

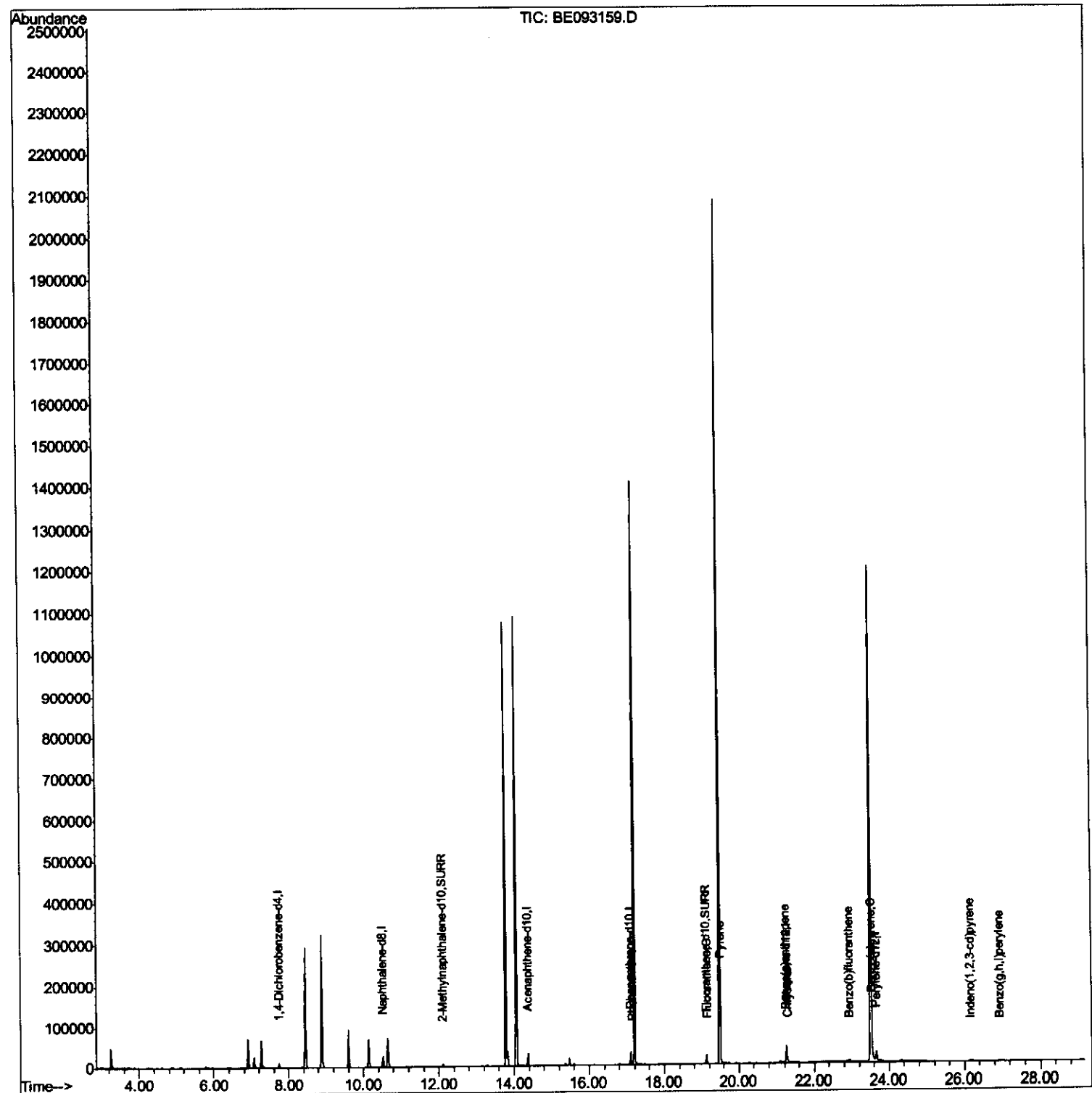
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093159.D
Acq On : 14 Jun 2017 8:37
Operator : SJ/MA
Sample : I3520-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A38

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:18 PM

Quant Time: Jun 14 11:57:55 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

