Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008681.D
Acq On : 27 Dec 2016 19:51
Operator : UM/SJ
Sample : PB95336BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 03:28:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK36

Manual Integrations APPROVED
sohil
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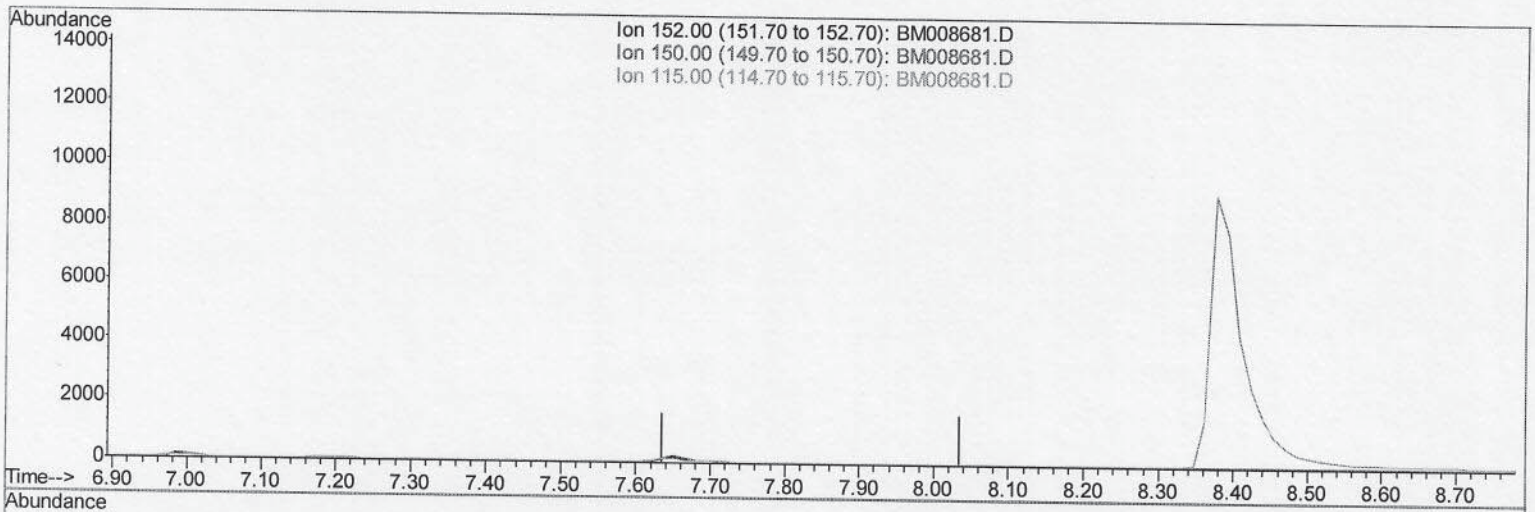

