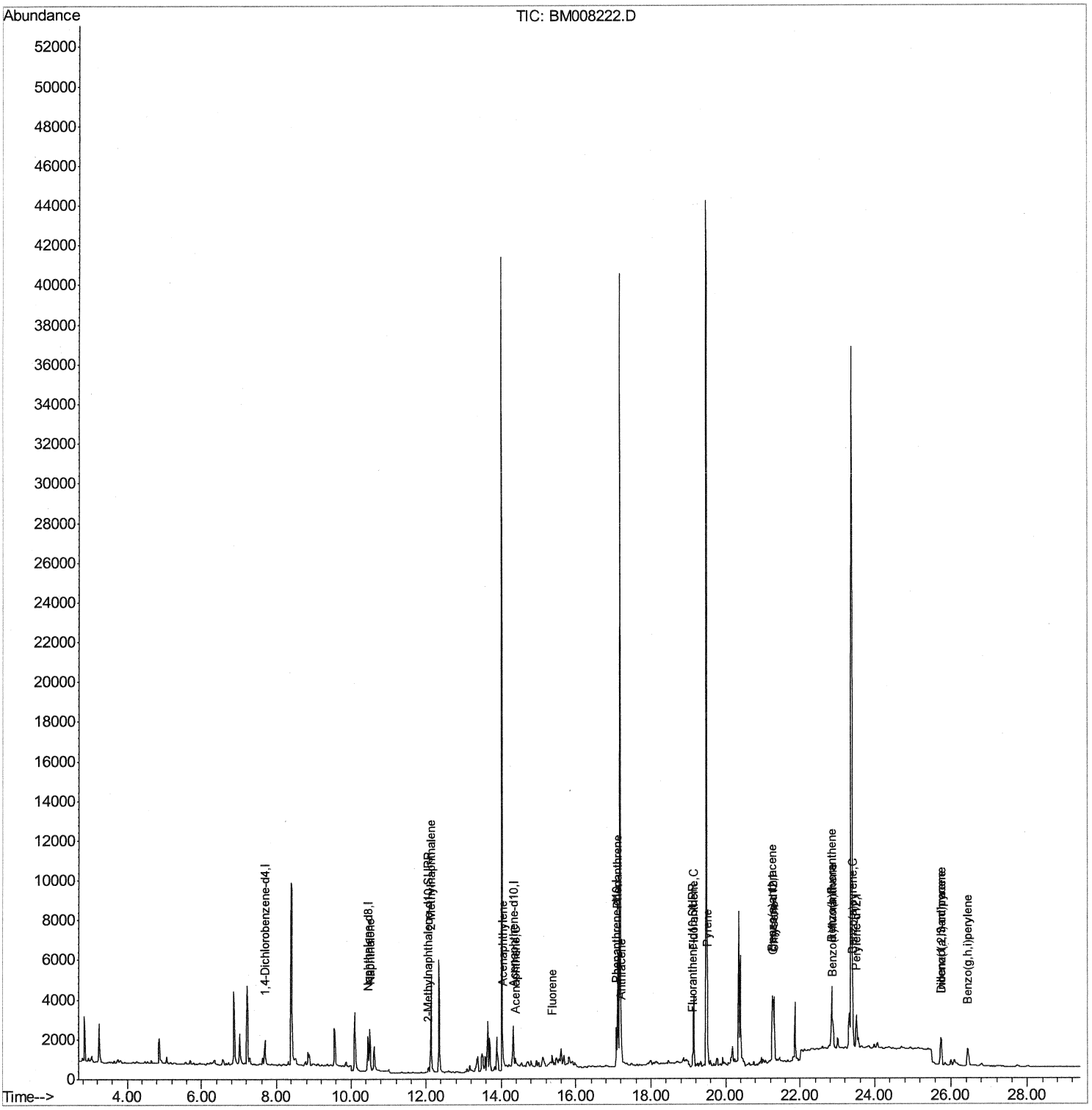
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008222.D
Acq On : 10 Dec 2016 01:17
Operator : UM/SJ
Sample : H5863-05DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 10 05:34:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 04:37:00 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7Y4DL

