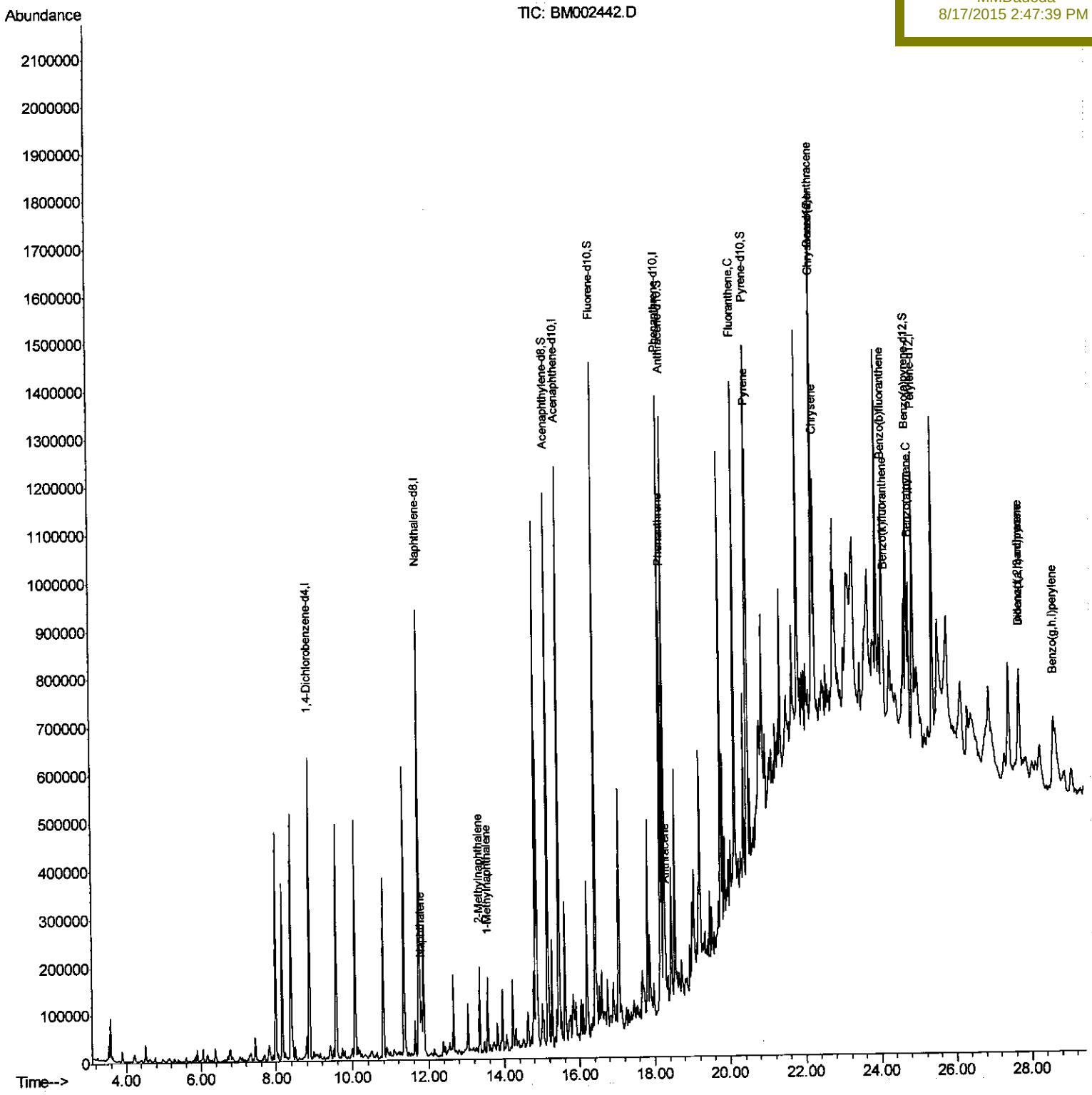
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002442.D
Acq On : 16 Aug 2015 01:42
Operator : UM/IZ
Sample : G3219-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 17 07:22:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D95

