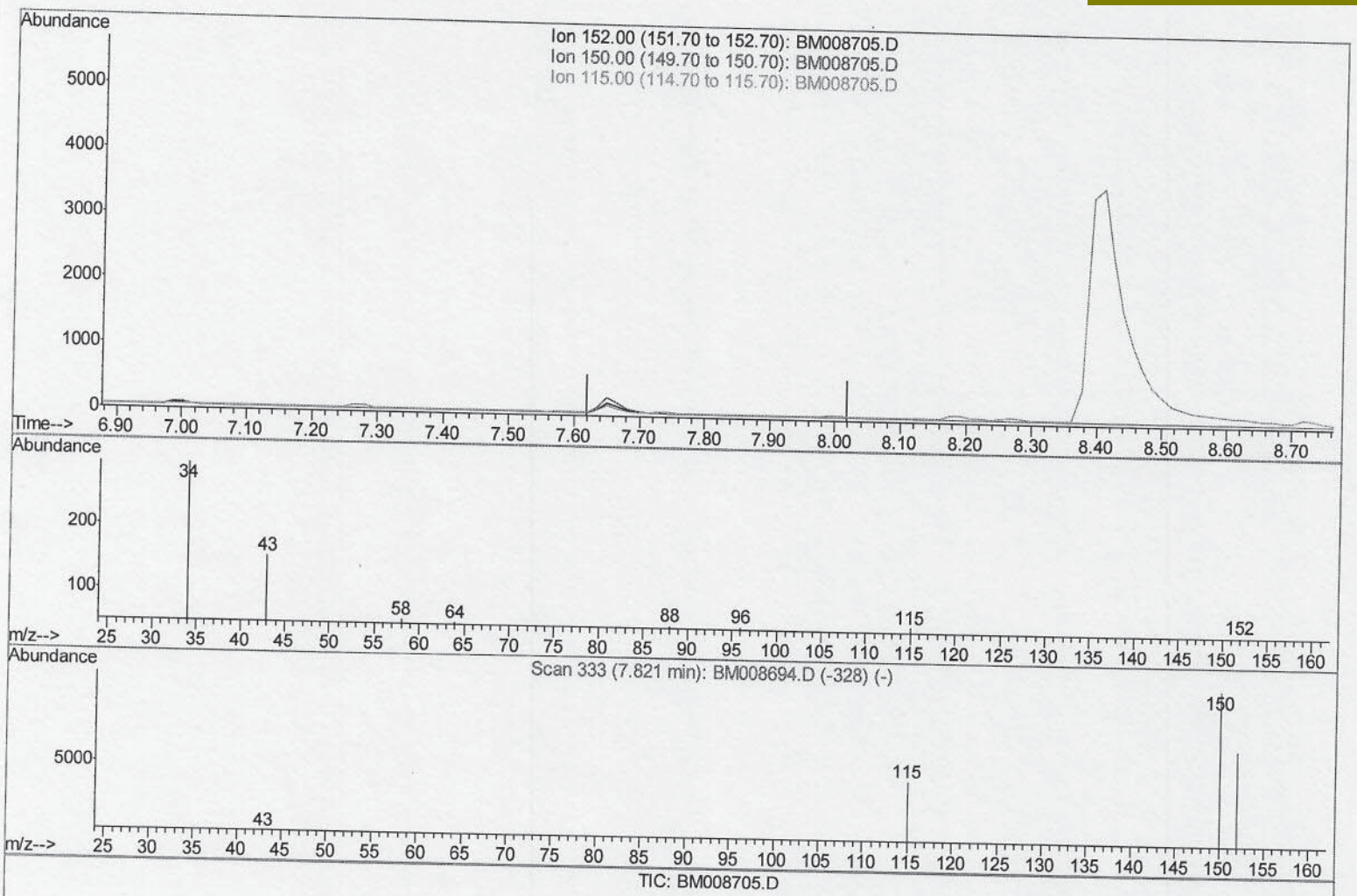
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 03:34:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM



TIC: BM008705.D

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

7.821min (-7.821) 0.00ng/ul

response 0

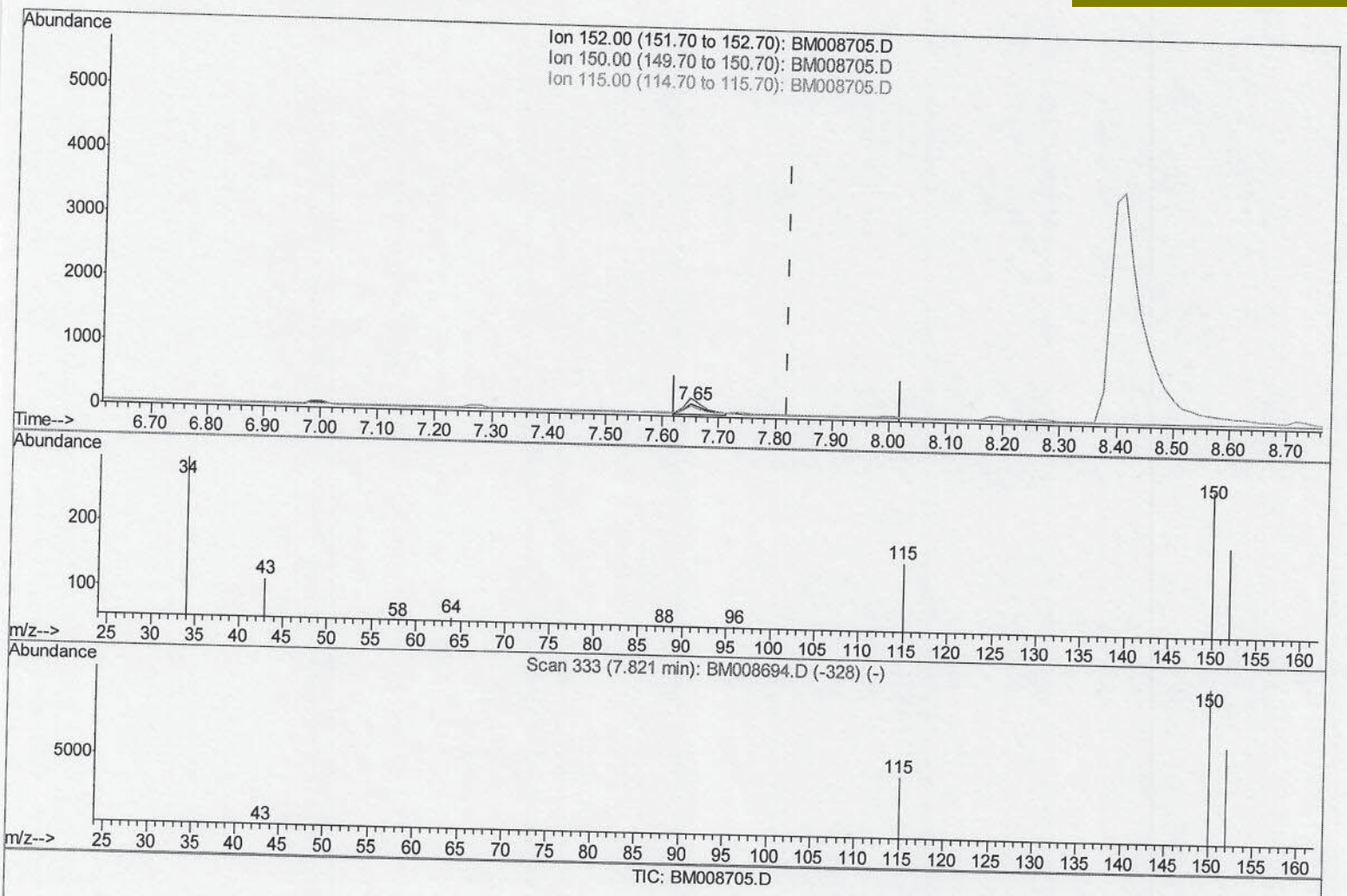
Ion	Exp%	Act%
152.00	100	0.00
150.00	143.40	0.00#
115.00	64.90	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 03:34:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM



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

7.650min (-0.170) 0.40ng/ul m > S.J. 12/30/16

response 407

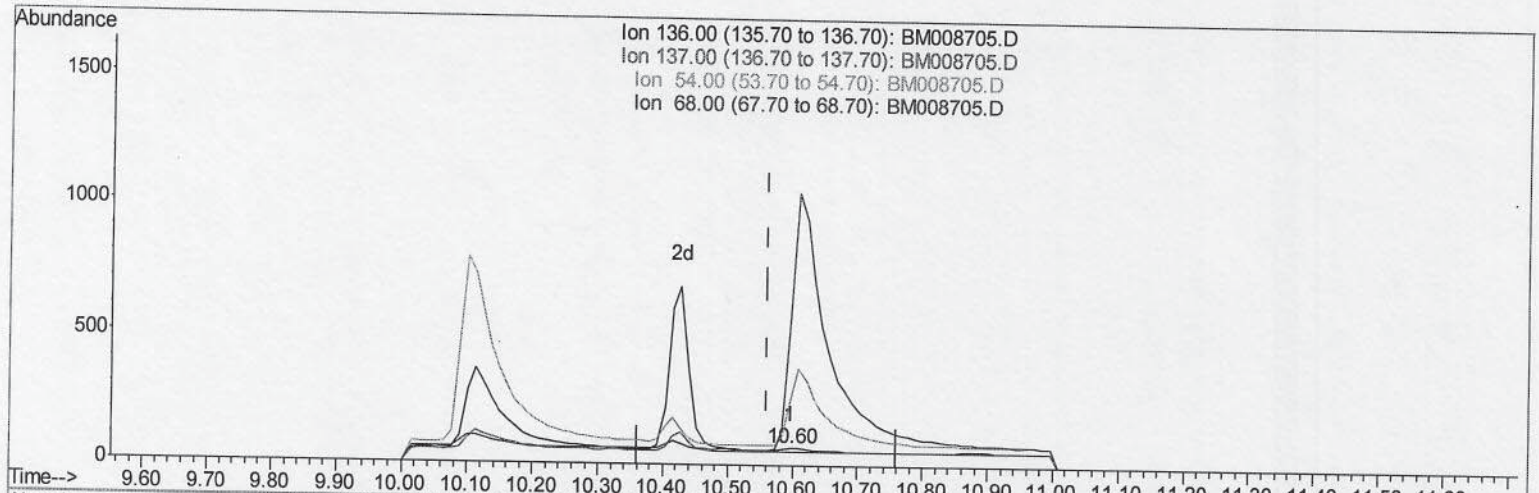
Ion	Exp%	Act%
152.00	100	100
150.00	143.40	143.81
115.00	64.90	82.47#
0.00	0.00	0.00

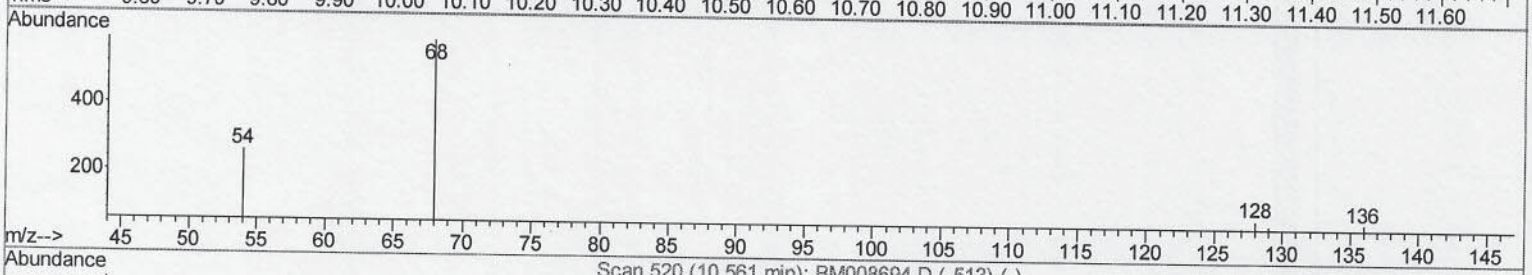
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

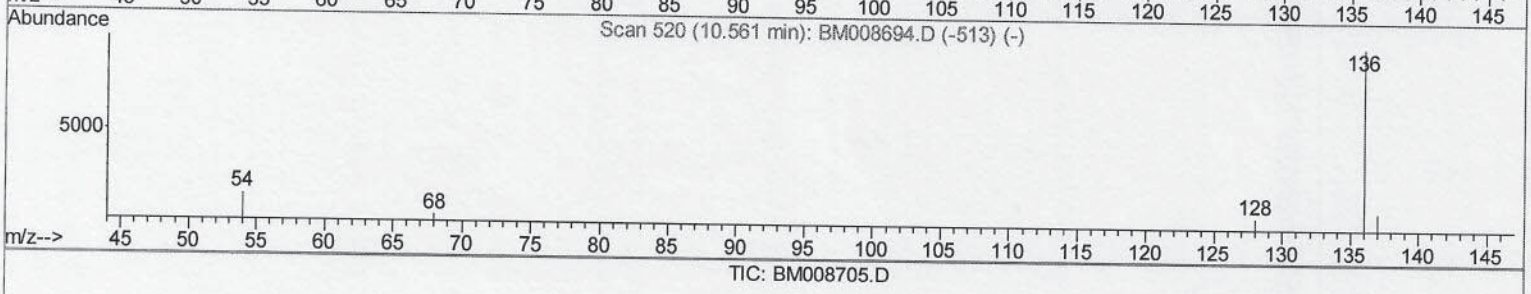
Quant Time: Dec 29 03:34:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM







TIC: BM008705.D

(2) Naphthalene-d8 (I)

