Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\

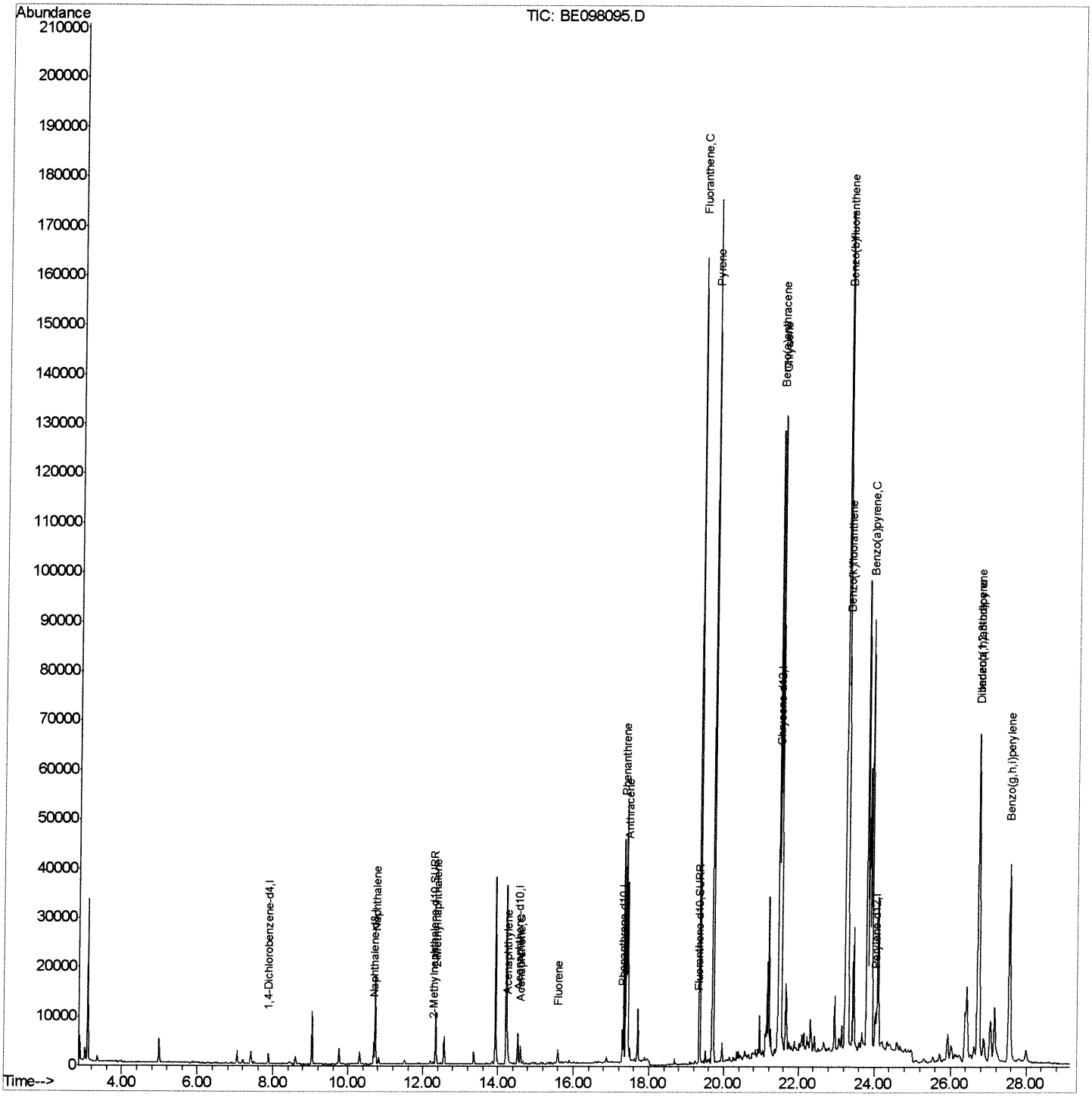
Quantitation Report (QT Reviewed)

Data File : BE098095.D
Acq On : 26 Oct 2018 19:06
Operator : SJ/JU
Sample : J5598-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 00:42:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 27 00:33:42 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE4DL

