

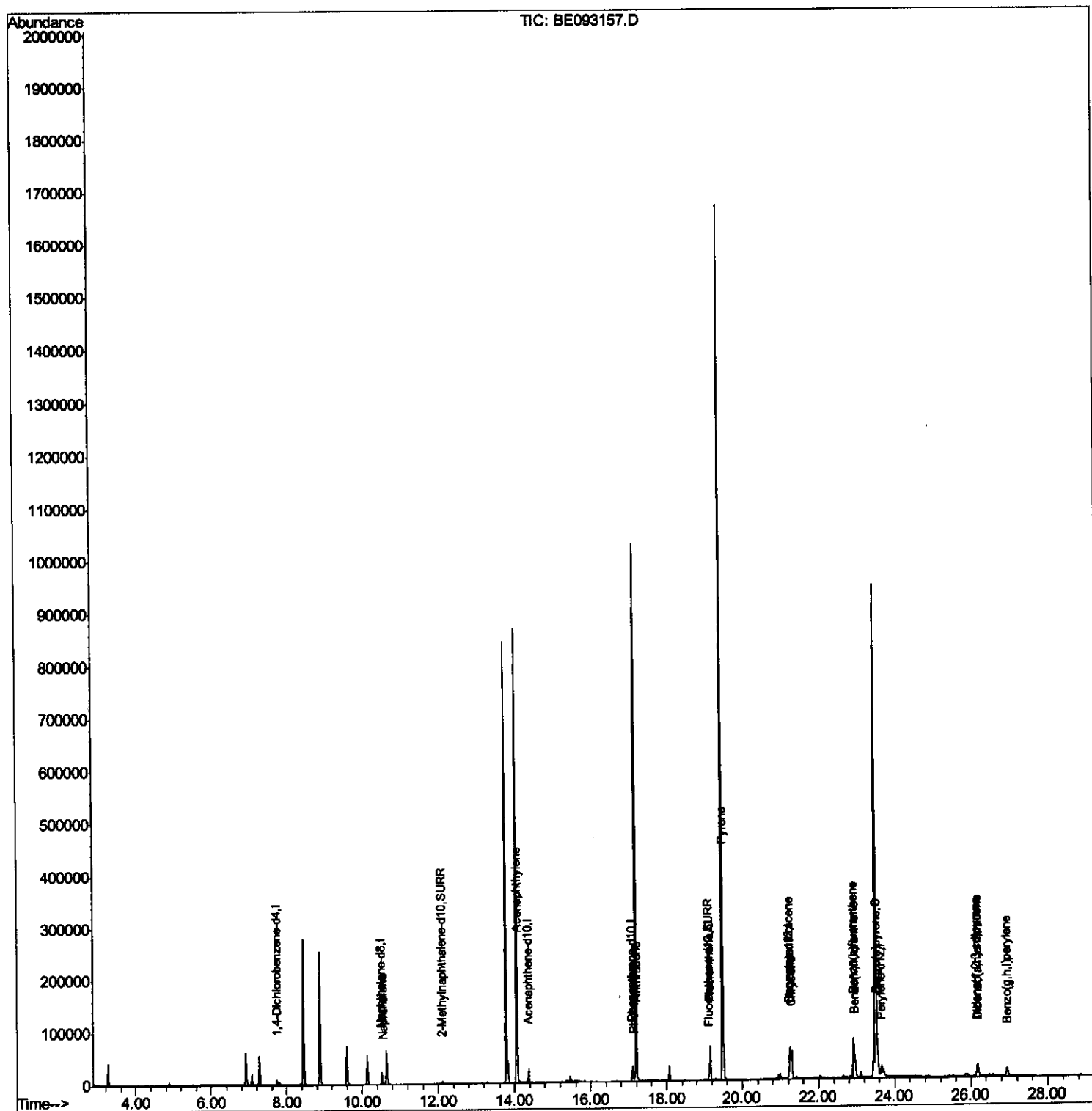
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093157.D
Acq On : 14 Jun 2017 7:23
Operator : SJ/MA
Sample : I3520-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B65

Manual Integrations
APPROVED

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

Quant Time: Jun 14 11:46:05 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



