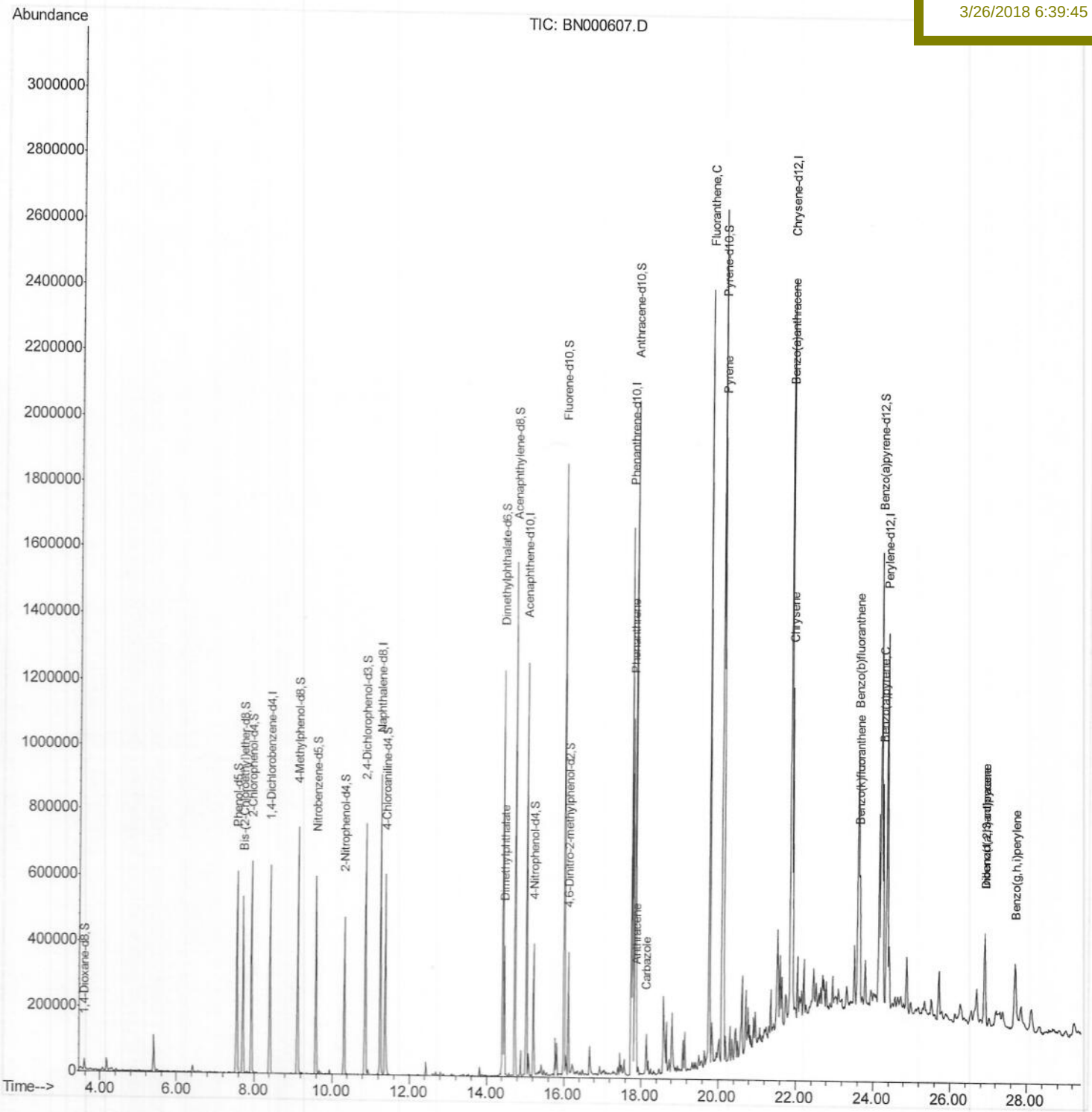
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000607.D
Acq On : 24 Mar 2018 08:01
Operator : JU/SJ
Sample : J1951-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 26 01:49:02 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AW1

