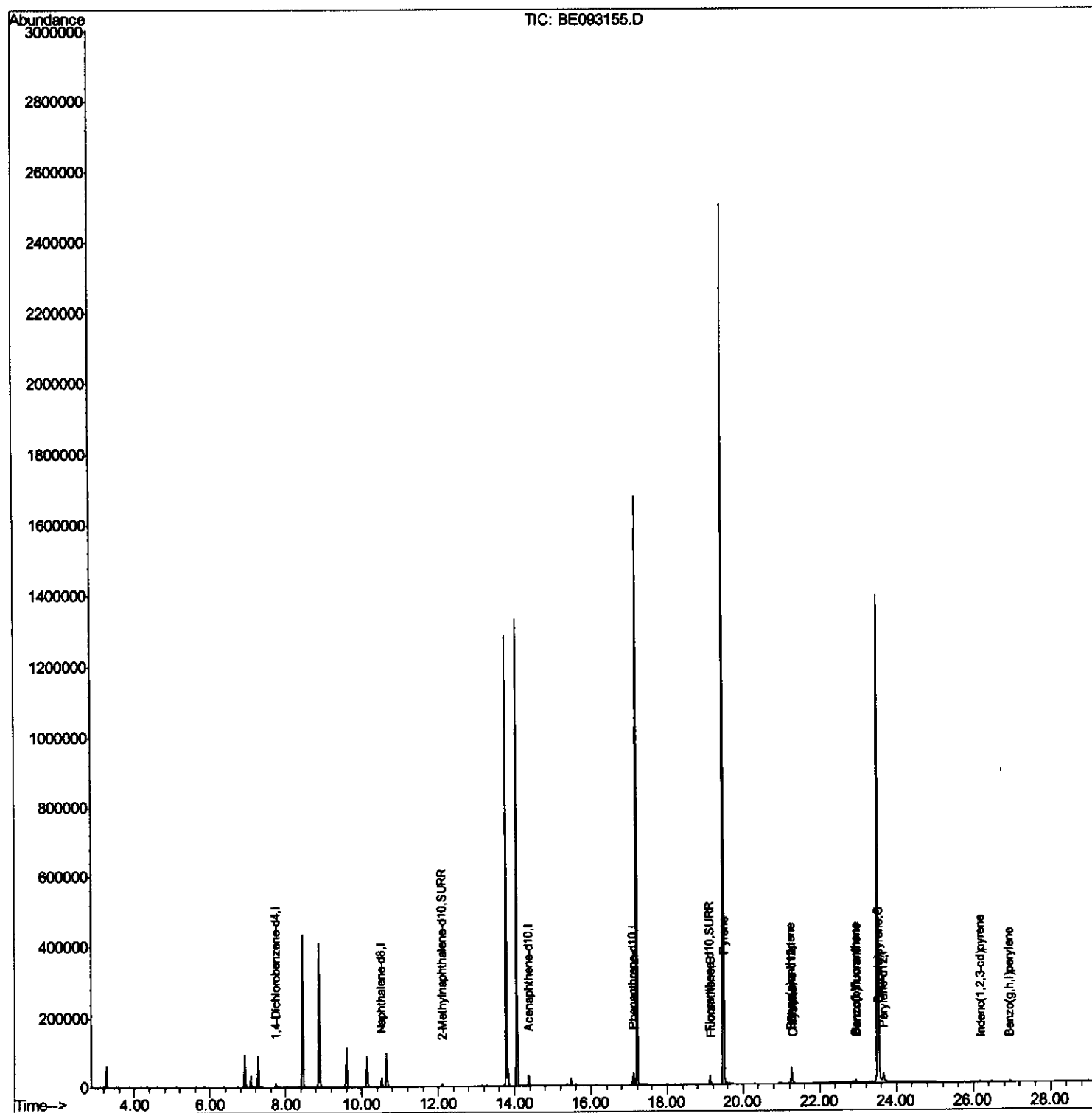
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093155.D
Acq On : 14 Jun 2017 6:08
Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B53

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:07 PM

Quant Time: Jun 14 11:36:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



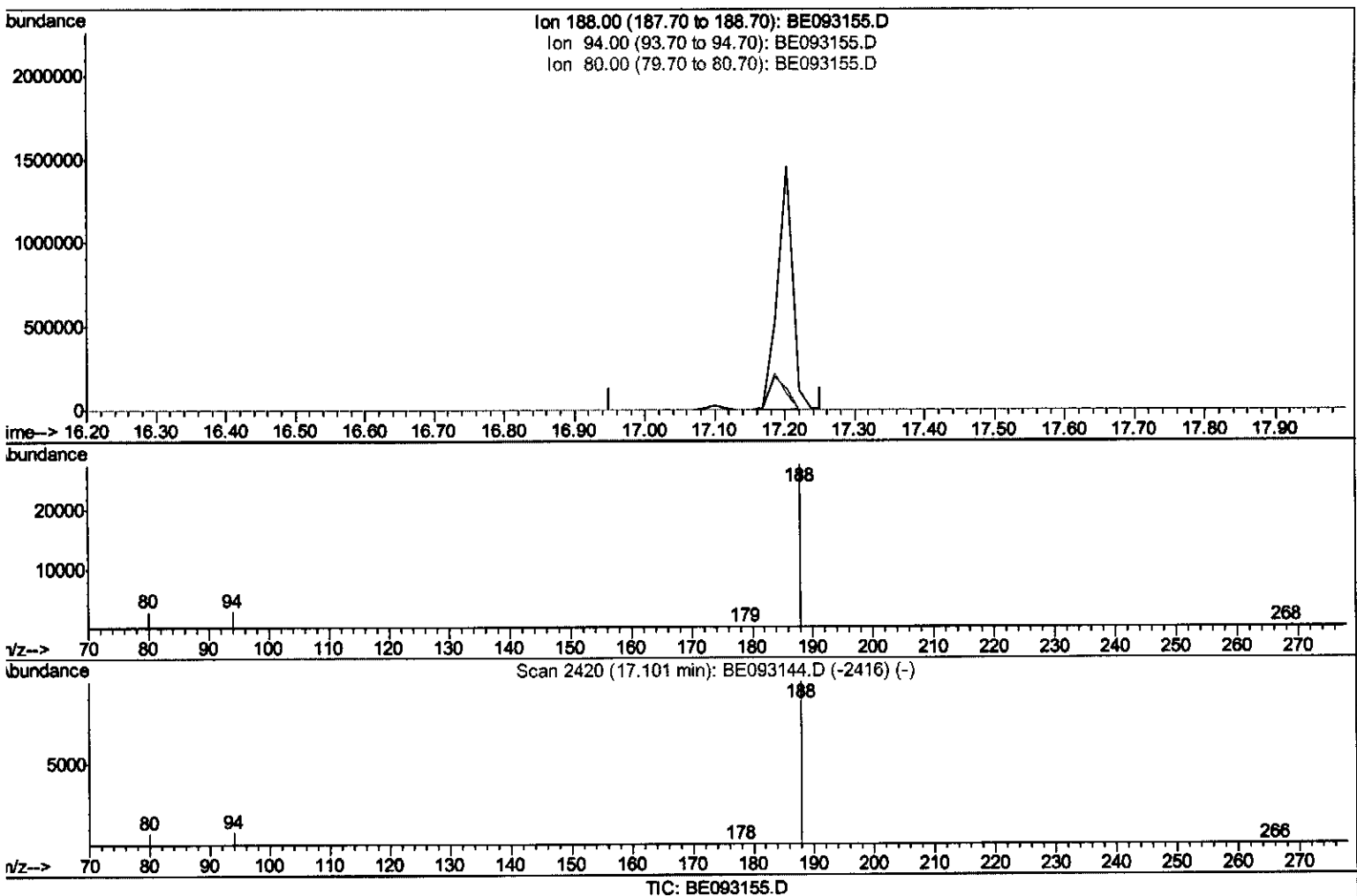
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093155.D
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Operator : SJ/MA
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ClientSampled :
F5B53

Manual Integrations
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mohammad
6/14/2017 3:00:07 PM

Quant Time: Jun 14 11:31:17 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.101min (-17.101) 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