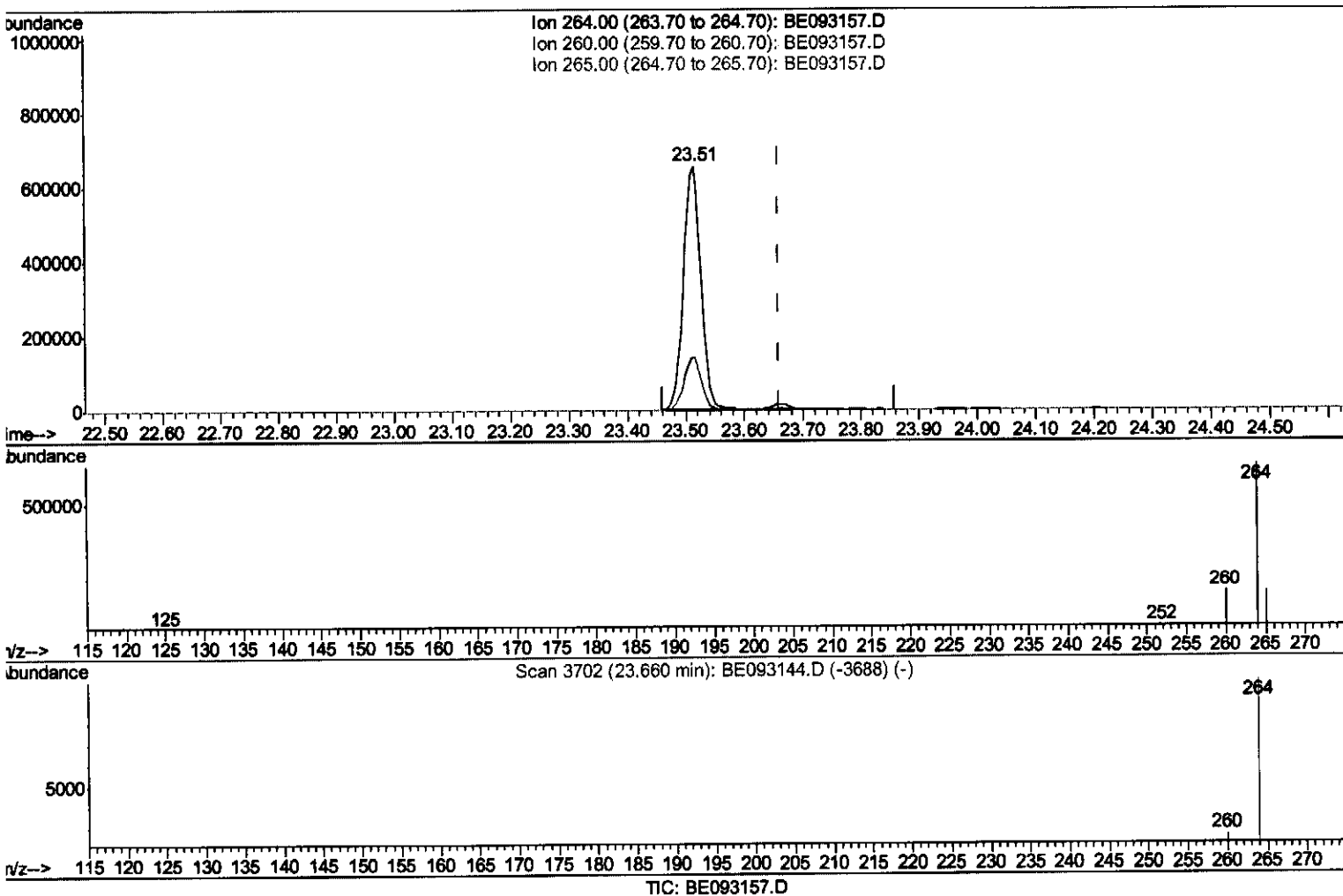
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
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Quant Time: Jun 14 11:43:07 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
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(20) Perylene-d12 (I)

23.513min (-0.146) 0.40ng/ul

response 1338253

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.02#
265.00	103.50	21.67#
0.00	0.00	0.00

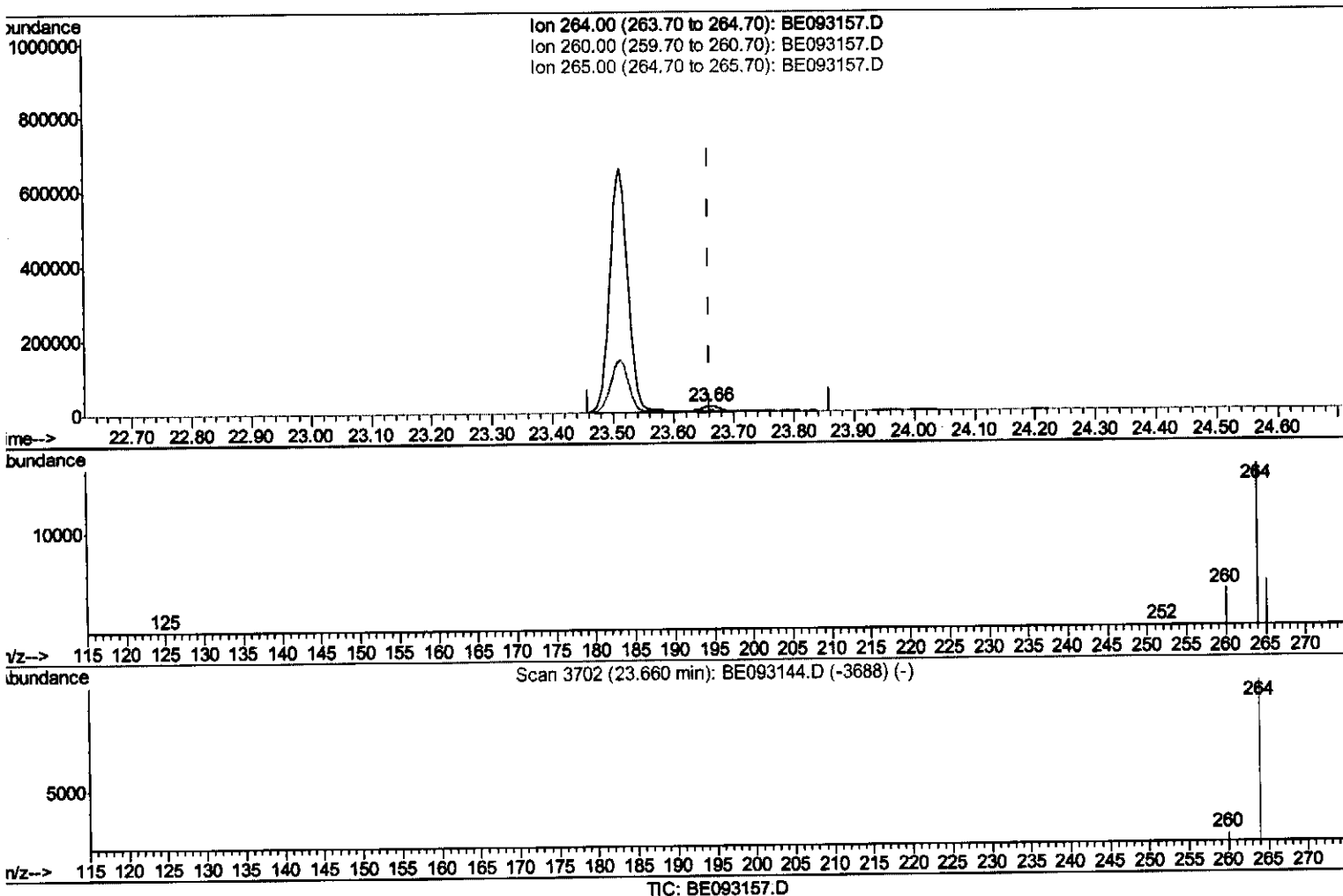
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(20) Perylene-d12 (I)

