

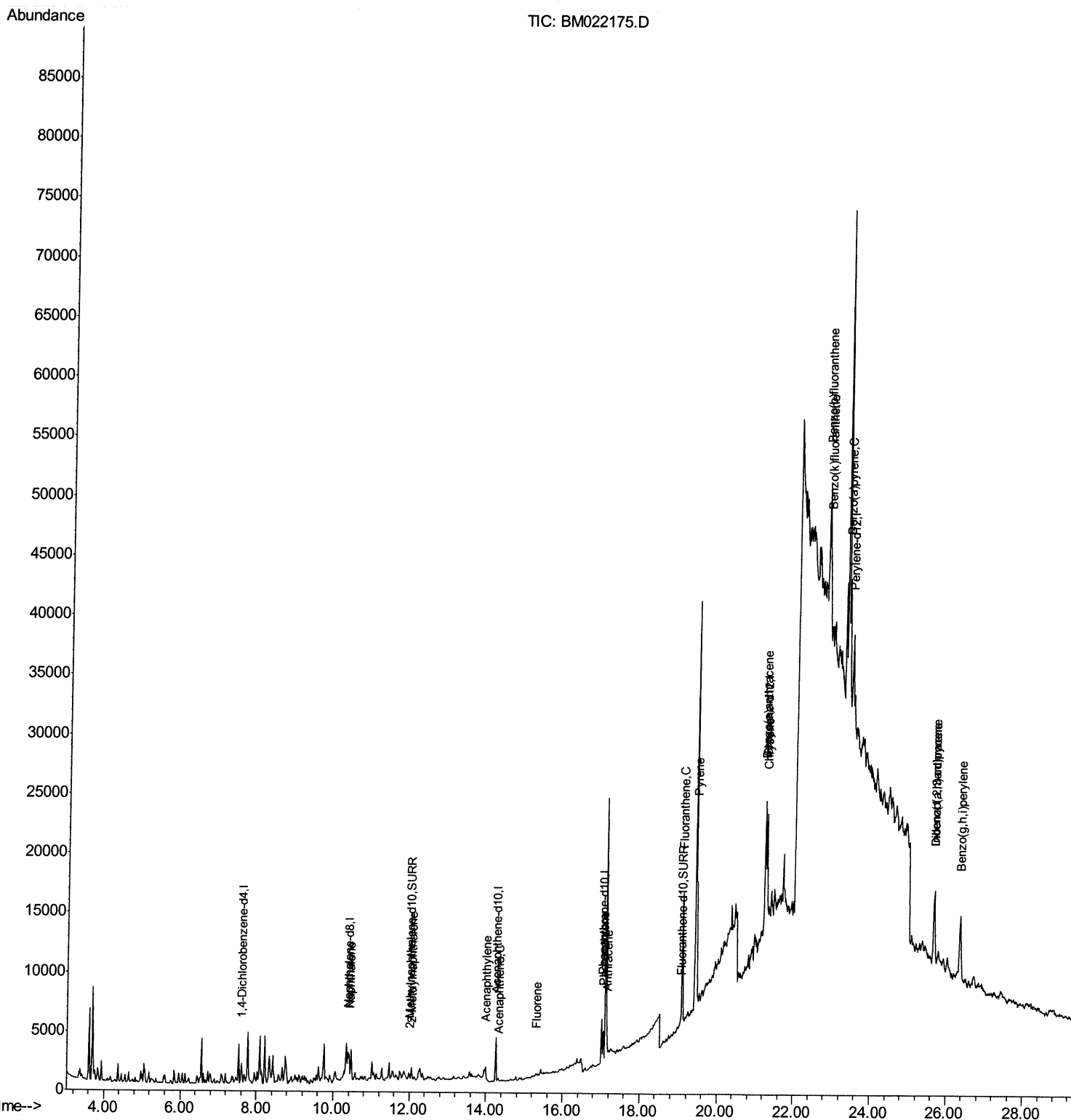
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
Data File : BM022175.D
Acq On : 16 Aug 2019 18:13
Operator : HP/JU
Sample : K4242-08DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF7DL

Manual Integrations
APPROVED

mohammad
8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:58:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 04:47:53 2019
Response via : Initial Calibration



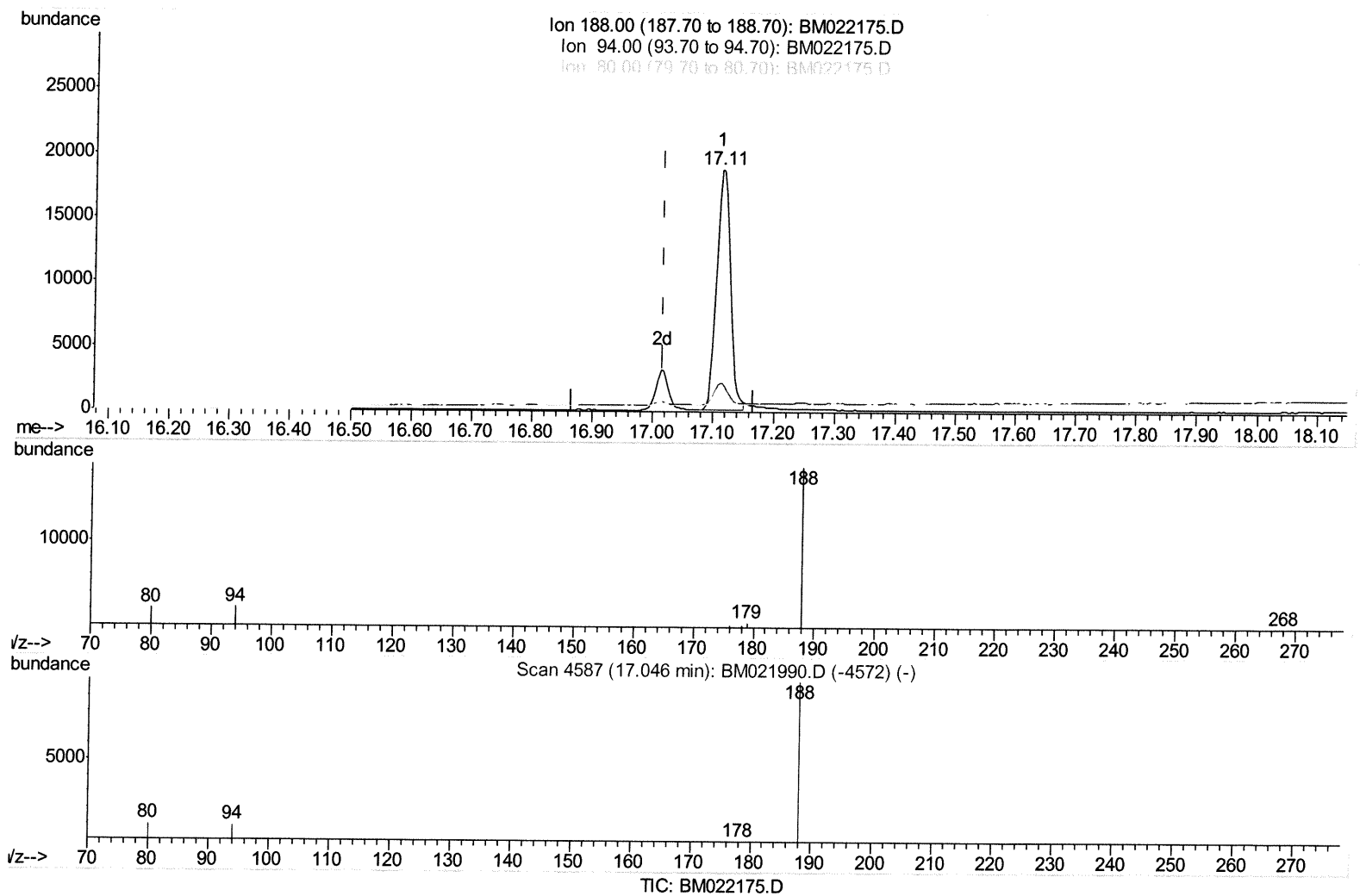
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
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Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:52:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.112min (+0.095) 0.40ng/ul

response 28979

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.91
80.00	11.40	11.24
0.00	0.00	0.00

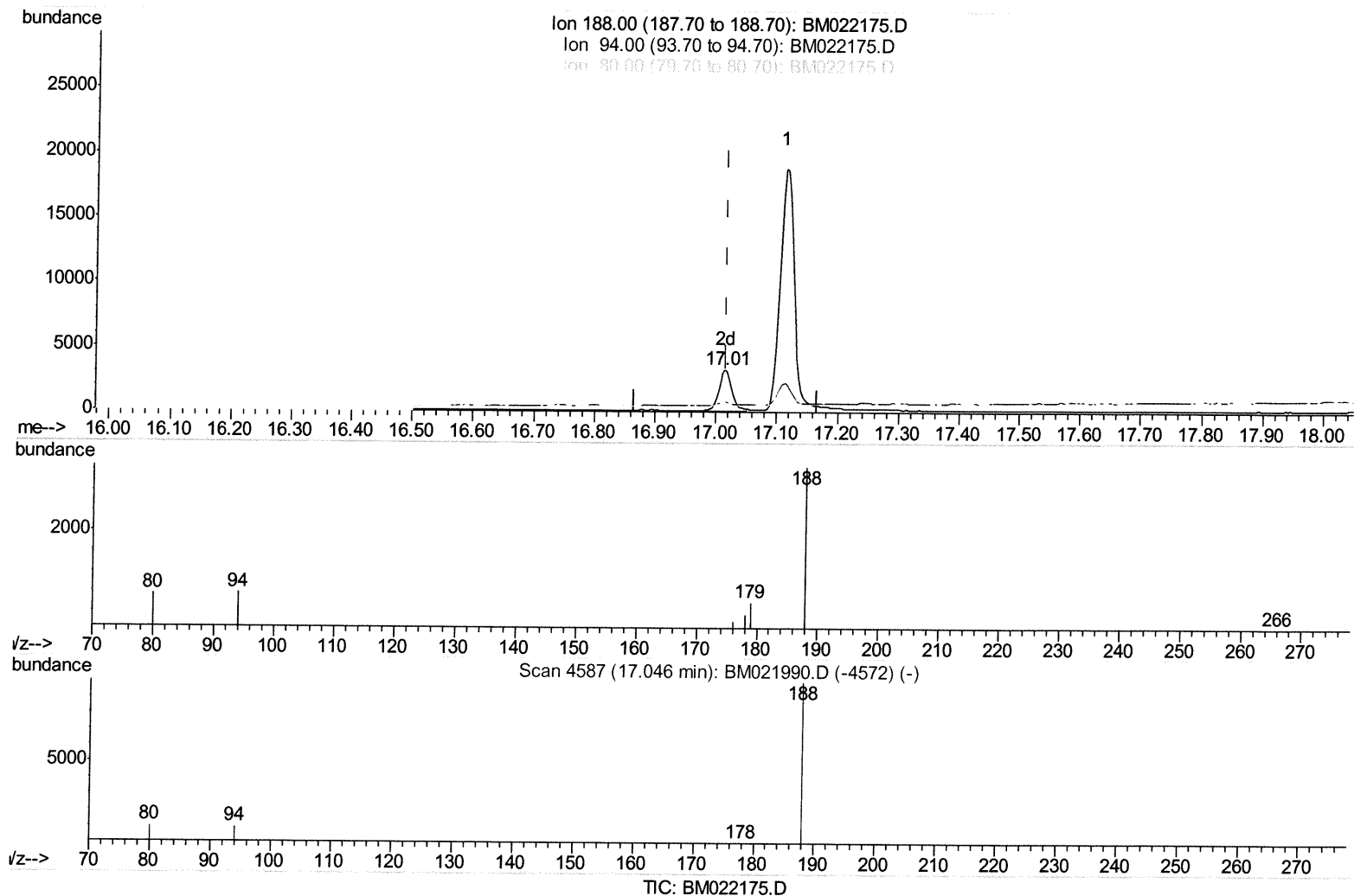
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
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 Operator : HP/JU
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 Misc :
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Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:52:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.015min (-0.002) 0.40ng/ul m

JU
 08/20/19

response 4684

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	23.51#
80.00	11.40	22.79#
0.00	0.00	0.00

