

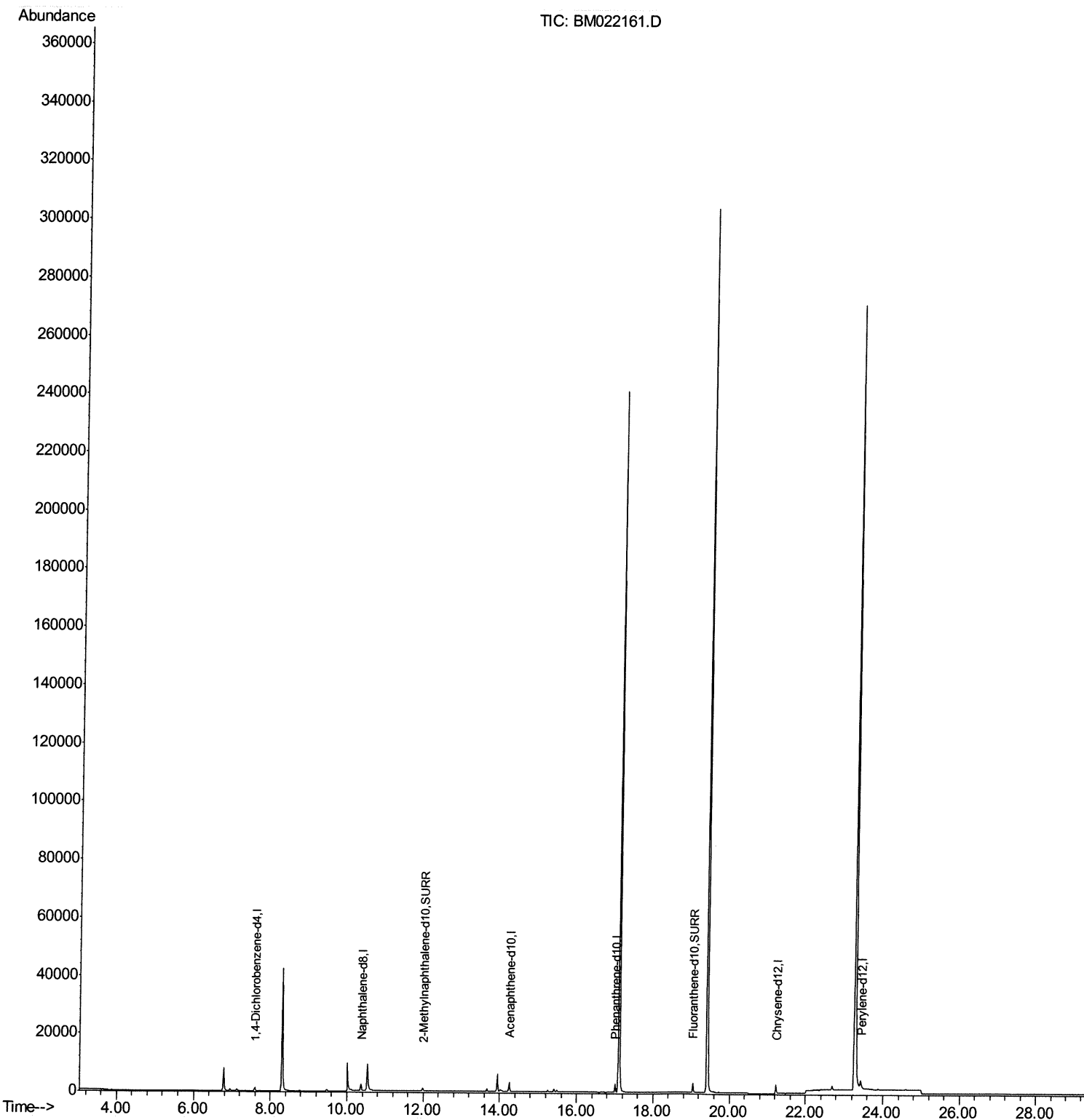
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
Data File : BM022161.D
Acq On : 16 Aug 2019 01:53
Operator : HP/JU
Sample : PB122267BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK67