10.597min (+0.036) 0.40ng/ul

response 62

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	75.36#
54.00	15.50	379.71#
68.00	9.90	855.07#

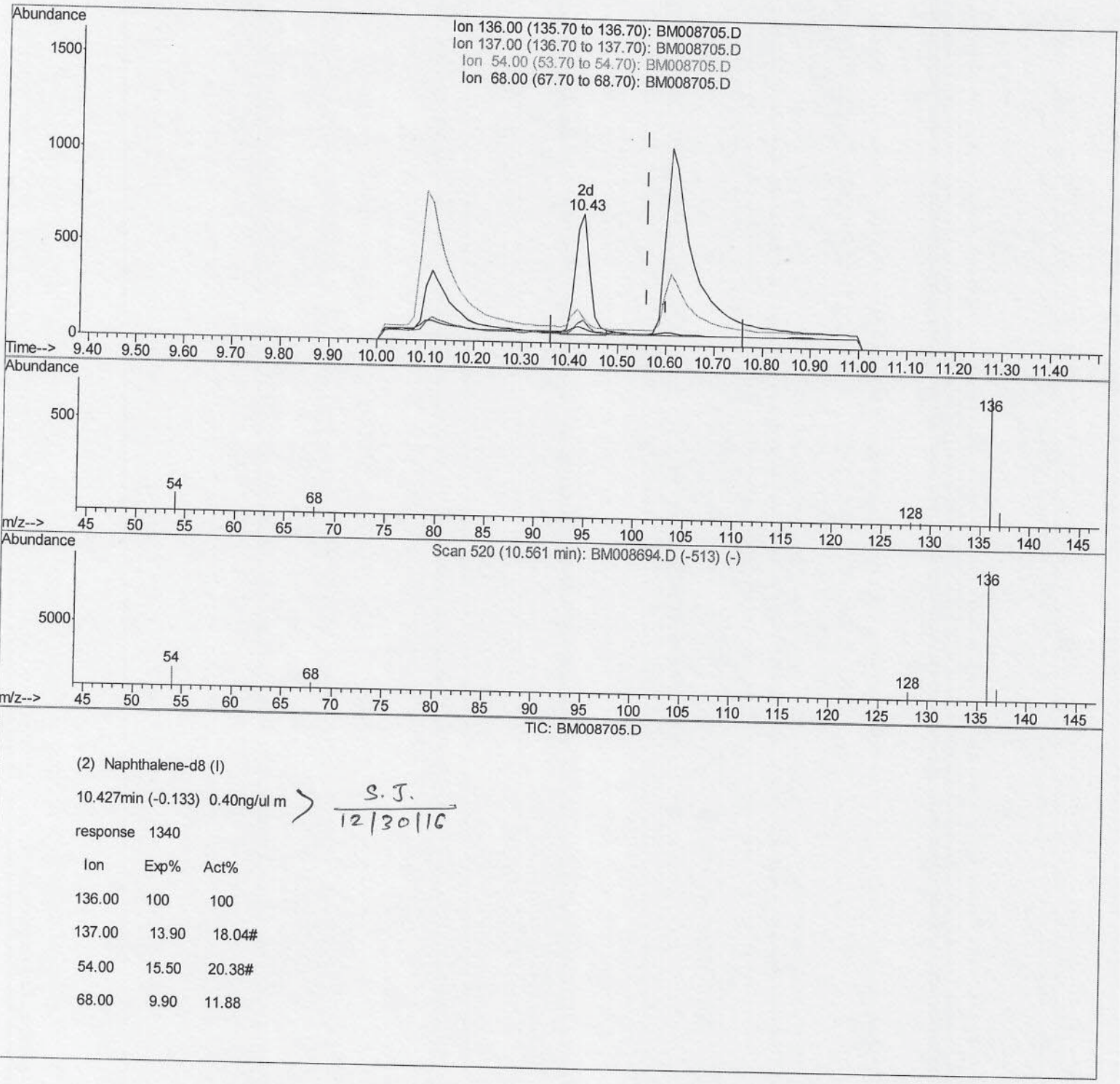
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 03:34:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM



(2) Naphthalene-d8 (I)

10.427min (-0.133) 0.40ng/ul m

response 1340

S.J. 12/30/16

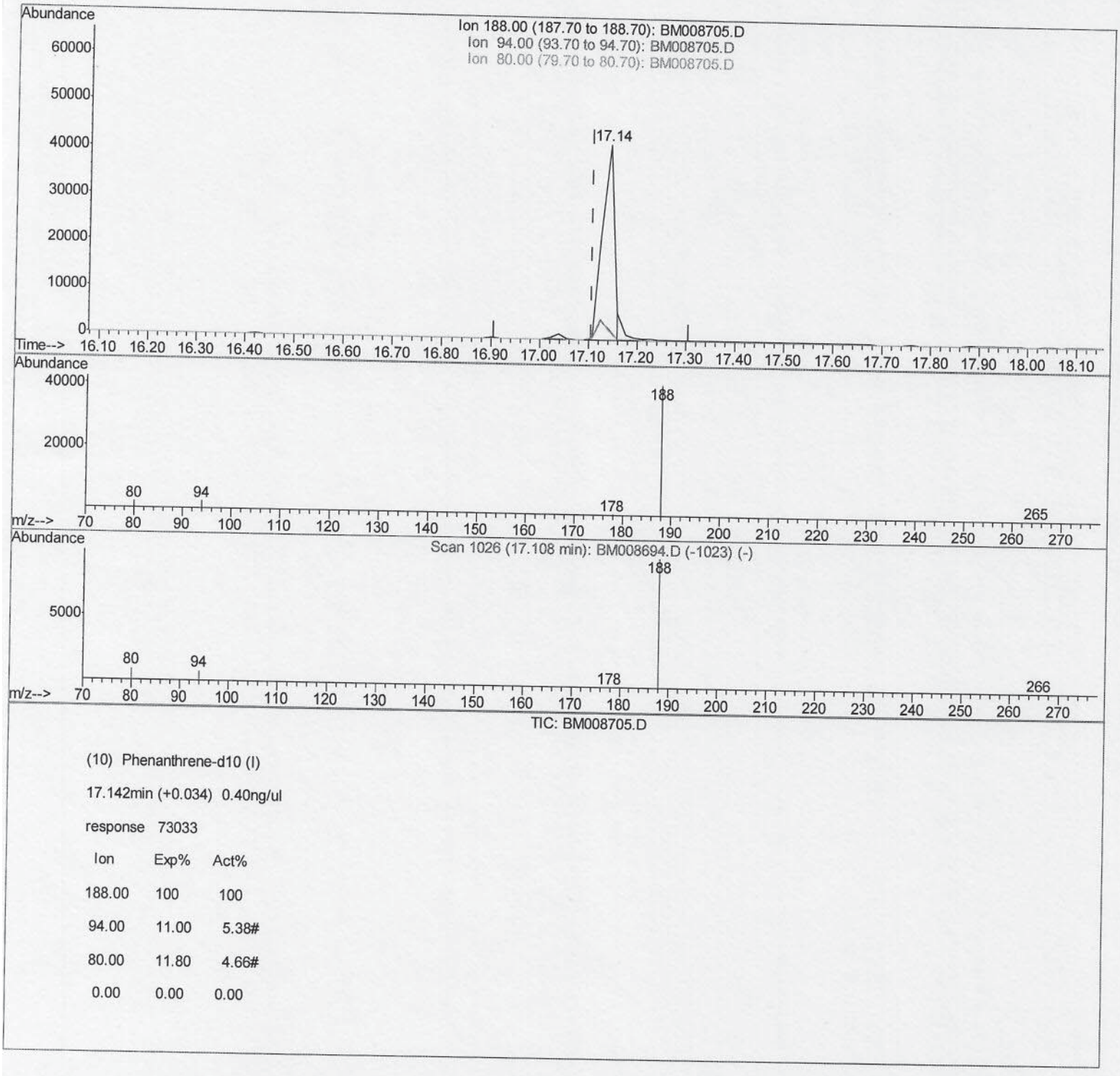
Ion	Exp%	Act%
136.00	100	100
137.00	13.90	18.04#
54.00	15.50	20.38#
68.00	9.90	11.88

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 03:34:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM



TIC: BM008705.D

(10) Phenanthrene-d10 (I)

17.142min (+0.034) 0.40ng/ul

response 73033

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.38#
80.00	11.80	4.66#
0.00	0.00	0.00

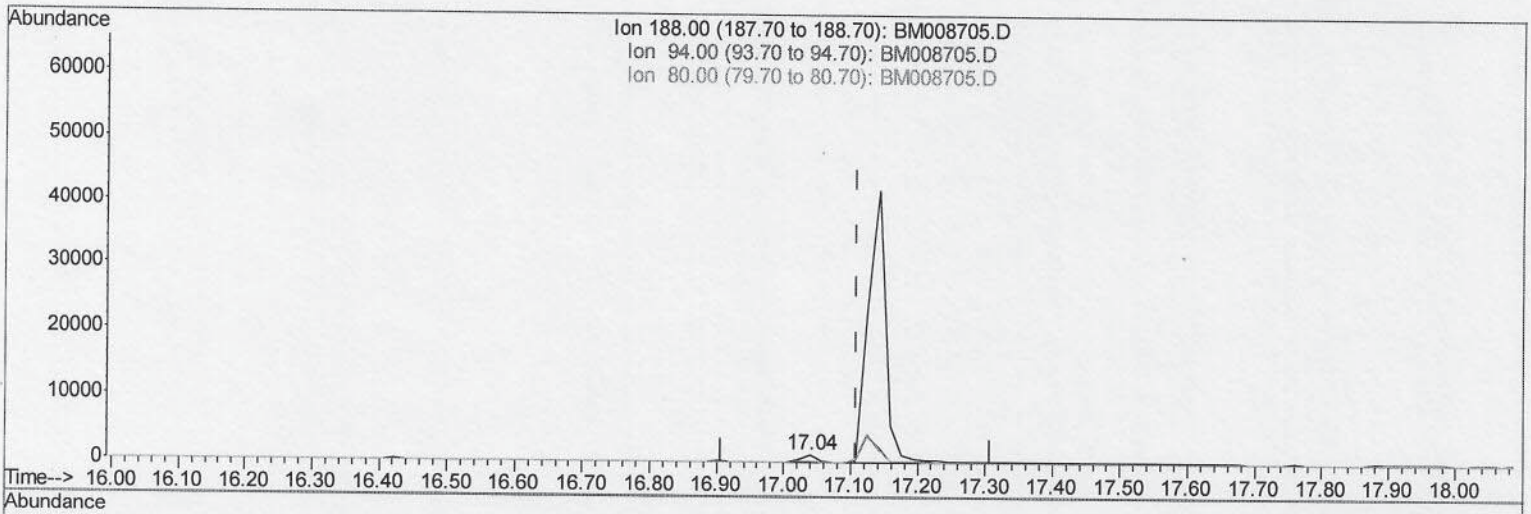
Quantification Report (Qedit)

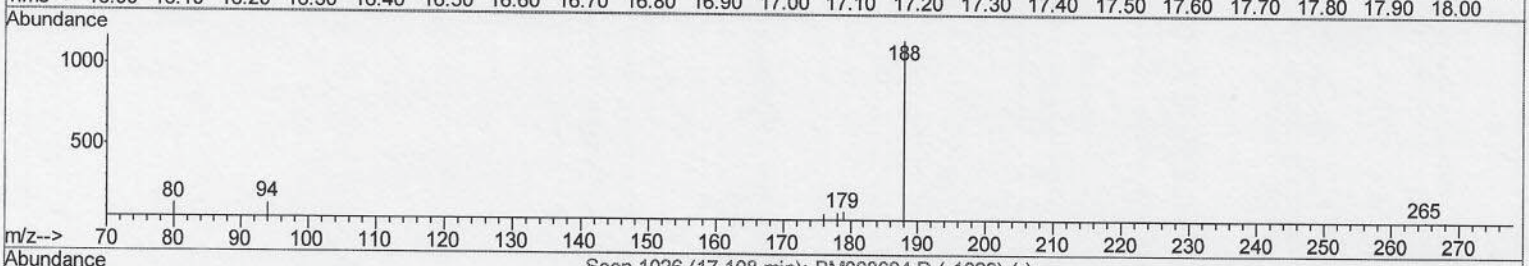
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

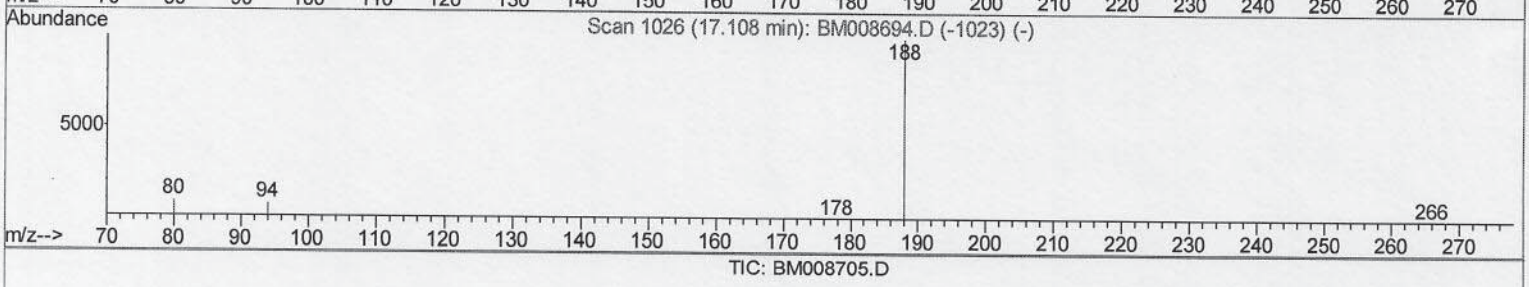
Quant Time: Dec 29 03:34:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM







