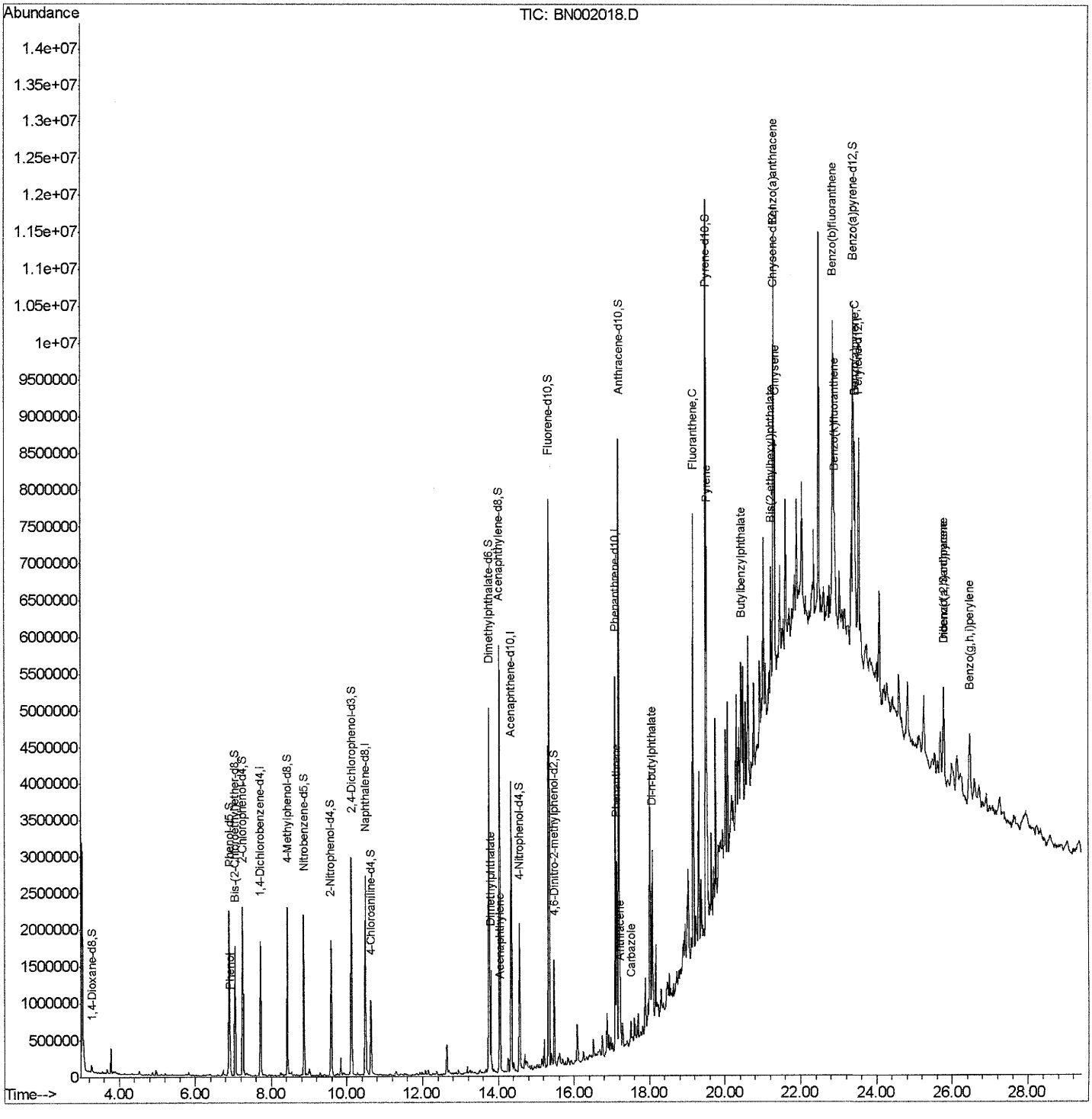
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002018.D
Acq On : 11 Jul 2018 19:32
Operator : JU/SJ
Sample : J3775-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 12 00:09:48 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 :
DAZQ0