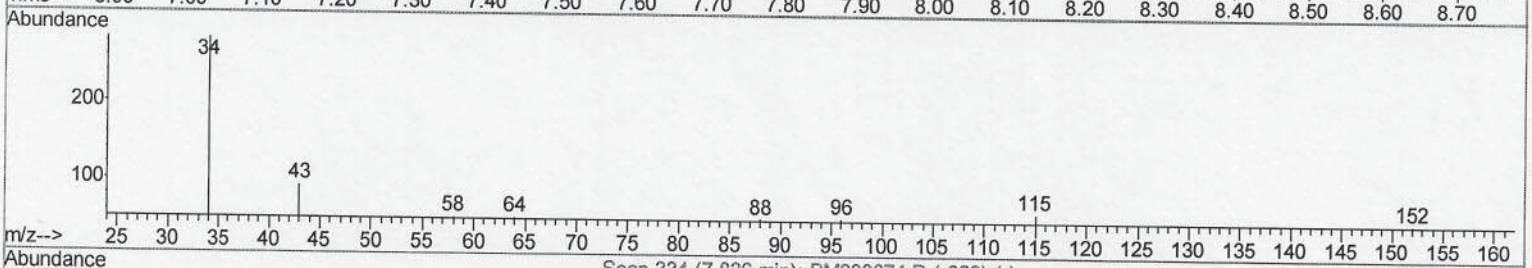

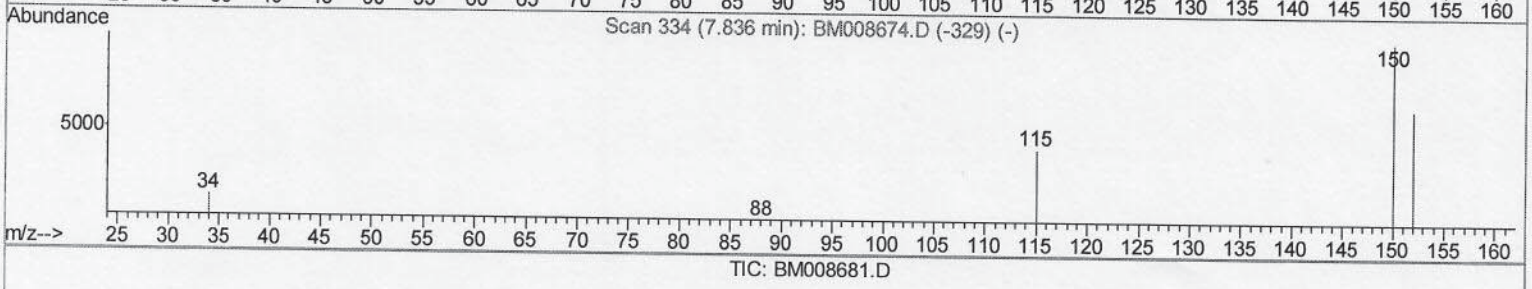

TIC: BM008681.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.836min (-7.836) 0.00ng/ul

response 0

Ion	Exp%	Act%
152.00	100	0.00
150.00	143.40	0.00#
115.00	64.90	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008681.D
Acq On : 27 Dec 2016 19:51
Operator : UM/SJ
Sample : PB95336BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 03:28:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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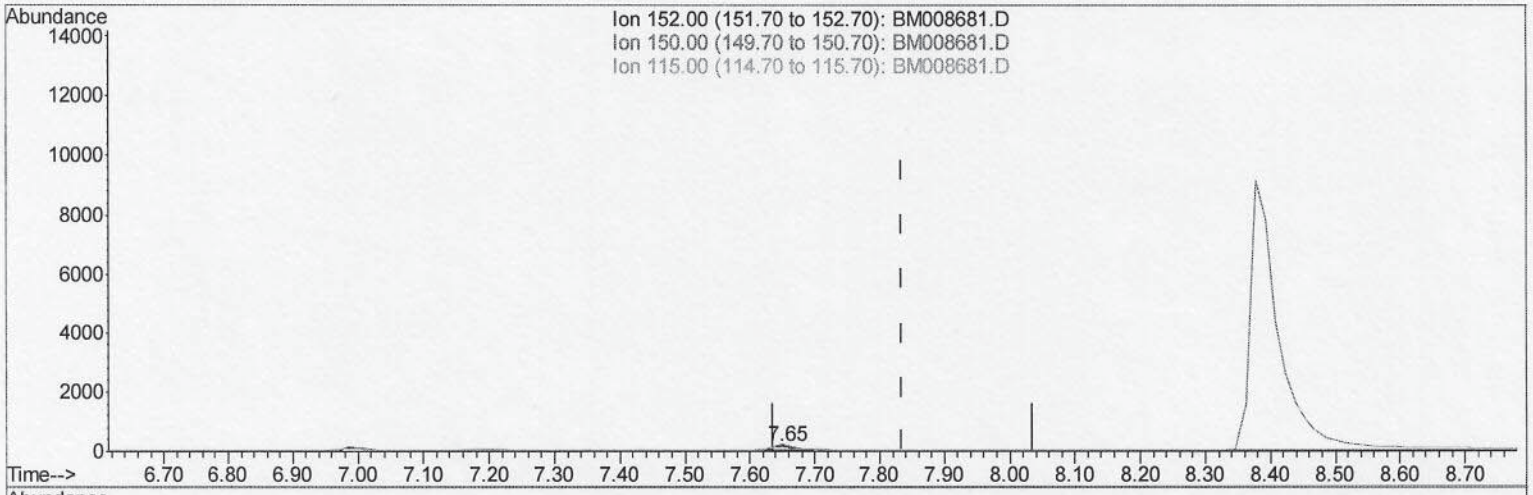