Manual Integrations APPROVED
UMANGI
12/12/2016 6:49:39 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008222.D
Acq On : 10 Dec 2016 01:17
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Manual Integrations APPROVED
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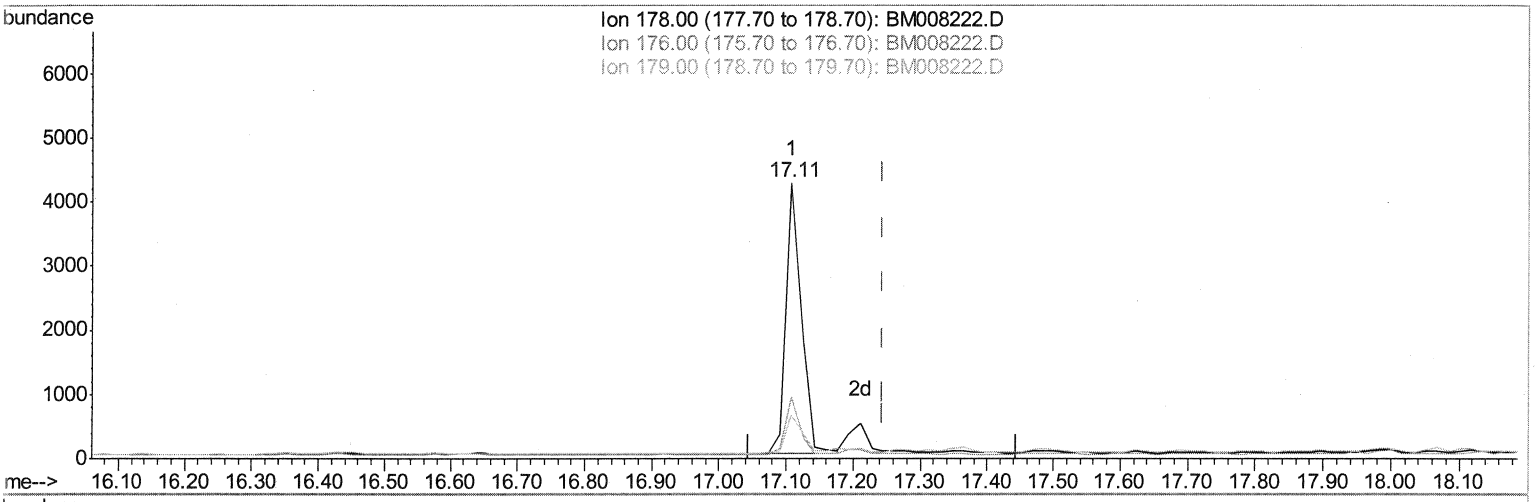

