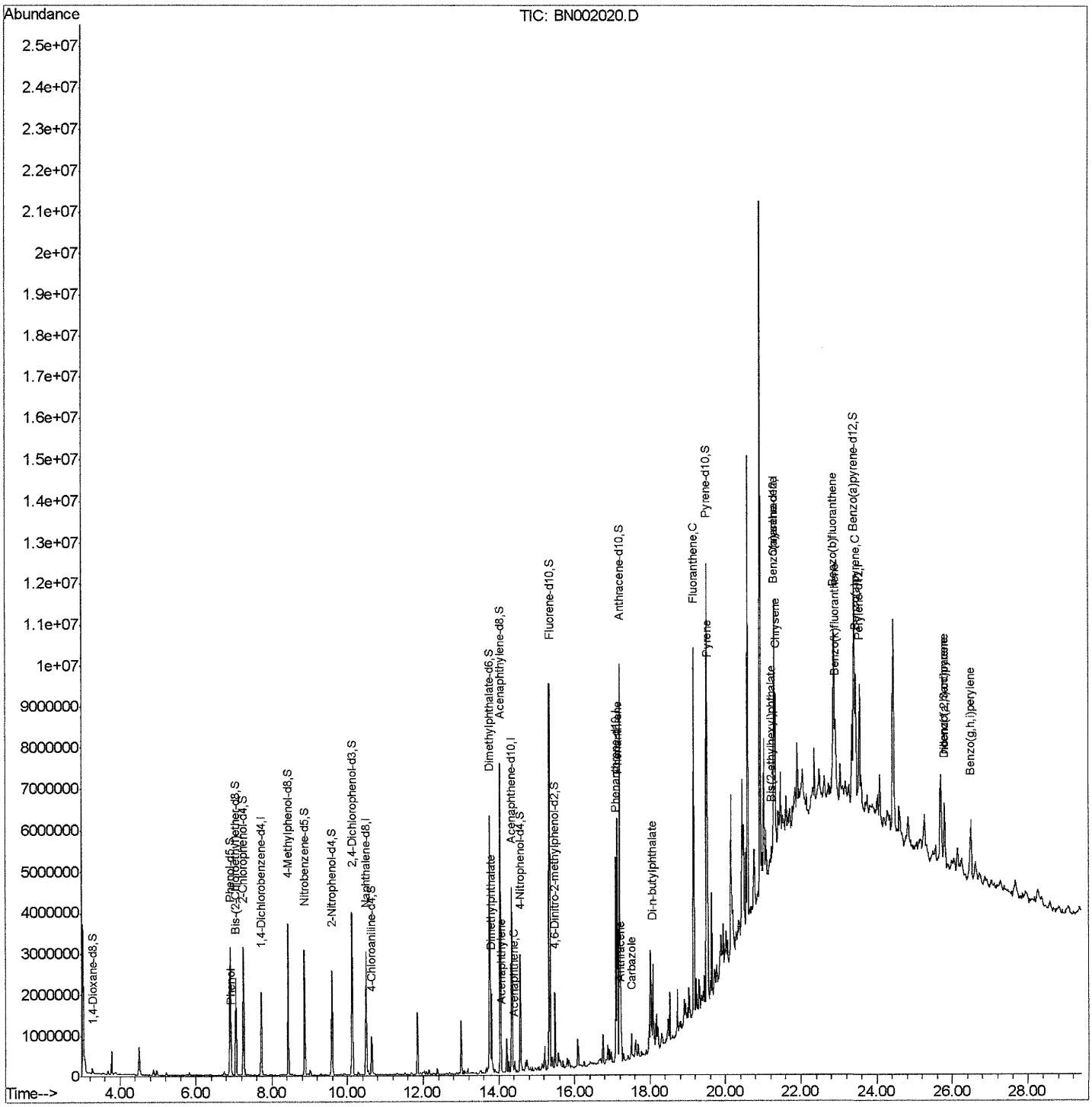
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002020.D
Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
Sample : J3775-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 12 00:32:18 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 :
DAZP2

Manual Integrations APPROVED
Sohil
7/12/2018 3:04:05 PM



Quantitation Report (Qedit)

