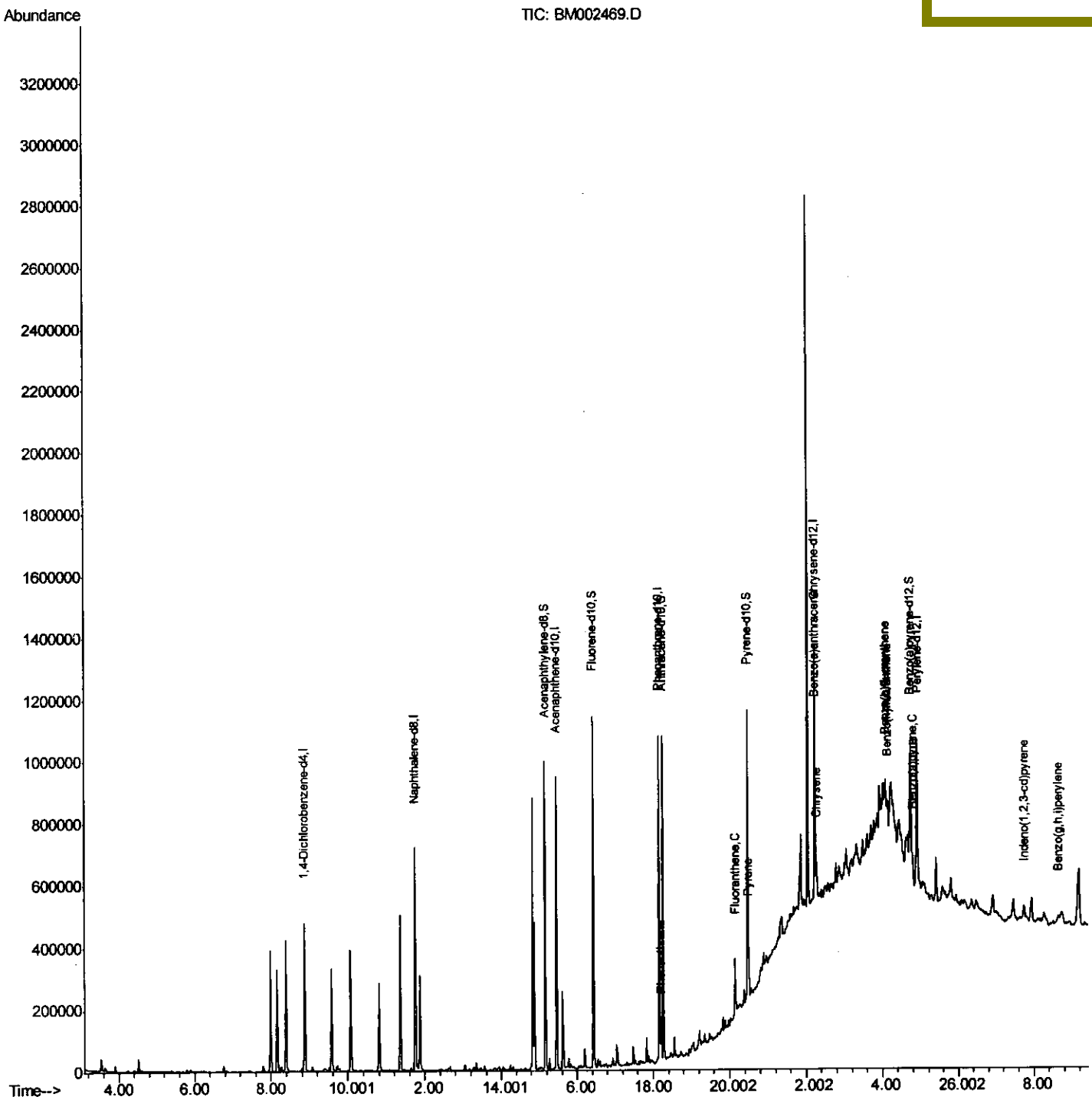
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002469.D
Acq On : 18 Aug 2015 02:04
Operator : UM/IZ
Sample : G3227-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 18 04:08:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9DD8