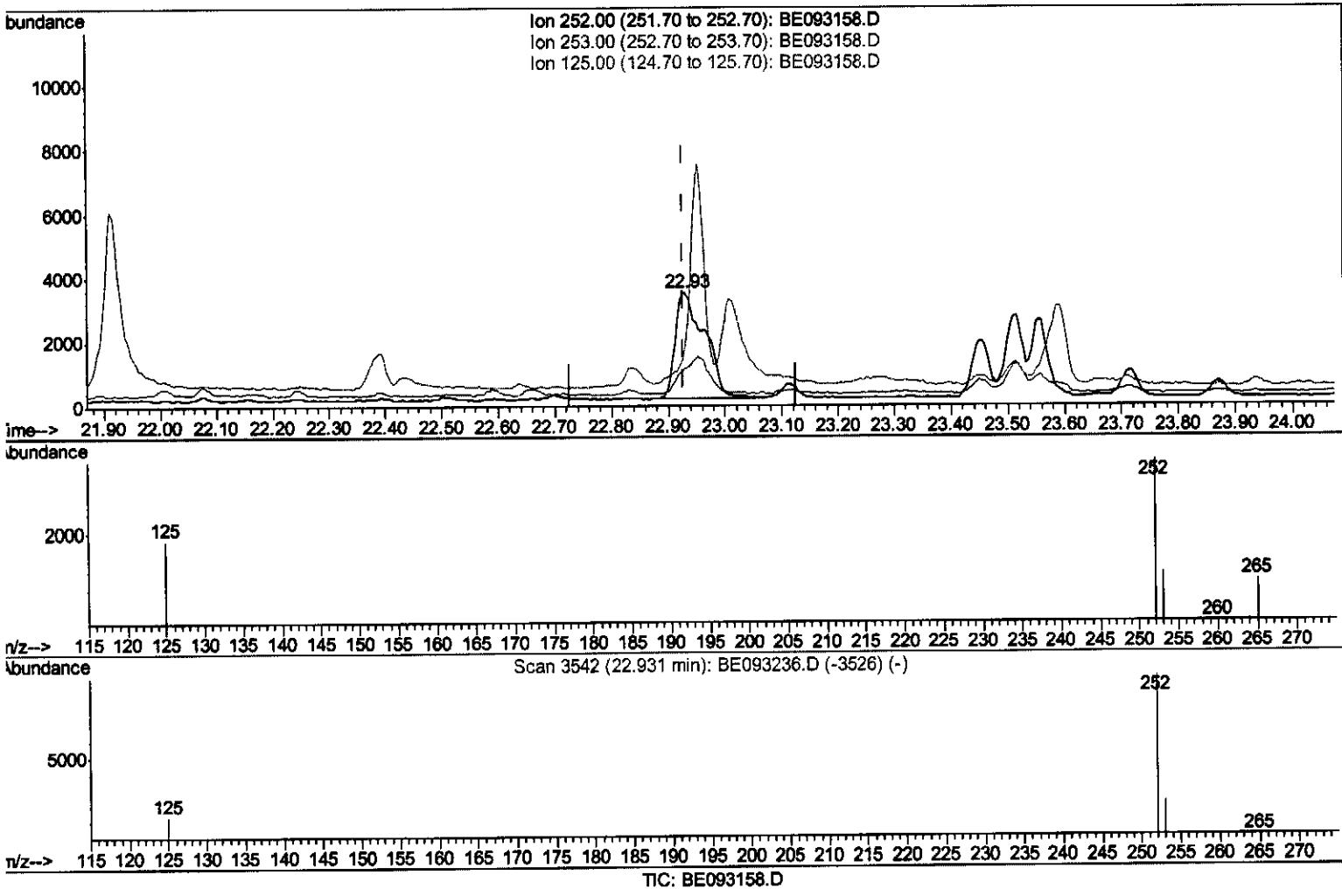


Data File : BE093158.D
Acq On : 14 Jun 2017 7:58
Operator : SJ/MA
Sample : I3520-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A38

Manual Integrations
APPROVED
mohammad
6/14/2017 3:00:18 PM

Quant Time: Jun 17 02:03:45 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.930min (+0.004) 0.09ng/ul

response 11960

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	32.99
125.00	17.50	52.12#
0.00	0.00	0.00

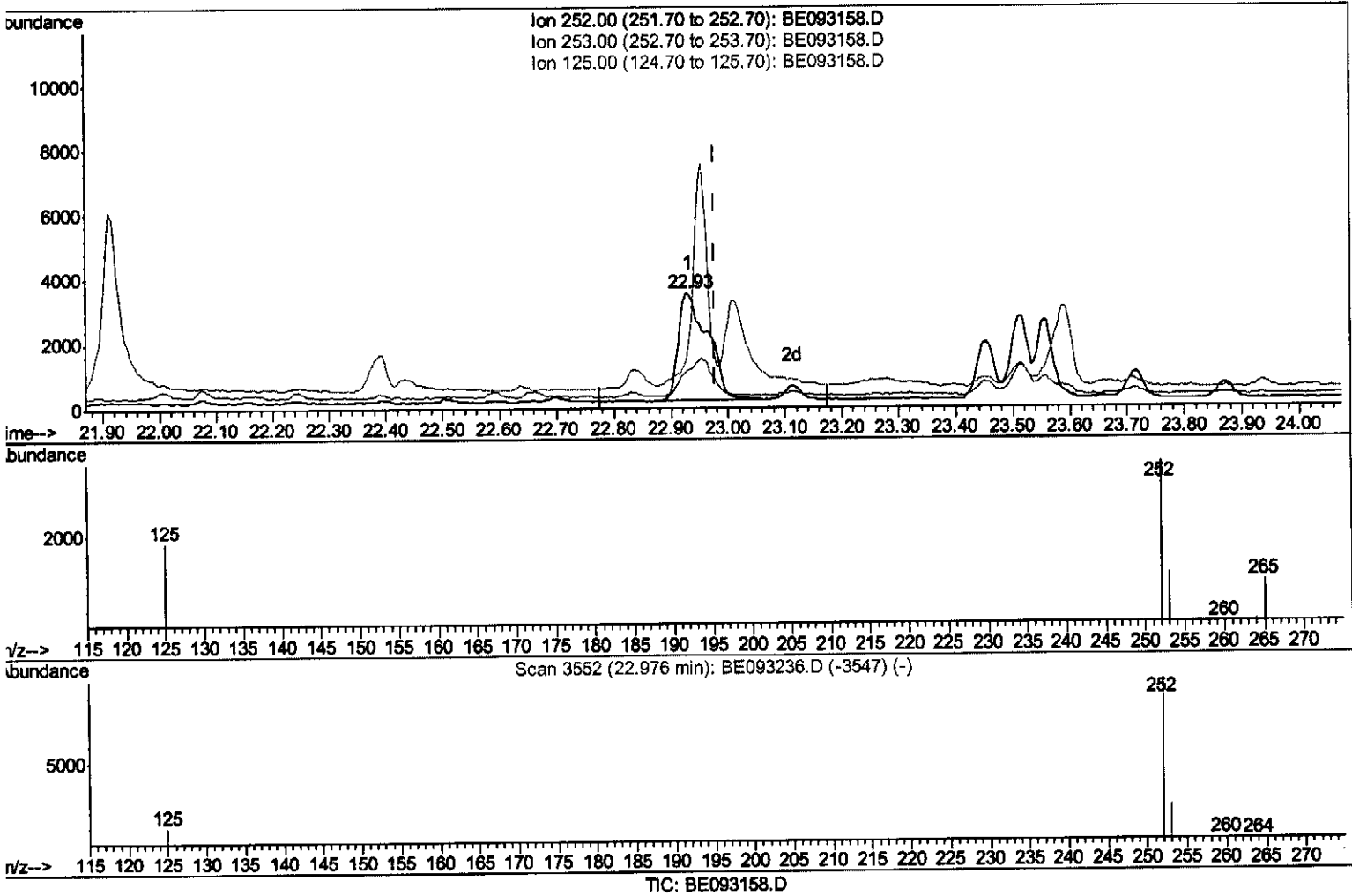
Data File : BE093158.D
Acq On : 14 Jun 2017 7:58
Operator : SJ/MA
Sample : I3520-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A38

