Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\

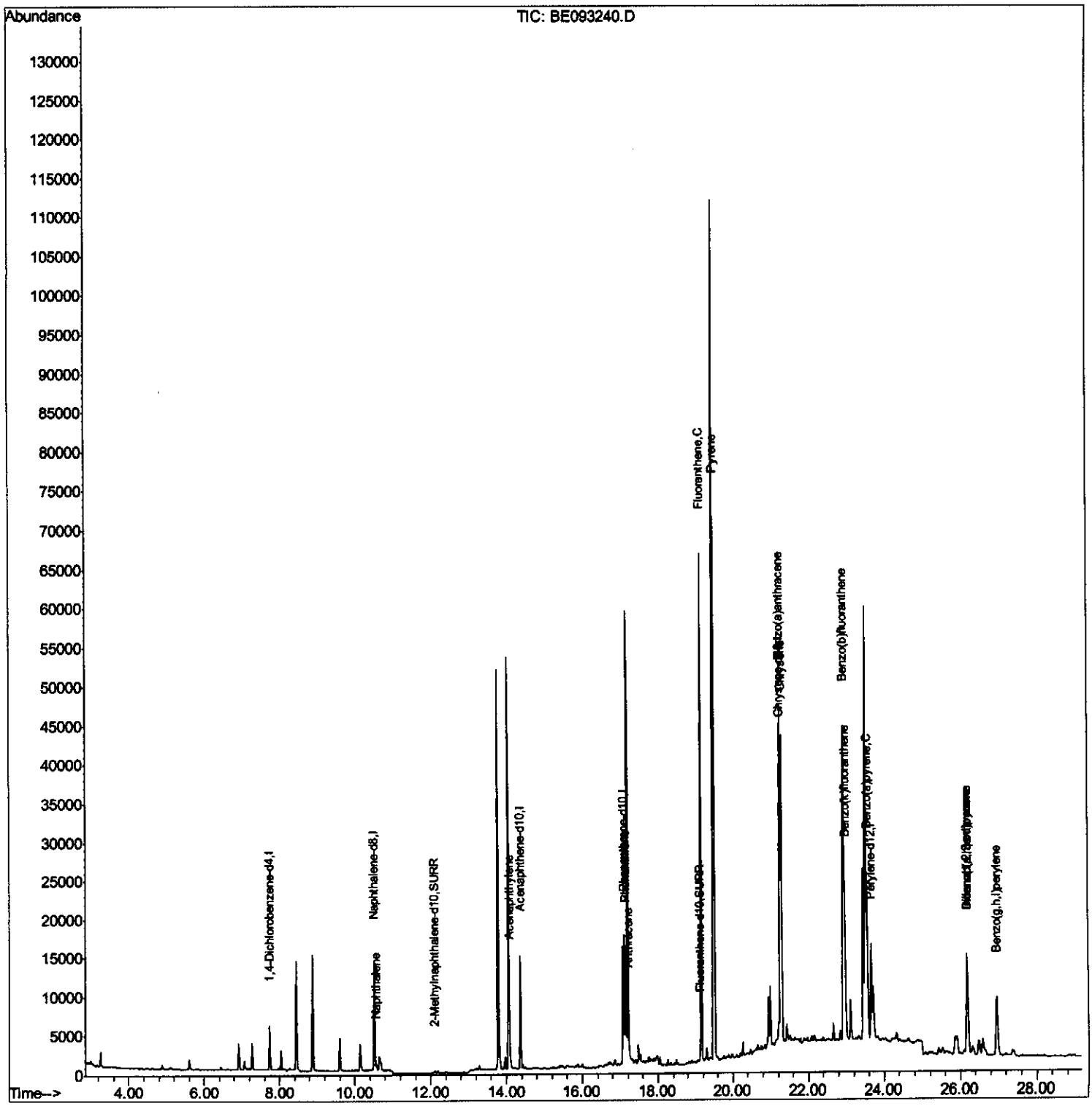
Quantitation Report (QT Reviewed)

Data File : BE093240.D
Acq On : 16 Jun 2017 15:40
Operator : SJ/MA
Sample : I3521-16DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 19 07:30:40 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 16:46:59 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5C36DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:51 AM