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:45 PM



SOM-EPA-BN031918.M Mon Mar 26 01:50:01 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000607.D
Acq On : 24 Mar 2018 08:01
Operator : JU/SJ
Sample : J1951-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 26 01:27:32 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
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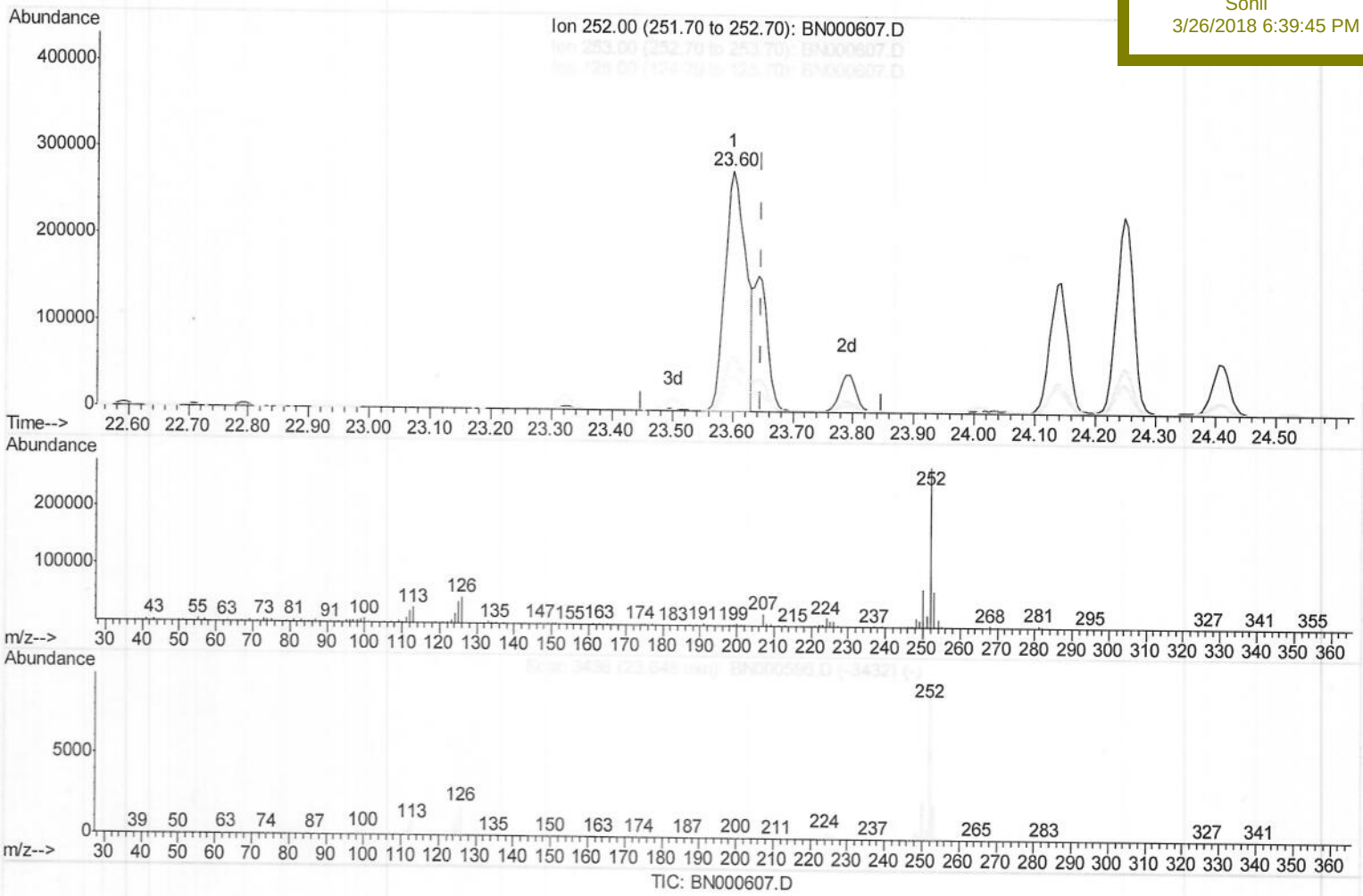
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AW1

