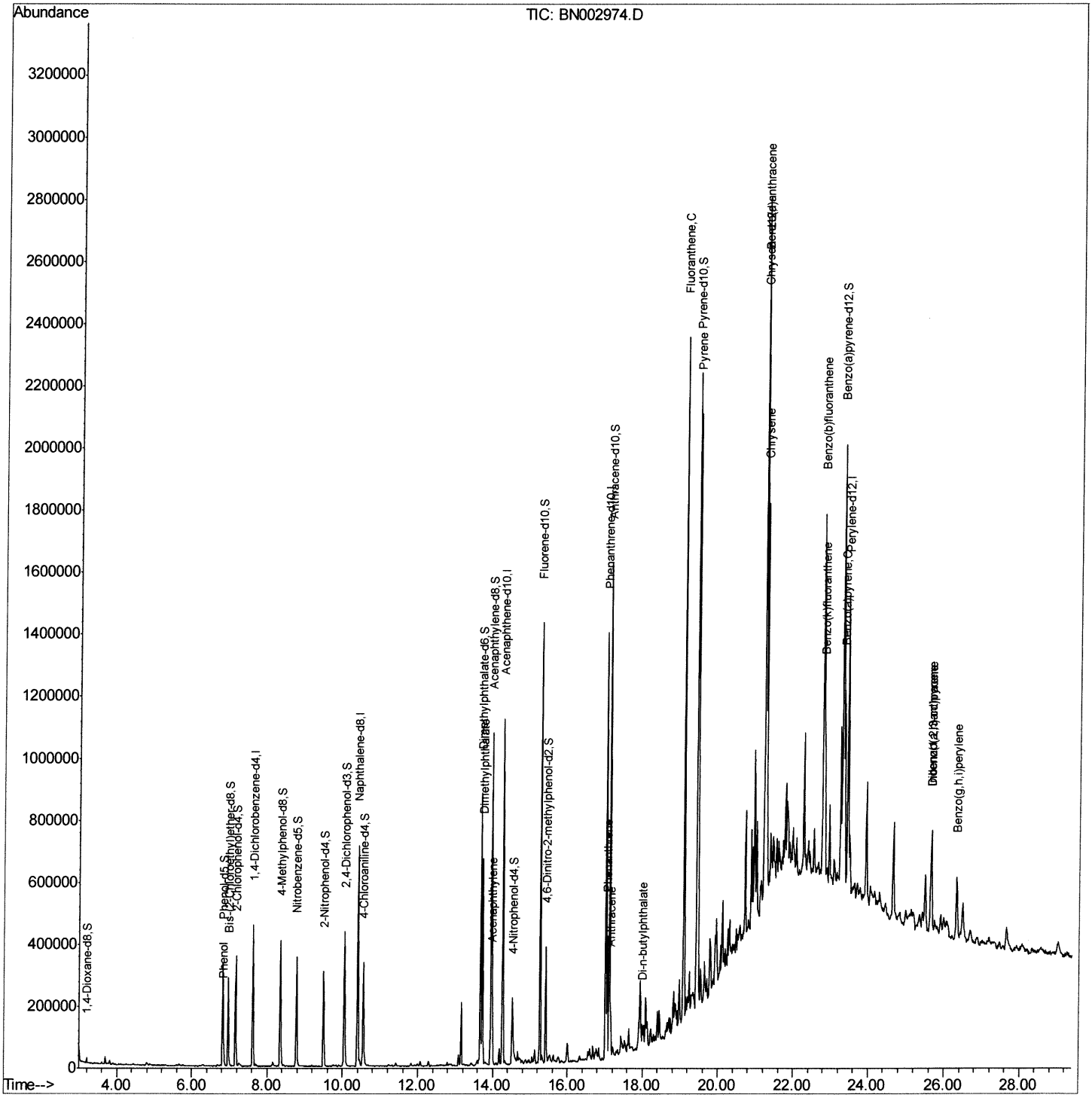
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002974.D
Acq On : 05 Oct 2018 21:55
Operator : MJ/SJ
Sample : J5230-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 06 03:48:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 02:55:40 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YY0