Manual Integrations
APPROVED

mohammad
8/19/2019 10:46:16 AM

Quant Time: Aug 16 15:31:59 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 : Fri Aug 16 14:59:47 2019
Response via : Initial Calibration



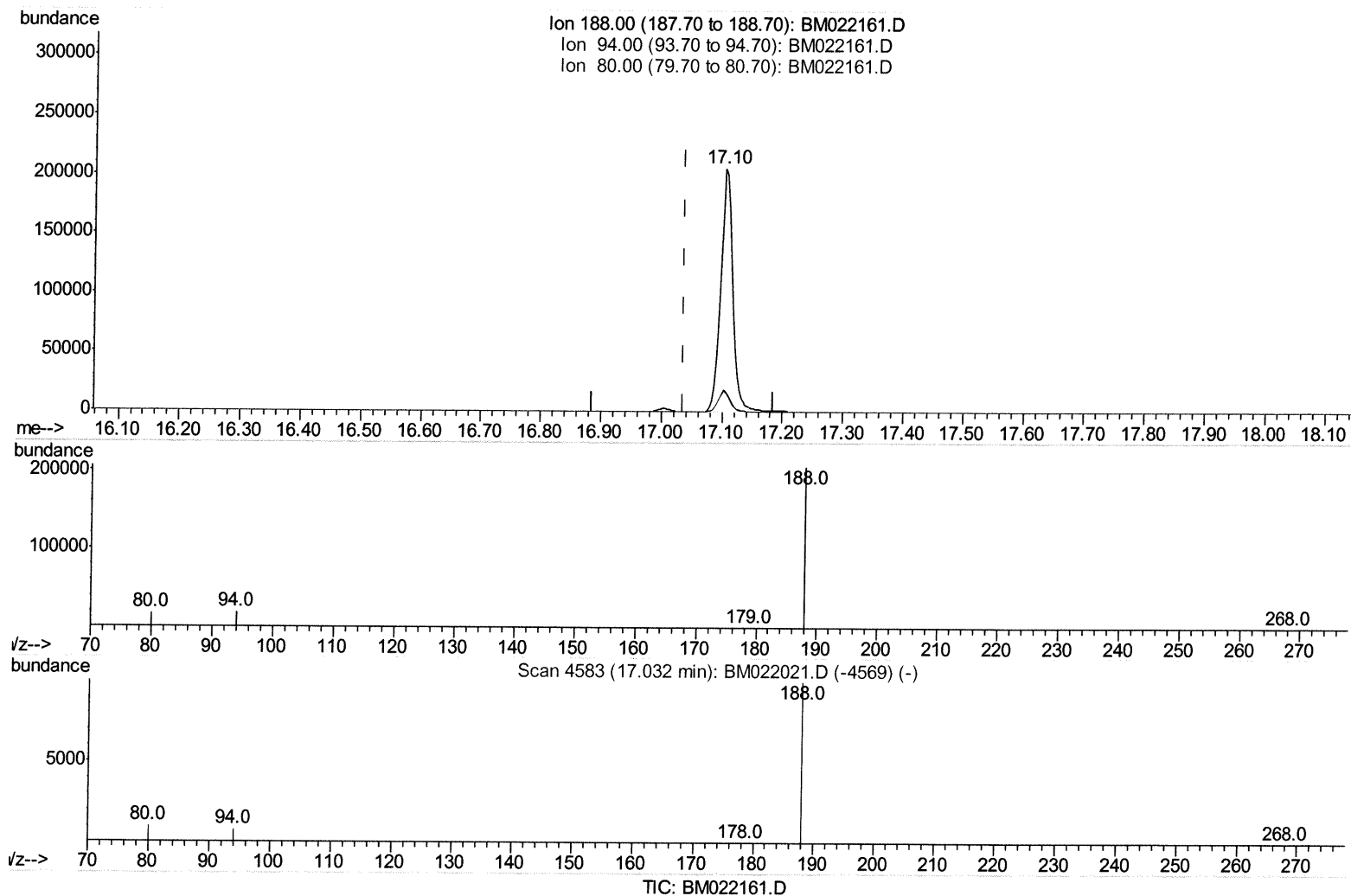
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022161.D
 Acq On : 16 Aug 2019 01:53
 Operator : HP/JU
 Sample : PB122267BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK67