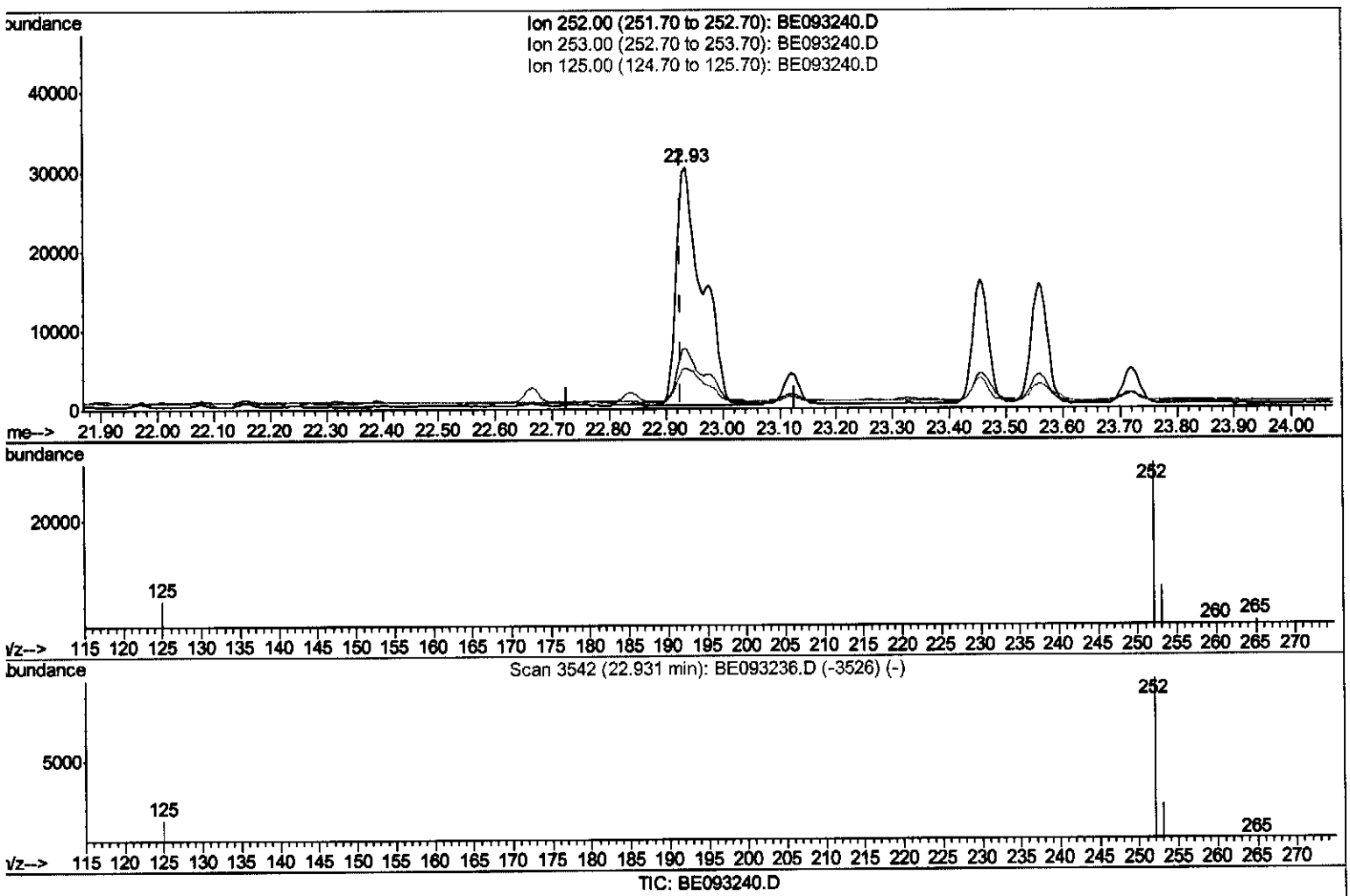
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061517\
Data File : BE093240.D
Acq On : 16 Jun 2017 15:40
Operator : SJ/MA
Sample : I3521-16DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 16 16:50:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 16:46:59 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5C36DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:51 AM