23.659min (-0.000) 0.40ng/ul m

response 28683

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.11
265.00	103.50	29.51#
0.00	0.00	0.00

35
06/21/17

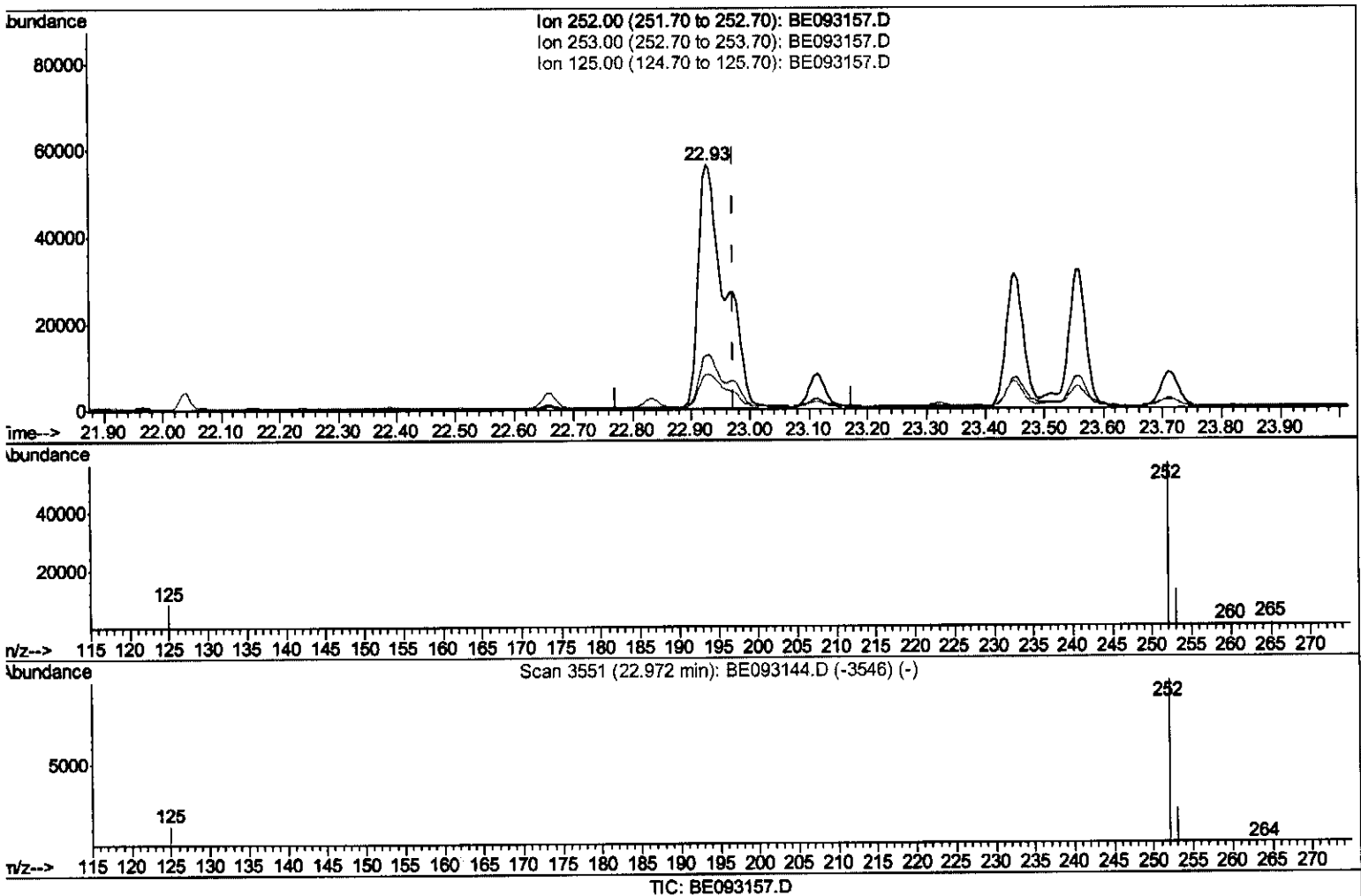
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Quant Time: Jun 14 11:44:18 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.926min (-0.046) 1.89ng/ul

response 174293

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.40#
125.00	17.10	14.39
0.00	0.00	0.00