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:27 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\

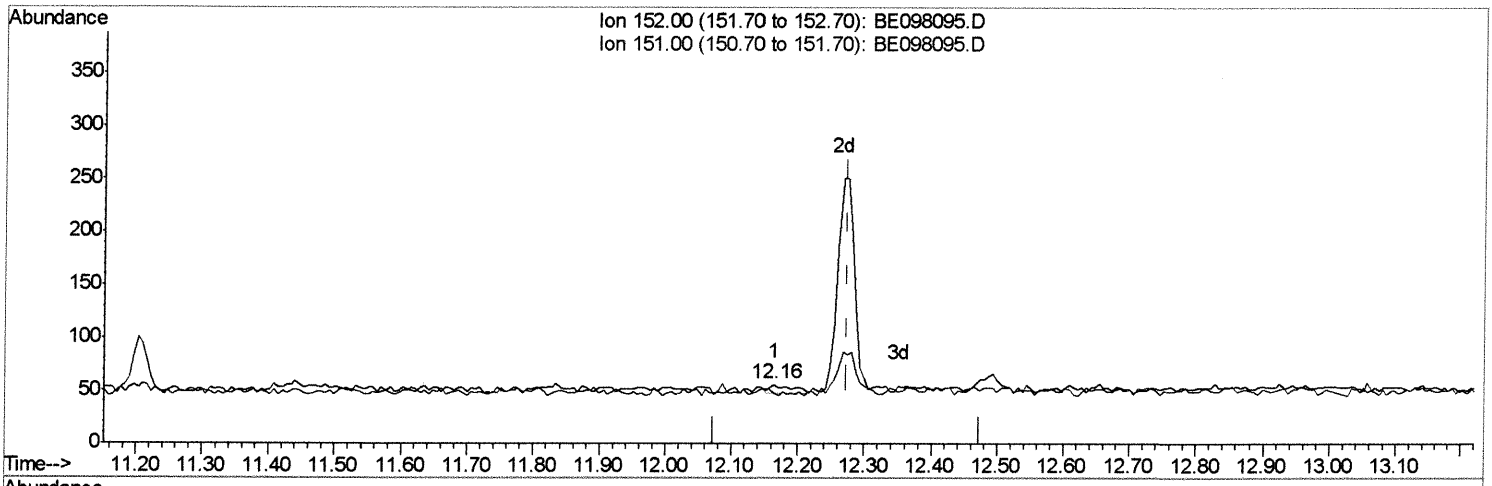
Quantitation Report (Qedit)

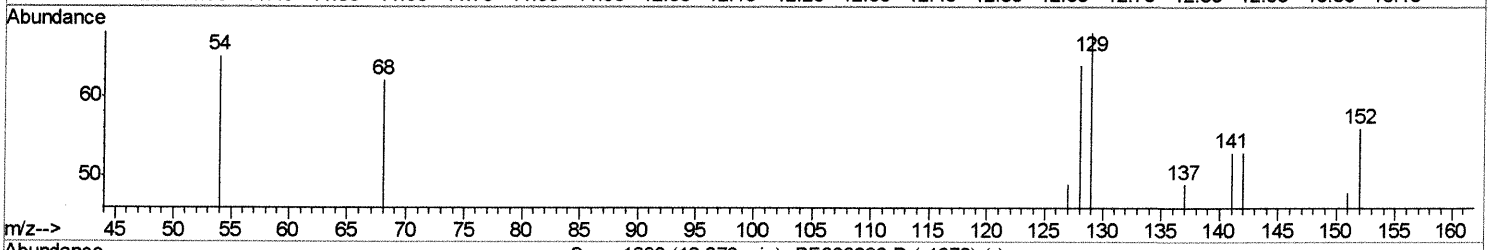
Data File : BE098095.D
Acq On : 26 Oct 2018 19:06
Operator : SJ/JU
Sample : J5598-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