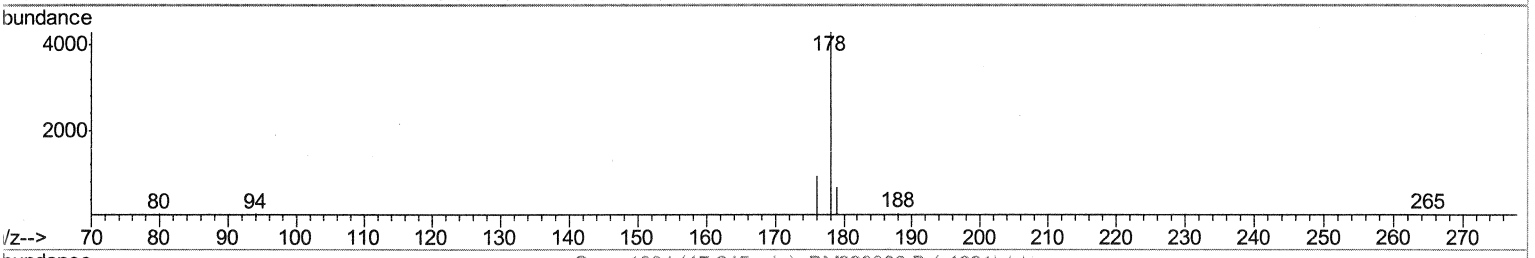

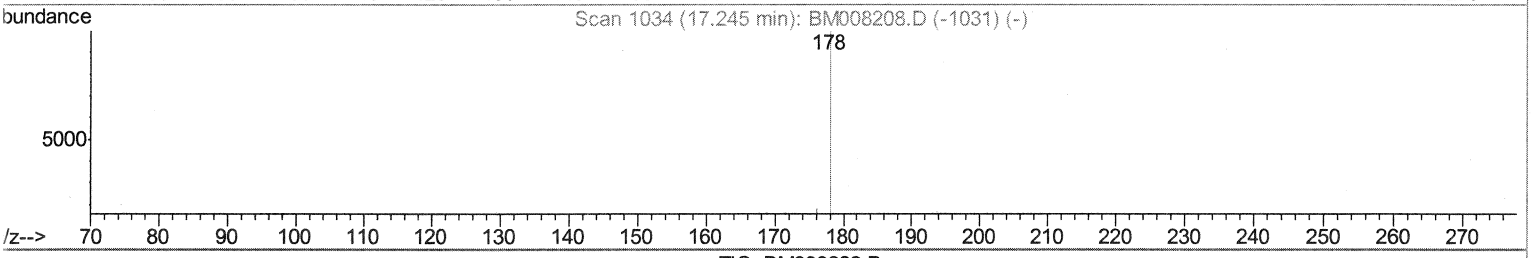

TIC: BM008222.D

(13) Anthracene

17.108min (-0.137) 0.92ng/ul

response 6616

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	22.18