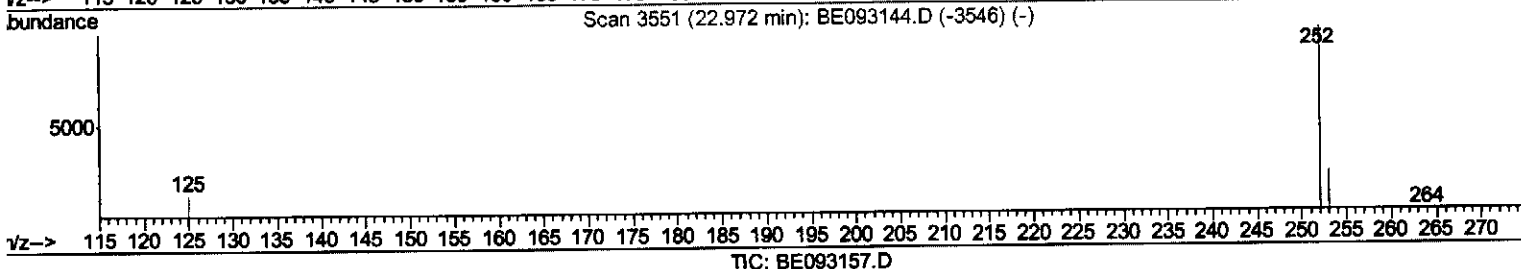
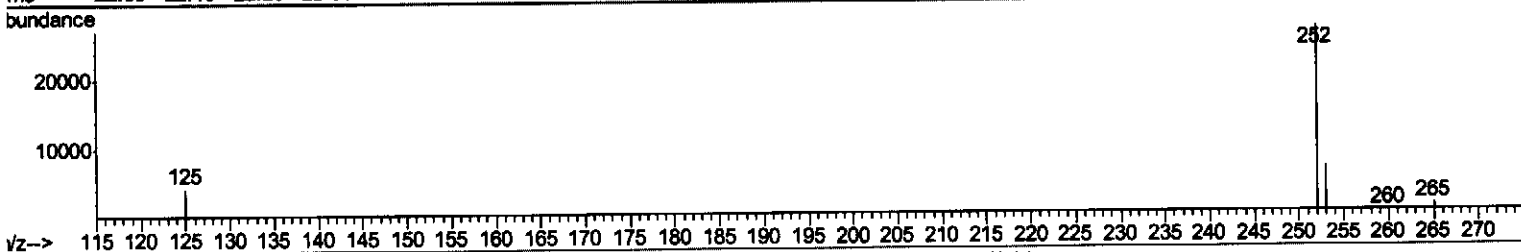
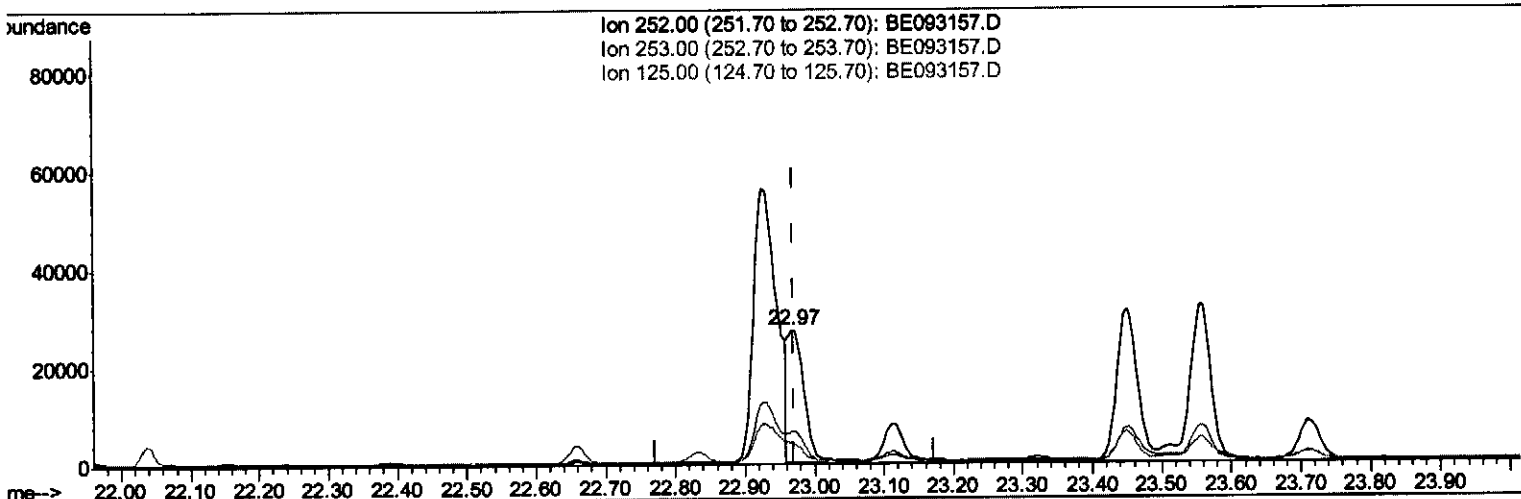
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Sample : I3520-18
Misc :
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Manual Integrations
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(22) Benzo(k)fluoranthene

22.967min (-0.005) 0.48ng/ul m

response 44170

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.06#
125.00	17.10	15.82
0.00	0.00	0.00

55
06/21/17

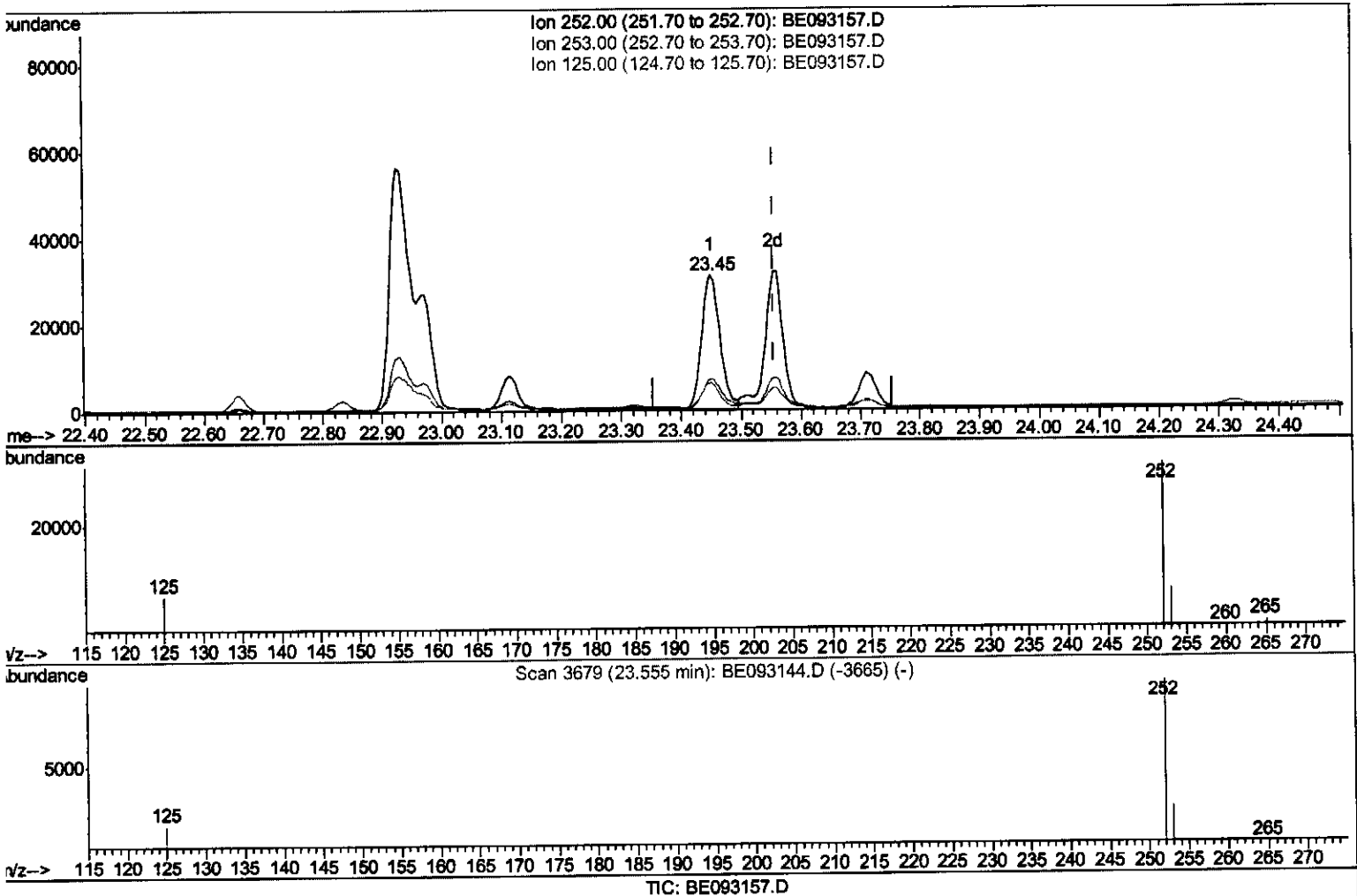
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
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Instrument :
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Manual Integrations
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(23) Benzo(a)pyrene (C)

