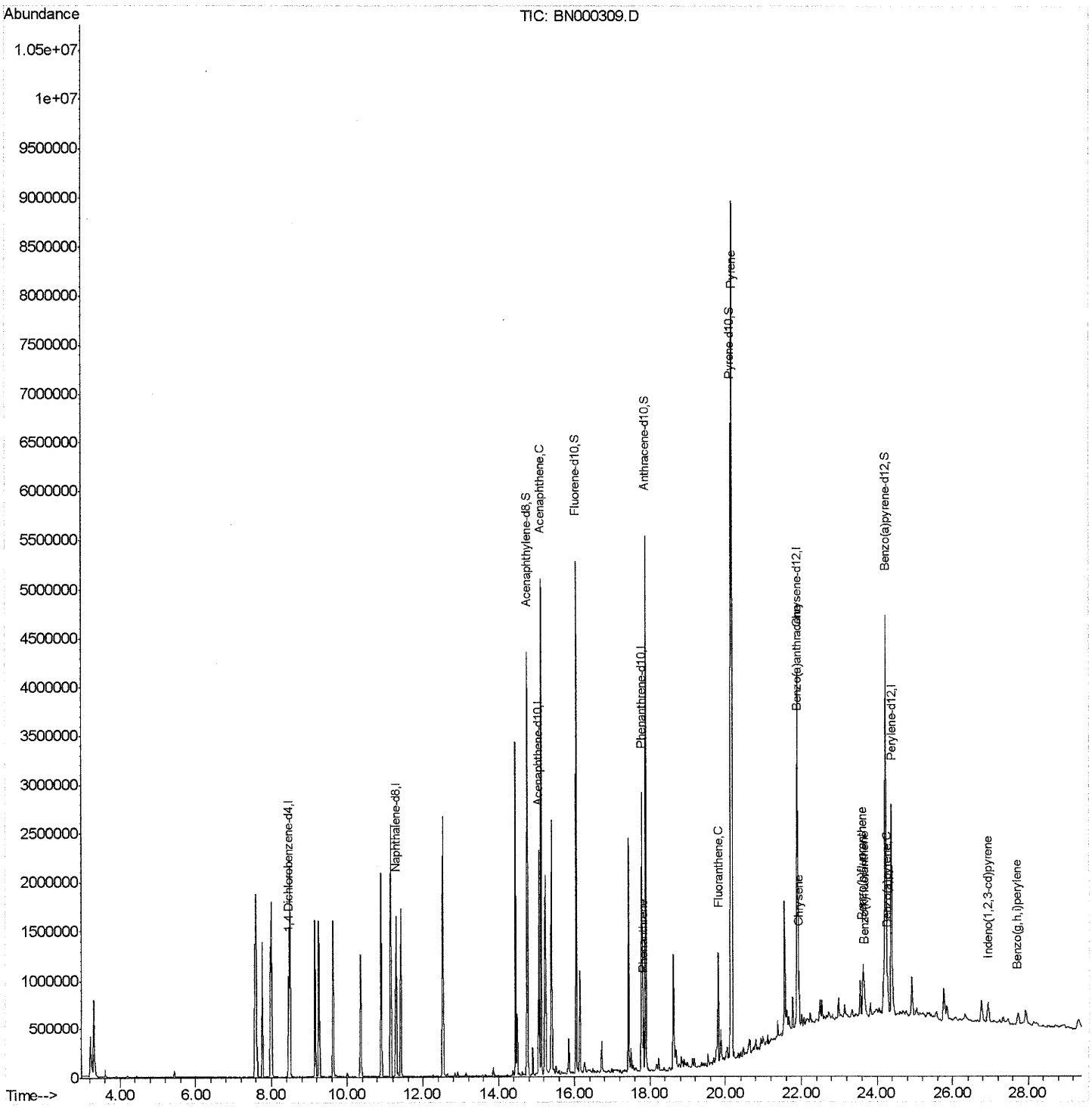
Instrument :
BNA_N
ClientSampleId :
DAM67MSD