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Acq On : 11 Jul 2018 20:43
Operator : JU/SJ
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Quant Time: Jul 11 22:44:25 2018
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Manual Integrations APPROVED
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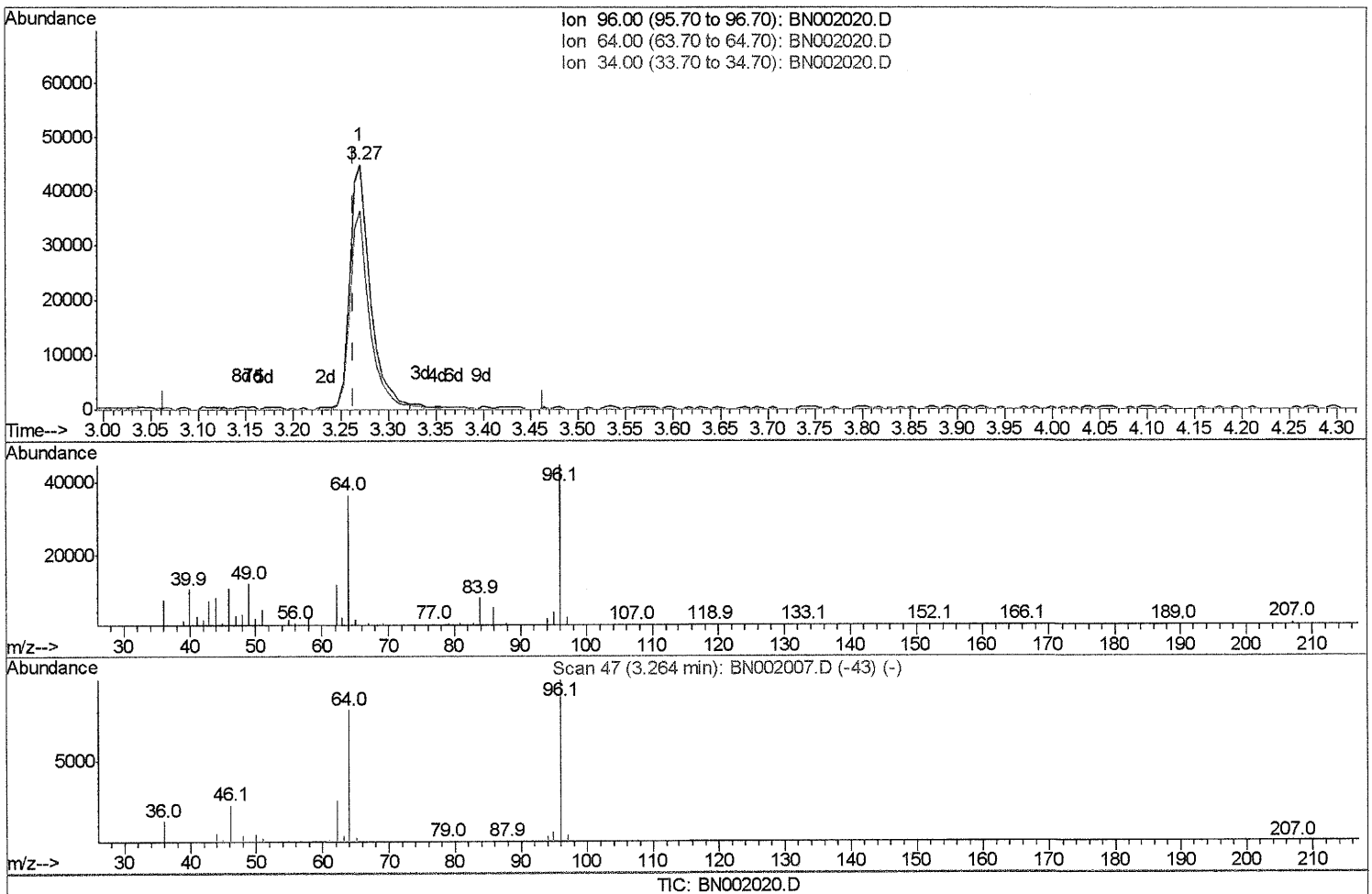
7/12/2018 3:04:05 PM



TIC: BN002020.D

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

3.270min (+0.006) 5.23ng/uL

response 68432

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	81.14
34.00	0.00	0.00
0.00	0.00	0.00

