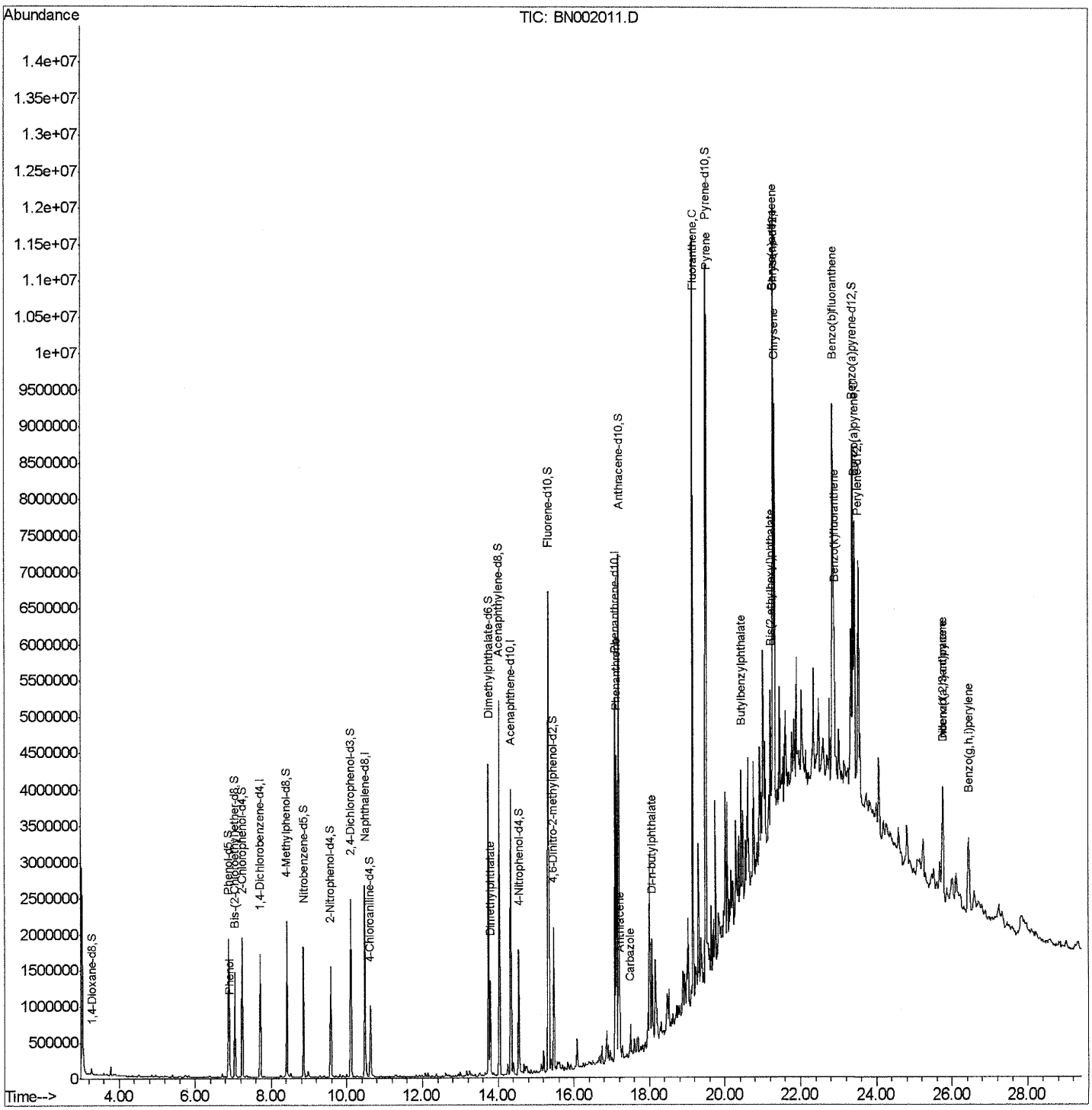
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002011.D
Acq On : 11 Jul 2018 15:25
Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 23:03:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 11 22:41:21 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAZQ2

