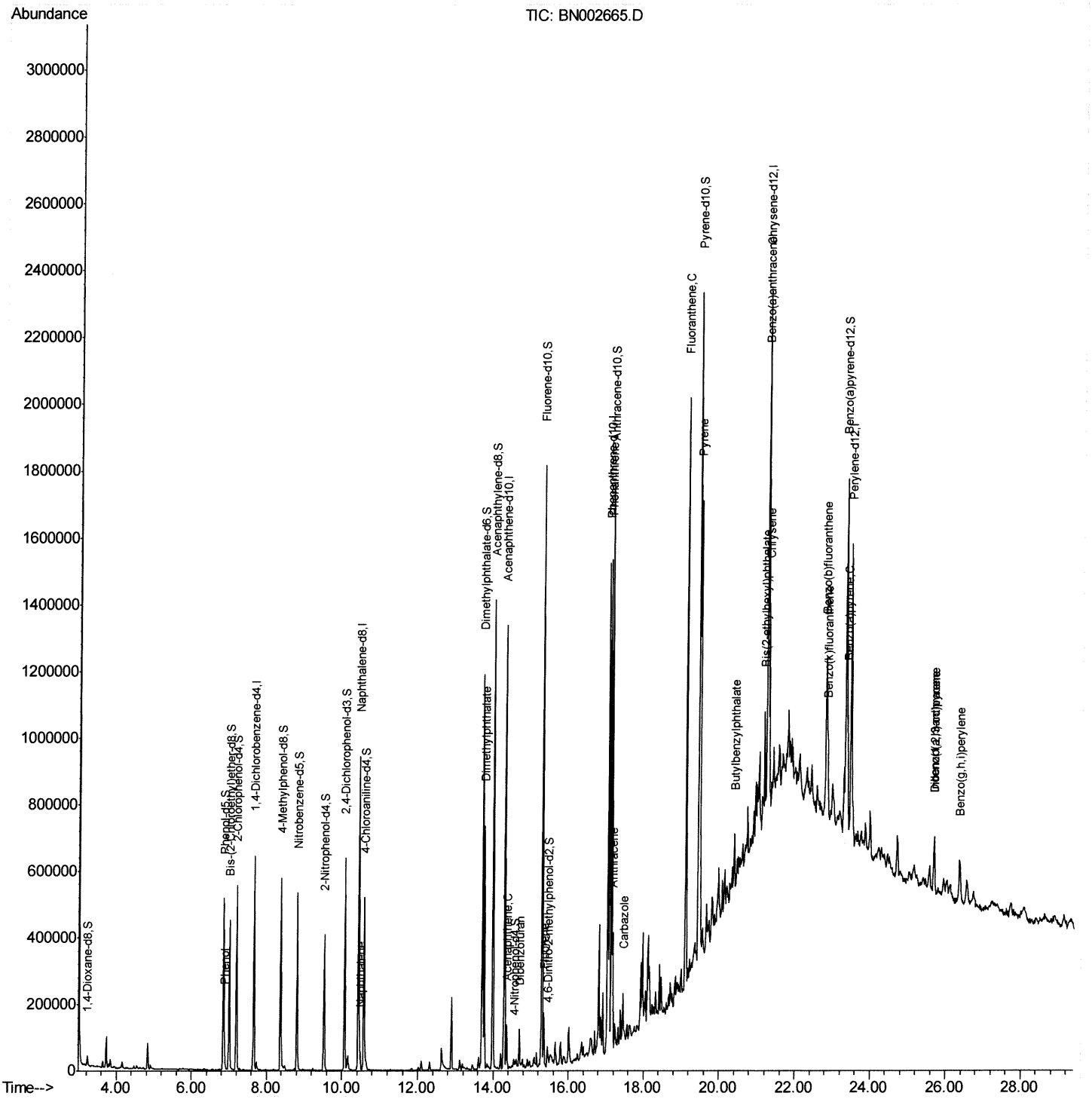
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002665.D
Acq On : 12 Sep 2018 21:13
Operator : JU/SJ
Sample : J4792-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 13 07:12:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YZ3