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:47:39 PM



Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002442.D
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Misc :
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Quant Time: Aug 17 05:19:51 2015
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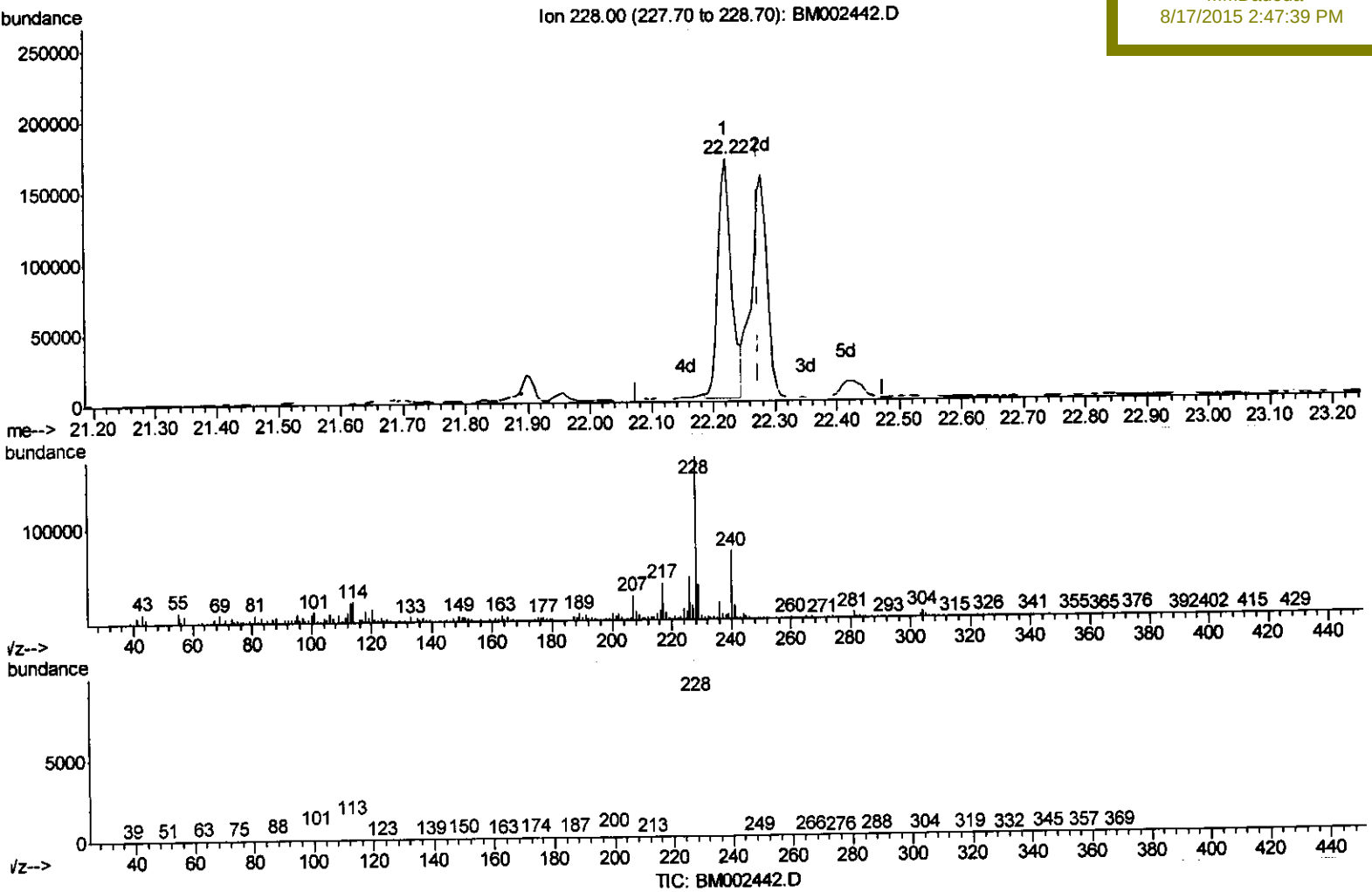