TIC: BM008705.D

(10) Phenanthrene-d10 (I)

17.039min (-0.069) 0.40ng/ul m

response 1805

S.J. 12/30/16

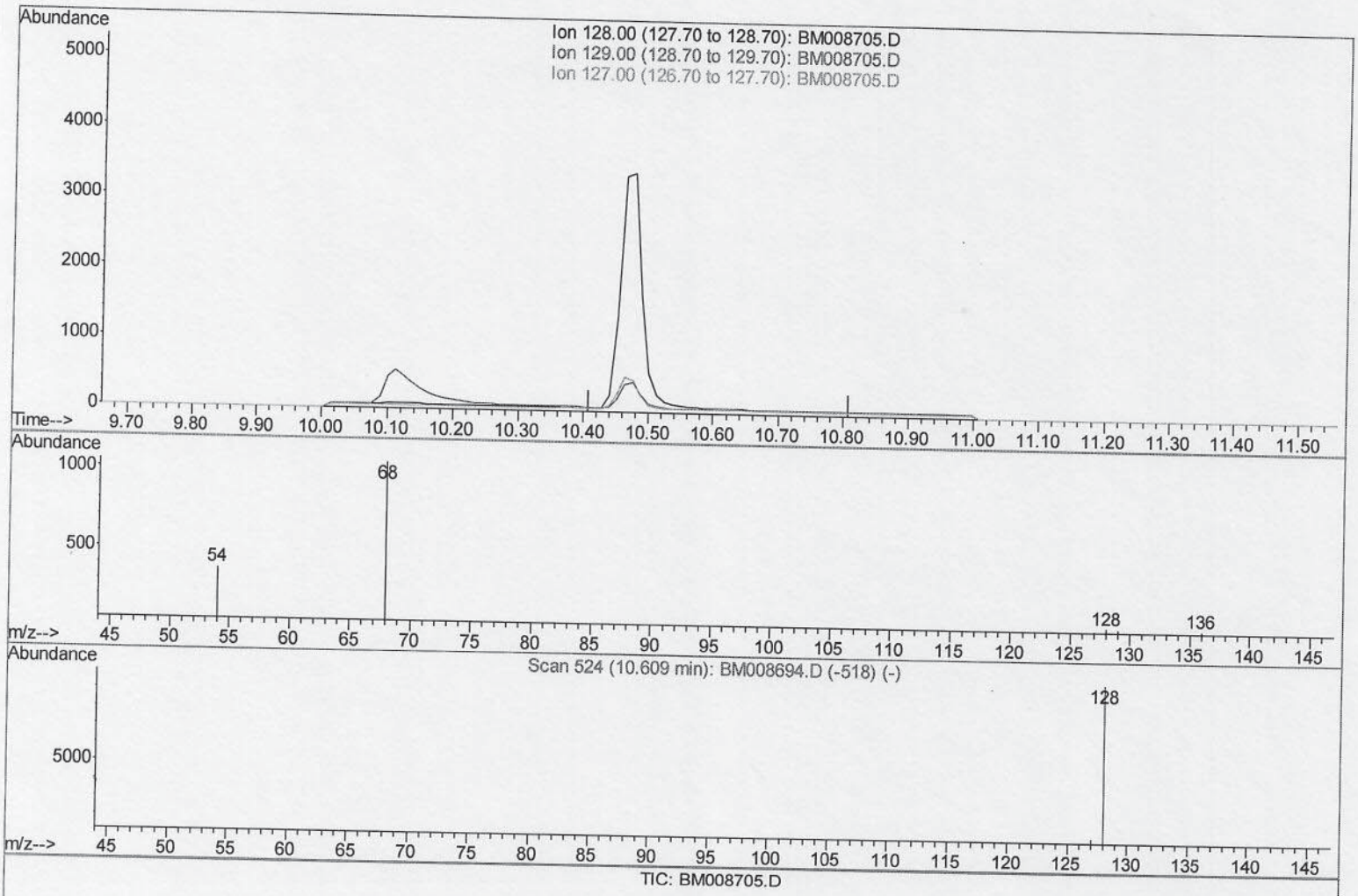
Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.58
80.00	11.80	11.32
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 04:45:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM



(3) Naphthalene

10.609min (-10.609) 0.00ng/ul

response 0

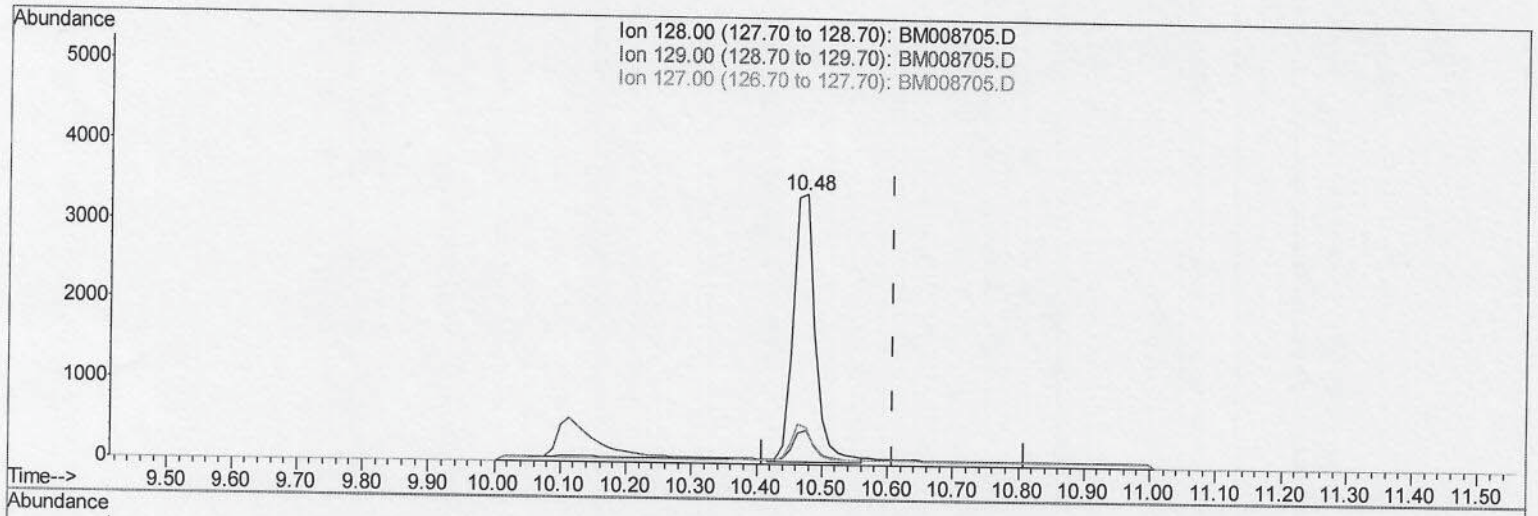
Ion	Exp%	Act%
128.00	100	0.00
129.00	14.10	0.00#
127.00	16.00	0.00#
0.00	0.00	0.00

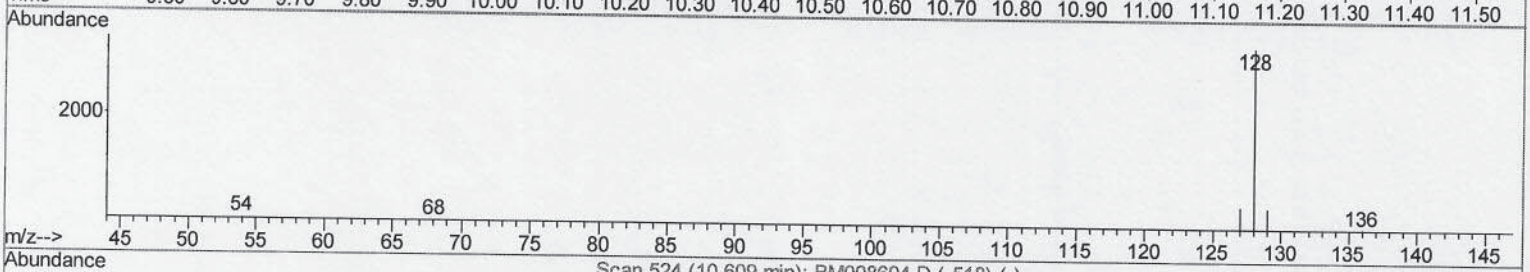
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

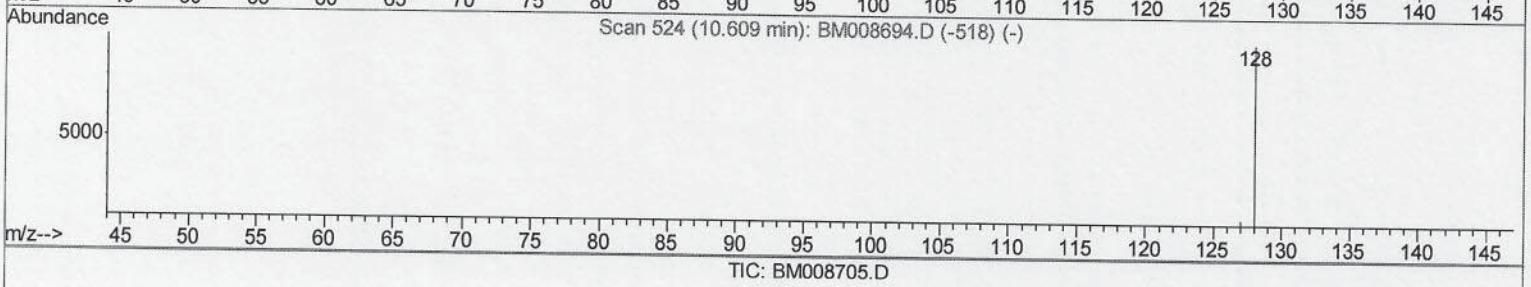
Quant Time: Dec 29 04:45:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM







TIC: BM008705.D

(3) Naphthalene

10.476min (-0.133) 2.10ng/ul m

response 7930

S.J. 12/30/16

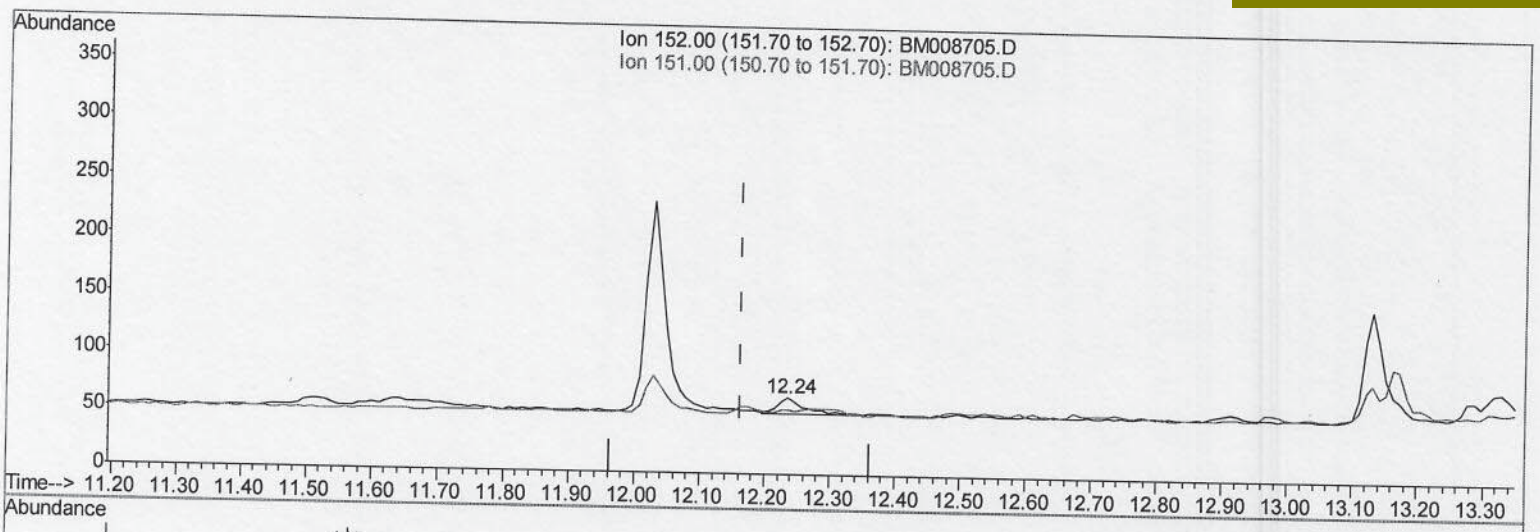
Ion	Exp%	Act%
128.00	100	100
129.00	14.10	12.96
127.00	16.00	13.79
0.00	0.00	0.00

