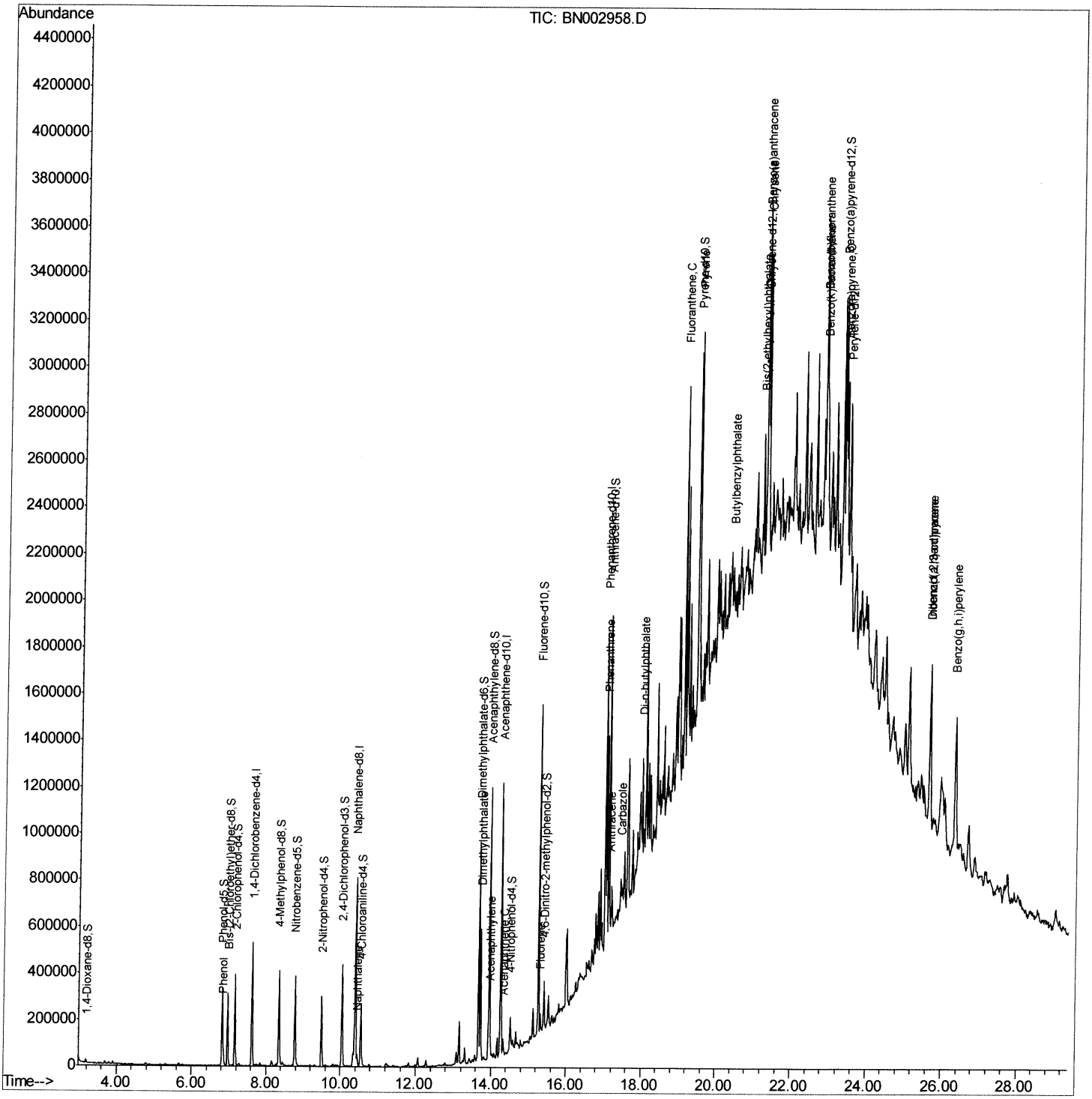
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002958.D
Acq On : 05 Oct 2018 09:52
Operator : MJ/SJ
Sample : J5183-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 06 01:25:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 01:07:30 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC32

