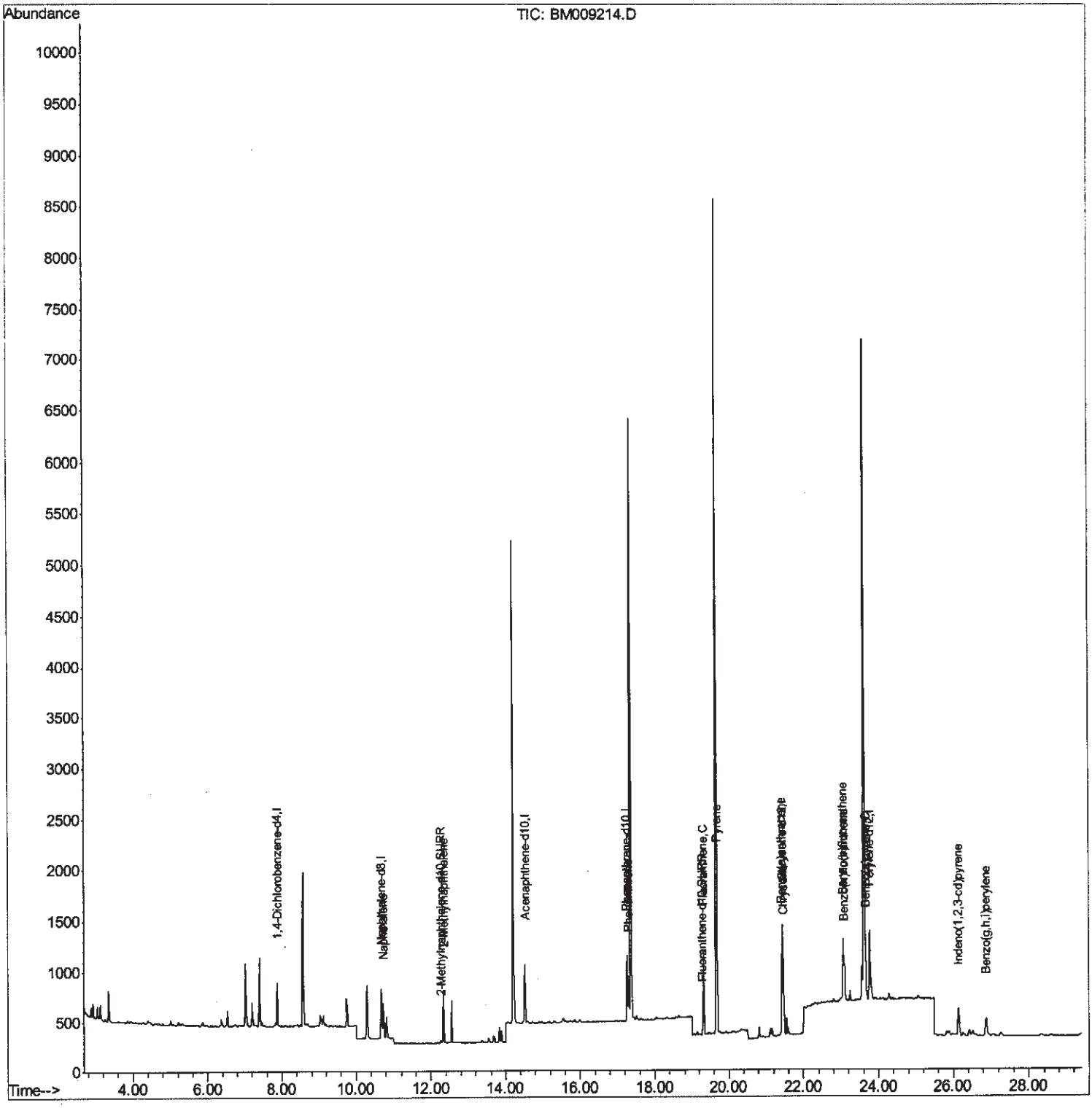
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
Data File : BM009214.D
Acq On : 11 Mar 2017 18:53
Operator : SJ/MA
Sample : I2072-08DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:20:52 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
mohammad