Manual Integrations APPROVED
Sohil
3/13/2018 5:32:45 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN031218\
Data File : BN000309.D
Acq On : 12 Mar 2018 14:19
Operator : JU/SJ
Sample : J1843-10MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 12 15:13:57 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 12 15:04:53 2018
Response via : Initial Calibration



Instrument :
BNA_N
ClientSampleId :
DAM67MSD

Manual Integrations APPROVED
Sohil
3/13/2018 5:32:45 PM

Quantitation Report (Qedit)

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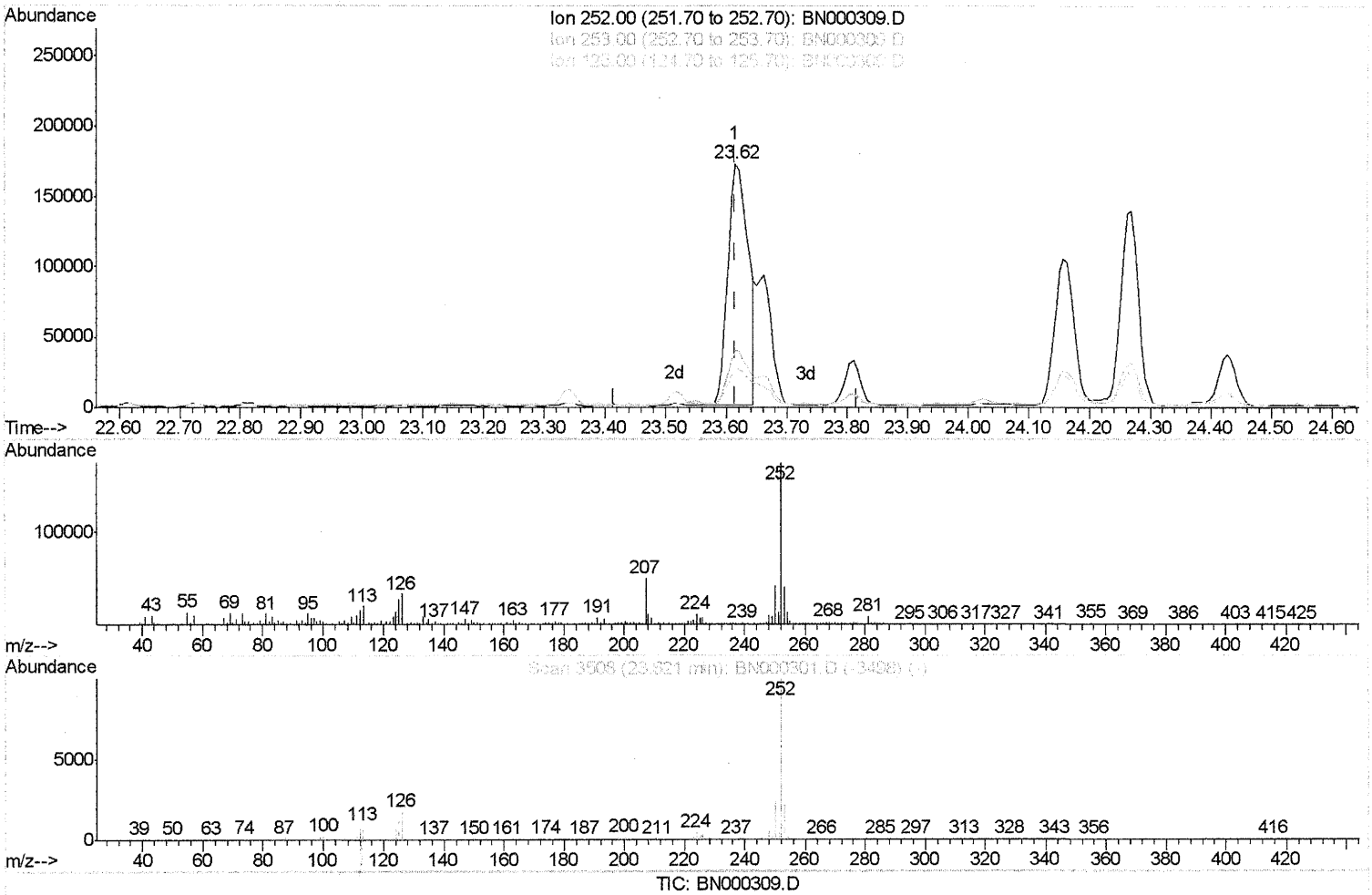
Acq On : 12 Mar 2018 14:19
Operator : JU/SJ
Sample : J1843-10MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 12 15:11:03 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 12 15:04:53 2018
Response via : Initial Calibration