Manual Integrations APPROVED
Sohil
10/8/2018 5:53:10 PM

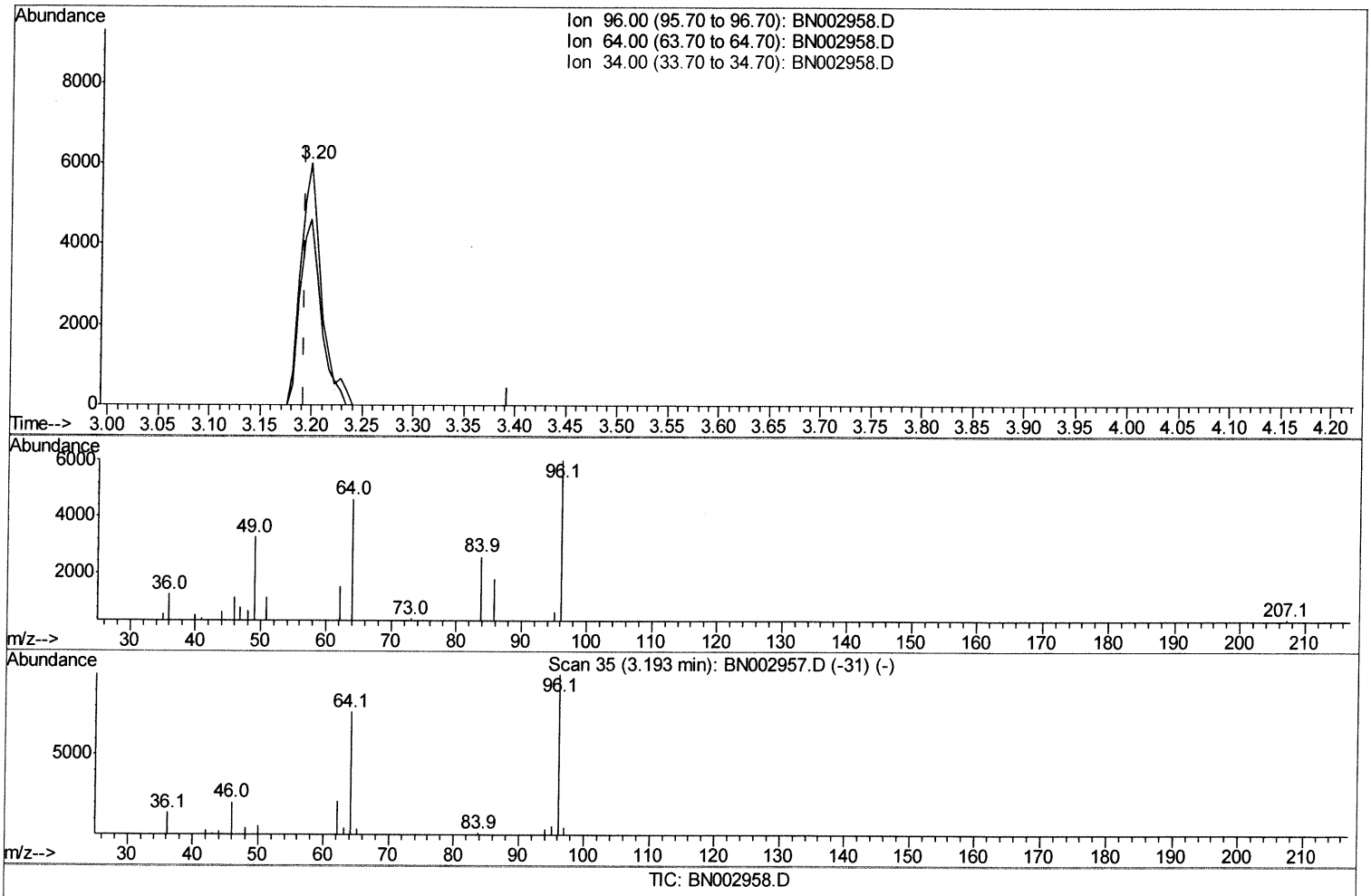


Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002958.D
Acq On : 05 Oct 2018 09:52
Operator : MJ/SJ
Sample : J5183-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 06 01:08:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 01:07:30 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC32