3/13/2017 5:14:07 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
Data File : BM009214.D
Acq On : 11 Mar 2017 18:53
Operator : SJ/MA
Sample : I2072-08DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:18:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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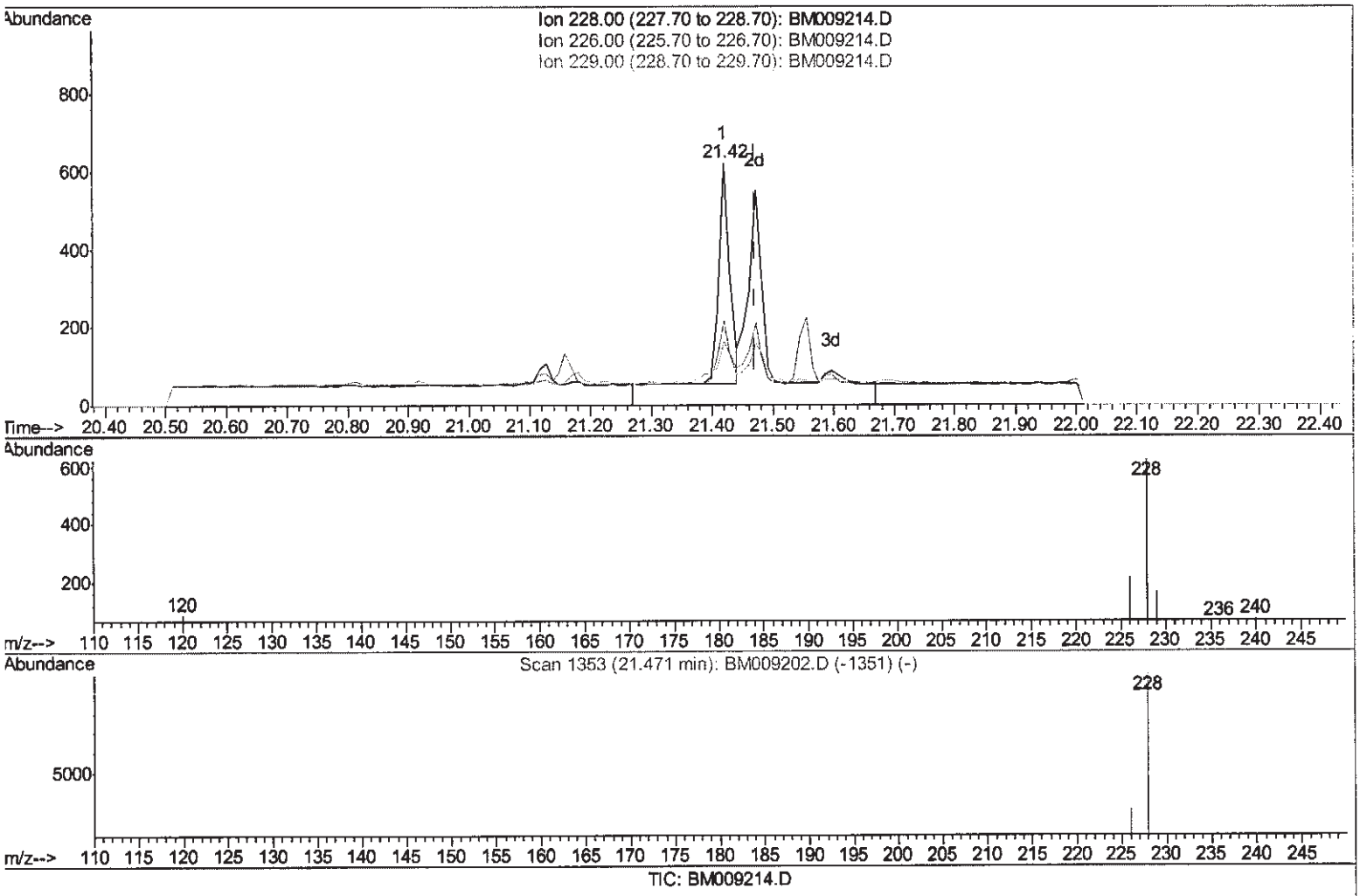