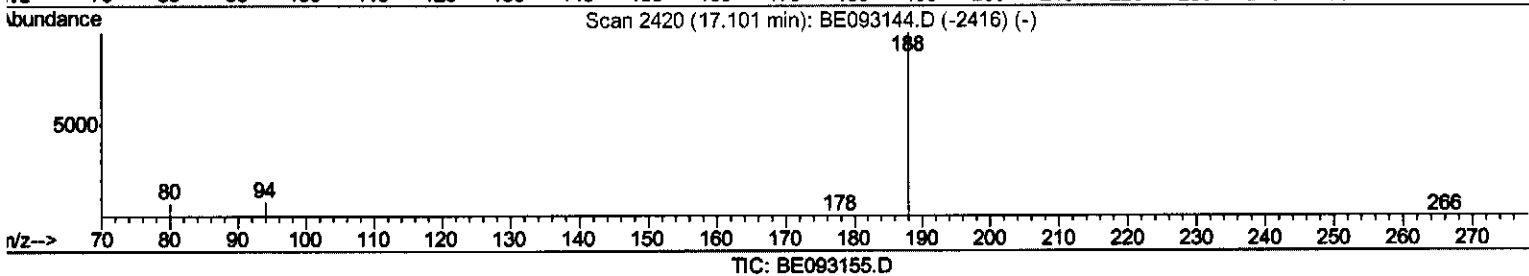
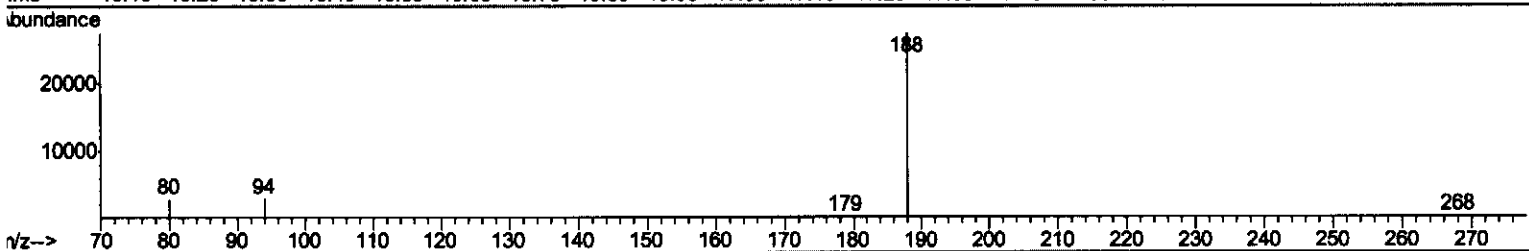
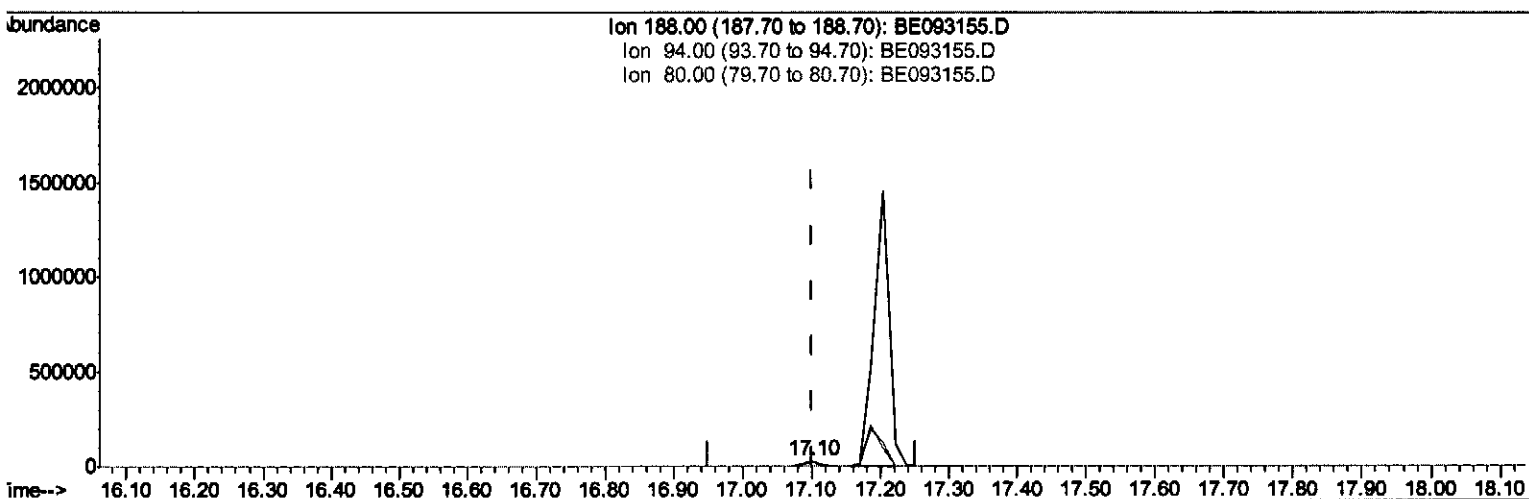
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(10) Phenanthrene-d10 (I)

17.100min (-0.001) 0.40ng/ul m

SJ
6/21/17

response 38838

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.30
80.00	11.80	9.90
0.00	0.00	0.00

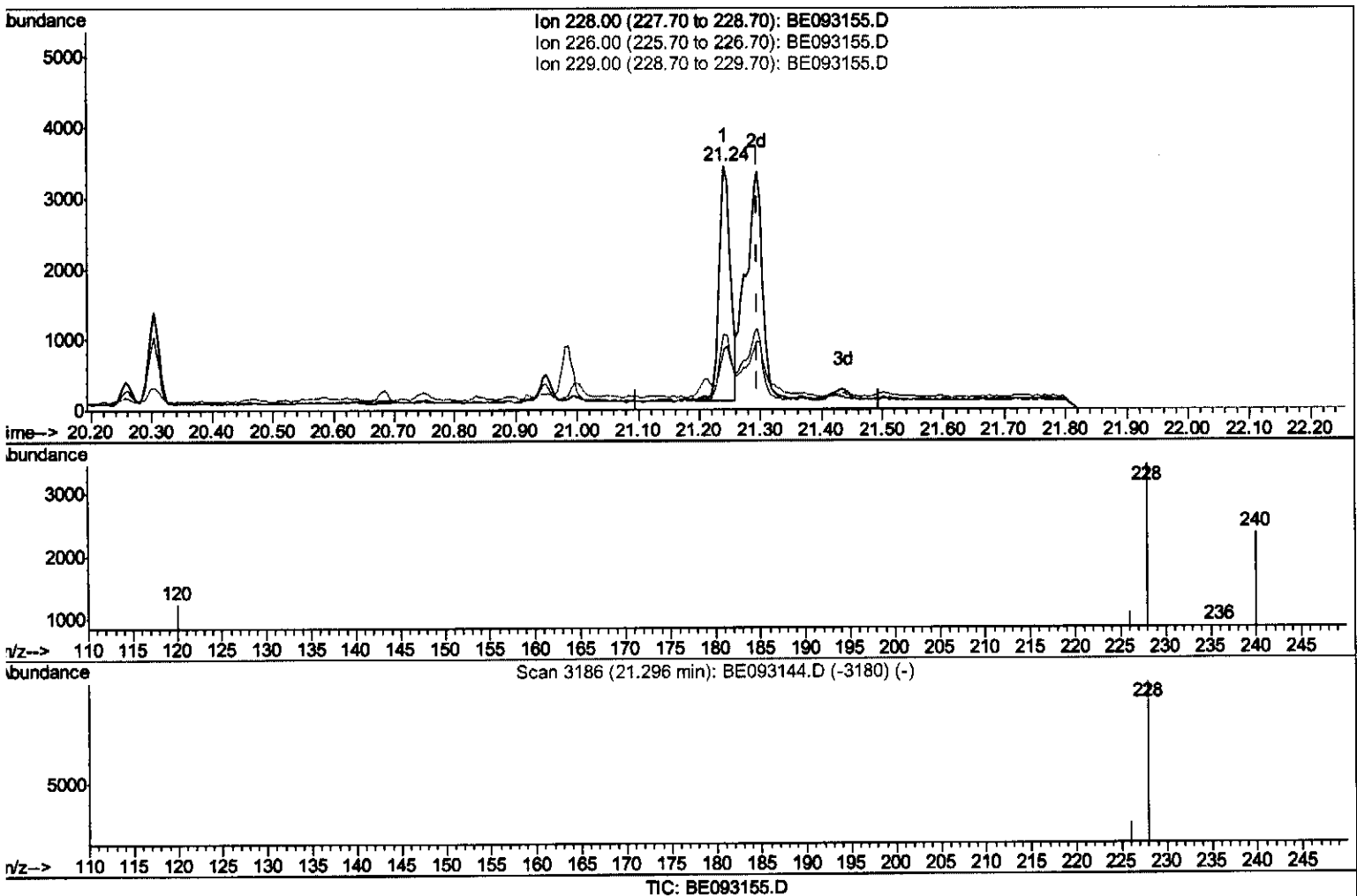
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093155.D
Acq On : 14 Jun 2017 6:08
Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5B53

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:07 PM

Quant Time: Jun 14 11:32:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



(19) Chrysene

21.240min (-0.056) 0.04ng/ul

response 4374

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	30.89
229.00	22.10	24.37
0.00	0.00	0.00