Manual Integrations APPROVED
Sohil
10/8/2018 5:53:10 PM



TIC: BN002958.D

(3) 1,4-Dioxane-d8 (S)

3.199min (+0.006) 2.47ng/uL

response 8066

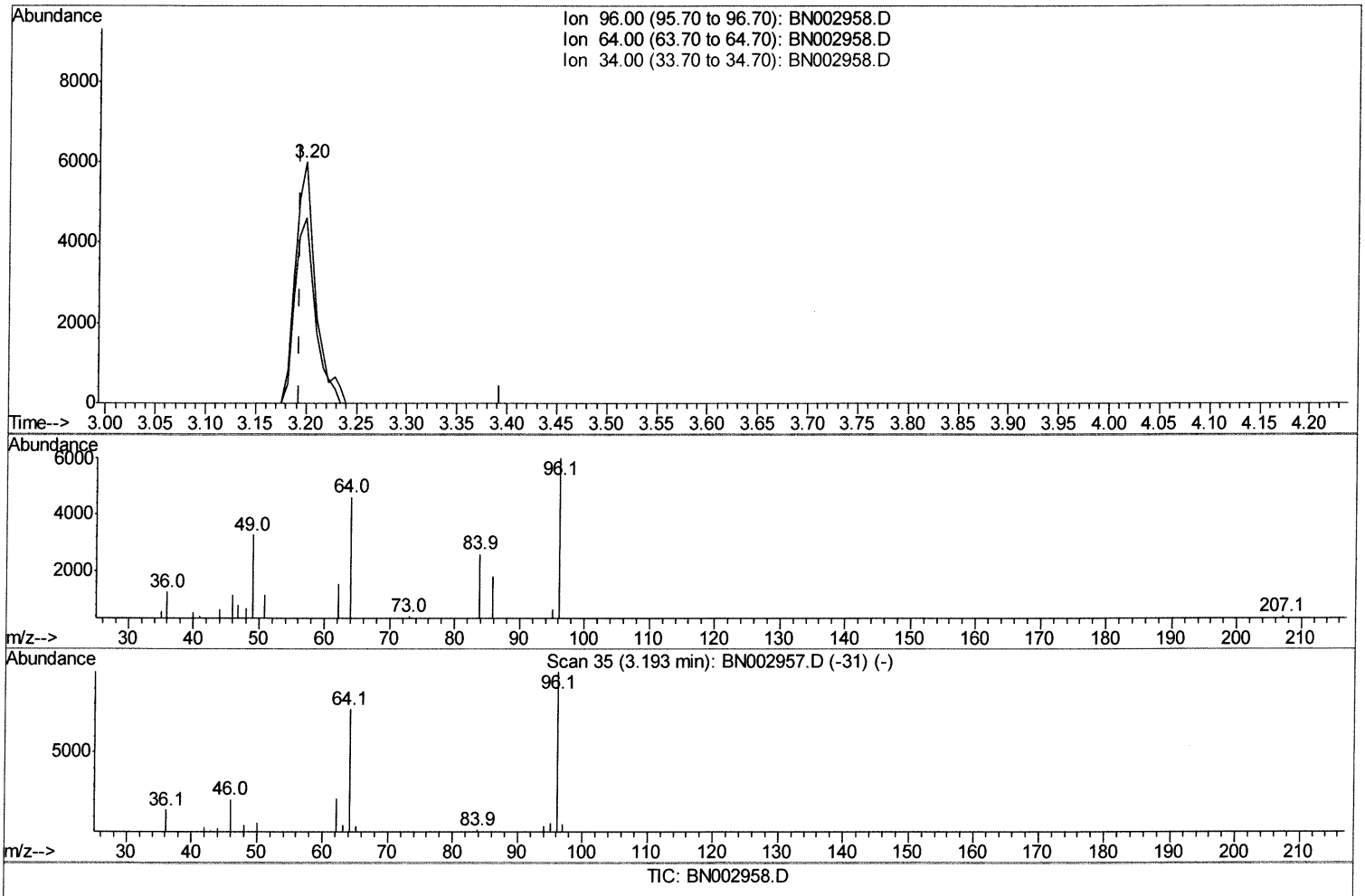
Ion	Exp%	Act%
96.00	100	100
64.00	77.80	81.22
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002958.D
Acq On : 05 Oct 2018 09:52
Operator : MJ/SJ
Sample : J5183-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 06 01:08:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 01:07:30 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC32