TIC: BM009214.D

(19) Chrysene

21.419min (-0.052) 0.25ng/ul

response 720

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	34.57
229.00	22.10	26.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
Data File : BM009214.D
Acq On : 11 Mar 2017 18:53
Operator : SJ/MA
Sample : I2072-08DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:18:31 2017
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Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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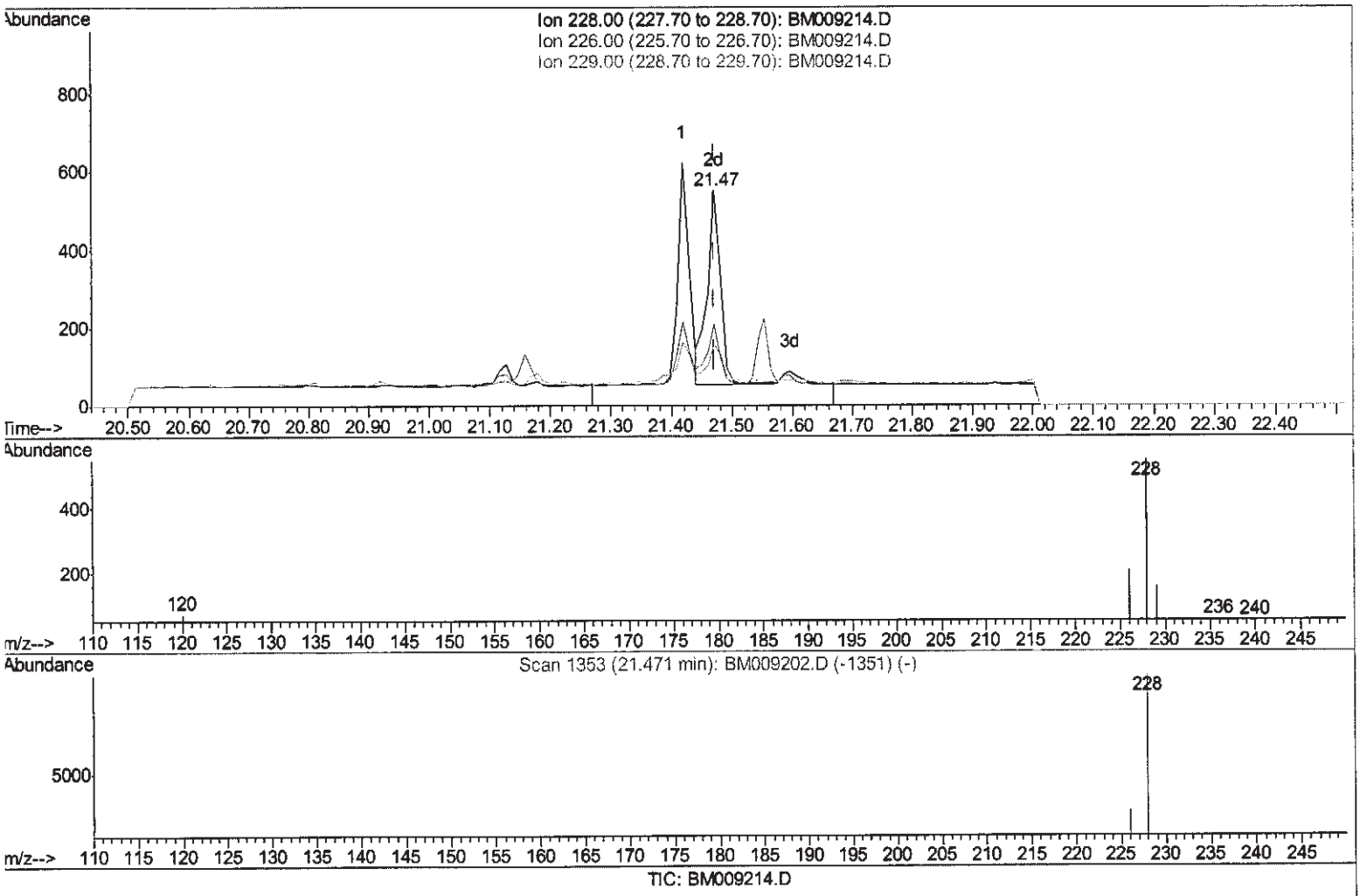