Manual Integrations
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mohammad
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Quant Time: Jun 17 02:03:45 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.930min (-0.046) 0.08ng/ul

response 11960

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	32.99
125.00	17.10	52.12#
0.00	0.00	0.00

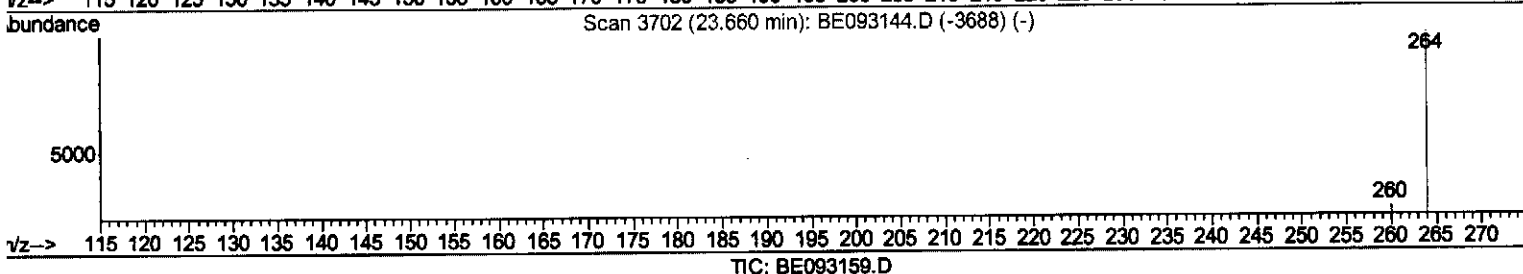
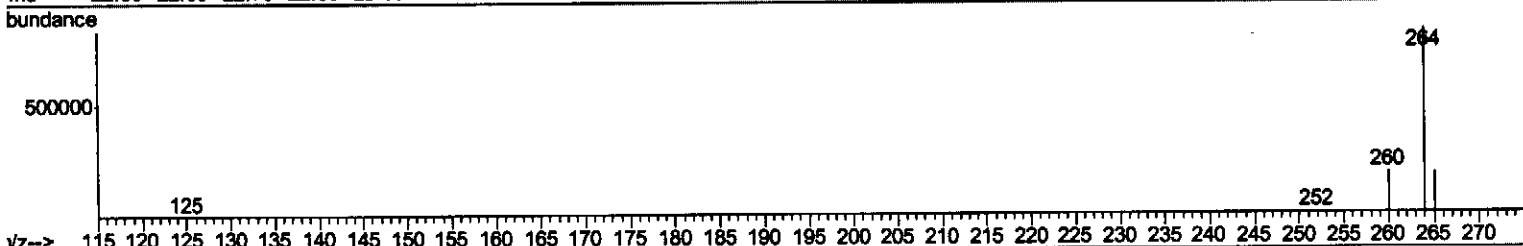
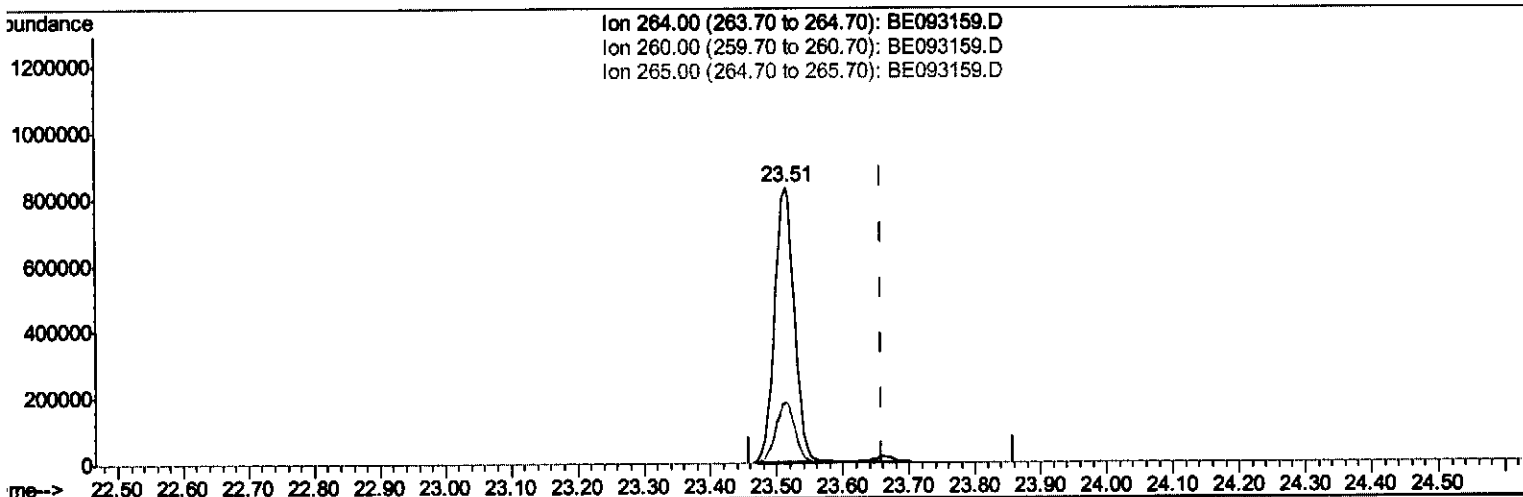
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093159.D
Acq On : 14 Jun 2017 8:37
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Instrument :
BNA_E
ClientSampled :
F5A38