Manual Integrations APPROVED
Sohil
10/8/2018 5:53:10 PM



TIC: BN002958.D

(3) 1,4-Dioxane-d8 (S)

3.199min (+0.006) 2.58ng/uL m SJ 10/10/18

response 8436

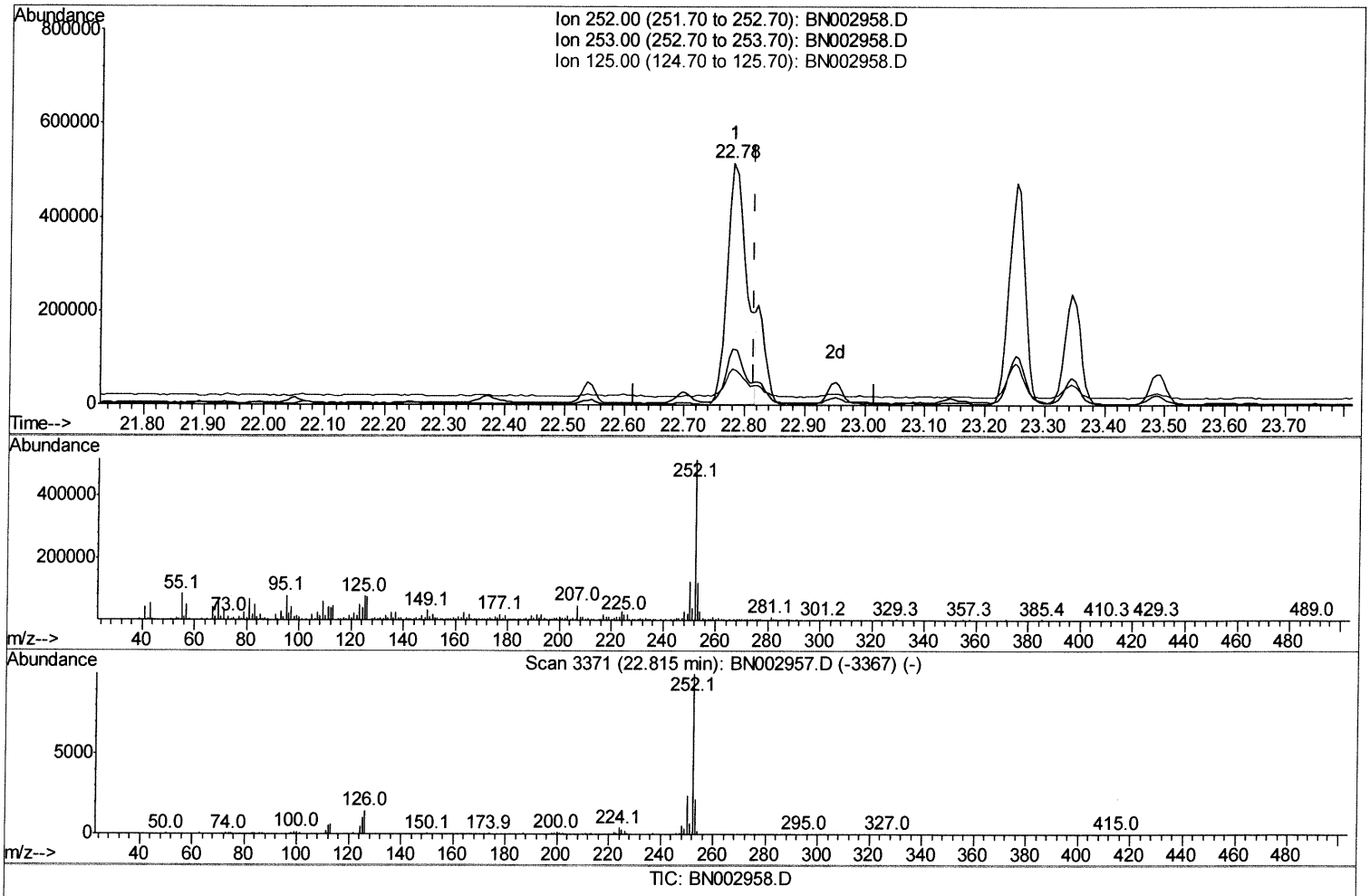
Ion	Exp%	Act%
96.00	100	100
64.00	77.80	77.66
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002958.D
Acq On : 05 Oct 2018 09:52
Operator : MJ/SJ
Sample : J5183-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 06 01:08:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 01:07:30 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC32