23.450min (-0.105) 0.78ng/ul

response 64532

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.16#
125.00	22.60	20.90
0.00	0.00	0.00

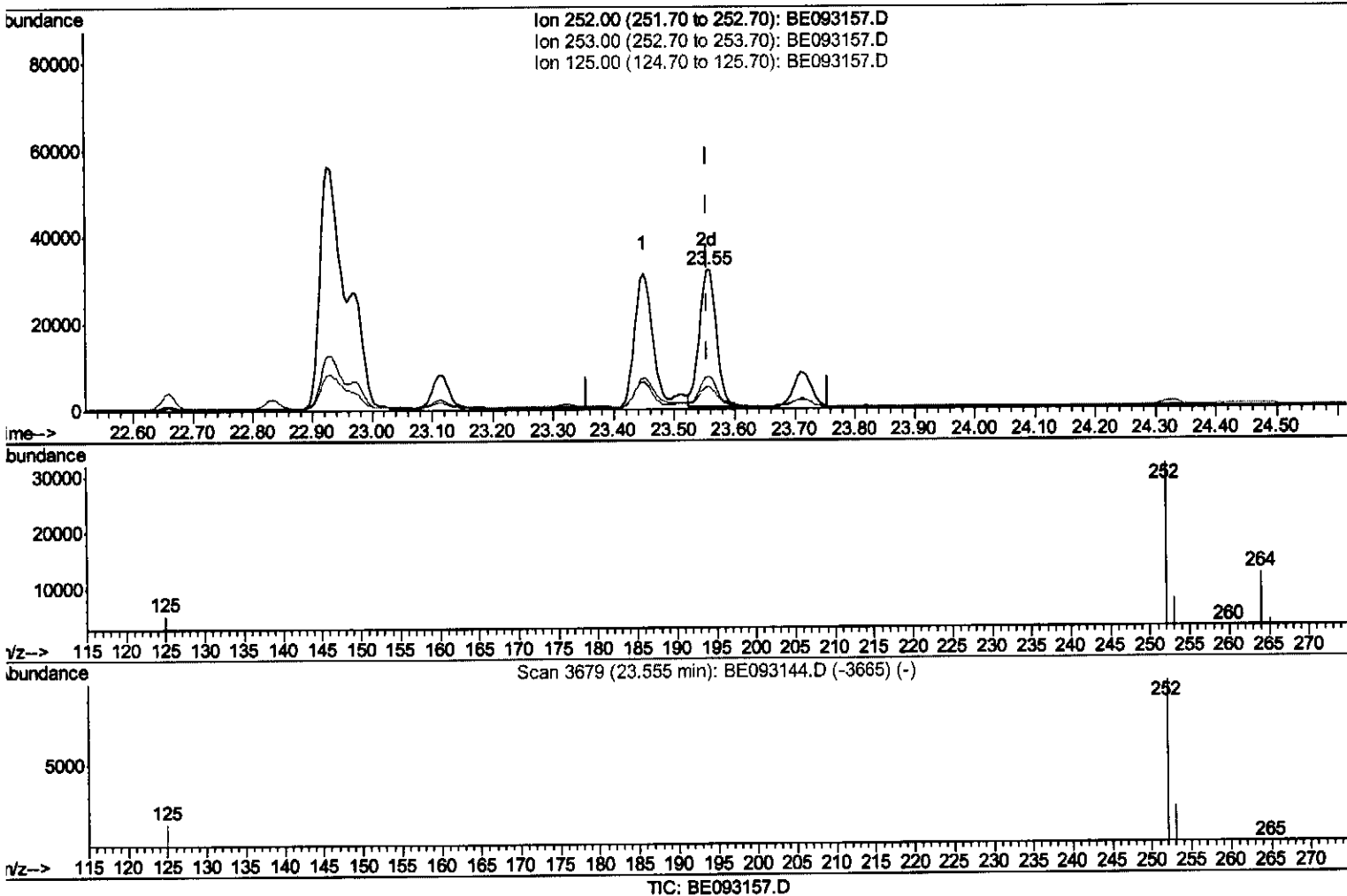
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093157.D
Acq On : 14 Jun 2017 7:23
Operator : SJ/MA
Sample : I3520-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B65

Manual Integrations
APPROVED

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Quant Time: Jun 14 11:44:18 2017
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(23) Benzo(a)pyrene (C)

23.554min (-0.000) 0.77ng/ul m

response 63060

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.54#
125.00	22.60	15.99#
0.00	0.00	0.00