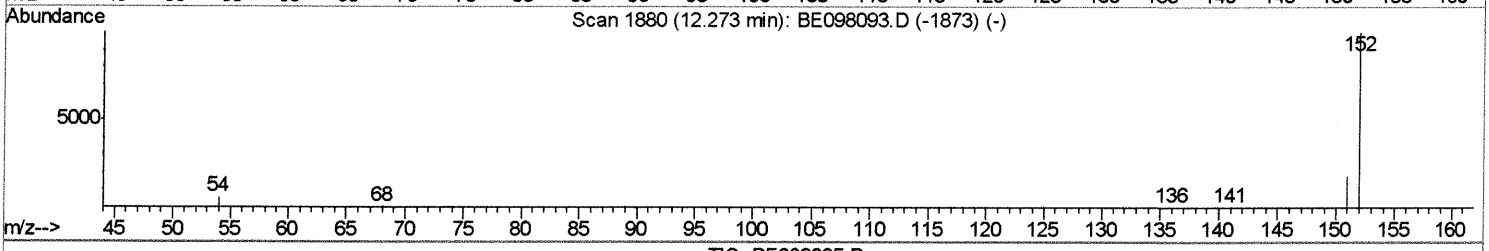
Quant Time: Oct 27 00:36:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 27 00:33:42 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE4DL

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:27 PM







TIC: BE098095.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.163min (-0.110) 0.00ng/ul

response 17

Ion	Exp%	Act%
152.00	100	100
151.00	20.10	17.65
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\

Quantitation Report (Qedit)

Data File : BE098095.D
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Operator : SJ/JU
Sample : J5598-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 00:36:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
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QLast Update : Sat Oct 27 00:33:42 2018
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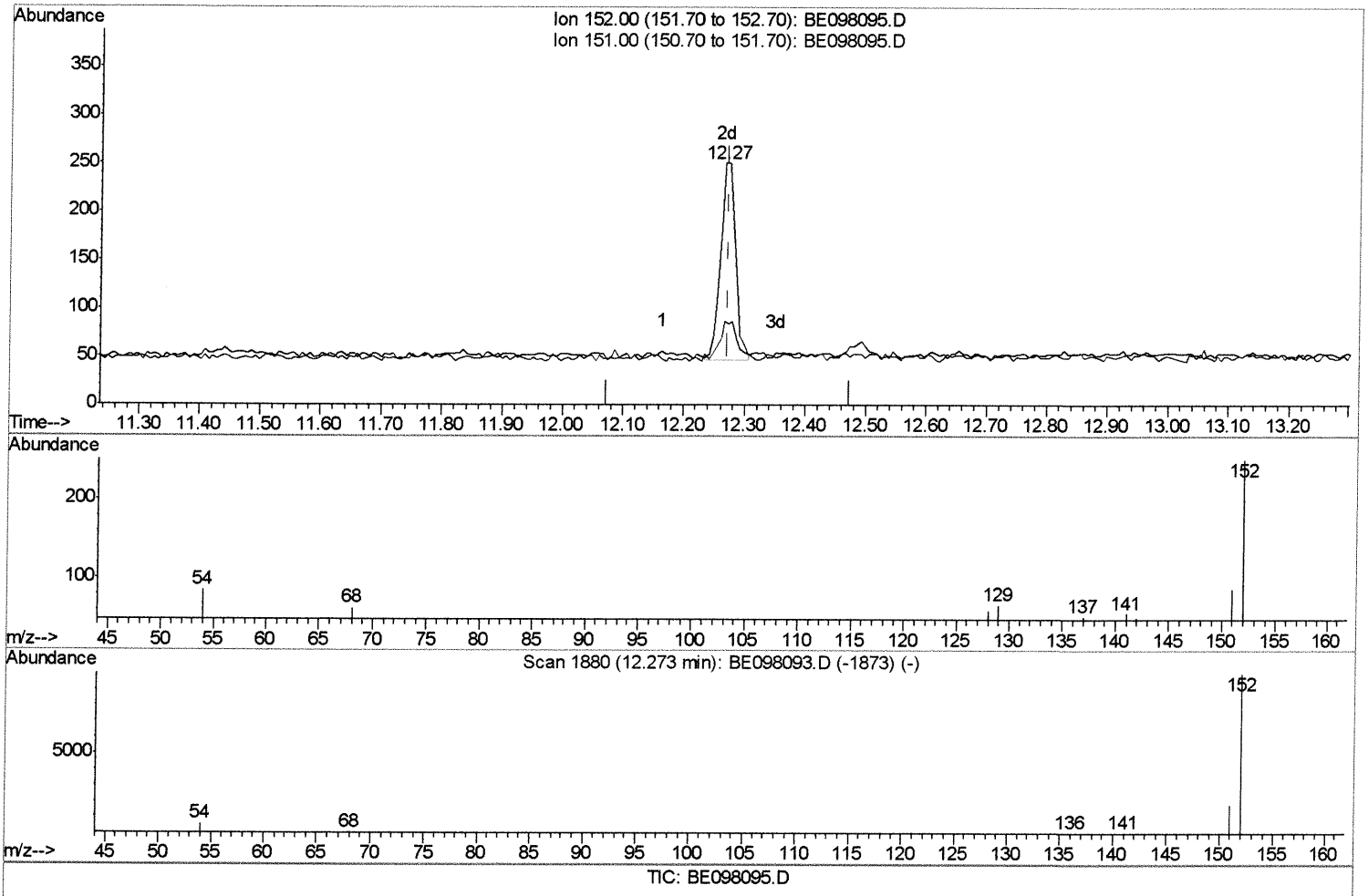
Instrument :
BNA_E
ClientSampleId :
C0AE4DL