TIC: BM009214.D

(19) Chrysene

21.471min (-0.000) 0.26ng/ul m SJ 3/16/17

response 752

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	38.00#
229.00	22.10	28.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
Data File : BM009214.D
Acq On : 11 Mar 2017 18:53
Operator : SJ/MA
Sample : I2072-08DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:18:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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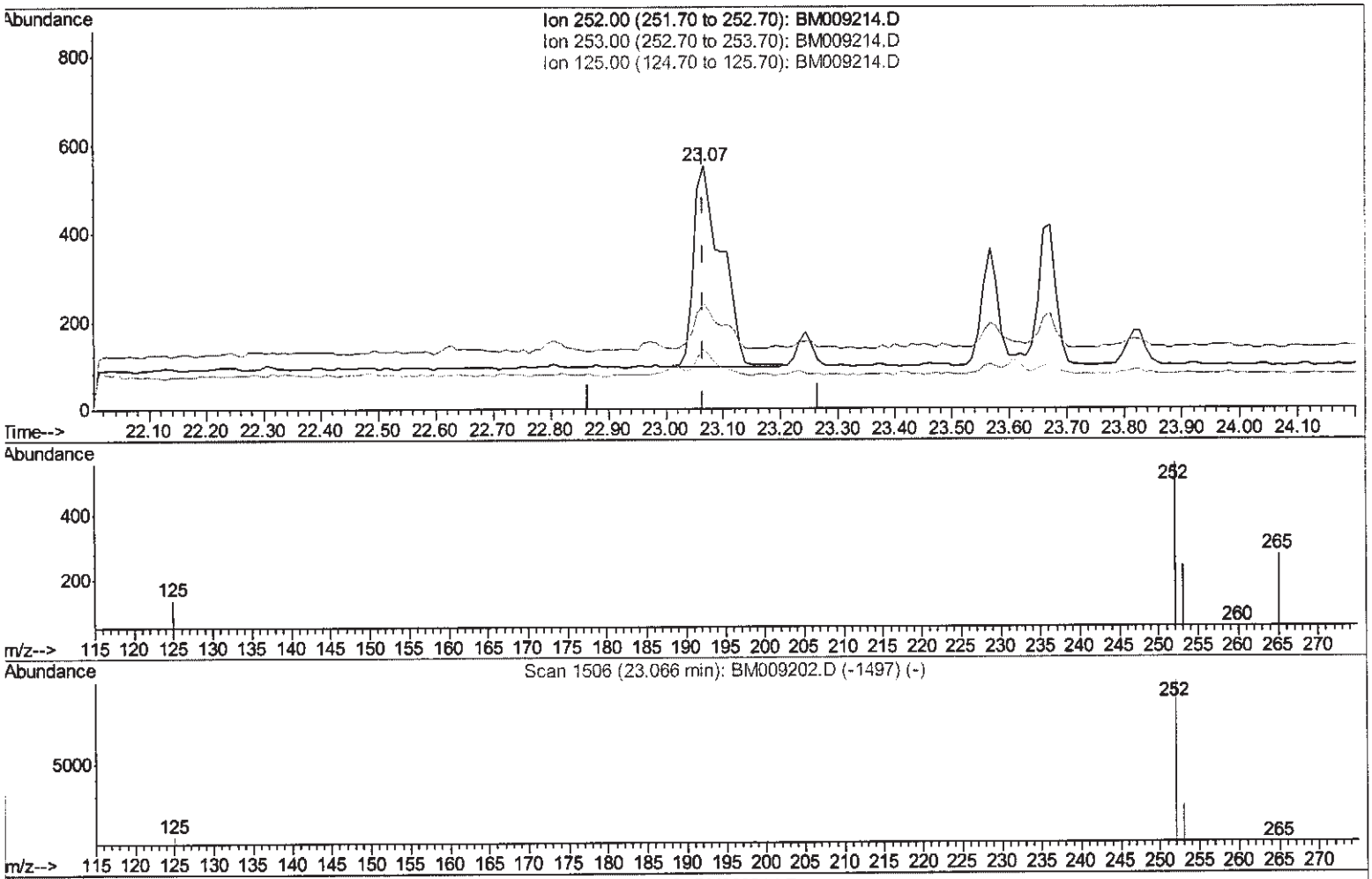

