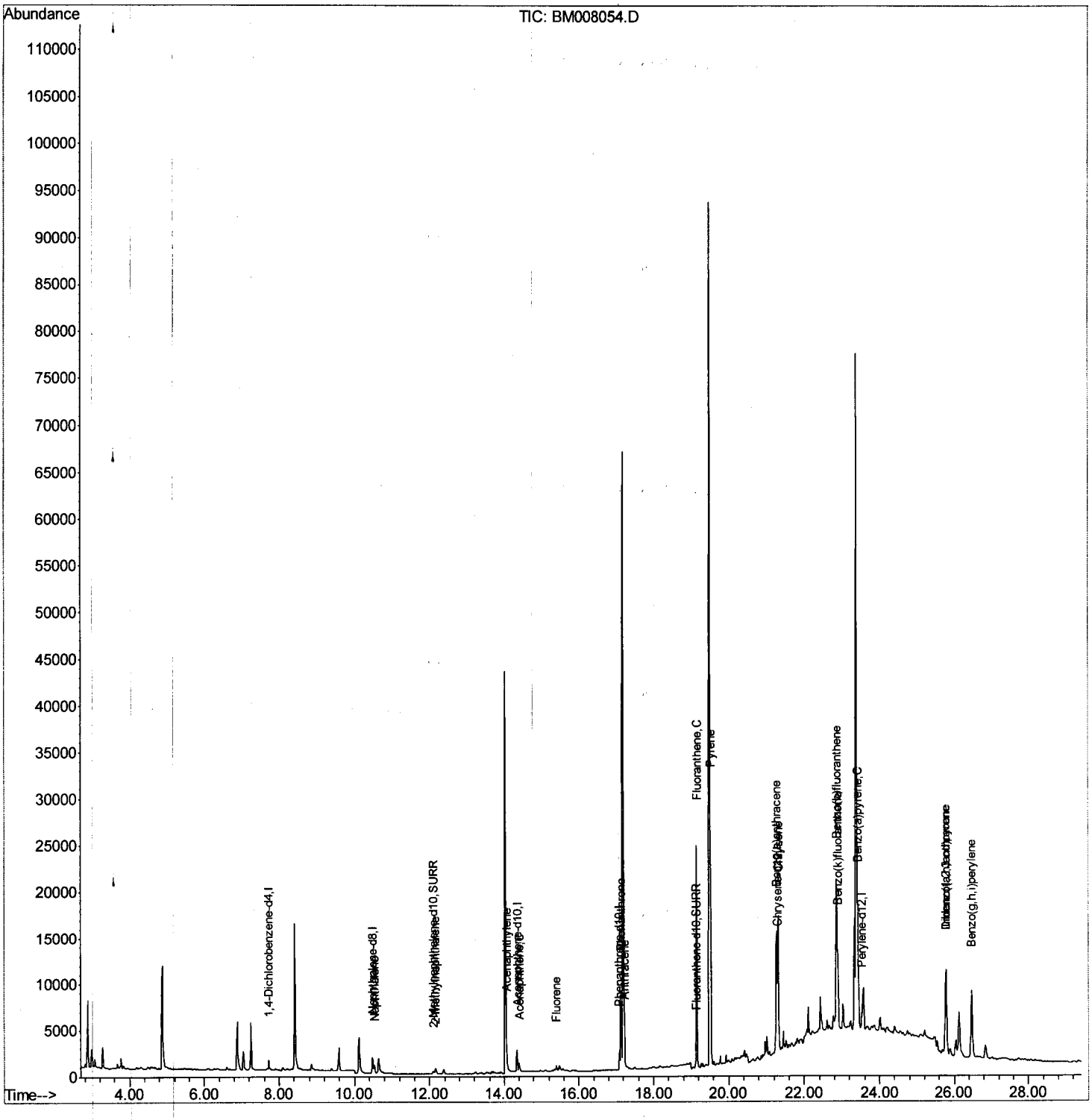
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
Data File : BM008054.D
Acq On : 24 Nov 2016 03:12
Operator : UM/SJ
Sample : H5694-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 04:40:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 04:11:15 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:27 PM



Quantitation Report (Qedit)

