Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
Data File : BM008068.D
Acq On : 24 Nov 2016 11:30
Operator : UM/SJ
Sample : H5701-10MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 25 02:24:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
Umangi
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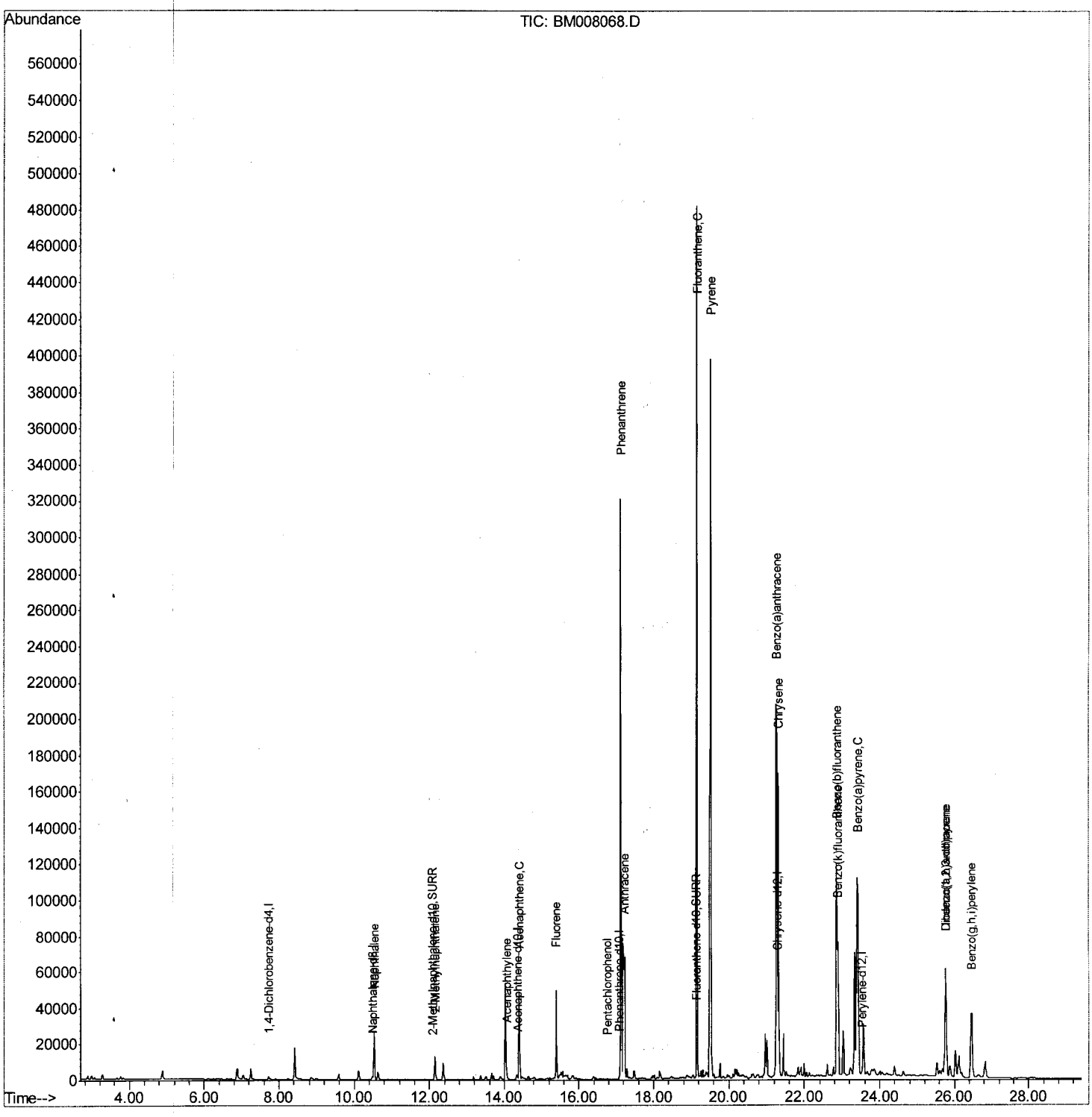