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:19:08 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002469.D
Acq On : 18 Aug 2015 02:04
Operator : UM/IZ
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Misc :
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Quant Time: Aug 18 03:07:46 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
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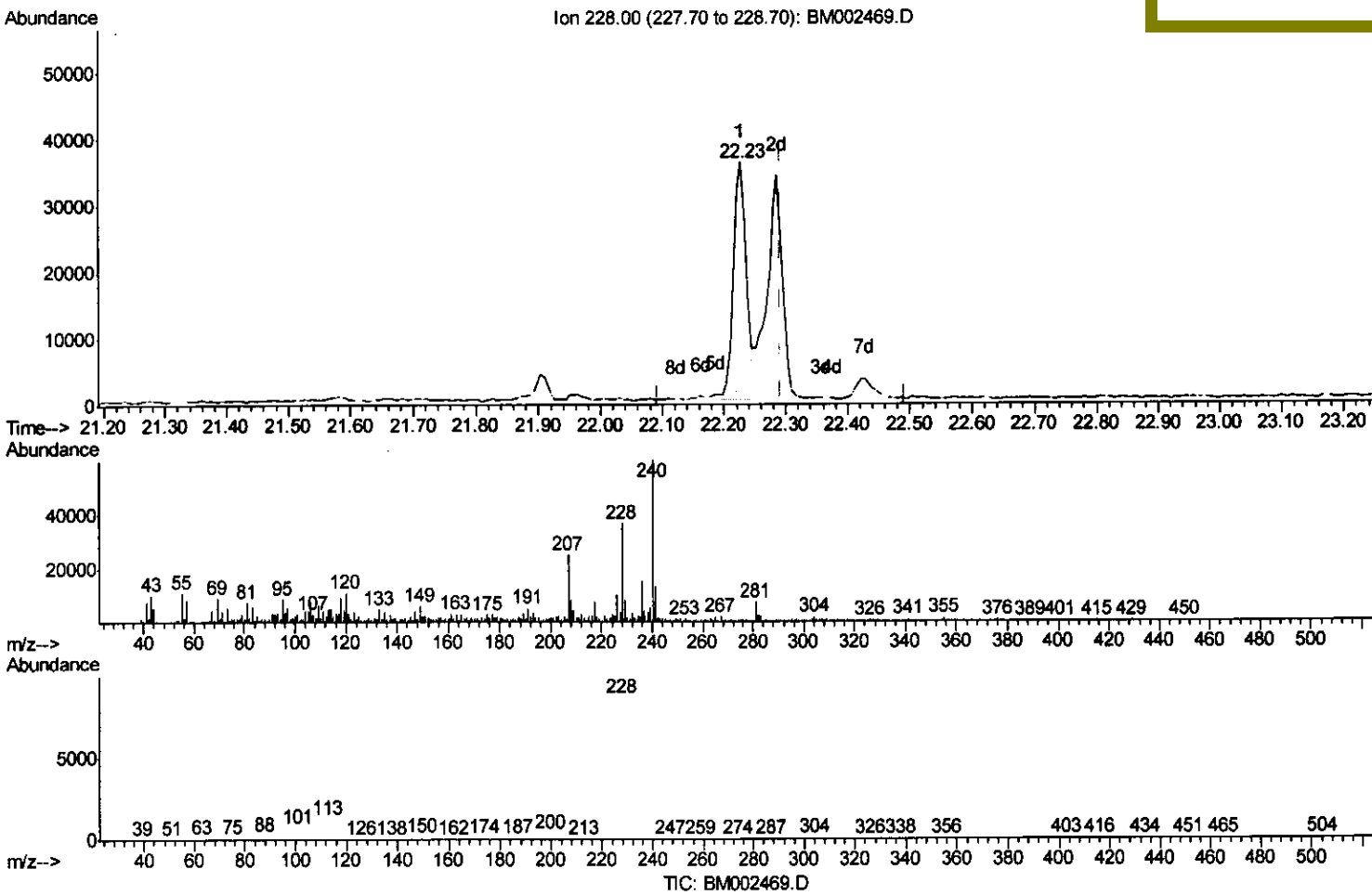

(21) Chrysene

22.227min (-0.065) 2.20ng/ul

response 51865

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	28.65
229.00	19.60	22.84
0.00	0.00	0.00