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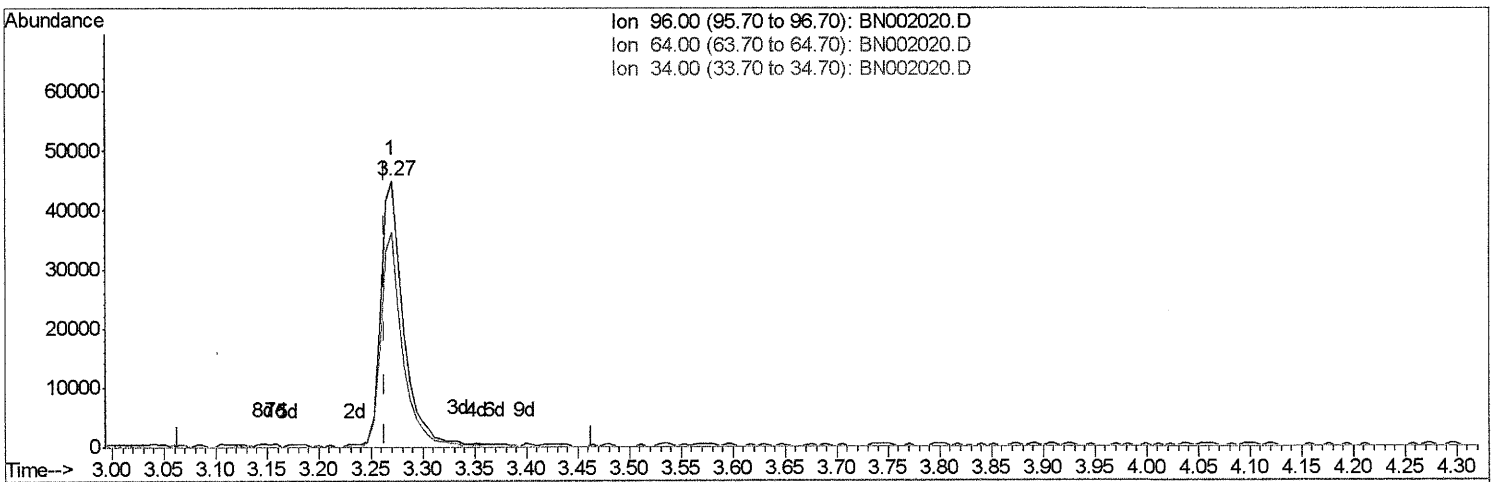
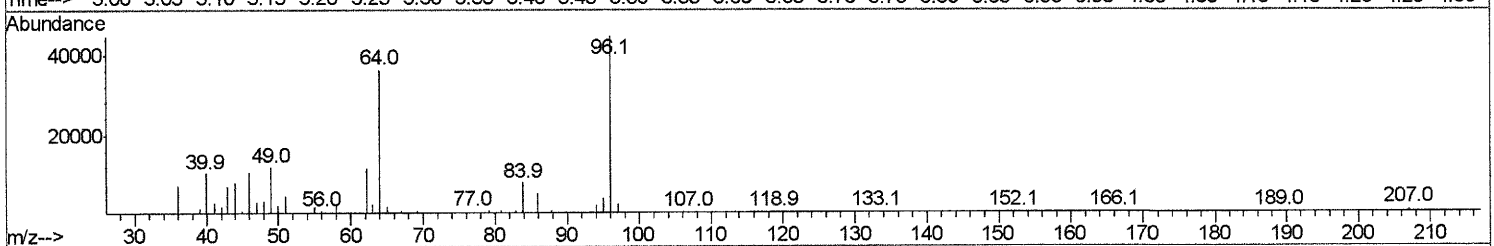
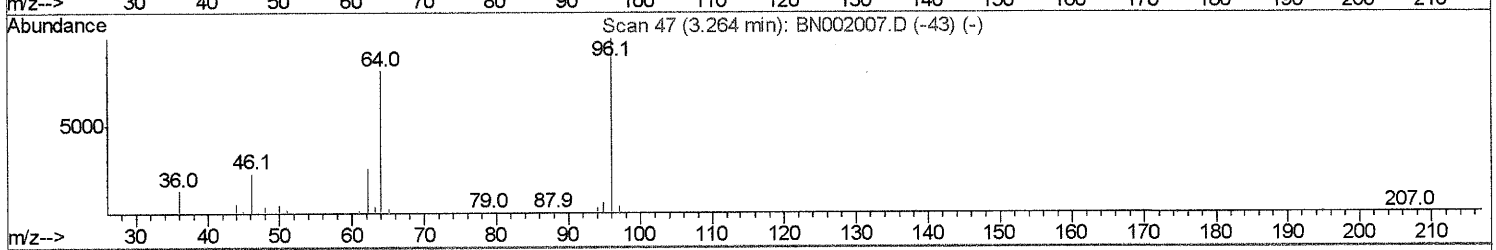
Manual Integrations APPROVED
Sohil
7/12/2018 3:04:05 PM