179.00	18.40	15.70
0.00	0.00	0.00

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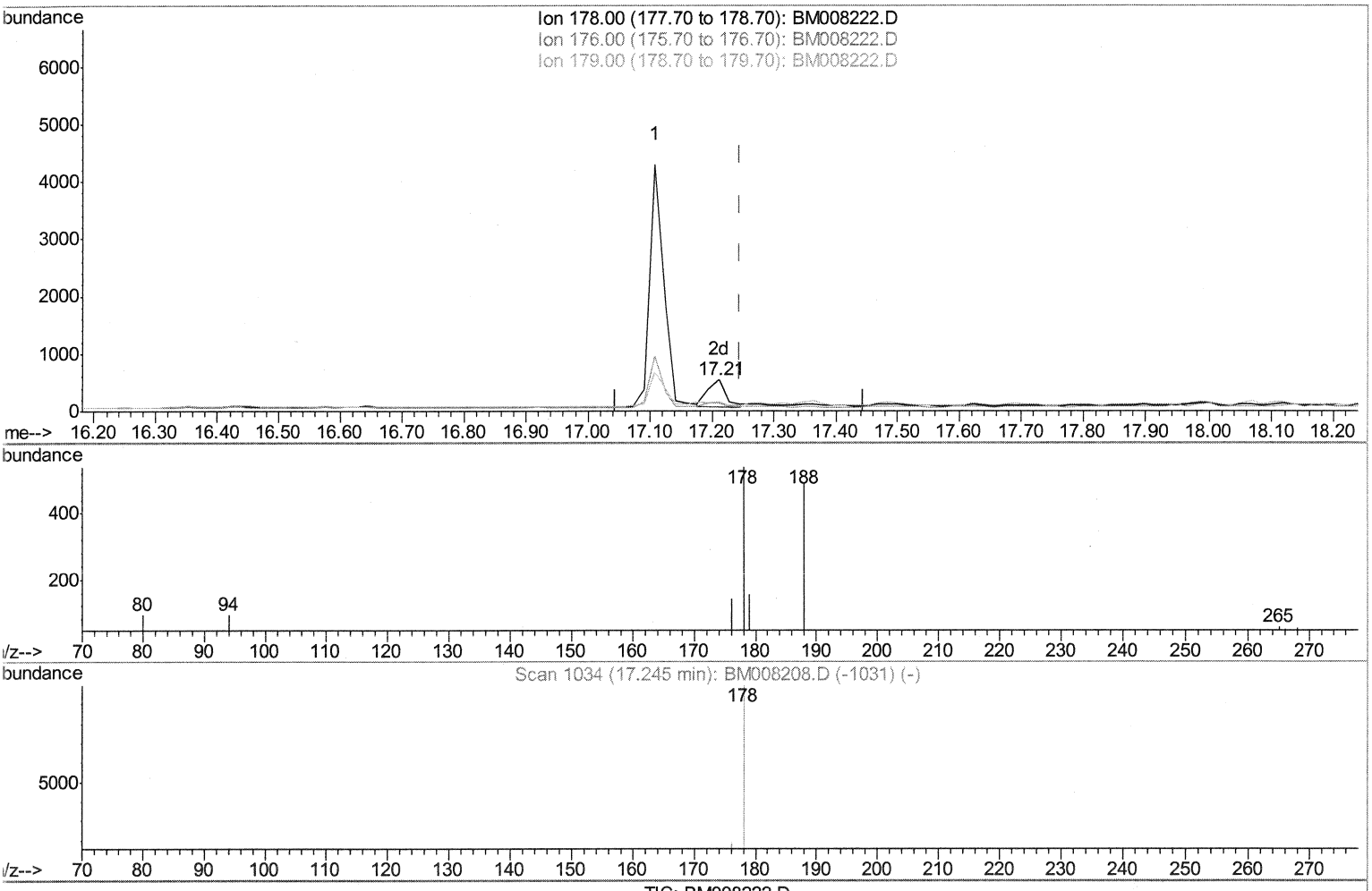
Manual Integrations APPROVED
UMANGI
12/12/2016 6:49:39 PM