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:46:16 AM

Quant Time: Aug 16 15:30:33 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 : Fri Aug 16 14:59:47 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.103min (+0.068) 0.40ng/ul

response 289865

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.95
80.00	11.40	8.53#
0.00	0.00	0.00

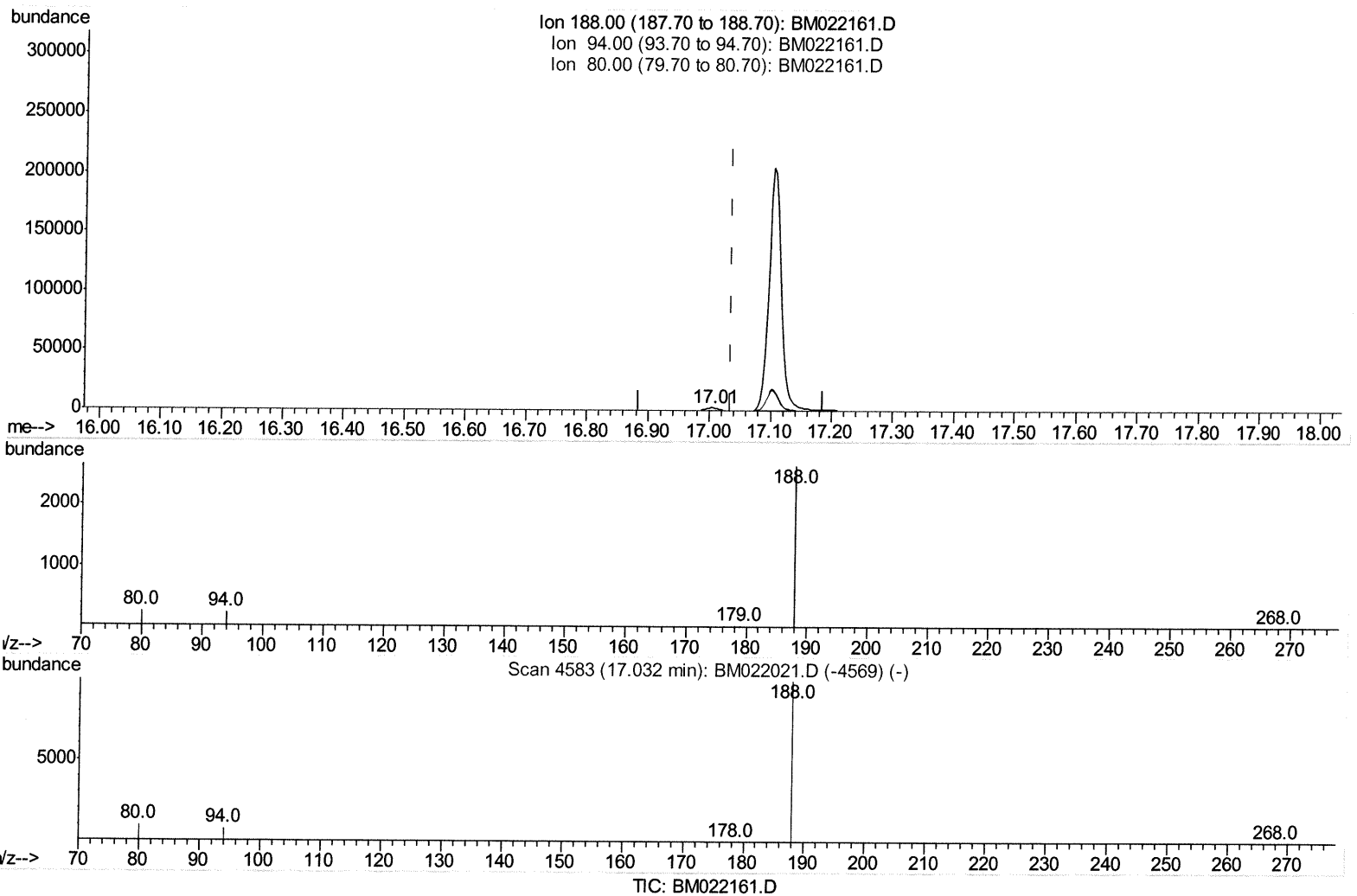
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022161.D
 Acq On : 16 Aug 2019 01:53
 Operator : HP/JU
 Sample : PB122267BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK67

