

(QT Reviewed)

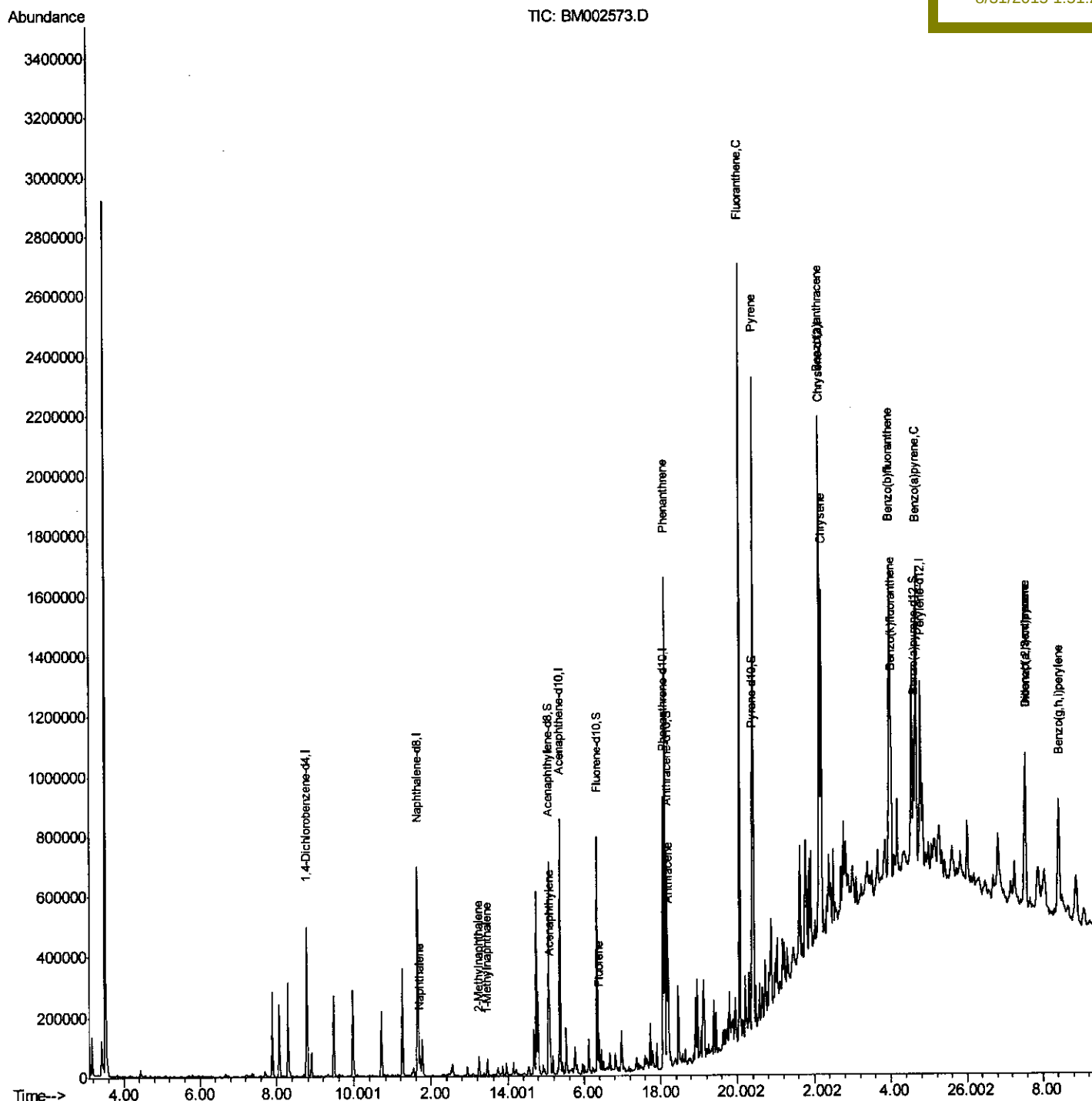
```
Data Path   : Z:\HPCHEM1\BNA_M\DATA\BM082915\  
Data File  : BM002573.D  
Acq On     : 29 Aug 2015   20:20  
Operator   : UM/IZ  
Sample     : G3455-12  
Misc       :  
ALS Vial   : 15      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
D9E77

Quant Time: Aug 31 01:30:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration

Manual Integrations

MMDadoda
8/31/2015 1:51:21 PM



Quantitation Report (Qedit)

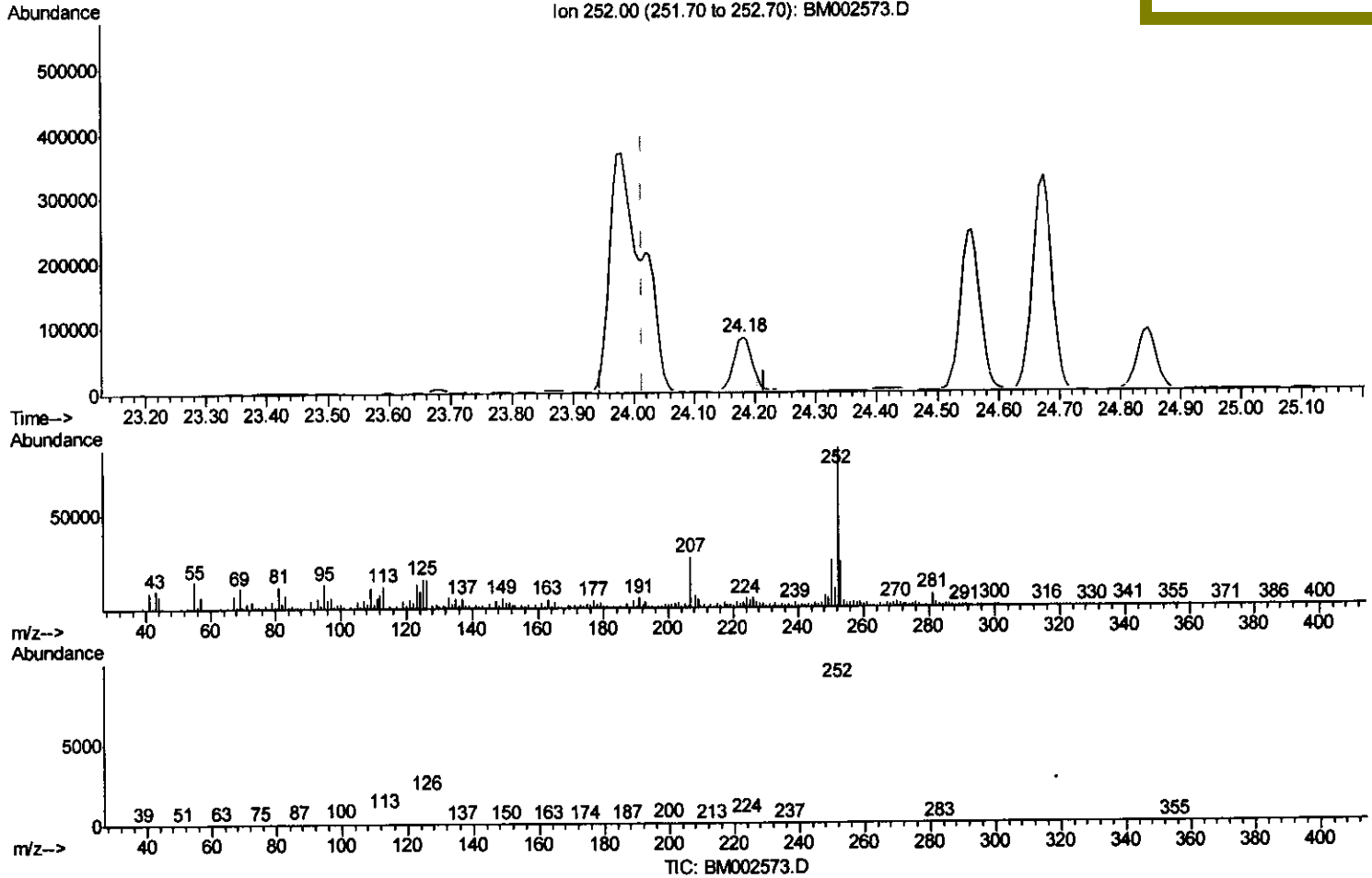
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
 Data File : BM002573.D
 Acq On : 29 Aug 2015 20:20
 Operator : UM/IZ
 Sample : G3455-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E77

Quant Time: Aug 31 01:13:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 01:07:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(24) Benzo(k)fluoranthene

24.180min (+0.165) 5.82ng/ul

response 169444

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	28.90#
125.00	12.30	18.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

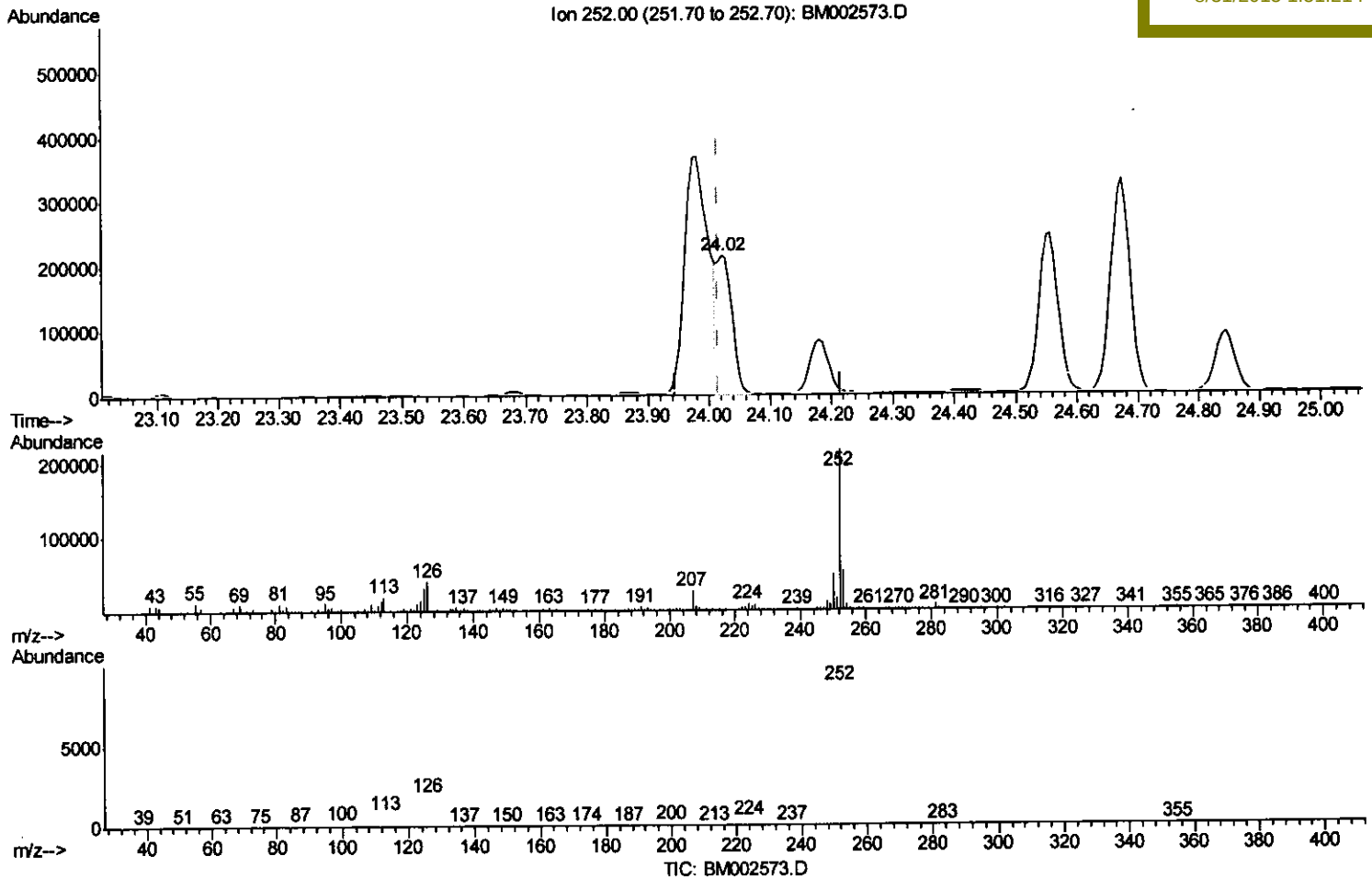
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
 Data File : BM002573.D
 Acq On : 29 Aug 2015 20:20
 Operator : UM/IZ
