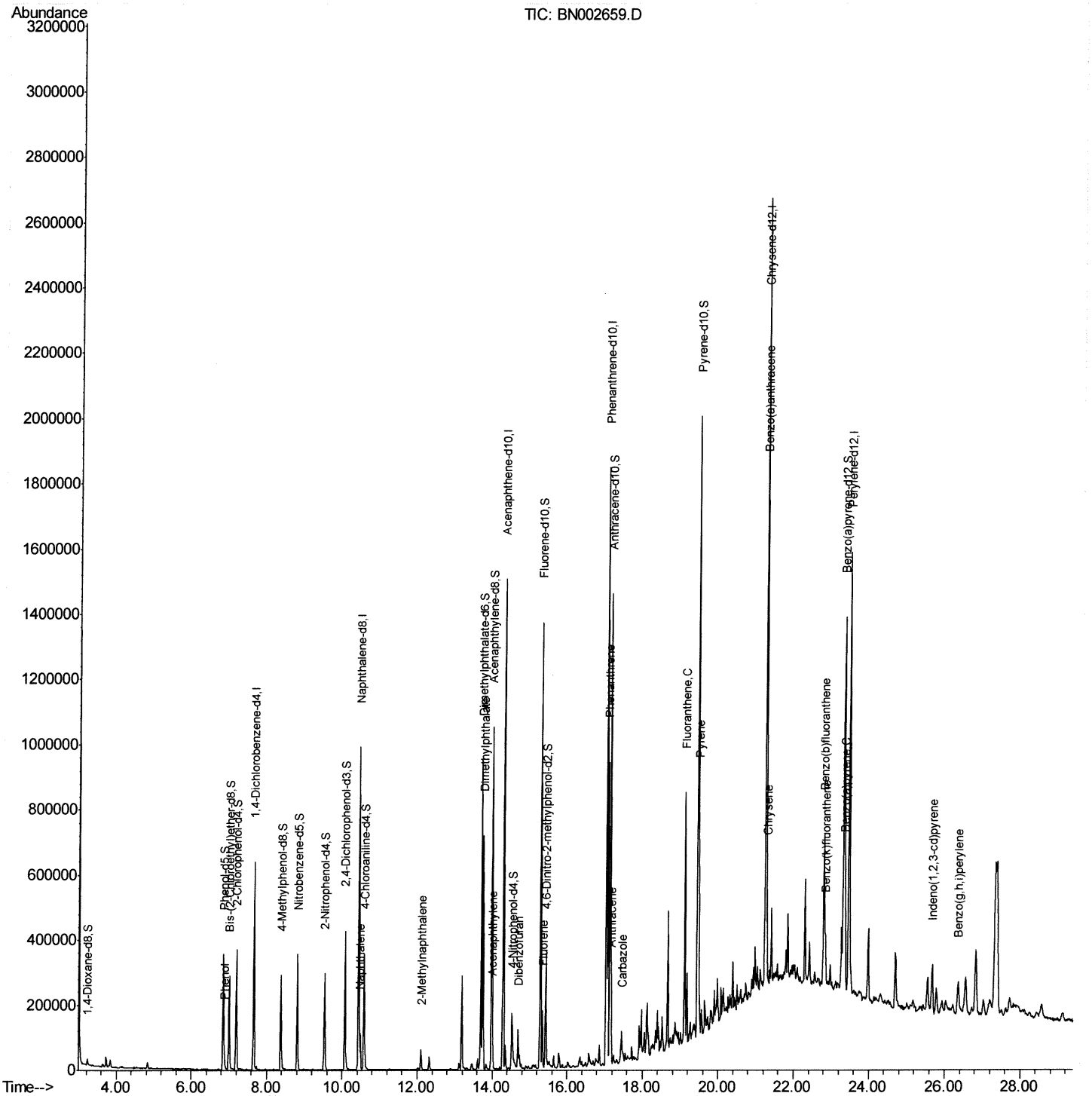
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002659.D
Acq On : 12 Sep 2018 17:42
Operator : JU/SJ
Sample : J4792-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 06:40:43 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 :
A3Z39