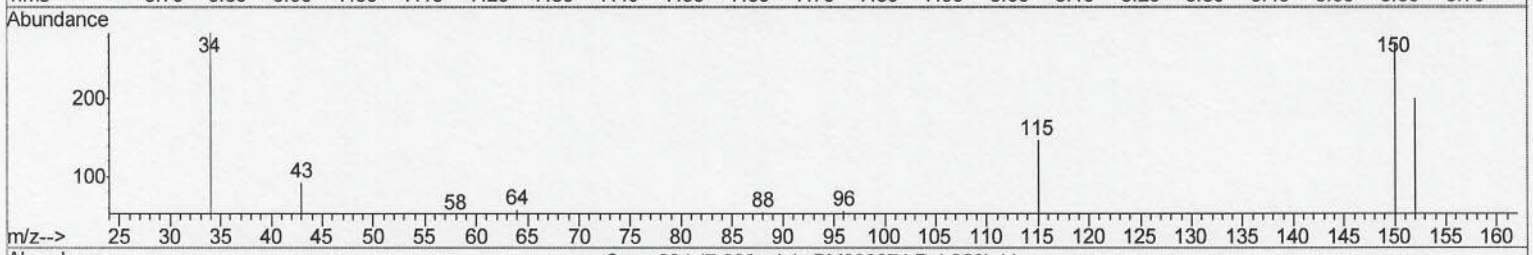

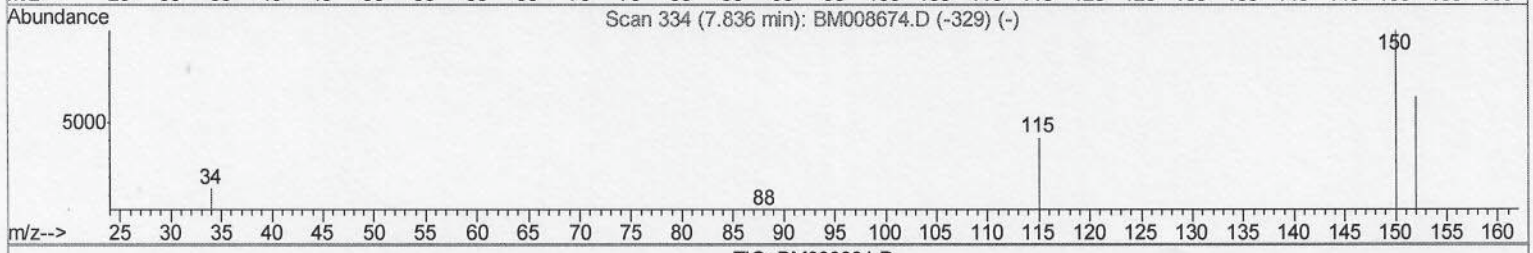

TIC: BM008681.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.651min (-0.185) 0.40ng/ul m > S.J 12/30/16

response 329

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	134.50
115.00	64.90	73.50
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008681.D
Acq On : 27 Dec 2016 19:51
Operator : UM/SJ
Sample : PB95336BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 03:28:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK36

Manual Integrations APPROVED
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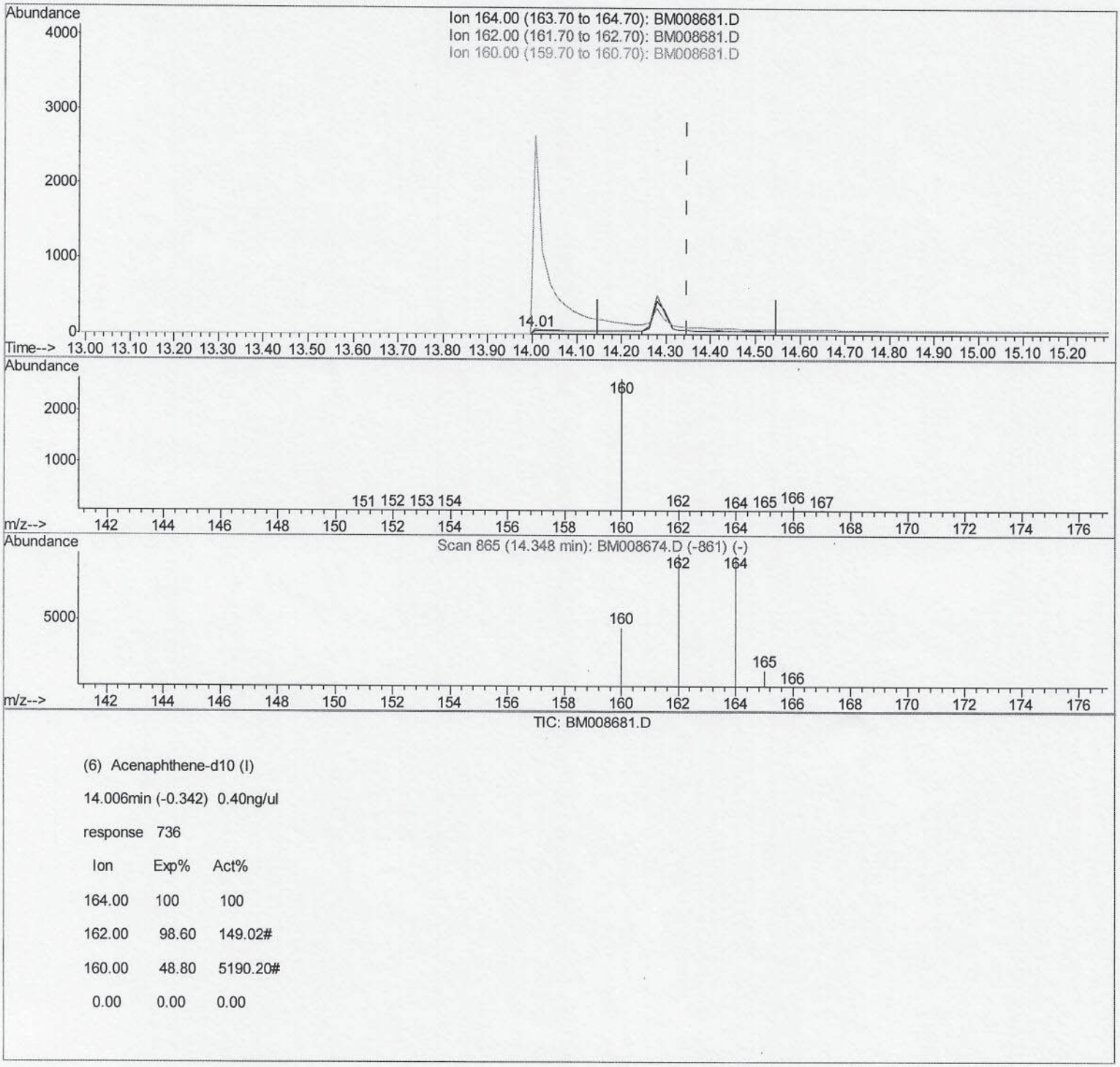