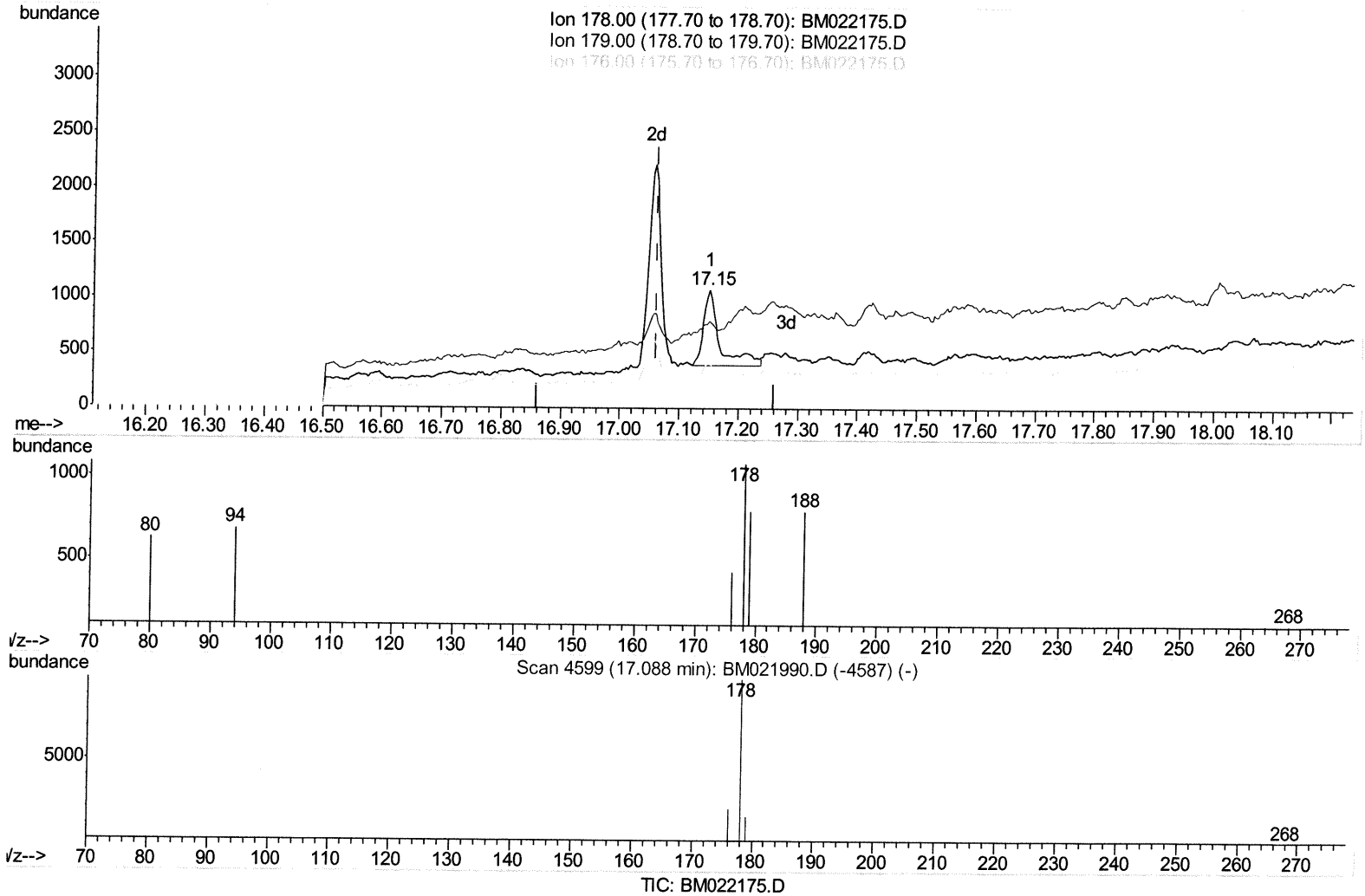
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:52:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.150min (+0.088) 0.10ng/ul

response 1339

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	73.29#
176.00	21.00	39.09#
0.00	0.00	0.00

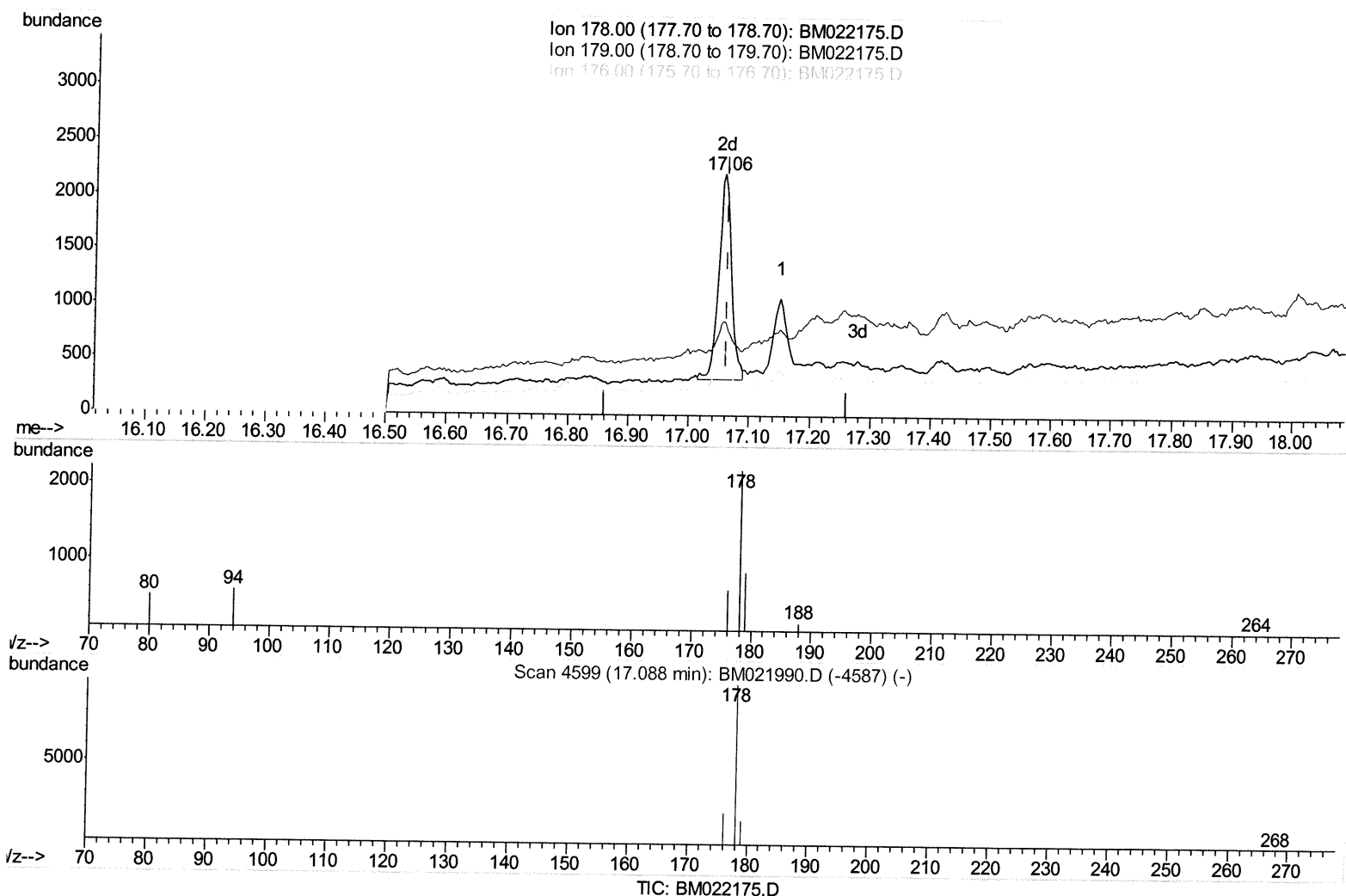
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:52:48 2019
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 Response via : Initial Calibration



(12) Phenanthrene

17.056min (-0.005) 0.21ng/ul m

JU
 08/20/19

response 2799

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	39.13#
176.00	21.00	28.49#
0.00	0.00	0.00

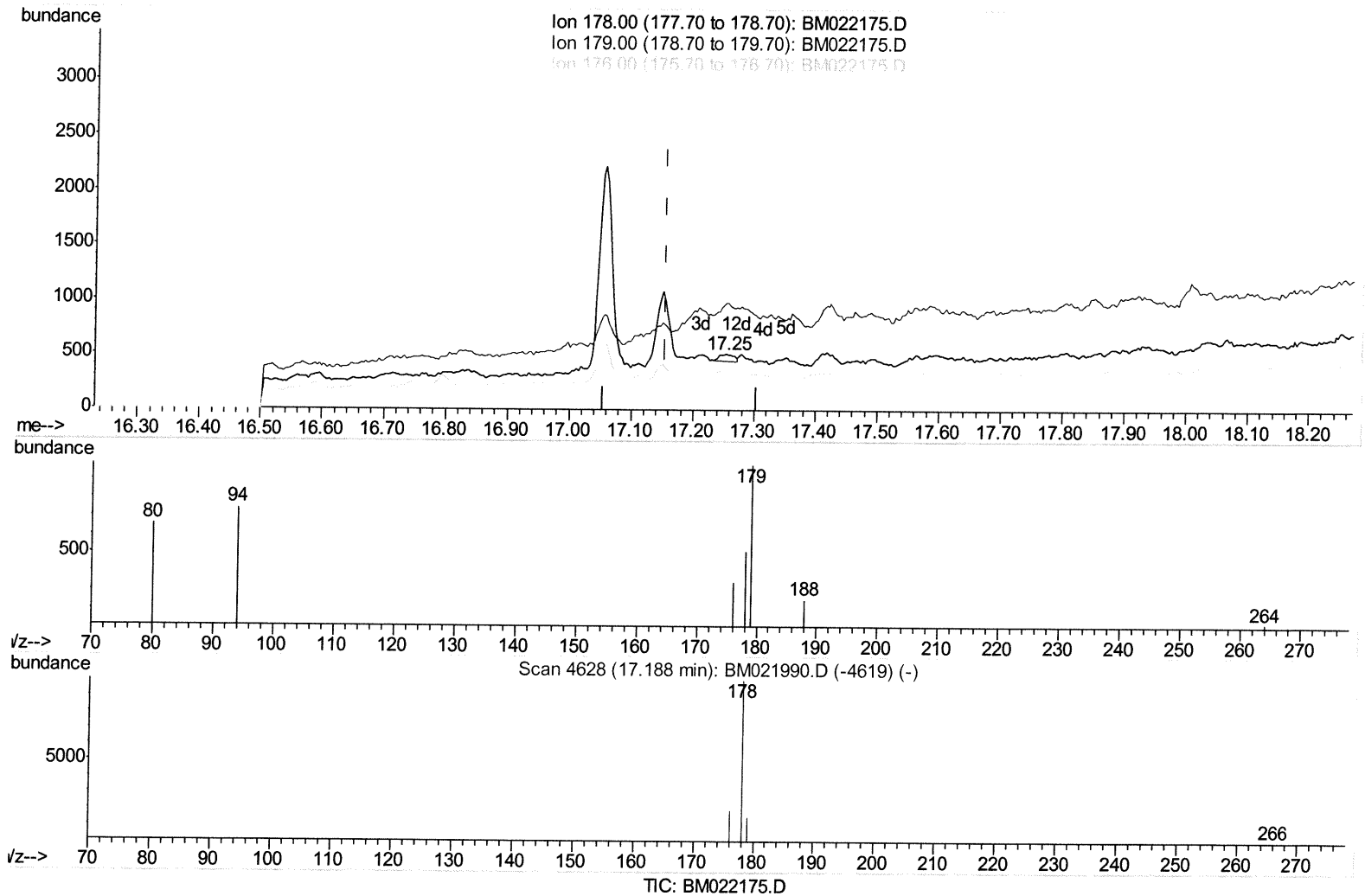
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
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 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(13) Anthracene

17.254min (+0.099) 0.01ng/ul

response 115

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	191.80#
176.00	20.80	67.38#
0.00	0.00	0.00

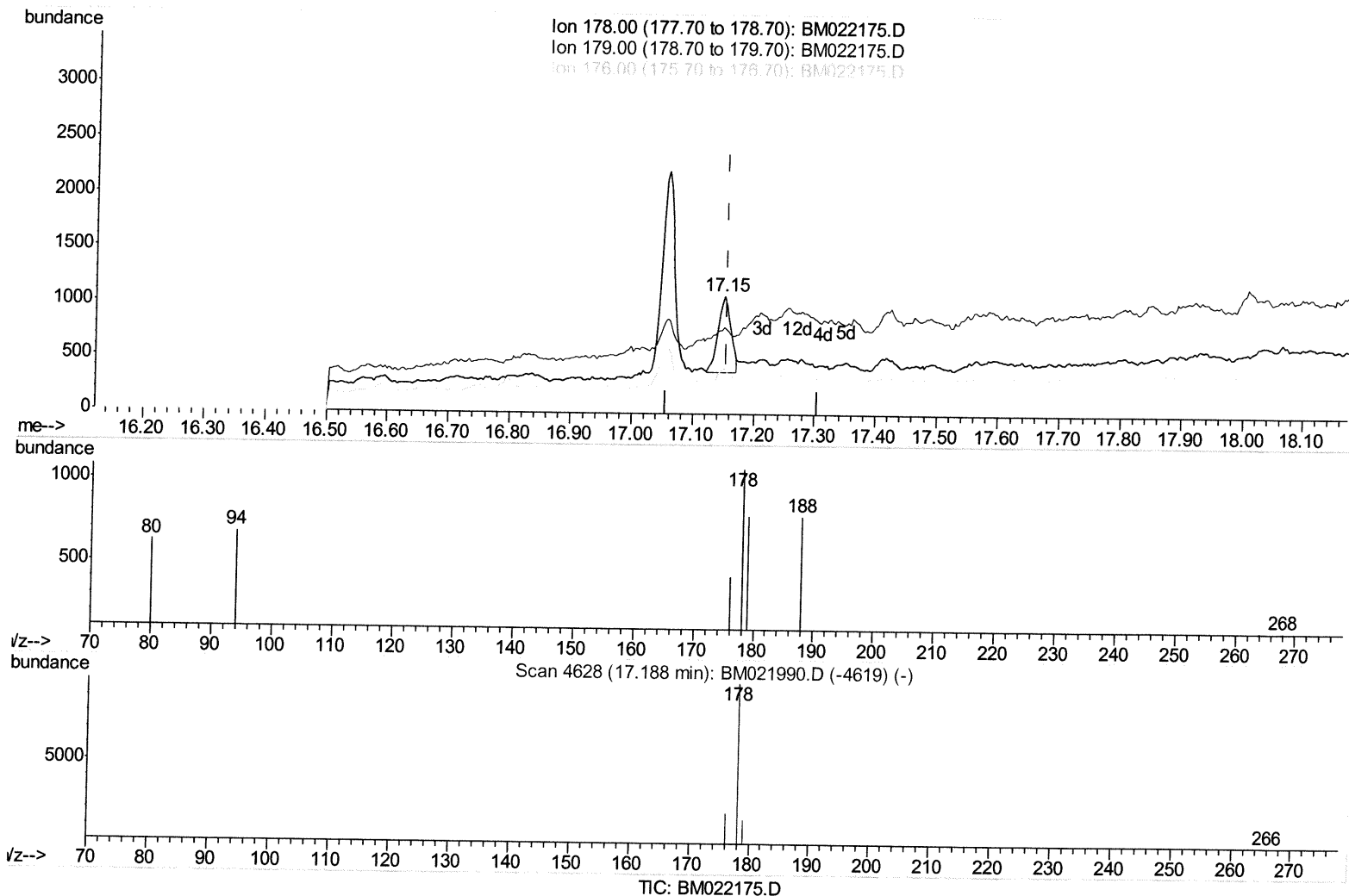
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:52:48 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(13) Anthracene