 Sample : G3455-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E77

Quant Time: Aug 31 01:13:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 01:07:40 2015
 Response via : Initial Calibration

Manual Integrations
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(24) Benzo(k)fluoranthene

24.021min (+0.006) 12.61ng/ul m

response 367039

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.80
125.00	12.30	14.41
0.00	0.00	0.00

U.M
 9/1/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
 Data File : BM002573.D
 Acq On : 29 Aug 2015 20:20
 Operator : UM/IZ
 Sample : G3455-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E77

Quant Time: Aug 31 01:30:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 01:07:40 2015
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	152761	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	653599	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	297734	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	518774	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	495724	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	508130	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	508453	16.70	ng/ul	0.00
10) Fluorene-d10	16.34	176	318313	14.89	ng/ul	0.00
14) Anthracene-d10	18.17	188	406903	16.26	ng/ul	0.00
18) Pyrene-d10	20.40	212	374195	17.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	313824	11.76	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.69	128	65623	1.97	ng/ul	99
4) 2-Methylnaphthalene	13.24	142	35816	1.43	ng/ul	94
5) 1-Methylnaphthalene	13.46	142	29831	1.21	ng/ul	98
8) Acenaphthylene	15.10	152	178878	5.61	ng/ul	99
11) Fluorene	16.39	166	63377	2.64	ng/ul#	97
13) Phenanthrene	18.12	178	998739	33.34	ng/ul	100
15) Anthracene	18.20	178	256499	8.45	ng/ul	100
16) Fluoranthene	20.07	202	1545243	45.56	ng/ul	95
19) Pyrene	20.43	202	1276103	43.94	ng/ul	97
20) Benzo(a)anthracene	22.14	228	787493	26.56	ng/ul	99
21) Chrysene	22.20	228	716443	25.84	ng/ul	96
23) Benzo(b)fluoranthene	23.98	252	996816	32.45	ng/ul	96
24) Benzo(k)fluoranthene	24.02	252	367039m	12.61	ng/ul	97
26) Benzo(a)pyrene	24.67	252	722597	24.63	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.56	276	547856	16.24	ng/ul	96
28) Dibenzo(a,h)anthracene	27.55	278	153551	5.44	ng/ul#	72
29) Benzo(g,h,i)perylene	28.43	276	522201	18.59	ng/ul	97

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

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 8/11/15