TIC: BM008681.D

(6) Acenaphthene-d10 (I)

14.006min (-0.342) 0.40ng/ul

response 736

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	149.02#
160.00	48.80	5190.20#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008681.D
Acq On : 27 Dec 2016 19:51
Operator : UM/SJ
Sample : PB95336BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 03:28:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK36

Manual Integrations APPROVED
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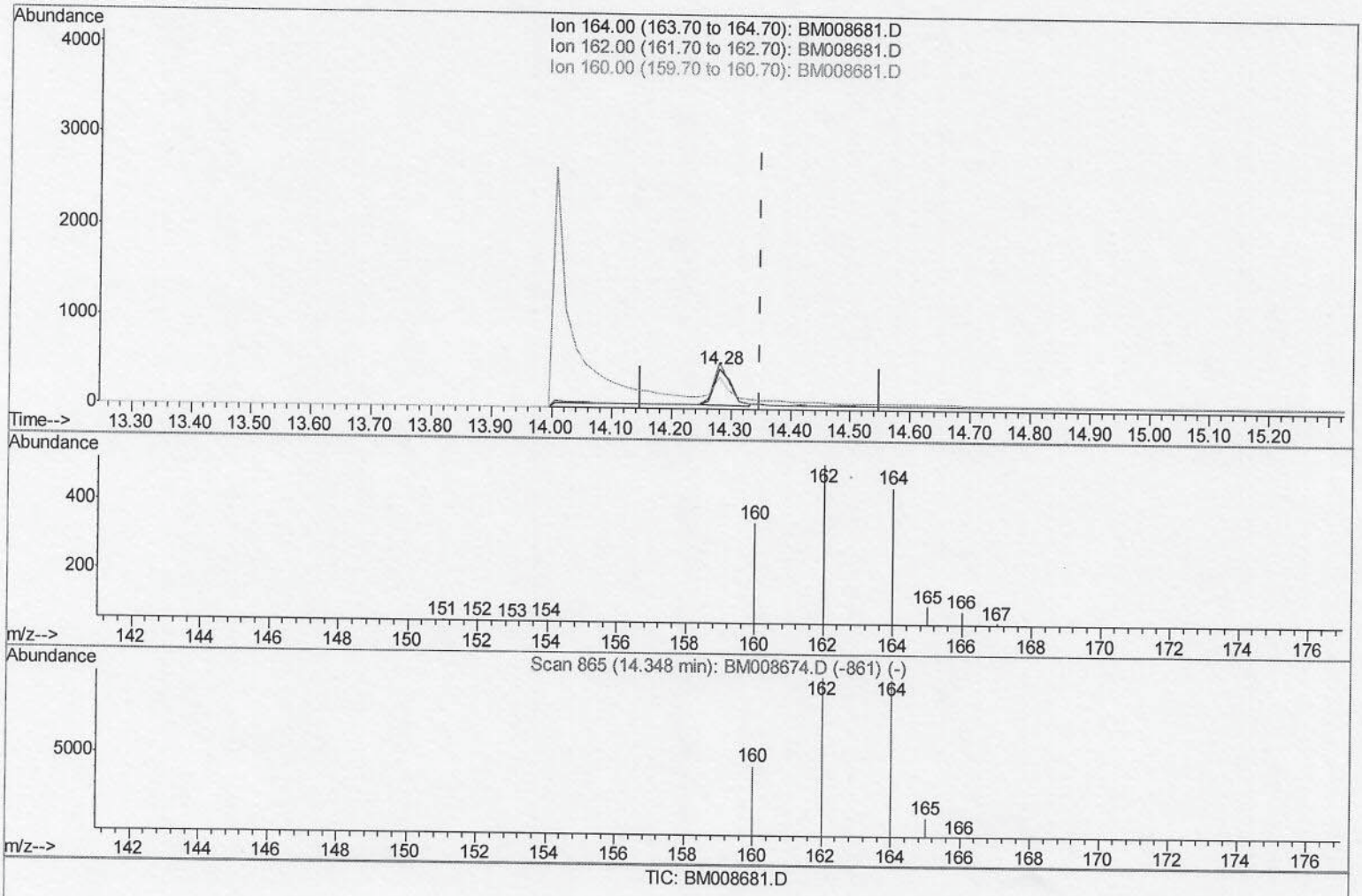