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:27 PM



TIC: BE098095.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.267min (-0.007) 0.04ng/ul m) SJ 10/30/18

response 355

Ion	Exp%	Act%
152.00	100	100
151.00	20.10	0.85#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\

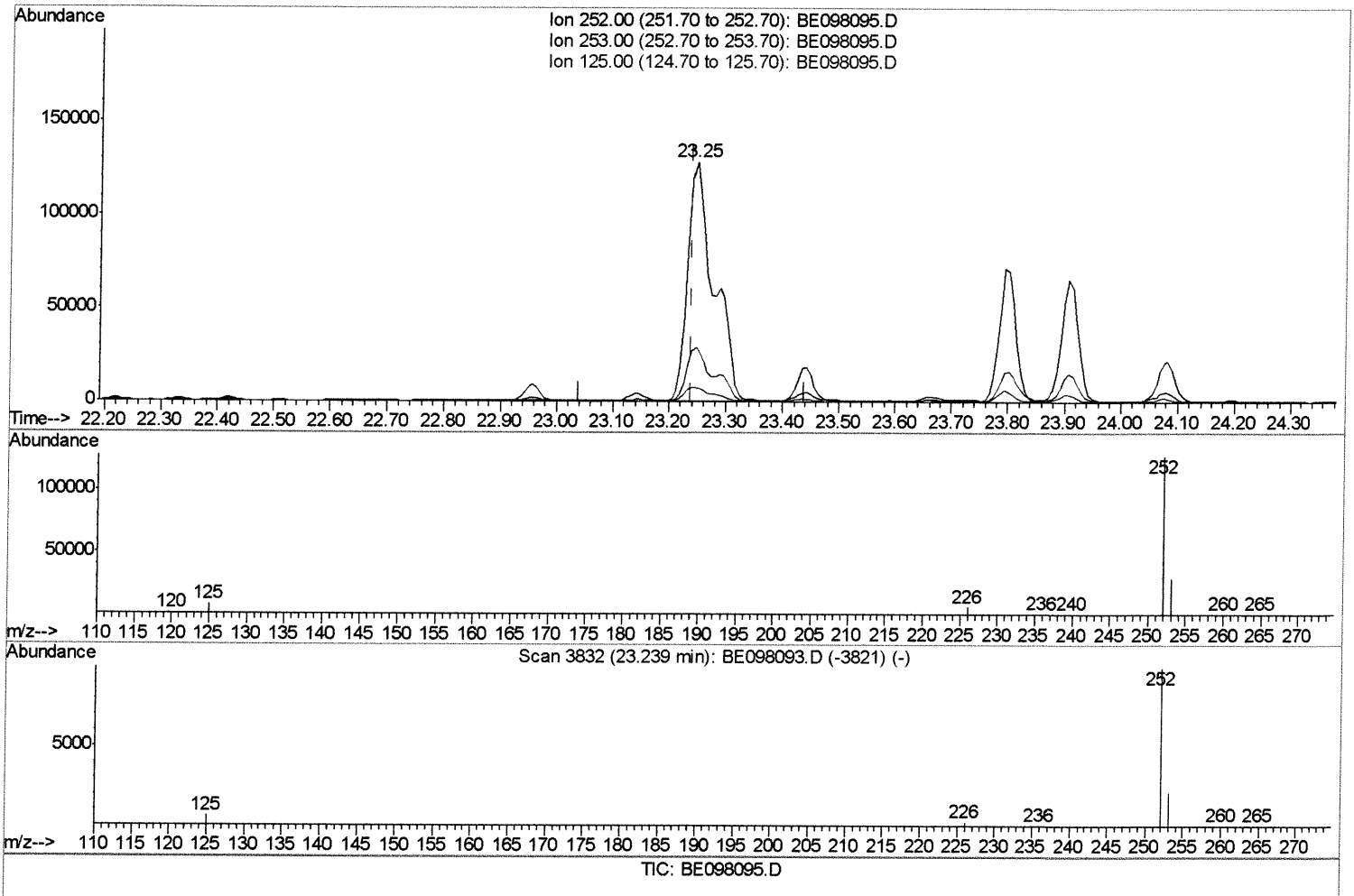
Quantitation Report (Qedit)