Manual Integrations
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Quant Time: Jun 14 11:54:26 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.514min (-0.146) 0.40ng/ui

response 1704082

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.43#
265.00	103.50	21.74#
0.00	0.00	0.00

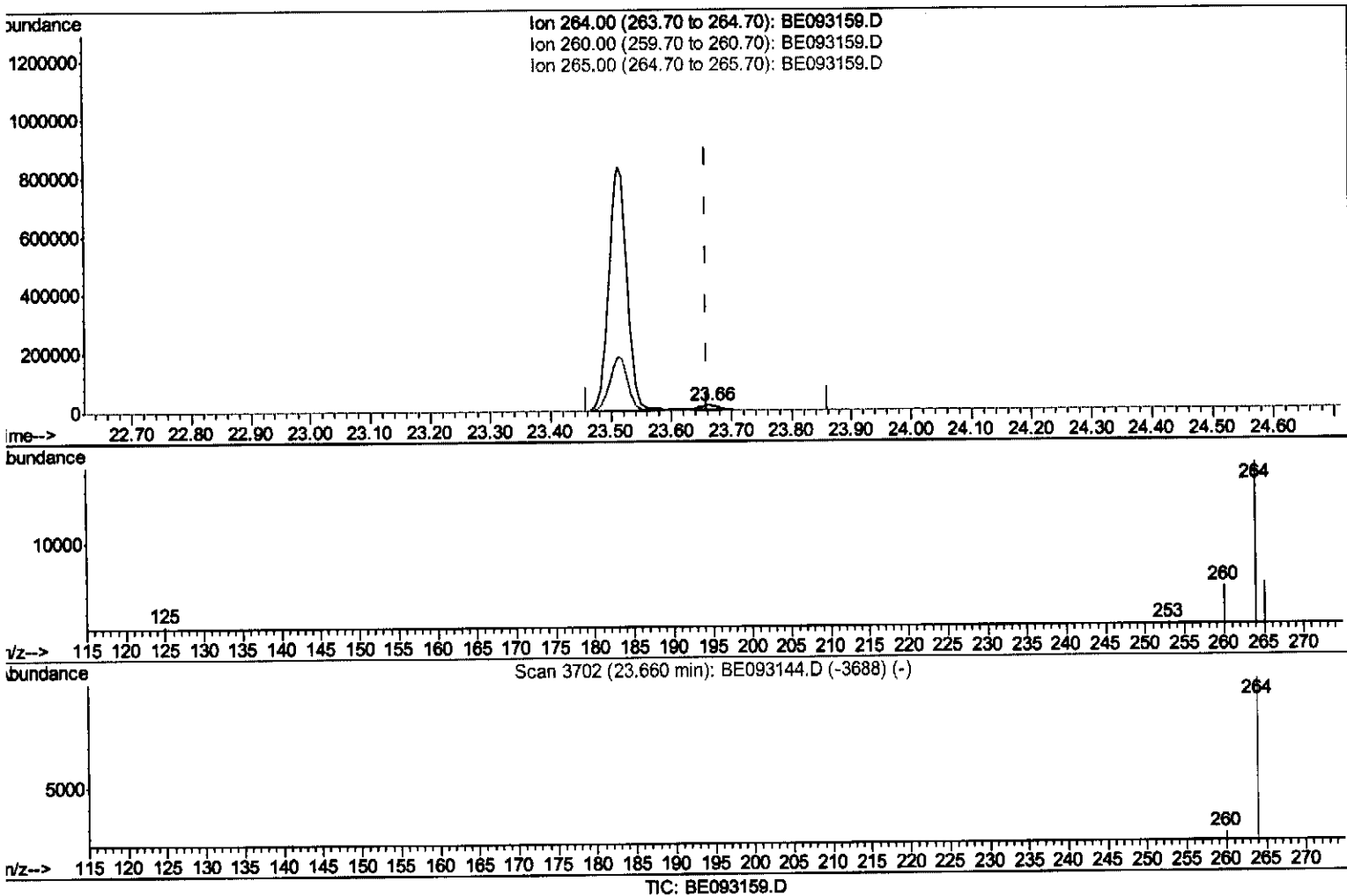
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093159.D
Acq On : 14 Jun 2017 8:37
Operator : SJ/MA
Sample : I3520-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A38

Manual Integrations
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mohammad
6/14/2017 3:00:18 PM

Quant Time: Jun 14 11:54:26 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.664min (+0.004) 0.40ng/ul m

response 31563

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.70
265.00	103.50	26.47#
0.00	0.00	0.00