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:14 PM



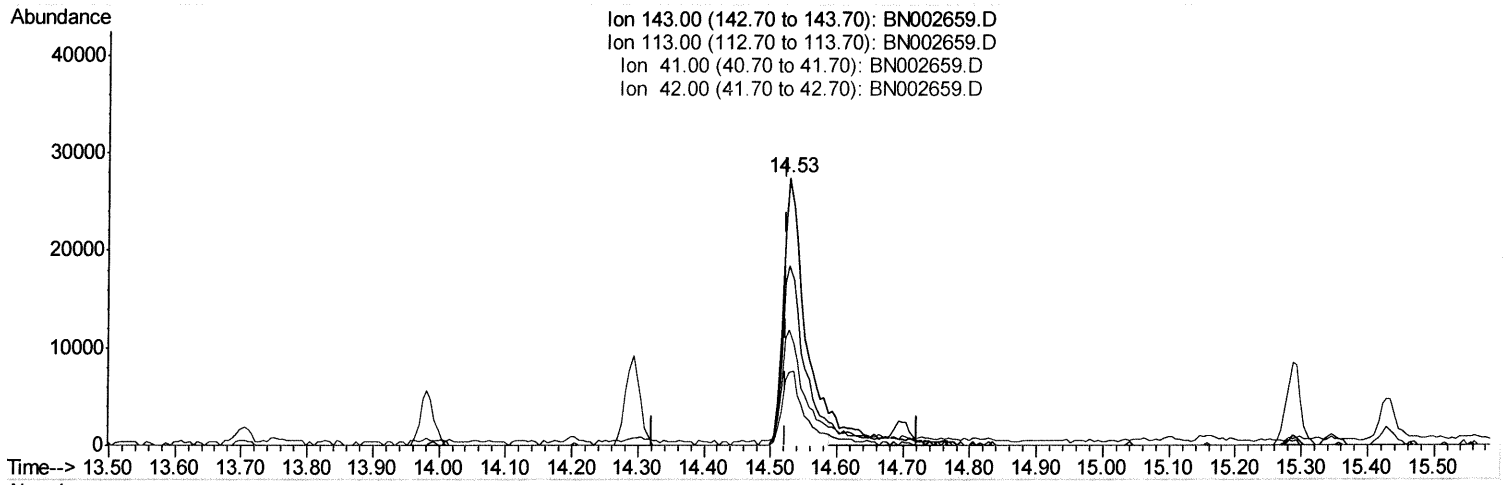
Quantitation Report (Qedit)

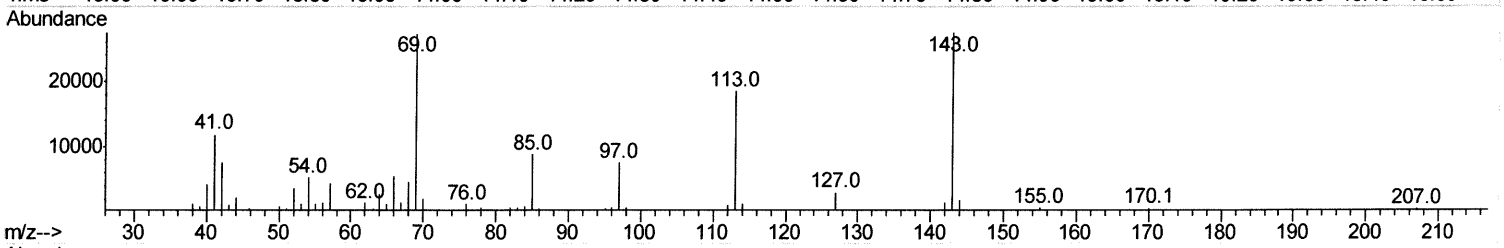
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002659.D
Acq On : 12 Sep 2018 17:42
Operator : JU/SJ
Sample : J4792-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

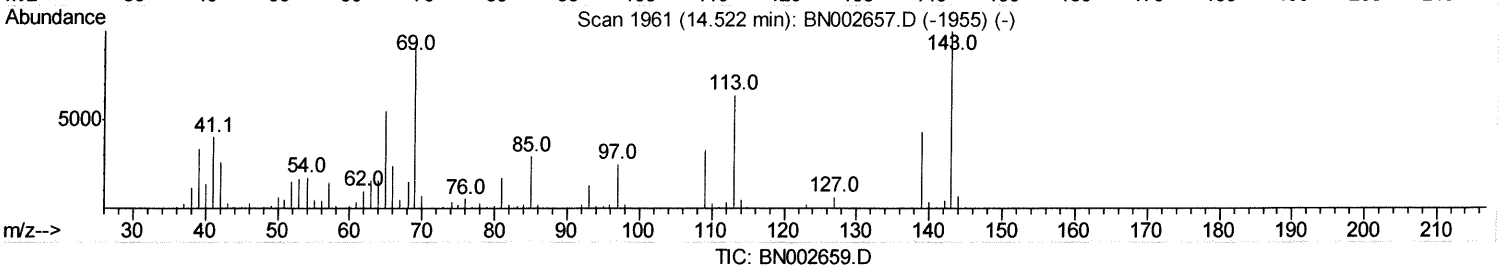
Quant Time: Sep 13 06:00:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3Z39