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Manual Integrations APPROVED
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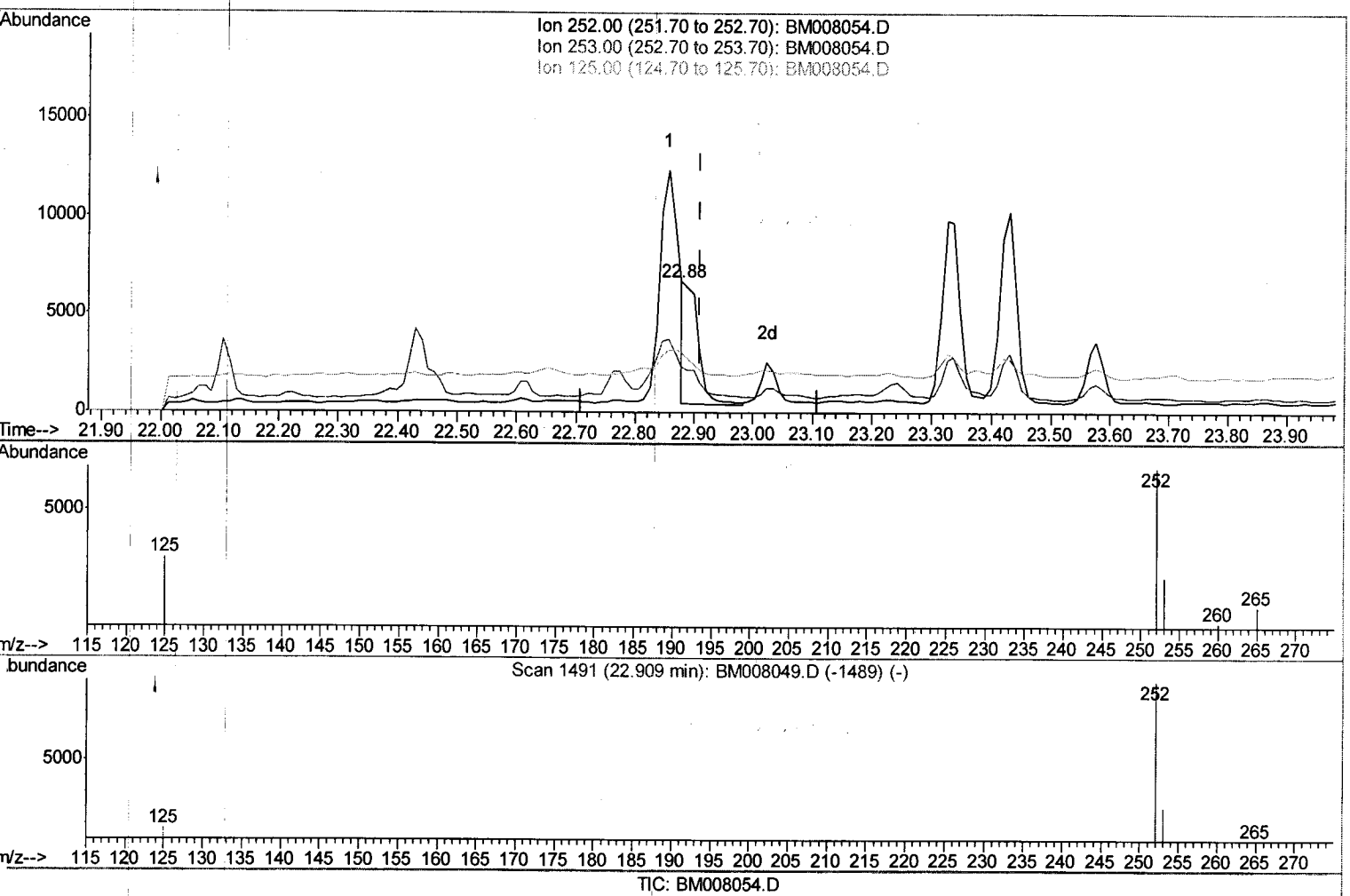

TIC: BM008054.D

(22) Benzo(k)fluoranthene

22.878min (-0.031) 0.82ng/ul m

response 9956

S.J. 11/29/16

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.34
125.00	17.10	45.66#
0.00	0.00	0.00