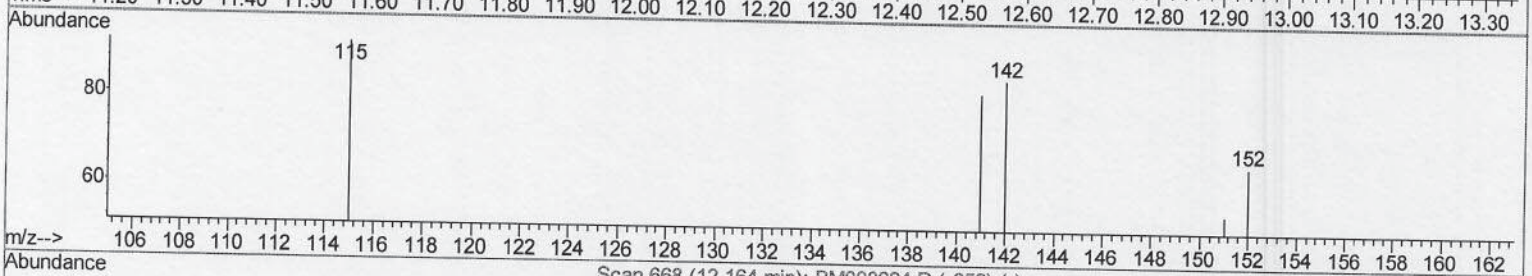
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

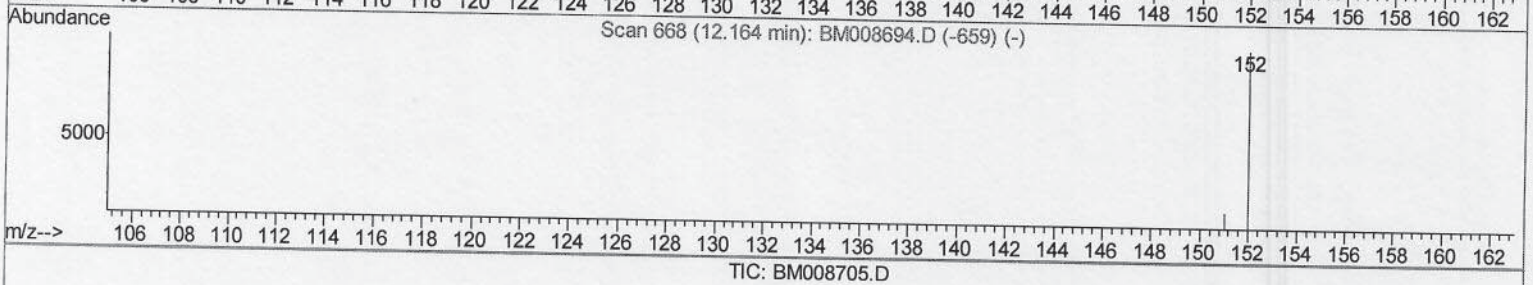
Quant Time: Dec 29 04:45:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM







TIC: BM008705.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.236min (+0.073) 0.02ng/ul

response 39

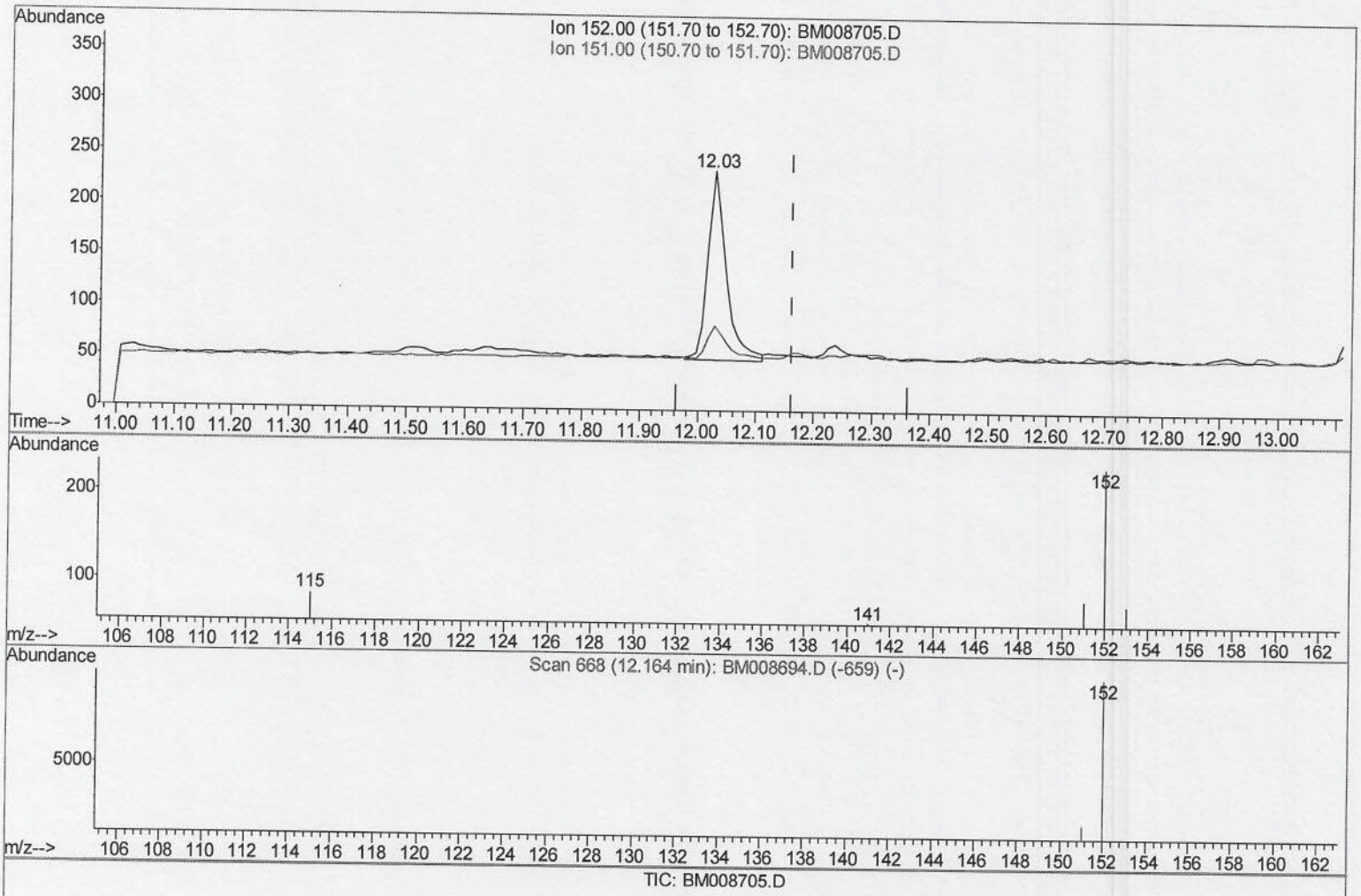
Ion	Exp%	Act%
152.00	100	100
151.00	19.30	15.38#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 04:45:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM



TIC: BM008705.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.028min (-0.135) 0.20ng/ul m

S.J. 12/30/16

response 408

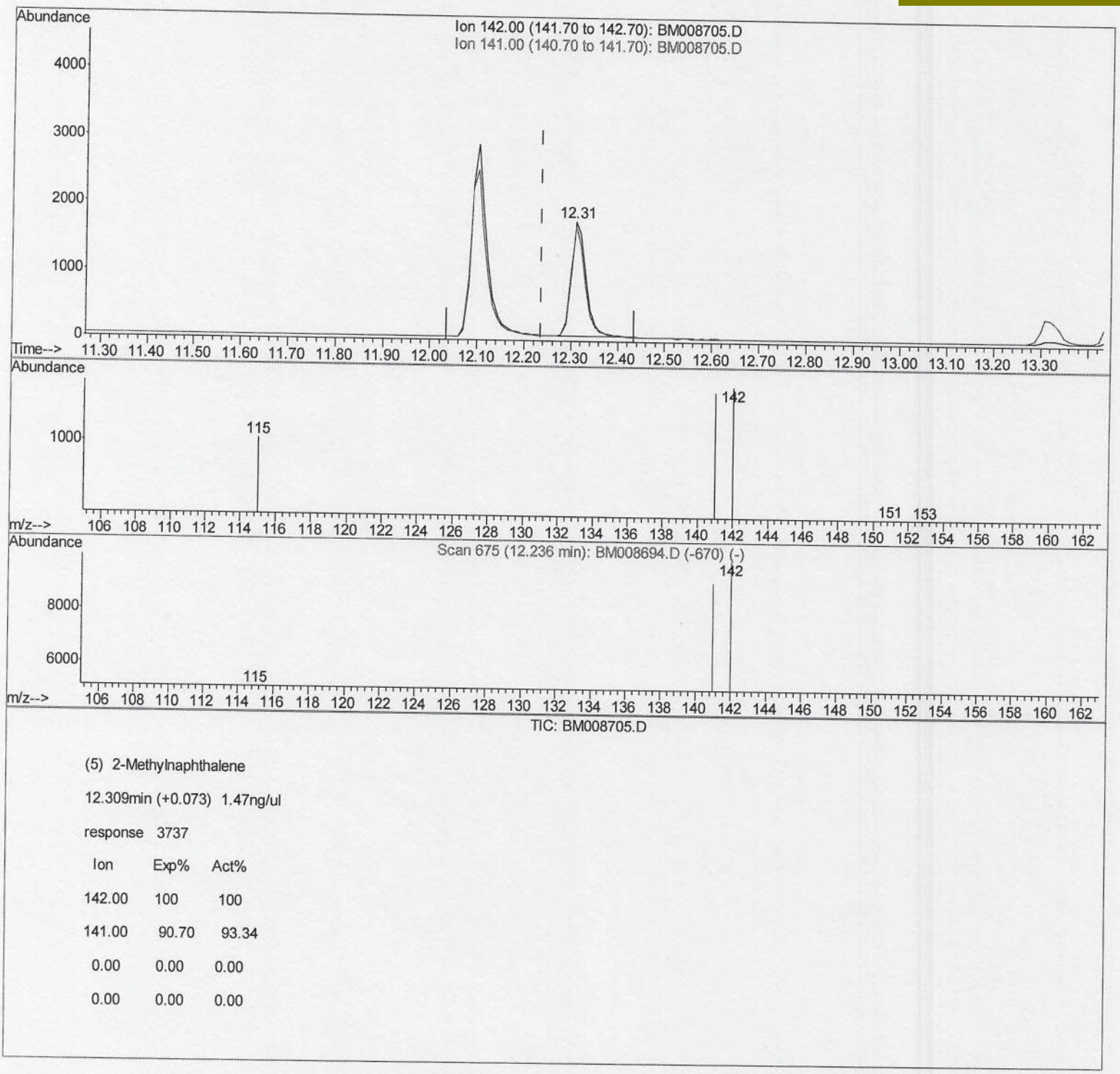
Ion	Exp%	Act%
152.00	100	100
151.00	19.30	1.47#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 04:45:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM



TIC: BM008705.D

(5) 2-Methylnaphthalene

12.309min (+0.073) 1.47ng/ul

response 3737

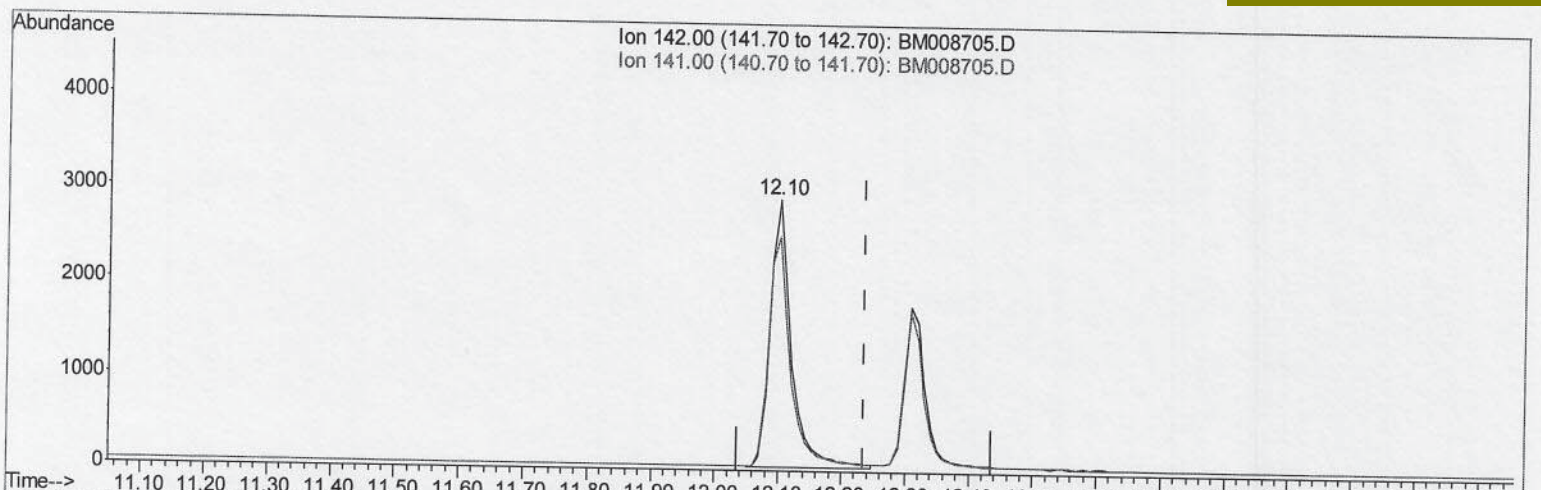
Ion	Exp%	Act%
142.00	100	100
141.00	90.70	93.34
0.00	0.00	0.00
0.00	0.00	0.00