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:14 PM







TIC: BN002659.D

(51) 4-Nitrophenol-d4 (S)

14.528min (+0.006) 8.00ng/ul

response 60825

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	67.40
41.00	28.80	43.33#
42.00	19.10	27.41#

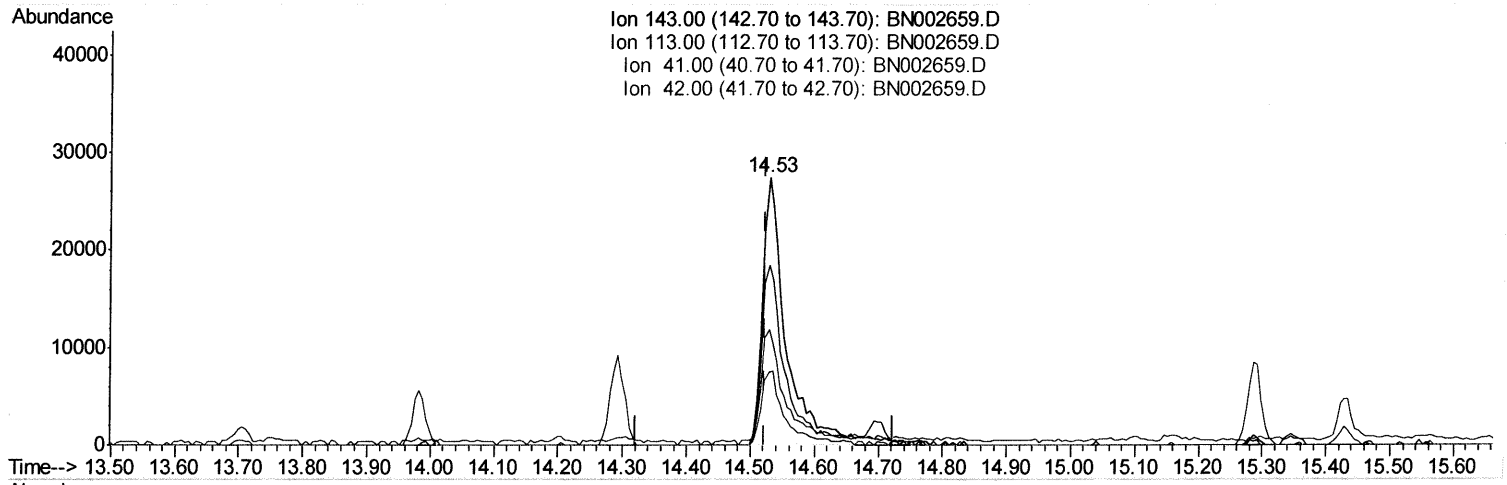
Quantitation Report (Qedit)

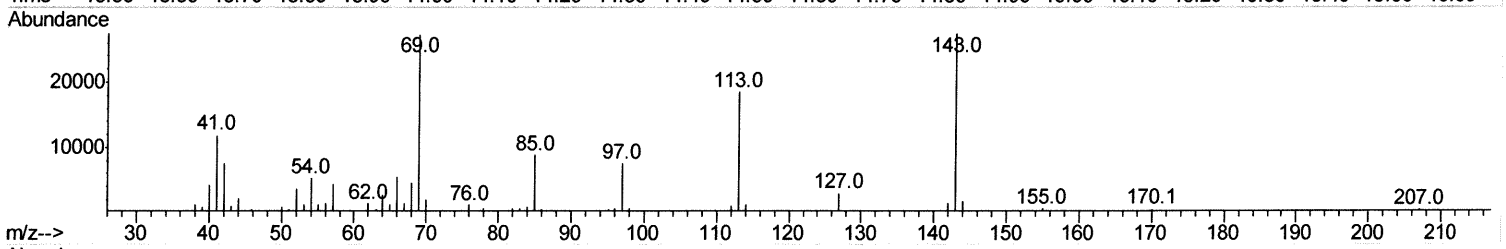
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002659.D
Acq On : 12 Sep 2018 17:42
Operator : JU/SJ
Sample : J4792-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