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:20 PM



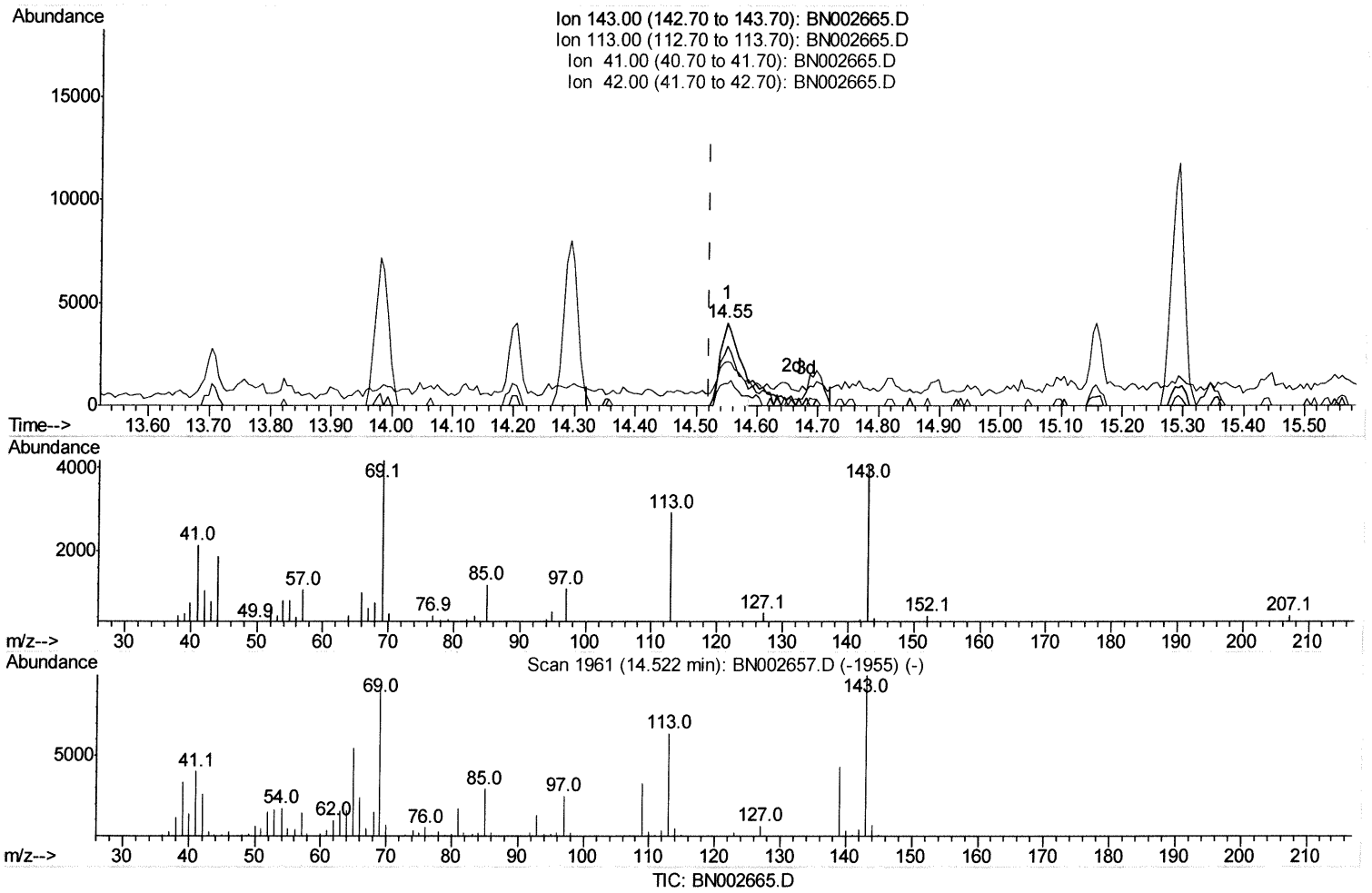
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002665.D
Acq On : 12 Sep 2018 21:13
Operator : JU/SJ
Sample : J4792-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 13 06:01:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YZ3

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:20 PM



(51) 4-Nitrophenol-d4 (S)

14.551min (+0.029) 1.31ng/ul

response 8899

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	72.41
41.00	28.80	53.01#
42.00	19.10	26.05#