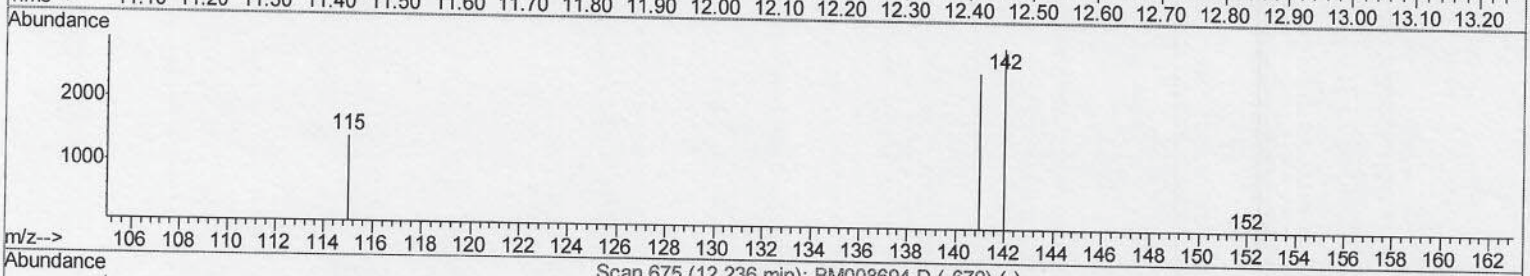
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

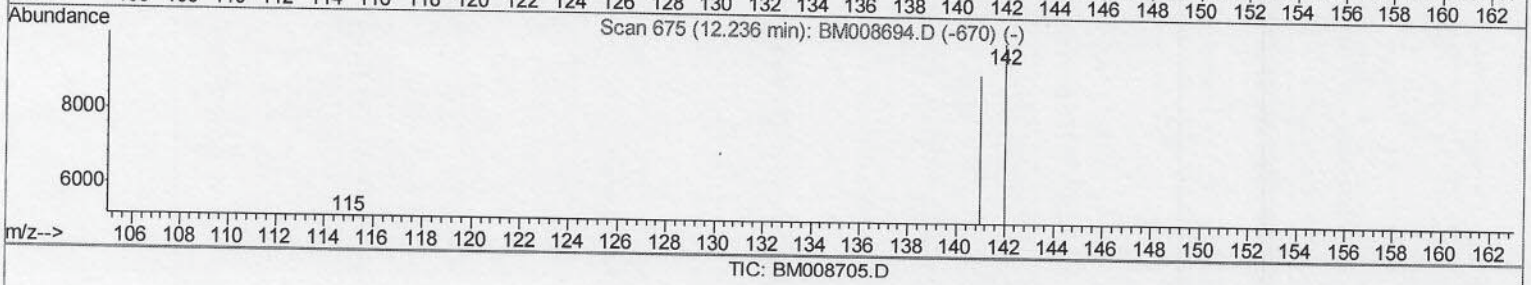
Quant Time: Dec 29 04:45:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM







TIC: BM008705.D

(5) 2-Methylnaphthalene

12.101min (-0.135) 2.68ng/ul m > S.J. 12/30/16

response 6811

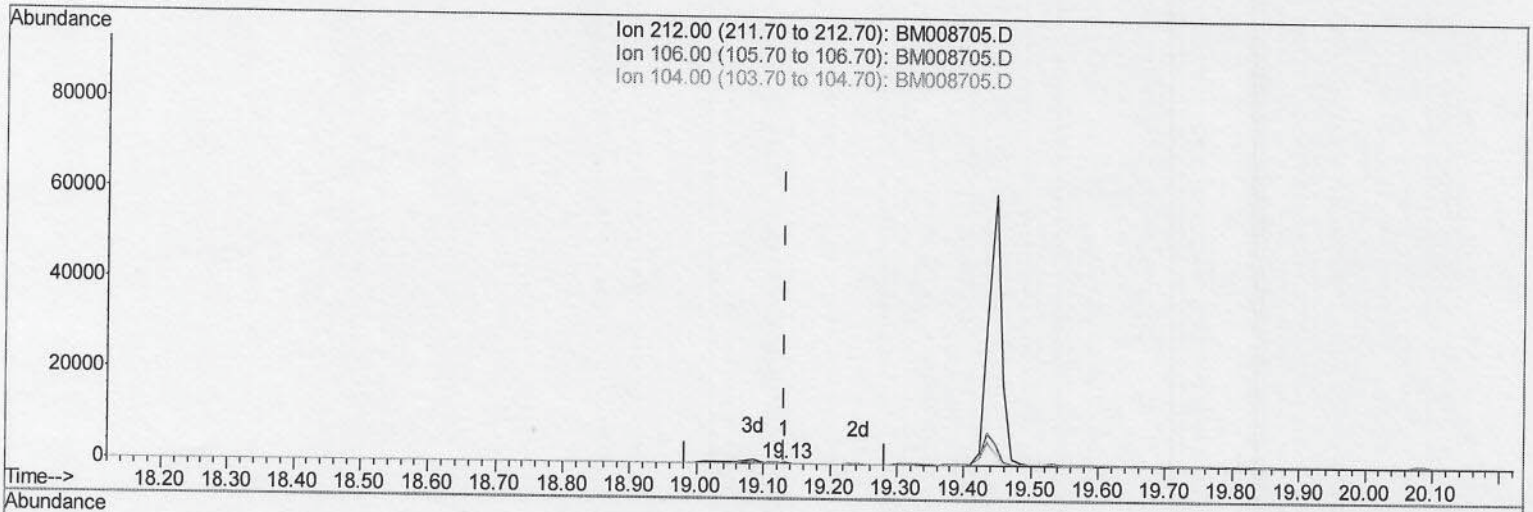
Ion	Exp%	Act%
142.00	100	100
141.00	90.70	51.21#
0.00	0.00	0.00
0.00	0.00	0.00

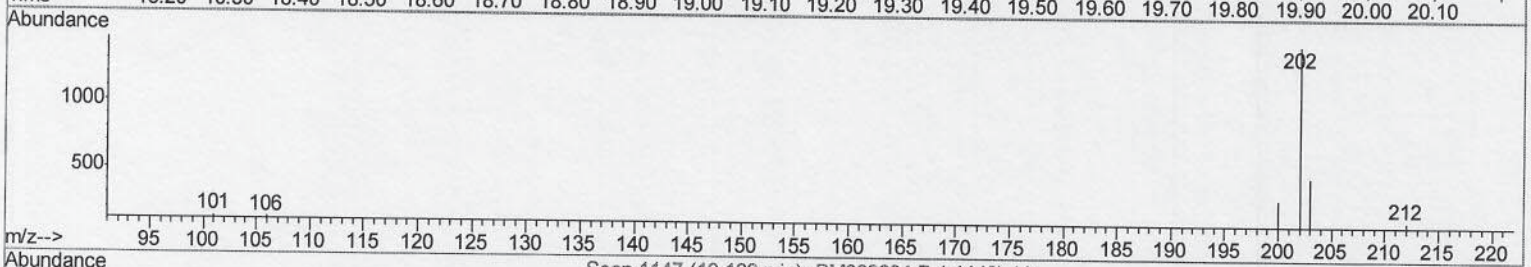
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

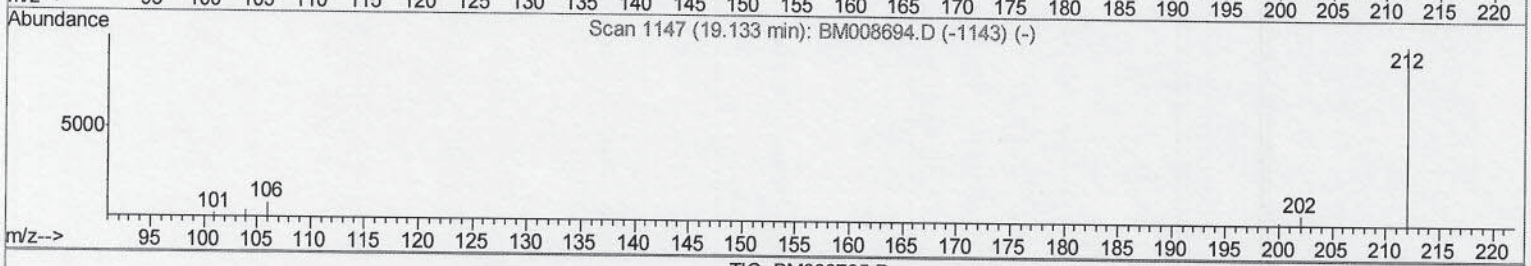
Quant Time: Dec 29 04:45:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM







TIC: BM008705.D

(14) Fluoranthene-d10 (SURR)

19.132min (-0.000) 0.03ng/ul

response 126

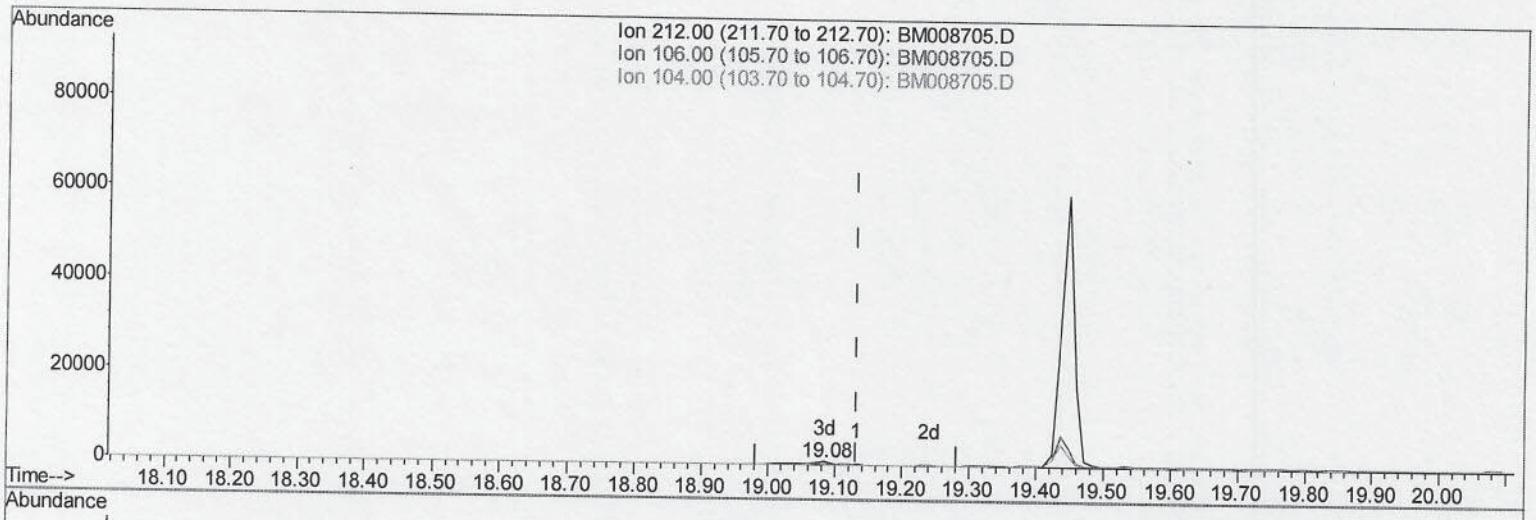
Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

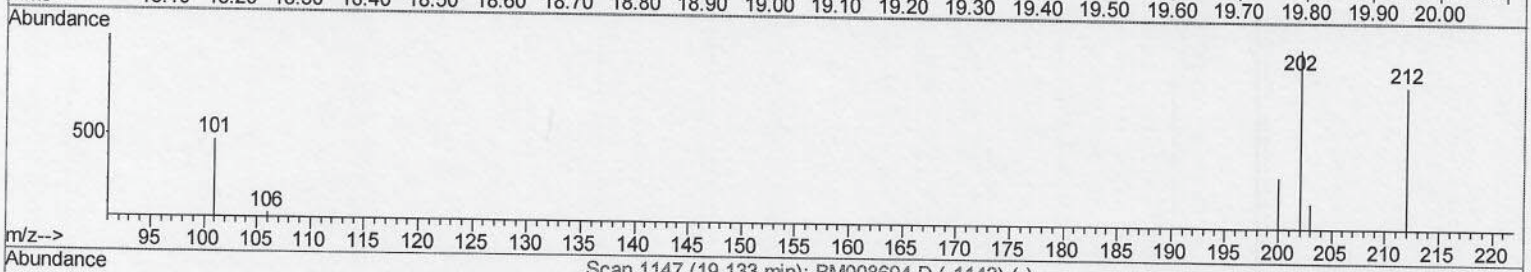
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

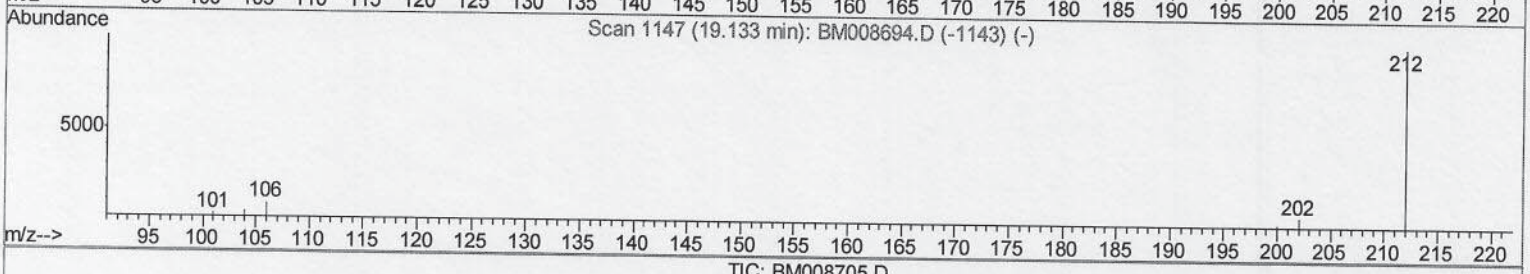
Quant Time: Dec 29 04:45:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM







TIC: BM008705.D

(14) Fluoranthene-d10 (SURR)

19.084min (-0.049) 0.26ng/ul m

S.J. 12/30/16

response 1297

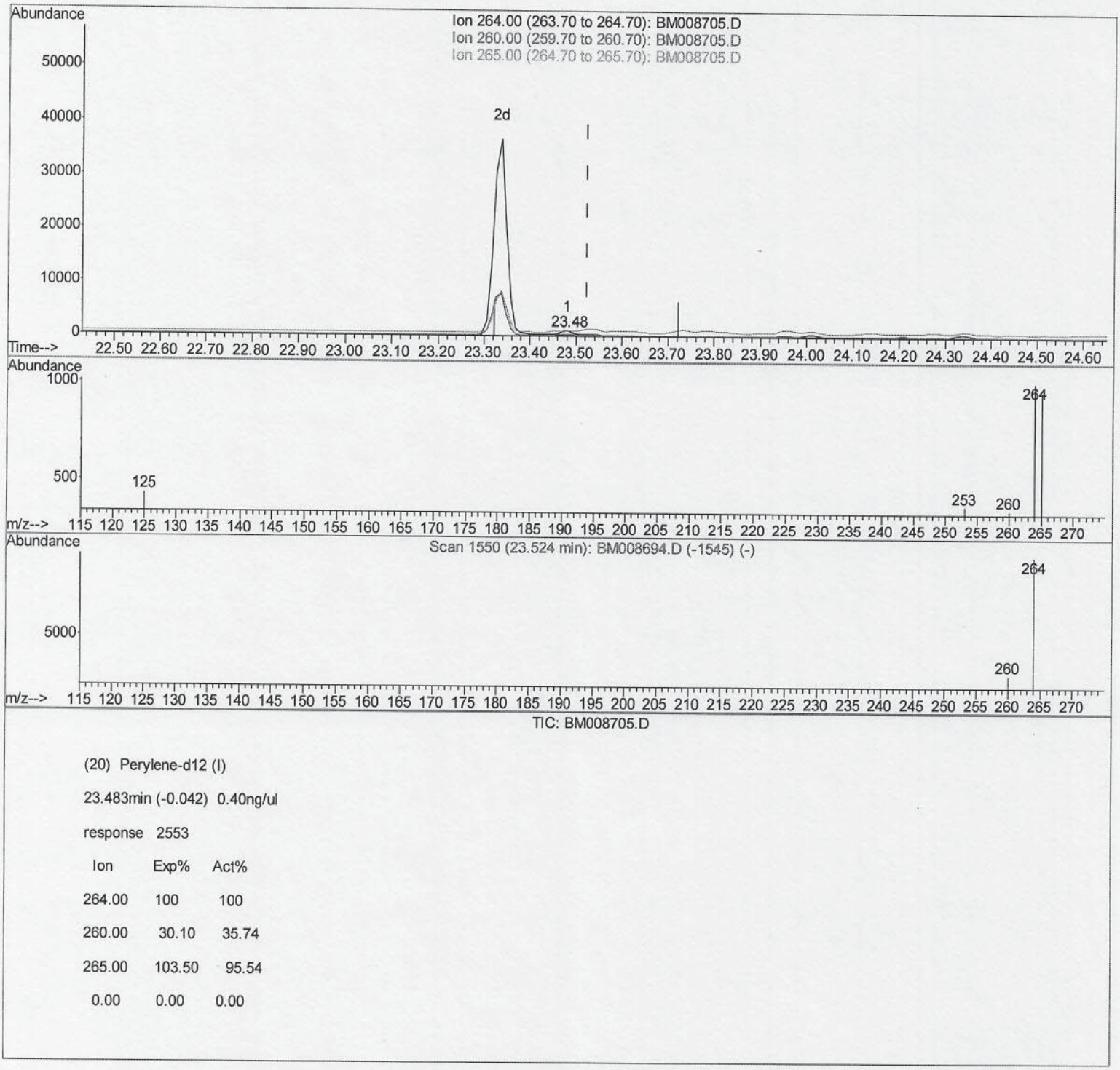
Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 04:45:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM



TIC: BM008705.D

(20) Perylene-d12 (I)

23.483min (-0.042) 0.40ng/ul

response 2553

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	35.74
265.00	103.50	95.54
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 04:45:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
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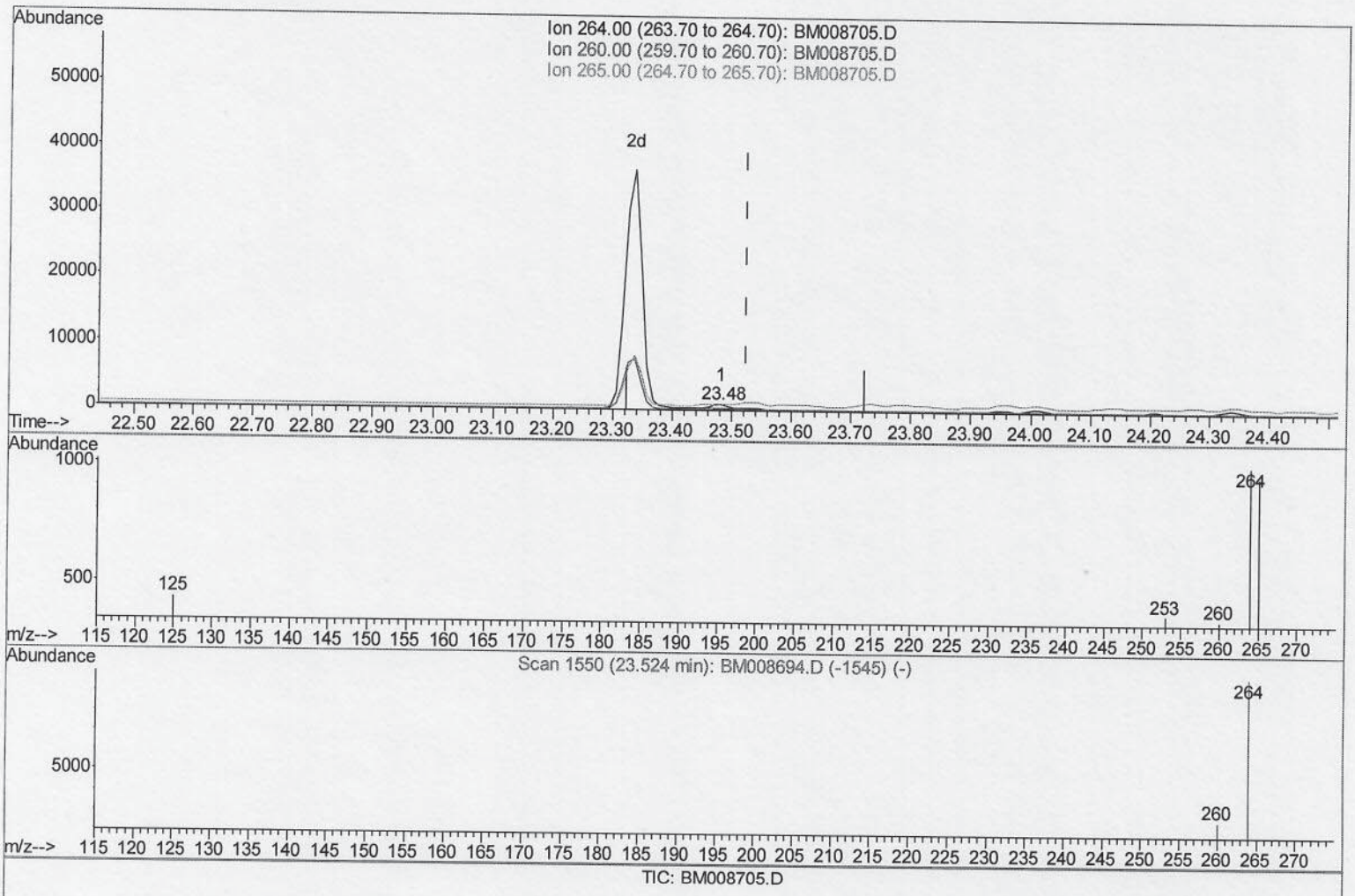

TIC: BM008705.D

(20) Perylene-d12 (I)

23.483min (-0.042) 0.40ng/ul m

S.J. 12/30/16

response 1622

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	35.74
265.00	103.50	95.54
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 04:47:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
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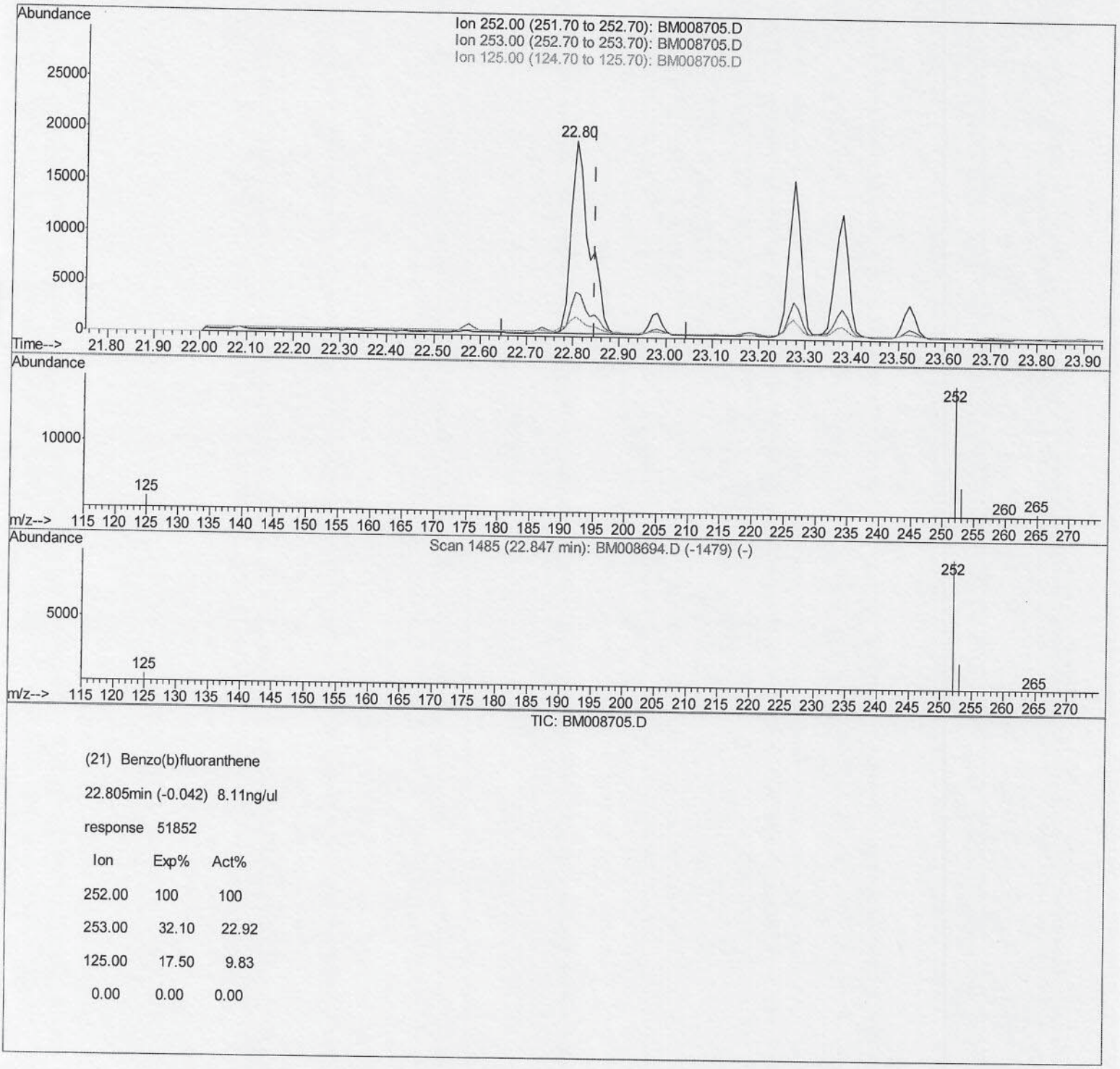


TIC: BM008705.D

(21) Benzo(b)fluoranthene

22.805min (-0.042) 8.11ng/ul

response 51852

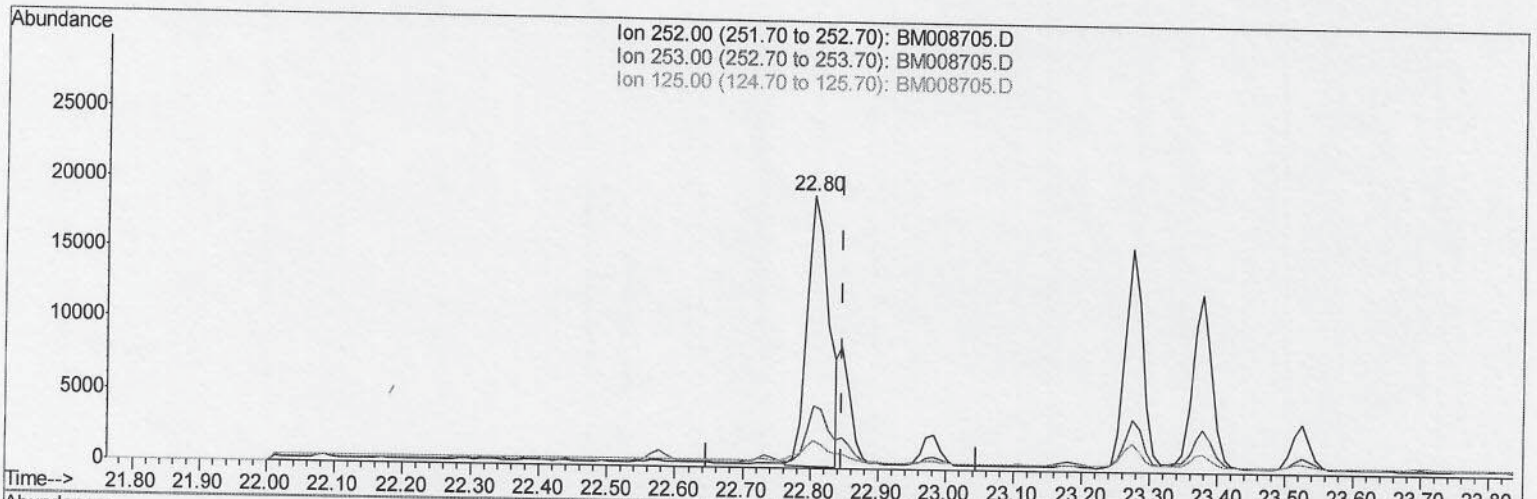
Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.92
125.00	17.50	9.83
0.00	0.00	0.00