17.150min (-0.005) 0.09ng/ul m

JU 08/20/19

response 994

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	73.29#
176.00	20.80	39.09#
0.00	0.00	0.00

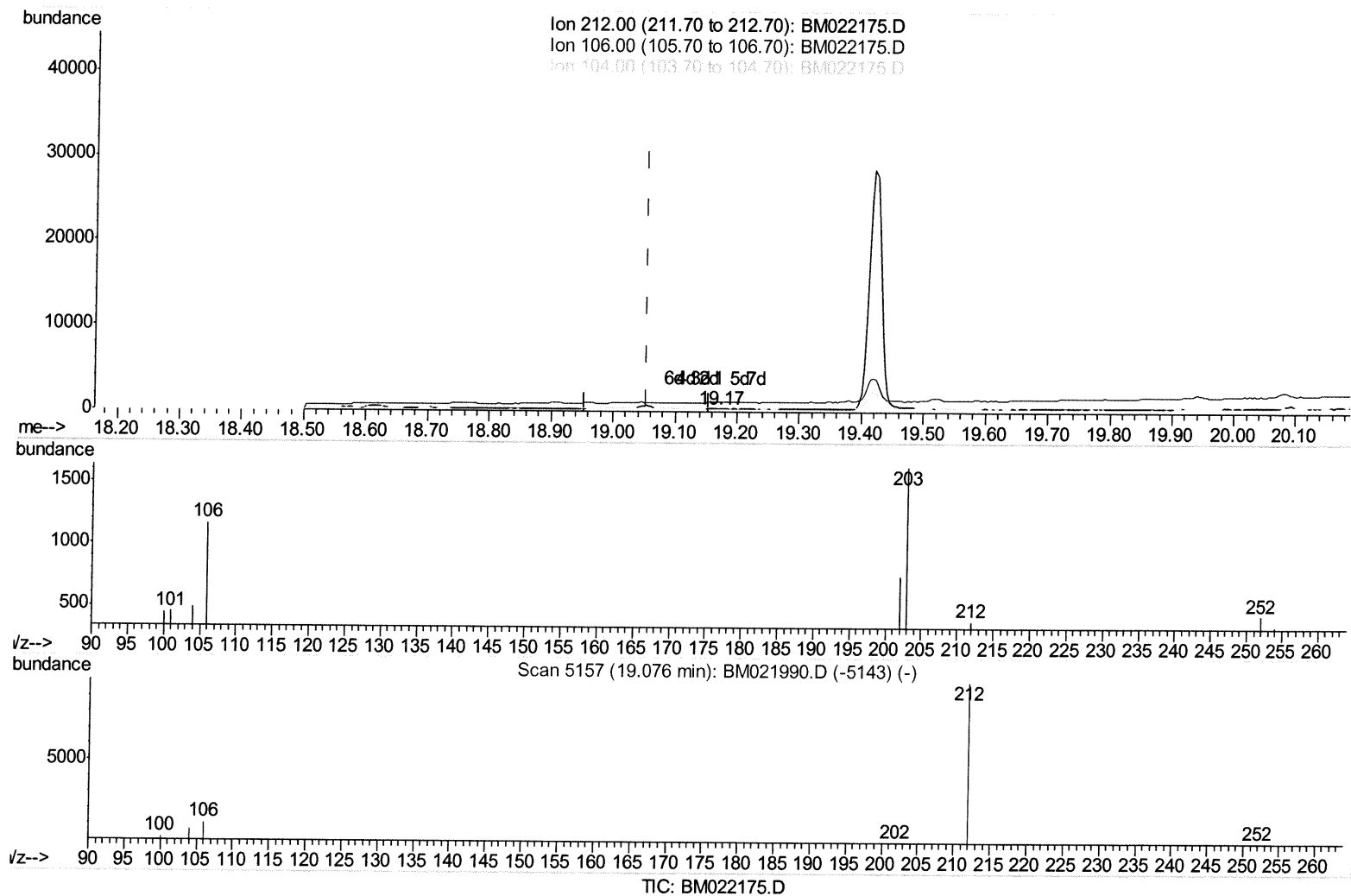
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 19 14:52:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.171min (+0.116) 0.00ng/ul

response 24

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	1362.50#
104.00	6.00	704.17#
0.00	0.00	0.00

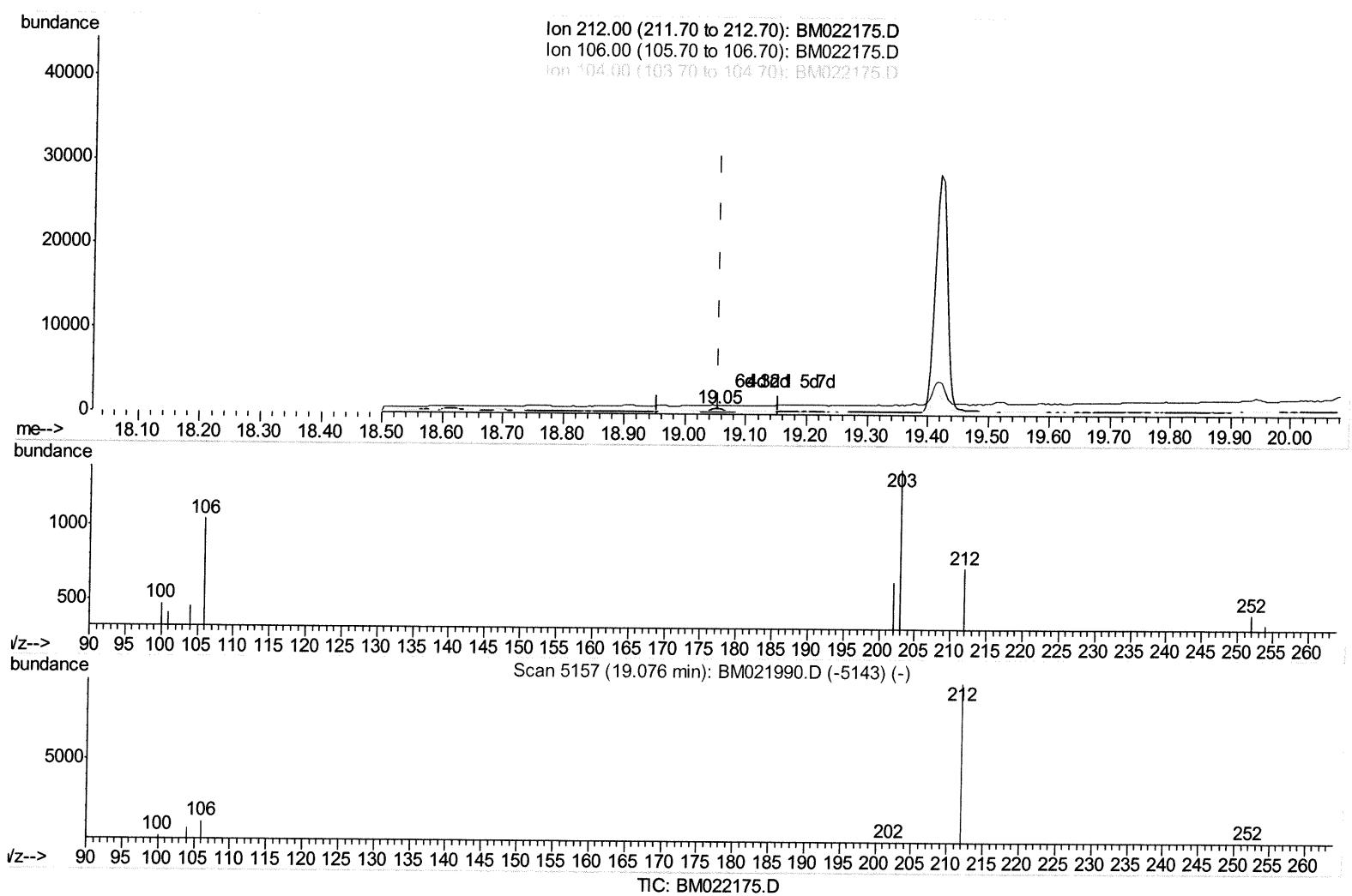
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:52:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.053min (-0.002) 0.04ng/ul m

JU
 08/20/19

response 588

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	55.61#
104.00	6.00	28.74#
0.00	0.00	0.00

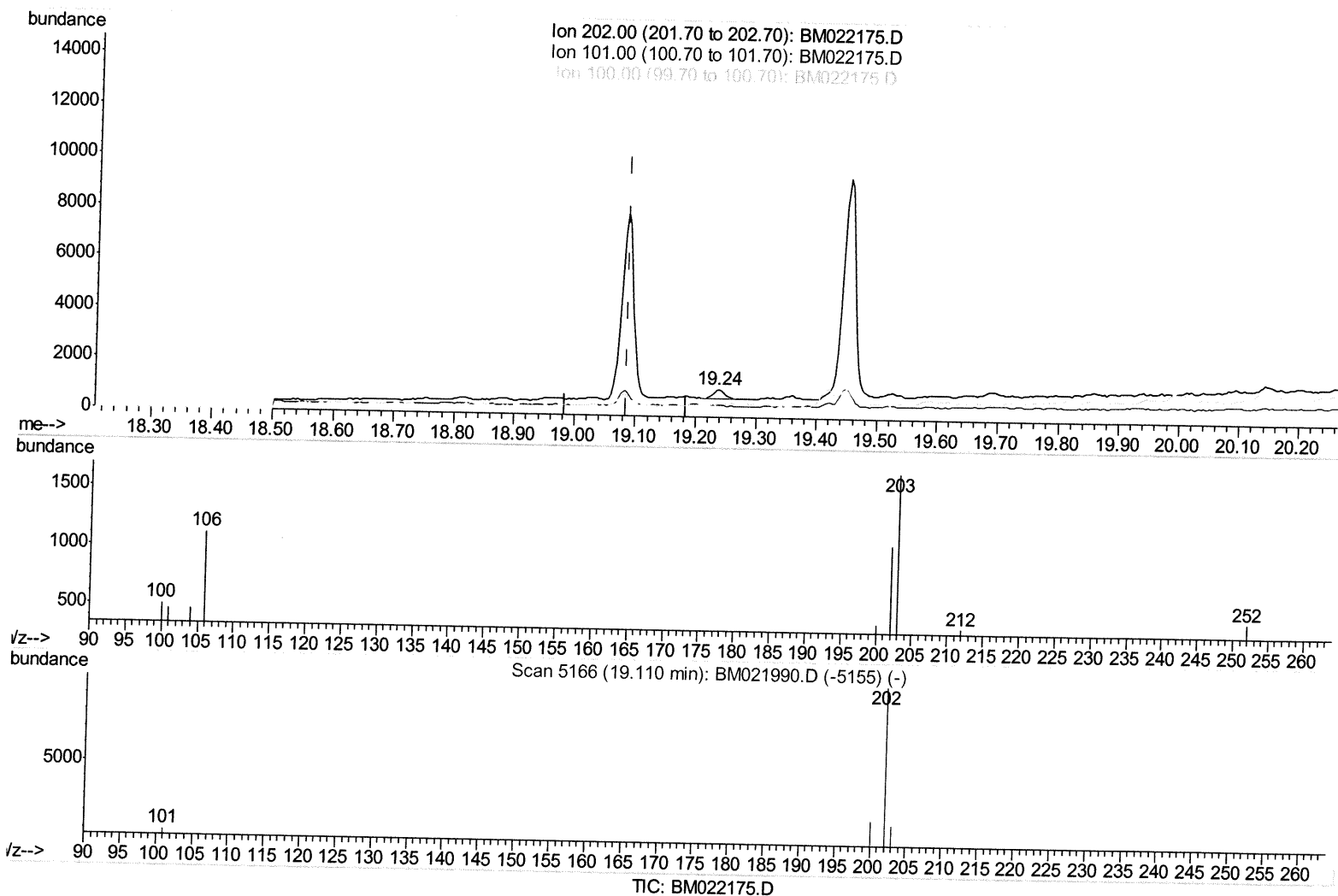
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:52:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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 Response via : Initial Calibration



(15) Fluoranthene (C)

19.236min (+0.151) 0.03ng/ul

response 484

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	43.10#
100.00	8.10	46.34#
0.00	0.00	0.00