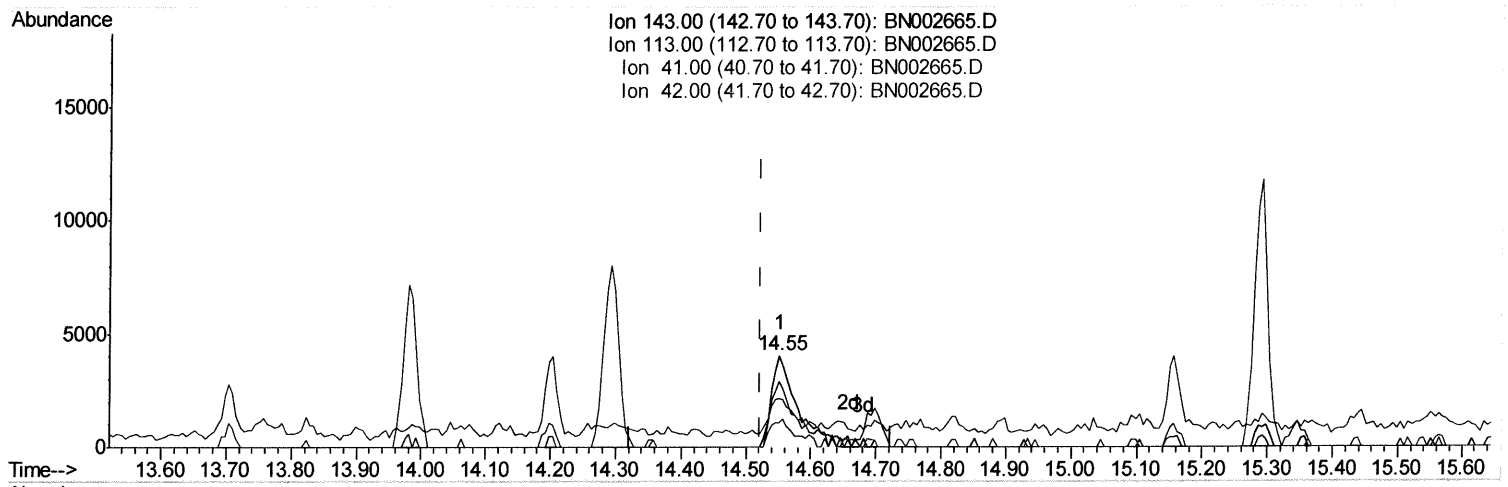
Quantitation Report (Qedit)

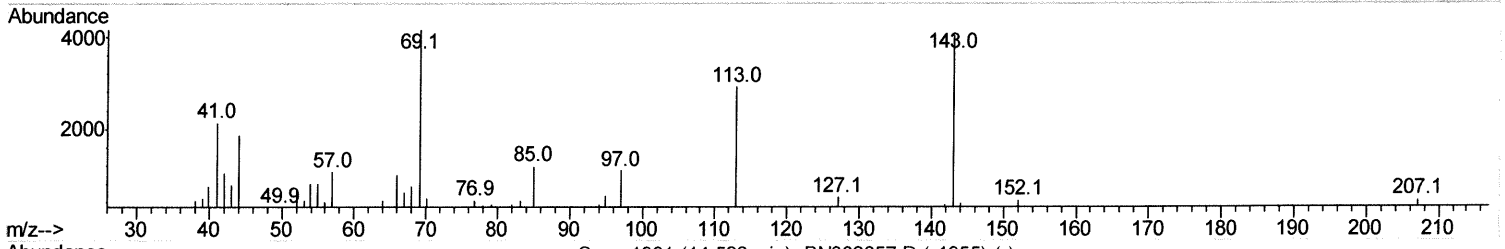
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002665.D
Acq On : 12 Sep 2018 21:13
Operator : JU/SJ
Sample : J4792-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 13 06:01:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