Manual Integrations APPROVED
Sohil
7/12/2018 3:03:44 PM



Quantitation Report (Qedit)

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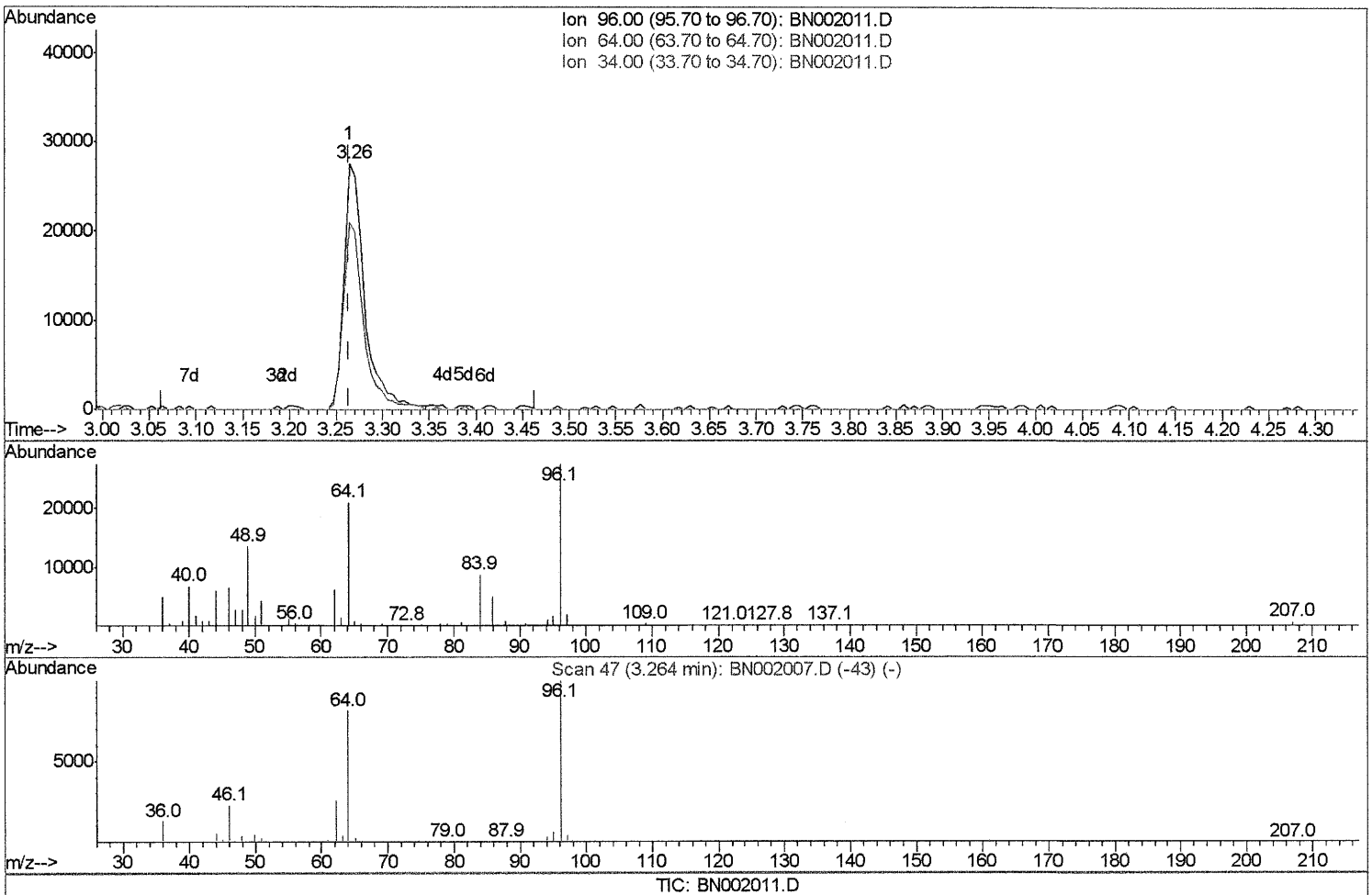