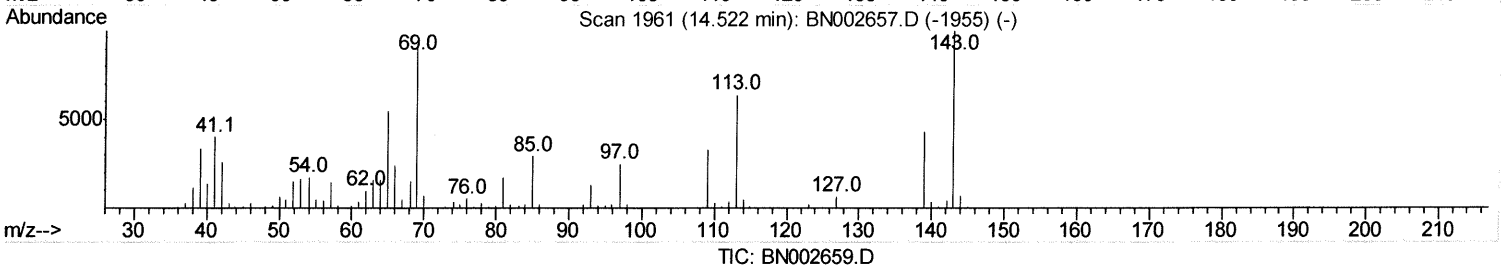
Quant Time: Sep 13 06:00:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3Z39

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:14 PM







TIC: BN002659.D

(51) 4-Nitrophenol-d4 (S)

14.528min (+0.006) 9.00ng/ul m SJ 9/14/18

response 68410

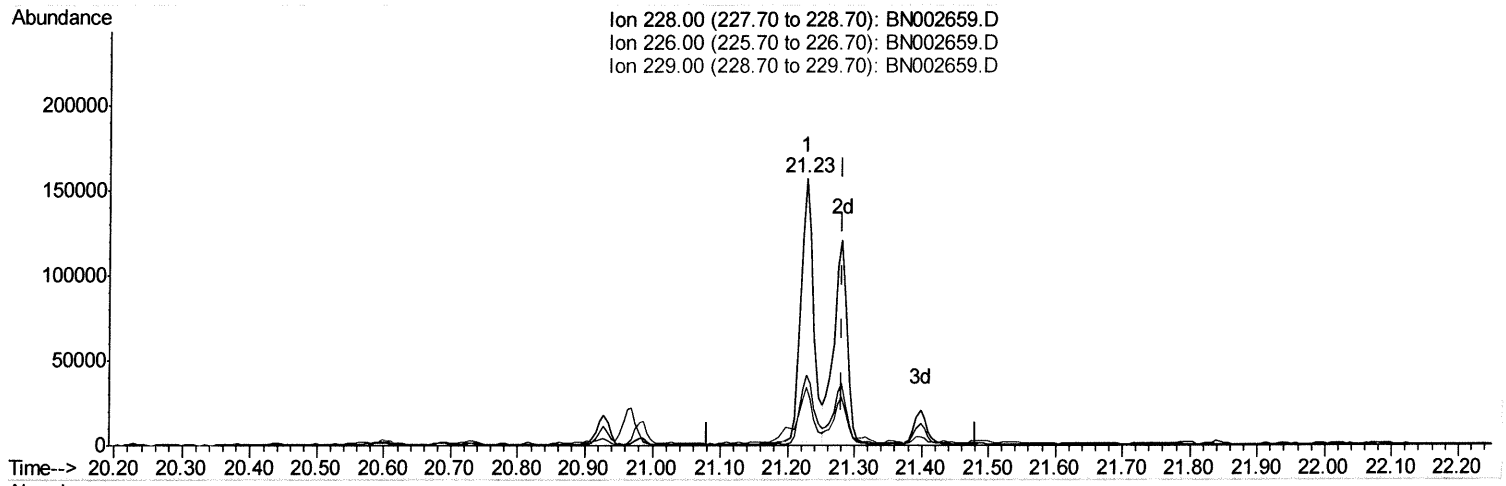
Ion	Exp%	Act%
143.00	100	100
113.00	75.10	67.40
41.00	28.80	43.33#
42.00	19.10	27.41#