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Manual Integrations APPROVED
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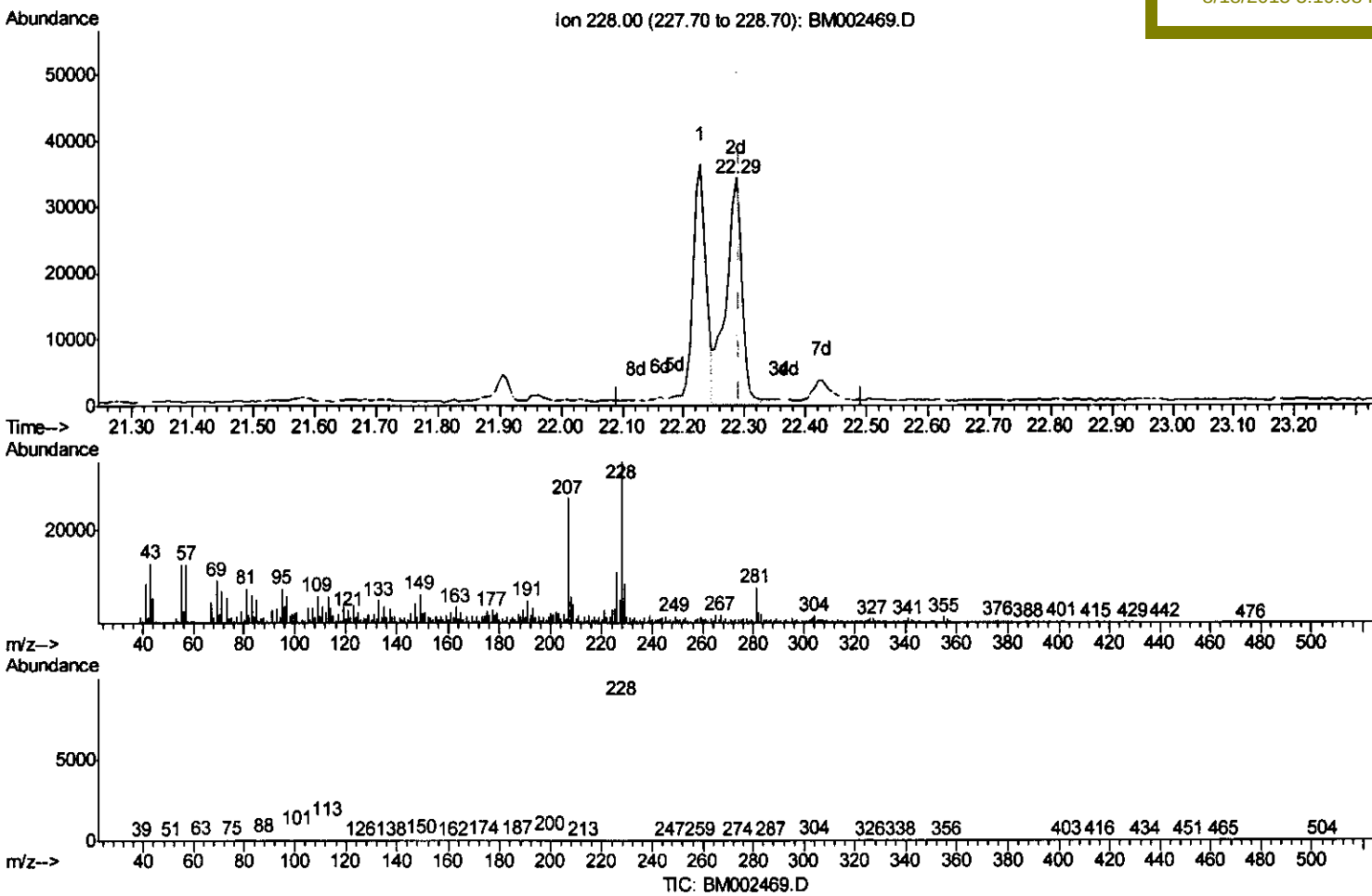
8/18/2015 5:19:08 PM



(21) Chrysene

22.286min (-0.006) 2.64ng/ul m U.M

response 62302

8/19/15

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.99
229.00	19.60	25.58#
0.00	0.00	0.00