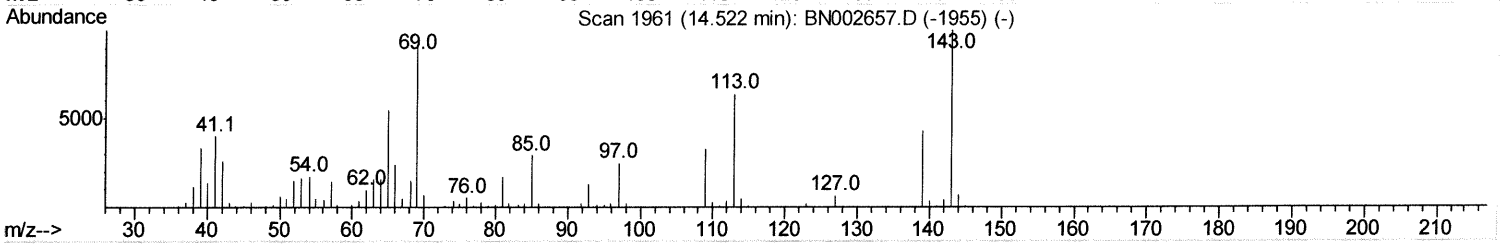
Instrument :
BNA_N
ClientSampleId :
A3YZ3

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:20 PM





Scan 1961 (14.522 min): BN002657.D (-1955) (-)



TIC: BN002665.D

(51) 4-Nitrophenol-d4 (S)

14.551min (+0.029) 1.67ng/ul m SJ 9/14/18

response 11322

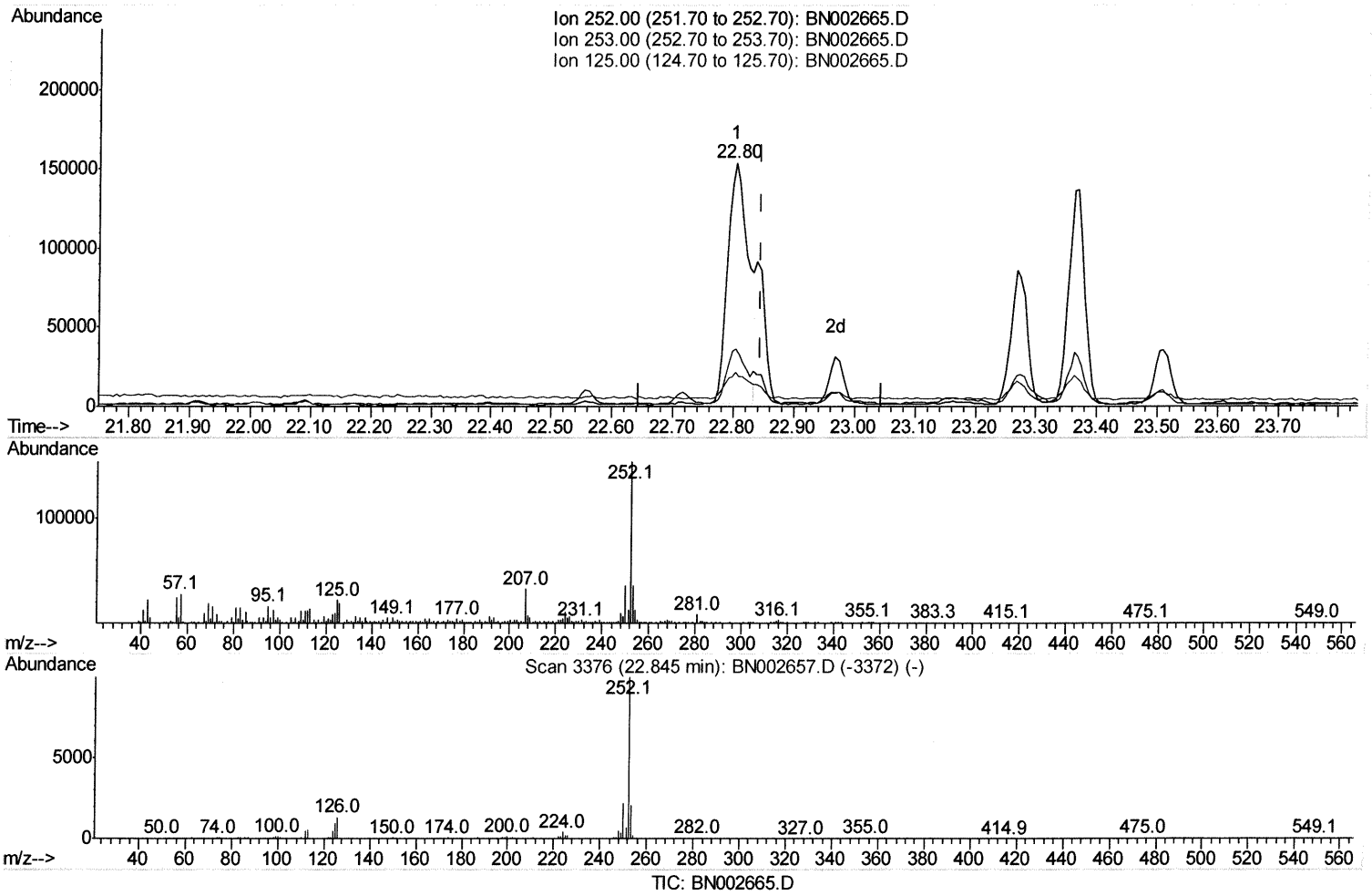
Ion	Exp%	Act%
143.00	100	100
113.00	75.10	72.41
41.00	28.80	53.01#
42.00	19.10	26.05#