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
Data File : BM008068.D
Acq On : 24 Nov 2016 11:30
Operator : UM/SJ
Sample : H5701-10MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 25 02:23:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
Umangi
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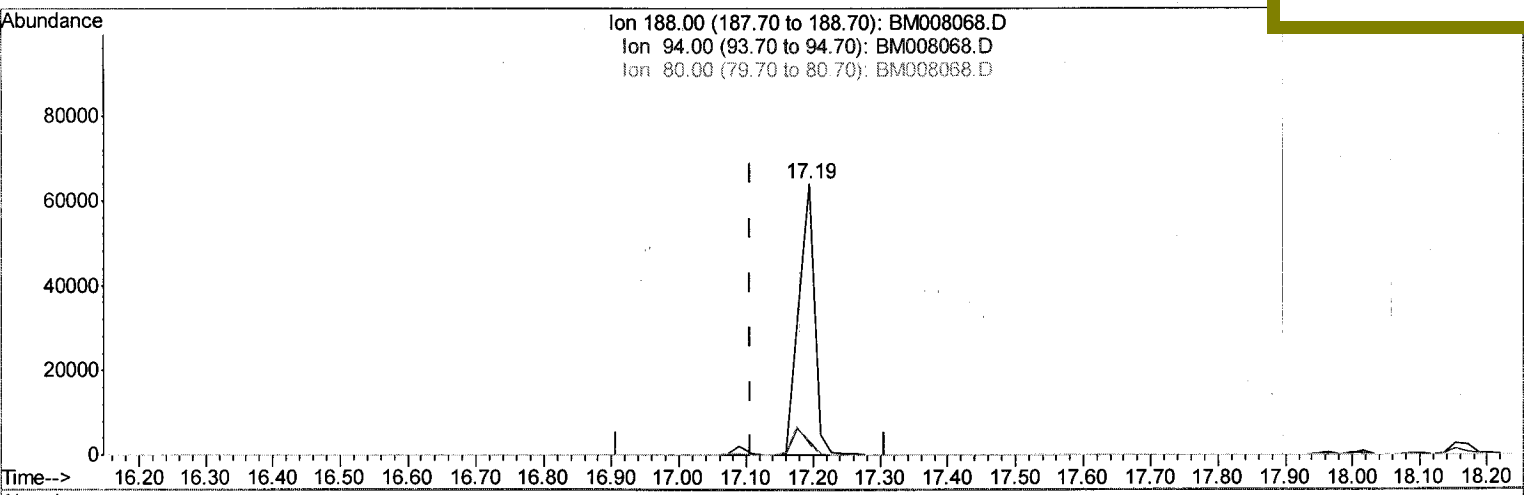

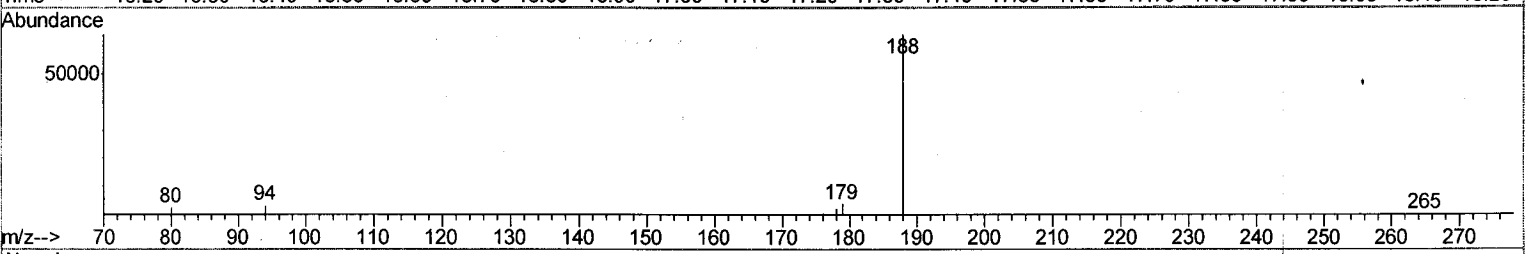

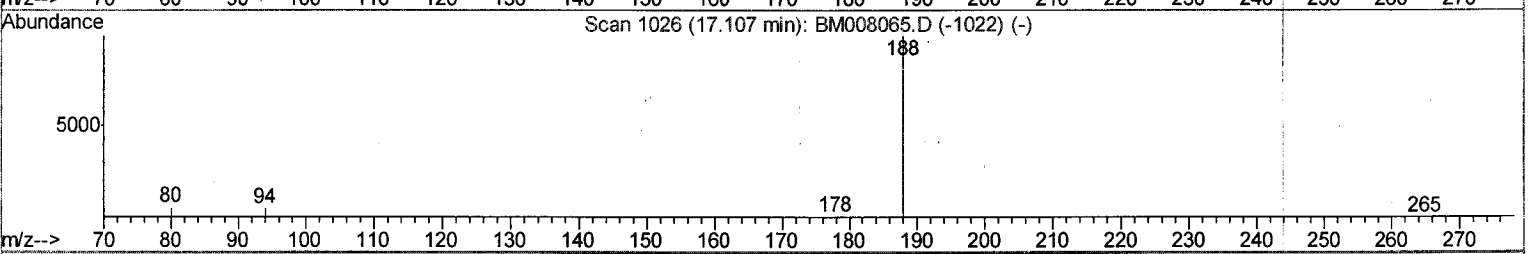

TIC: BM008068.D

(10) Phenanthrene-d10 (I)

17.193min (+0.086) 0.40ng/ul

response 103890

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.11#
80.00	11.80	4.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