Data File : BE098095.D
Acq On : 26 Oct 2018 19:06
Operator : SJ/JU
Sample : J5598-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 00:36:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 27 00:33:42 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE4DL

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:27 PM



(21) Benzo(b)fluoranthene

23.245min (+0.006) 14.79ng/ul

response 410097

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	22.83
125.00	8.40	6.10
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\

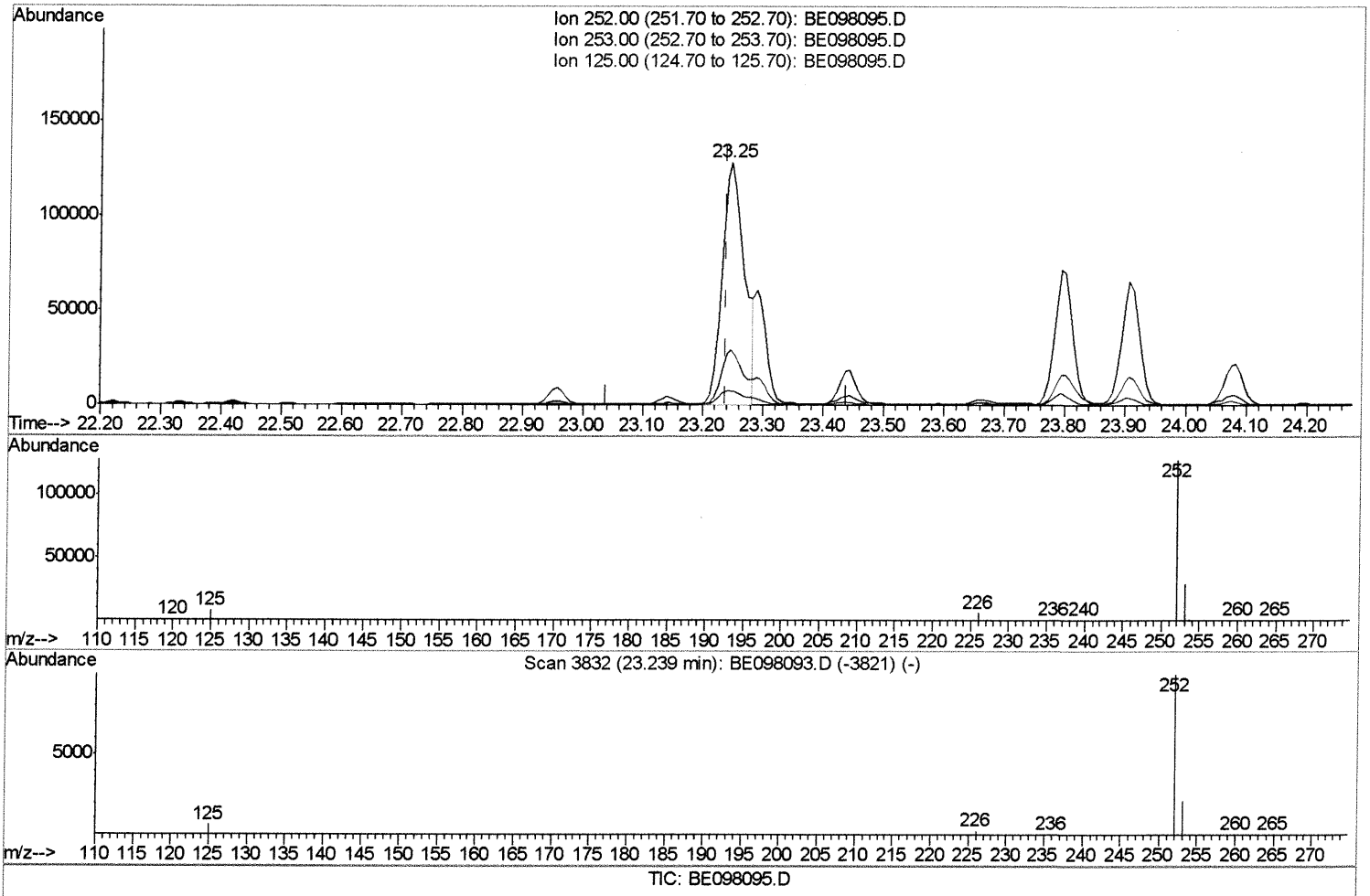
Quantitation Report (Qedit)