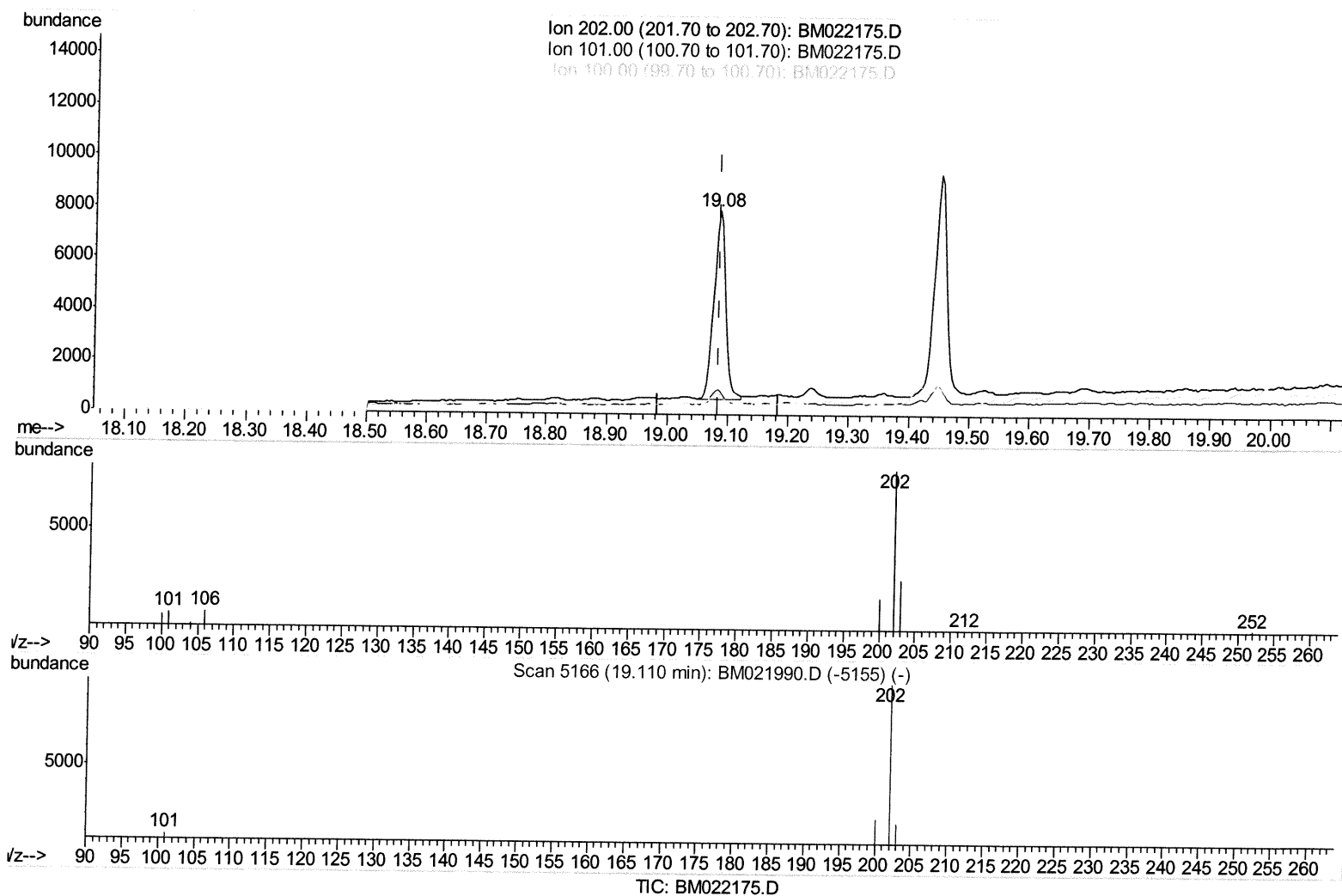
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:52:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.083min (-0.002) 0.55ng/ul m *JU 08/20/19*

response 10054

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	12.24
100.00	8.10	10.44
0.00	0.00	0.00

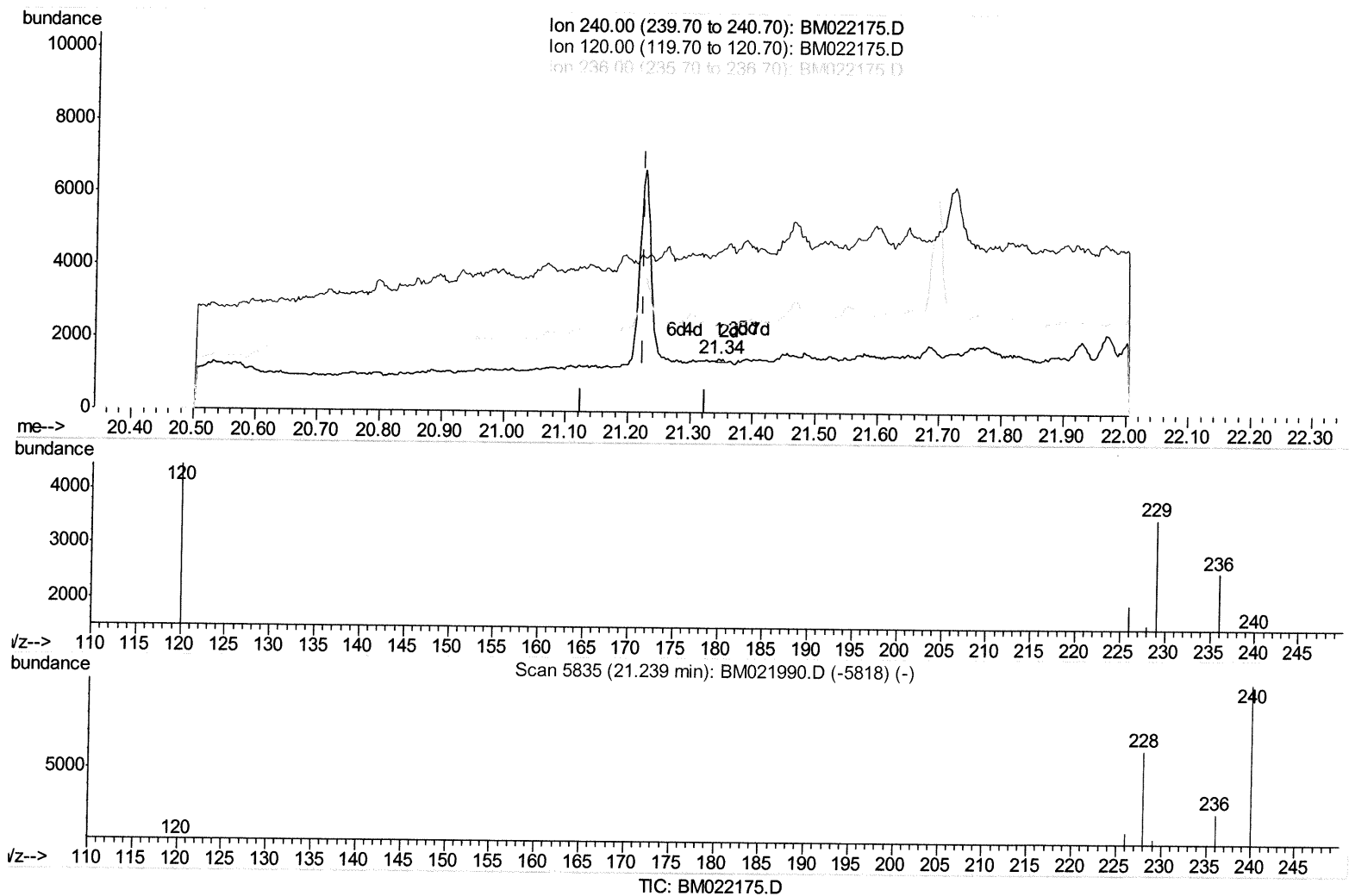
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:52:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.345min (+0.121) 0.40ng/ul

response 54

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	297.12#
236.00	32.30	169.86#
0.00	0.00	0.00

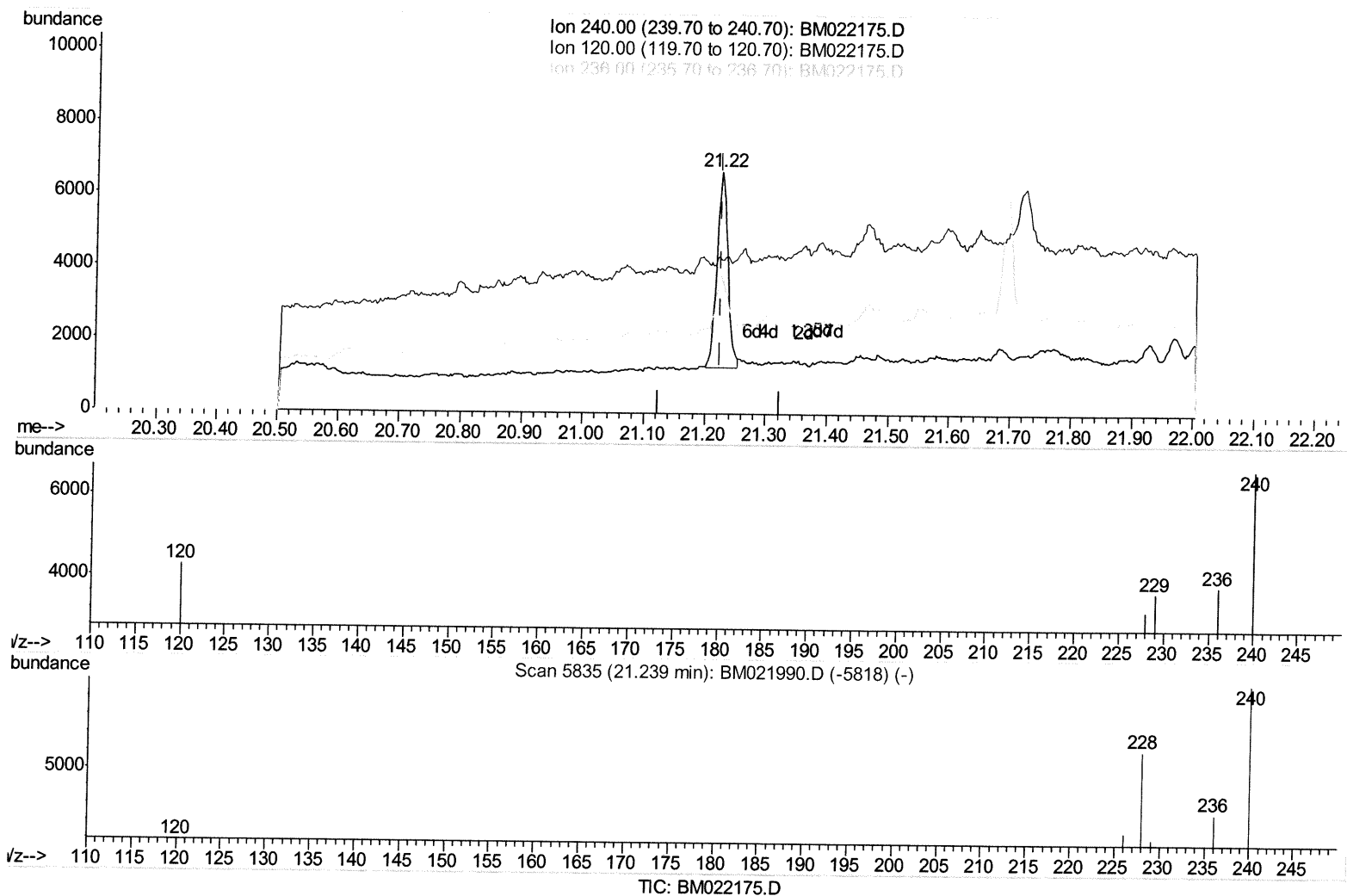
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:52:48 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.224min (-0.000) 0.40ng/ul m *JU 08/20/19*

response 6735

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	63.89#
236.00	32.30	57.42#
0.00	0.00	0.00