TIC: BM008222.D

(13) Anthracene

17.211min (-0.034) 0.13ng/ul m SJ 12/12/16

response 923

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	26.30
179.00	18.40	28.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
Sample : H5863-05DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
UMANGI
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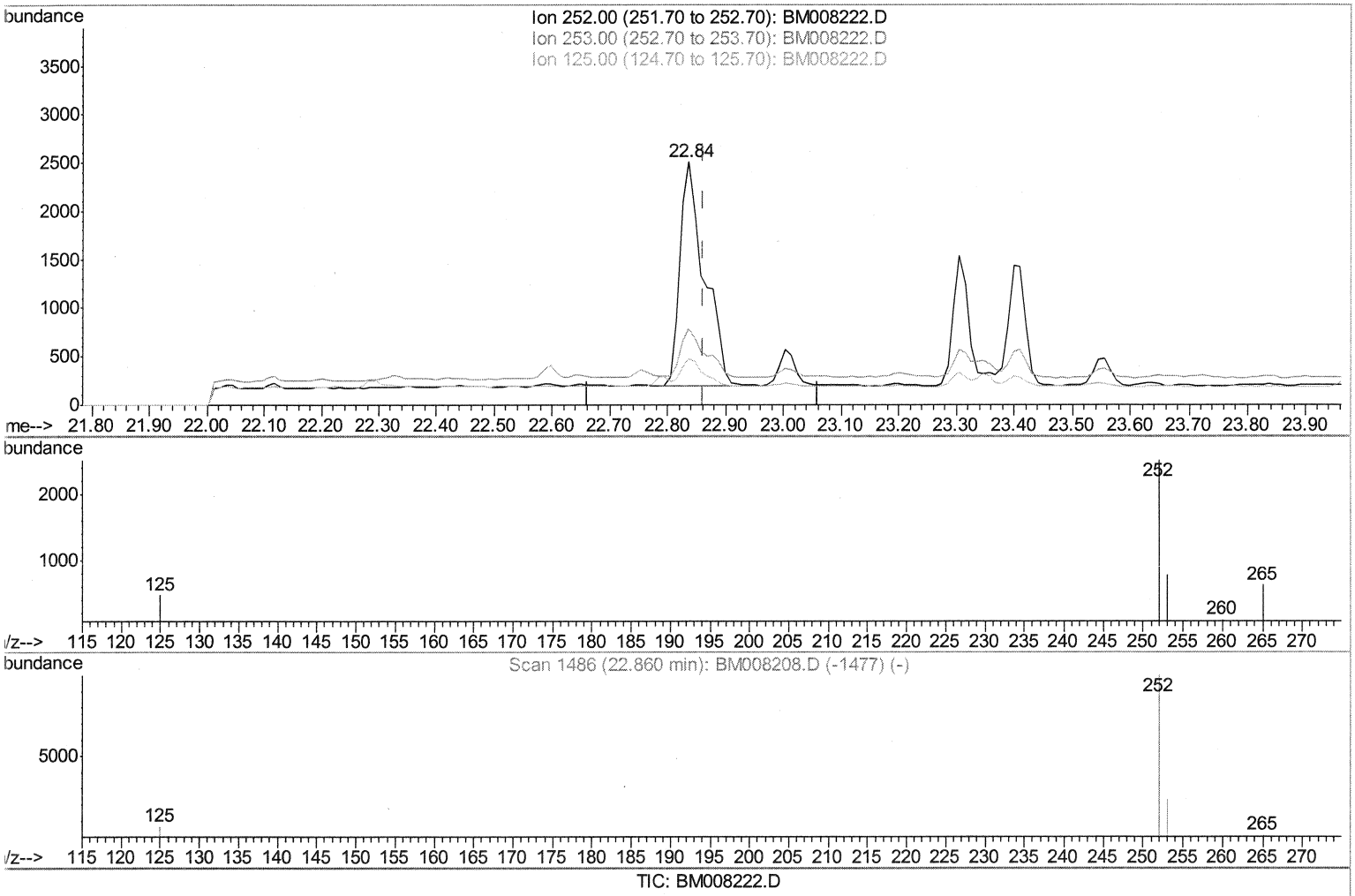