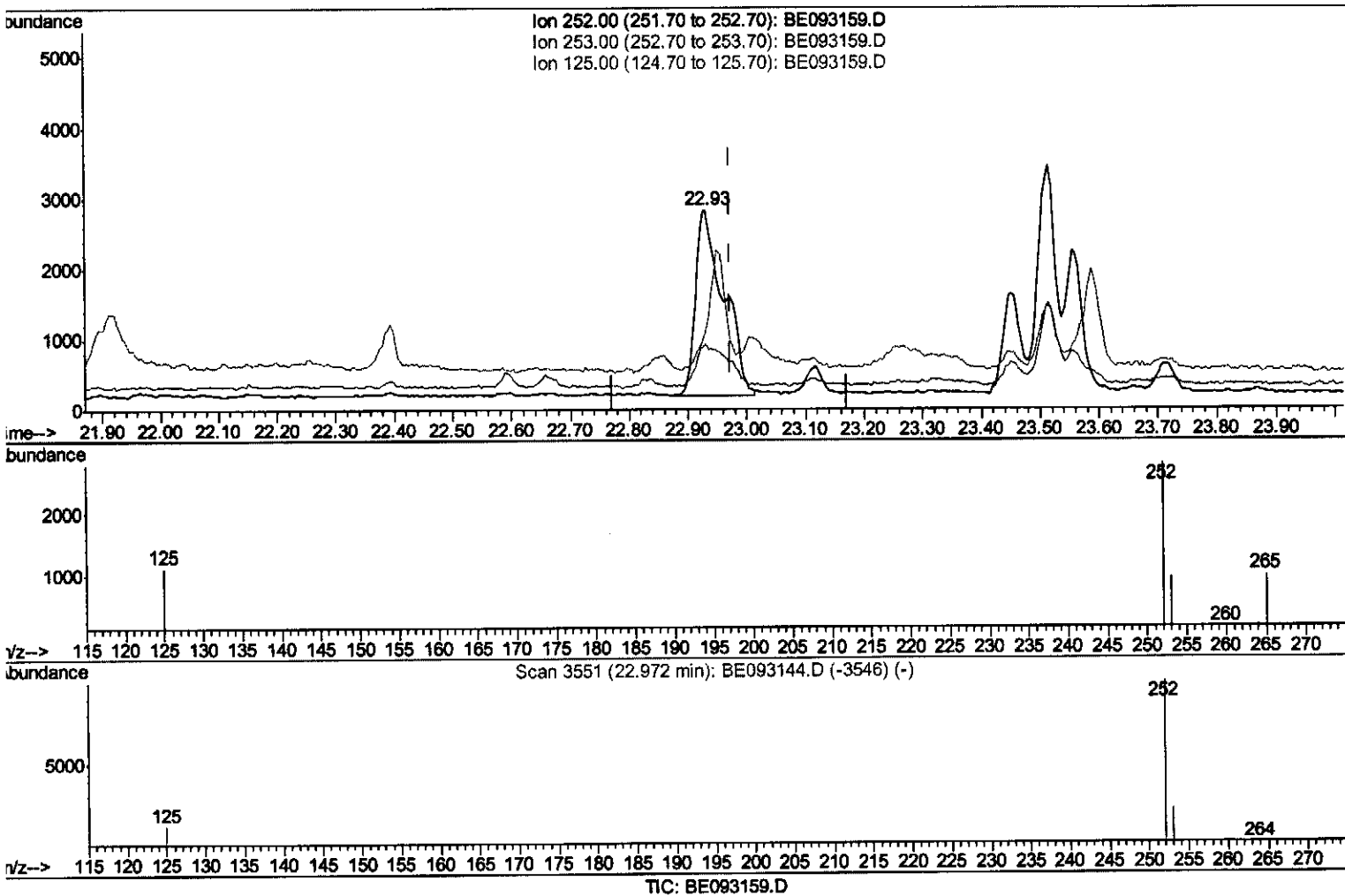
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093159.D
Acq On : 14 Jun 2017 8:37
Operator : SJ/MA
Sample : I3520-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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6/14/2017 3:00:18 PM

Quant Time: Jun 14 11:56:21 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

22.931min (-0.041) 0.09ng/ul

response 8725

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	32.77
125.00	17.10	39.12#
0.00	0.00	0.00

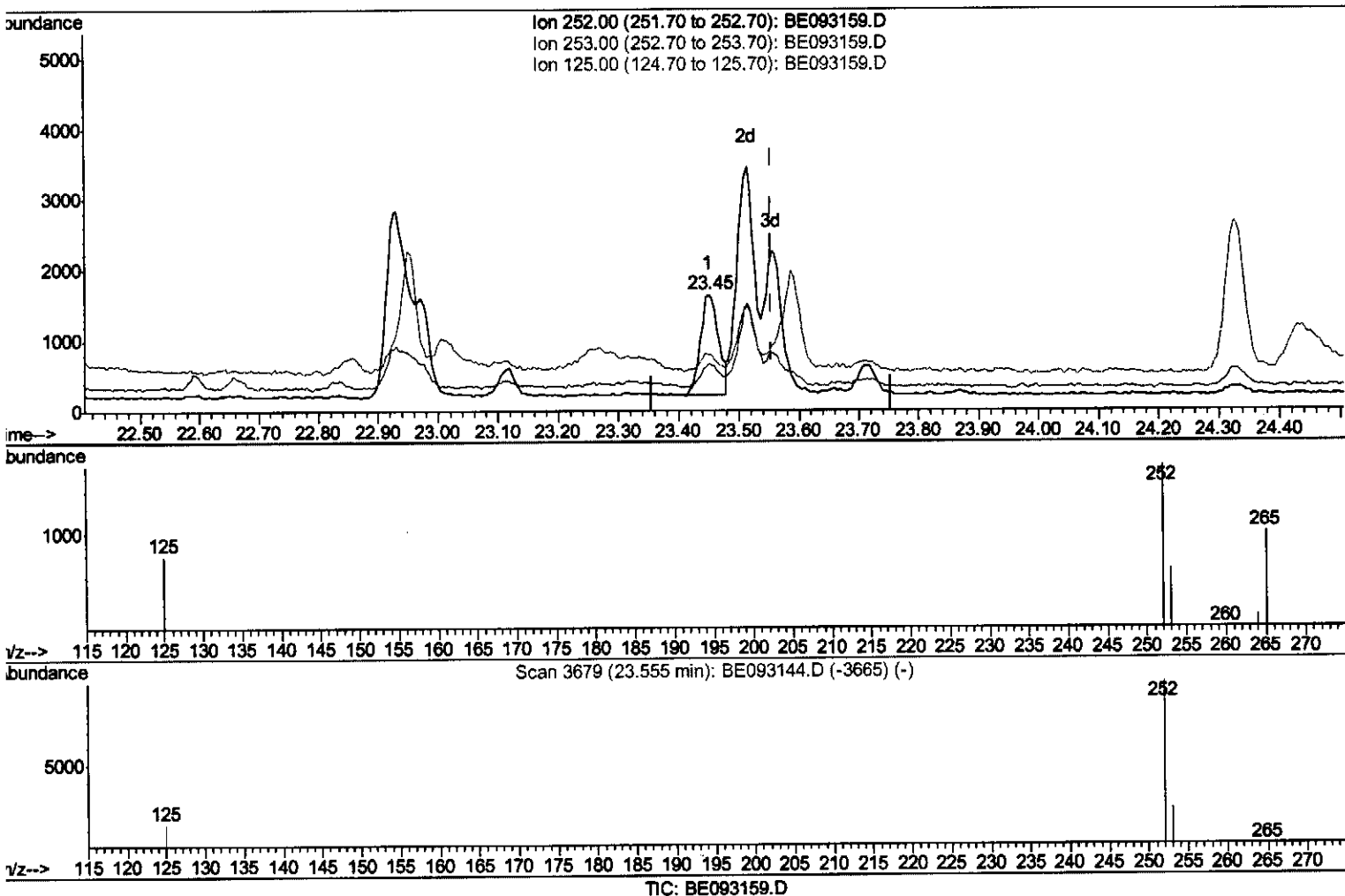
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093159.D
Acq On : 14 Jun 2017 8:37
Operator : SJ/MA
Sample : I3520-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A38