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:46:16 AM

Quant Time: Aug 16 15:30:33 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 : Fri Aug 16 14:59:47 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.006min (-0.030) 0.40ng/ul m

JU 08/20/19

response 3754

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.00
80.00	11.40	10.88
0.00	0.00	0.00

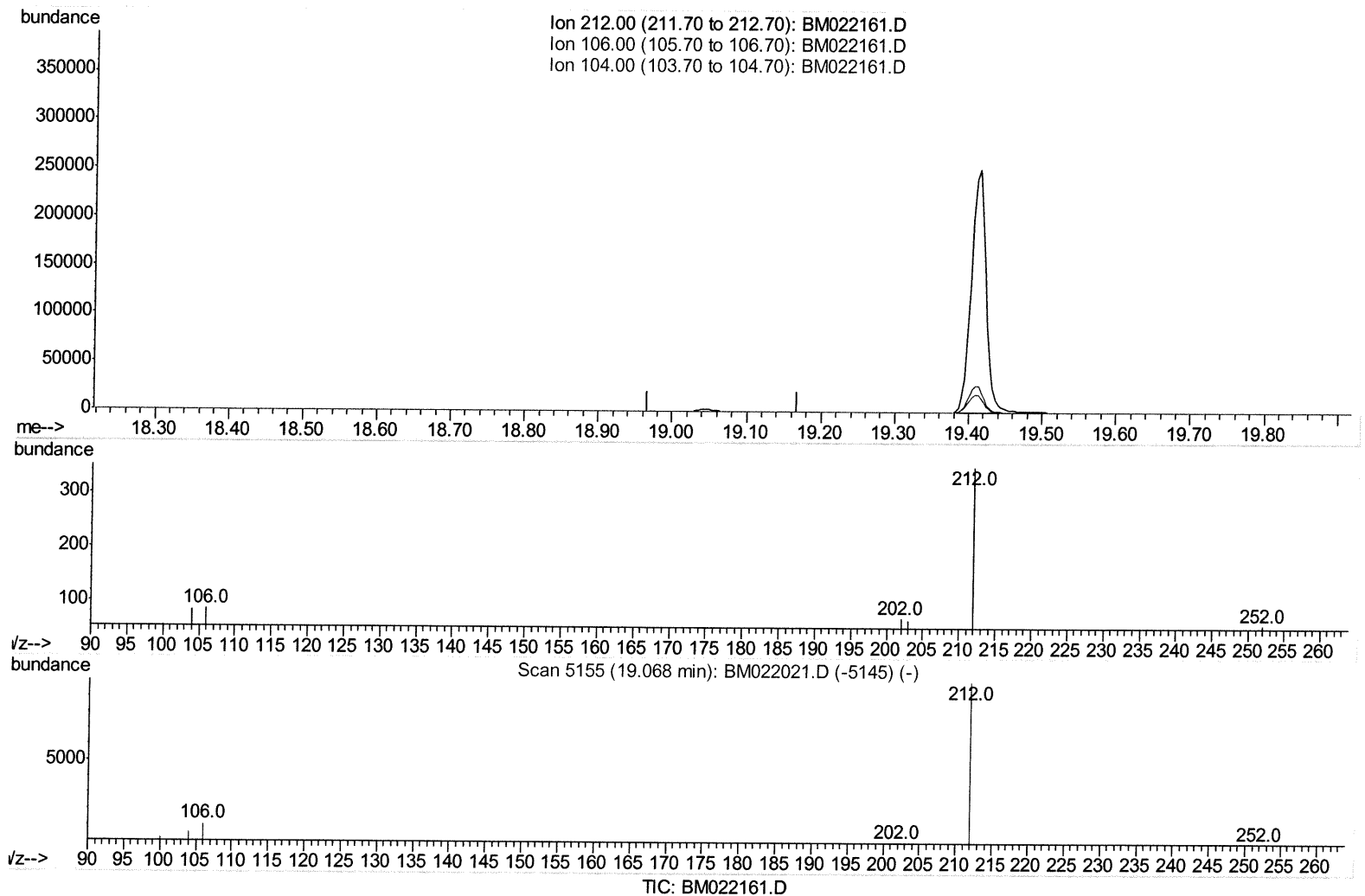
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
Data File : BM022161.D
Acq On : 16 Aug 2019 01:53
Operator : HP/JU
Sample : PB122267BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK67