TIC: BM008222.D

(21) Benzo(b)fluoranthene

22.836min (-0.024) 0.79ng/ul

response 6676

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.49
125.00	17.50	19.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
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ALS Vial : 18 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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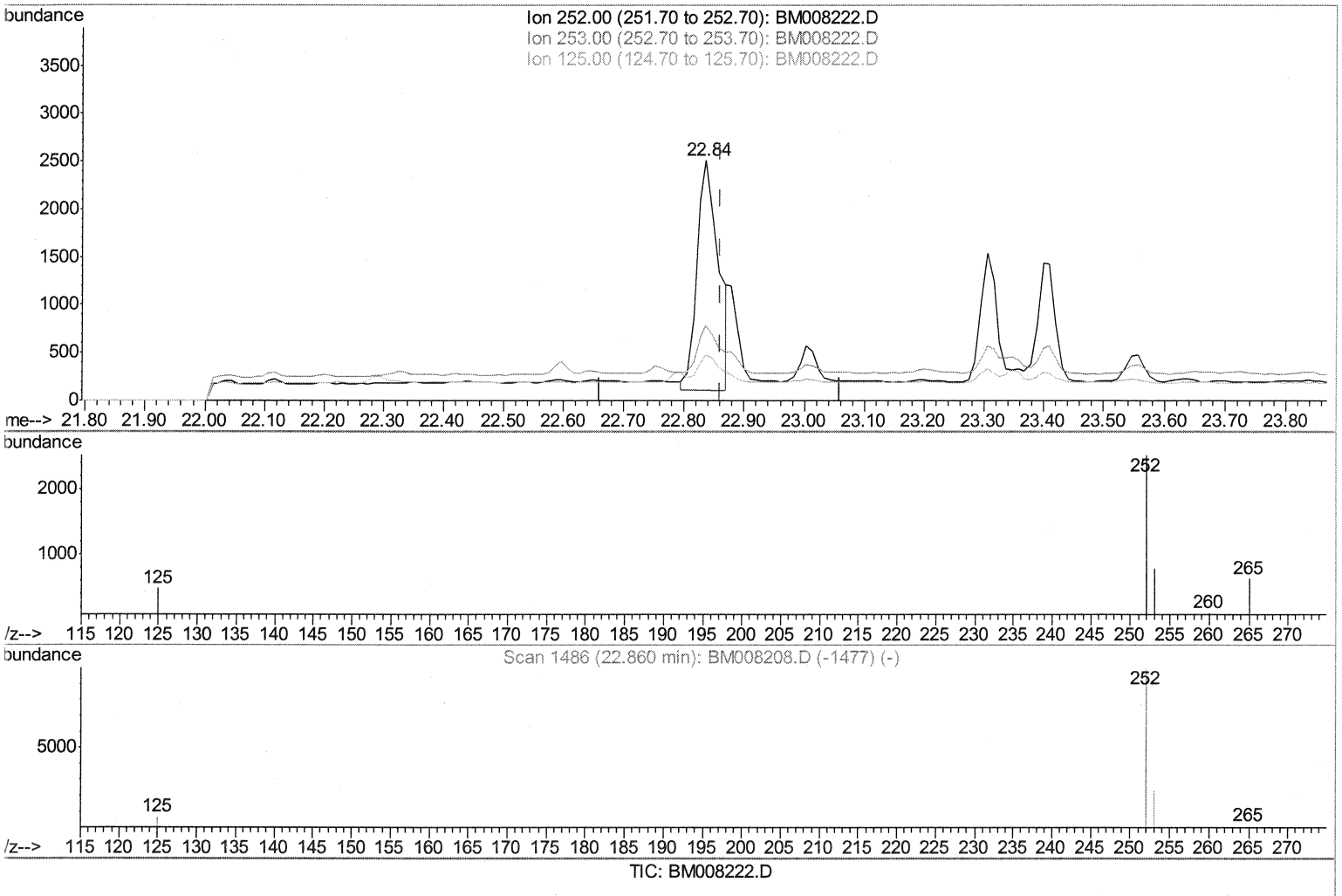