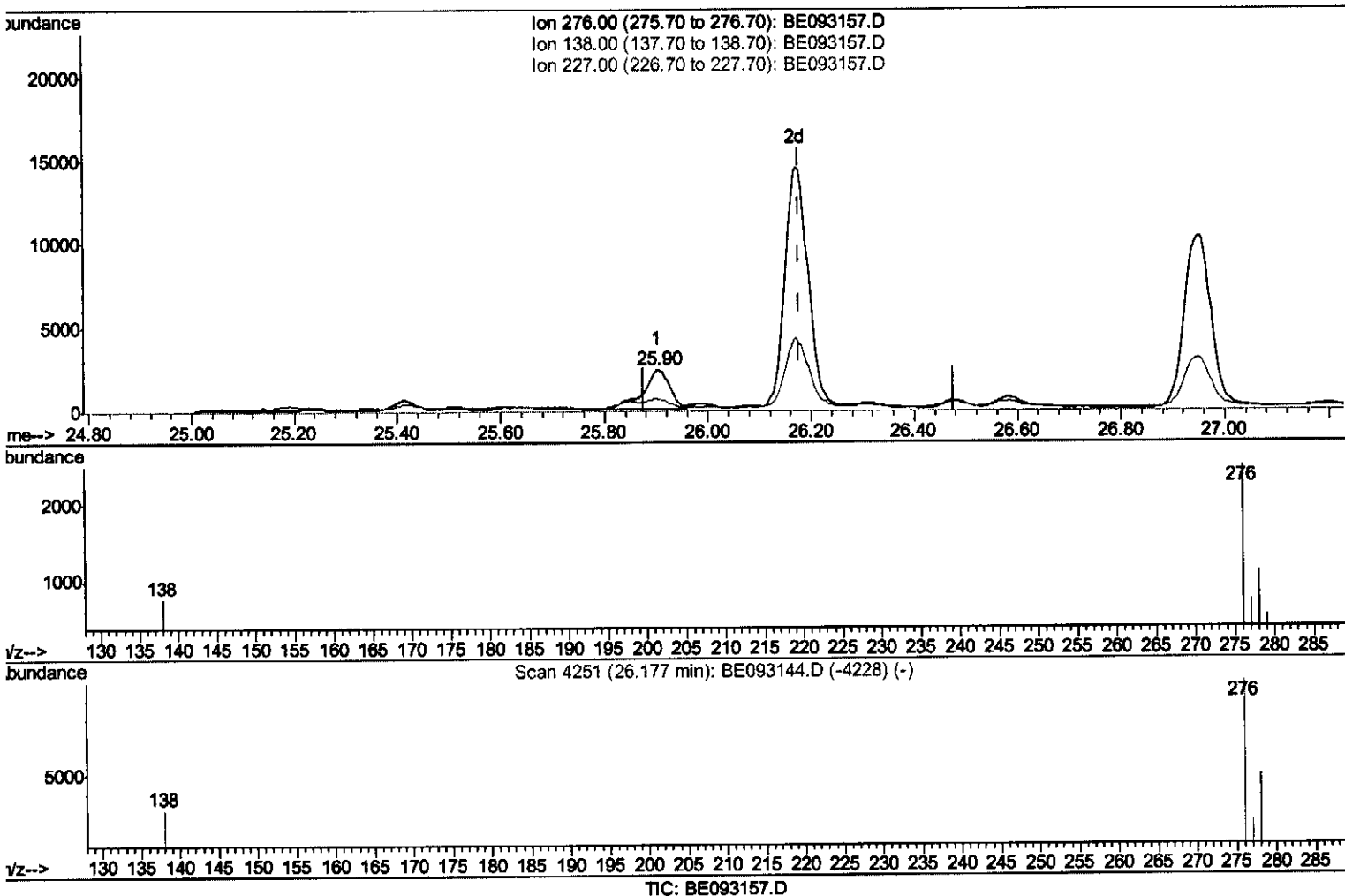
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Data File : BE093157.D
Acq On : 14 Jun 2017 7:23
Operator : SJ/MA
Sample : I3520-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5B65

Manual Integrations
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Quant Time: Jun 14 11:44:18 2017
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(24) Indeno(1,2,3-cd)pyrene

25.903min (-0.274) 0.09ng/ul

response 8709

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	16.75#
227.00	10.00	0.00#
0.00	0.00	0.00