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QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
Umangi
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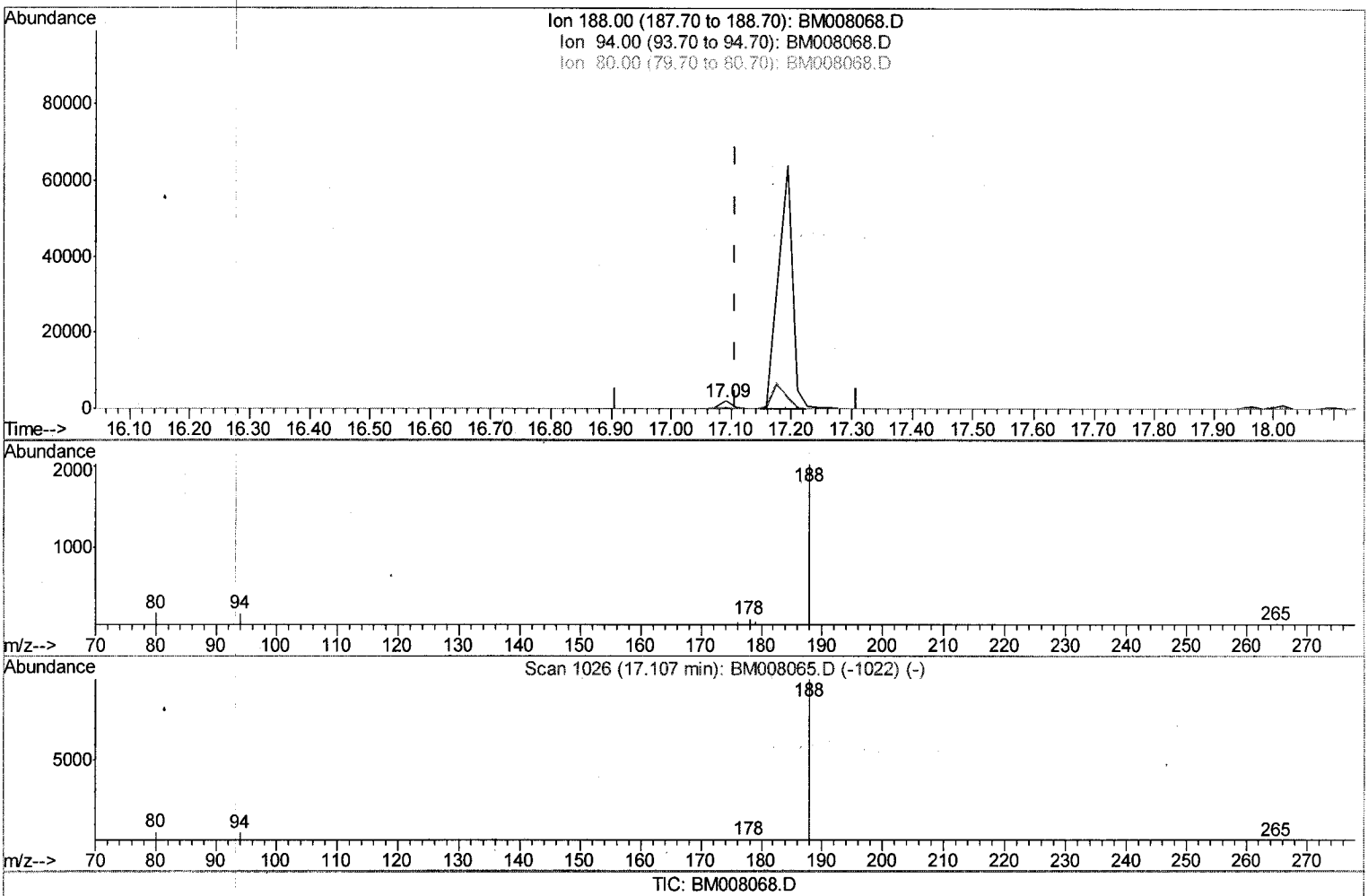

TIC: BM008068.D

(10) Phenanthrene-d10 (I)

17.090min (-0.017) 0.40ng/ul m

response 3019

S.J 11/29/16

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.22
80.00	11.80	9.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
Data File : BM008068.D
Acq On : 24 Nov 2016 11:30
Operator : UM/SJ
Sample : H5701-10MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 25 02:23:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
Umangi
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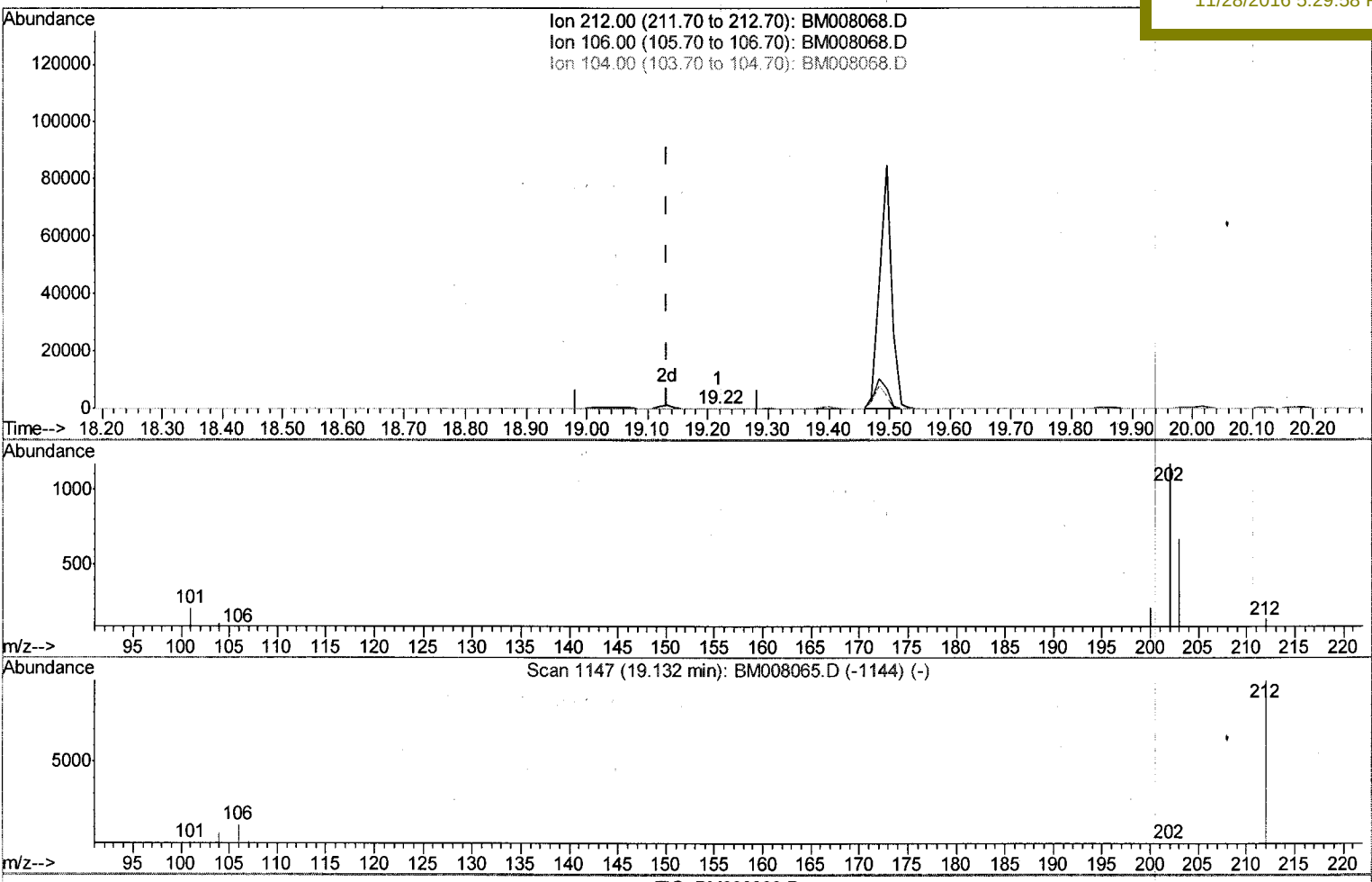