TIC: BM008222.D

(21) Benzo(b)fluoranthene

22.836min (-0.024) 0.70ng/ul m SJ 12/12/16

response 5935

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.49
125.00	17.50	19.19
0.00	0.00	0.00

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Data File : BM008222.D
Acq On : 10 Dec 2016 01:17
Operator : UM/SJ
Sample : H5863-05DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 10 04:42:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
DA7Y4DL

Manual Integrations APPROVED
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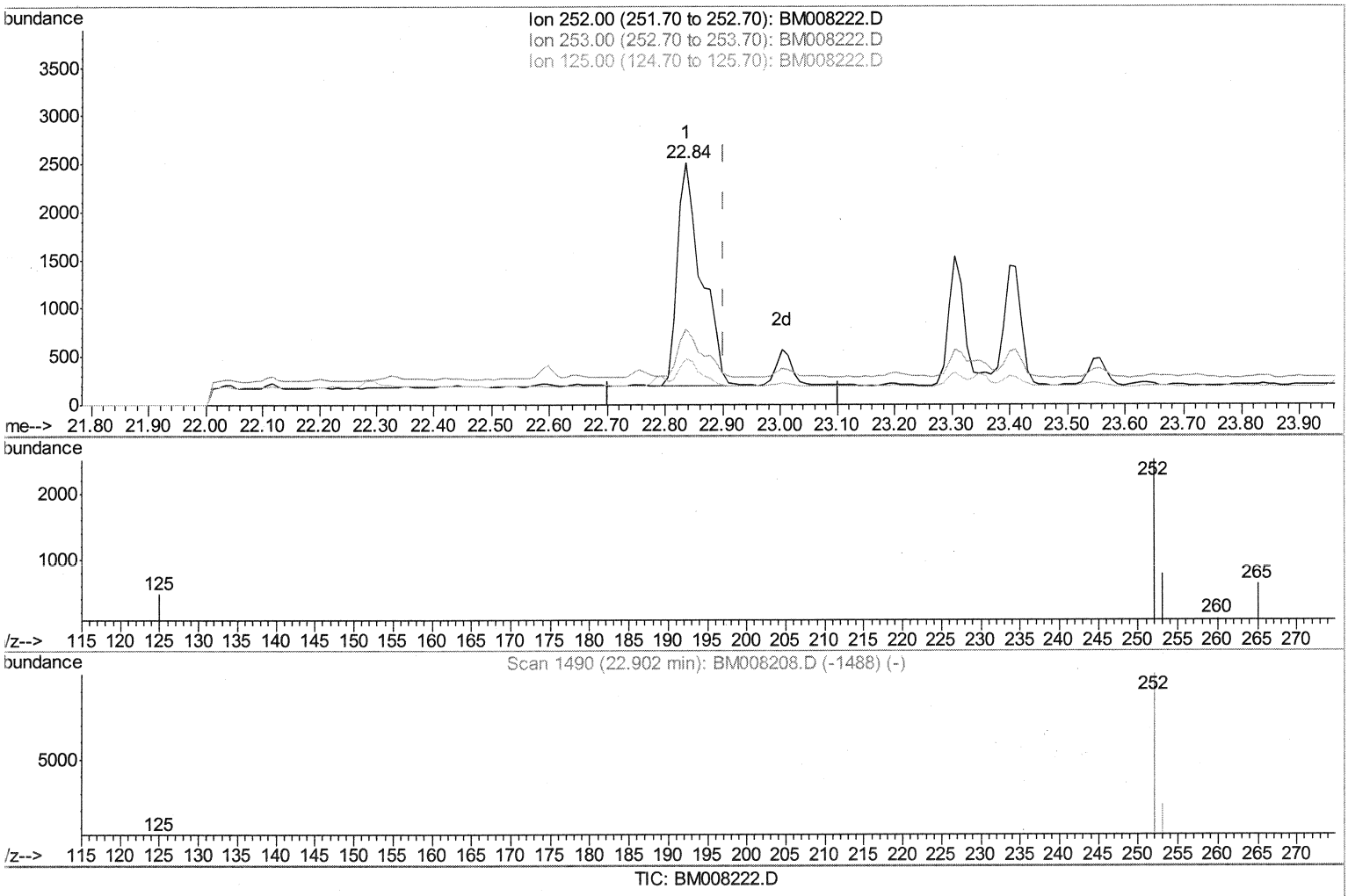