Manual Integrations
APPROVED

mohammad
8/19/2019 10:46:16 AM

Quant Time: Aug 16 15:30:57 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 : Fri Aug 16 14:59:47 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.068min (-19.068) 0.00ng/ul

response 0

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

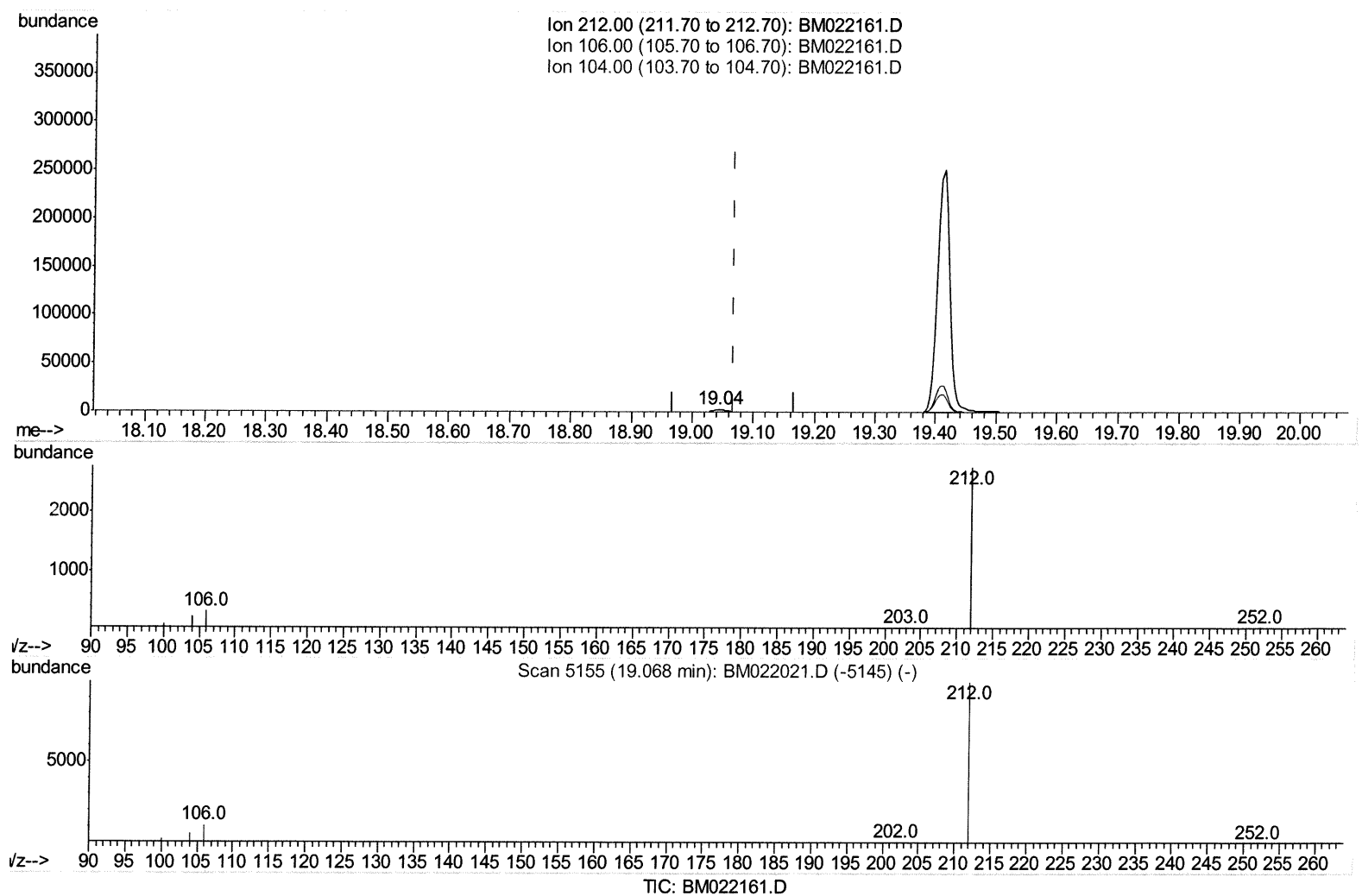
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022161.D
 Acq On : 16 Aug 2019 01:53
 Operator : HP/JU
 Sample : PB122267BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK67

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:46:16 AM

Quant Time: Aug 16 15:30:57 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 : Fri Aug 16 14:59:47 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.043min (-0.025) 0.33ng/ul m