Manual Integrations APPROVED
Sohil
7/12/2018 3:04:00 PM



Quantitation Report (Qedit)

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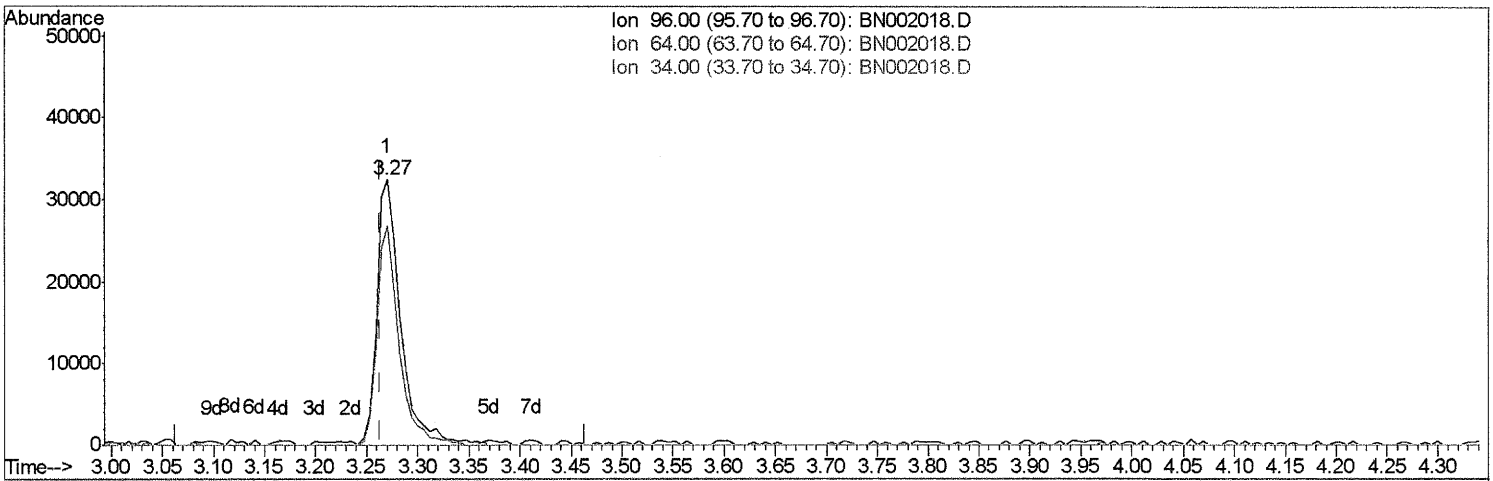