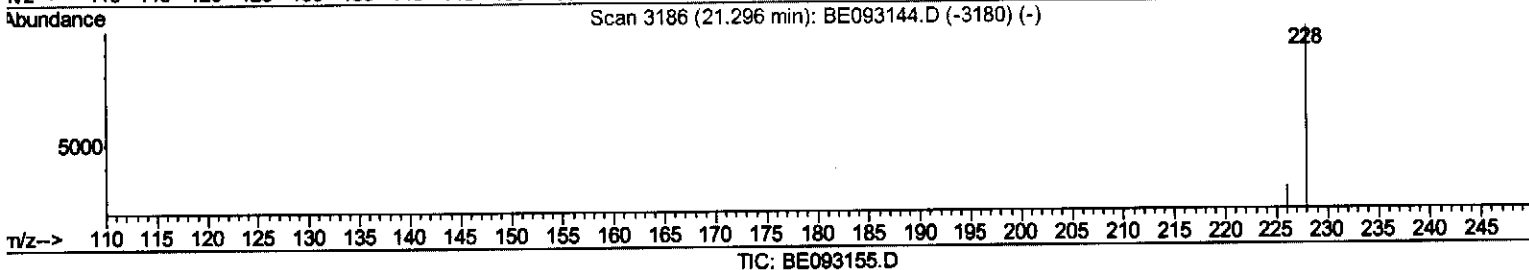
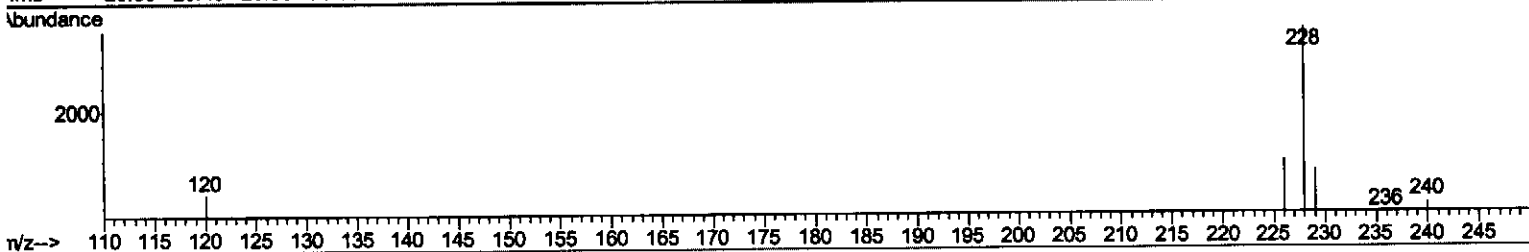
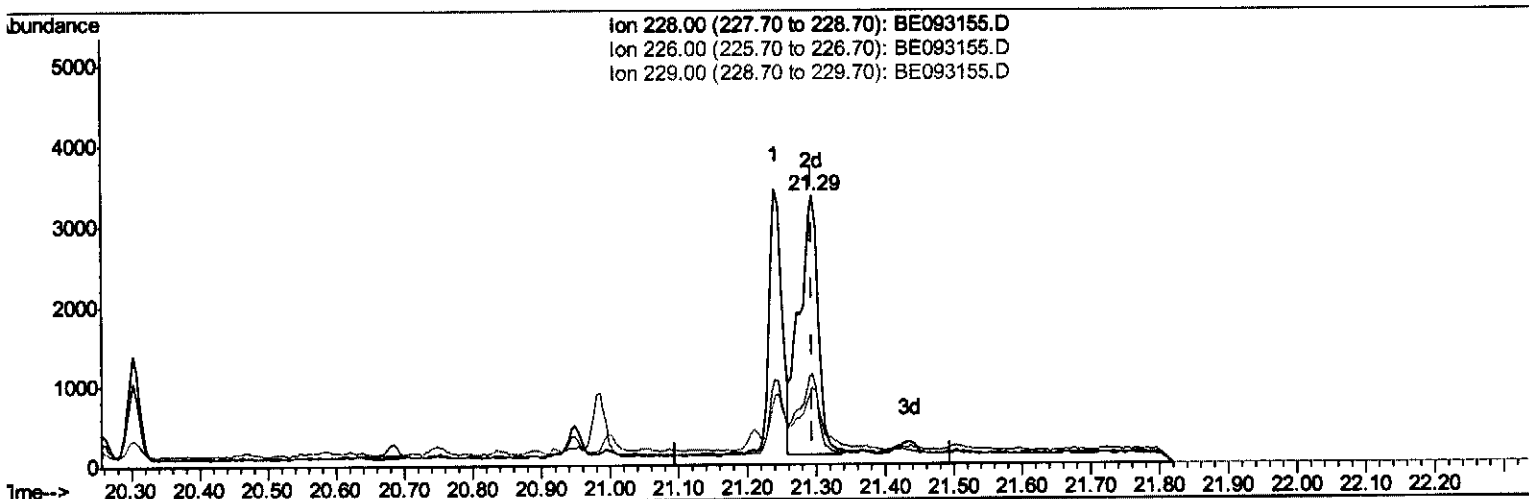
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
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Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
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Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:07 PM

Quant Time: Jun 14 11:32:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



(19) Chrysene

21.295min (-0.001) 0.06ng/ul m

response 6179

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	34.20
229.00	22.10	28.89#
0.00	0.00	0.00

5/24/17

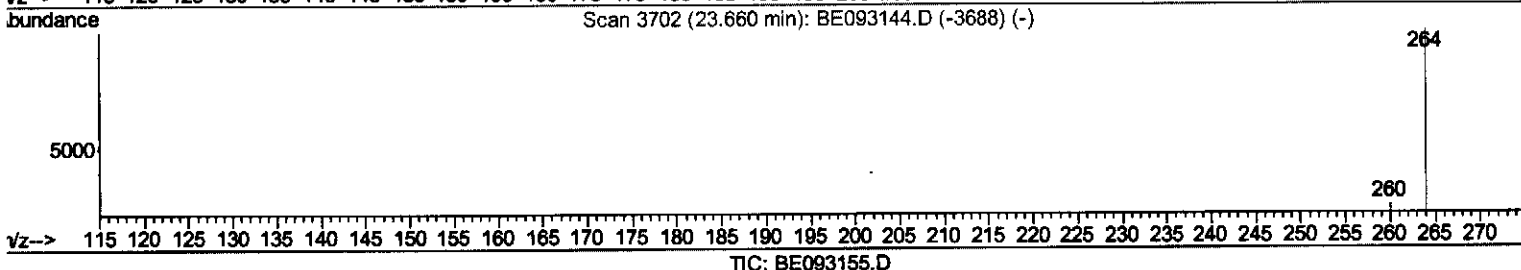
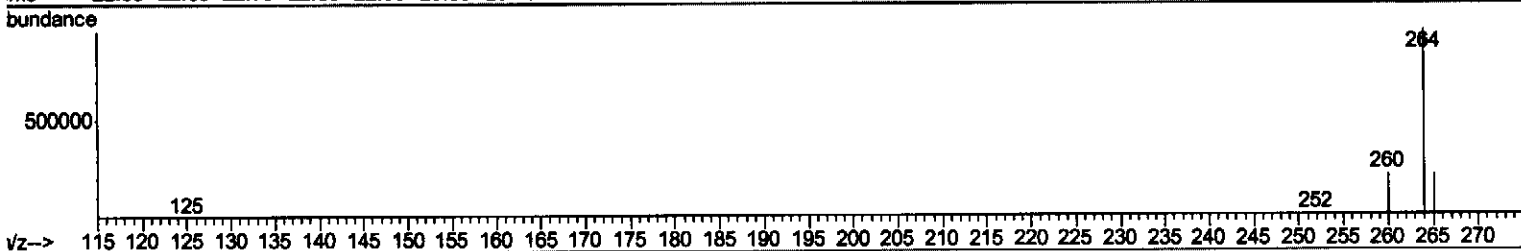
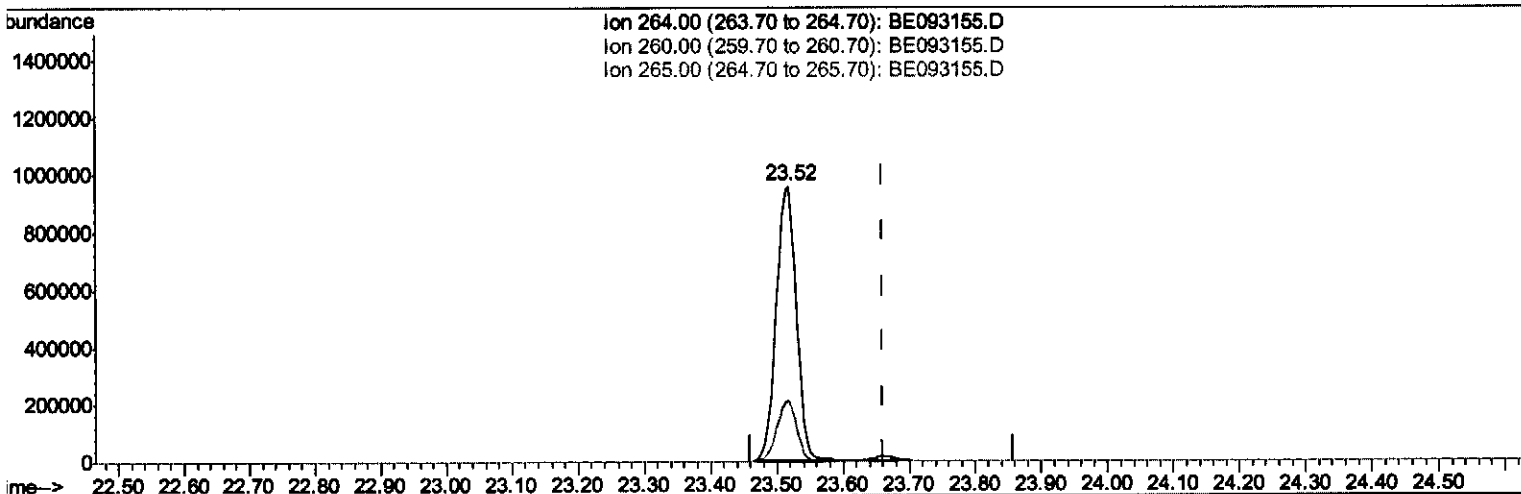
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093155.D
Acq On : 14 Jun 2017 6:08
Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B53