(23) Benzo(b)fluoranthene

23.615min (-0.000) 4.47ng/ul

response 408534

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.31
125.00	10.00	16.26#
0.00	0.00	0.00

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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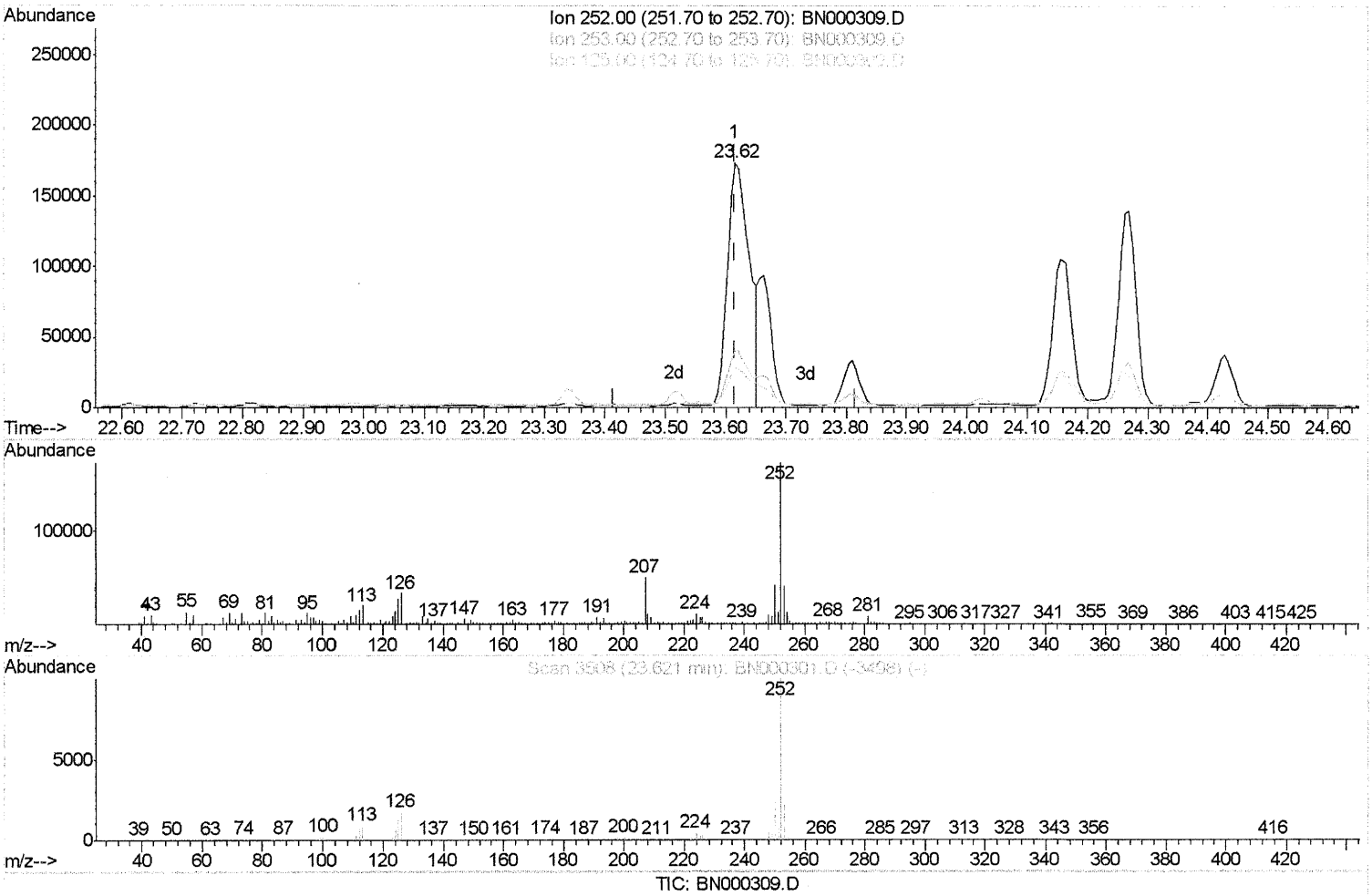