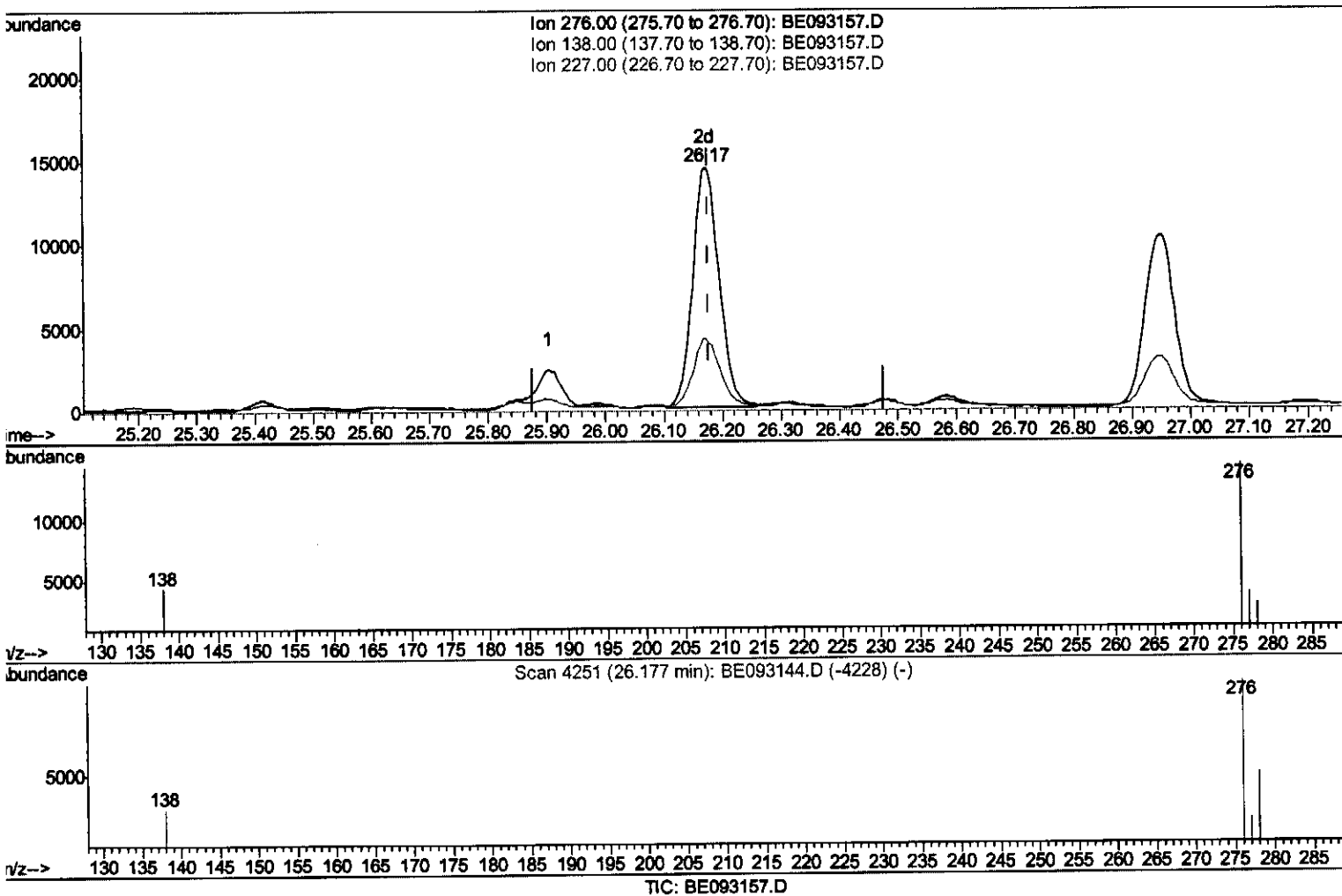
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093157.D
Acq On : 14 Jun 2017 7:23
Operator : SJ/MA
Sample : I3520-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5B65

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

26.172min (-0.005) 0.47ng/ul m

response 45072

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.24#
227.00	10.00	0.00#
0.00	0.00	0.00

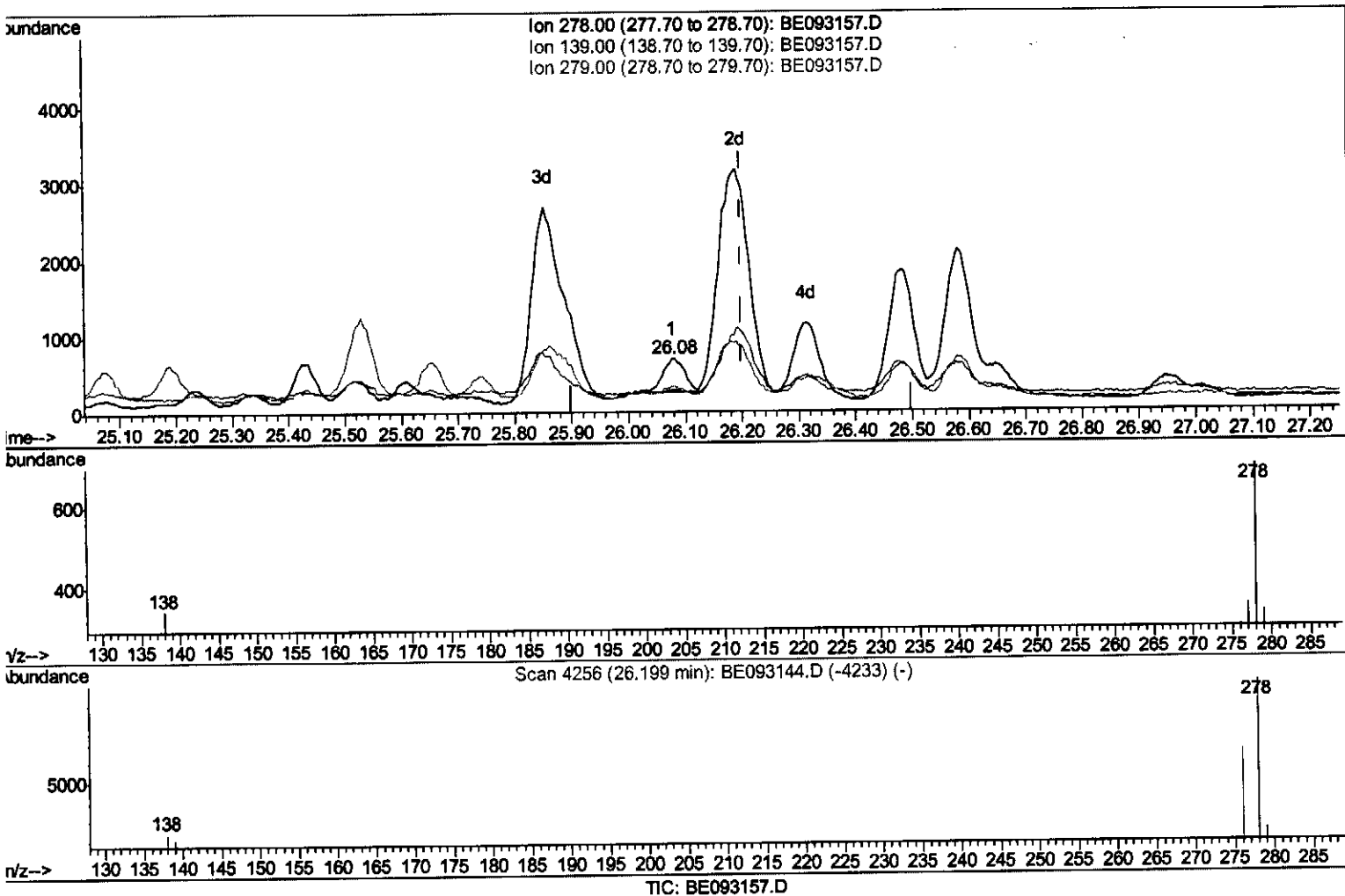
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Data File : BE093157.D
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Operator : SJ/MA
Sample : I3520-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B65