Manual Integrations
APPROVED

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(20) Perylene-d12 (I)

23.518min (-0.142) 0.40ng/ui

response 2015039

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.21#
265.00	103.50	22.02#
0.00	0.00	0.00

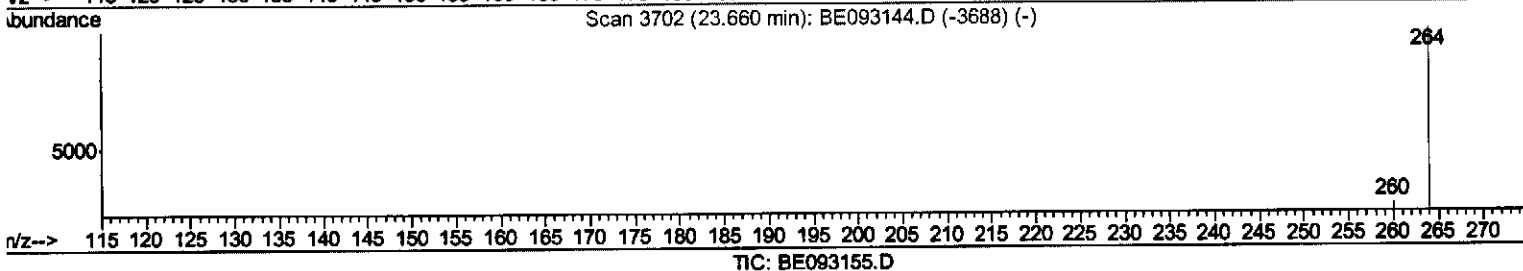
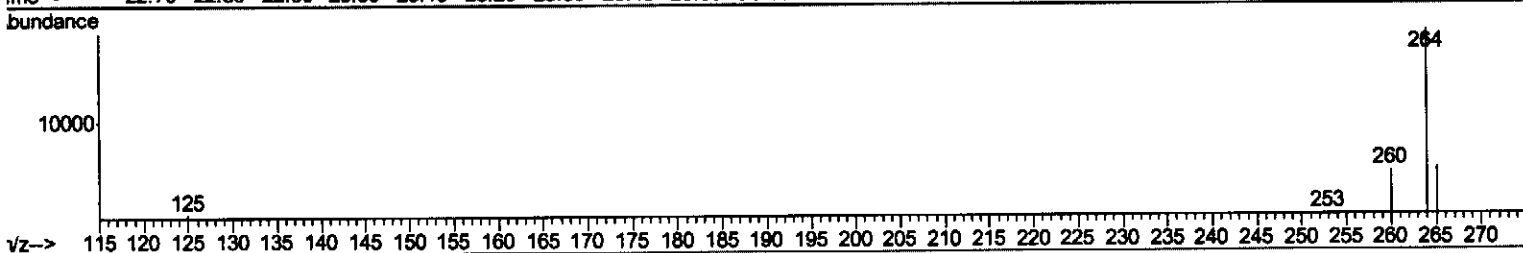
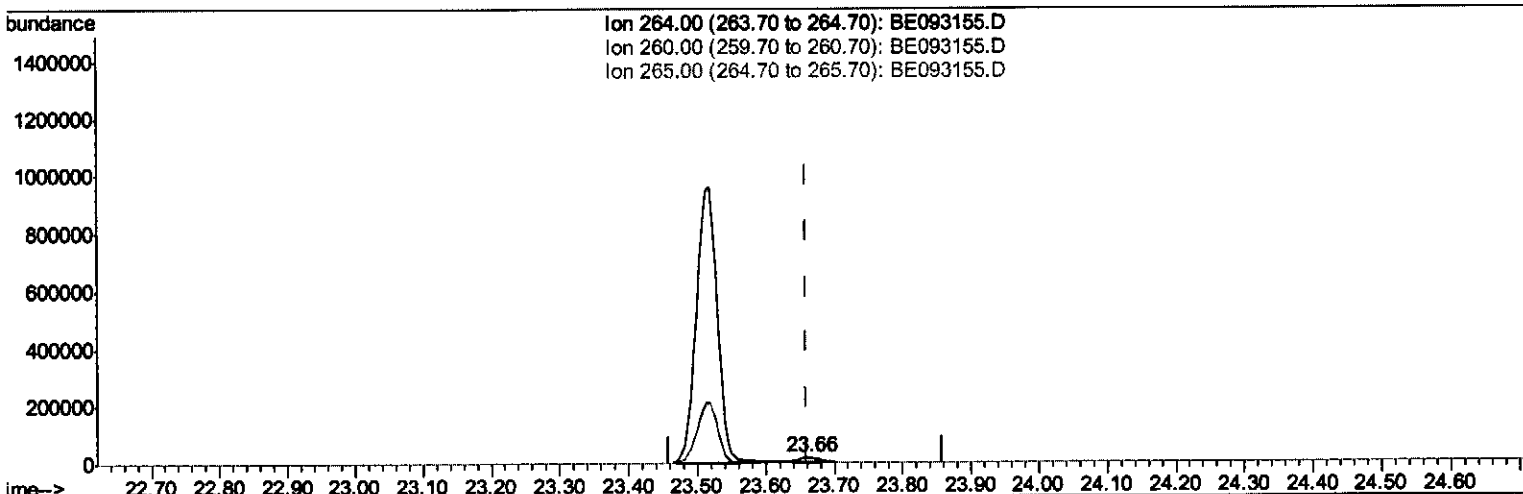
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093155.D
Acq On : 14 Jun 2017 6:08
Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B53

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:07 PM

Quant Time: Jun 14 11:32:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.664min (+0.004) 0.40ng/ul m

SJ 06/21/12

response 32140

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.84
265.00	103.50	26.71#
0.00	0.00	0.00