TIC: BN000309.D

(23) Benzo(b)fluoranthene

23.615min (-0.000) 4.88ng/ul m SJ 03/13/18

response 445889

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.31
125.00	10.00	16.26#
0.00	0.00	0.00

Instrument :
BNA_N
ClientSampleId :
DAM67MSD

Manual Integrations APPROVED
Sohil
3/13/2018 5:32:45 PM

Quantitation Report (Qedit)

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Acq On : 12 Mar 2018 14:19
Operator : JU/SJ
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Misc :
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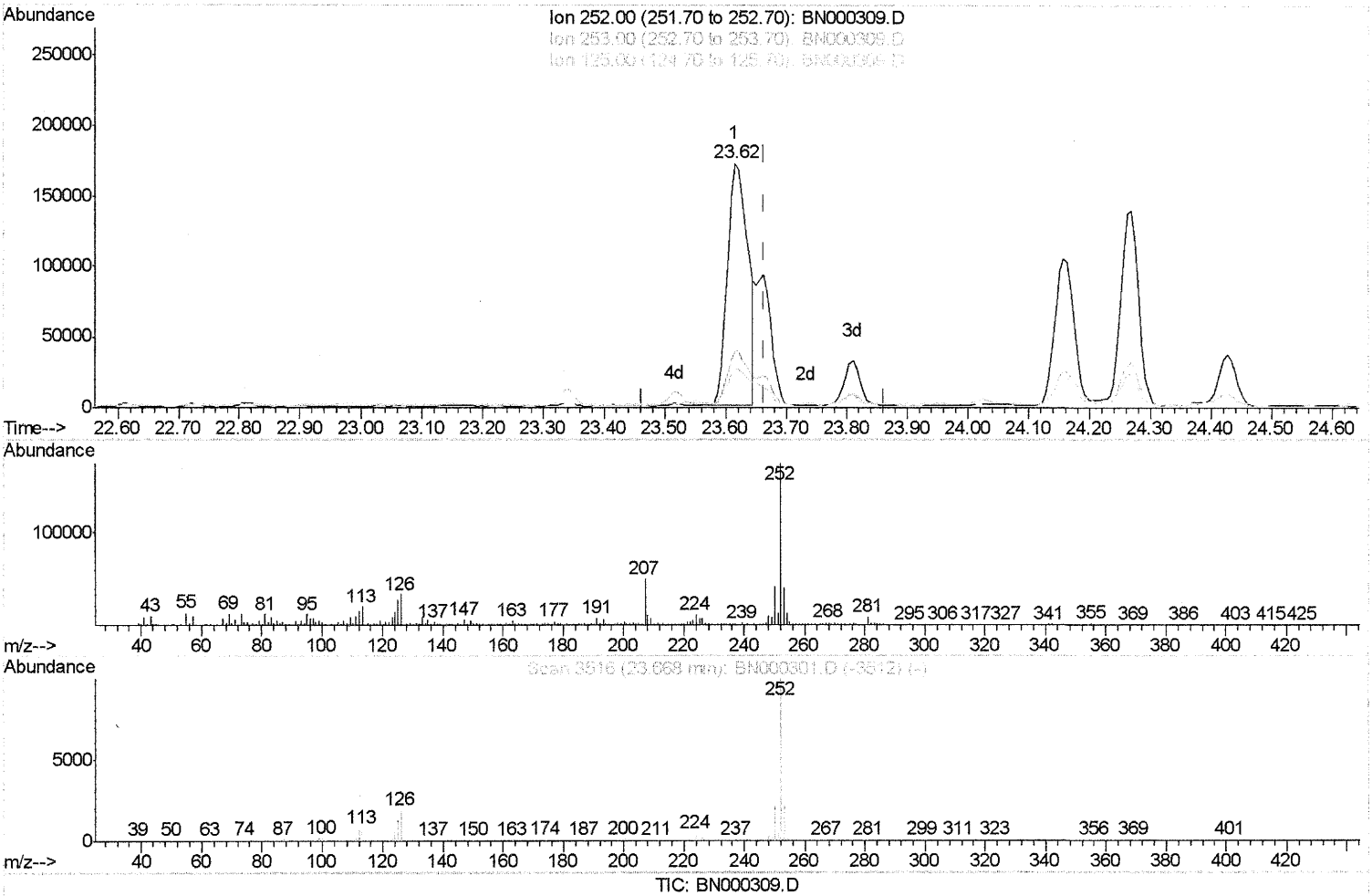
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 12 15:04:53 2018
Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.615min (-0.048) 4.78ng/ul