TIC: BM008068.D

(14) Fluoranthene-d10 (SURR)

19.217min (+0.085) 0.01ng/ul

response 74

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	20.27
104.00	15.60	163.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
Data File : BM008068.D
Acq On : 24 Nov 2016 11:30
Operator : UM/SJ
Sample : H5701-10MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 25 02:23:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
Umangi
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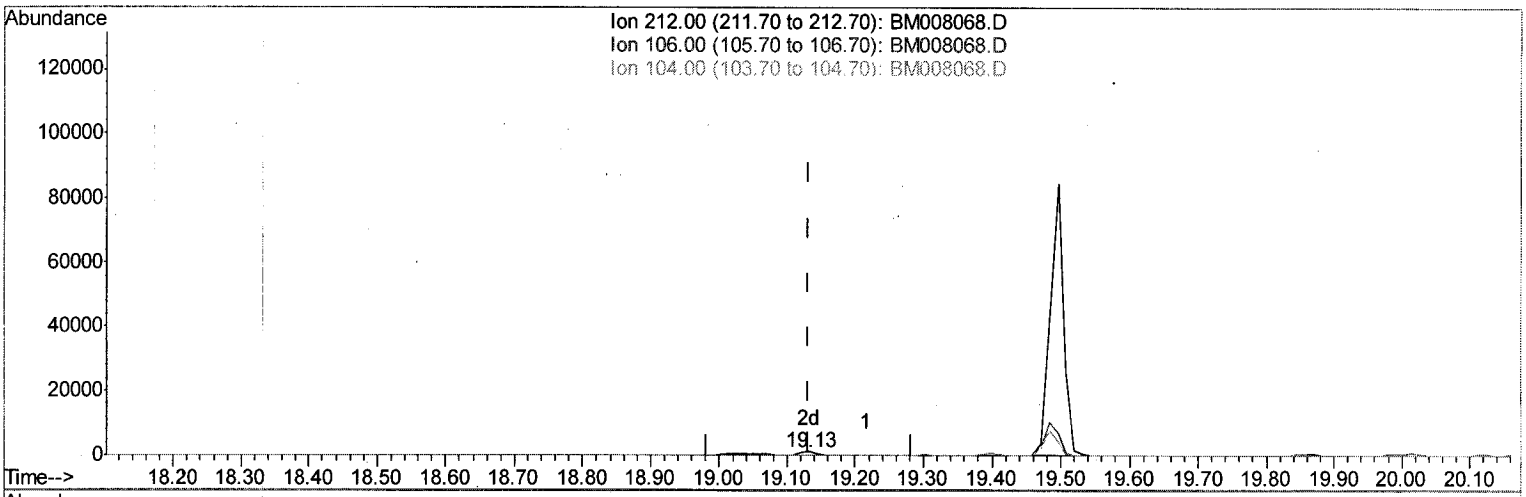