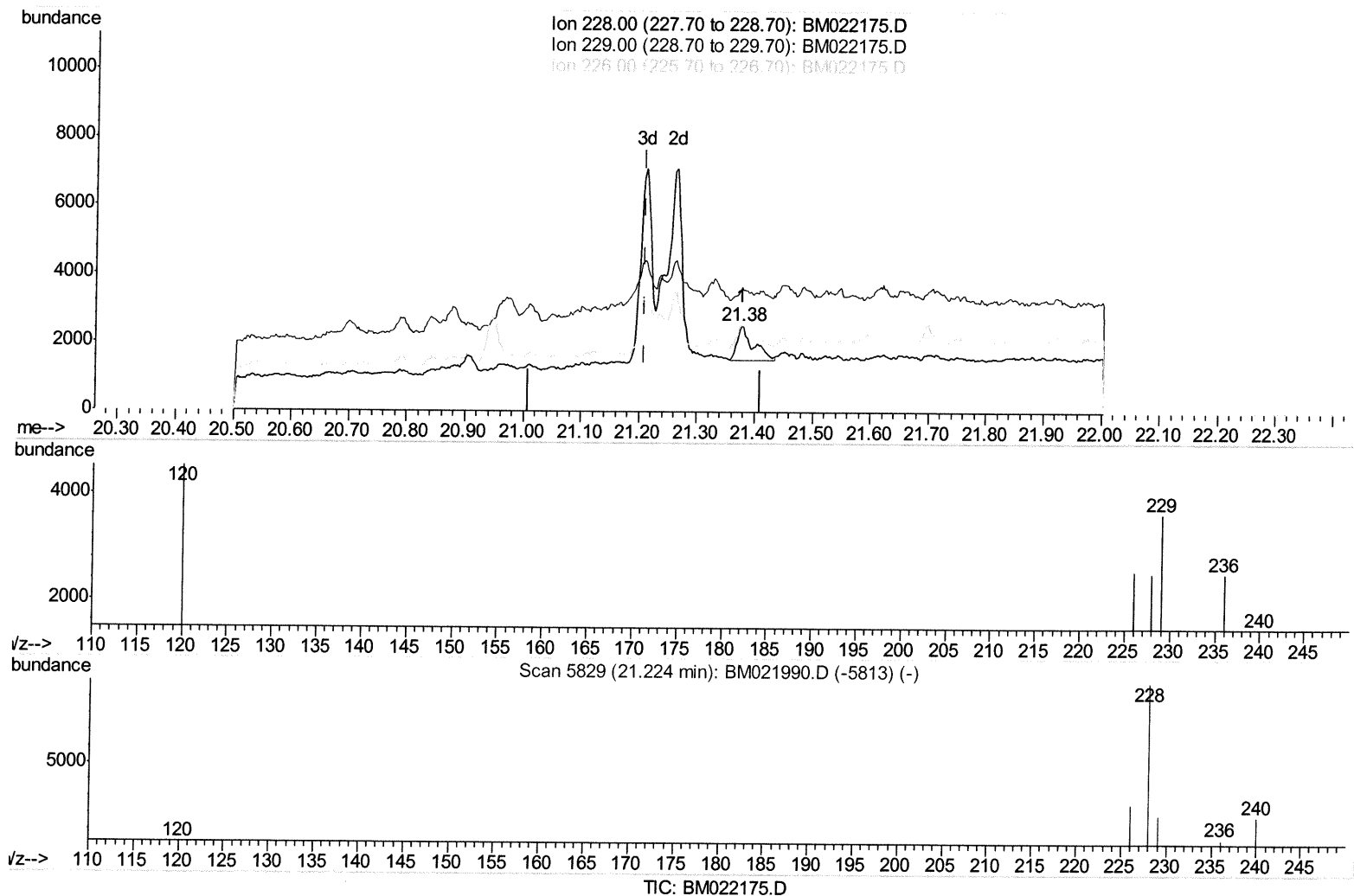
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:54:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.376min (+0.167) 0.08ng/ul

response 1924

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	144.32#
226.00	28.30	101.39#
0.00	0.00	0.00

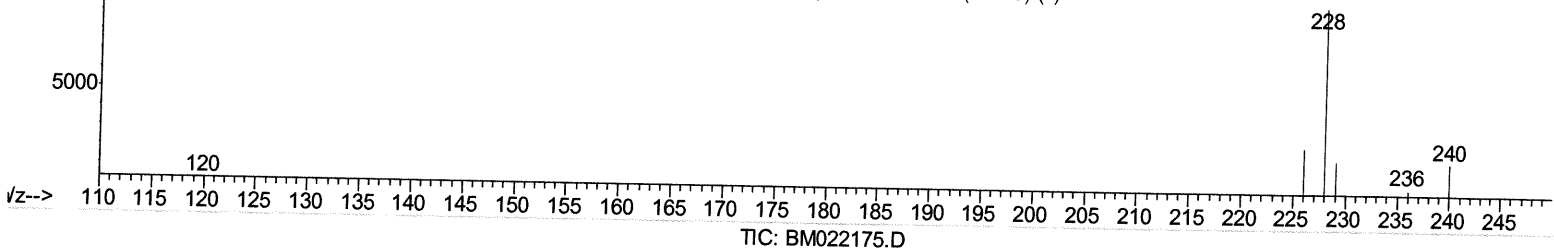
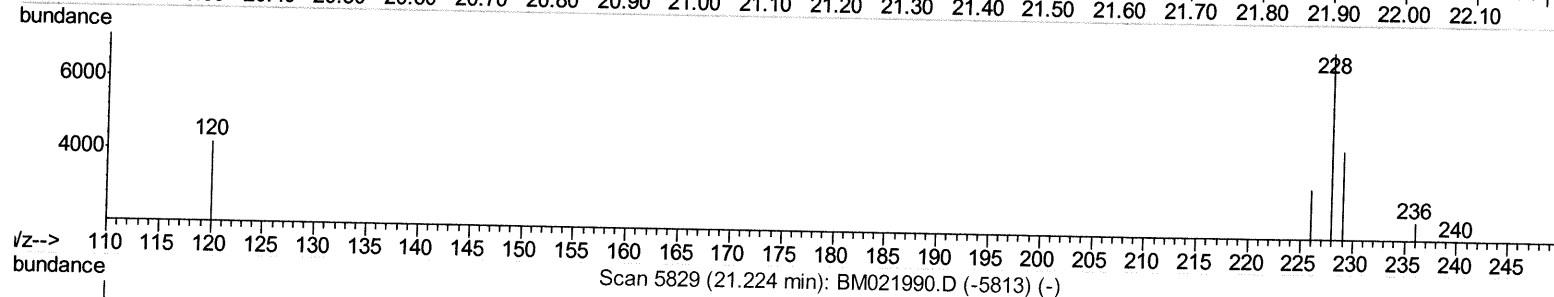
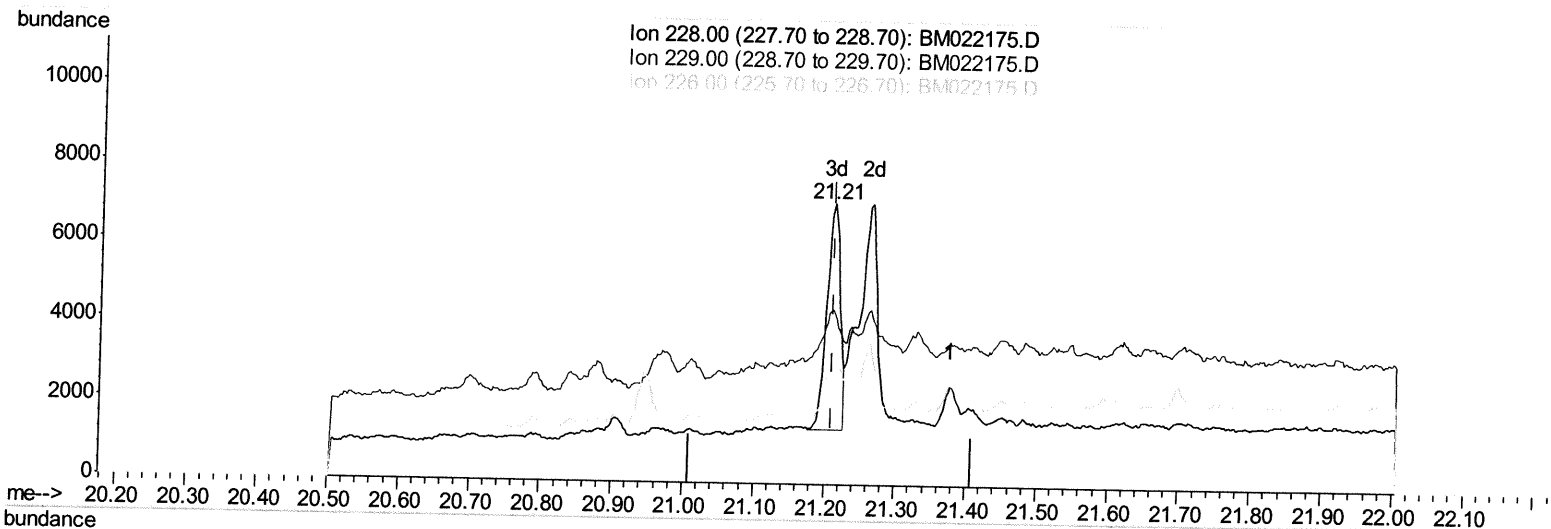
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:54:47 2019
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(18) Benzo(a)anthracene

21.209min (-0.000) 0.31ng/ul m *JU* 08/20/19

response 7418

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	62.59#
226.00	28.30	47.82#
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
C0AF7DL

mohammad
8/19/2019 5:32:14 PM



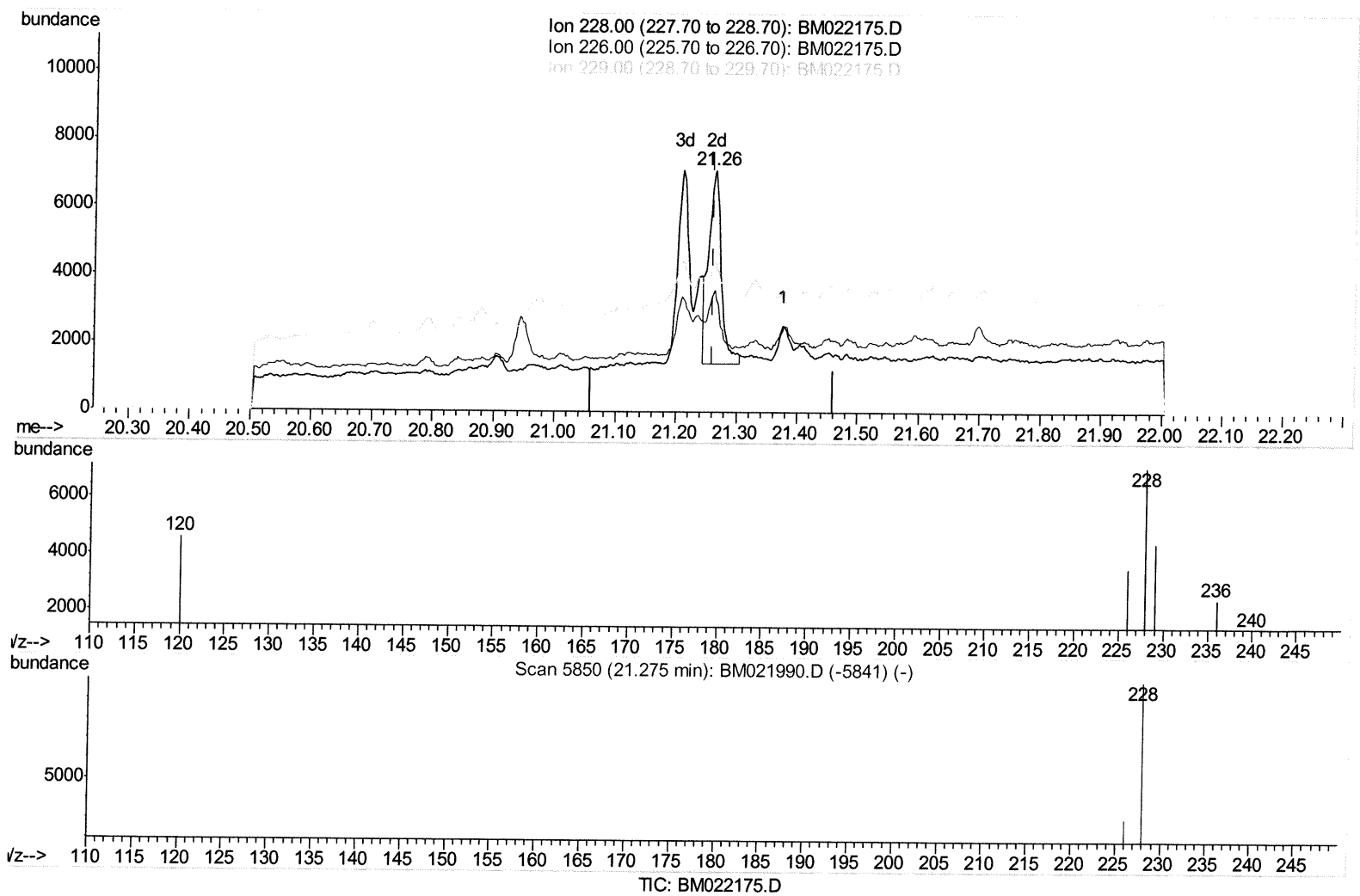
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 19 14:54:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(19) Chrysene

21.263min (+0.002) 0.26ng/ul m

Jo
08/20/19

response 8188

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	50.25#
229.00	20.80	62.40#
0.00	0.00	0.00