TIC: BN002020.D

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

3.270min (+0.006) 5.40ng/uL m) SJ 7/12/18

response 70731

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	81.14
34.00	0.00	0.00
0.00	0.00	0.00

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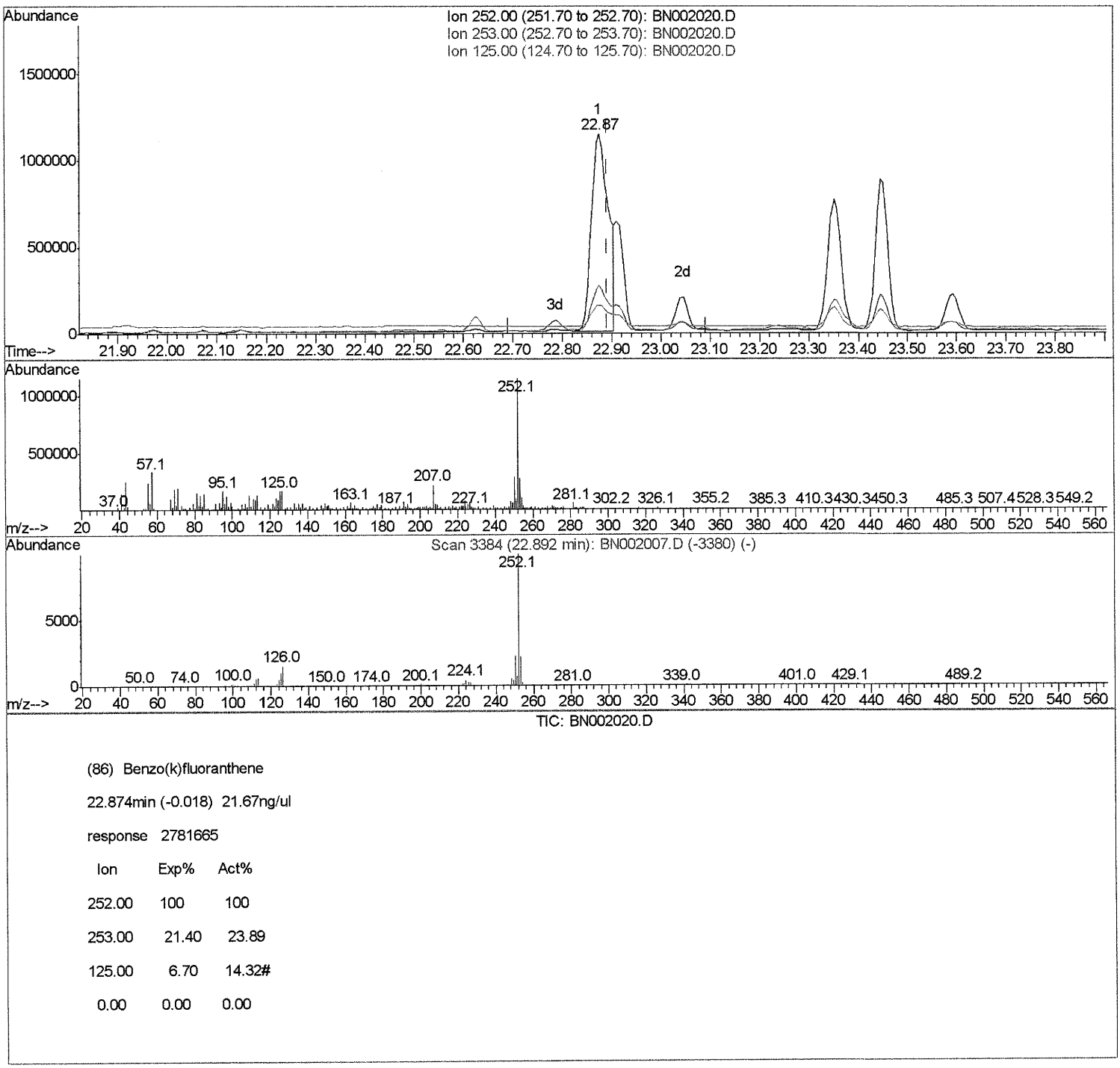
Instrument :
BNA_N
ClientSampleId :
DAZP2