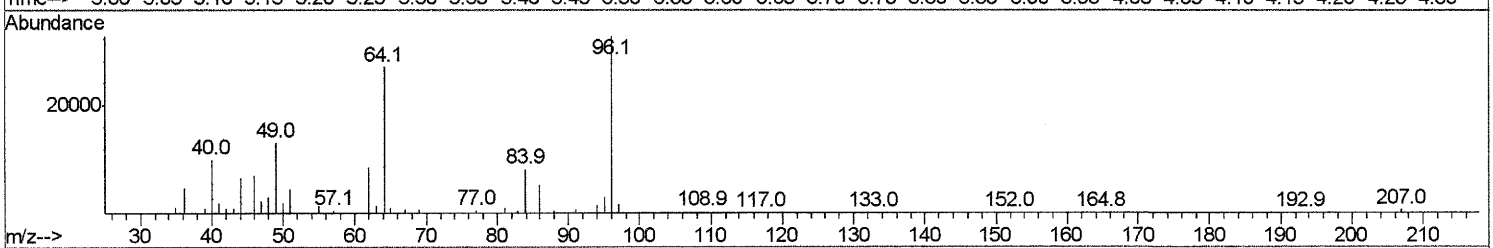

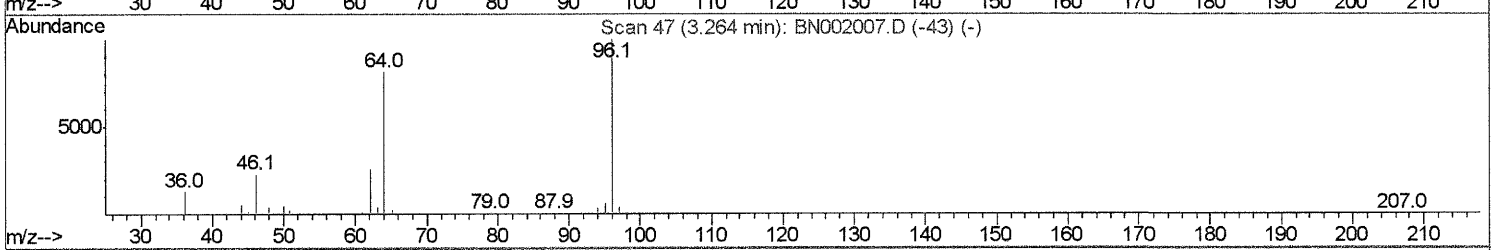

TIC: BN002018.D

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

3.270min (+0.006) 4.57ng/uL

response 52043

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	82.85
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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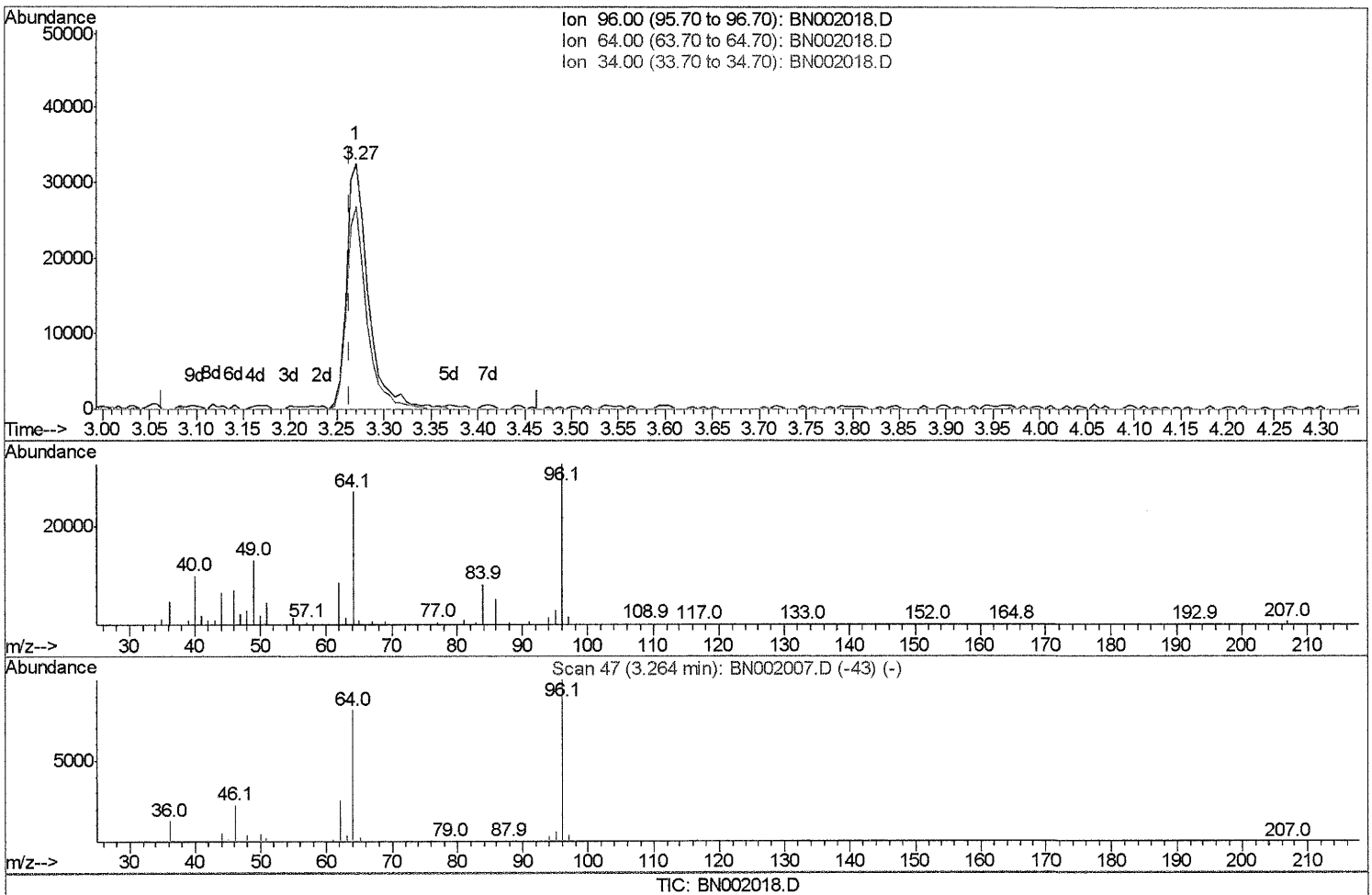
7/12/2018 3:04:00 PM