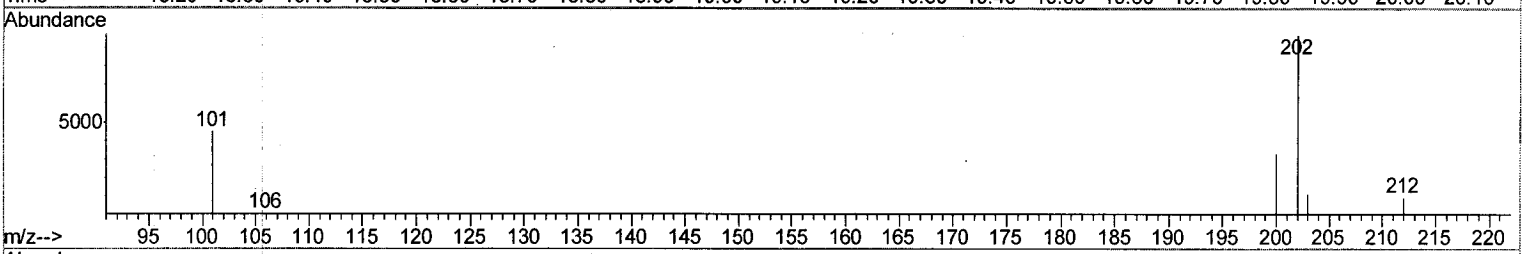

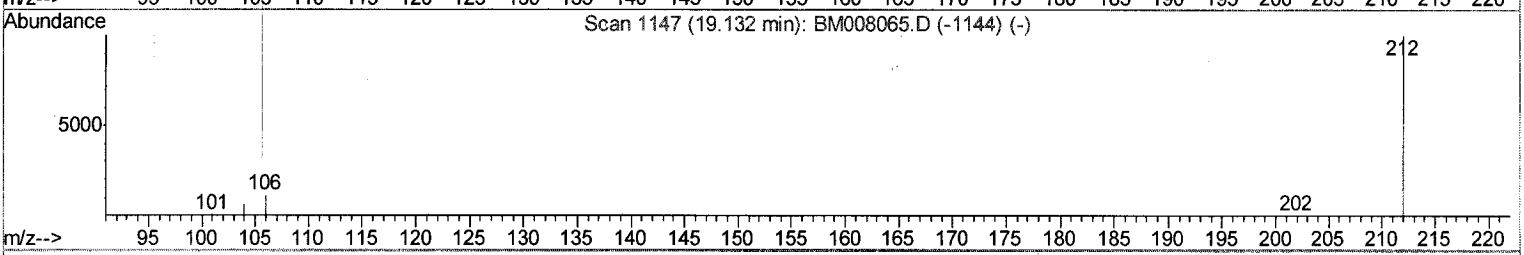

TIC: BM008068.D

(14) Fluoranthene-d10 (SURR)

19.132min (-0.000) 0.17ng/ul m

response 1477

S. J
11|29|16

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	1.02#
104.00	15.60	8.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
Data File : BM008068.D
Acq On : 24 Nov 2016 11:30
Operator : UM/SJ
Sample : H5701-10MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 25 02:23:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
Umangi
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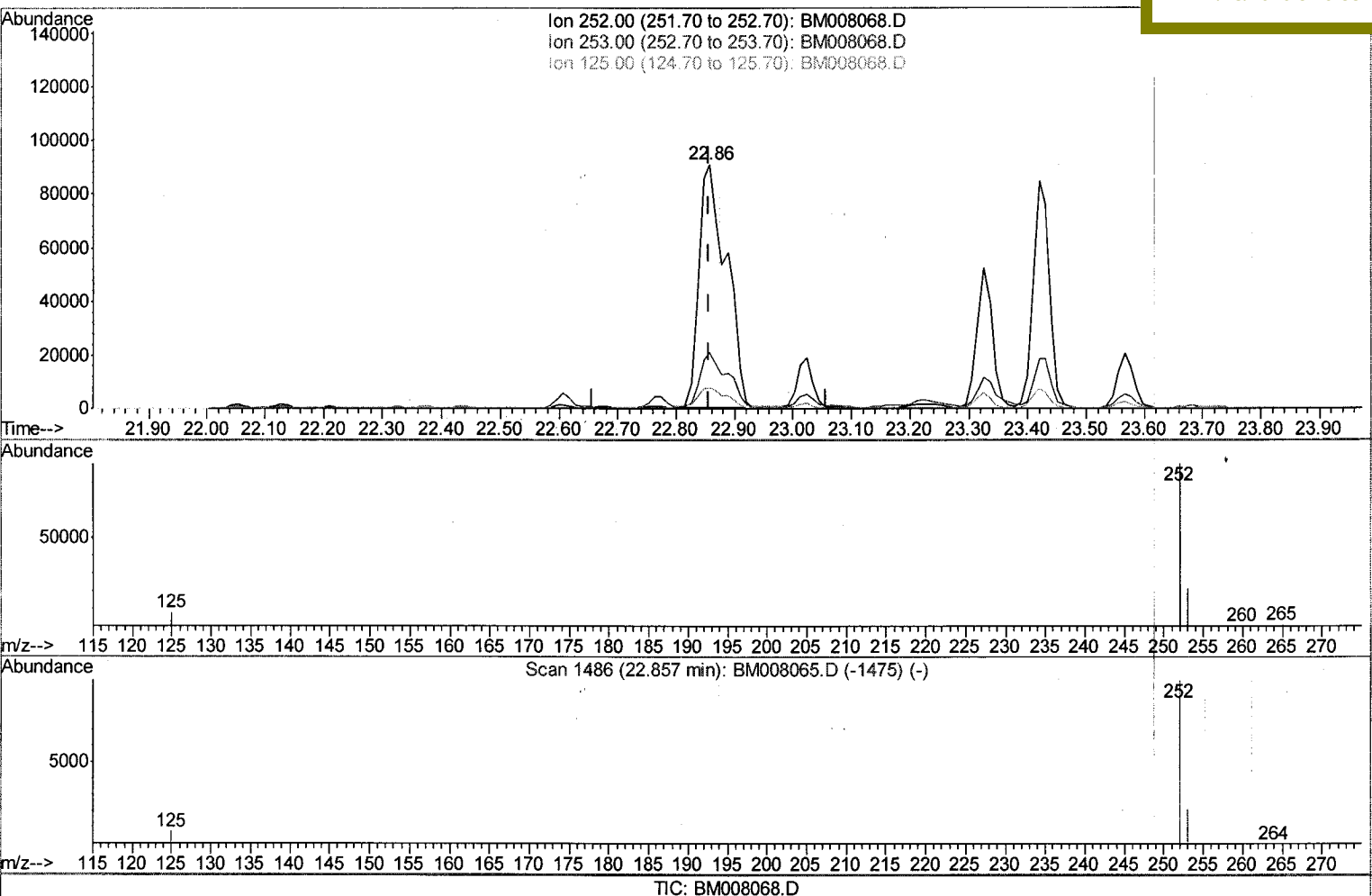