TIC: BM009214.D

(21) Benzo(b)fluoranthene

23.065min (-0.000) 0.40ng/ul

response 1531

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	43.32
125.00	17.50	24.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
Data File : BM009214.D
Acq On : 11 Mar 2017 18:53
Operator : SJ/MA
Sample : I2072-08DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:18:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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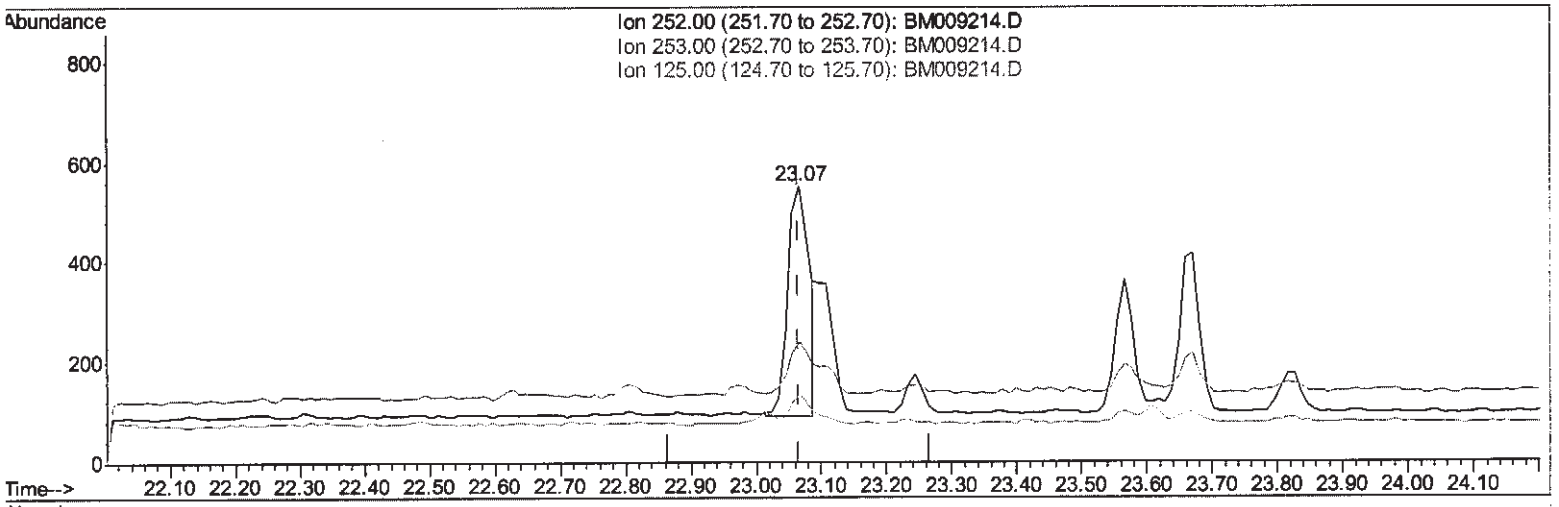