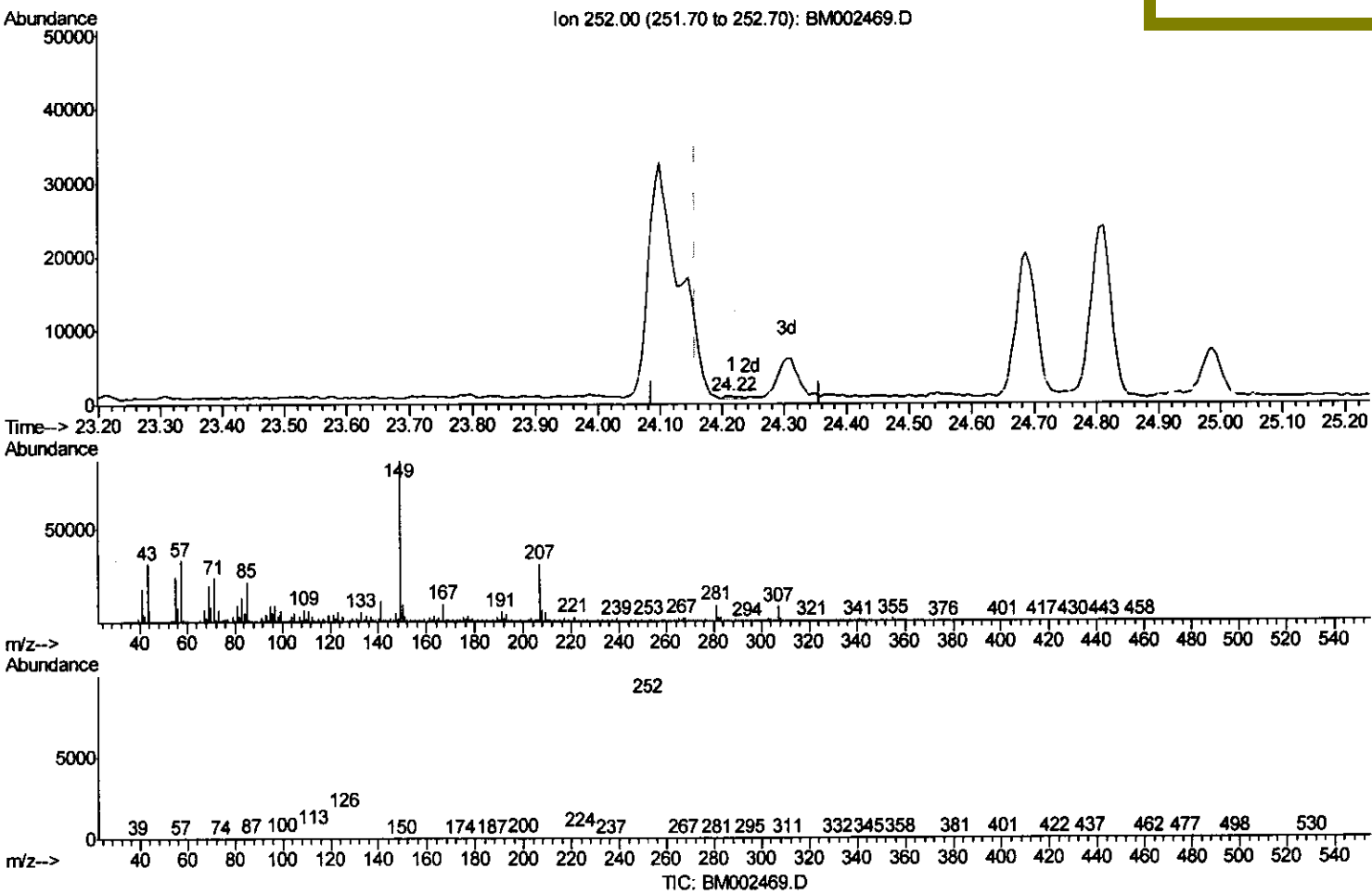
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002469.D
Acq On : 18 Aug 2015 02:04
Operator : UM/IZ
Sample : G3227-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 18 04:06:08 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9DD8

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:19:08 PM



(24) Benzo(k)fluoranthene

24.215min (+0.059) 0.02ng/ul

response 469

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	141.22#
125.00	12.30	284.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