Manual Integrations APPROVED
Sohil
10/8/2018 5:53:41 PM



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Acq On : 05 Oct 2018 21:55
Operator : MJ/SJ
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Quant Time: Oct 06 02:56:57 2018
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Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED
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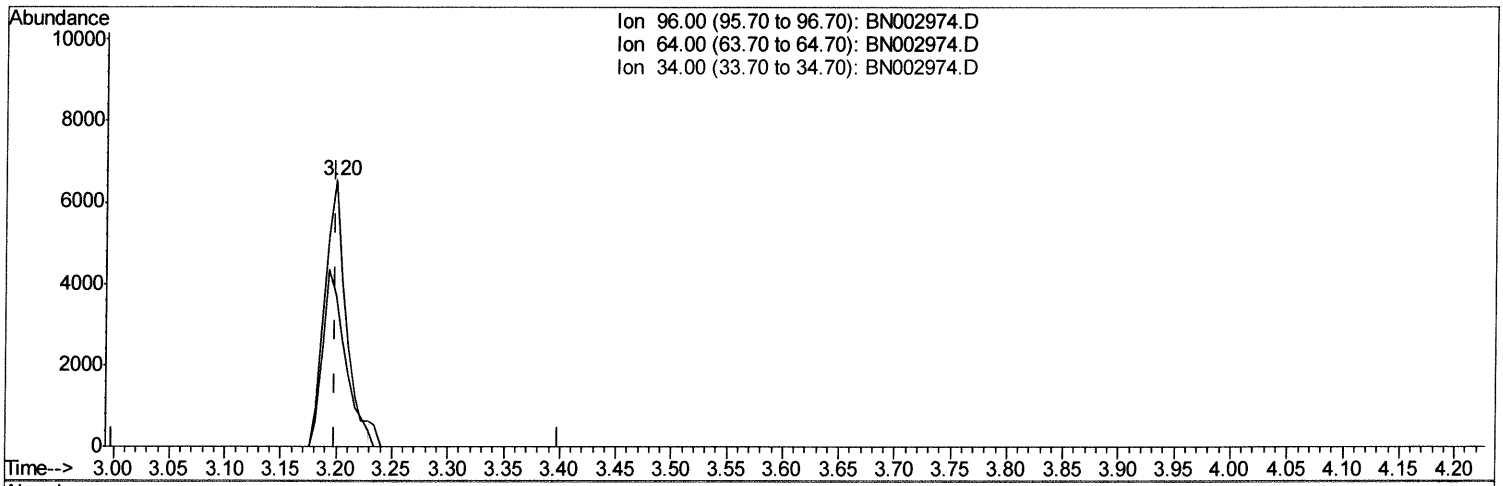