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:45 PM



TIC: BN000607.D

(86) Benzo(k)fluoranthene

23.601min (-0.047) 13.61ng/ul

response 667345

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.68
125.00	6.70	14.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
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Acq On : 24 Mar 2018 08:01
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Quant Title : SVOA CALIBRATION
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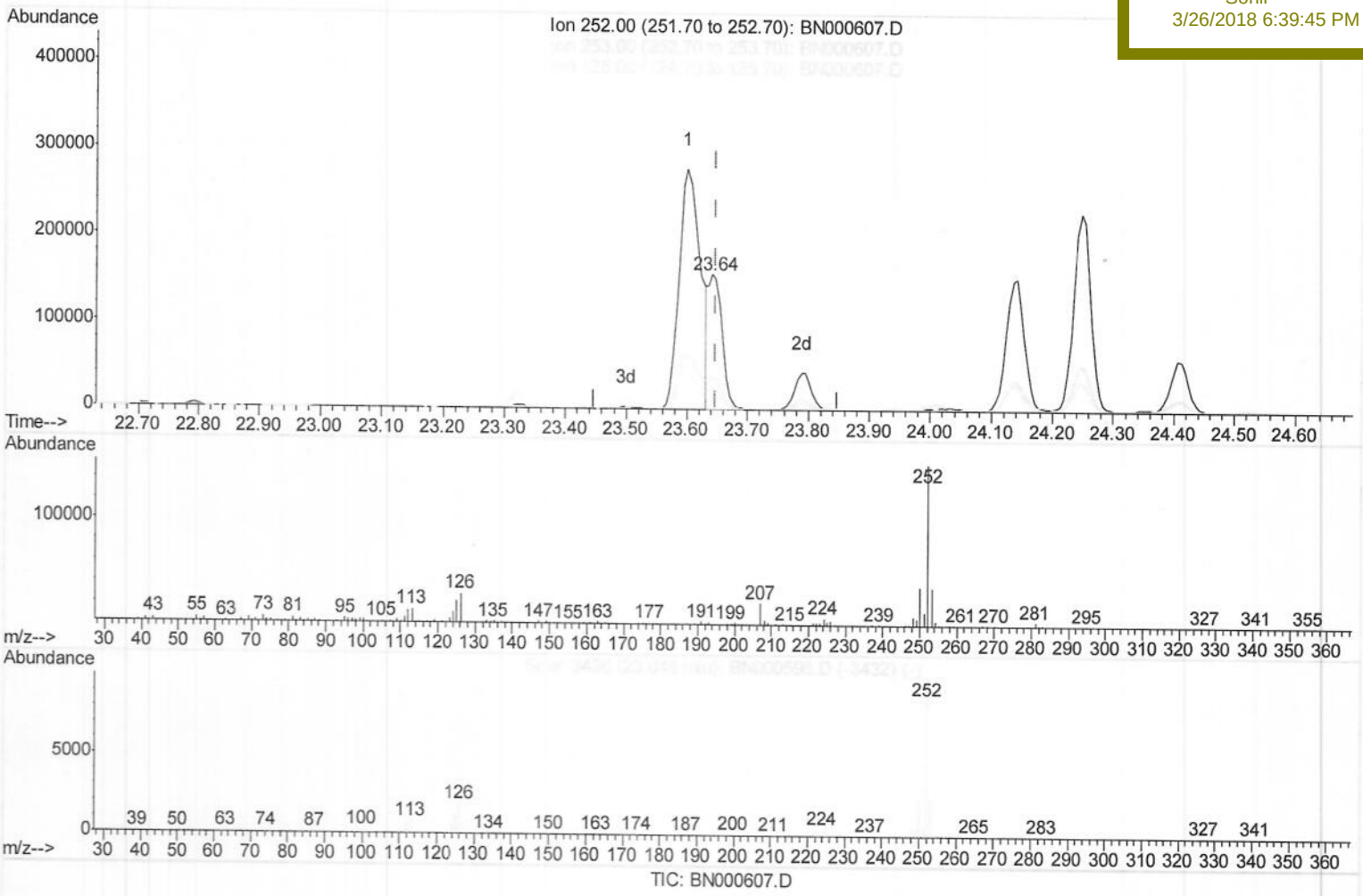
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AW1

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:45 PM



(86) Benzo(k)fluoranthene

23.642min (-0.006) 5.08ng/ul m JSJ 3/26/1118

response 249054

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.42
125.00	6.70	14.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000607.D
Acq On : 24 Mar 2018 08:01
Operator : JU/SJ
Sample : J1951-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 26 01:49:02 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AW1

Manual Integrations APPROVED
Sohil
3/26/2018 6:39:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	168178	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	747287	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	410633	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	888909	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	895077	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	804060	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	20239	4.30	ng/uL	0.00
5) Phenol-d5	7.55	99	385864	24.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	237474	26.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	295635	24.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	299830	24.53	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	142486	23.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	152996	24.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.86	165	271526	24.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	333348	28.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	818610	25.23	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	1074692	25.11	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	96438	16.01	ng/ul	0.00
57) Fluorene-d10	16.01	176	714874	25.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.12	200	65350	12.84	ng/ul	0.00
70) Anthracene-d10	17.85	188	1069383	25.03	ng/ul	0.00
76) Pyrene-d10	20.11	212	1186138	24.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	990626	26.10	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.46	163	228127	7.109	ng/ul#	97
69) Phenanthrene	17.80	178	602002	11.756	ng/ul	100
71) Anthracene	17.88	178	116944	2.227	ng/ul	98
72) Carbazole	18.15	167	71641	1.591	ng/ul#	97
74) Fluoranthene	19.78	202	1239258	24.353	ng/ul#	81
77) Pyrene	20.14	202	1025059	15.679	ng/ul#	77
80) Benzo(a)anthracene	21.86	228	547832	9.186	ng/ul	99
82) Chrysene	21.91	228	539954	9.658	ng/ul	98
85) Benzo(b)fluoranthene	23.60	252	667345	13.135	ng/ul#	93
86) Benzo(k)fluoranthene	23.64	252	249054m)	5.078	ng/ul	
88) Benzo(a)pyrene	24.25	252	446597	9.340	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.91	276	268803	5.213	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.91	278	65984	1.536	ng/ul#	79
91) Benzo(g,h,i)perylene	27.69	276	247553	5.778	ng/ul#	87

)SJ3/26/18

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