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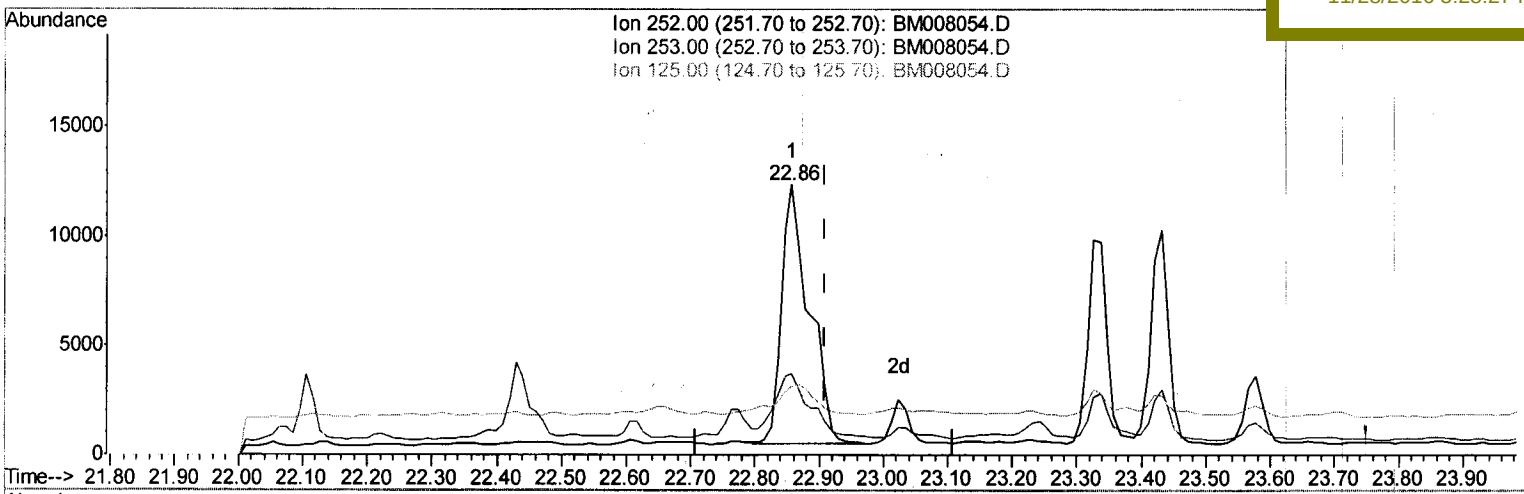
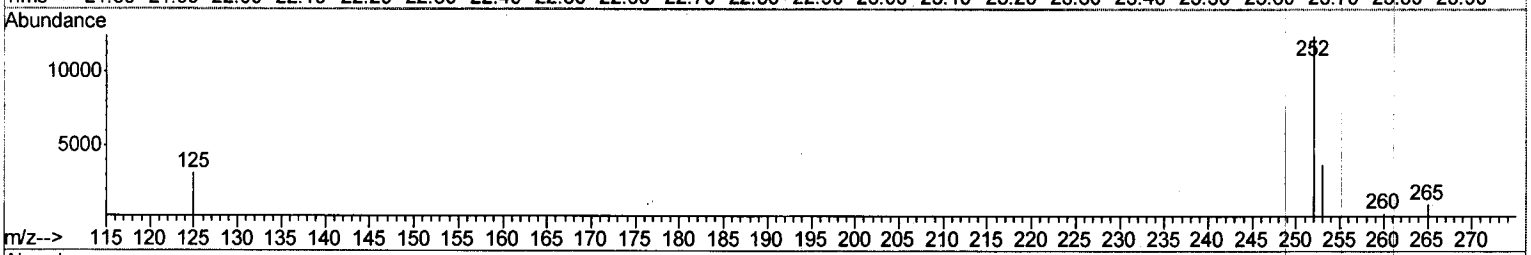
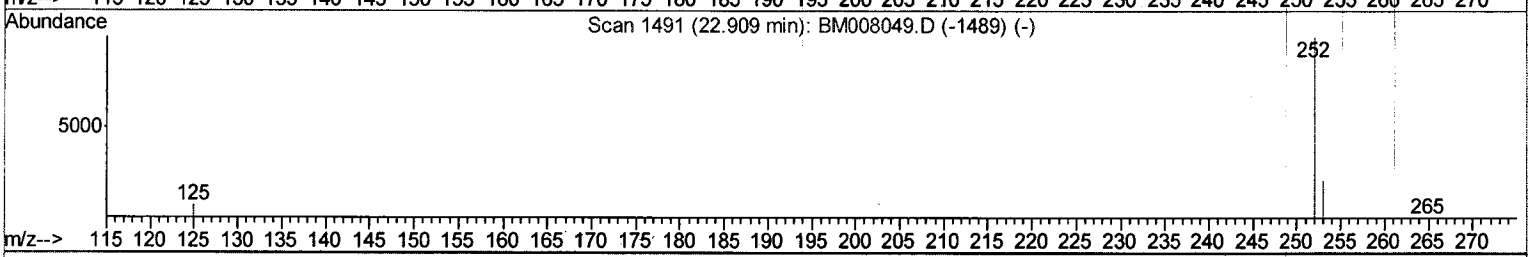
JHSS0

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:27 PM







TIC: BM008054.D

(22) Benzo(k)fluoranthene

22.857min (-0.052) 2.89ng/ul

response 35149

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.23
125.00	17.10	25.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