response 408534

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.31
125.00	10.10	16.26#
0.00	0.00	0.00

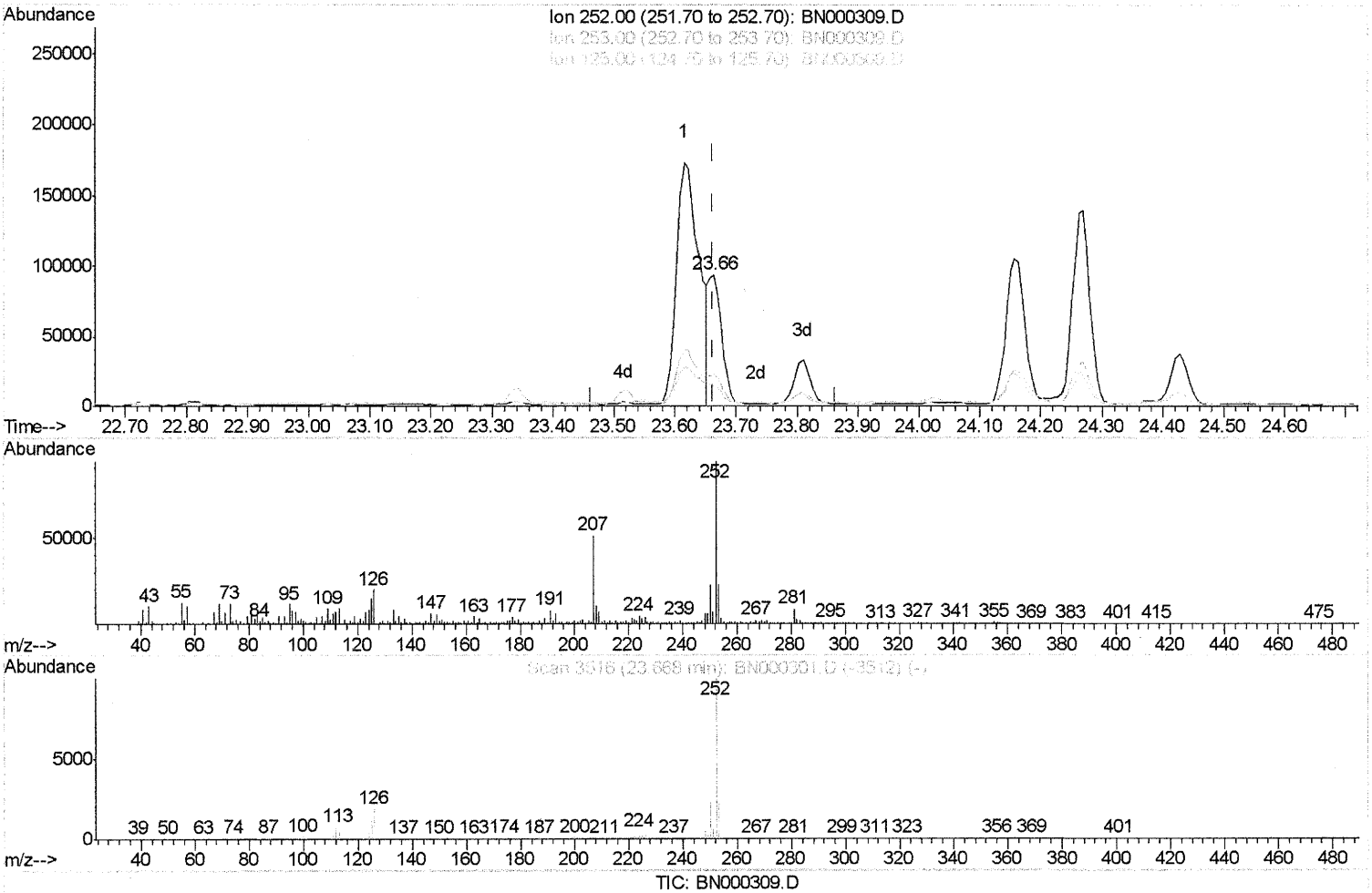
Instrument :
BNA_N
ClientSampleId :
DAM67MSD