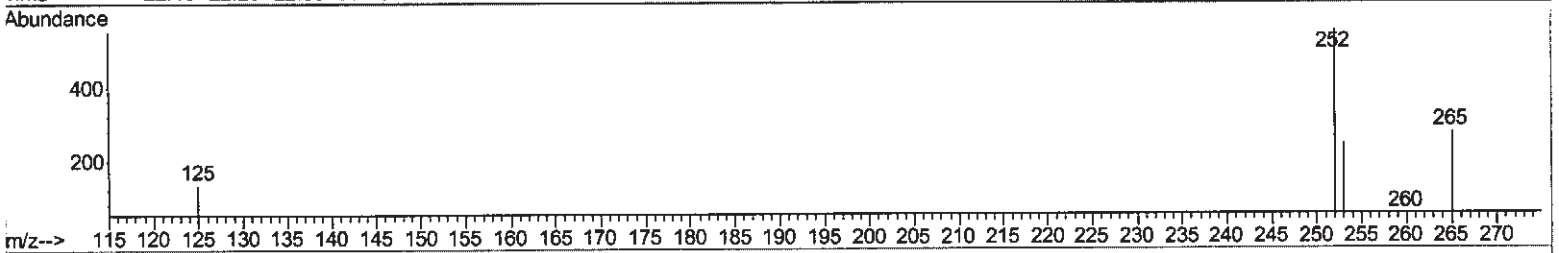

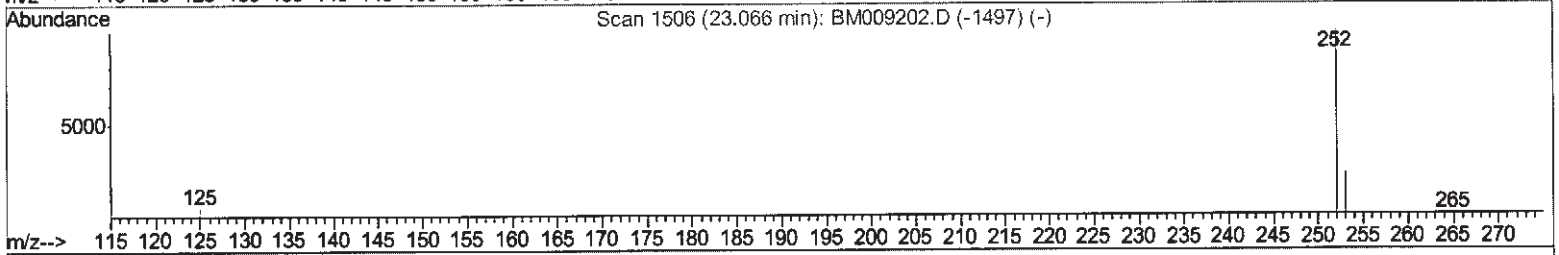

TIC: BM009214.D

(21) Benzo(b)fluoranthene

23.065min (-0.000) 0.28ng/ul m SJ 3/16/17

response 1077

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	43.32
125.00	17.50	24.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