Manual Integrations
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Quant Time: Jun 14 11:56:21 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



(23) Benzo(a)pyrene (C)

23.450min (-0.105) 0.03ng/ul

response 2919

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	40.63
125.00	22.60	48.36#
0.00	0.00	0.00

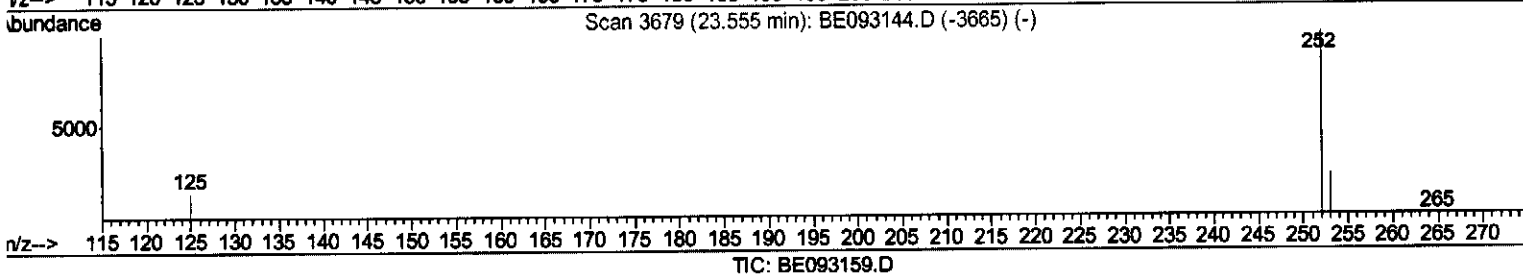
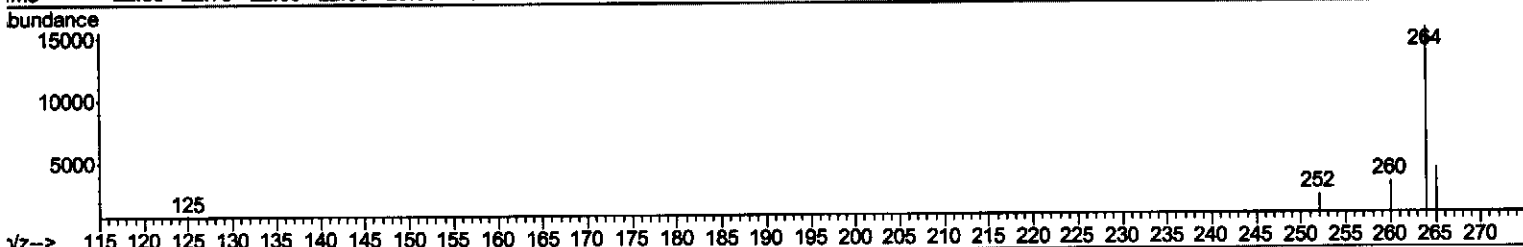
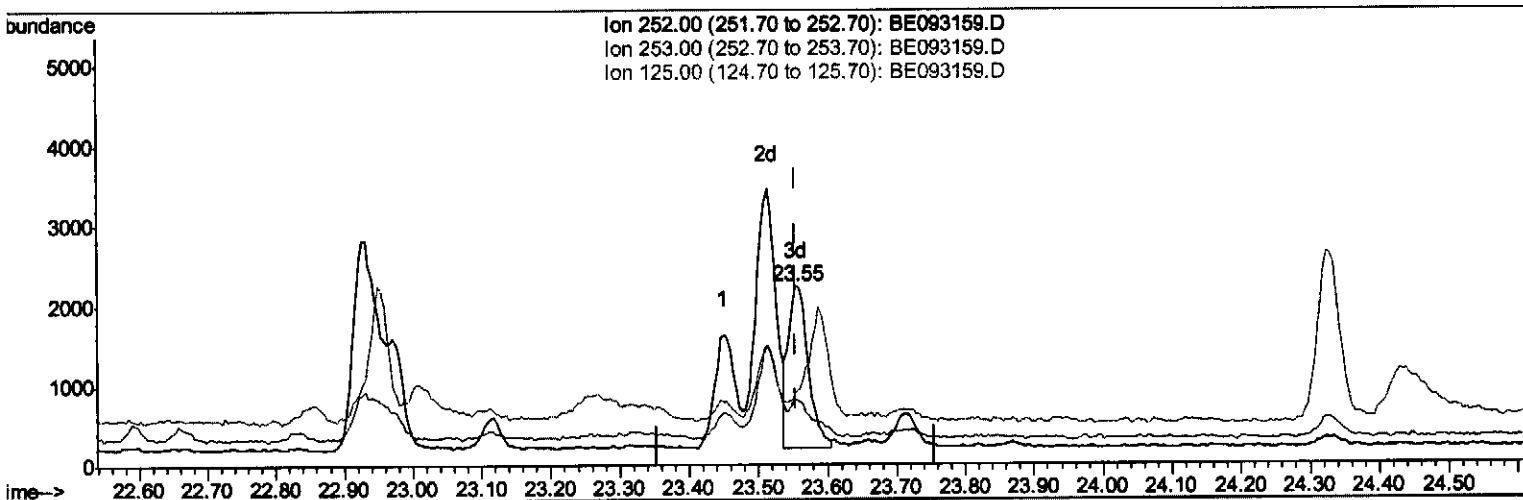
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093159.D
Acq On : 14 Jun 2017 8:37
Operator : SJ/MA
Sample : I3520-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5A38