TIC: BN002018.D

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

3.270min (+0.006) 4.68ng/uL m) SO 7/12/18

response 53250

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	82.85
34.00	0.00	0.00
0.00	0.00	0.00

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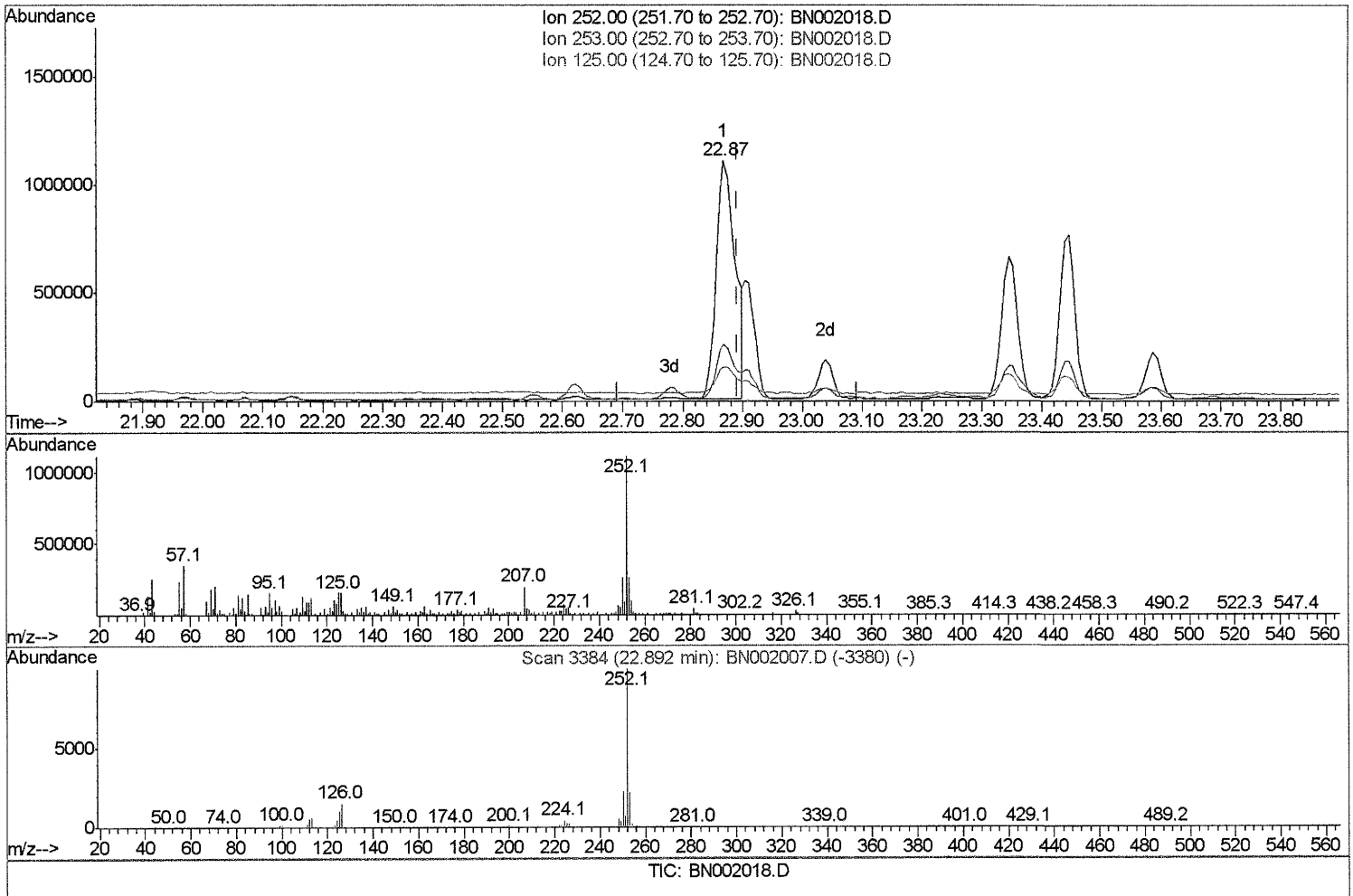
Manual Integrations APPROVED
Sohil
7/12/2018 3:04:00 PM