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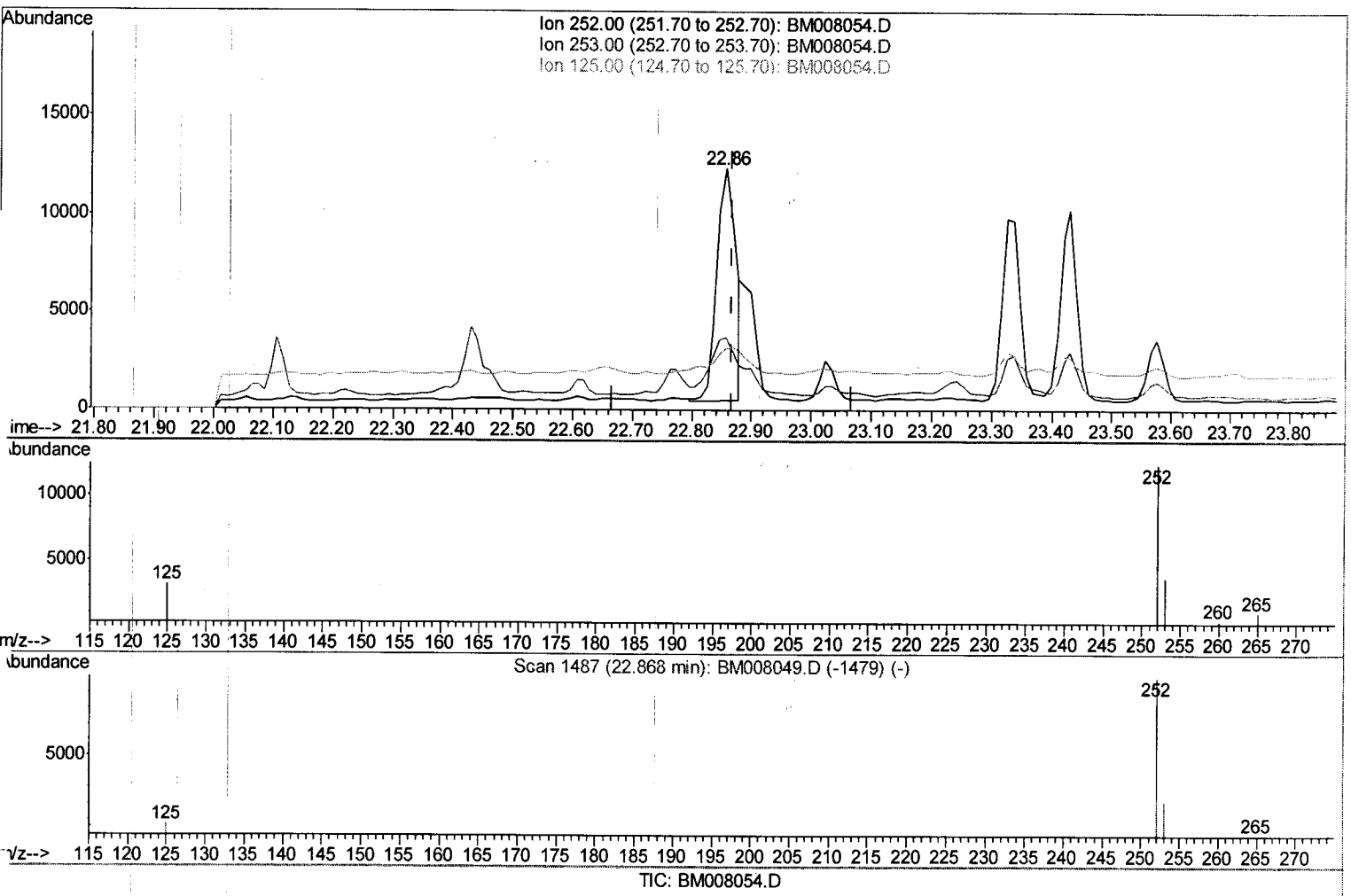
Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:27 PM



(21) Benzo(b)fluoranthene

22.857min (-0.010) 2.21ng/ul m

response 26030

S.J. 11/29/16

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	30.23
125.00	17.50	25.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM008054.D
Acq On : 24 Nov 2016 03:12
Operator : UM/SJ
Sample : H5694-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 04:38:50 2016
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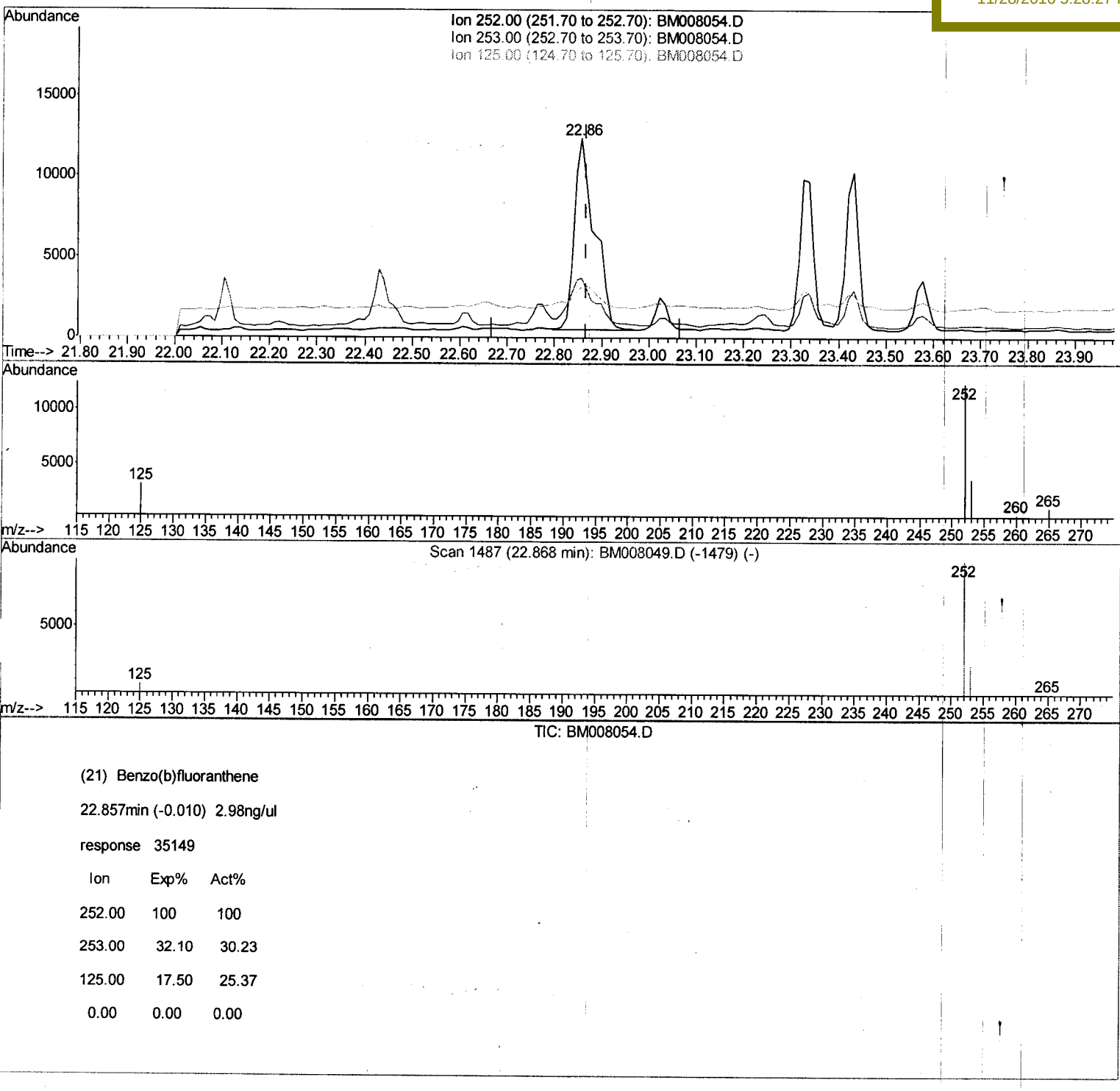
QLast Update : Thu Nov 24 04:11:15 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:27 PM