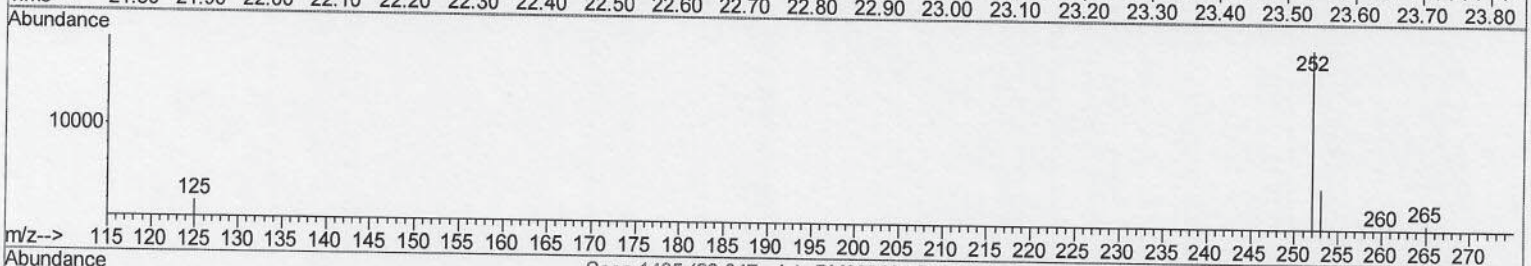
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

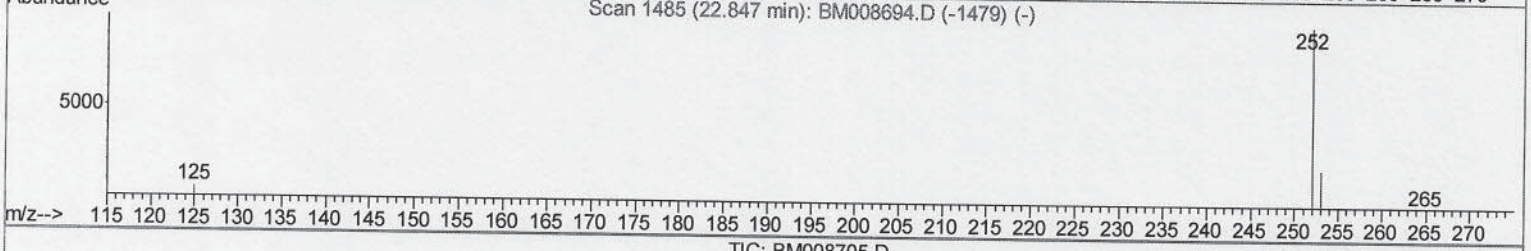
Quant Time: Dec 29 04:47:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM







TIC: BM008705.D

(21) Benzo(b)fluoranthene

22.805min (-0.042) 6.73ng/ul m

S.J. 12/30/16

response 43024

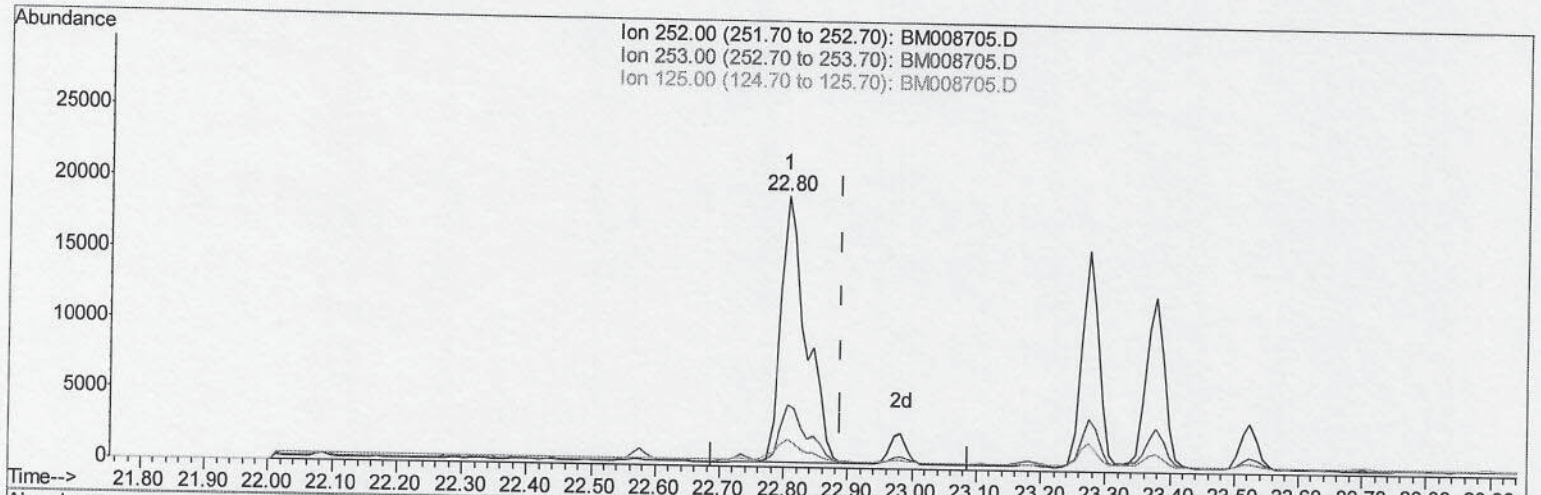
Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.92
125.00	17.50	9.83
0.00	0.00	0.00

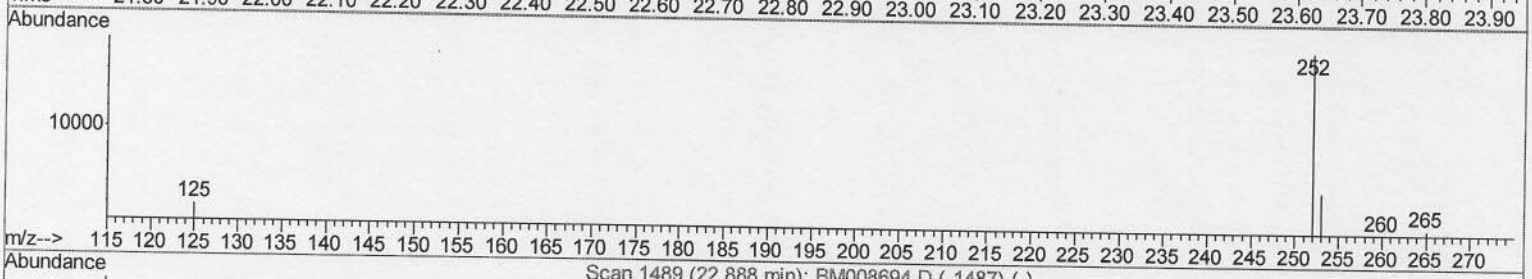
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

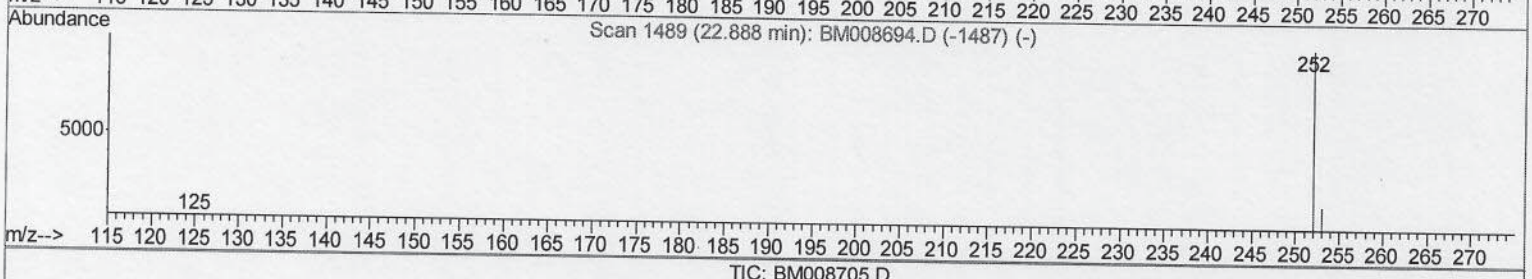
Quant Time: Dec 29 04:47:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM







TIC: BM008705.D

(22) Benzo(k)fluoranthene

22.805min (-0.084) 8.32ng/ul

response 51852

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.92#
125.00	17.10	9.83#
0.00	0.00	0.00

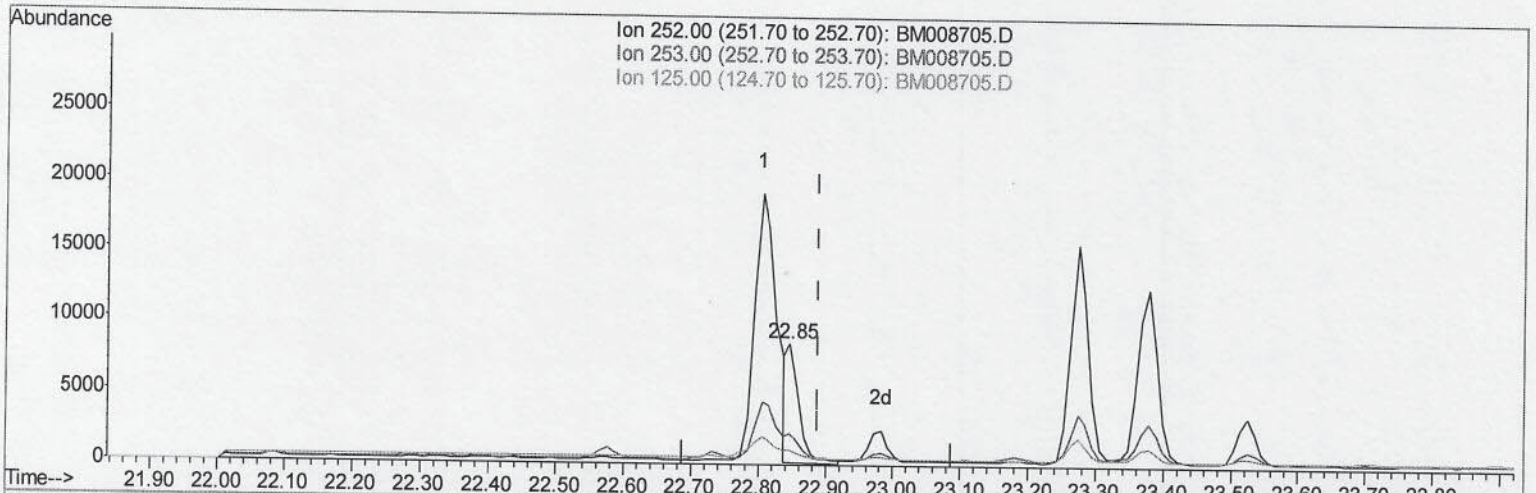
Quantitation Report (Qedit)

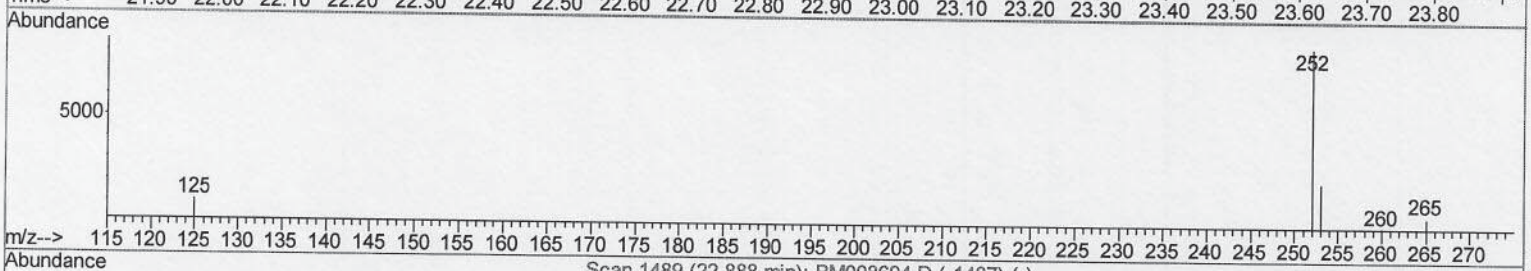
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