(21) Benzo(b)fluoranthene

22.934min (+0.008) 1.82ng/ul

response 94587

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.91
125.00	17.50	16.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061517\
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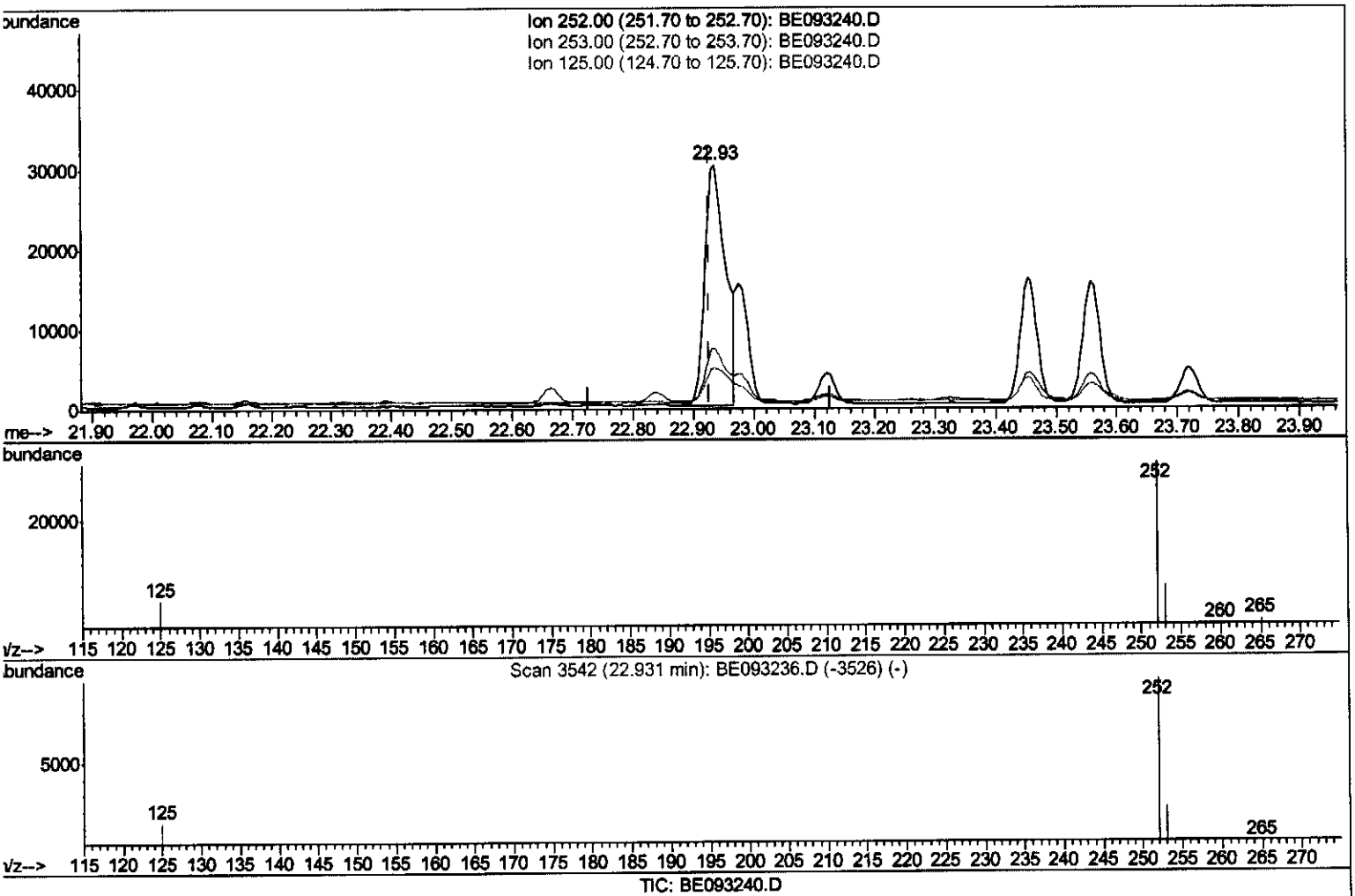
F5C36DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:51 AM



(21) Benzo(b)fluoranthene

22.934min (+0.008) 1.38ng/ul m > SJ 06/21/17

response 71677

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.91
125.00	17.50	16.63
0.00	0.00	0.00