TIC: BM008222.D

(22) Benzo(k)fluoranthene

22.836min (-0.066) 0.77ng/ul

response 6676

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	31.49
125.00	17.10	19.19
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008222.D
Acq On : 10 Dec 2016 01:17
Operator : UM/SJ
Sample : H5863-05DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 10 04:42:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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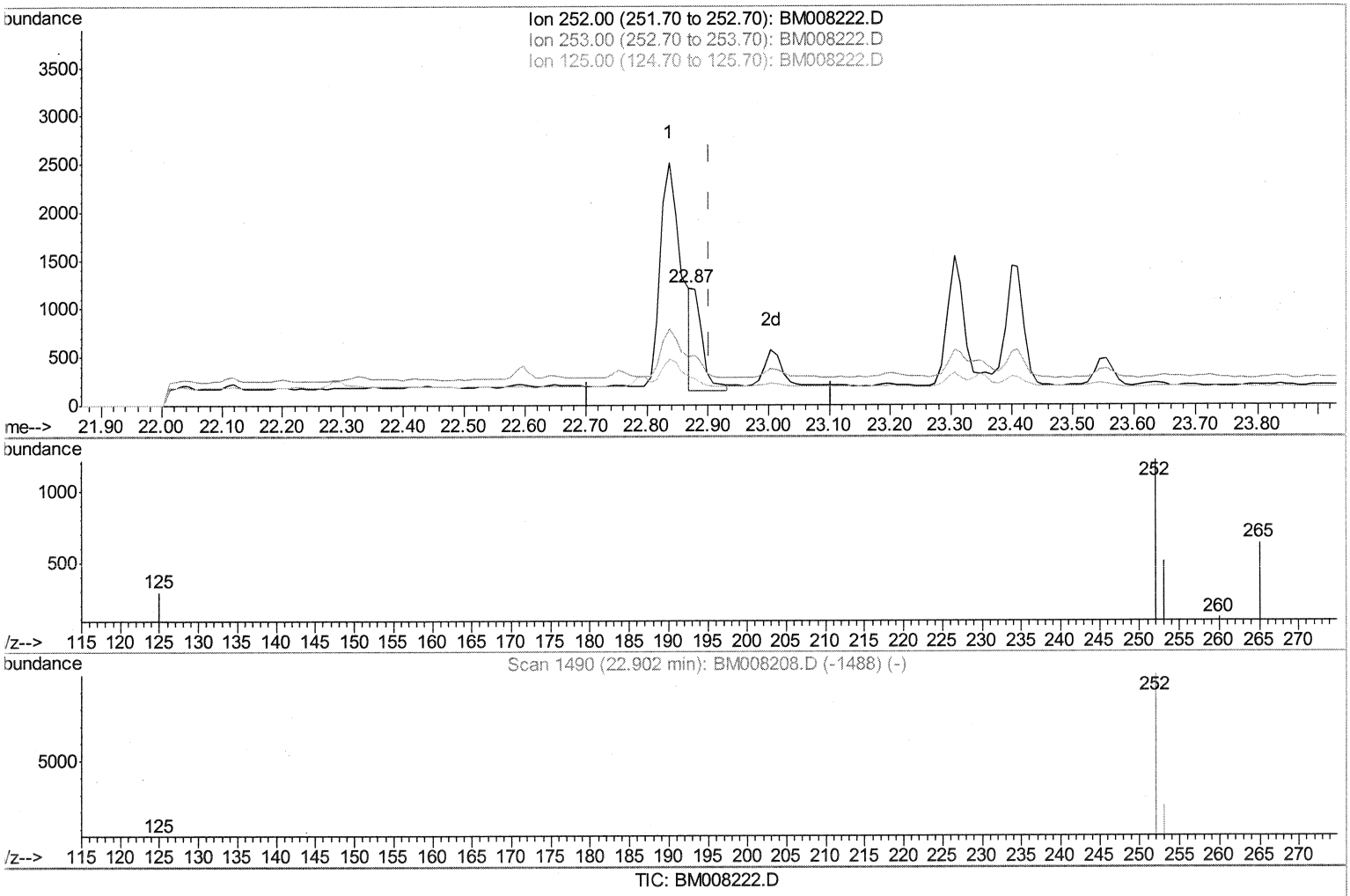
Instrument :
BNA_M
ClientSampleId :
DA7Y4DL

Manual Integrations APPROVED
UMANGI
12/12/2016 6:49:39 PM



(22) Benzo(k)fluoranthene

22.868min (-0.035) 0.15ng/ul m SJ 12/12/16

response 1269

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	41.28#
125.00	17.10	24.01#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
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DA7Y4DL

Manual Integrations APPROVED
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12/12/2016 6:49:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	792	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2518	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1455	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	2466	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2195	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2119	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	400	0.11	ng/ul	-0.04
14) Fluoranthene-d10	19.11	212	1013	0.15	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.51	128	3053	0.43	ng/ul	99
5) 2-Methylnaphthalene	12.13	142	3918	0.86	ng/ul	99
7) Acenaphthylene	14.04	152	687	0.10	ng/ul#	69
8) Acenaphthene	14.38	153	200	0.04	ng/ul#	82
9) Fluorene	15.38	166	143	0.02	ng/ul#	43
12) Phenanthrene	17.11	178	6758	0.88	ng/ul	98
13) Anthracene	17.21	178	923m	0.13	ng/ul	
15) Fluoranthene	19.14	202	3829	0.39	ng/ul	95
17) Pyrene	19.51	202	3643	0.48	ng/ul	95
18) Benzo(a)anthracene	21.25	228	2963	0.44	ng/ul#	85
19) Chrysene	21.30	228	3437	0.41	ng/ul#	88
21) Benzo(b)fluoranthene	22.84	252	5935m	0.70	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1269m	0.15	ng/ul	
23) Benzo(a)pyrene	23.40	252	2524	0.32	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.74	276	2282	0.23	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.74	278	725	0.09	ng/ul#	31
26) Benzo(g,h,i)perylene	26.43	276	2008	0.23	ng/ul#	92

SJ 12/12/16

SJ 12/12/16

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