(21) Chrysene

22.221min (-0.053) 9.48ng/ul

response 263146

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	26.74
229.00	19.60	21.97
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
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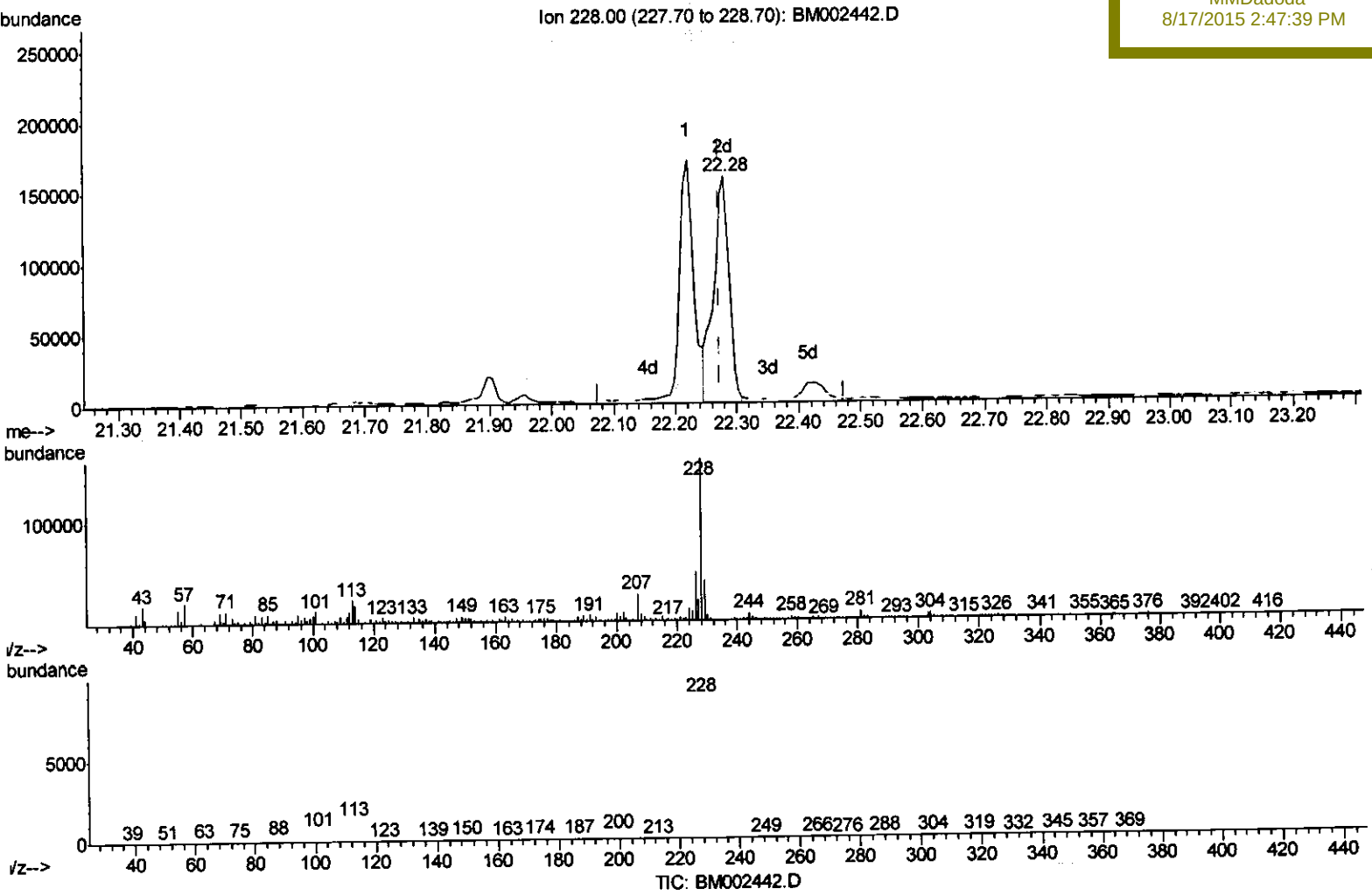
Manual Integrations APPROVED
MMDadoda
8/17/2015 2:47:39 PM