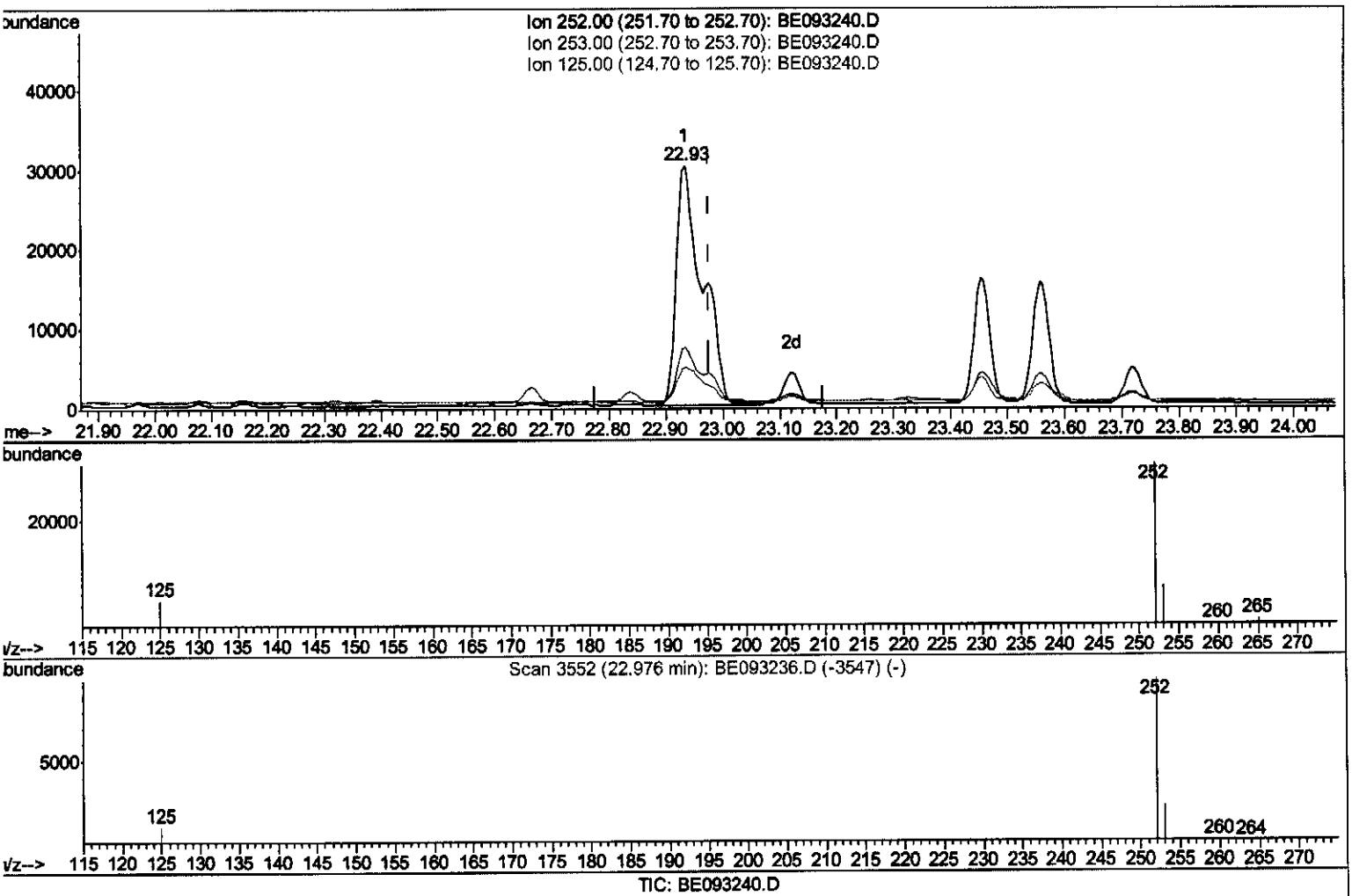
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061517\
Data File : BE093240.D
Acq On : 16 Jun 2017 15:40
Operator : SJ/MA
Sample : I3521-16DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 16 16:50:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 16:46:59 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5C36DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:51 AM



(22) Benzo(k)fluoranthene

22.934min (-0.042) 1.71ng/ul

response 94587

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.91
125.00	17.10	16.63
0.00	0.00	0.00