TIC: BM008681.D

(6) Acenaphthene-d10 (I)

14.280min (-0.068) 0.40ng/ul m > S.J 12/30/16

response 819

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	114.86
160.00	48.80	77.16#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008681.D
Acq On : 27 Dec 2016 19:51
Operator : UM/SJ
Sample : PB95336BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 03:28:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK36

Manual Integrations APPROVED
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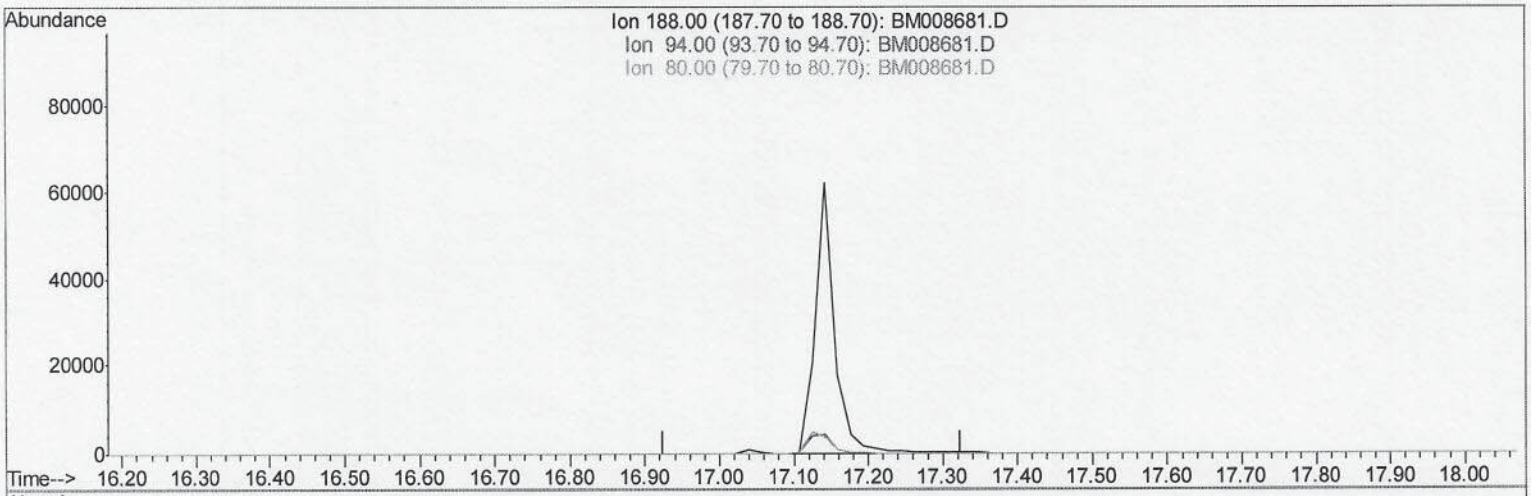