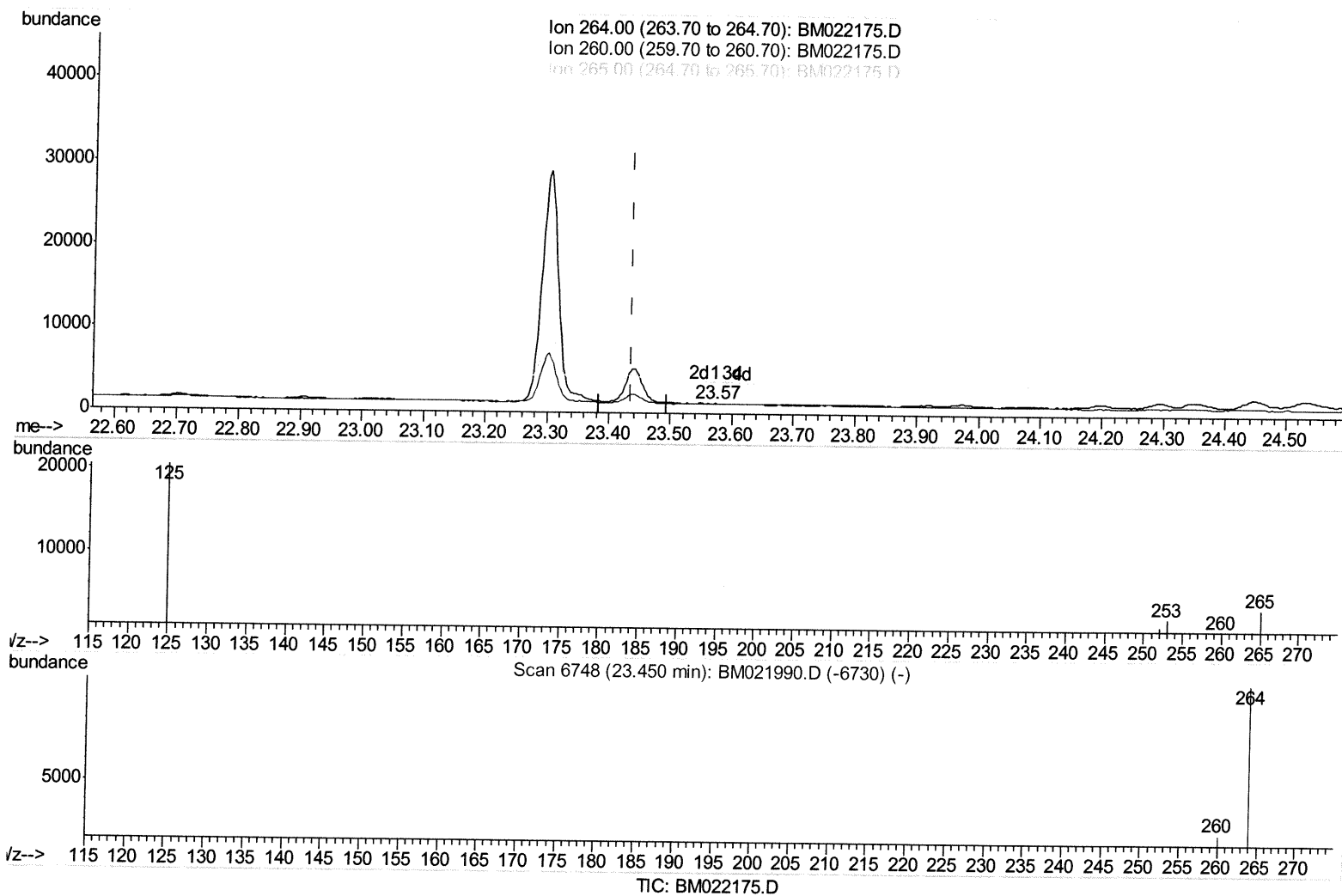
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Aug 19 14:54:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.573min (+0.138) 0.40ng/ul

response 52

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	92.48#
265.00	117.00	294.83#
0.00	0.00	0.00

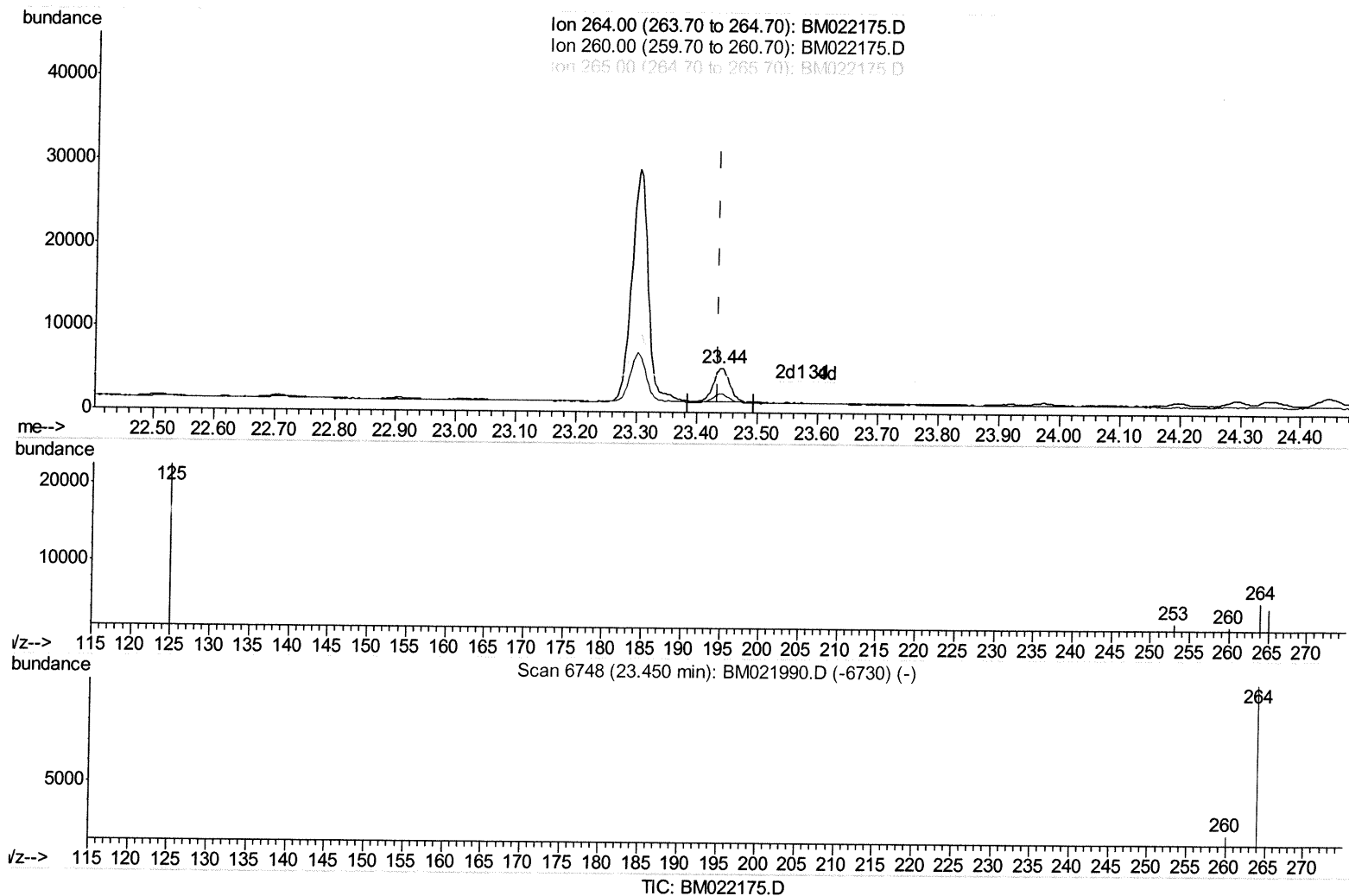
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(20) Perylene-d12 (I)

23.440min (+0.004) 0.40ng/ul m

JU
 08/20/19

response 7358

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	41.26#
265.00	117.00	86.03#
0.00	0.00	0.00

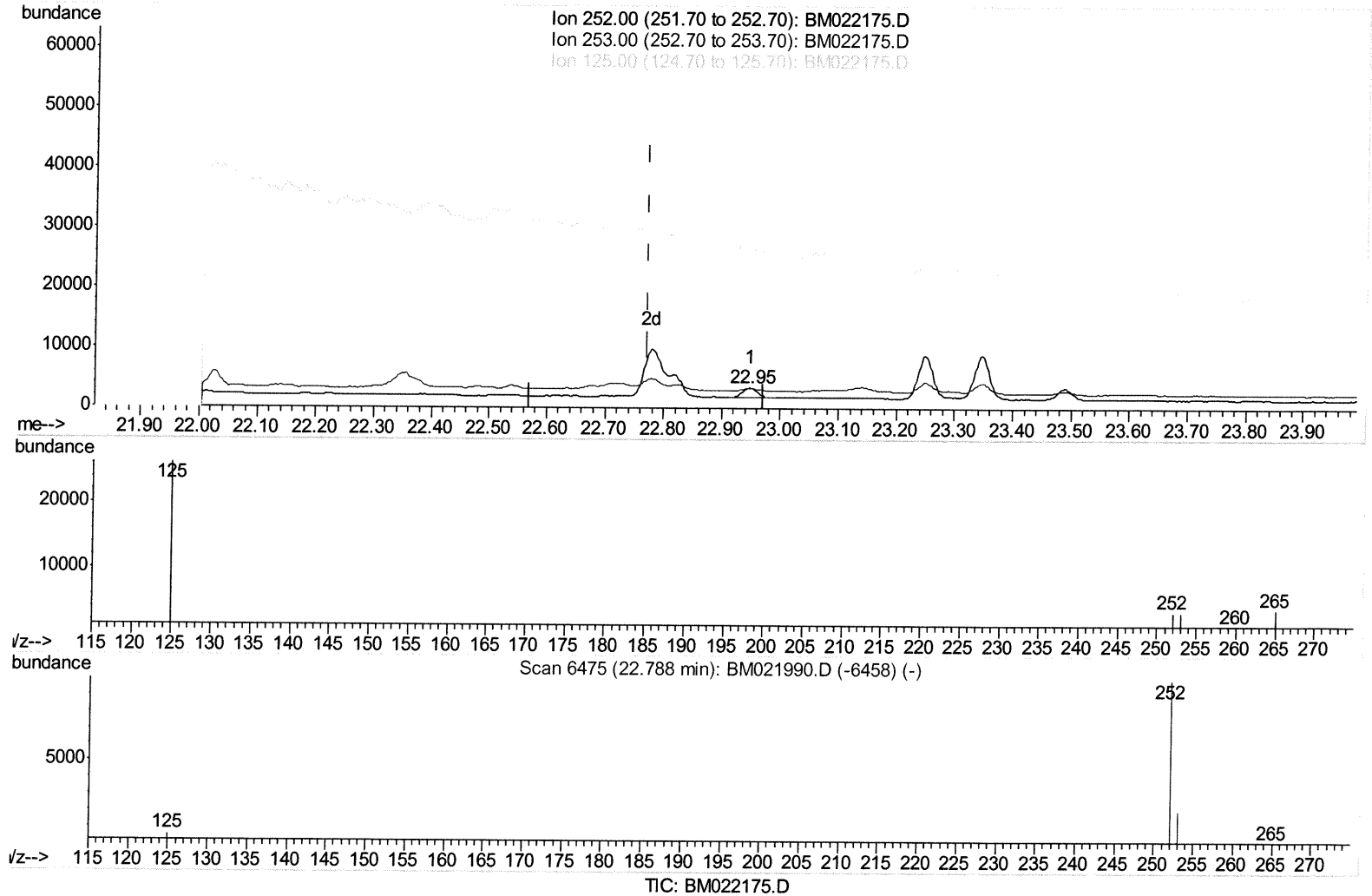
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:56:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.948min (+0.177) 0.11ng/ul

response 2792

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	95.87#
125.00	15.50	761.57#
0.00	0.00	0.00

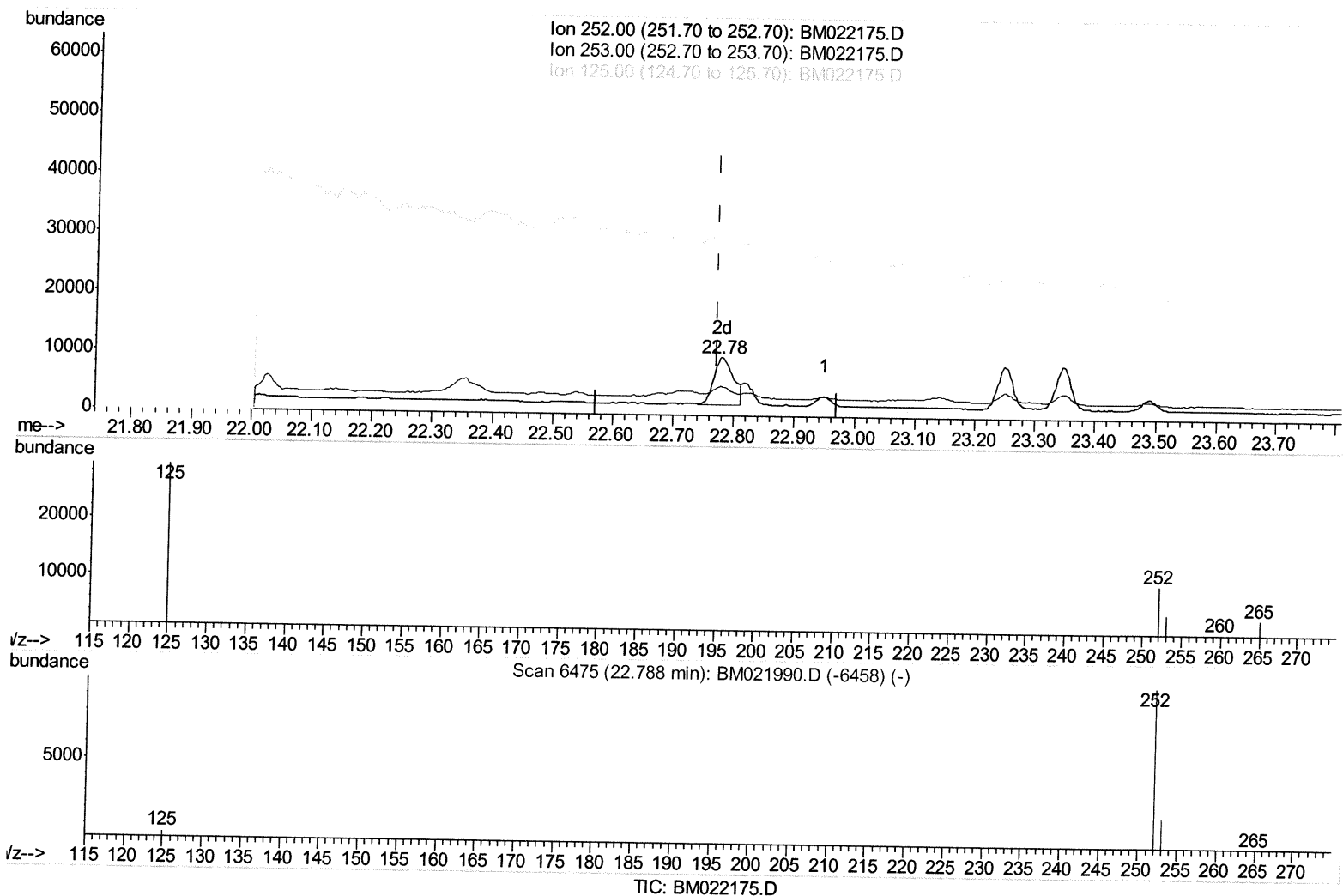
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
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mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:56:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.779min (+0.007) 0.71ng/ul m