TIC: BN002018.D

(86) Benzo(k)fluoranthene

22.869min (-0.023) 19.04ng/ul

response 2424272

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.81
125.00	6.70	14.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

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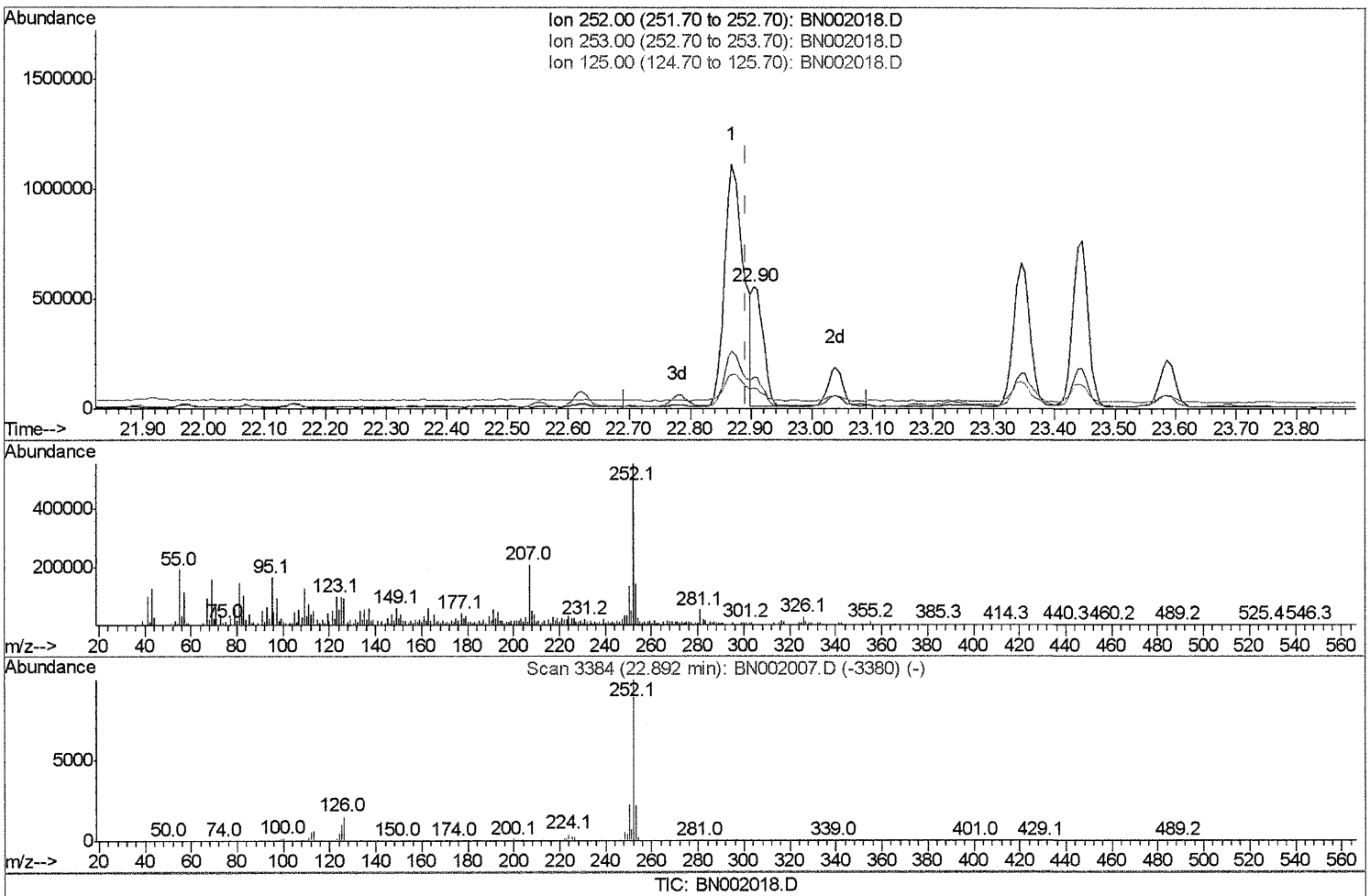
Manual Integrations APPROVED
Sohil
7/12/2018 3:04:00 PM