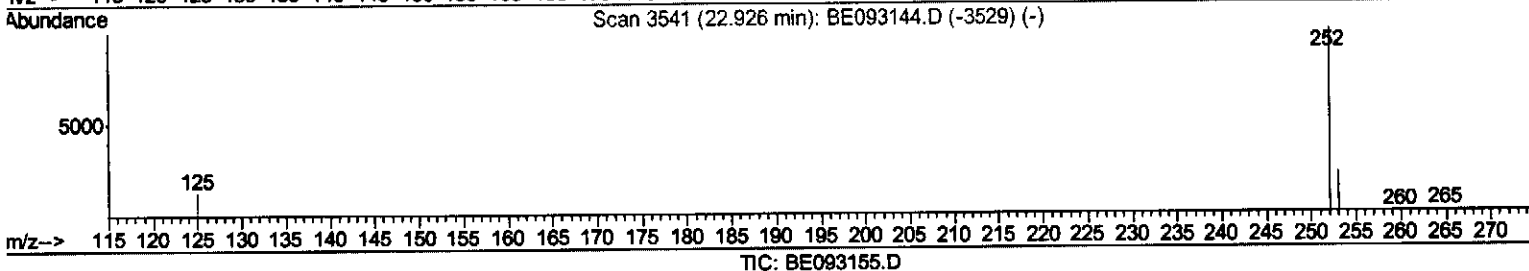
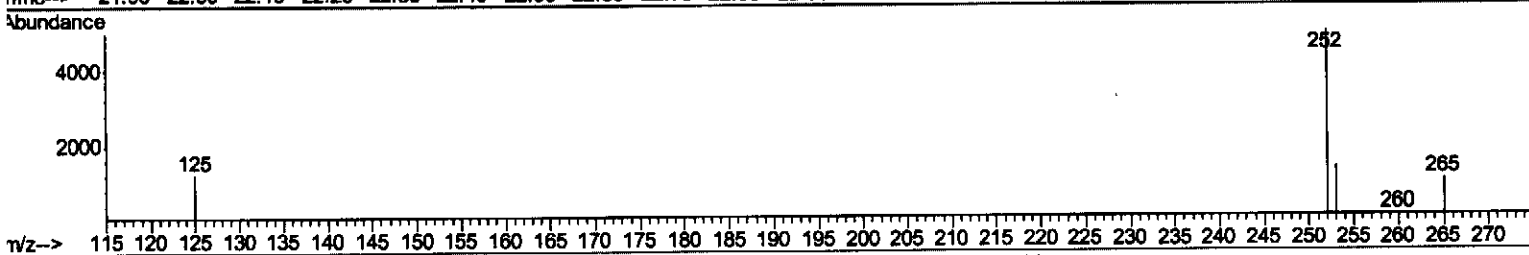
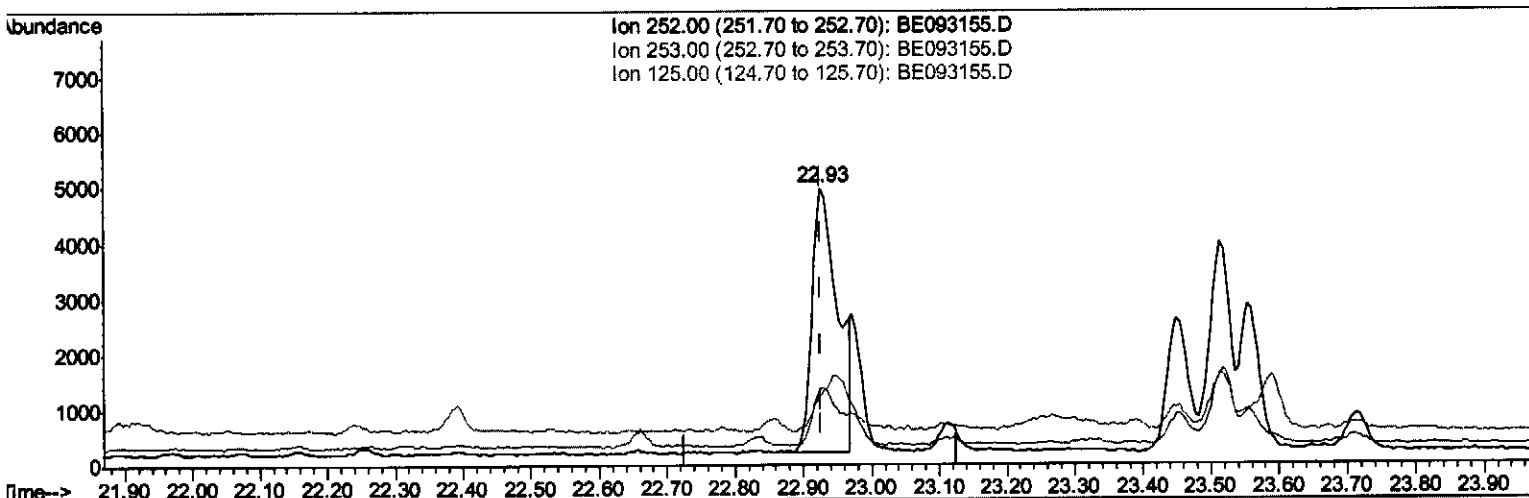
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093155.D
Acq On : 14 Jun 2017 6:08
Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5B53

Manual Integrations
APPROVED

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6/14/2017 3:00:07 PM

Quant Time: Jun 14 11:34:14 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.926min (-0.001) 0.13ng/ul

response 12239

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.52
125.00	17.50	24.83
0.00	0.00	0.00

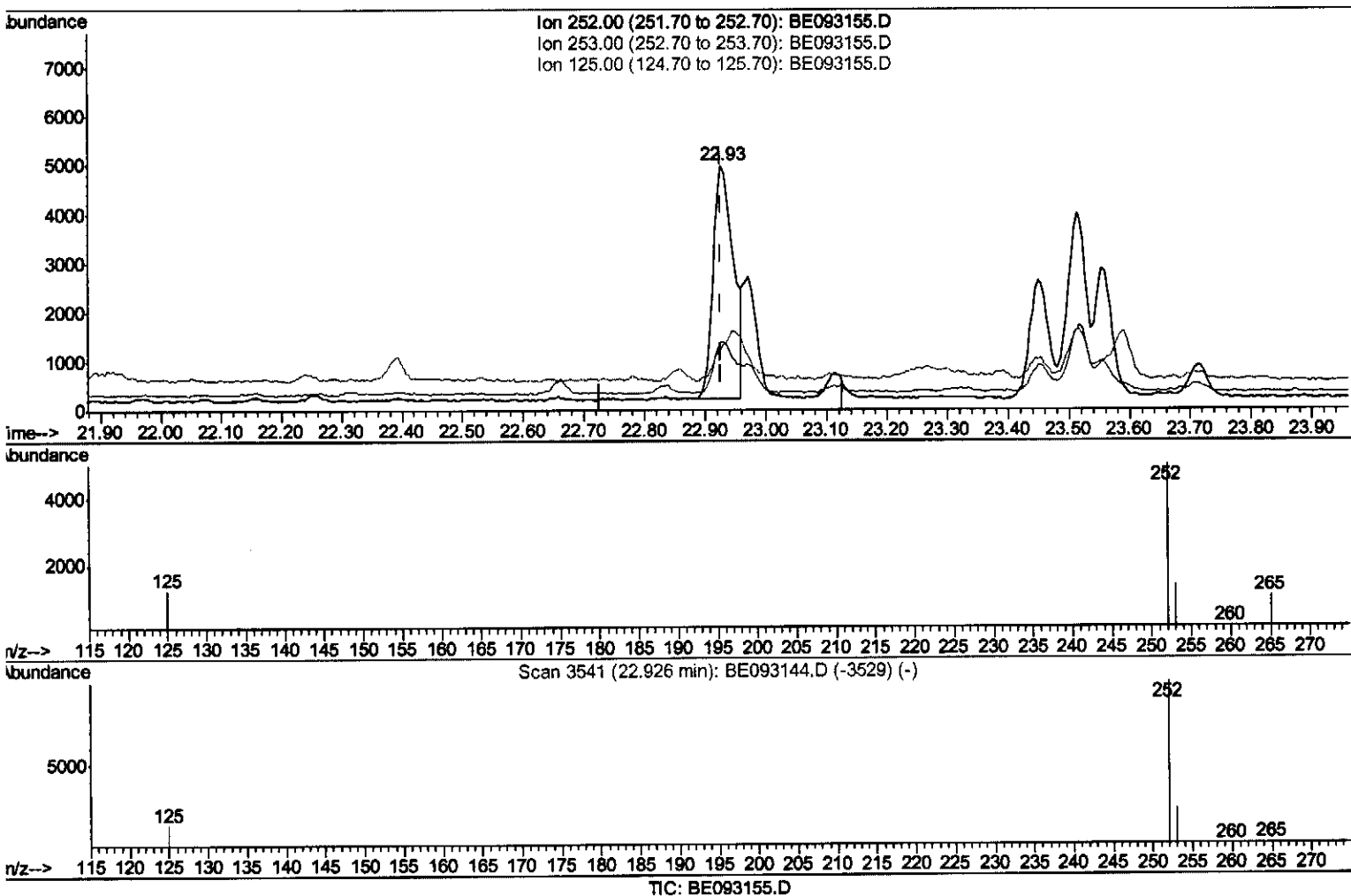
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093155.D
Acq On : 14 Jun 2017 6:08
Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5B53

Manual Integrations
APPROVED

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6/14/2017 3:00:07 PM

Quant Time: Jun 14 11:34:14 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.926min (-0.001) 0.11ng/ul m

response 10984

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.52
125.00	17.50	24.83
0.00	0.00	0.00