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response 17651

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	50.60
125.00	15.50	299.46#
0.00	0.00	0.00

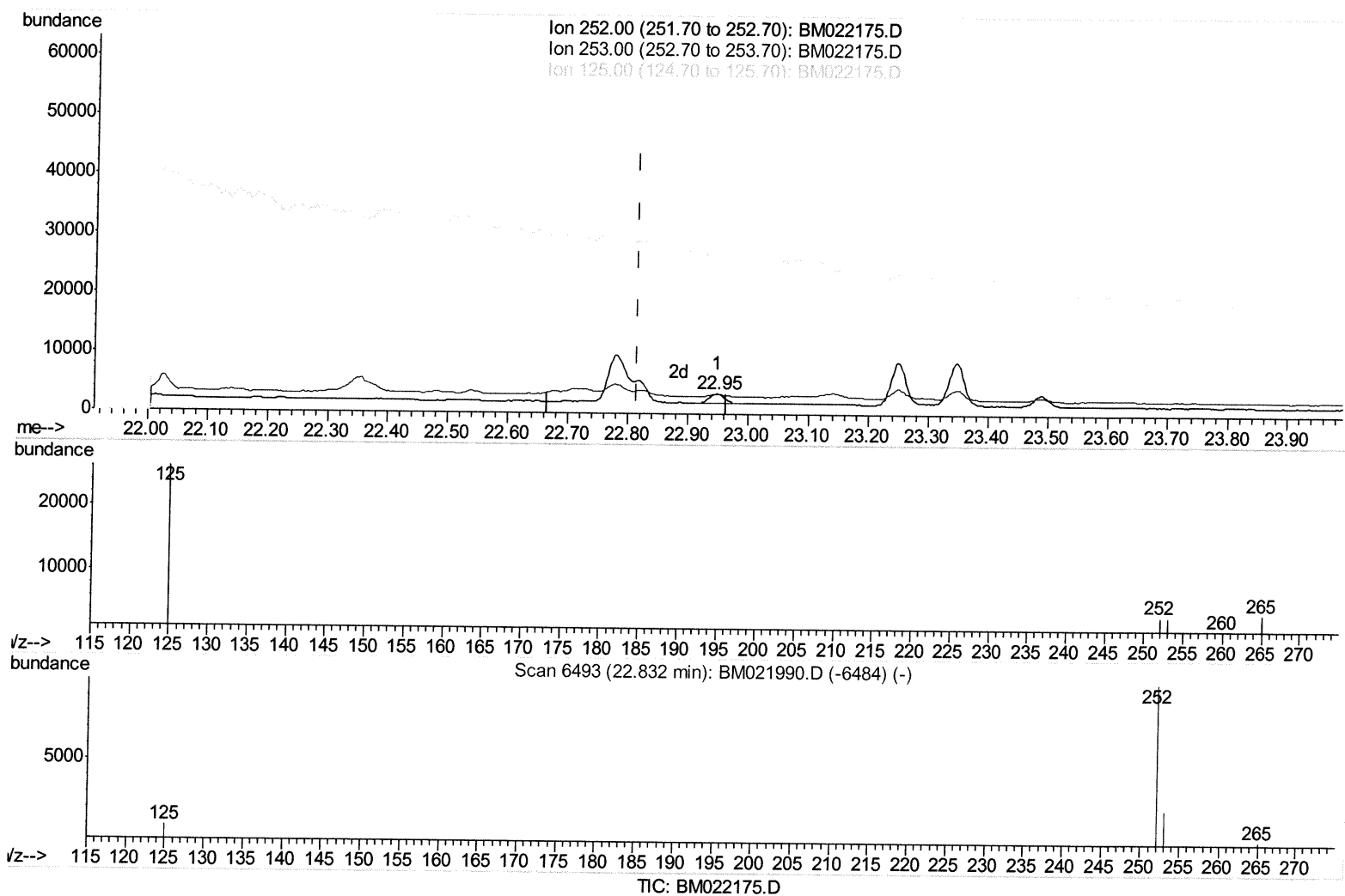
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
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mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:56:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.948min (+0.133) 0.10ng/ul

response 2792

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	95.87#
125.00	15.20	761.57#
0.00	0.00	0.00

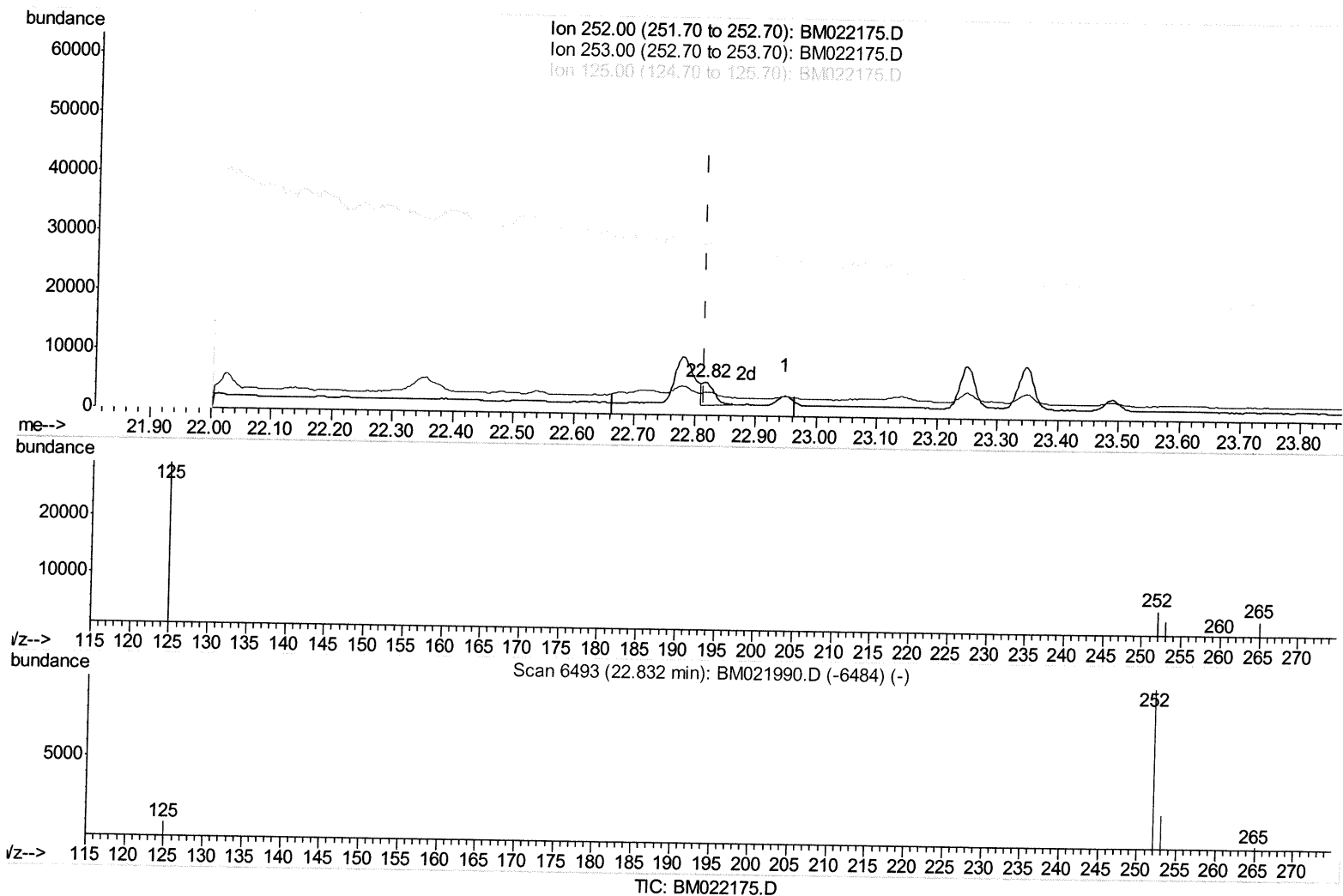
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
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mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:56:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.817min (+0.002) 0.20ng/ul m

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response 5540

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	70.06#
125.00	15.20	515.00#
0.00	0.00	0.00

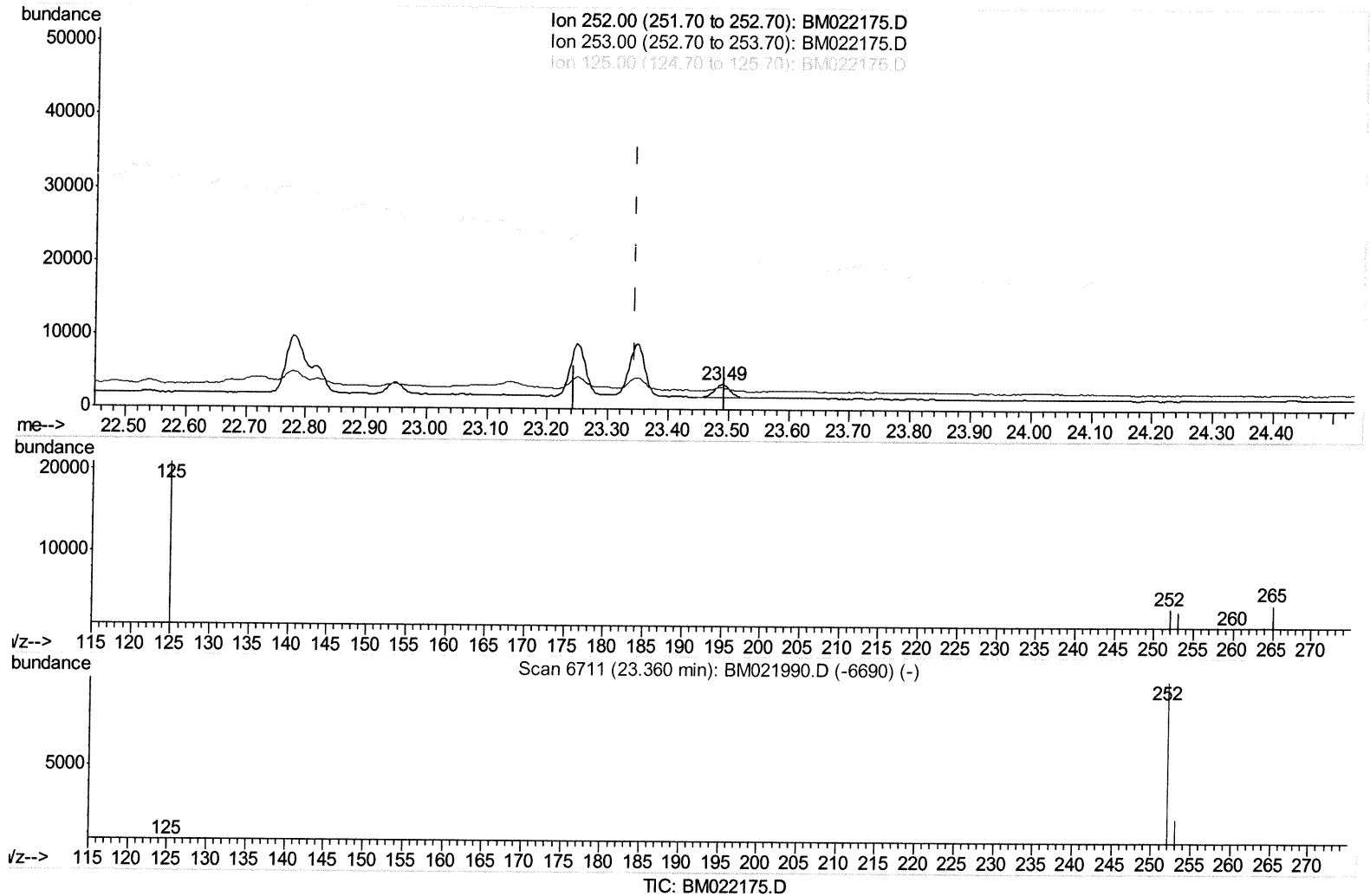
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
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mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:56:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.488min (+0.145) 0.14ng/ul

response 3468

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	87.12#
125.00	18.20	603.42#
0.00	0.00	0.00