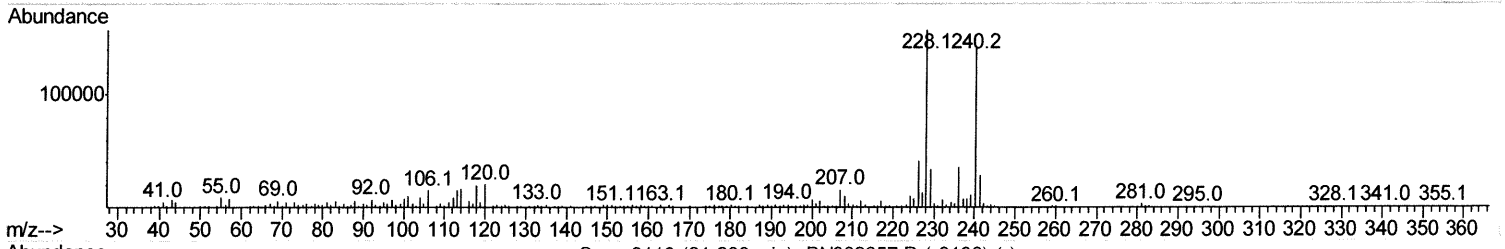
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002659.D
Acq On : 12 Sep 2018 17:42
Operator : JU/SJ
Sample : J4792-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 06:00:04 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

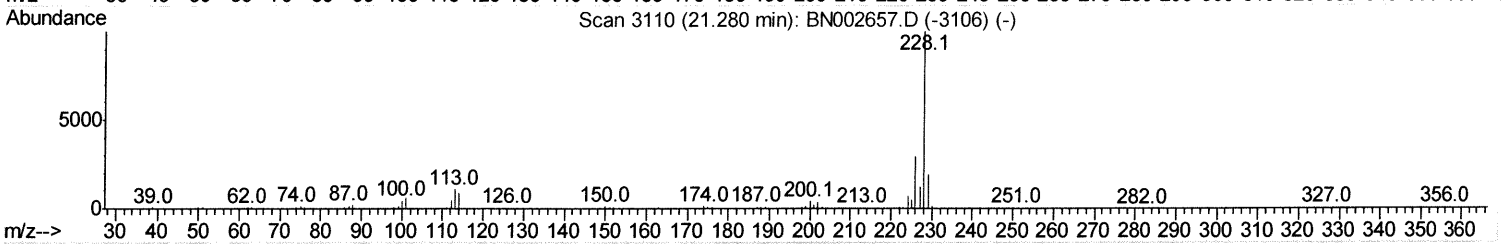
Instrument :
BNA_N
ClientSampleId :
A3Z39

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:14 PM





Scan 3110 (21.280 min): BN002657.D (-3106) (-)



TIC: BN002659.D

(84) Chrysene

21.227min (-0.053) 3.36ng/ul

response 207564

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	26.21
229.00	19.50	21.63
0.00	0.00	0.00