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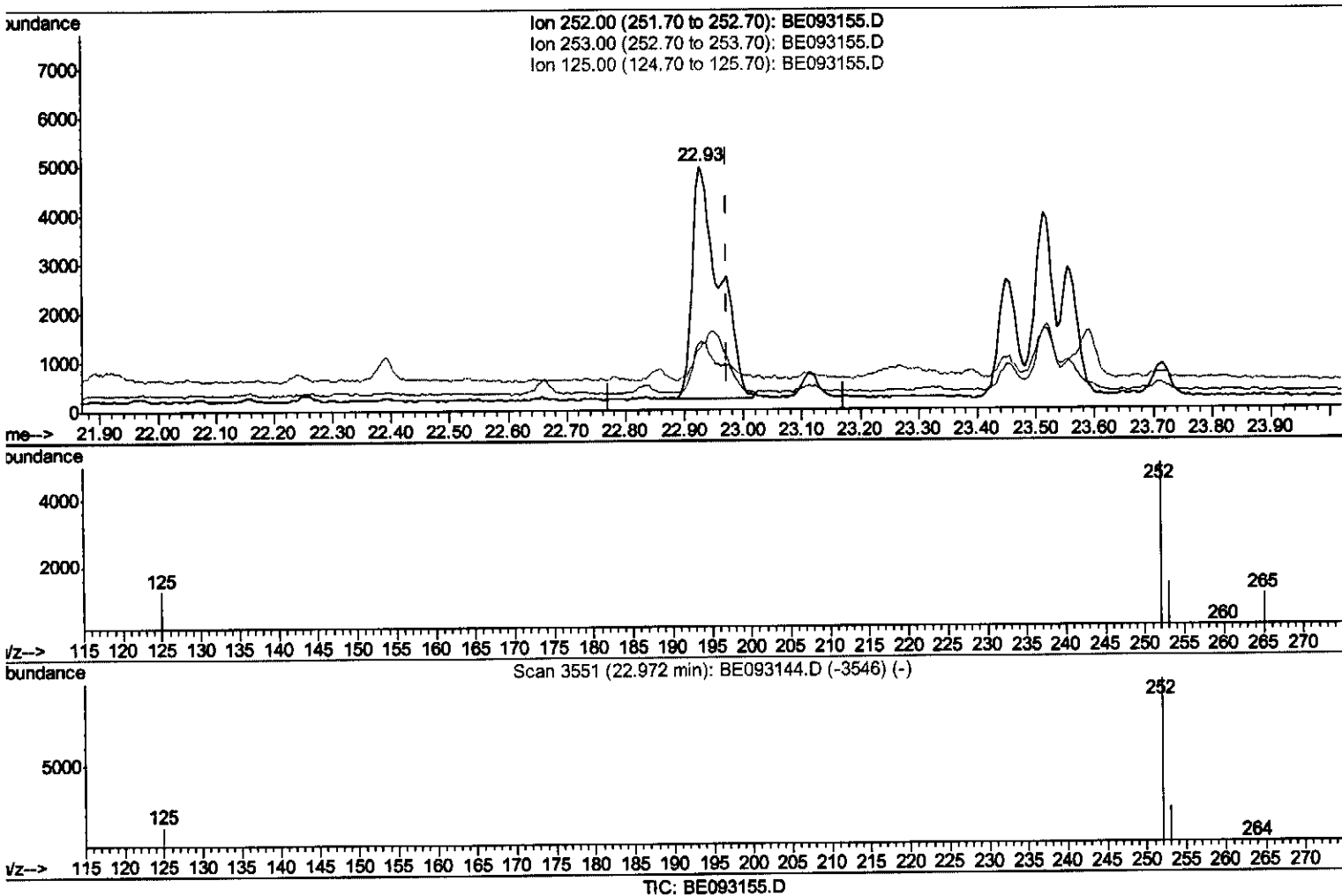
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093155.D
Acq On : 14 Jun 2017 6:08
Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B53

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:07 PM

Quant Time: Jun 14 11:34:14 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.928min (-0.046) 0.14ng/ul

response 15005

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.52
125.00	17.10	24.83#
0.00	0.00	0.00

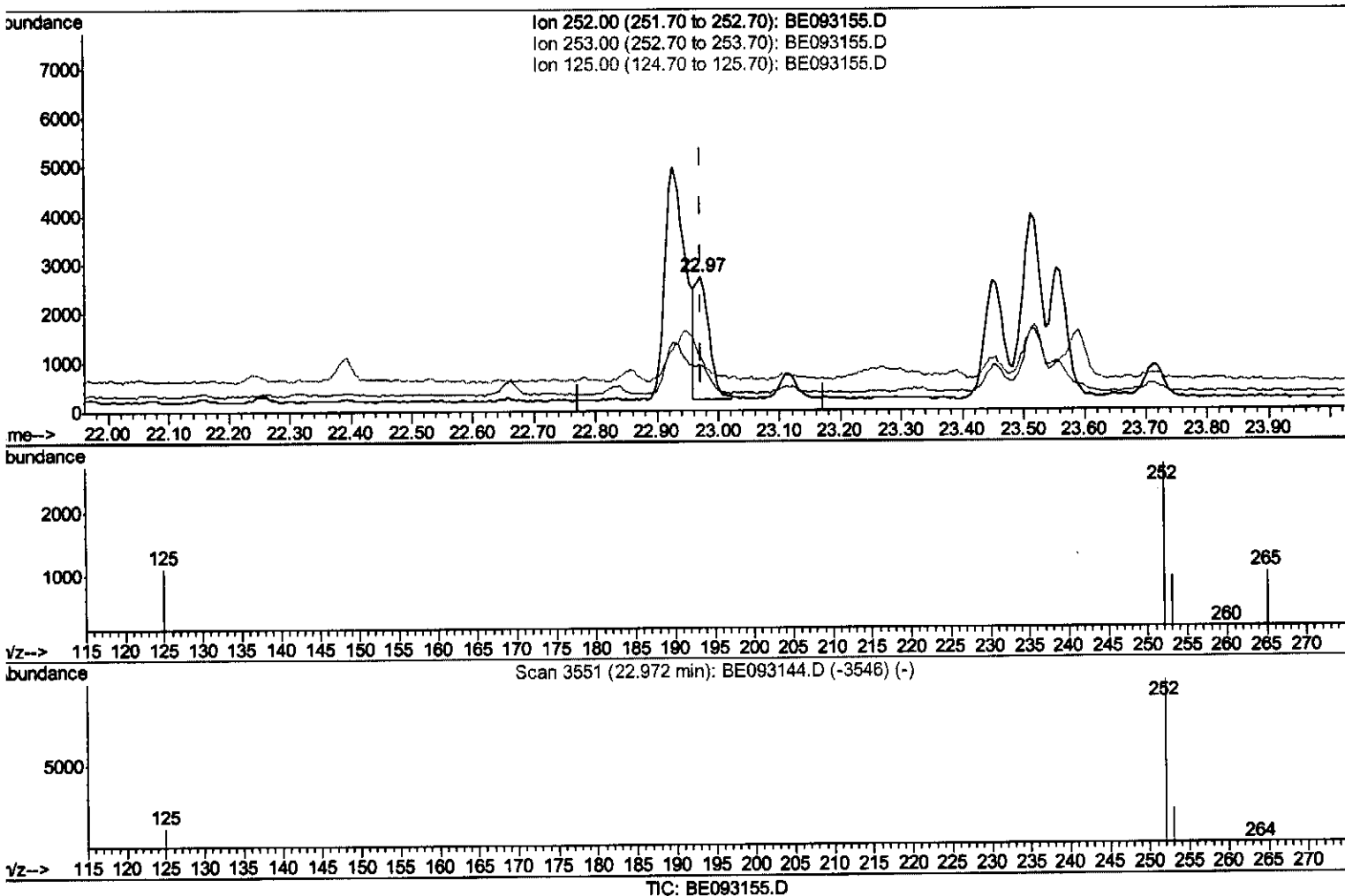
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093155.D
Acq On : 14 Jun 2017 6:08
Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B53

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:07 PM

Quant Time: Jun 14 11:34:14 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.971min (-0.001) 0.04ng/ul m

response 4083

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.36
125.00	17.10	40.68#
0.00	0.00	0.00

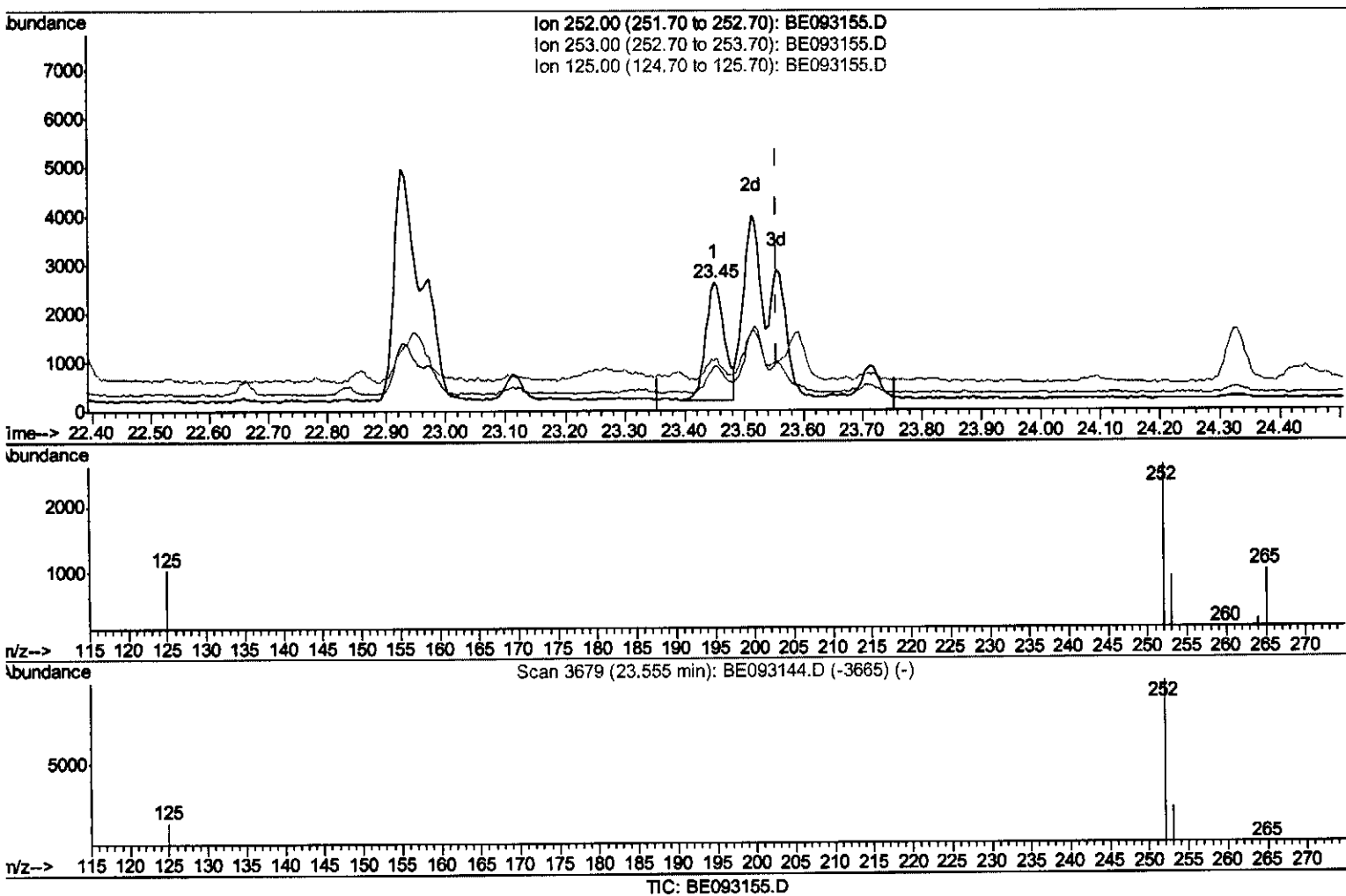
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093155.D
Acq On : 14 Jun 2017 6:08
Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5B53