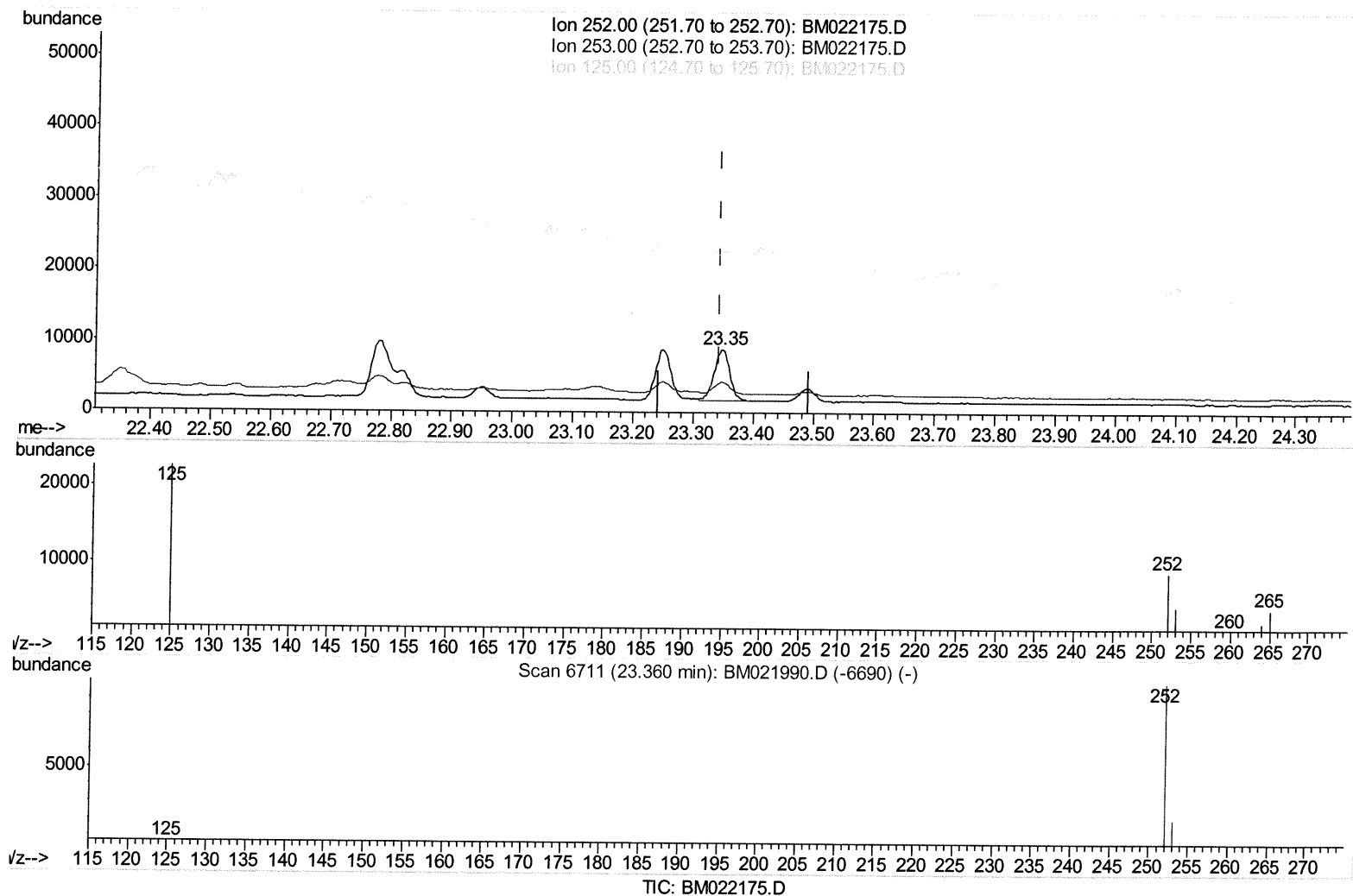
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
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mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:56:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.348min (+0.004) 0.52ng/ul m

response 13147

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	48.43#
125.00	18.20	254.76#
0.00	0.00	0.00

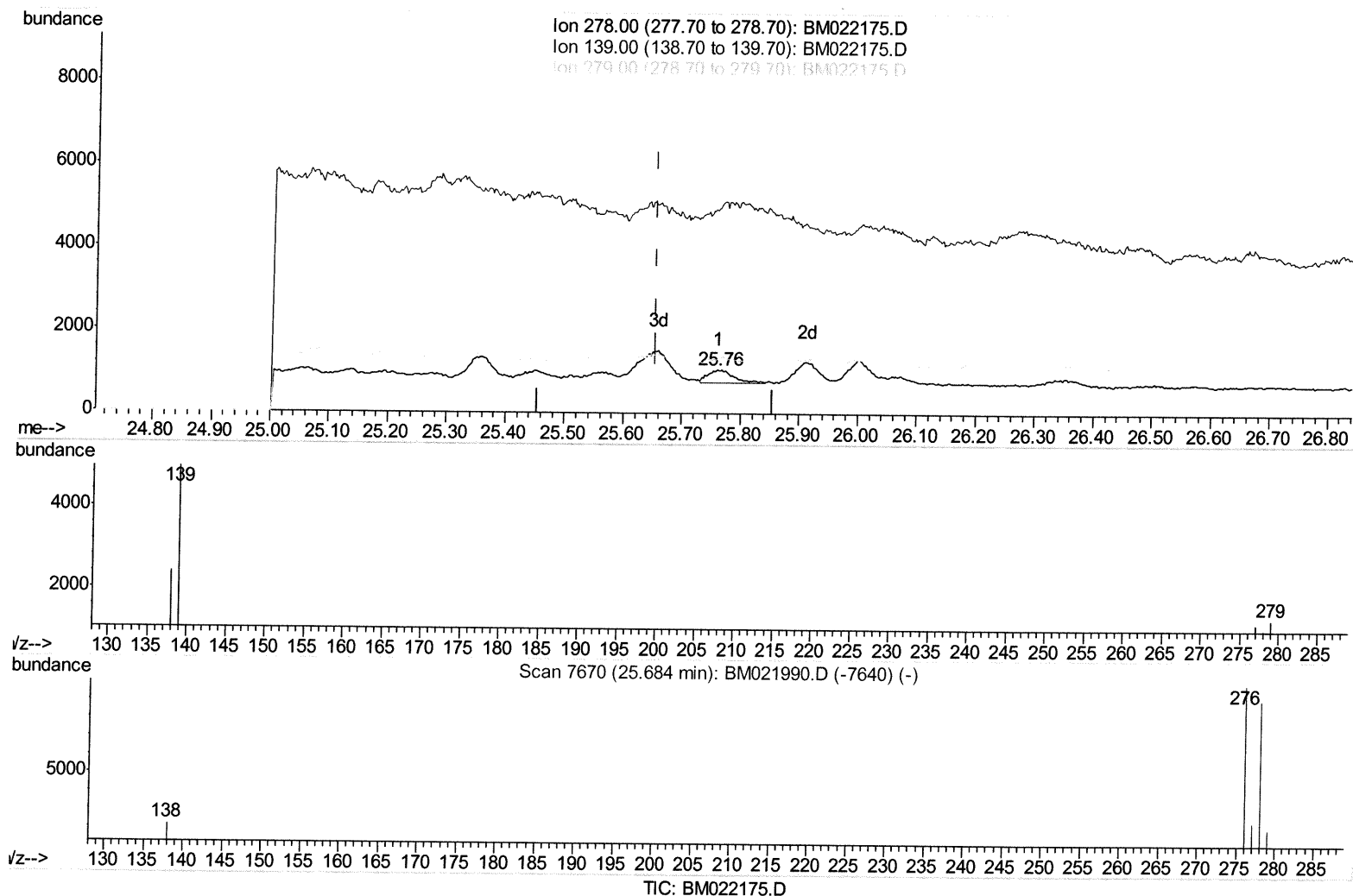
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
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mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:56:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.761min (+0.106) 0.04ng/ul

response 986

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	466.38#
279.00	35.40	123.00#
0.00	0.00	0.00

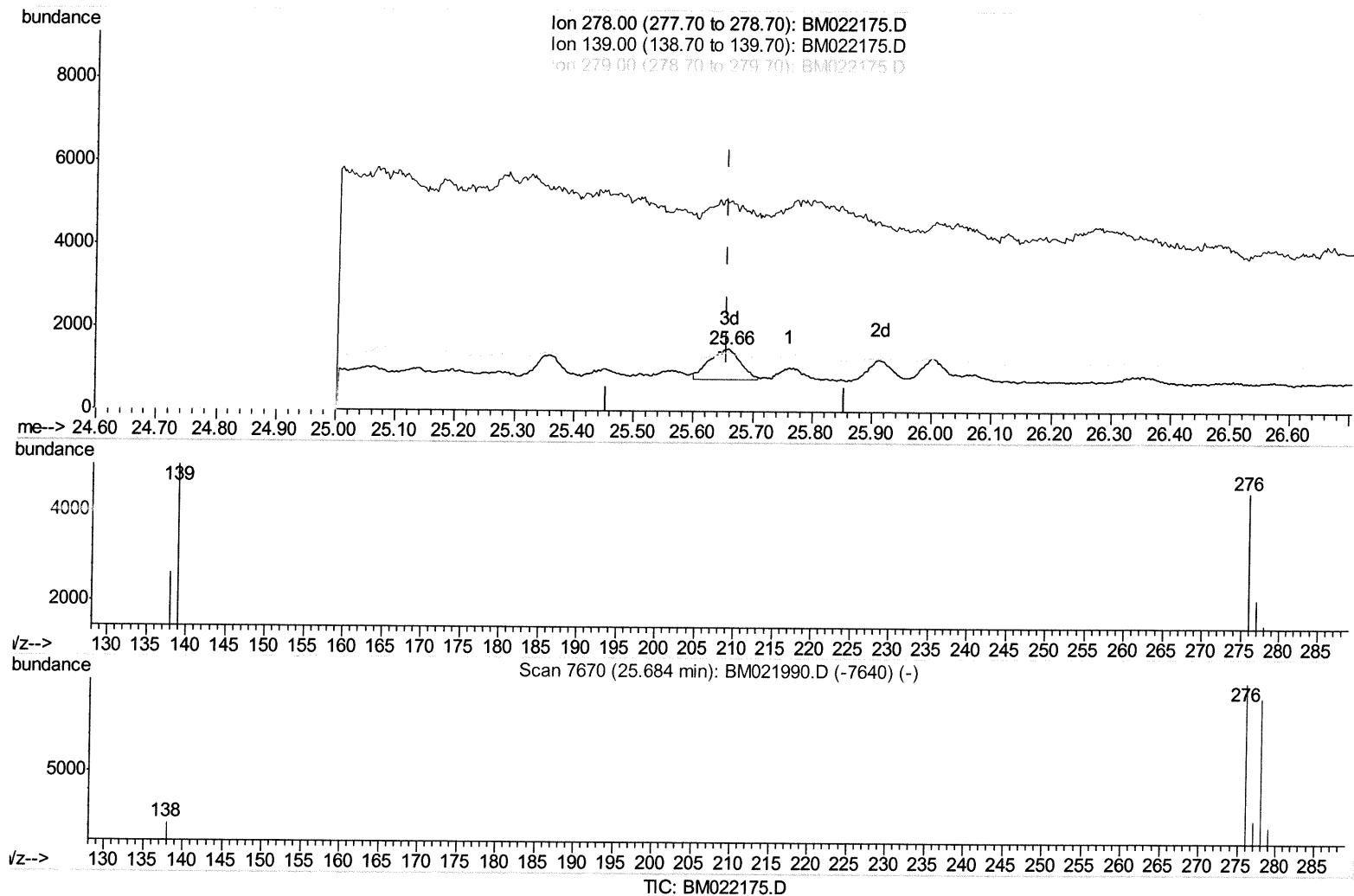
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
 Data File : BM022175.D
 Acq On : 16 Aug 2019 18:13
 Operator : HP/JU
 Sample : K4242-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7DL

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:56:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 04:47:53 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.659min (+0.004) 0.11ng/ul m

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response 2619

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	335.06#
279.00	35.40	94.43#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081519\
Data File : BM022175.D
Acq On : 16 Aug 2019 18:13
Operator : HP/JU
Sample : K4242-08DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF7DL

Manual Integrations
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mohammad
8/19/2019 5:32:14 PM

Quant Time: Aug 19 14:58:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 19 04:47:53 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	828	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	3412	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	2057	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	4684m→	0.40	ng/ul→	0.00
16) Chrysene-d12	21.22	240	6735m→	0.40	ng/ul→	0.00
20) Perylene-d12	23.44	264	7358m→	0.40	ng/ul→	0.00

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.98	152	184	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	588m→	0.04	ng/ul→	0.00

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Target Compounds

					Qvalue
3) Naphthalene	10.42	128	1709	0.177	ng/ul# 65
5) 2-Methylnaphthalene	12.05	142	1009	0.157	ng/ul 89
7) Acenaphthylene	13.98	152	1059	0.110	ng/ul# 70
8) Acenaphthene	14.32	153	190	0.024	ng/ul# 77
9) Fluorene	15.31	166	242	0.028	ng/ul# 44
12) Phenanthrene	17.06	178	2799m→	0.205	ng/ul→
13) Anthracene	17.15	178	994m→	0.085	ng/ul→
15) Fluoranthene	19.08	202	10054m→	0.551	ng/ul→
17) Pyrene	19.45	202	12578	0.454	ng/ul# 92
18) Benzo(a)anthracene	21.21	228	7418m→	0.308	ng/ul→
19) Chrysene	21.26	228	8188m→	0.264	ng/ul→
21) Benzo(b)fluoranthene	22.78	252	17651m→	0.711	ng/ul→
22) Benzo(k)fluoranthene	22.82	252	5540m→	0.197	ng/ul→
23) Benzo(a)pyrene	23.35	252	13147m→	0.521	ng/ul→
24) Indeno(1,2,3-cd)pyrene	25.66	276	9924	0.329	ng/ul# 94
25) Dibenzo(a,h)anthracene	25.66	278	2619m→	0.108	ng/ul→
26) Benzo(g,h,i)perylene	26.34	276	10806	0.398	ng/ul# 51

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