(21) Benzo(b)fluoranthene

22.857min (-0.010) 2.98ng/ul

response 35149

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	30.23
125.00	17.50	25.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
Data File : BM008054.D
Acq On : 24 Nov 2016 03:12
Operator : UM/SJ
Sample : H5694-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 04:38:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
Umangi
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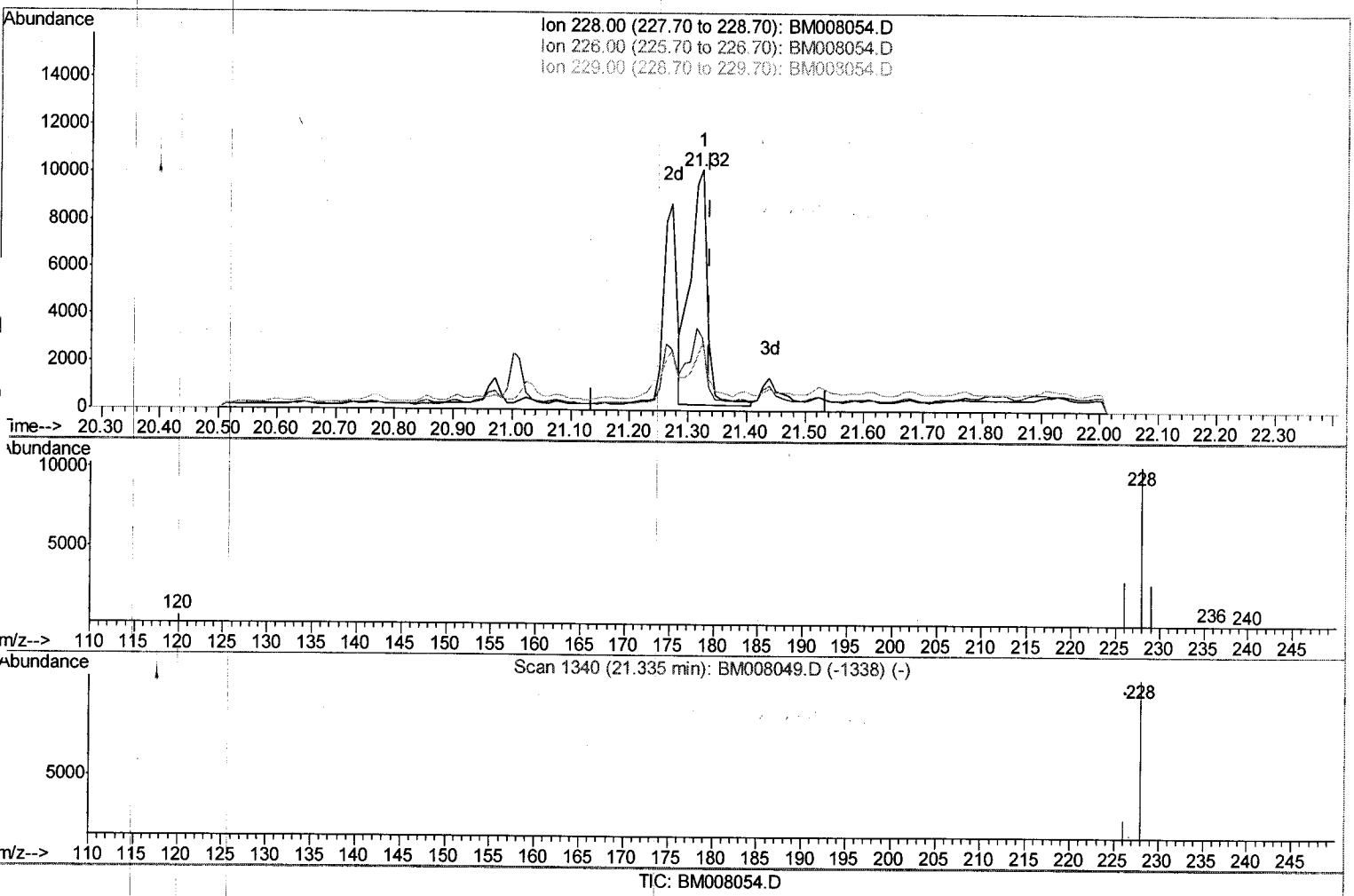