Data File : BE098095.D
Acq On : 26 Oct 2018 19:06
Operator : SJ/JU
Sample : J5598-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 00:36:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 27 00:33:42 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE4DL

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:27 PM



(21) Benzo(b)fluoranthene

23.245min (+0.006) 11.86ng/ul m> SJ 10/30/18

response 328791

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	22.83
125.00	8.40	6.10
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\

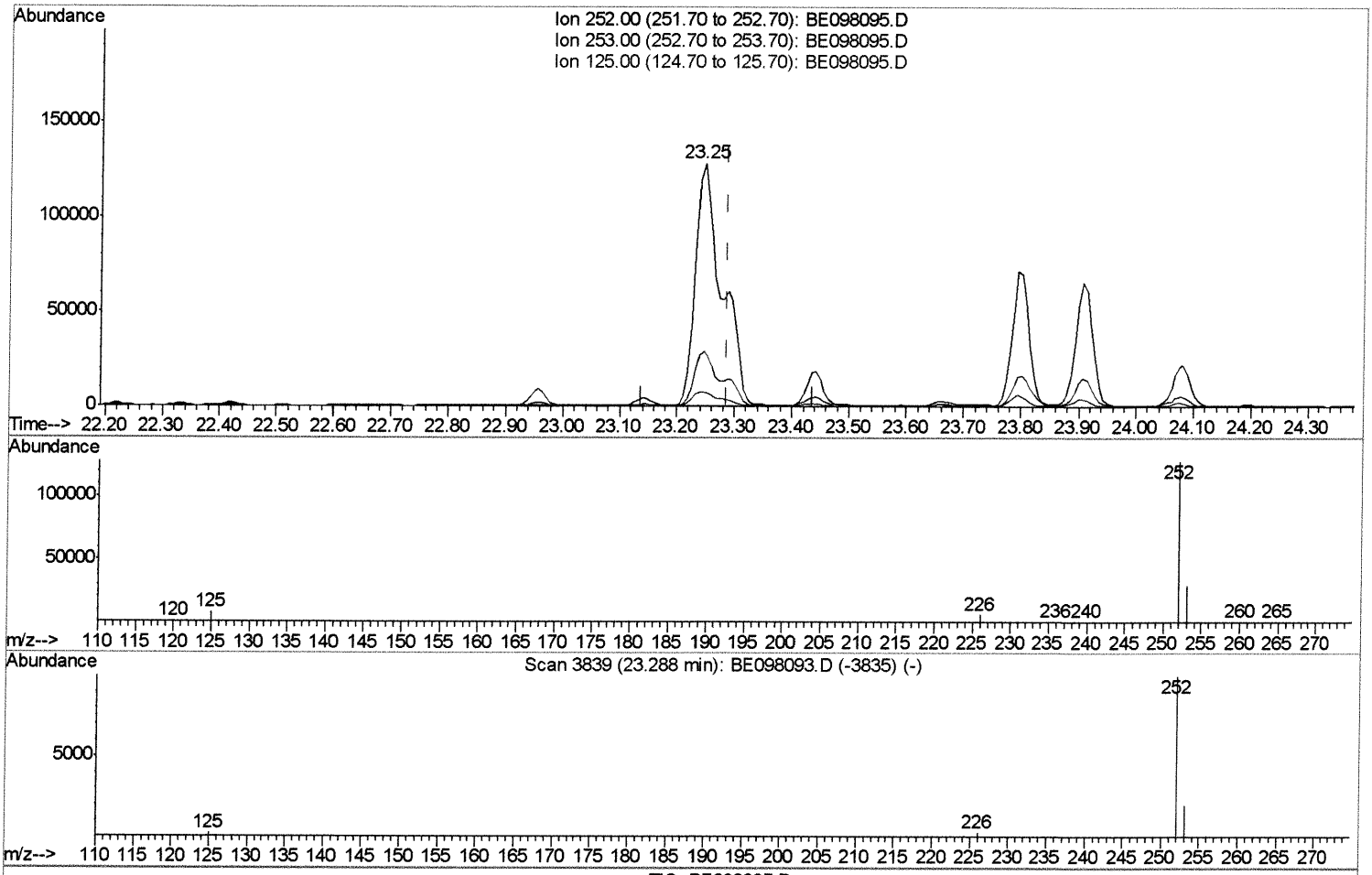
Quantitation Report (Qedit)

Data File : BE098095.D
Acq On : 26 Oct 2018 19:06
Operator : SJ/JU
Sample : J5598-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 00:36:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 27 00:33:42 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE4DL

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:27 PM



(22) Benzo(k)fluoranthene

23.245min (-0.043) 15.11ng/ul

response 410097

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	22.83
125.00	7.70	6.10#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\