TIC: BM008068.D

(21) Benzo(b)fluoranthene

22.857min (-0.000) 25.44ng/ul

response 292948

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.41
125.00	17.50	8.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
Data File : BM008068.D
Acq On : 24 Nov 2016 11:30
Operator : UM/SJ
Sample : H5701-10MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 25 02:23:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
Umangi
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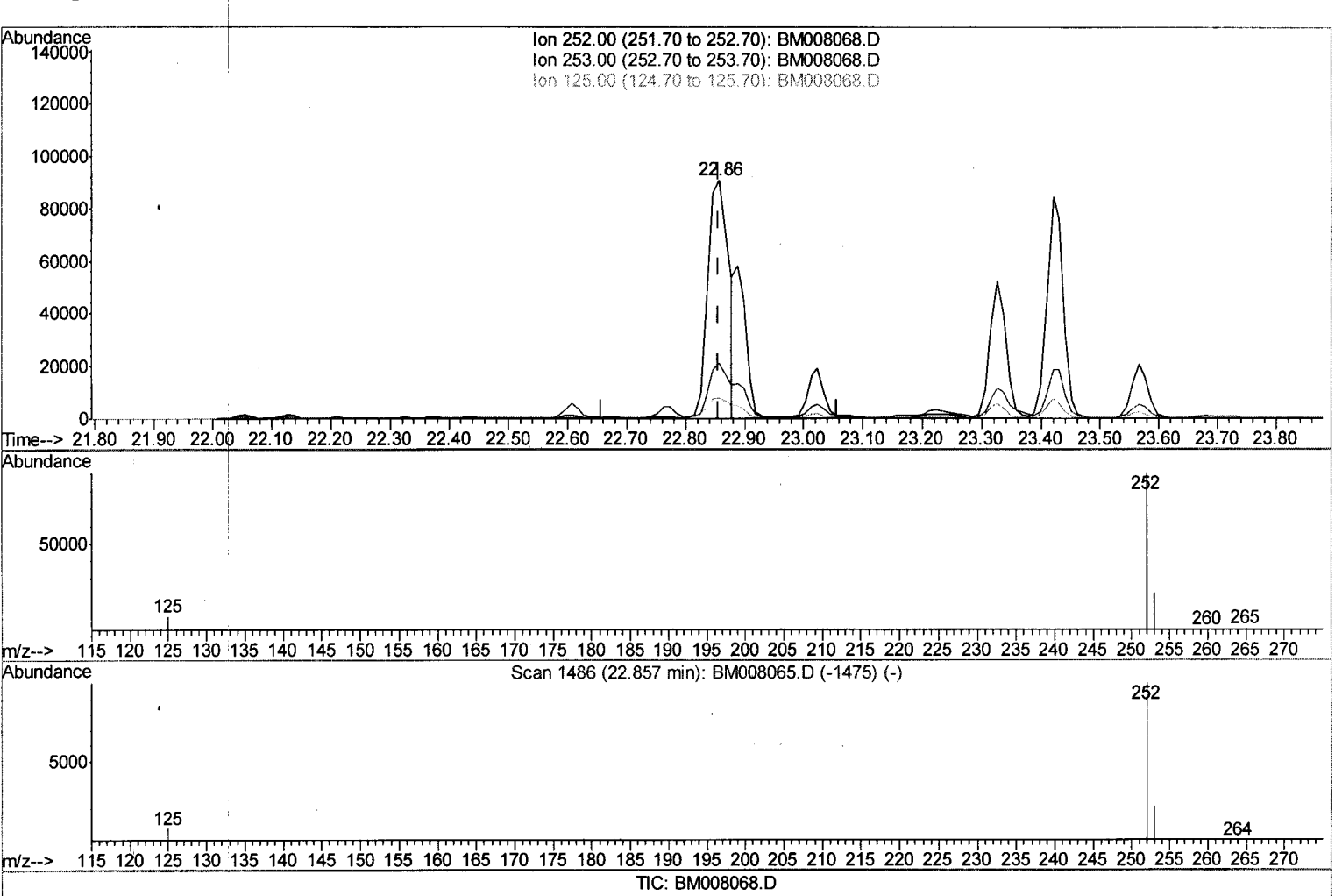