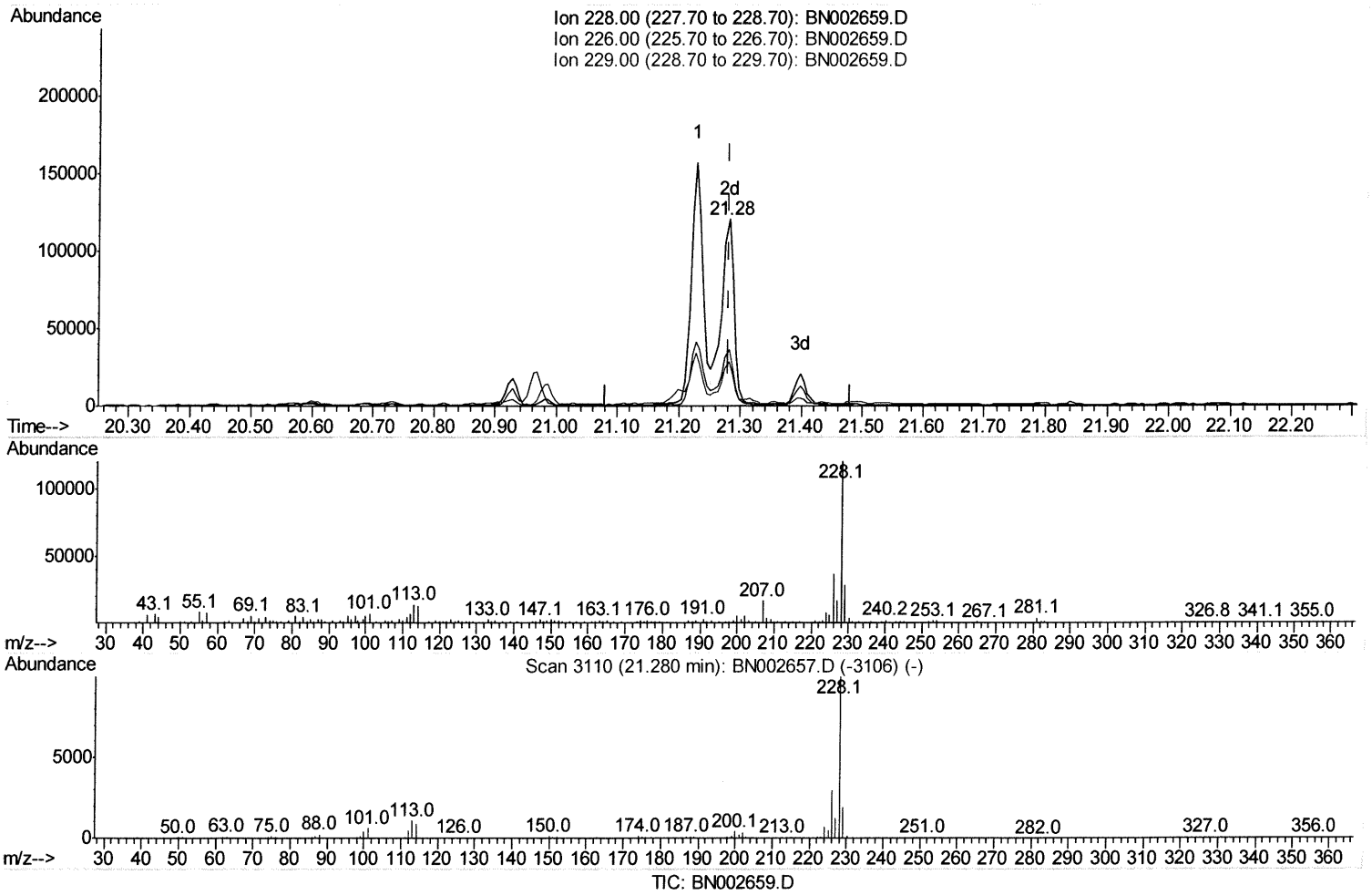
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002659.D
Acq On : 12 Sep 2018 17:42
Operator : JU/SJ
Sample : J4792-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 06:00:04 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 :
A3Z39