Manual Integrations APPROVED
Sohil
7/12/2018 3:04:05 PM



TIC: BN002020.D

(86) Benzo(k)fluoranthene

22.874min (-0.018) 21.67ng/ul

response 2781665

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.89
125.00	6.70	14.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

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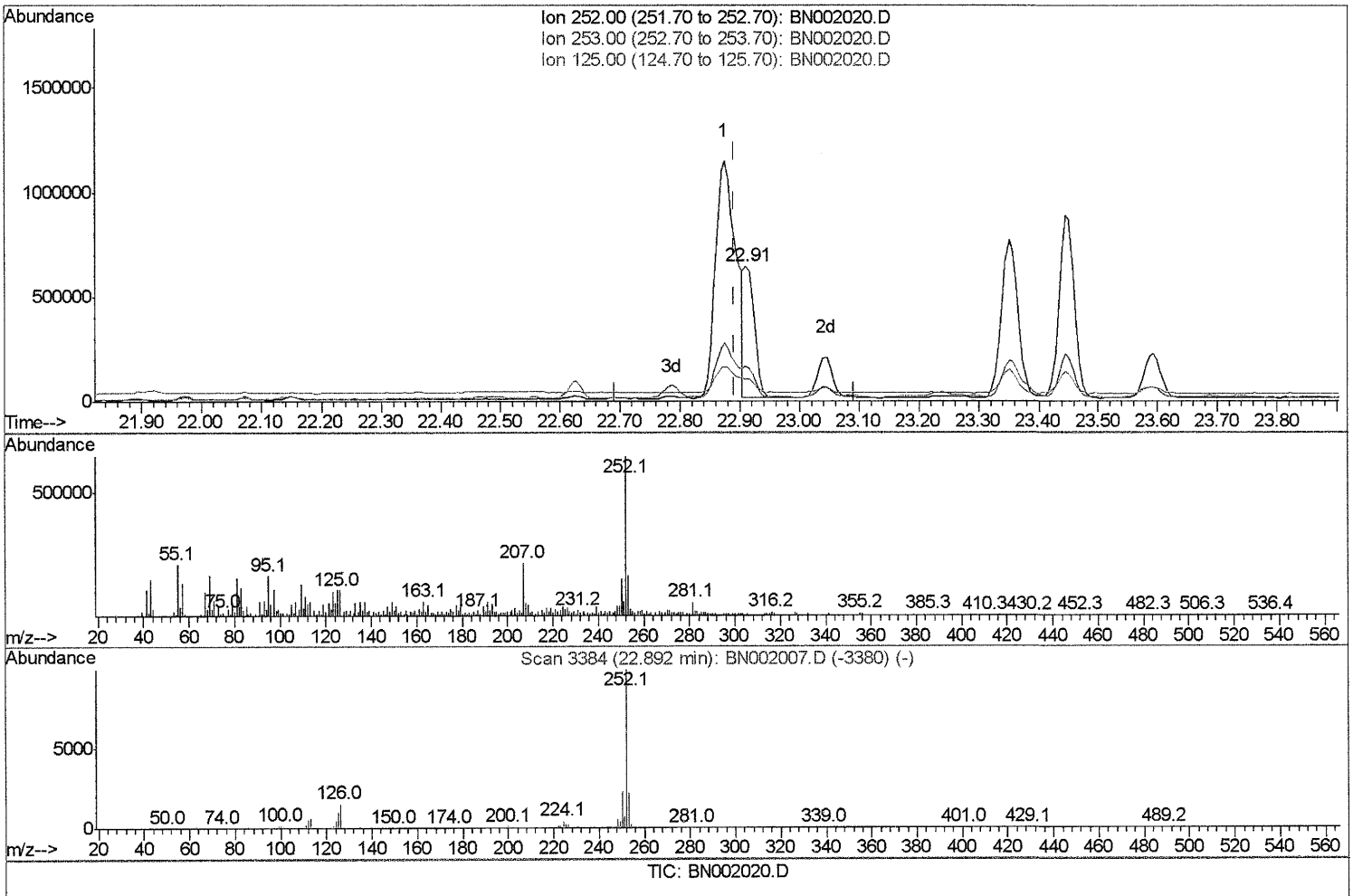
Manual Integrations APPROVED
Sohil
7/12/2018 3:04:05 PM