TIC: BN002011.D

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

3.264min (+0.000) 4.01ng/uL

response 43248

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	76.52
34.00	0.00	0.00
0.00	0.00	0.00

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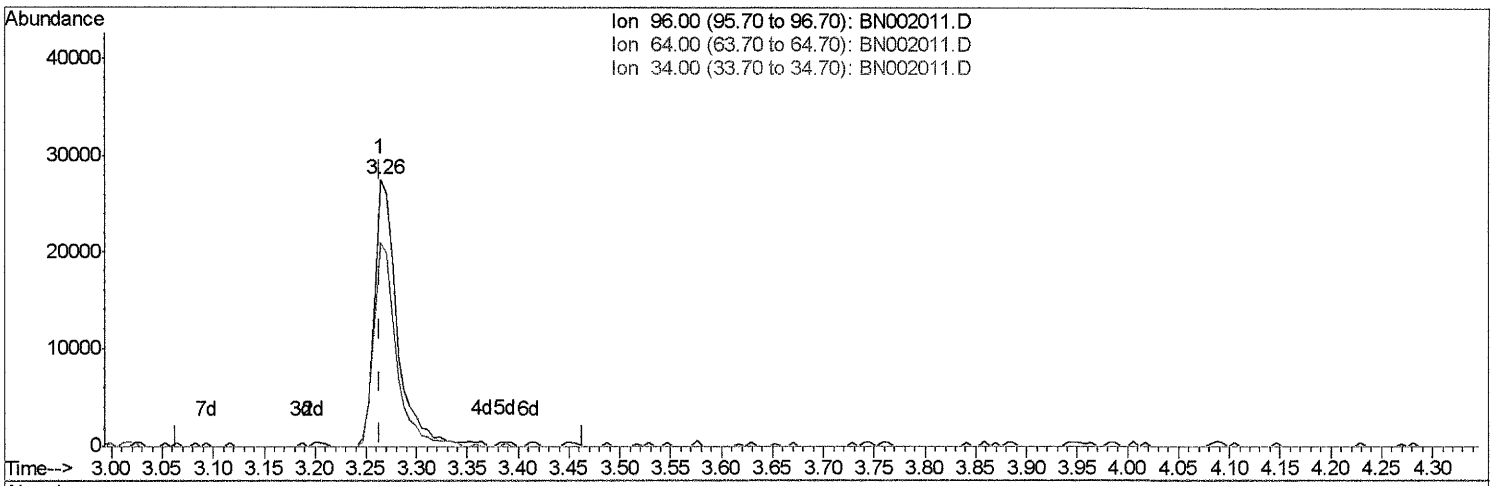
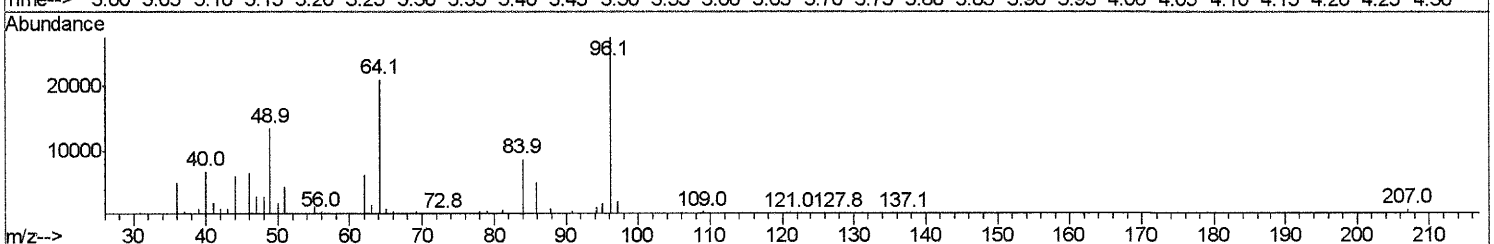
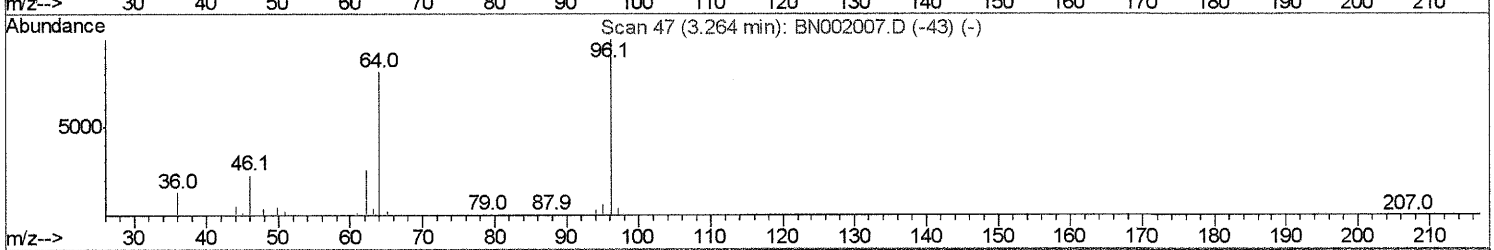
Manual Integrations APPROVED
Sohil
7/12/2018 3:03:44 PM