Manual Integrations
APPROVED

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6/14/2017 3:00:18 PM

Quant Time: Jun 14 11:56:21 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



(23) Benzo(a)pyrene (C)

23.555min (-0.000) 0.04ng/ul m

85
06/14/17

response 3990

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	36.44
125.00	22.60	40.44#
0.00	0.00	0.00

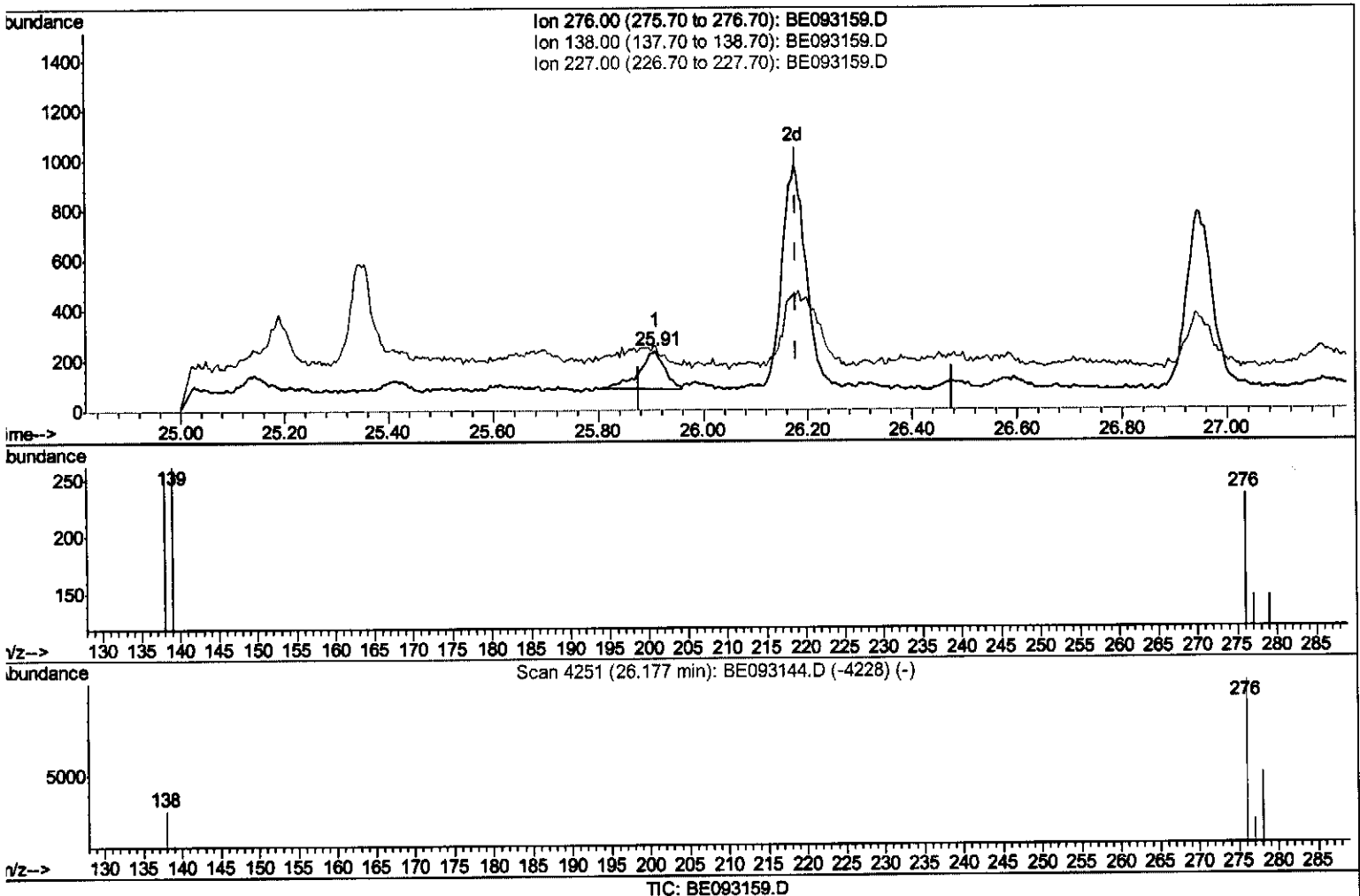
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093159.D
Acq On : 14 Jun 2017 8:37
Operator : SJ/MA
Sample : I3520-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5A38