TIC: BM008054.D

(19) Chrysene

21.325min (-0.010) 1.79ng/ul m

response 20288

S.J. 11/29/16

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	30.12
229.00	22.10	27.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
Data File : BM008054.D
Acq On : 24 Nov 2016 03:12
Operator : UM/SJ
Sample : H5694-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 04:38:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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QLast Update : Thu Nov 24 04:11:15 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
Umangi
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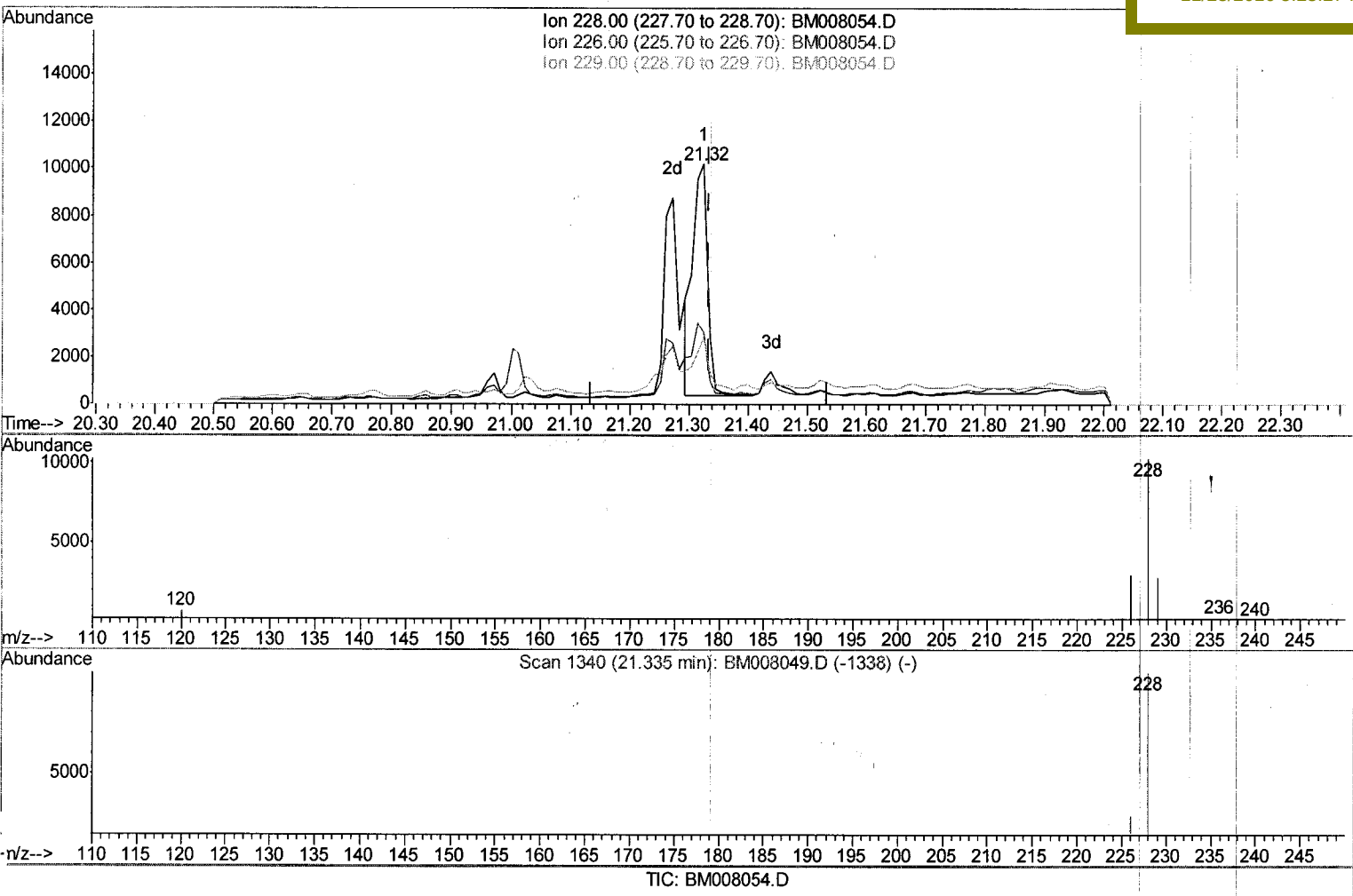