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002665.D
Acq On : 12 Sep 2018 21:13
Operator : JU/SJ
Sample : J4792-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 13 06:01:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YZ3

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:20 PM



Scan 3376 (22.845 min): BN002657.D (-3372) (-)

TIC: BN002665.D

(88) Benzo(k)fluoranthene

22.804min (-0.041) 10.45ng/ul

response 368027

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.56
125.00	10.20	14.33#
0.00	0.00	0.00

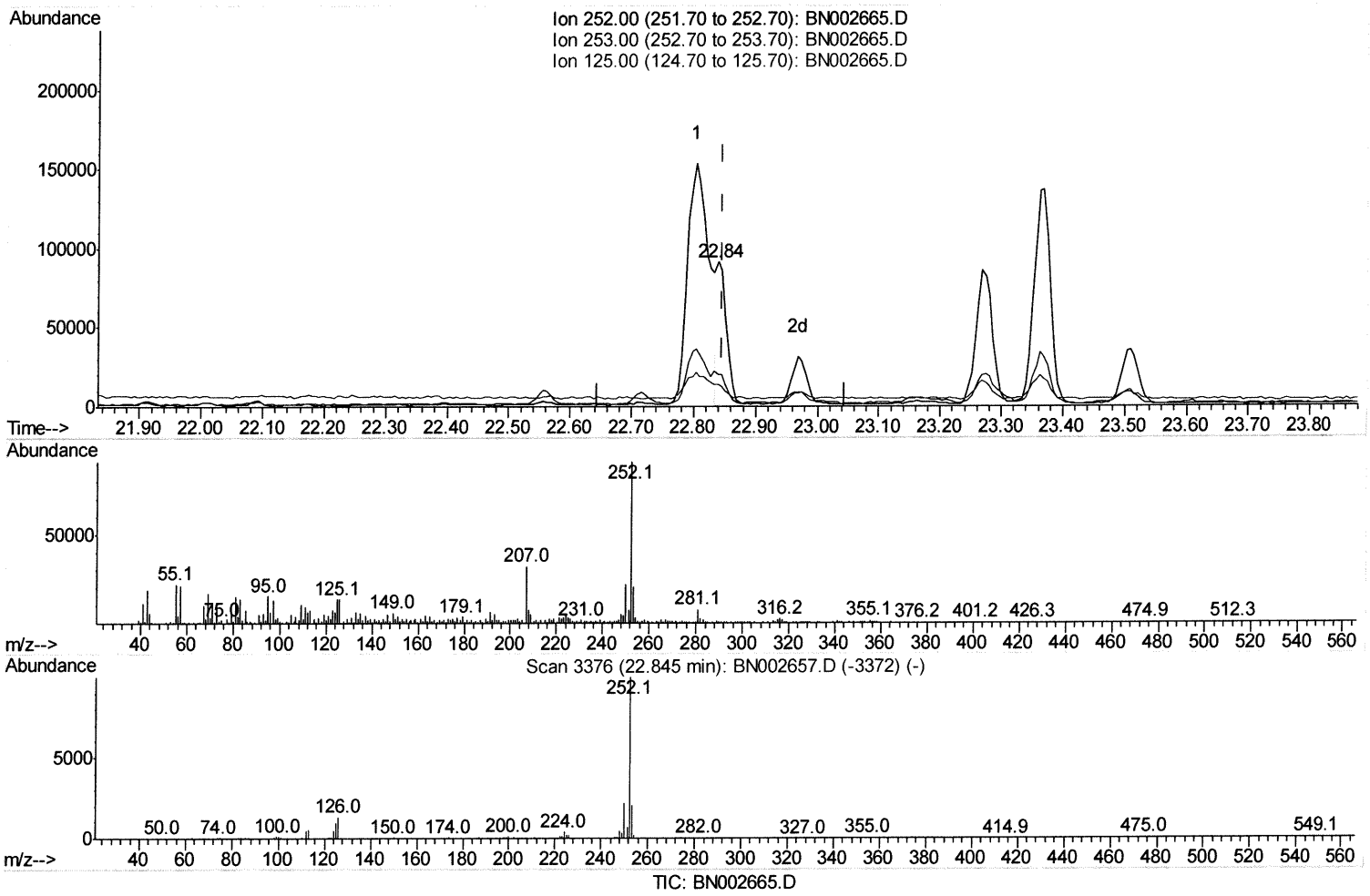
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002665.D
Acq On : 12 Sep 2018 21:13
Operator : JU/SJ
Sample : J4792-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 13 06:01:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YZ3