TIC: BN002011.D

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

3.264min (+0.000) 4.05ng/uL m SJ 7/12/18

response 43704

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	76.52
34.00	0.00	0.00
0.00	0.00	0.00

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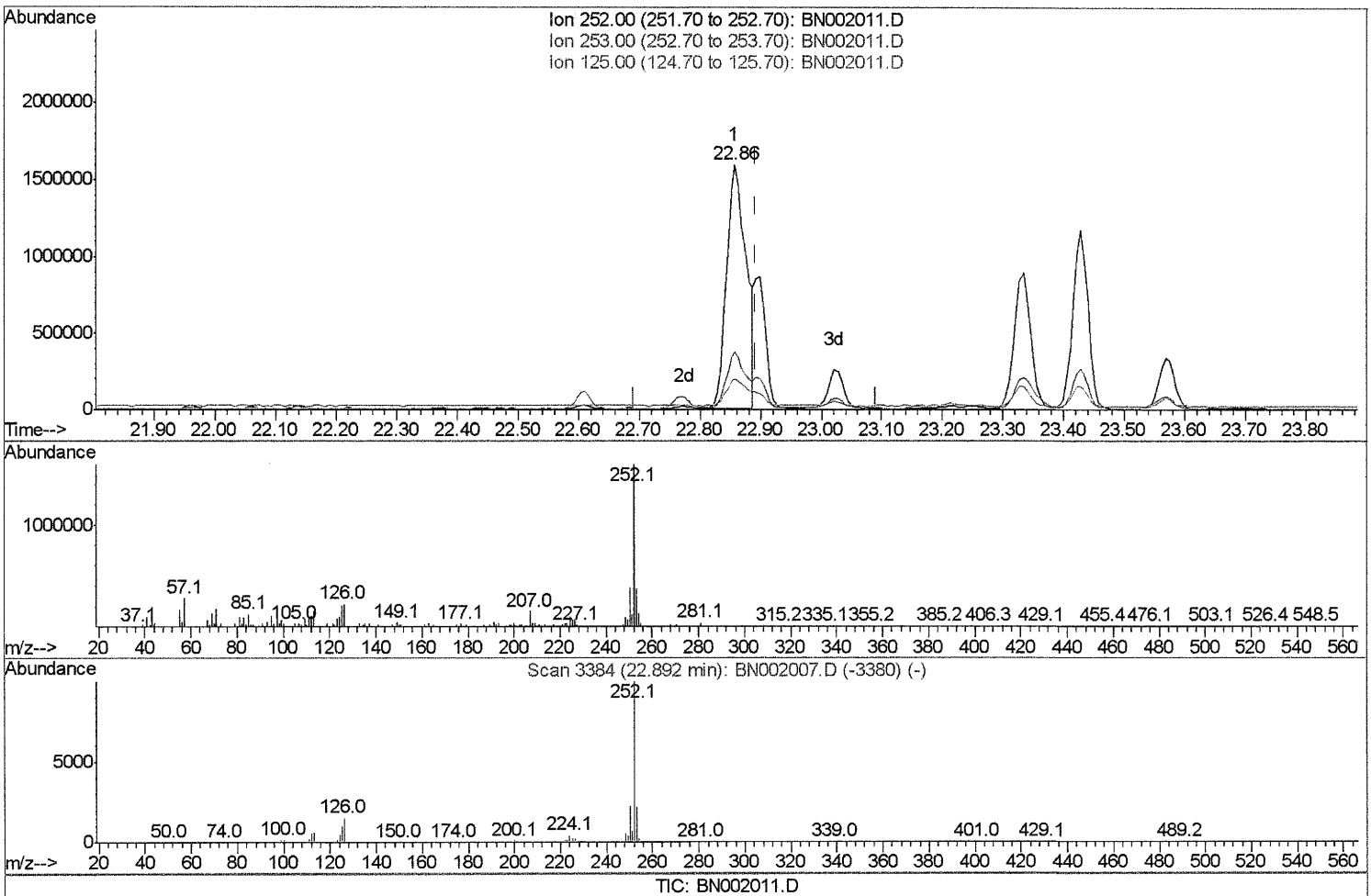
BNA_N
ClientSampleId :
DAZQ2