TIC: BN002018.D

(86) Benzo(k)fluoranthene

22.904min (+0.012) 5.51ng/ul m

response 701121

SJ 7/12/18

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.20
125.00	6.70	17.12#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Instrument :
BNA_N
ClientSampleId :
DAZQ0

Manual Integrations APPROVED
Sohil
7/12/2018 3:04:00 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	494631	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2223140	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1301034	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.09	188	2906944	20.00	ng/ul	0.01
75) Chrysene-d12	21.29	240	2350794	20.00	ng/ul	0.01
83) Perylene-d12	23.54	264	2078460	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	53250m	4.68	ng/uL	0.00
5) Phenol-d5	6.90	99	1293350	28.89	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.05	67	782834	28.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1039578	29.29	ng/ul	0.01
13) 4-Methylphenol-d8	8.42	113	862893	24.06	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	536888	32.52	ng/ul	0.01
22) 2-Nitrophenol-d4	9.58	143	610252	35.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	1080706	29.62	ng/ul	0.01
29) 4-Chloroaniline-d4	10.63	131	599682	15.88	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	3328826	30.30	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4247972	31.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	520243	25.70	ng/ul	0.02
57) Fluorene-d10	15.34	176	3042642	31.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	297309	18.78	ng/ul	0.01
70) Anthracene-d10	17.19	188	4624497	32.93	ng/ul	0.01
76) Pyrene-d10	19.49	212	4715325	39.79	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.40	264	3633566	32.15	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.92	94	76139	1.687	ng/ul	96
44) Dimethylphthalate	13.80	163	853138	7.901	ng/ul	100
47) Acenaphthylene	14.06	152	168041	1.284	ng/ul	100
69) Phenanthrene	17.13	178	1531248	9.351	ng/ul	99
71) Anthracene	17.23	178	342197	2.064	ng/ul	97
72) Carbazole	17.50	167	183801	1.324	ng/ul	95
73) Di-n-butylphthalate	18.07	149	1743827	9.946	ng/ul	99
74) Fluoranthene	19.16	202	3451490	20.052	ng/ul#	90
77) Pyrene	19.52	202	2883888	19.603	ng/ul#	87
78) Butylbenzylphthalate	20.43	149	436581	6.955	ng/ul	94
80) Benzo(a)anthracene	21.28	228	1512139	10.178	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.22	149	690837	7.380	ng/ul	98
82) Chrysene	21.33	228	1706020	12.341	ng/ul	97
85) Benzo(b)fluoranthene	22.87	252	2424272	18.467	ng/ul#	91
86) Benzo(k)fluoranthene	22.90	252	701121m	5.508	ng/ul	
88) Benzo(a)pyrene	23.45	252	1350423	11.008	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.79	276	1206749	9.245	ng/ul#	89
90) Dibenzo(a,h)anthracene	25.79	278	327897	3.018	ng/ul#	75
91) Benzo(g,h,i)perylene	26.47	276	1119990	10.401	ng/ul#	90

SJ 7/12/18

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