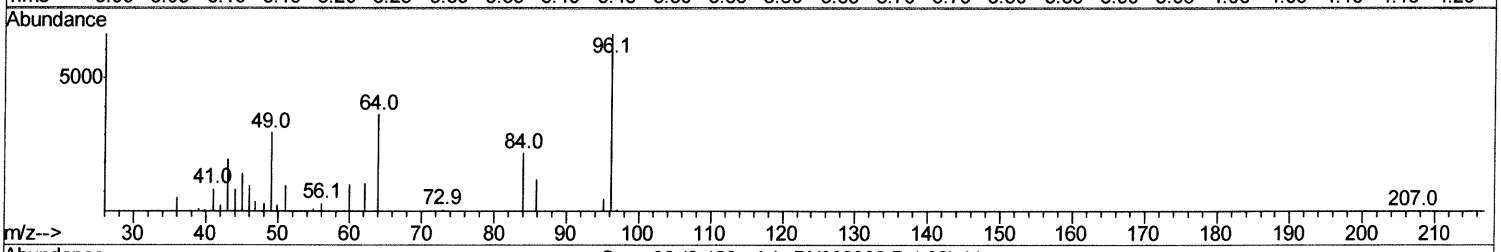

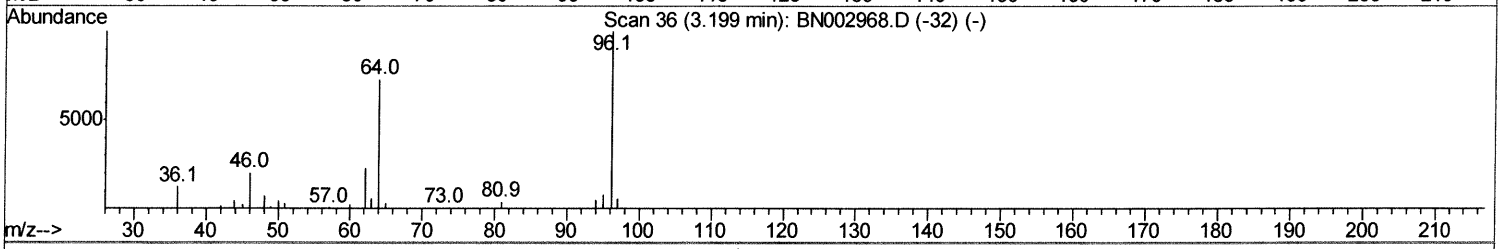

TIC: BN002974.D

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

3.199min (-0.000) 3.14ng/uL

response 8783

Ion	Exp%	Act%
96.00	100	100
64.00	77.80	70.50
34.00	0.00	0.00
0.00	0.00	0.00

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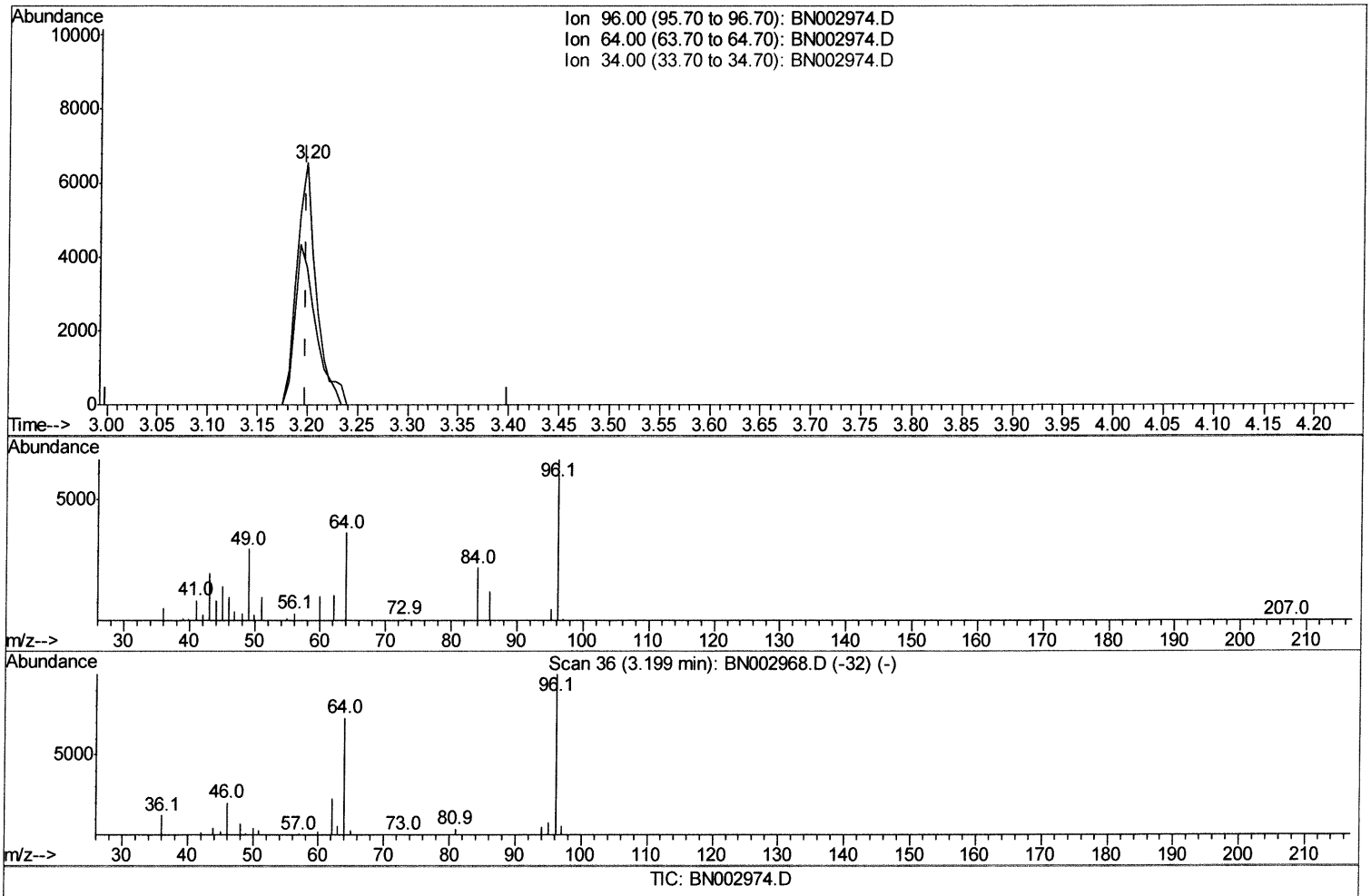
Manual Integrations APPROVED
Sohil
10/8/2018 5:53:41 PM