TIC: BM008054.D

(19) Chrysene

21.325min (-0.010) 1.50ng/ul

response 16988

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	30.12
229.00	22.10	27.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
Data File : BM008054.D
Acq On : 24 Nov 2016 03:12
Operator : UM/SJ
Sample : H5694-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 04:38:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
Umangi
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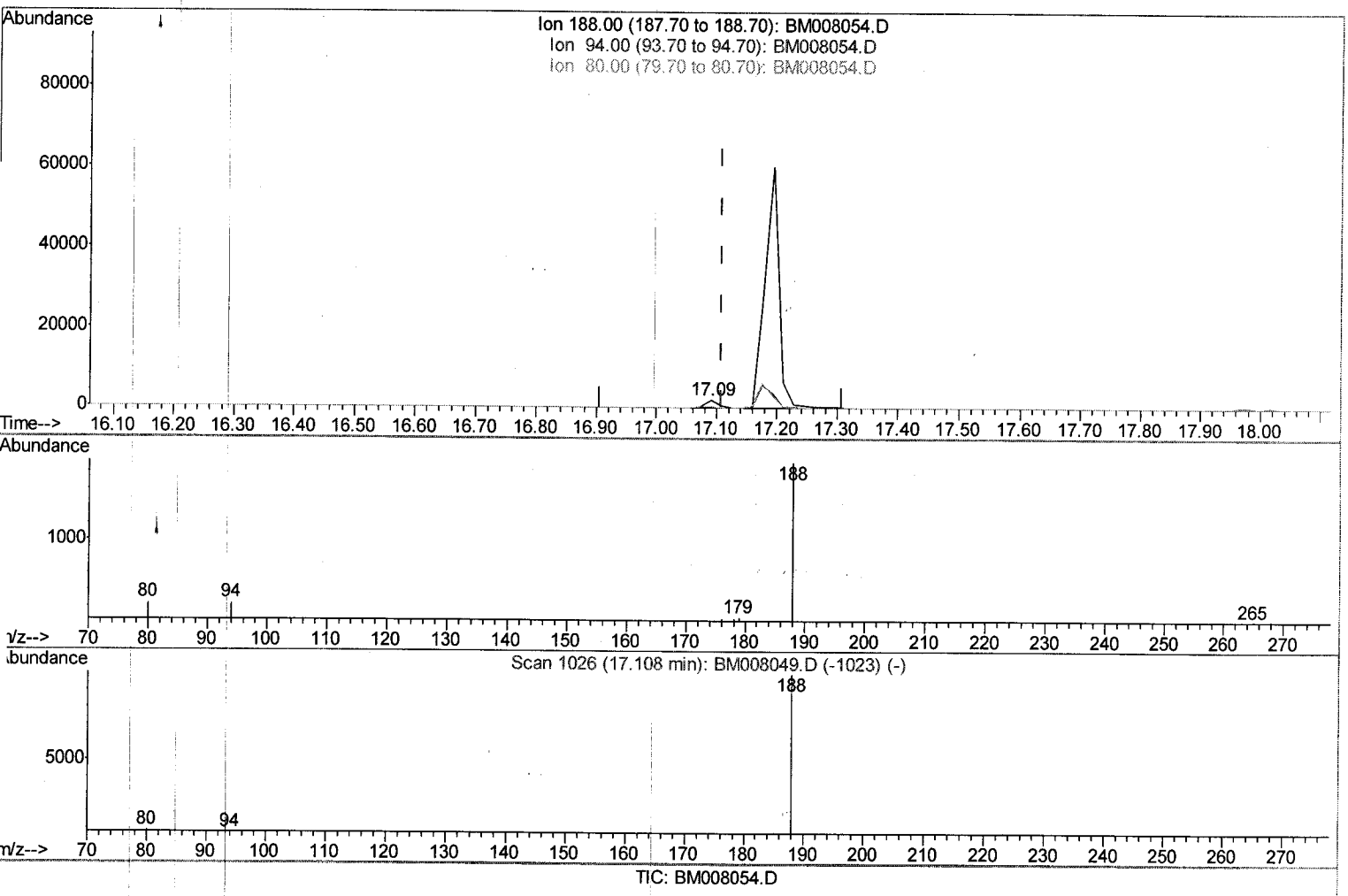

(10) Phenanthrene-d10 (I)