Manual Integrations APPROVED
Sohil
7/12/2018 3:03:44 PM



TIC: BN002011.D

(86) Benzo(k)fluoranthene

22.857min (-0.035) 25.08ng/ul

response 3664860

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.48
125.00	6.70	12.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

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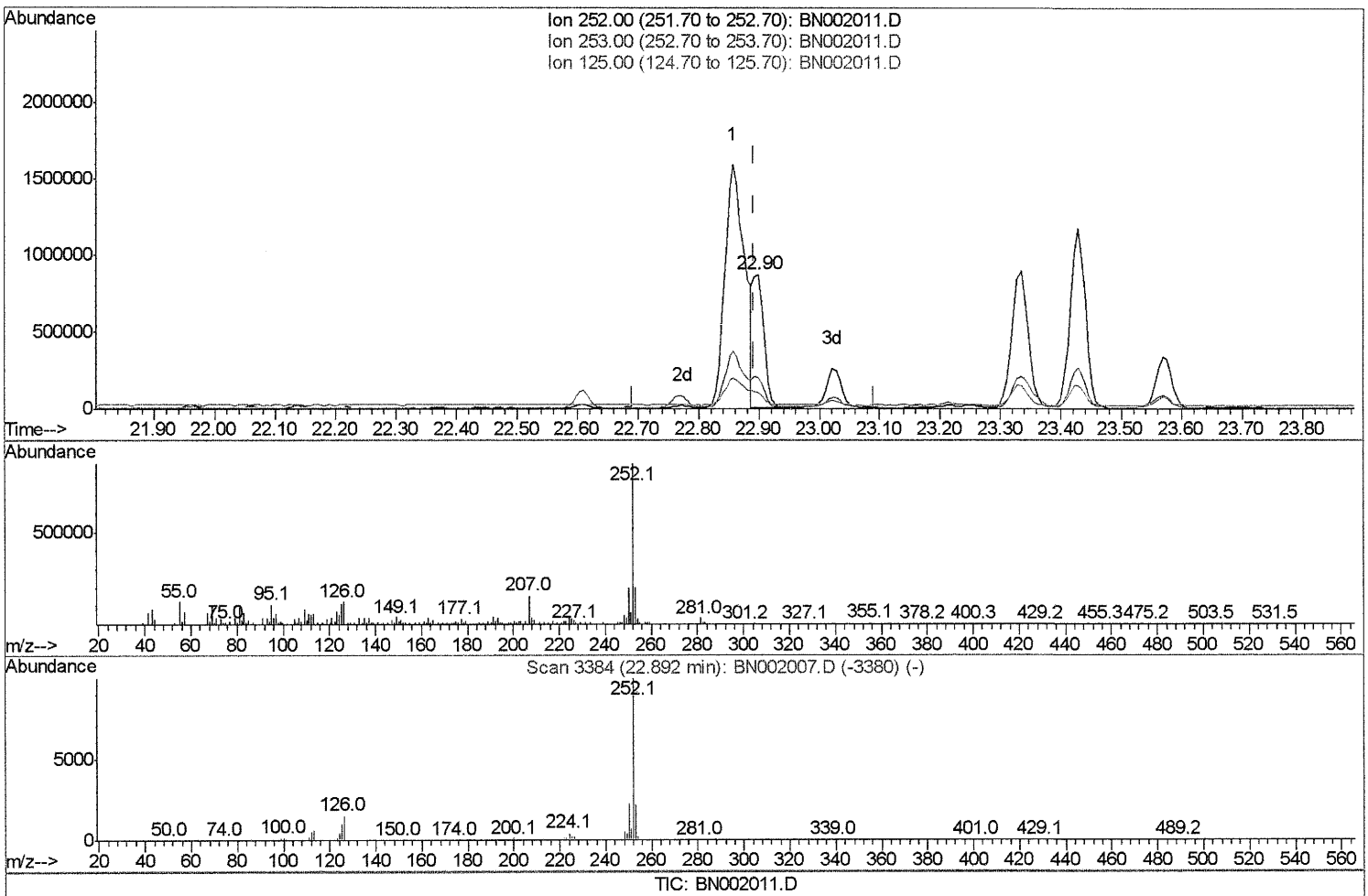
Manual Integrations APPROVED
Sohil
7/12/2018 3:03:44 PM