Manual Integrations
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Quant Time: Jun 14 11:44:18 2017
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(25) Dibenzo(a,h)anthracene

26.076min (-0.123) 0.01ng/ul

response 1117

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	41.95#
279.00	32.40	47.56#
0.00	0.00	0.00

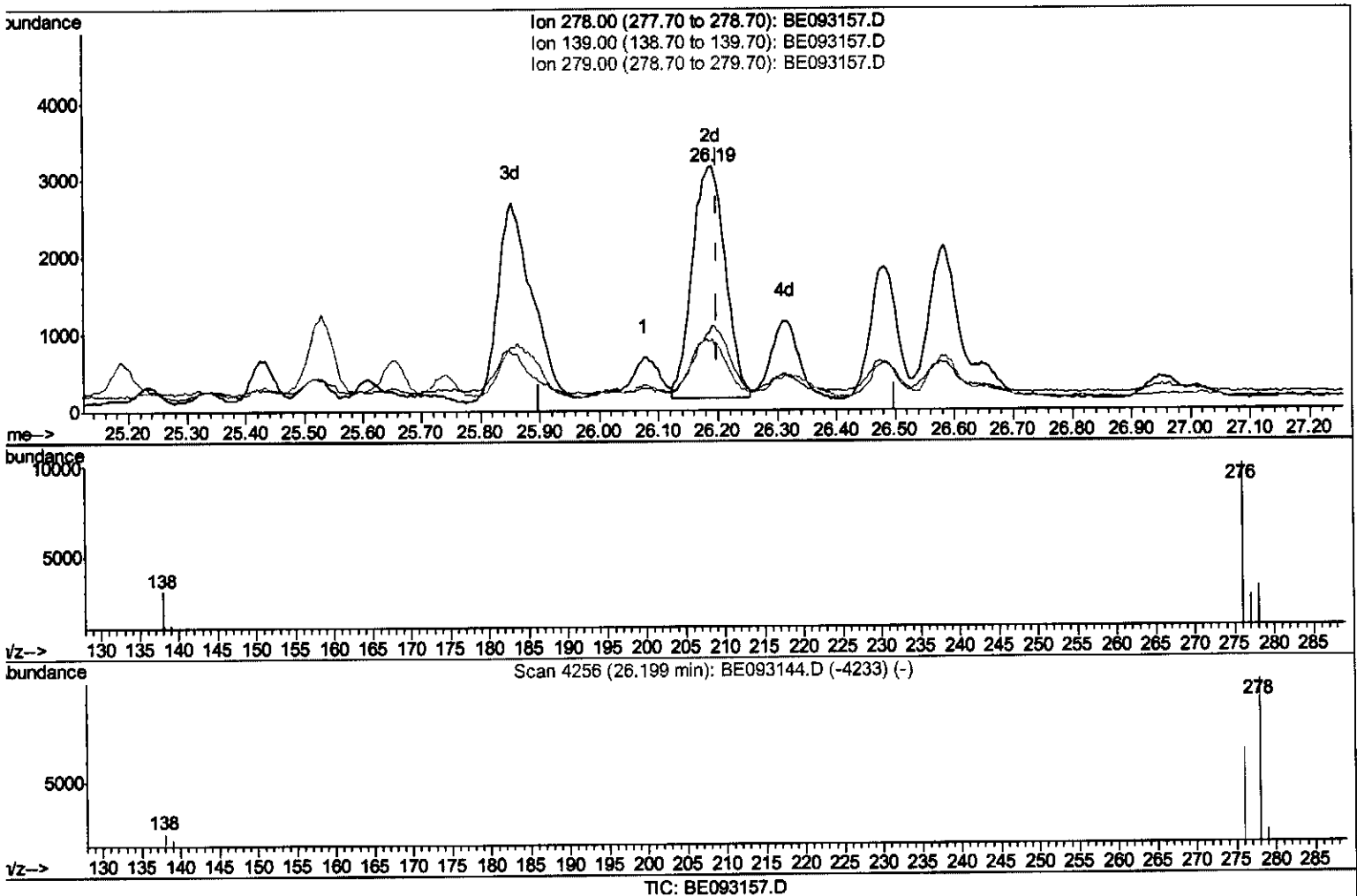
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
Data File : BE093157.D
Acq On : 14 Jun 2017 7:23
Operator : SJ/MA
Sample : I3520-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B65

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

Quant Time: Jun 14 11:44:18 2017
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QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

26.190min (-0.010) 0.15ng/ul m

response 11674

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	34.36#
279.00	32.40	28.95
0.00	0.00	0.00

✓
06/21/17

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061317\
 Data File : BE093157.D
 Acq On : 14 Jun 2017 7:23
 Operator : SJ/MA
 Sample : I3520-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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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	7.74	152	4607	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	22940	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	14022	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	33521	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	35423	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	28683m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	6706	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	18146	0.20	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	1944	0.034	ng/ul#	90
7) Acenaphthylene	14.08	152	10811	0.180	ng/ul	97
12) Phenanthrene	17.13	178	6798	0.074	ng/ul#	88
13) Anthracene	17.22	178	10970	0.137	ng/ul#	89
15) Fluoranthene	19.15	202	69111	0.611	ng/ul	84
17) Pyrene	19.51	202	101308	0.970	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	46655	0.494	ng/ul#	84
19) Chrysene	21.29	228	68652	0.700	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	137560	1.580	ng/ul	86
22) Benzo(k)fluoranthene	22.97	252	44170m	0.478	ng/ul	} SJ 06/21/17
23) Benzo(a)pyrene	23.55	252	63060m	0.766	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.17	276	45072m	0.473	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	11674m	0.145	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	37098	0.454	ng/ul	96

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