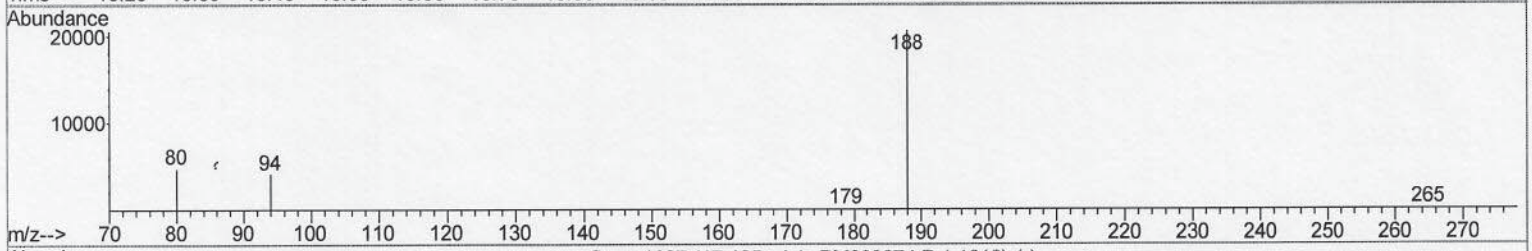

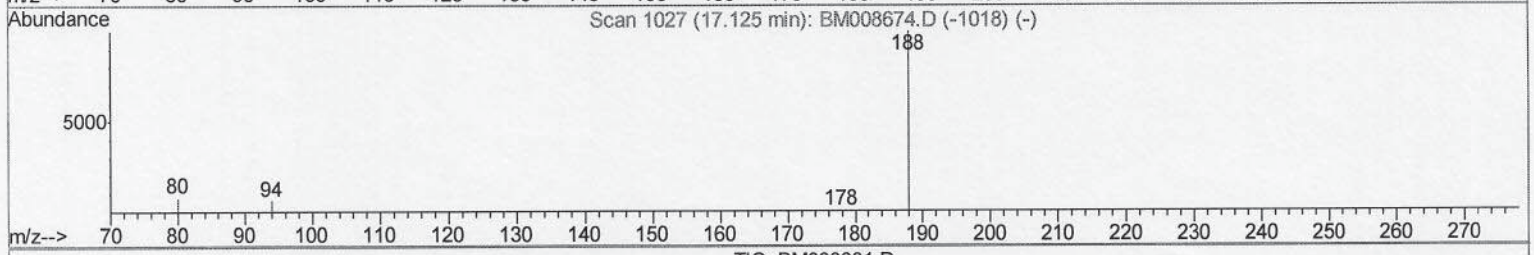

TIC: BM008681.D

(10) Phenanthrene-d10 (I)

17.125min (-17.125) 0.00ng/ul

response 0

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008681.D
Acq On : 27 Dec 2016 19:51
Operator : UM/SJ
Sample : PB95336BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 03:28:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK36

Manual Integrations APPROVED
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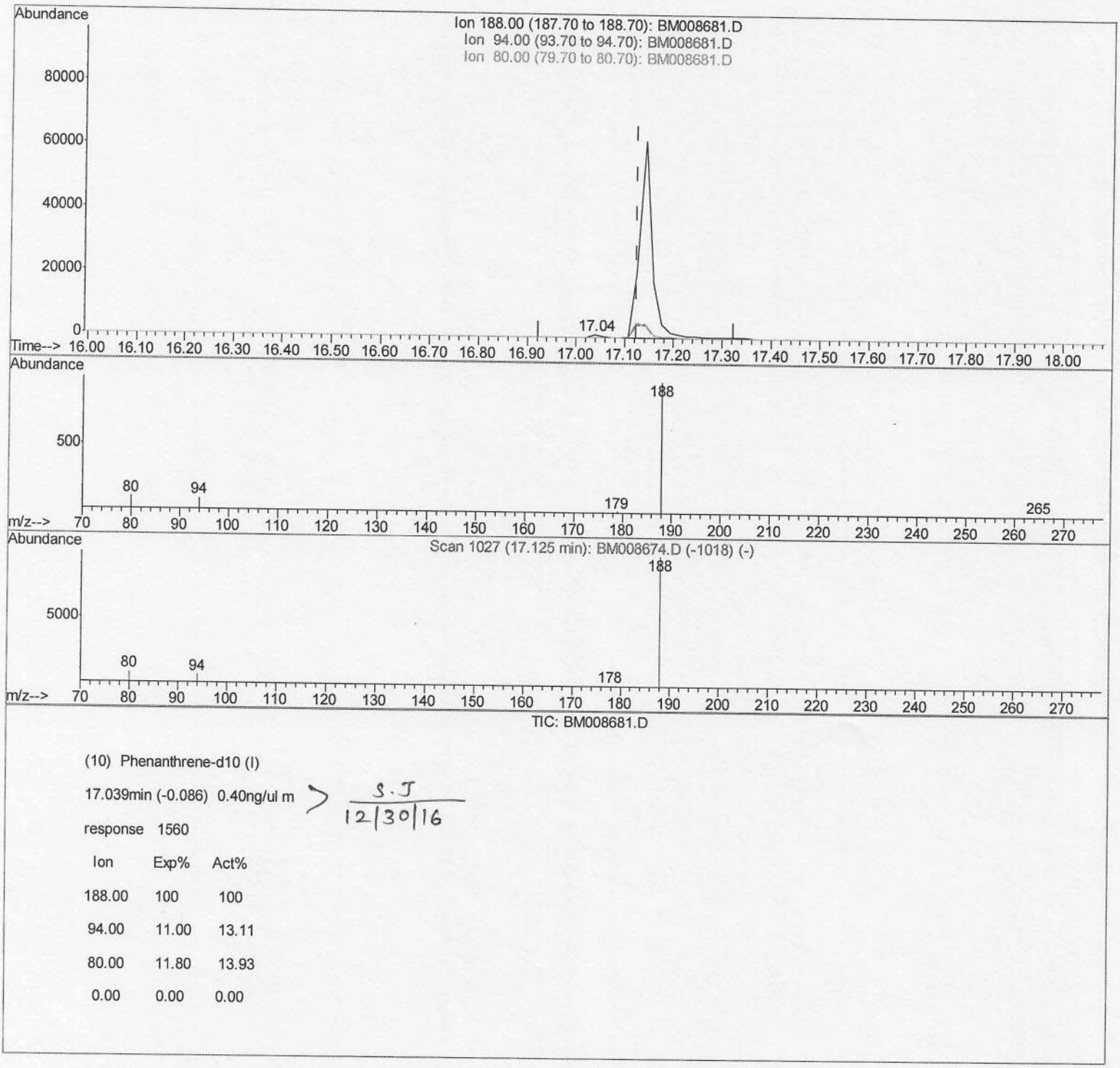