JU
 08/20/19

response 4229

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

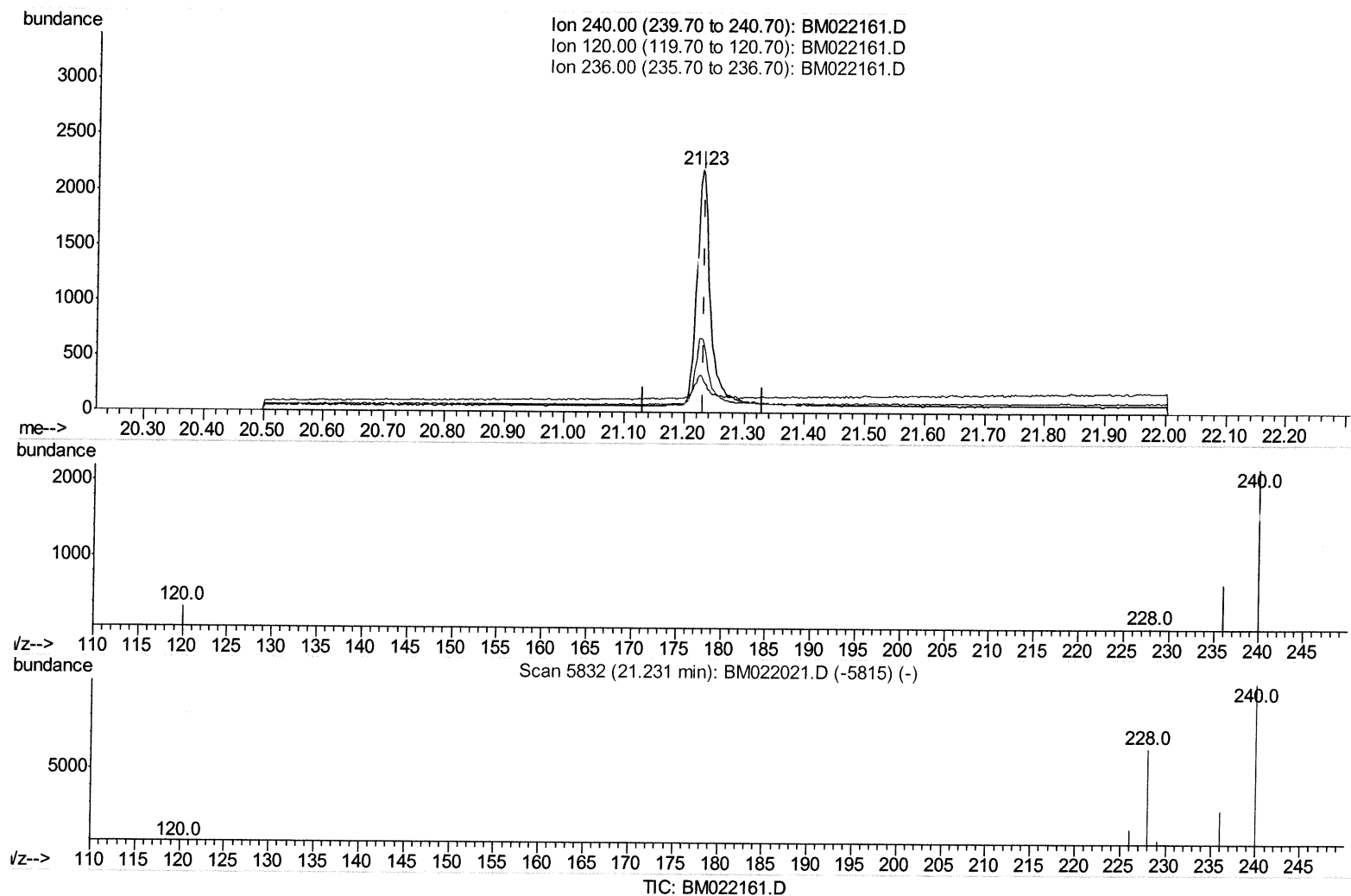
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022161.D
 Acq On : 16 Aug 2019 01:53
 Operator : HP/JU
 Sample : PB122267BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK67

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:46:16 AM

Quant Time: Aug 16 15:30:57 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 : Fri Aug 16 14:59:47 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.227min (-0.005) 0.40ng/ul

response 2658

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.58
236.00	32.30	30.62
0.00	0.00	0.00