TIC: BN002011.D

(86) Benzo(k)fluoranthene

22.898min (+0.006) 7.36ng/ul m SJ 7/12/18

response 1074971

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.19
125.00	6.70	12.87#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_N
ClientSampleId :
DAZQ2

Manual Integrations APPROVED
Sohil
7/12/2018 3:03:44 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	468608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2173084	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1288751	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2908410	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2744833	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2385888	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	43704m	4.05	ng/uL	0.00
5) Phenol-d5	6.89	99	1091040	25.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	675345	25.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	884856	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	818102	24.08	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	449964	27.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	499773	29.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	923972	25.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	570203	15.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2844080	26.13	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3652666	27.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	445542	22.22	ng/ul	0.00
57) Fluorene-d10	15.33	176	2593490	27.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	408590	25.79	ng/ul	0.00
70) Anthracene-d10	17.19	188	4013087	28.56	ng/ul	0.00
76) Pyrene-d10	19.49	212	4339759	31.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3674081	28.32	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.91	94	62716	1.466	ng/ul	92
44) Dimethylphthalate	13.80	163	807261	7.547	ng/ul	99
69) Phenanthrene	17.13	178	2532829	15.459	ng/ul	99
71) Anthracene	17.22	178	526777	3.176	ng/ul	98
72) Carbazole	17.49	167	253473	1.825	ng/ul	98
73) Di-n-butylphthalate	18.06	149	1010105	5.758	ng/ul	99
74) Fluoranthene	19.15	202	6294831	36.552	ng/ul#	89
77) Pyrene	19.52	202	5227925	30.436	ng/ul#	87
78) Butylbenzylphthalate	20.43	149	460450	6.282	ng/ul	94
80) Benzo(a)anthracene	21.27	228	3091238	17.820	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.22	149	736883	6.742	ng/ul	99
82) Chrysene	21.32	228	2949980	18.277	ng/ul	97
85) Benzo(b)fluoranthene	22.86	252	3664860	24.320	ng/ul#	93
86) Benzo(k)fluoranthene	22.90	252	1074971m	7.356	ng/ul	
88) Benzo(a)pyrene	23.43	252	2073137	14.722	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.76	276	1440459	9.613	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.76	278	390078	3.128	ng/ul#	79
91) Benzo(g,h,i)perylene	26.44	276	1259016	10.186	ng/ul#	90

SJ 7/12/18

SJ 7/12/18

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