TIC: BN002020.D

(86) Benzo(k)fluoranthene

22.910min (+0.018) 5.86ng/ul m > SJ 7/12/18

response 751626

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.58
125.00	6.70	16.48#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_N
ClientSampleId :
DAZP2

Manual Integrations APPROVED
Sohil
7/12/2018 3:04:05 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	568746	20.00	ng/ul	0.01
18) Naphthalene-d8	10.49	136	2536725	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.35	164	1456475	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.09	188	3156980	20.00	ng/ul	0.01
75) Chrysene-d12	21.30	240	2273950	20.00	ng/ul	0.02
83) Perylene-d12	23.54	264	2095560	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	70731m	5.40	ng/uL	0.00
5) Phenol-d5	6.90	99	1850719	35.96	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	1093665	34.43	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	1477346	36.21	ng/ul	0.02
13) 4-Methylphenol-d8	8.43	113	1440241	34.93	ng/ul	0.02
19) Nitrobenzene-d5	8.86	128	747866	39.70	ng/ul	0.01
22) 2-Nitrophenol-d4	9.58	143	846511	43.42	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.12	165	1507630	36.22	ng/ul	0.02
29) 4-Chloroaniline-d4	10.63	131	588991	13.67	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	4279700	34.80	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	5499982	36.22	ng/ul	0.01
51) 4-Nitrophenol-d4	14.57	143	730599	32.24	ng/ul	0.02
57) Fluorene-d10	15.35	176	3763940	34.91	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.47	200	388798	22.61	ng/ul	0.01
70) Anthracene-d10	17.20	188	5527394	36.24	ng/ul	0.02
76) Pyrene-d10	19.50	212	5217339	45.52	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.40	264	4080232	35.80	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	6.93	94	108661	2.093	ng/ul	97
44) Dimethylphthalate	13.80	163	1149111	9.506	ng/ul	99
47) Acenaphthylene	14.07	152	225273	1.537	ng/ul	99
49) Acenaphthene	14.41	153	106913	1.052	ng/ul	99
69) Phenanthrene	17.14	178	3550209	19.963	ng/ul	100
71) Anthracene	17.23	178	534621	2.970	ng/ul	98
72) Carbazole	17.50	167	379250	2.515	ng/ul#	96
73) Di-n-butylphthalate	18.07	149	1452000	7.626	ng/ul	99
74) Fluoranthene	19.16	202	5422499	29.007	ng/ul#	88
77) Pyrene	19.53	202	4304030	30.246	ng/ul#	89
80) Benzo(a)anthracene	21.28	228	1624881	11.306	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.22	149	160121	1.768	ng/ul	99
82) Chrysene	21.33	228	2165681	16.196	ng/ul	98
85) Benzo(b)fluoranthene	22.87	252	2781665	21.017	ng/ul#	91
86) Benzo(k)fluoranthene	22.91	252	751626m	5.856	ng/ul	
88) Benzo(a)pyrene	23.44	252	1564467	12.649	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	25.80	276	1423033	10.813	ng/ul#	89
90) Dibenzo(a,h)anthracene	25.80	278	368113	3.361	ng/ul#	69
91) Benzo(g,h,i)perylene	26.49	276	1722051	15.862	ng/ul#	87

SJ 7/12/18

SJ 7/12/18

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