TIC: BN002974.D

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

3.199min (-0.000) 3.21ng/uL m SJ 10/10/18

response 8973

Ion	Exp%	Act%
96.00	100	100
64.00	77.80	69.01
34.00	0.00	0.00
0.00	0.00	0.00

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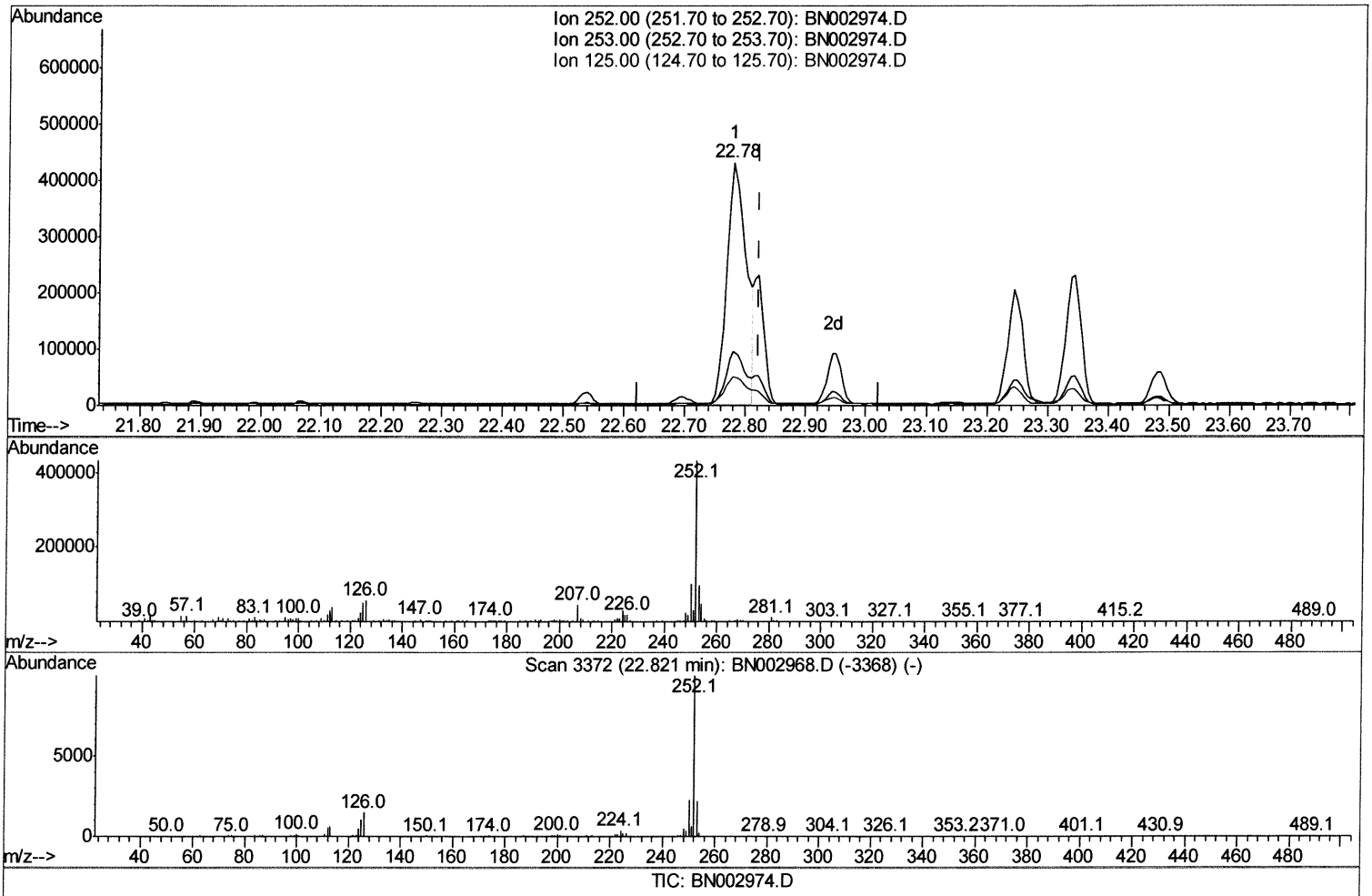
Manual Integrations APPROVED
Sohil
10/8/2018 5:53:41 PM