Manual Integrations APPROVED
Sohil
3/13/2018 5:32:45 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN031218\
Data File : BN000309.D
Acq On : 12 Mar 2018 14:19
Operator : JU/SJ
Sample : J1843-10MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 12 15:11:03 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 12 15:04:53 2018
Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.662min (-0.000) 1.65ng/ul m SJ 03/13/18

response 141332

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.50
125.00	10.10	16.02#
0.00	0.00	0.00

Instrument :
BNA_N
ClientSampleId :
DAM67MSD

Manual Integrations
APPROVED
Sohil
3/13/2018 5:32:45 PM

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 12 15:04:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	284326	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1367605	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	761167	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1587601	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1617981	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1532301	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2970954	39.33	ng/ul	0.00
10) Fluorene-d10	16.04	176	1930495	37.74	ng/ul	0.00
14) Anthracene-d10	17.88	188	2867753	38.66	ng/ul	0.00
18) Pyrene-d10	20.13	212	3120952	39.43	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2796054	39.96	ng/ul	0.01
Target Compounds						Qvalue
9) Acenaphthene	15.12	153	2117073	40.067	ng/ul	96
13) Phenanthrene	17.82	178	289288	3.177	ng/ul	100
16) Fluoranthene	19.80	202	596542	6.064	ng/ul	96
19) Pyrene	20.16	202	4661253	45.631	ng/ul#	87
20) Benzo(a)anthracene	21.88	228	326019	3.241	ng/ul	98
21) Chrysene	21.93	228	310795	3.256	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	445889m	4.880	ng/ul	
24) Benzo(k)fluoranthene	23.66	252	141332m	1.652	ng/ul	
26) Benzo(a)pyrene	24.27	252	279681	3.216	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.93	276	178064	1.899	ng/ul#	84
29) Benzo(g,h,i)perylene	27.71	276	164827	2.105	ng/ul#	85

SJ 03/13/18

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