TIC: BM008068.D

(21) Benzo(b)fluoranthene

22.857min (-0.000) 19.17ng/ul m > S·J 11/29/16

response 220706

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.41
125.00	17.50	8.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
Data File : BM008068.D
Acq On : 24 Nov 2016 11:30
Operator : UM/SJ
Sample : H5701-10MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 25 02:23:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
Umangi
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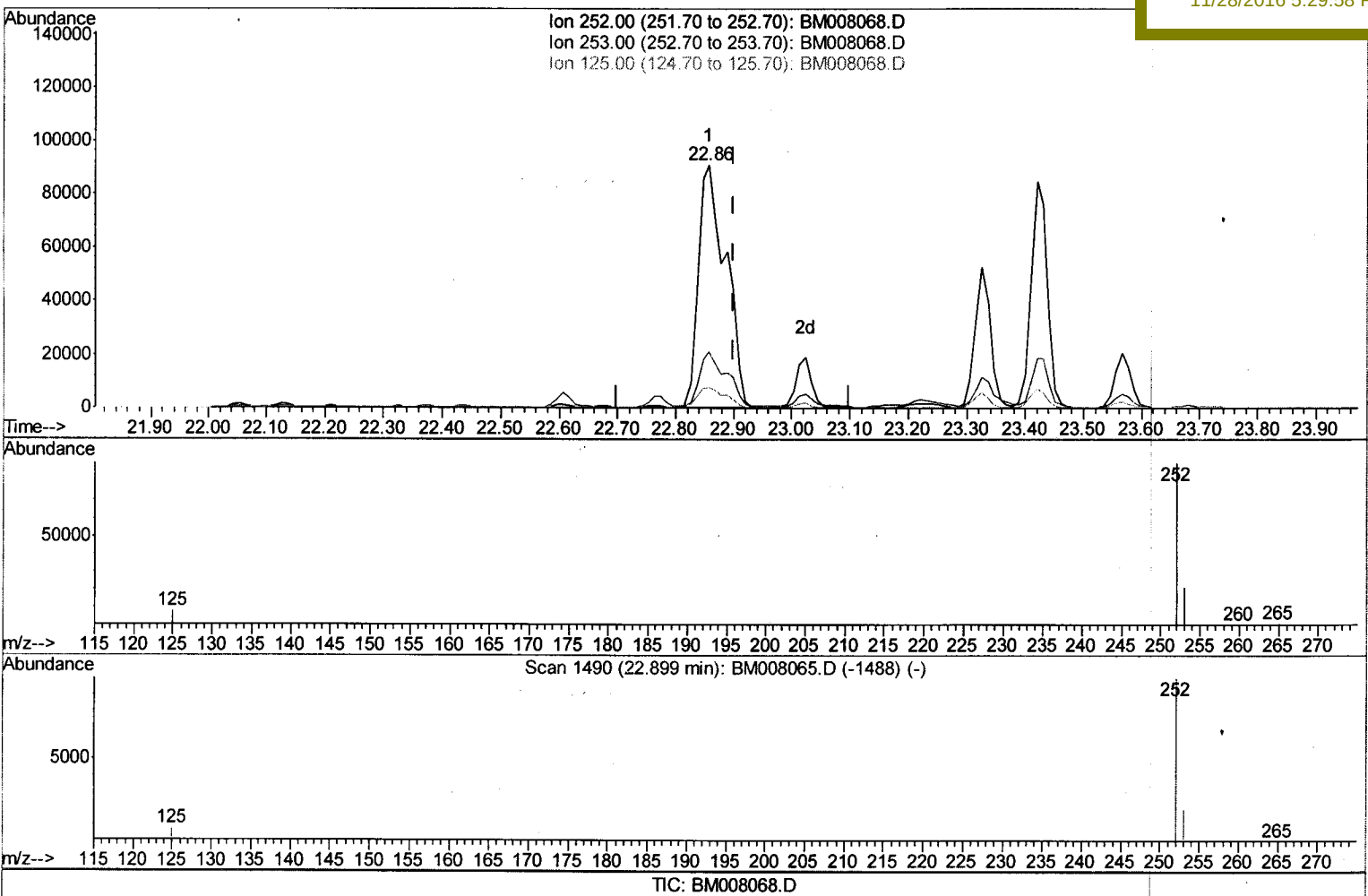