Manual Integrations
APPROVED

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6/14/2017 3:00:07 PM

Quant Time: Jun 14 11:34:14 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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(23) Benzo(a)pyrene (C)

23.450min (-0.105) 0.06ng/ul

response 5308

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	34.45
125.00	22.60	38.98#
0.00	0.00	0.00

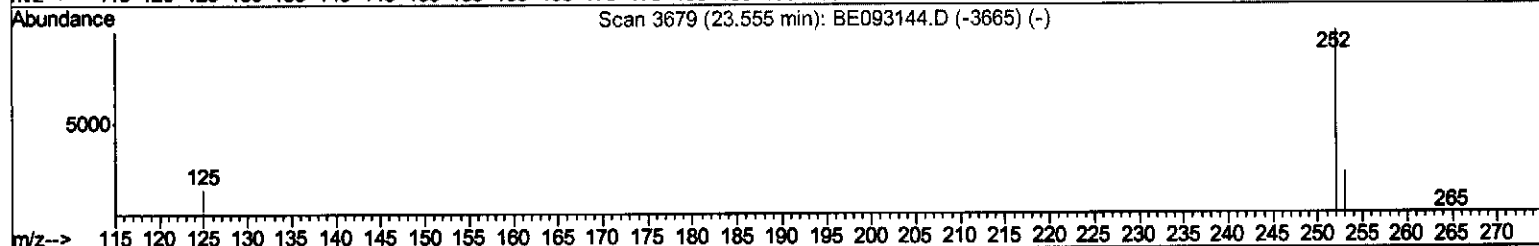
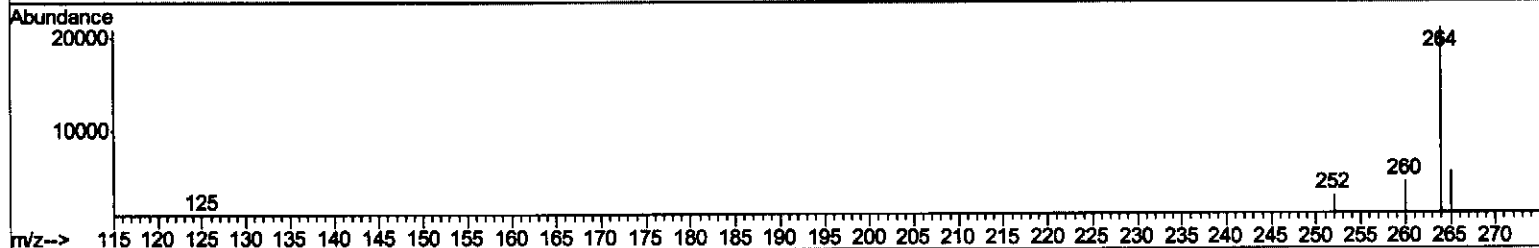
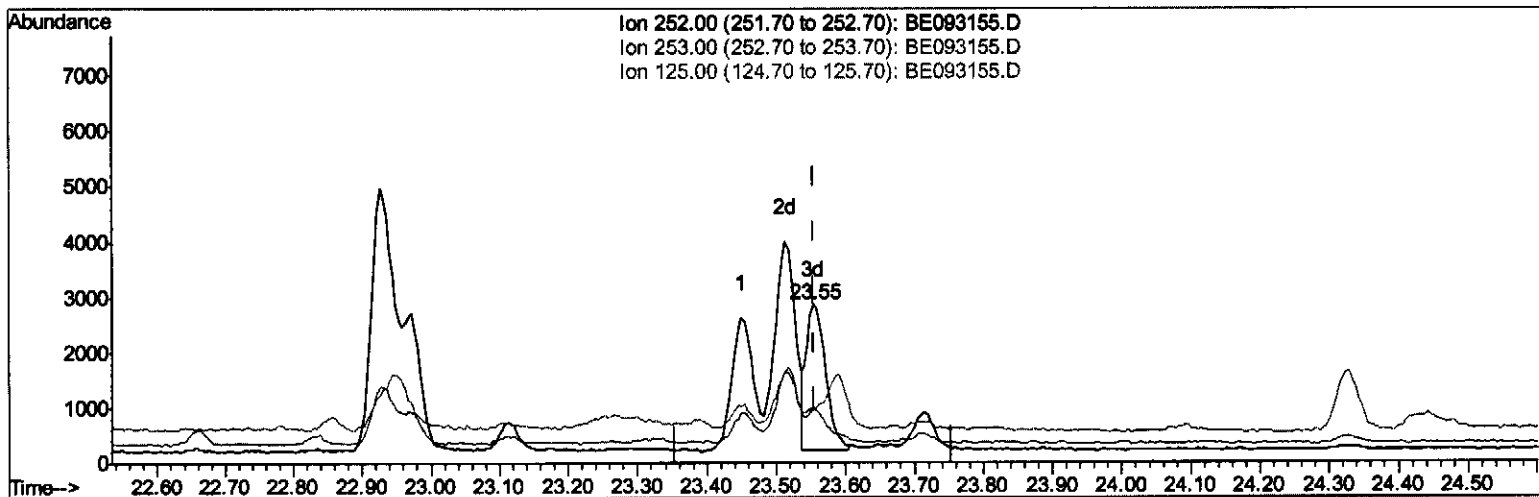
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Operator : SJ/MA
Sample : I3520-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
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Manual Integrations
APPROVED

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Quant Time: Jun 14 11:34:14 2017
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Response via : Initial Calibration



TIC: BE093155.D

(23) Benzo(a)pyrene (C)

23.554min (-0.001) 0.06ng/ul m

response 5133

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	33.70
125.00	22.60	34.99#
0.00	0.00	0.00

5/21/17

Quantitation Report (Qedit)