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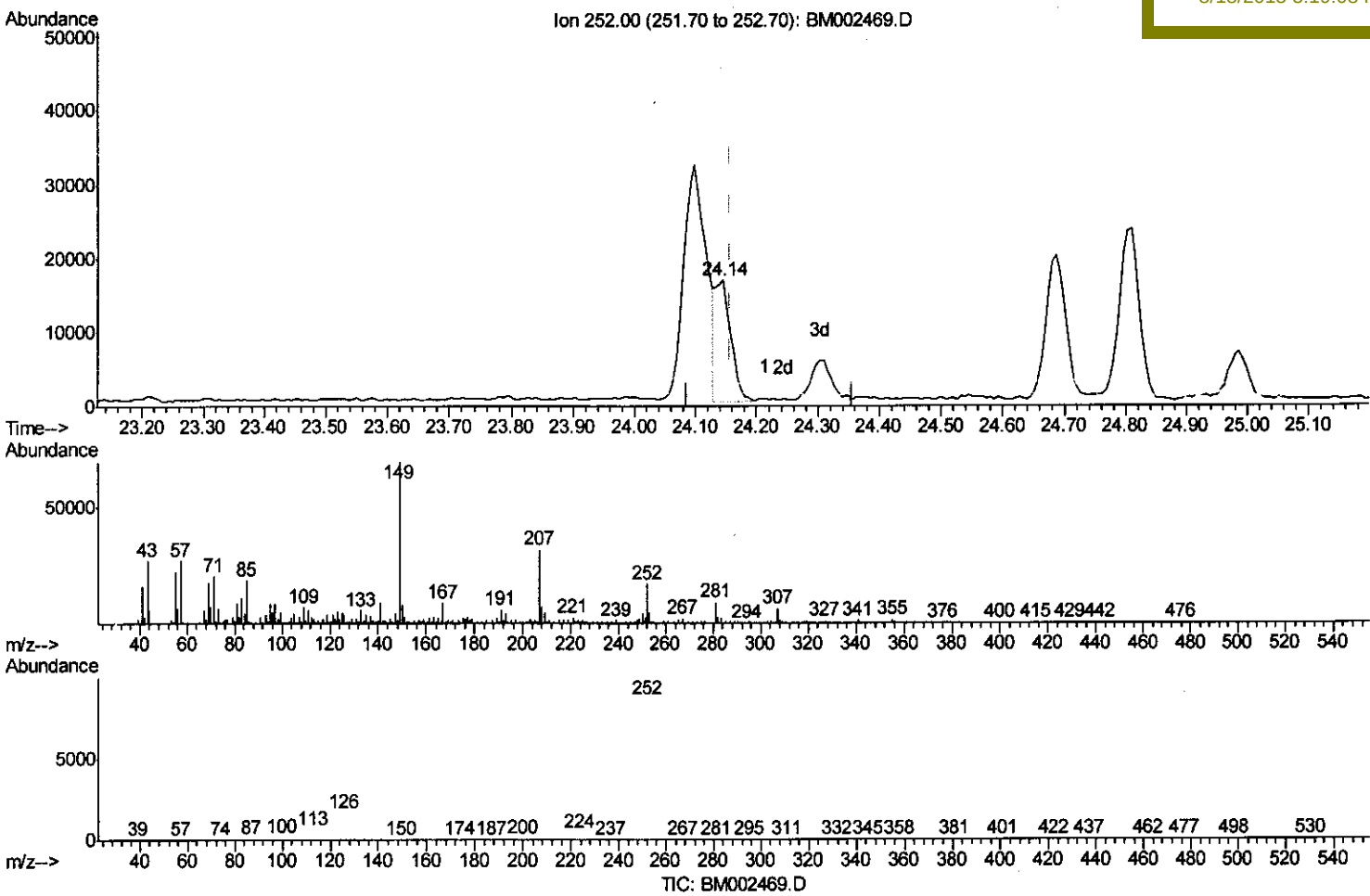
BNA_M
ClientSampleId :
D9DD8

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:19:08 PM



(24) Benzo(k)fluoranthene

24.144min (-0.012) 1.27ng/ul m U.M 8/19/15

response 29593

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	29.69#
125.00	12.30	30.79#
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	8.88	152	146520	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	644720	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	331533	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	634265	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	422246	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	407291	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	748428	22.08	ng/ul	0.00
10) Fluorene-d10	16.43	176	482613	20.27	ng/ul	0.00
14) Anthracene-d10	18.26	188	623330	20.37	ng/ul	0.00
18) Pyrene-d10	20.48	212	475121	25.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.75	264	328339	15.35	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.21	178	46967	1.28	ng/ul	99
16) Fluoranthene	20.15	202	111062	2.68	ng/ul	96
19) Pyrene	20.51	202	92879	3.75	ng/ul	97
20) Benzo(a)anthracene	22.23	228	52234	2.07	ng/ul	95
21) Chrysene	22.29	228	62302m	2.64	ng/ul	
23) Benzo(b)fluoranthene	24.10	252	81029	3.29	ng/ul#	86
24) Benzo(k)fluoranthene	24.14	252	29593m	1.27	ng/ul	
26) Benzo(a)pyrene	24.81	252	51869	2.21	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	27.76	276	40942	1.51	ng/ul#	94
29) Benzo(g,h,i)perylene	28.64	276	36301	1.61	ng/ul#	88

U.M 8/19/15

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