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:14 PM



TIC: BN002659.D

(84) Chrysene

21.280min (-0.000) 2.75ng/ul m SJ 9/14/18

response 170020

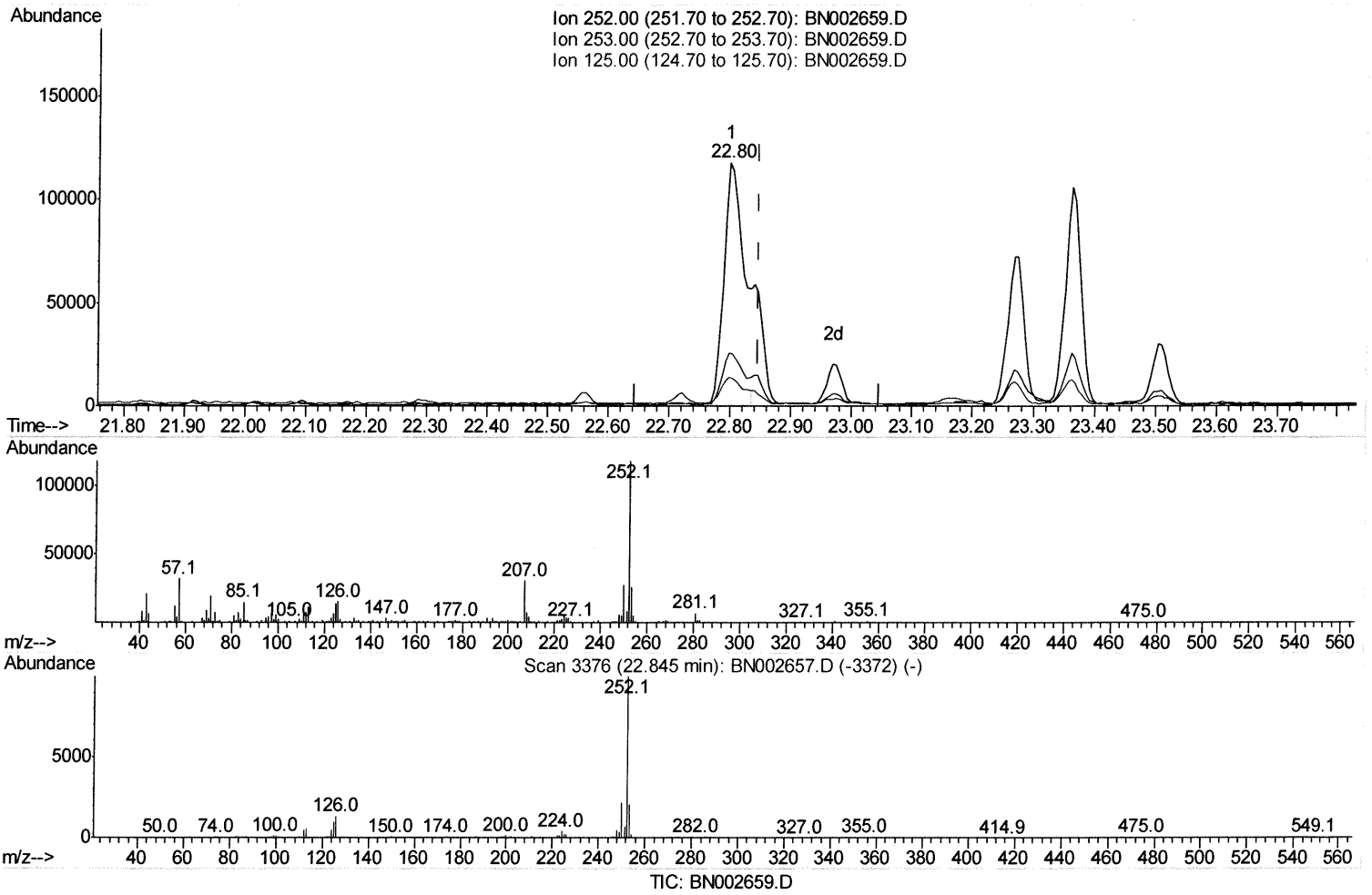
Ion	Exp%	Act%
228.00	100	100
226.00	30.00	30.28
229.00	19.50	23.54#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002659.D
Acq On : 12 Sep 2018 17:42
Operator : JU/SJ
Sample : J4792-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 06:00:04 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 :
A3Z39

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:14 PM



TIC: BN002659.D

(88) Benzo(k)fluoranthene

22.798min (-0.047) 5.09ng/ul

response 267524

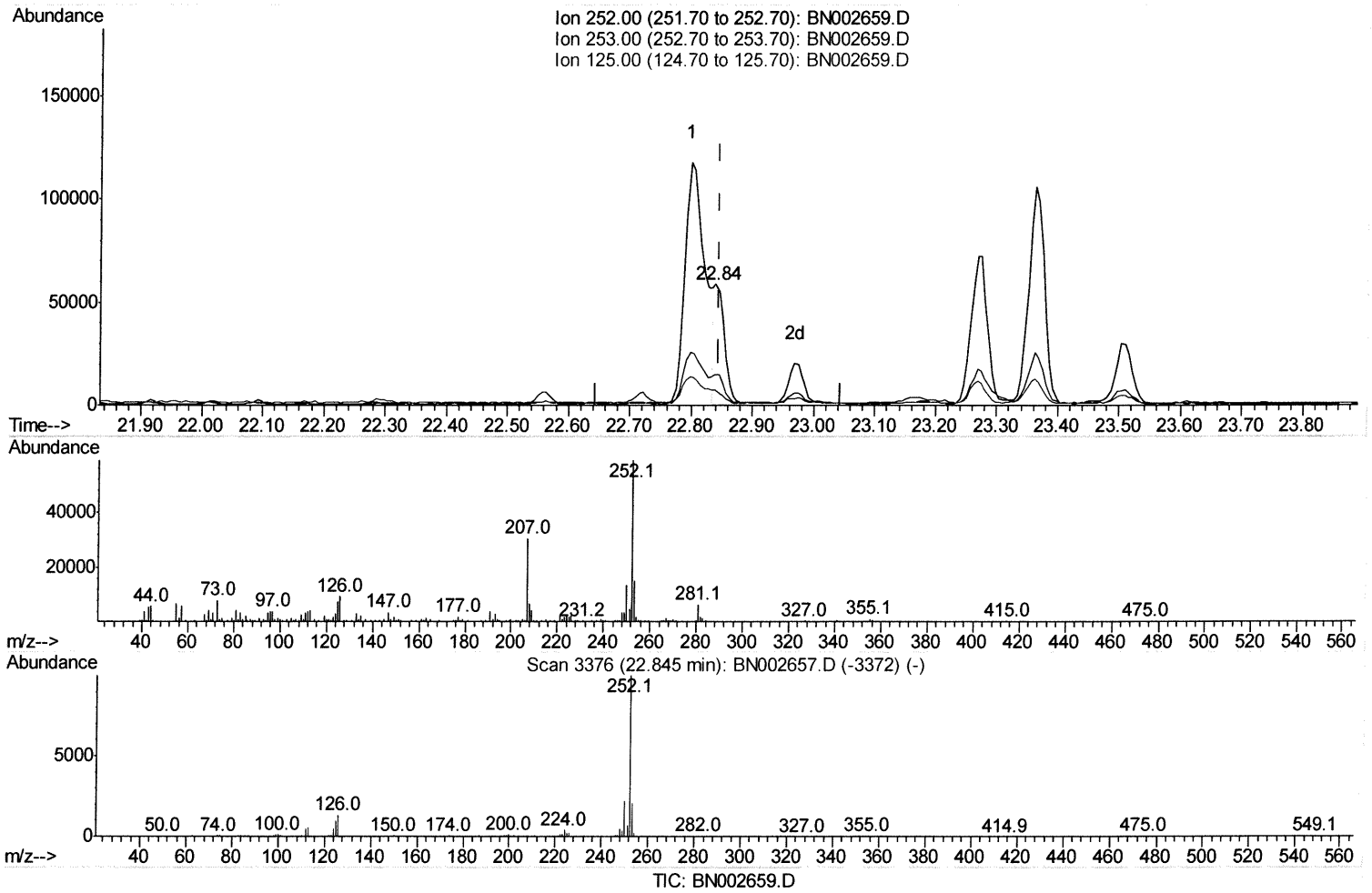
Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.99
125.00	10.20	11.98
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002659.D
Acq On : 12 Sep 2018 17:42
Operator : JU/SJ
Sample : J4792-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 06:00:04 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 :
A3Z39