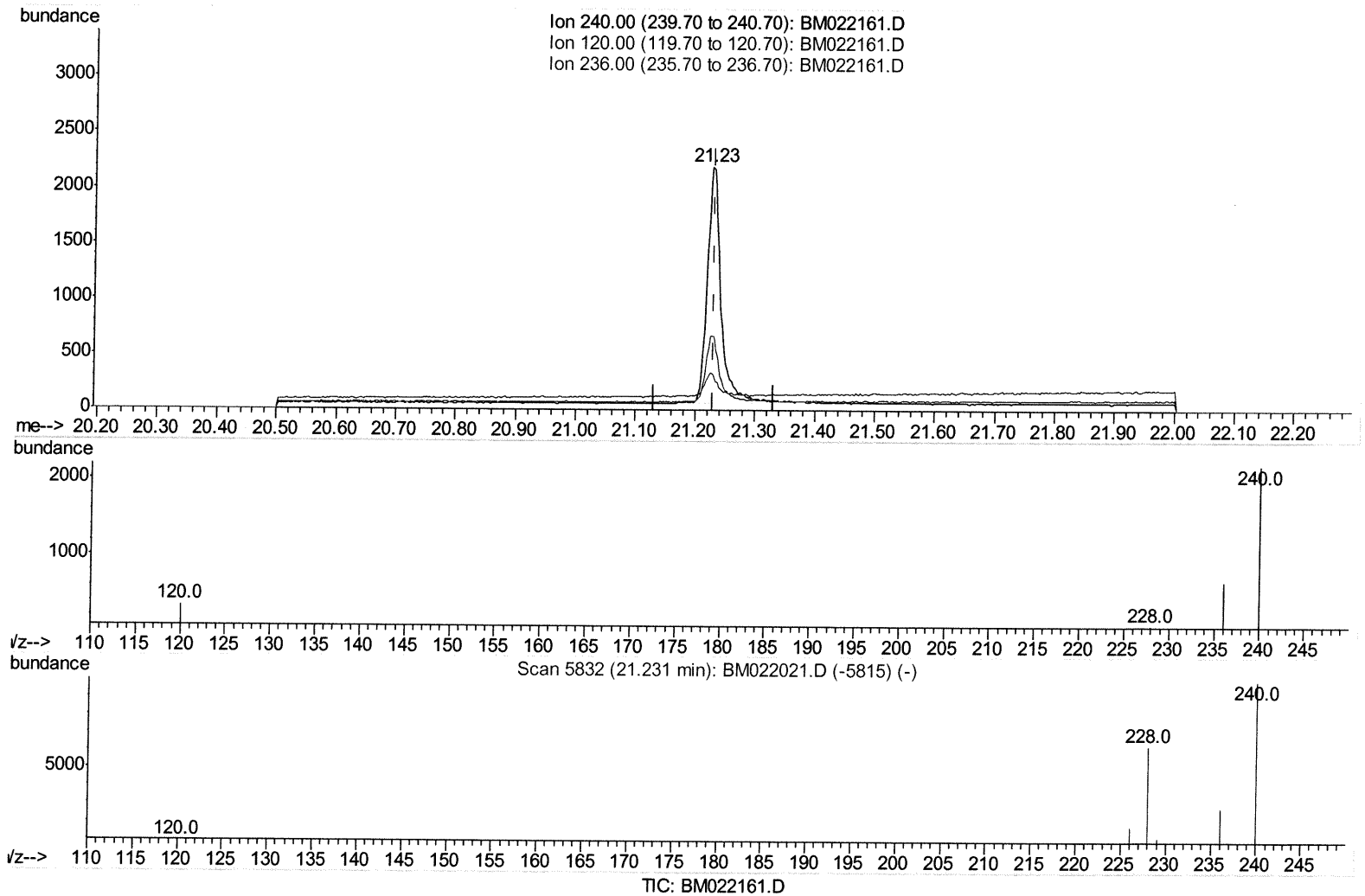
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
Data File : BM022161.D
Acq On : 16 Aug 2019 01:53
Operator : HP/JU
Sample : PB122267BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK67

Manual Integrations
APPROVED

mohammad
8/19/2019 10:46:16 AM

Quant Time: Aug 16 15:30:57 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 : Fri Aug 16 14:59:47 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.227min (-0.005) 0.40ng/ul m

JU
08/20/19

response 3351

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.58
236.00	32.30	30.62
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022161.D
 Acq On : 16 Aug 2019 01:53
 Operator : HP/JU
 Sample : PB122267BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK67

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:46:16 AM

Quant Time: Aug 16 15:31:59 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 : Fri Aug 16 14:59:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	734	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3122	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	1666	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	3754m →	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	3351m →	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	4375	0.40	ng/ul	-0.02

JU 08/20/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.99	152	1839	0.36	ng/ul	-0.02
14) Fluoranthene-d10	19.04	212	4229m →	0.33	ng/ul	-0.03

JU 08/20/19

Target Compounds	Ovalue
------------------	--------

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