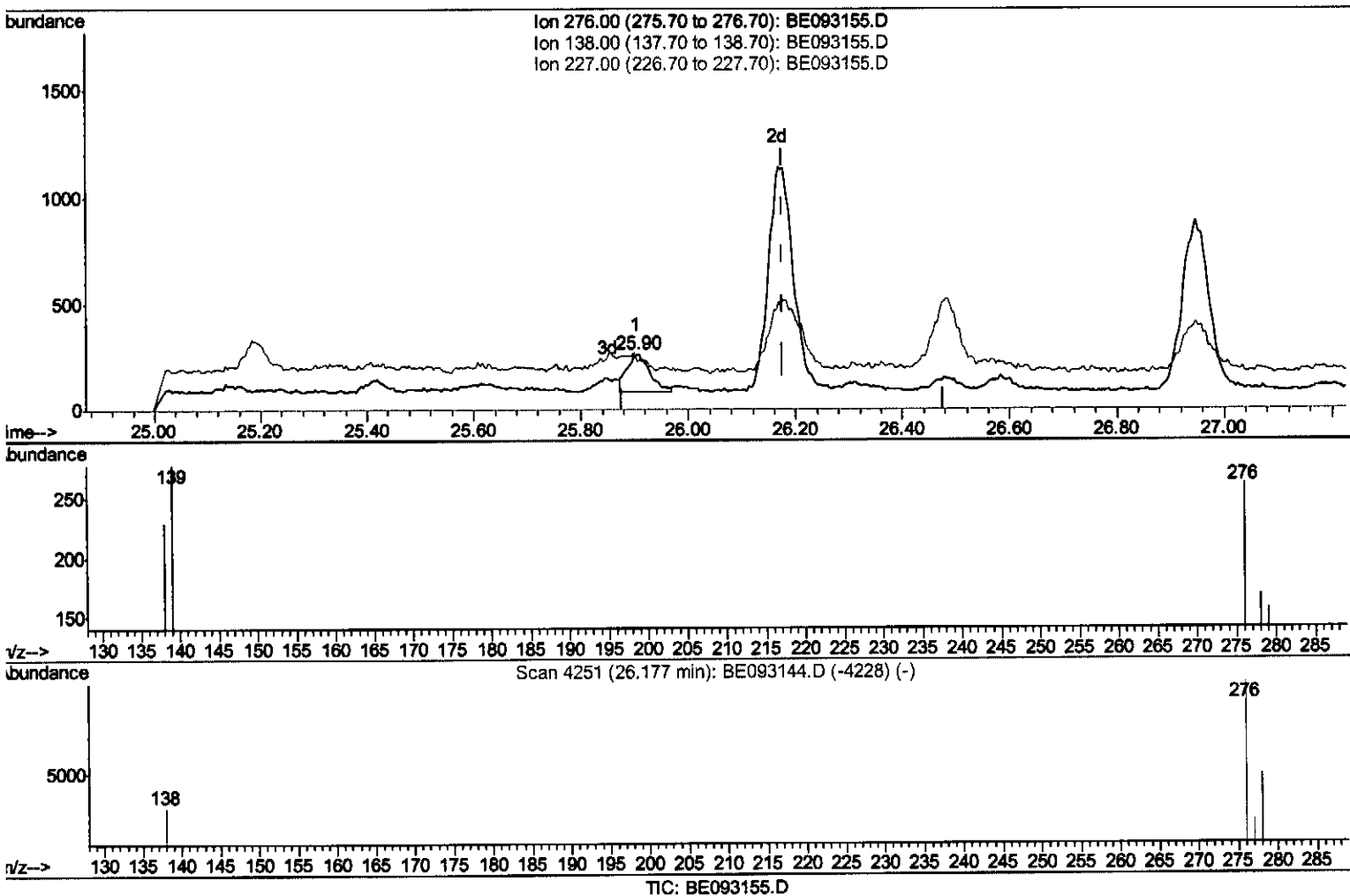
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 Data File : BE093155.D
 Acq On : 14 Jun 2017 6:08
 Operator : SJ/MA
 Sample : I3520-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
 APPROVED

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Quant Time: Jun 14 11:34:14 2017
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(24) Indeno(1,2,3-cd)pyrene

25.904min (-0.273) 0.00ng/ul

response 520

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

Quantitation Report (Qedit)

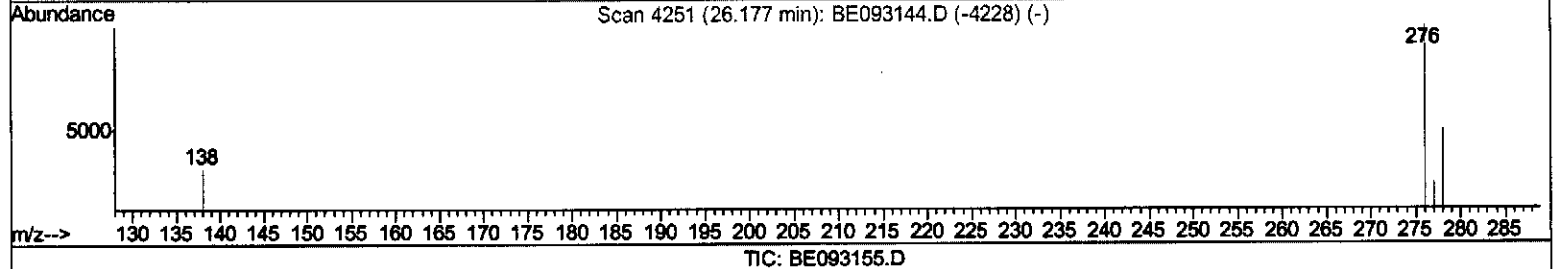
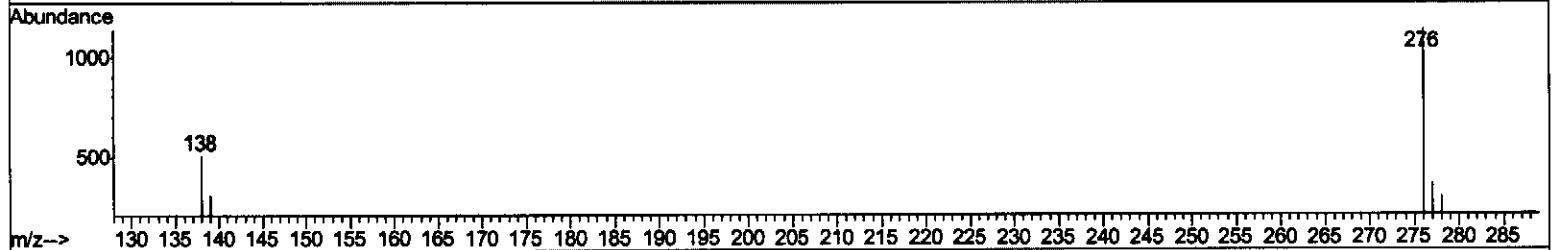
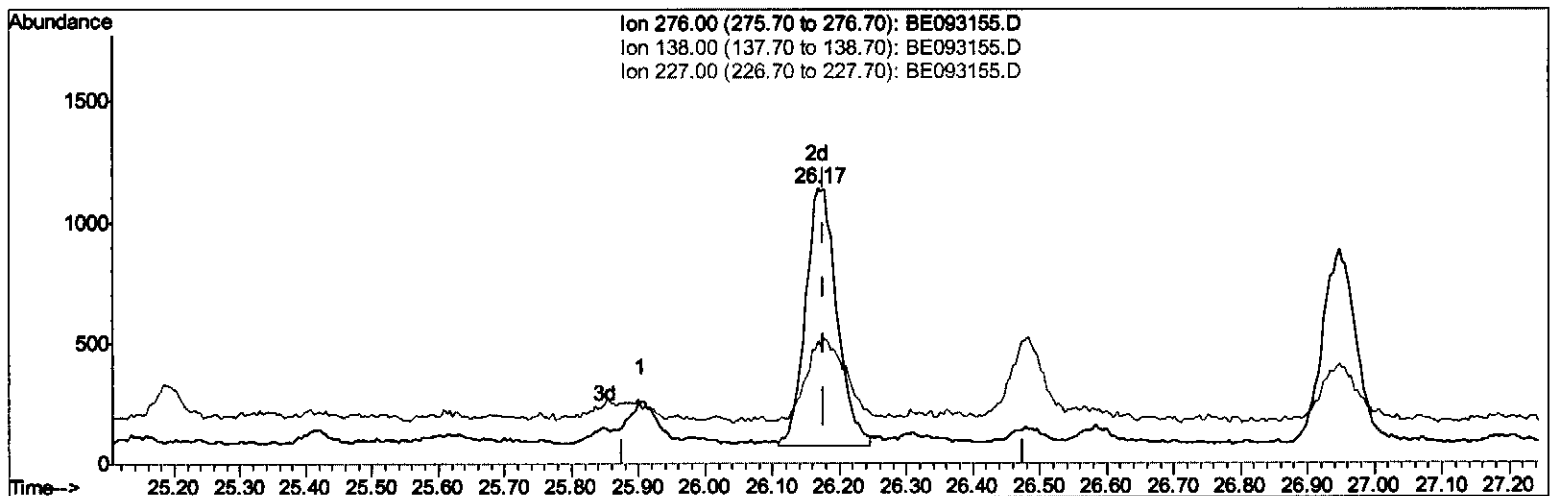
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Instrument :
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 Client Sampled :
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Manual Integrations
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 Response via : Initial Calibration



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

26.168min (-0.008) 0.03ng/ul m

response 3479

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

Handwritten: 55
06/21/17

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	5401	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	27082	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	16722	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	38838m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	40326	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	32140m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	10560	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	28051	0.27	ng/ul	0.00
Target Compounds						
15) Fluoranthene	19.15	202	8200	0.063	ng/ul	Qvalue 84
17) Pyrene	19.52	202	7757	0.065	ng/ul#	89
18) Benzo(a)anthracene	21.24	228	4374	0.041	ng/ul#	87
19) Chrysene	21.29	228	6179m	0.055	ng/ul	
21) Benzo(b)fluoranthene	22.93	252	10984m	0.113	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	4083m	0.039	ng/ul	
23) Benzo(a)pyrene	23.55	252	5133m	0.056	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.17	276	3479m	0.033	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	2859	0.031	ng/ul#	74

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

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