Data File : BM009214.D
Acq On : 11 Mar 2017 18:53
Operator : SJ/MA
Sample : I2072-08DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:18:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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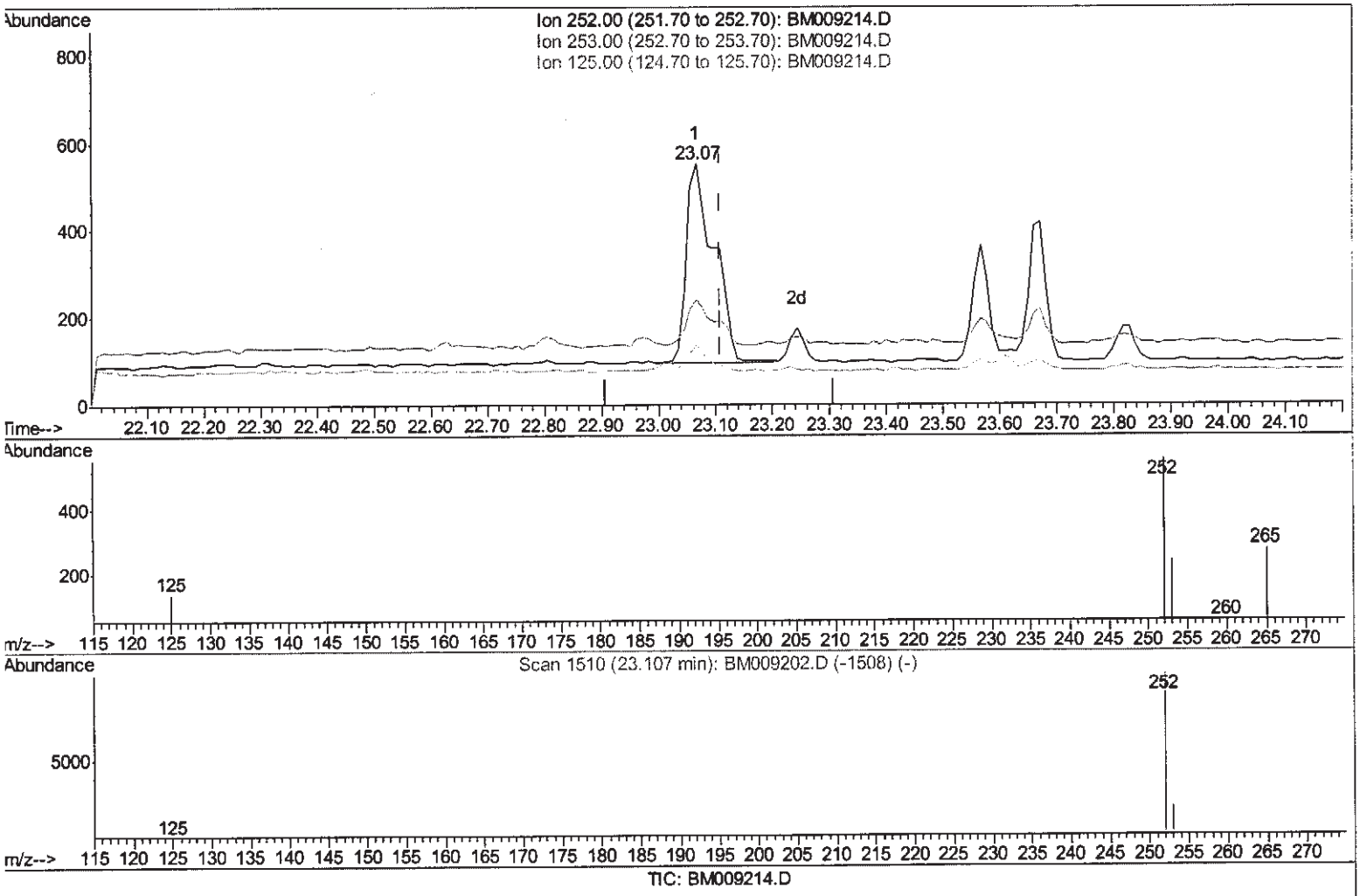