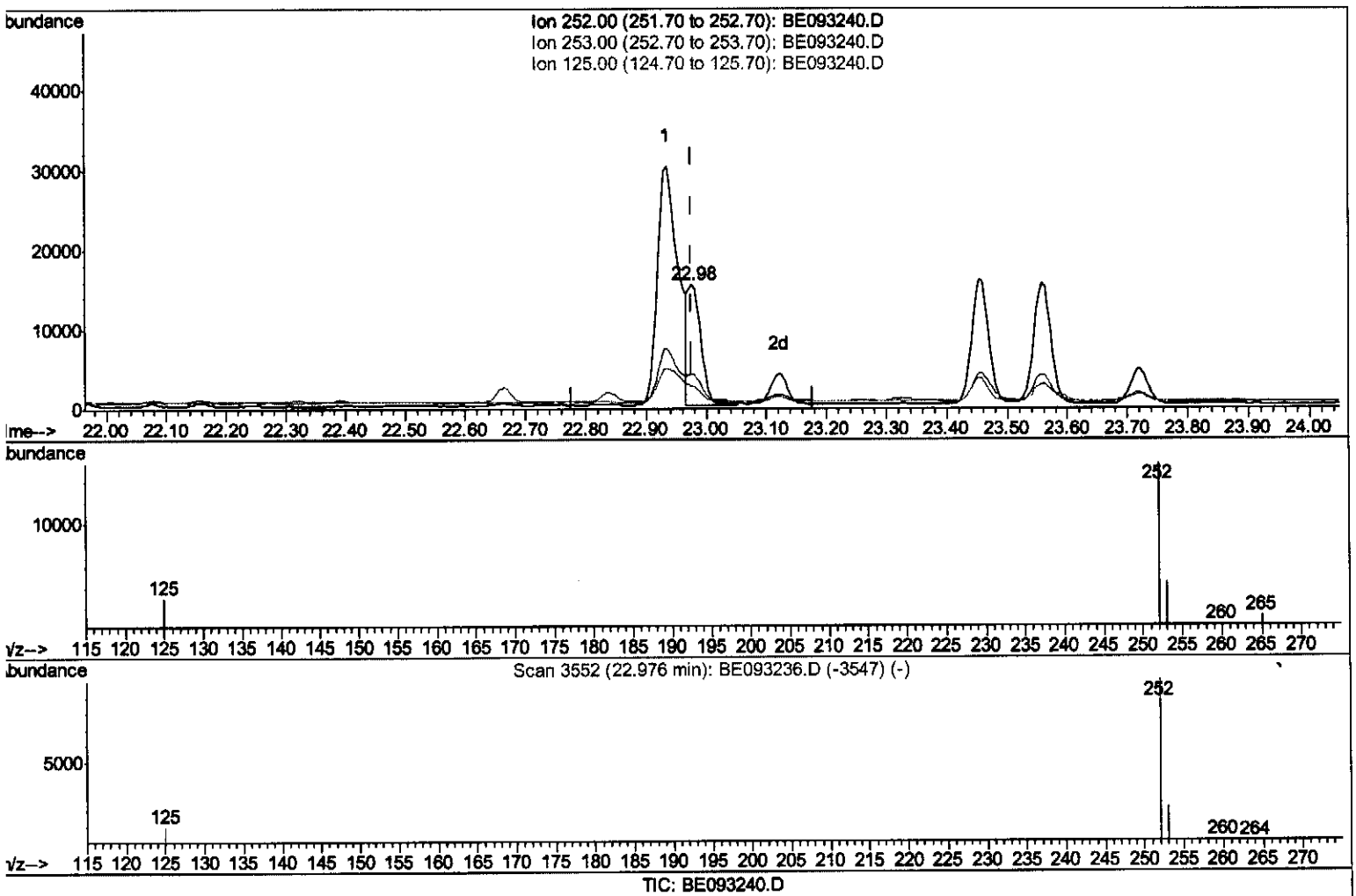
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061517\
Data File : BE093240.D
Acq On : 16 Jun 2017 15:40
Operator : SJ/MA
Sample : I3521-16DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 16 16:50:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 16:46:59 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5C36DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:51 AM



(22) Benzo(k)fluoranthene

22.975min (-0.001) 0.42ng/ul m > SJ 06121117

response 23067

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.97
125.00	17.10	19.03
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\

Quantitation Report (QT Reviewed)

Data File : BE093240.D
Acq On : 16 Jun 2017 15:40
Operator : SJ/MA
Sample : I3521-16DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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QLast Update : Fri Jun 16 16:46:59 2017
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Instrument : BNA_E
ClientSampleId : F5C36DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:51 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2795	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	14483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8305	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20498	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	20143	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	17153	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	456	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1152	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1196	0.03	ng/ul#	84
7) Acenaphthylene	14.09	152	5017	0.14	ng/ul	100
12) Phenanthrene	17.14	178	16398	0.29	ng/ul#	88
13) Anthracene	17.22	178	6425	0.13	ng/ul#	91
15) Fluoranthene	19.16	202	69479	1.00	ng/ul	83
17) Pyrene	19.52	202	72139	1.21	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	34351	0.64	ng/ul#	87
19) Chrysene	21.29	228	45417	0.81	ng/ul	96
21) Benzo(b)fluoranthene	22.93	252	71677m	1.38	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	23067m	0.42	ng/ul	
23) Benzo(a)pyrene	23.56	252	30946	0.63	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.18	276	22192	0.39	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.20	278	5840	0.12	ng/ul#	52
26) Benzo(g,h,i)perylene	26.96	276	17128	0.35	ng/ul#	90

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

SJ
06/21/17