TIC: BN002974.D

(88) Benzo(k)fluoranthene

22.780min (-0.041) 24.56ng/ul

response 949104

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.41
125.00	10.40	11.78
0.00	0.00	0.00

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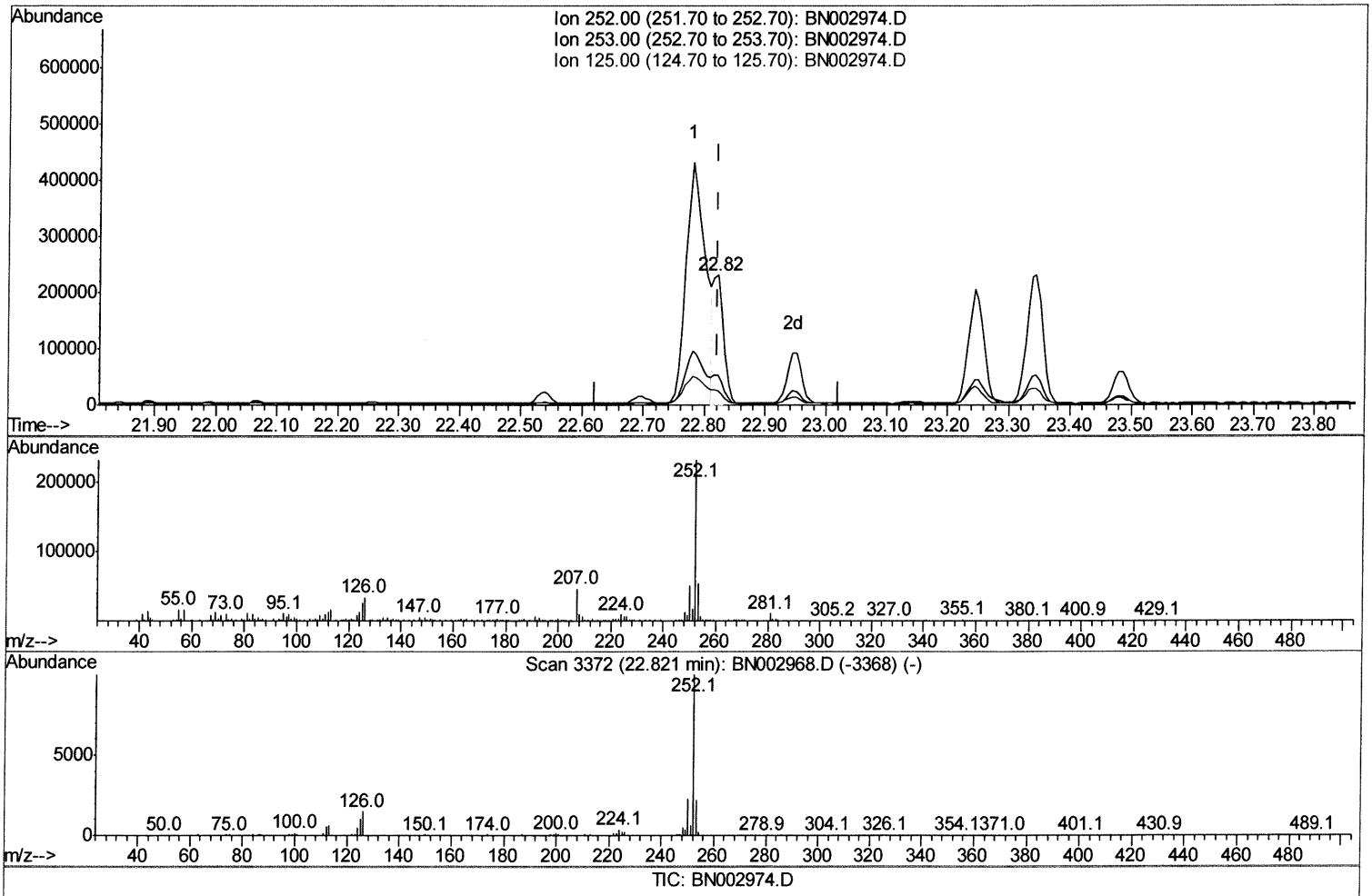
Manual Integrations APPROVED
Sohil
10/8/2018 5:53:41 PM