Manual Integrations APPROVED
Sohil
10/8/2018 5:53:10 PM



TIC: BN002958.D

(88) Benzo(k)fluoranthene

22.780min (-0.035) 36.70ng/ul

response 1139098

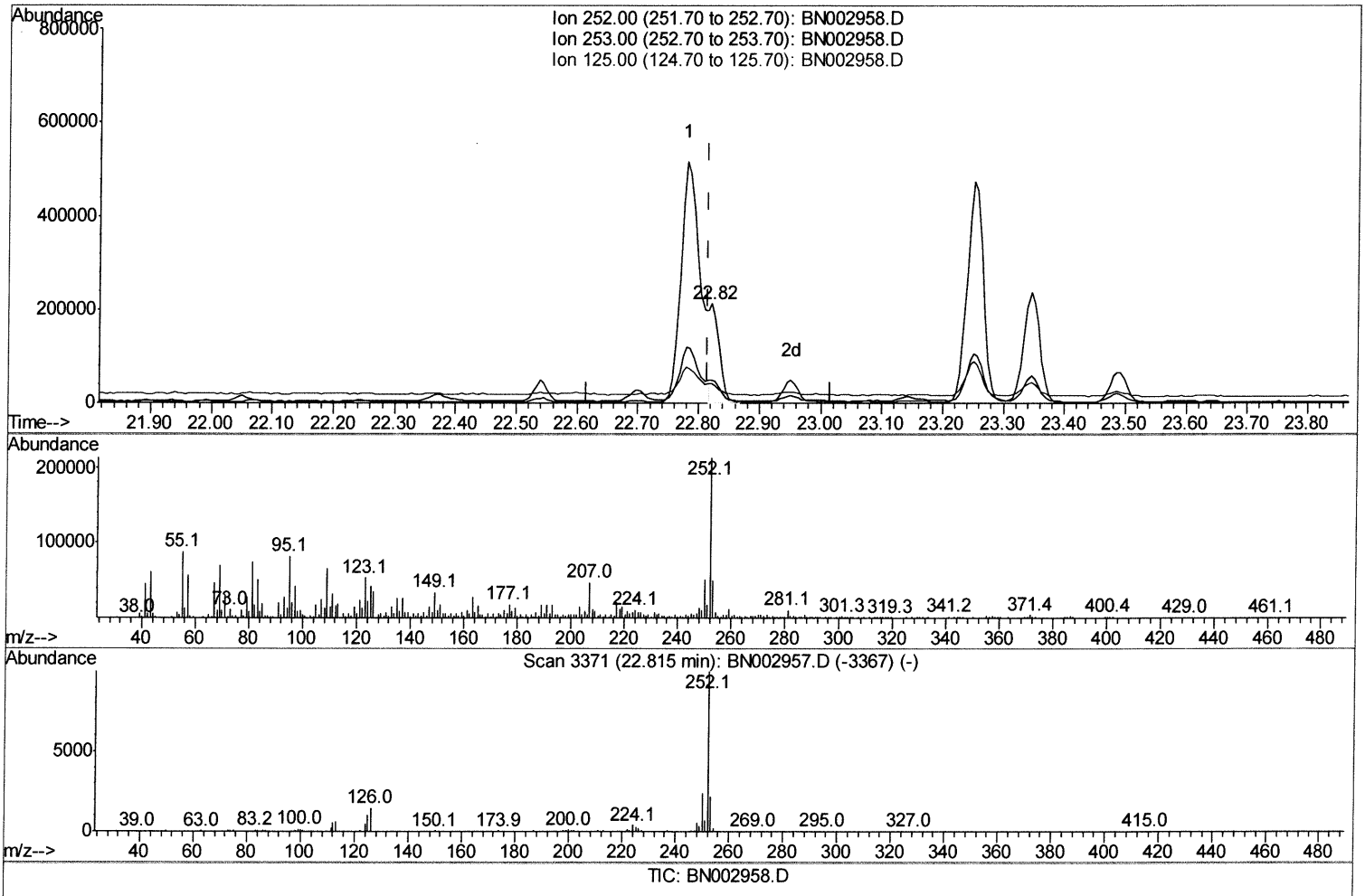
Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.24
125.00	10.40	14.86#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002958.D
Acq On : 05 Oct 2018 09:52
Operator : MJ/SJ
Sample : J5183-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 06 01:08:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 01:07:30 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC32