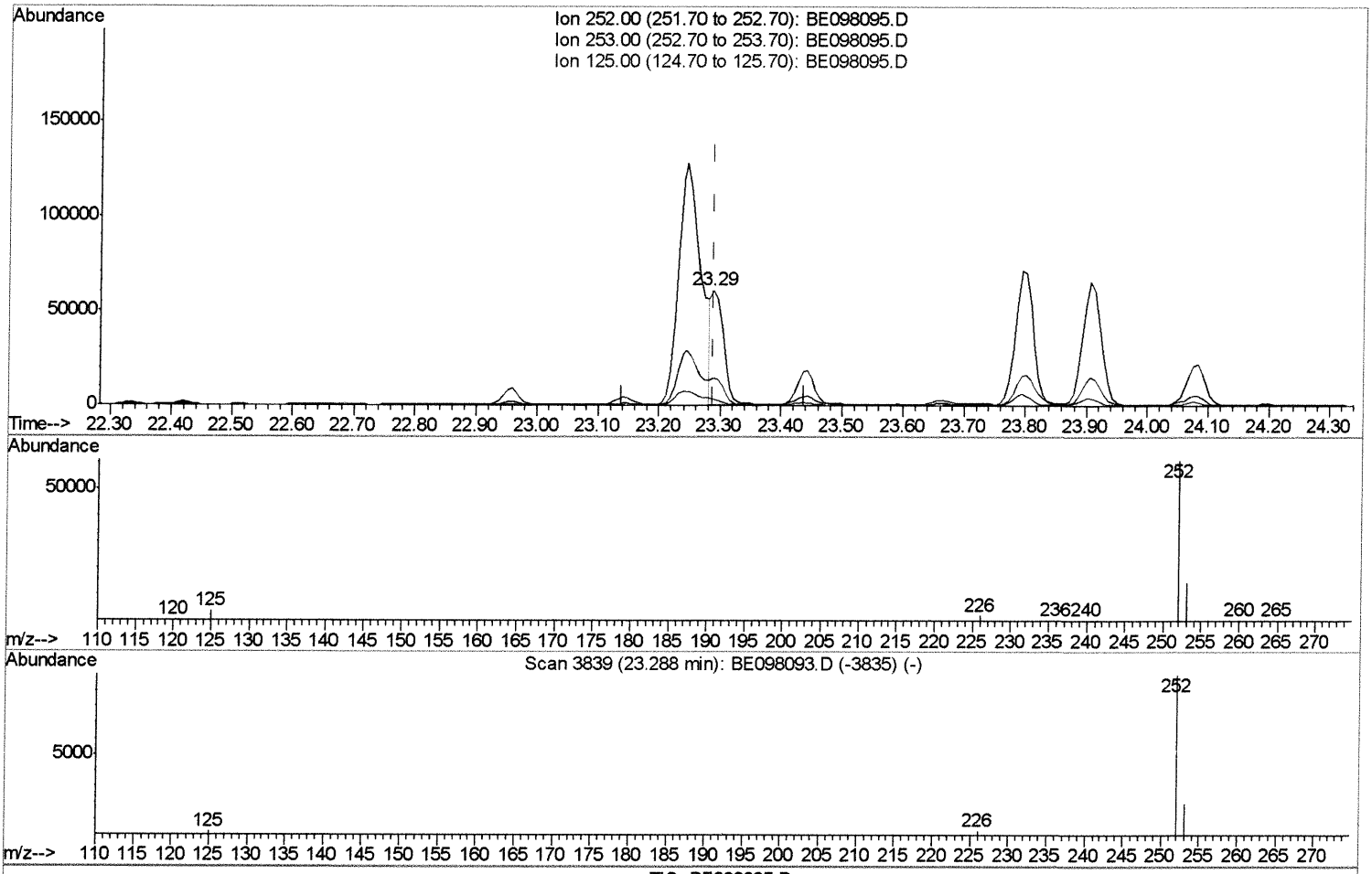
Quantitation Report (Qedit)

Data File : BE098095.D
Acq On : 26 Oct 2018 19:06
Operator : SJ/JU
Sample : J5598-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 00:36:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 27 00:33:42 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE4DL

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:27 PM



(22) Benzo(k)fluoranthene

23.288min (-0.001) 2.97ng/ul m) SJ 10/30/18

response 80616

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	24.13
125.00	7.70	6.13#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\

Quantitation Report (QT Reviewed)

Data File : BE098095.D
Acq On : 26 Oct 2018 19:06
Operator : SJ/JU
Sample : J5598-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 00:42:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
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Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : C0AE4DL

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	936	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	4828	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3491	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	8291	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	12087	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	10010	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	355m	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	1044	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	27434	2.374	ng/ul	95
5) 2-Methylnaphthalene	12.34	142	8680	0.994	ng/ul	99
7) Acenaphthylene	14.25	152	7703	0.559	ng/ul	99
8) Acenaphthene	14.60	153	2179	0.212	ng/ul	97
9) Fluorene	15.59	166	1811	0.146	ng/ul#	93
12) Phenanthrene	17.33	178	46122	2.410	ng/ul	99
13) Anthracene	17.42	178	40763	2.157	ng/ul	100
15) Fluoranthene	19.35	202	186664	7.651	ng/ul	99
17) Pyrene	19.71	202	203484	7.210	ng/ul	97
18) Benzo(a)anthracene	21.45	228	134017	3.771	ng/ul	98
19) Chrysene	21.51	228	150548	5.476	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	328791m	11.855	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	80616m	2.970	ng/ul	
23) Benzo(a)pyrene	23.91	252	135273	5.071	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	26.72	276	128234	4.195	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.73	278	29928	1.175	ng/ul	97
26) Benzo(g,h,i)perylene	27.55	276	104961	4.079	ng/ul	96

SJ 10/30/18

SJ 10/30/18

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