TIC: BM009214.D

(22) Benzo(k)fluoranthene

23.065min (-0.042) 0.46ng/ul

response 1525

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	43.32#
125.00	17.10	24.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
Data File : BM009214.D
Acq On : 11 Mar 2017 18:53
Operator : SJ/MA
Sample : I2072-08DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:18:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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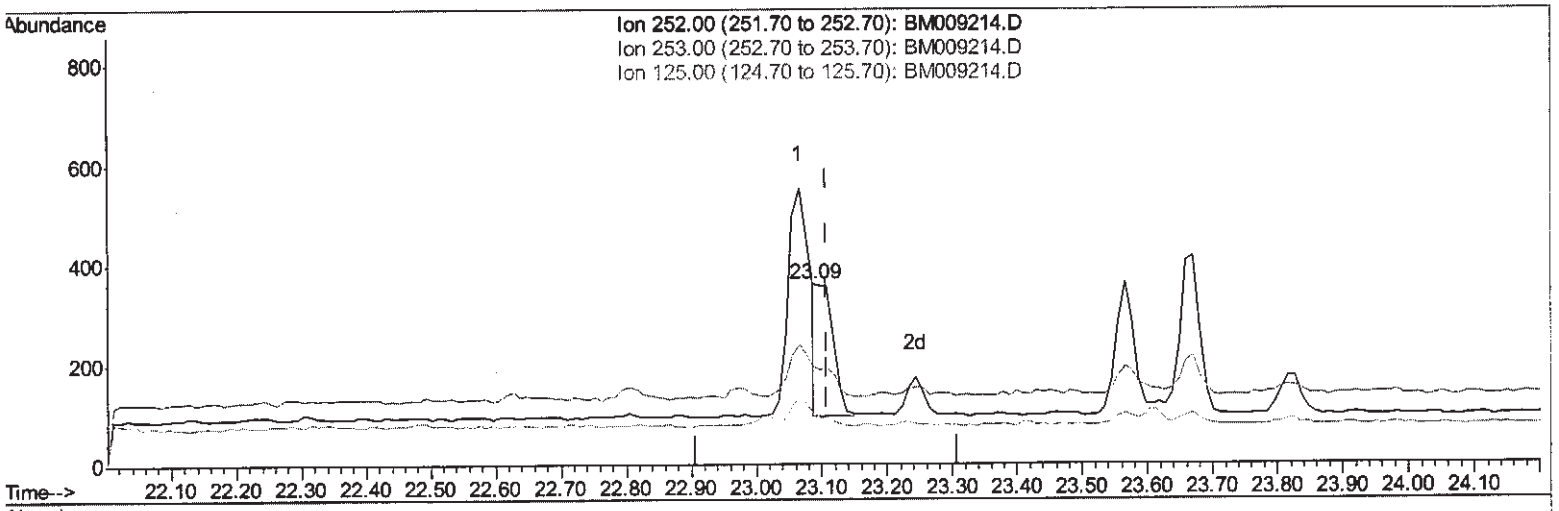
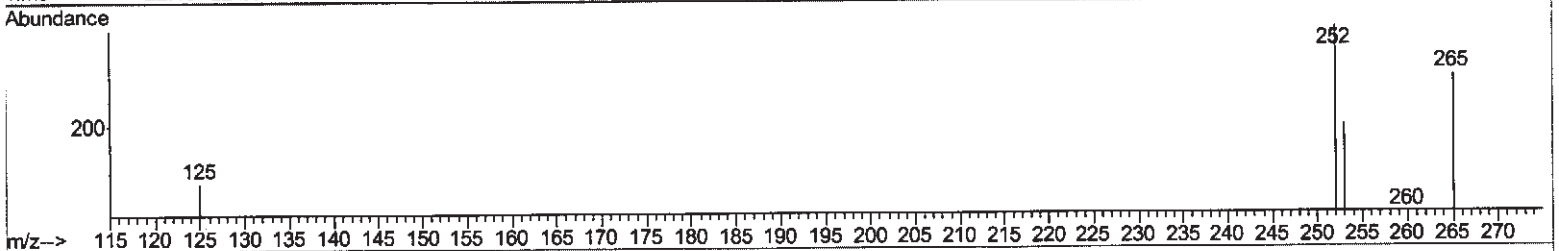
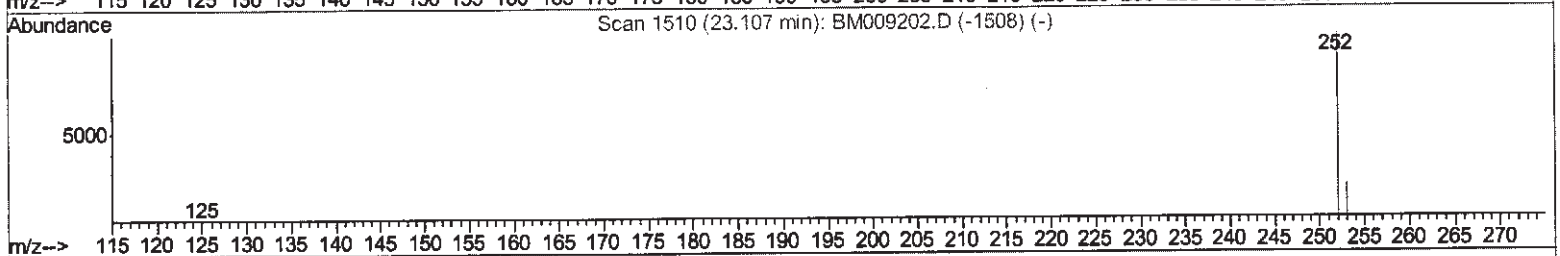
3/13/2017 5:14:07 PM







TIC: BM009214.D

(22) Benzo(k)fluoranthene

23.086min (-0.021) 0.14ng/ul m SJ 3/16/17

response 461

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	54.14#
125.00	17.10	28.73#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
Data File : BM009214.D
Acq On : 11 Mar 2017 18:53
Operator : SJ/MA
Sample : I2072-08DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:20:52 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AK3DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	212	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	659	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	362	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	818	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	928	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	964	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	44	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	116	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	499	0.26	ng/ul#	78
5) 2-Methylnaphthalene	12.34	142	388	0.28	ng/ul	98
12) Phenanthrene	17.30	178	528	0.21	ng/ul#	79
15) Fluoranthene	19.31	202	906	0.27	ng/ul	91
17) Pyrene	19.68	202	1034	0.32	ng/ul#	87
18) Benzo(a)anthracene	21.42	228	720	0.23	ng/ul#	89
19) Chrysene	21.47	228	752m	0.26	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	1077m	0.28	ng/ul	
22) Benzo(k)fluoranthene	23.09	252	461m	0.14	ng/ul	
23) Benzo(a)pyrene	23.67	252	687	0.20	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.14	276	488	0.11	ng/ul#	86
26) Benzo(g,h,i)perylene	26.88	276	443	0.12	ng/ul#	70

SJ 3/16/17

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