(10) Phenanthrene-d10 (I)

17.039min (-0.086) 0.40ng/ul m > S.J 12/30/16

response 1560

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.11
80.00	11.80	13.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008681.D
Acq On : 27 Dec 2016 19:51
Operator : UM/SJ
Sample : PB95336BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 03:28:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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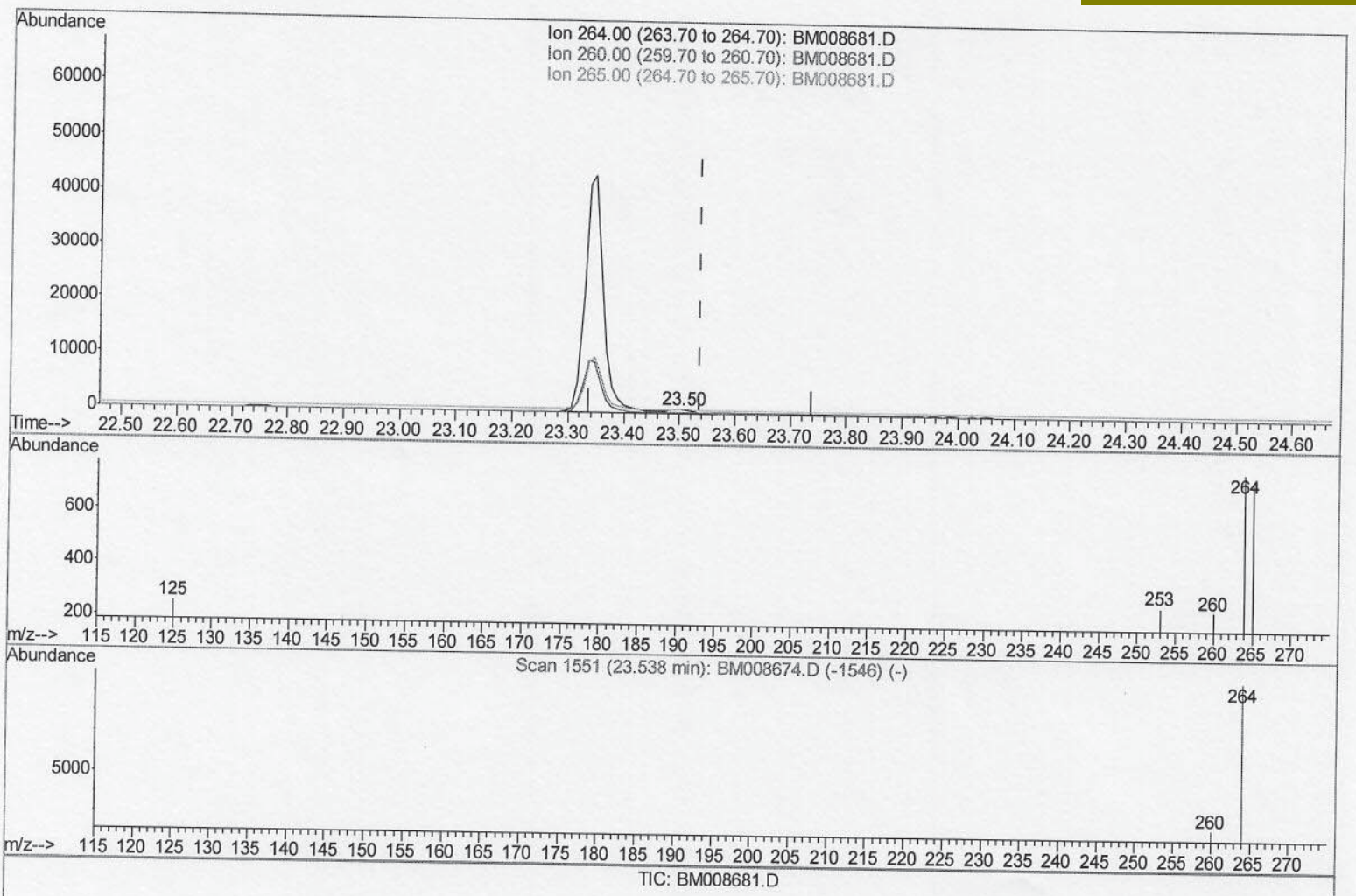
12/28/2016 9:50:33 AM



TIC: BM008681.D

(20) Perylene-d12 (I)

23.504min (-0.034) 0.40ng/ul

response 1978

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	32.82
265.00	103.50	96.01
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008681.D
Acq On : 27 Dec 2016 19:51
Operator : UM/SJ
Sample : PB95336BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 03:28:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
SBLK36