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:14 PM



(88) Benzo(k)fluoranthene

22.839min (-0.006) 1.31ng/ul m SJ 9/14/18

response 68937

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.63
125.00	10.20	12.65#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002659.D
Acq On : 12 Sep 2018 17:42
Operator : JU/SJ
Sample : J4792-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 06:40:43 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 : A3Z39

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	171245	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	793034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	485286	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1096288	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1066067	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	929969	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	9077	2.50	ng/uL	0.00
5) Phenol-d5	6.85	99	207729	13.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	135939	13.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	173224	14.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	121748	9.70	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	87853	13.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	101785	15.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	167839	13.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	208077	15.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	616893	15.33	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	737770	14.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	68410m	9.00	ng/ul	0.00
57) Fluorene-d10	15.29	176	541678	15.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	75544	10.82	ng/ul	0.00
70) Anthracene-d10	17.14	188	793908	15.16	ng/ul	0.00
78) Pyrene-d10	19.44	212	924049	18.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	807541	16.61	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	16599	1.038	ng/ul	93
28) Naphthalene	10.48	128	92413	2.265	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	32569	1.081	ng/ul	91
44) Dimethylphthalate	13.75	163	450856	11.427	ng/ul	99
47) Acenaphthylene	14.01	152	54175	1.153	ng/ul	96
53) Dibenzofuran	14.69	168	71080	1.520	ng/ul	96
58) Fluorene	15.35	166	74085	1.937	ng/ul	98
69) Phenanthrene	17.09	178	547955	9.067	ng/ul	98
71) Anthracene	17.17	178	130406	2.128	ng/ul	99
74) Carbazole	17.45	167	57628	1.060	ng/ul	96
76) Fluoranthene	19.11	202	462978	6.731	ng/ul	98
79) Pyrene	19.47	202	414247	6.444	ng/ul	98
82) Benzo(a)anthracene	21.23	228	207564	3.178	ng/ul	97
84) Chrysene	21.28	228	170020m	2.750	ng/ul	
87) Benzo(b)fluoranthene	22.80	252	267524	4.799	ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	68937m	1.313	ng/ul	
90) Benzo(a)pyrene	23.36	252	190428	3.586	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.67	276	133816	2.118	ng/ul#	94
93) Benzo(g,h,i)perylene	26.36	276	111336	2.112	ng/ul	93

SJ 9/14/18

SJ 9/14/18

SJ 9/14/18

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