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:20 PM



TIC: BN002665.D

(88) Benzo(k)fluoranthene

22.839min (-0.006) 2.77ng/ul m SJ 9/14/18

response 97685

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.54
125.00	10.20	15.24#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002665.D
Acq On : 12 Sep 2018 21:13
Operator : JU/SJ
Sample : J4792-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 13 07:12:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A3YZ3

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	176768	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	783015	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	433652	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	852891	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	602112	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	623827	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	13933	3.72	ng/uL	0.00
5) Phenol-d5	6.85	99	307424	18.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	204281	20.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	257345	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	225953	17.44	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	131168	21.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	137345	20.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	245596	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	299682	23.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	810676	22.55	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1003323	22.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	11322m	— 1.67	ng/ul	0.03
57) Fluorene-d10	15.29	176	693371	22.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	9245	1.70	ng/ul	0.01
70) Anthracene-d10	17.14	188	949550	23.30	ng/ul	0.00
78) Pyrene-d10	19.44	212	851773	29.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	775163	23.76	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	16522	1.001	ng/ul#	75
28) Naphthalene	10.48	128	45379	1.126	ng/ul	98
44) Dimethylphthalate	13.75	163	464435	13.173	ng/ul	99
49) Acenaphthene	14.36	153	51123	1.726	ng/ul	97
53) Dibenzofuran	14.70	168	55198	1.321	ng/ul	100
58) Fluorene	15.35	166	61500	1.799	ng/ul	99
69) Phenanthrene	17.09	178	859818	18.287	ng/ul	99
71) Anthracene	17.17	178	208591	4.374	ng/ul	99
74) Carbazole	17.45	167	77644	1.836	ng/ul	99
76) Fluoranthene	19.11	202	1023982	19.135	ng/ul	100
79) Pyrene	19.47	202	821910	22.639	ng/ul	99
80) Butylbenzylphthalate	20.38	149	17628	1.146	ng/ul#	83
82) Benzo(a)anthracene	21.23	228	335799	9.103	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	92813	4.022	ng/ul#	94
84) Chrysene	21.28	228	291283	8.343	ng/ul	96
87) Benzo(b)fluoranthene	22.80	252	368027	9.842	ng/ul#	94
88) Benzo(k)fluoranthene	22.84	252	97685m	— 2.773	ng/ul	
90) Benzo(a)pyrene	23.37	252	253413	7.114	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.67	276	162520	3.835	ng/ul	94
92) Dibenzo(a,h)anthracene	25.68	278	44908	1.268	ng/ul#	88
93) Benzo(g,h,i)perylene	26.35	276	143216	4.050	ng/ul	97

SJ 9/14/18

SJ 9/14/18

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002665.D
Acq On : 12 Sep 2018 21:13
Operator : JU/SJ
Sample : J4792-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 13 07:12:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
BNA_N
ClientSampleId :
A3YZ3

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:20 PM