Manual Integrations
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Quant Time: Jun 14 11:56:21 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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(24) Indeno(1,2,3-cd)pyrene

25.909min (-0.268) 0.00ng/ul

response 489

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	55.42#
227.00	10.00	0.00#
0.00	0.00	0.00

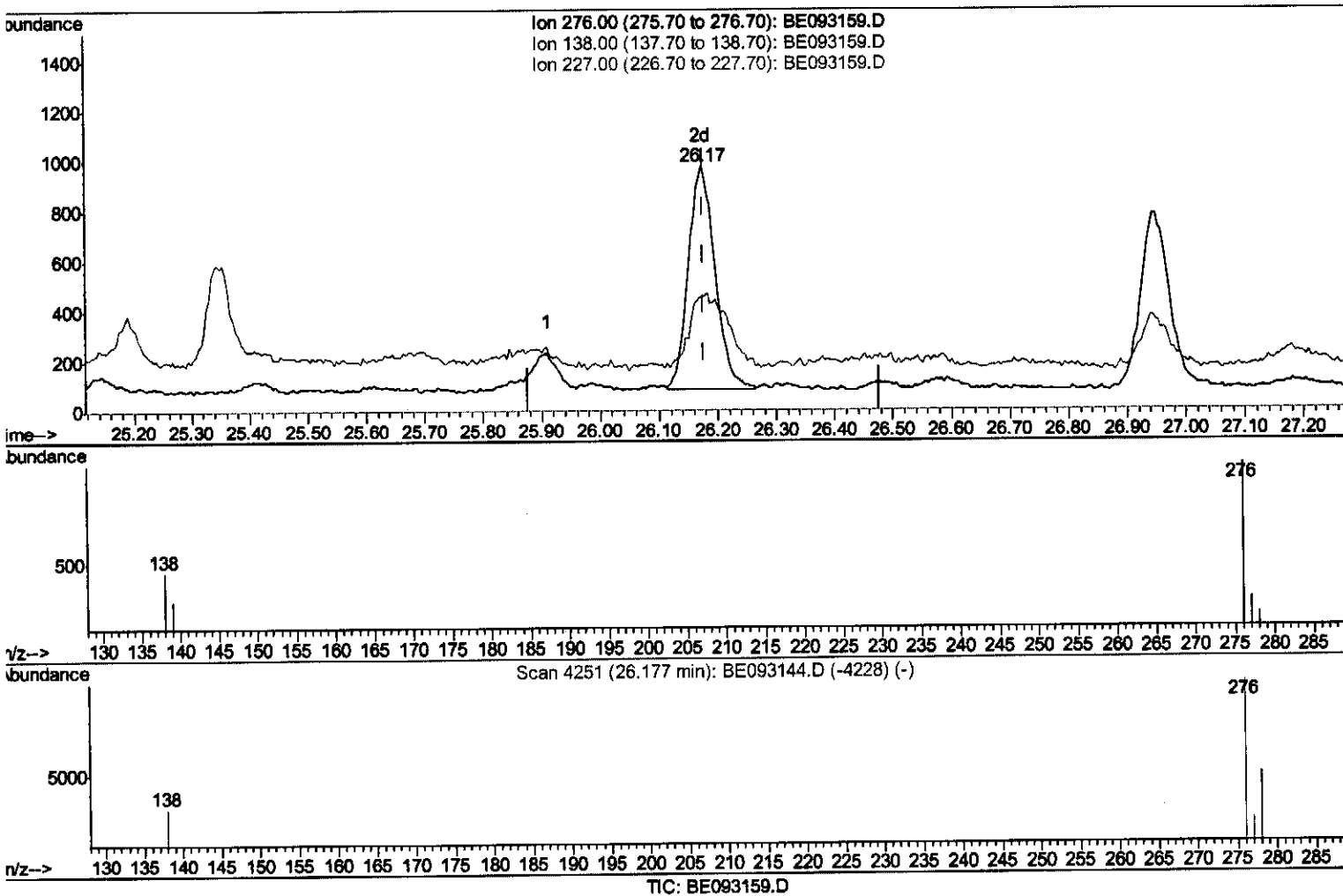
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093159.D
Acq On : 14 Jun 2017 8:37
Operator : SJ/MA
Sample : I3520-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5A38

Manual Integrations
APPROVED

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6/14/2017 3:00:18 PM

Quant Time: Jun 14 11:56:21 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



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

26.173min (-0.003) 0.03ng/ul m

response 2822

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	9.60#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
 Data File : BE093159.D
 Acq On : 14 Jun 2017 8:37
 Operator : SJ/MA
 Sample : I3520-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A38

Manual Integrations
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mohammad
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Quant Time: Jun 14 11:57:55 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	5050	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	25399	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	15805	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	36736	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	39241	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	31563m	0.40	ng/ul	0.00

JS 06/21/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	8476	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	23369	0.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.13	178	2659	0.026	ng/ul#	89
15) Fluoranthene	19.15	202	7801	0.063	ng/ul	85
17) Pyrene	19.52	202	7167	0.062	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	4229	0.040	ng/ul#	88
19) Chrysene	21.29	228	5615	0.052	ng/ul	94
21) Benzo(b)fluoranthene	22.93	252	6733	0.070	ng/ul#	82
23) Benzo(a)pyrene	23.55	252	3990m	0.044	ng/ul	} JS 06/21/17
24) Indeno(1,2,3-cd)pyrene	26.17	276	2822m	0.027	ng/ul	
26) Benzo(g,h,i)perylene	26.94	276	2527	0.028	ng/ul#	71

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