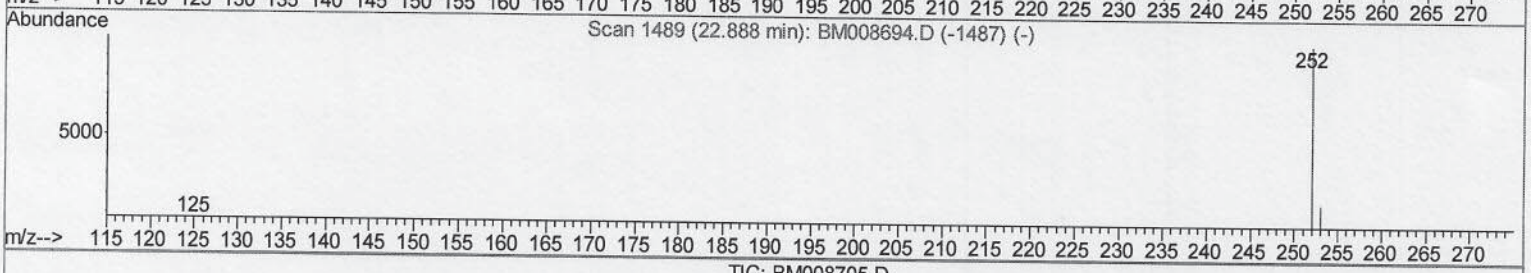
Quant Time: Dec 29 04:47:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM







TIC: BM008705.D

(22) Benzo(k)fluoranthene

22.847min (-0.042) 1.72ng/ul m

S.J. 12/30/16

response 10718

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.86
125.00	17.10	12.30#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 04:47:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
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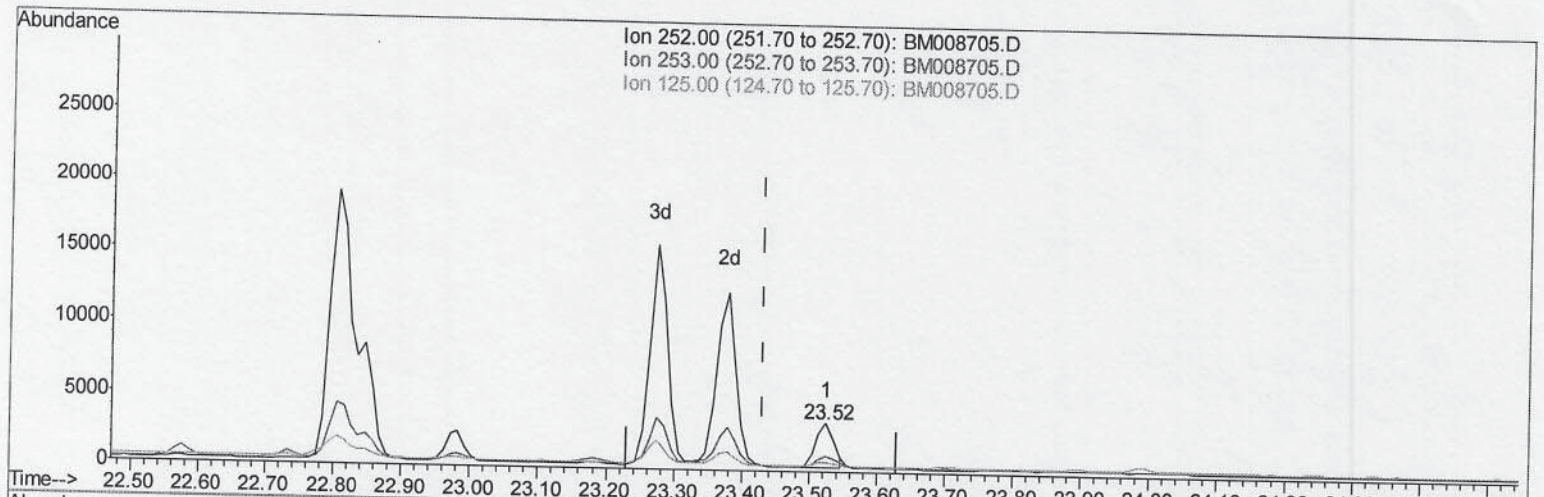
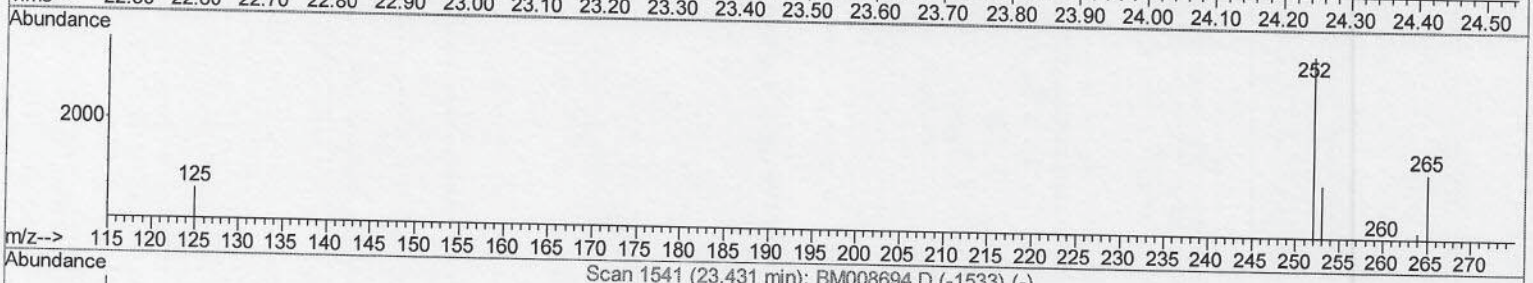
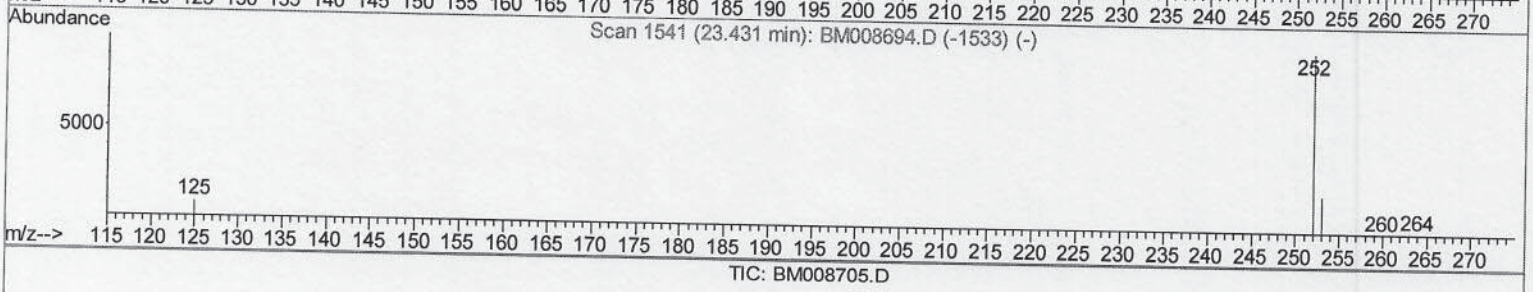






TIC: BM008705.D

(23) Benzo(a)pyrene (C)

23.524min (+0.094) 0.99ng/ul

response 5862

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	32.05
125.00	22.60	21.34
0.00	0.00	0.00

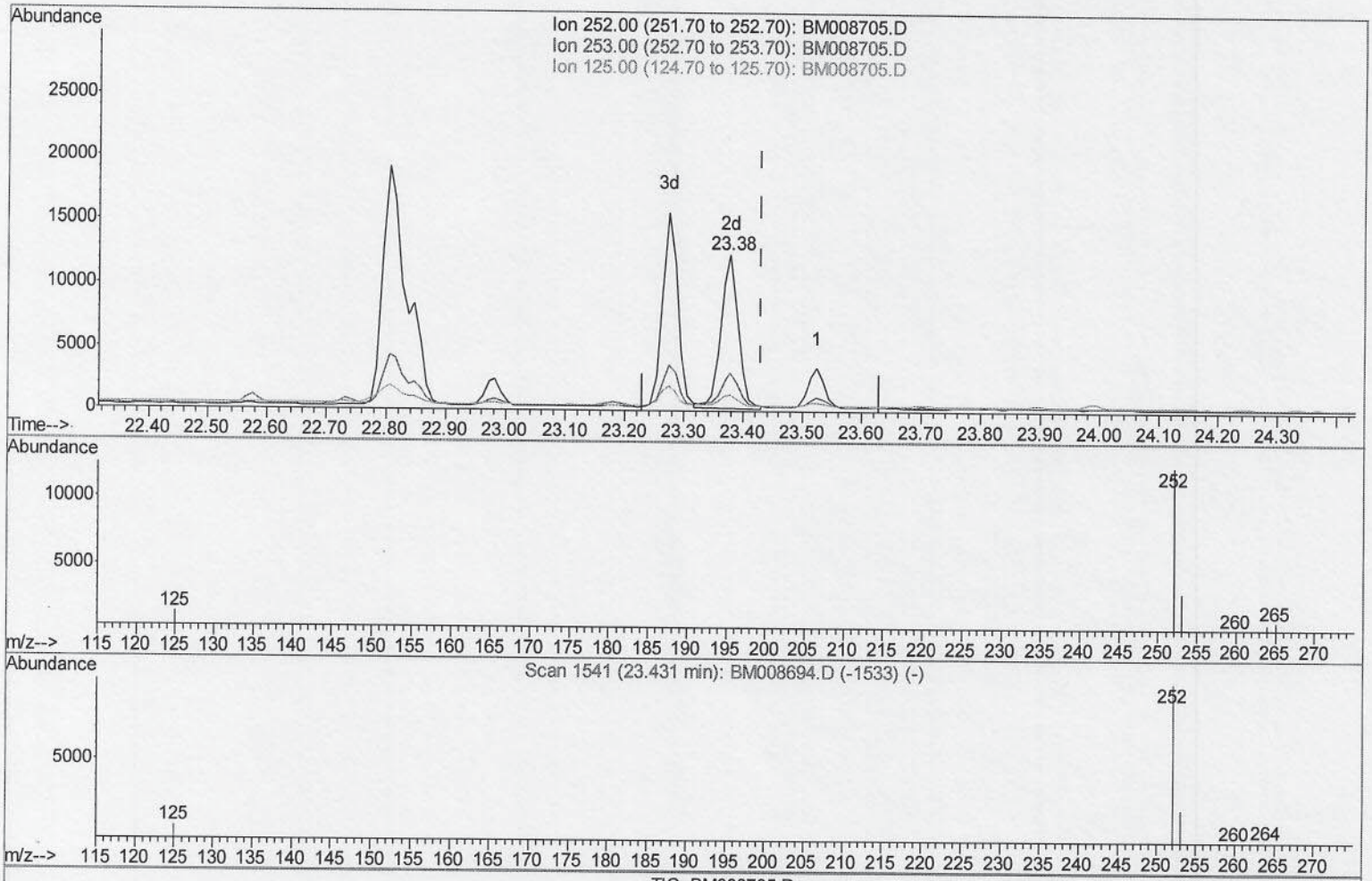
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 04:47:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM



TIC: BM008705.D

(23) Benzo(a)pyrene (C)

23.378min (-0.052) 4.26ng/ul m

response 25224

S.J. 12/30/16

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.37#
125.00	22.60	10.57#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM

Quant Time: Dec 29 04:48:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.65	152	407m	0.40	ng/ul	-0.17	S.J. 12/30/16
2) Naphthalene-d8	10.43	136	1340m	0.40	ng/ul	-0.13	
6) Acenaphthene-d10	14.28	164	837	0.40	ng/ul	-0.07	
10) Phenanthrene-d10	17.04	188	1805m	0.40	ng/ul	-0.07	S.J. 12/30/16
16) Chrysene-d12	21.25	240	1660	0.40	ng/ul	-0.03	
20) Perylene-d12	23.48	264	1622m	0.40	ng/ul	-0.04	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	12.03	152	408m	0.20	ng/ul	-0.14	
14) Fluoranthene-d10	19.08	212	1297m	0.26	ng/ul	-0.05	
Target Compounds						Qvalue	
3) Naphthalene	10.48	128	7930m	2.10	ng/ul		S.J 12/30/16
5) 2-Methylnaphthalene	12.10	142	6811m	2.68	ng/ul		
7) Acenaphthylene	14.01	152	1095	0.29	ng/ul#	84	
8) Acenaphthene	14.33	153	914	0.32	ng/ul#	85	
9) Fluorene	15.34	166	1410	0.43	ng/ul#	84	
12) Phenanthrene	17.07	178	30041	5.45	ng/ul	95	
13) Anthracene	17.18	178	4602	0.86	ng/ul#	93	
15) Fluoranthene	19.11	202	43722	6.47	ng/ul	94	
17) Pyrene	19.47	202	47022	7.33	ng/ul	96	
18) Benzo(a)anthracene	21.23	228	25751	4.72	ng/ul	96	
19) Chrysene	21.28	228	26901	4.51	ng/ul	97	
21) Benzo(b)fluoranthene	22.80	252	43024m	6.73	ng/ul		S.J. 12/30/16
22) Benzo(k)fluoranthene	22.85	252	10718m	1.72	ng/ul		
23) Benzo(a)pyrene	23.38	252	25224m	4.26	ng/ul		
24) Indeno(1,2,3-cd)pyrene	25.71	276	18669	2.64	ng/ul#	88	
25) Dibenzo(a,h)anthracene	25.70	278	5371	0.95	ng/ul	95	
26) Benzo(g,h,i)perylene	26.40	276	26364	4.36	ng/ul#	89	

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

(QA Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
Acq On : 28 Dec 2016 22:09
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 04:48:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
mohammad
12/30/2016 8:53:57 AM