TIC: BM008068.D

(22) Benzo(k)fluoranthene

22.857min (-0.042) 24.66ng/ul

response 292948

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.41#
125.00	17.10	8.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM008068.D
Acq On : 24 Nov 2016 11:30
Operator : UM/SJ
Sample : H5701-10MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 25 02:23:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
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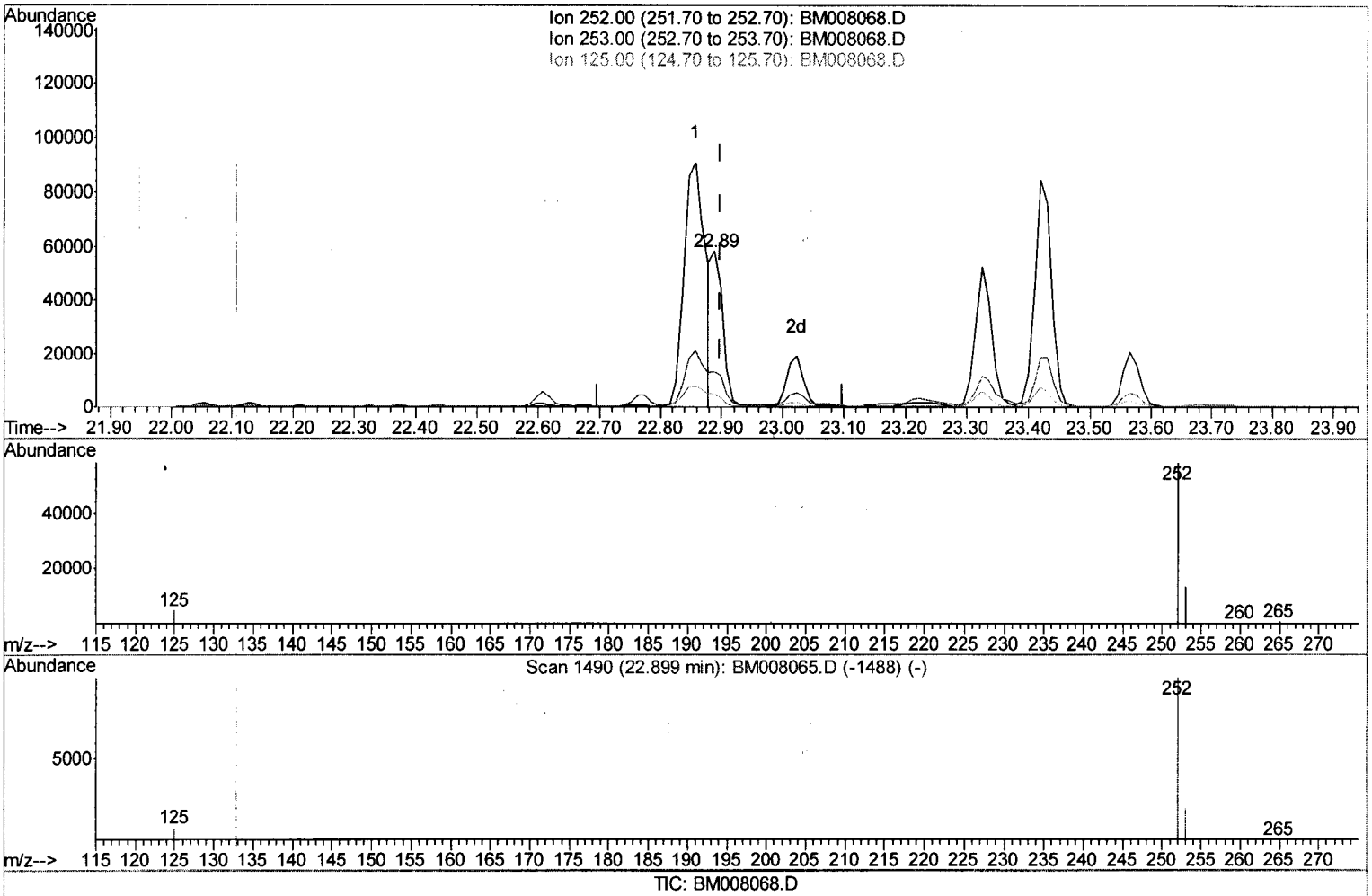

TIC: BM008068.D

(22) Benzo(k)fluoranthene

22.888min (-0.010) 6.39ng/ul m

response 75903

S.J 11/29/16

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.10#
125.00	17.10	8.25#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM008068.D
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Operator : UM/SJ
Sample : H5701-10MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	687	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2365	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1489	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3019m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	3148	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	2885	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	605	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	1477m	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.54	128	37772	5.71	ng/ul#	93
5) 2-Methylnaphthalene	12.15	142	9889	2.32	ng/ul	99
7) Acenaphthylene	14.06	152	6498	0.96	ng/ul	99
8) Acenaphthene	14.40	153	28414	5.54	ng/ul	97
9) Fluorene	15.39	166	34625	5.88	ng/ul#	87
11) Pentachlorophenol	16.76	266	171	0.16	ng/ul	95
12) Phenanthrene	17.12	178	369182	39.27	ng/ul	95
13) Anthracene	17.23	178	102249	11.58	ng/ul#	91
15) Fluoranthene	19.16	202	442358	36.45	ng/ul	93
17) Pyrene	19.52	202	372699	34.10	ng/ul	96
18) Benzo(a)anthracene	21.26	228	221187	22.89	ng/ul	95
19) Chrysene	21.31	228	169249	14.08	ng/ul	92
21) Benzo(b)fluoranthene	22.86	252	220706m	19.17	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	75903m	6.39	ng/ul	
23) Benzo(a)pyrene	23.42	252	160859	14.91	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.77	276	96720	7.25	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.78	278	26627	2.49	ng/ul#	90
26) Benzo(g,h,i)perylene	26.45	276	79639	6.73	ng/ul#	88

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

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
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11/28/2016 5:29:58 PM

S.J 11/29/16

S.J 11/29/16

S.J 11/29/16