(21) Chrysene

22.280min (+0.006) 10.07ng/ul m

response 279629

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Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.29
229.00	19.60	24.81#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
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Sample : G3219-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
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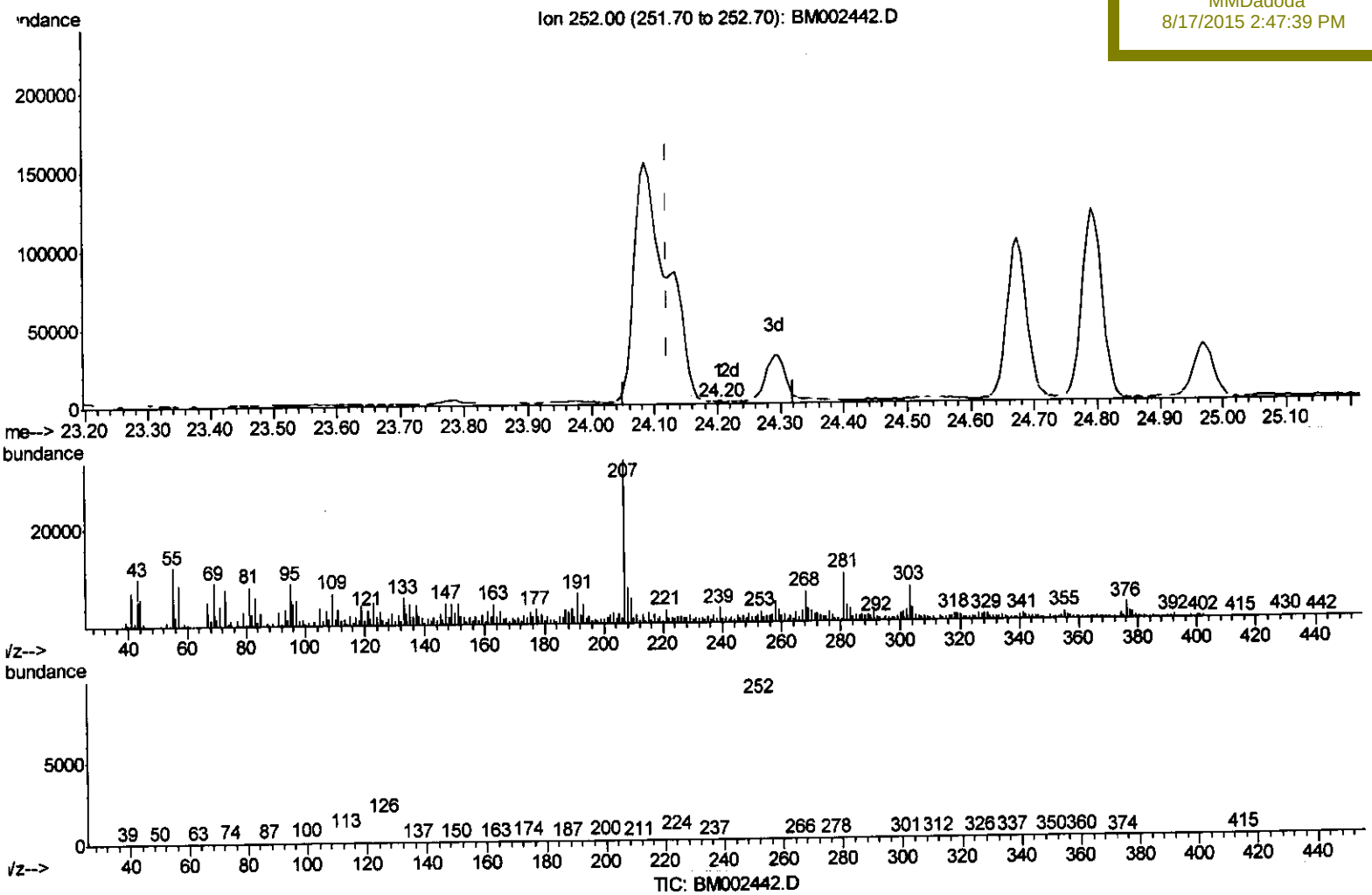
Instrument :
BNA_M
ClientSampleId :
D9D95