Manual Integrations APPROVED
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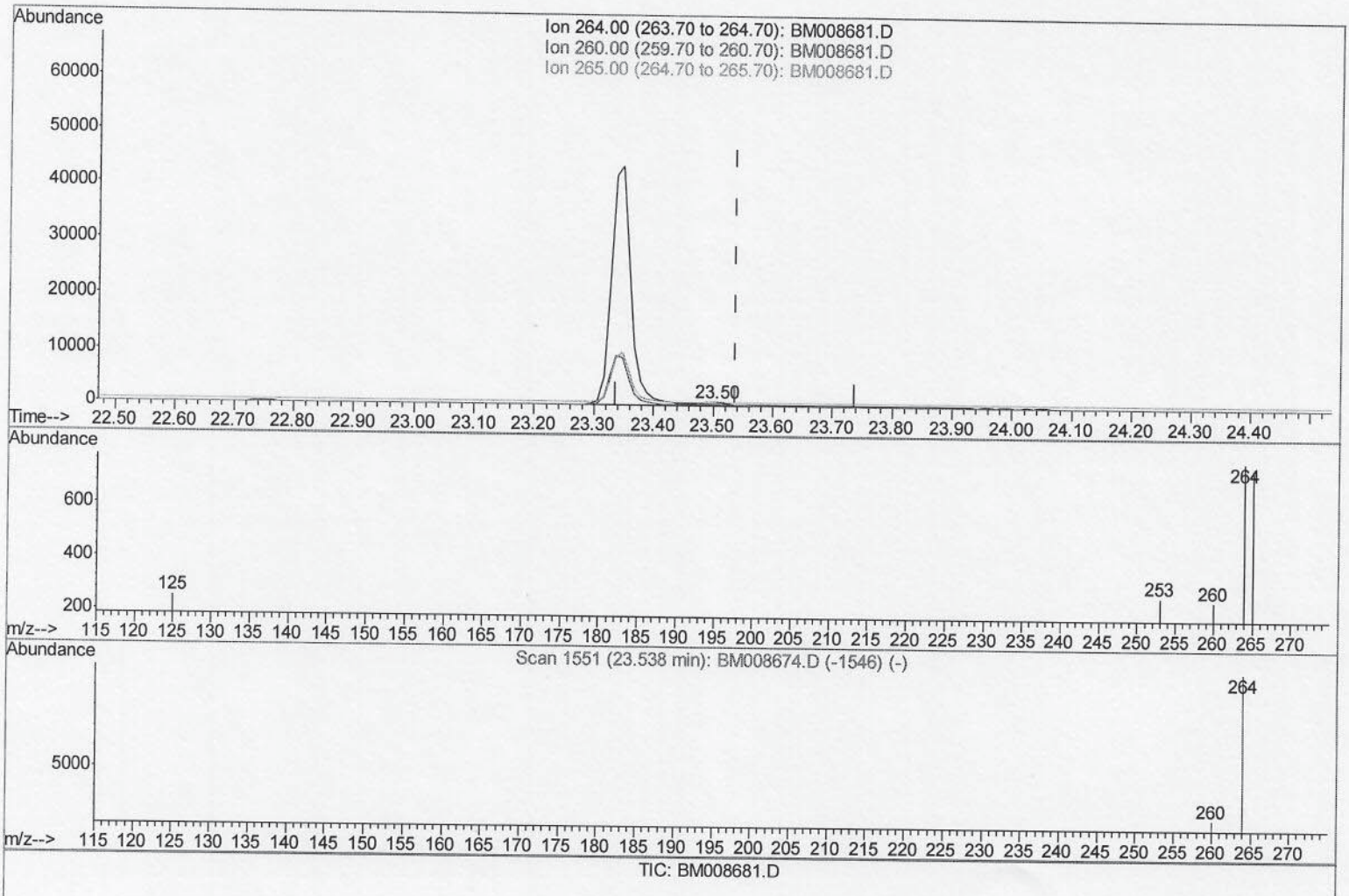

(20) Perylene-d12 (I)

23.504min (-0.034) 0.40ng/ul m > S.J 12/30/16

response 903

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	32.82
265.00	103.50	96.01
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008681.D
Acq On : 27 Dec 2016 19:51
Operator : UM/SJ
Sample : PB95336BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK36

Manual Integrations APPROVED
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Quant Time: Dec 28 04:59:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	329m	0.40	ng/ul	-0.19
2) Naphthalene-d8	10.43	136	1254	0.40	ng/ul	-0.14
6) Acenaphthene-d10	14.28	164	819m	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	1560m	0.40	ng/ul	-0.09
16) Chrysene-d12	21.27	240	1525	0.40	ng/ul	-0.02
20) Perylene-d12	23.50	264	903m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	563	0.29	ng/ul	-0.11
14) Fluoranthene-d10	19.10	212	1372	0.32	ng/ul	-0.05
Target Compounds						Qvalue

S.J 12/30/16

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
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Acq On : 27 Dec 2016 19:51
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