17.090min (-0.017) 0.40ng/ul m

response 2977

S.J. 11/29/16

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.47
80.00	11.80	12.62
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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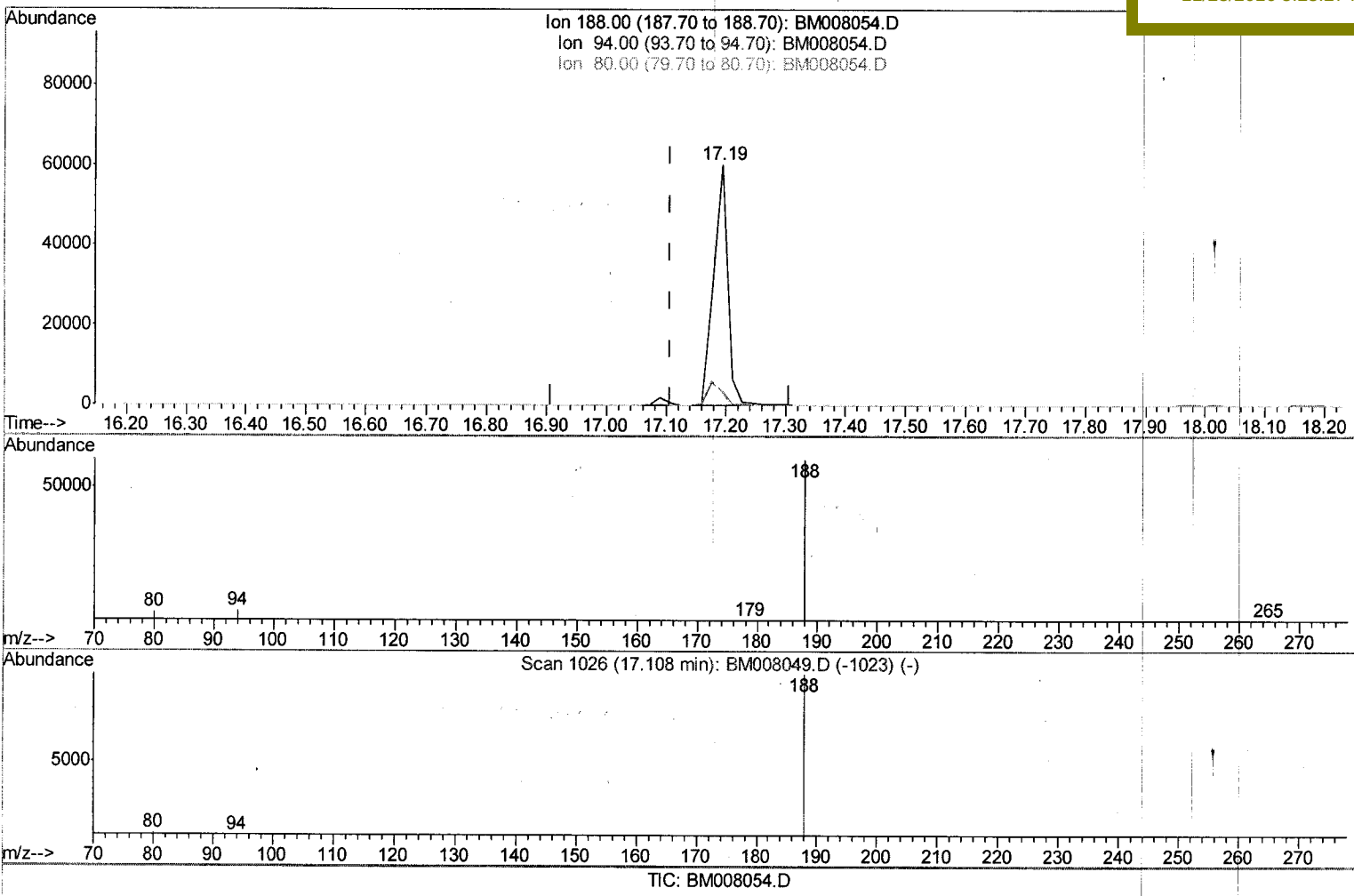
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:27 PM



TIC: BM008054.D

(10) Phenanthrene-d10 (I)

17.193min (+0.086) 0.40ng/ul

response 97367

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.81#
80.00	11.80	4.88#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 21 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
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11/28/2016 5:28:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	735	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2469	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1470	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2977m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2970	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	2955	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	520	0.15	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	1290	0.15	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.54	128	1253	0.18	ng/ul#	92
5) 2-Methylnaphthalene	12.16	142	593	0.13	ng/ul	98
7) Acenaphthylene	14.06	152	814	0.12	ng/ul#	85
8) Acenaphthene	14.40	153	570	0.11	ng/ul	94
9) Fluorene	15.39	166	437	0.08	ng/ul#	71
12) Phenanthrene	17.12	178	10196	1.10	ng/ul	97
13) Anthracene	17.23	178	2850	0.33	ng/ul#	94
15) Fluoranthene	19.16	202	22369	1.87	ng/ul	94
17) Pyrene	19.52	202	25612	2.48	ng/ul	97
18) Benzo(a)anthracene	21.27	228	13081	1.43	ng/ul#	92
19) Chrysene	21.32	228	20288m	1.79	ng/ul	
21) Benzo(b)fluoranthene	22.86	252	26030m	2.21	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	9956m	0.82	ng/ul	
23) Benzo(a)pyrene	23.43	252	18654	1.69	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.78	276	15270	1.12	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.79	278	4321	0.39	ng/ul#	56
26) Benzo(g,h,i)perylene	26.47	276	16231	1.34	ng/ul	97

S.J. 11/29/16

S.J. 11/29/16

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