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:47:39 PM



(24) Benzo(k)fluoranthene

24.203min (+0.082) 0.01ng/ul

response 200

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	135.93#
125.00	12.30	156.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002442.D
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Sample : G3219-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 17 05:19:51 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
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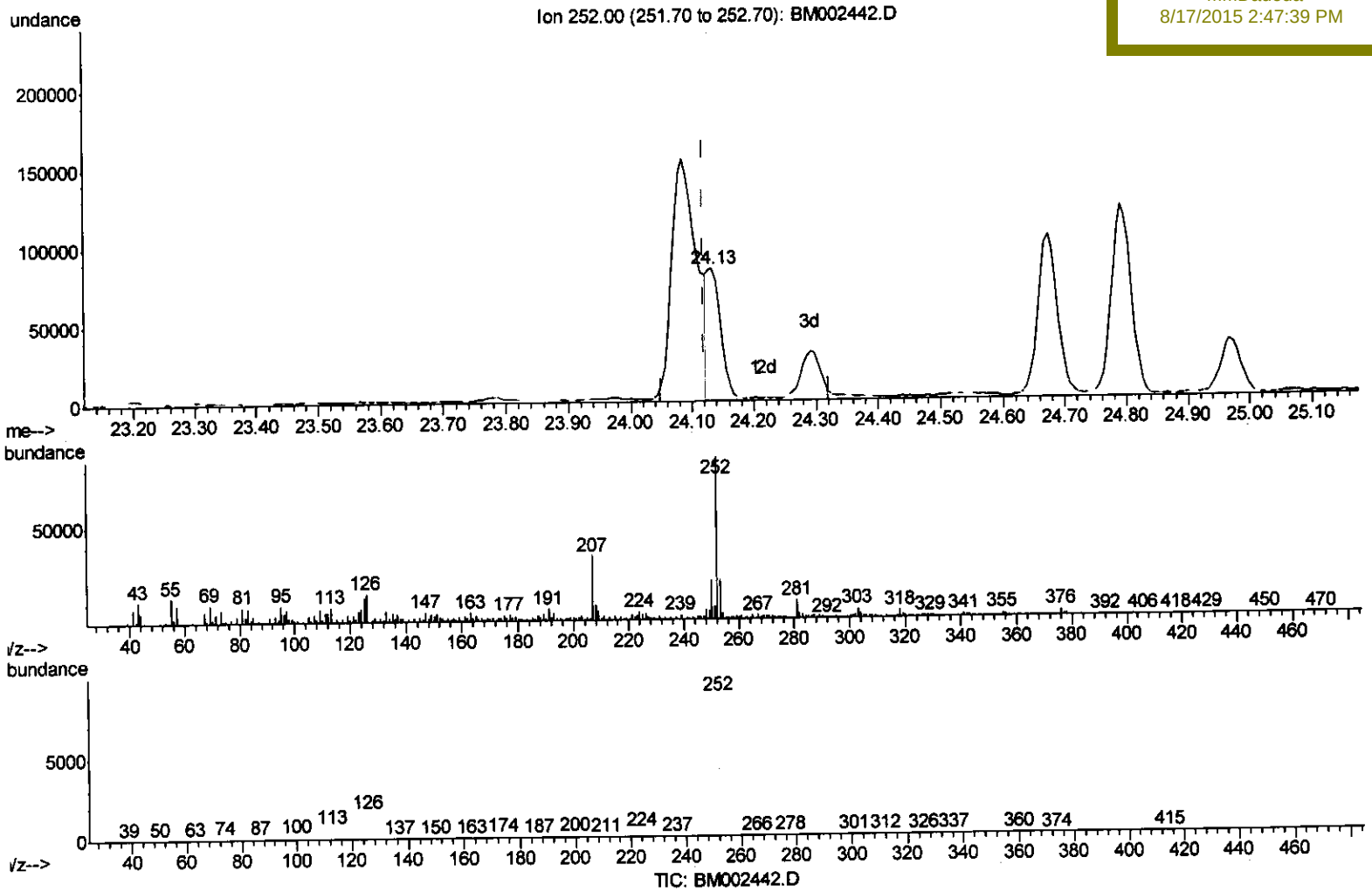
Instrument :
BNA_M
ClientSampleId :
D9D95

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:47:39 PM



(24) Benzo(k)fluoranthene

24.133min (+0.012) 4.53ng/ul m > U.M 08/18/15

response 129143

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	25.01
125.00	12.30	15.68#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
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Instrument : BNA_M
ClientSampleId : D9D95

Manual Integrations APPROVED
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8/17/2015 2:47:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	190444	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	844601	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	418794	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	751975	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	496519	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	497547	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	892450	20.84	ng/ul	0.00
10) Fluorene-d10	16.43	176	572723	19.04	ng/ul	0.00
14) Anthracene-d10	18.26	188	721209	19.88	ng/ul	0.00
18) Pyrene-d10	20.47	212	558072	25.36	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	458281	17.53	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.80	128	101416	2.35	ng/ul	100
4) 2-Methylnaphthalene	13.34	142	90512	2.80	ng/ul	100
5) 1-Methylnaphthalene	13.55	142	74305	2.33	ng/ul	98
13) Phenanthrene	18.20	178	500988	11.54	ng/ul	100
15) Anthracene	18.29	178	87704	1.99	ng/ul	99
16) Fluoranthene	20.14	202	632651	12.87	ng/ul	98
19) Pyrene	20.50	202	487642	16.76	ng/ul	100
20) Benzo(a)anthracene	22.22	228	265698	8.95	ng/ul	98
21) Chrysene	22.28	228	279629m	10.07	ng/ul	
23) Benzo(b)fluoranthene	24.09	252	424707	14.12	ng/ul	96
24) Benzo(k)fluoranthene	24.13	252	129143m	4.53	ng/ul	
26) Benzo(a)pyrene	24.79	252	272782	9.49	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.74	276	227915	6.90	ng/ul	94
28) Dibenzo(a,h)anthracene	27.73	278	60781	2.20	ng/ul#	71
29) Benzo(g,h,i)perylene	28.62	276	204012	7.42	ng/ul	97

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