TIC: BN002974.D

(88) Benzo(k)fluoranthene

22.821min (-0.000) 6.98ng/ul m SJ 10/10/18

response 269678

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.16
125.00	10.40	10.99
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	128863	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	603266	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	364202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	807516	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	813559	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	678164	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	8973m	3.21	ng/uL	0.00
5) Phenol-d5	6.82	99	221189	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	132868	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	181754	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	175587	20.72	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	94044	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	112360	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	194737	20.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	211059	19.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	623444	21.87	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	780206	20.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	96207	20.41	ng/ul	0.00
57) Fluorene-d10	15.26	176	553545	22.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	93784	18.57	ng/ul	0.00
70) Anthracene-d10	17.12	188	861236	22.34	ng/ul	0.00
78) Pyrene-d10	19.42	212	944974	22.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	817386	22.90	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	16582	1.503	ng/ul	94
44) Dimethylphthalate	13.73	163	447513	16.084	ng/ul	100
47) Acenaphthylene	13.99	152	174472	4.989	ng/ul	99
69) Phenanthrene	17.06	178	239726	5.388	ng/ul	99
71) Anthracene	17.15	178	138754	3.076	ng/ul	100
75) Di-n-butylphthalate	17.99	149	63012	1.357	ng/ul	99
76) Fluoranthene	19.09	202	1233658	25.993	ng/ul	99
79) Pyrene	19.45	202	1100838	20.465	ng/ul	98
82) Benzo(a)anthracene	21.21	228	611466	12.082	ng/ul	97
84) Chrysene	21.26	228	722109	15.222	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	949104	22.916	ng/ul	97
88) Benzo(k)fluoranthene	22.82	252	269678m	6.979	ng/ul	
90) Benzo(a)pyrene	23.34	252	421931	10.776	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.64	276	282655	6.098	ng/ul	96
92) Dibenzo(a,h)anthracene	25.64	278	88887	2.276	ng/ul#	85
93) Benzo(g,h,i)perylene	26.32	276	227957	5.883	ng/ul	99

SJ 10/10/18

SJ 10/10/18

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