Manual Integrations APPROVED
Sohil
10/8/2018 5:53:10 PM



TIC: BN002958.D

(88) Benzo(k)fluoranthene

22.821min (+0.006) 7.03ng/ul m SJ 10/10/18

response 218296

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.51
125.00	10.40	19.74#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002958.D
Acq On : 05 Oct 2018 09:52
Operator : MJ/SJ
Sample : J5183-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 06 01:25:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 01:07:30 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : JLC32

Manual Integrations APPROVED
Sohil
10/8/2018 5:53:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	150584	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	662590	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	381928	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	759413	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	551560	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	544732	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	8436m	2.58	ng/uL	0.00
5) Phenol-d5	6.82	99	227006	17.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	147001	18.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	196243	18.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	179704	18.14	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	101404	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	111982	19.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	201877	19.25	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	177151	14.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	628669	21.03	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	829442	21.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	65068	13.16	ng/ul	0.01
57) Fluorene-d10	15.26	176	566811	21.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	51902	10.93	ng/ul	0.00
70) Anthracene-d10	17.12	188	776768	21.42	ng/ul	0.00
78) Pyrene-d10	19.42	212	692609	23.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	613085	21.38	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.85	94	28501	2.210	ng/ul	96
28) Naphthalene	10.45	128	43294	1.268	ng/ul	98
44) Dimethylphthalate	13.72	163	357820	12.263	ng/ul	99
47) Acenaphthylene	13.98	152	65131	1.776	ng/ul	96
49) Acenaphthene	14.33	153	26784	1.031	ng/ul	98
58) Fluorene	15.32	166	33044	1.155	ng/ul#	93
69) Phenanthrene	17.06	178	526639	12.587	ng/ul	99
71) Anthracene	17.15	178	112014	2.640	ng/ul	95
74) Carbazole	17.43	167	58069	1.595	ng/ul#	94
75) Di-n-butylphthalate	17.99	149	340036	7.784	ng/ul	98
76) Fluoranthene	19.09	202	960349	21.516	ng/ul	100
79) Pyrene	19.45	202	959814	26.319	ng/ul	98
80) Butylbenzylphthalate	20.36	149	52137	3.436	ng/ul#	82
82) Benzo(a)anthracene	21.21	228	410321	11.959	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.14	149	201518	9.147	ng/ul	100
84) Chrysene	21.26	228	747264	23.235	ng/ul	98
87) Benzo(b)fluoranthene	22.78	252	1139098	34.240	ng/ul#	93
88) Benzo(k)fluoranthene	22.82	252	218296m	7.034	ng/ul	
90) Benzo(a)pyrene	23.34	252	430165	13.677	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.65	276	603543	16.209	ng/ul	96
92) Dibenzo(a,h)anthracene	25.65	278	160671	5.121	ng/ul#	90
93) Benzo(g,h,i)perylene	26.33	276	673268	21.631	ng/ul	98

SJ 10/10/18

SJ 10/10/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002958.D
Acq On : 05 Oct 2018 09:52
Operator : MJ/SJ
Sample : J5183-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 06 01:25:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 01:07:30 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC32

Manual Integrations APPROVED
Sohil
10/8/2018 5:53:10 PM

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

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