

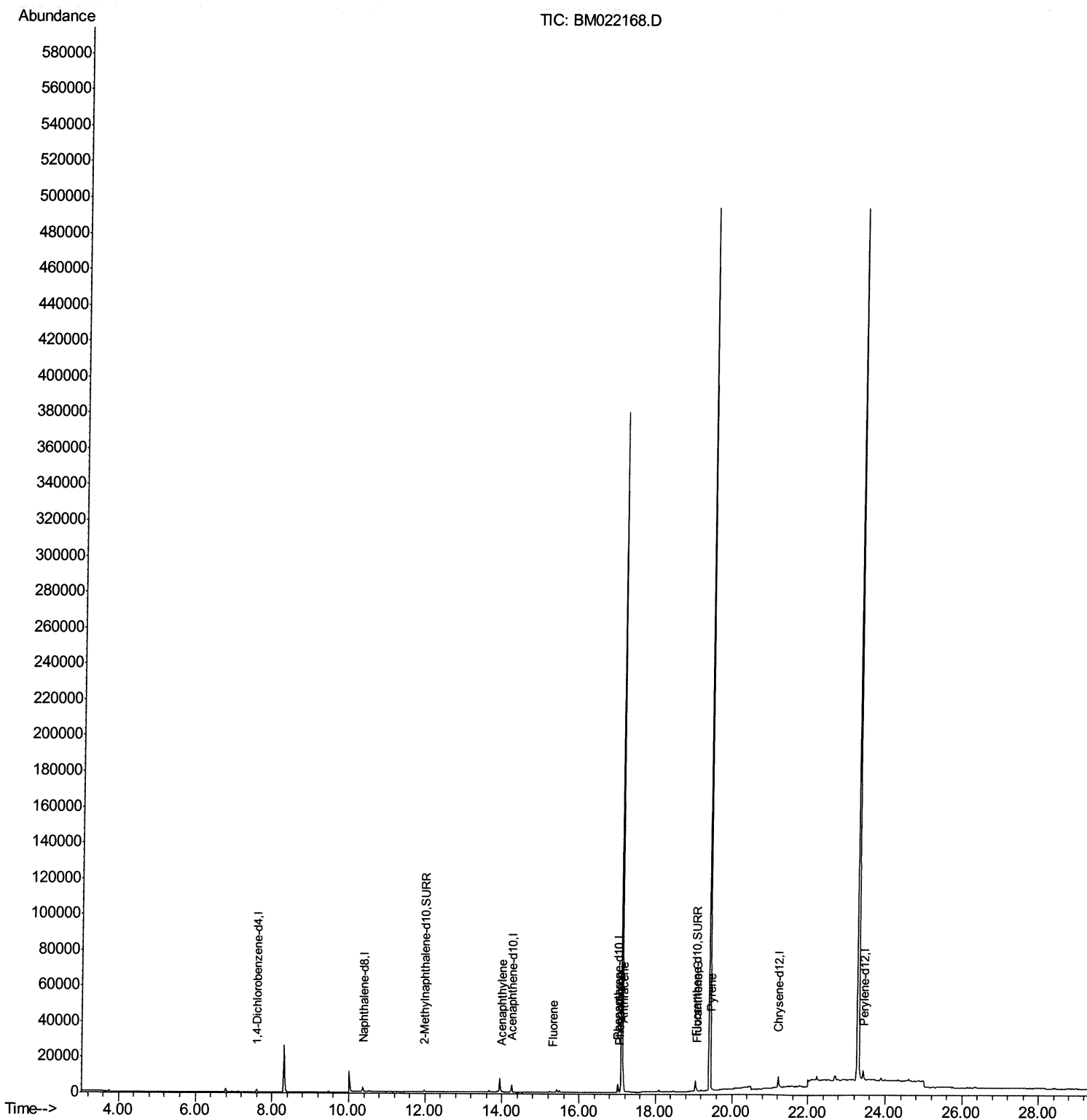
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
Data File : BM022168.D
Acq On : 16 Aug 2019 06:08
Operator : HP/JU
Sample : K4337-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE6

Manual Integrations
APPROVED

mohammad
8/19/2019 10:46:32 AM

Quant Time: Aug 16 16:18:44 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



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 ALS Vial : 23 Sample Multiplier: 1

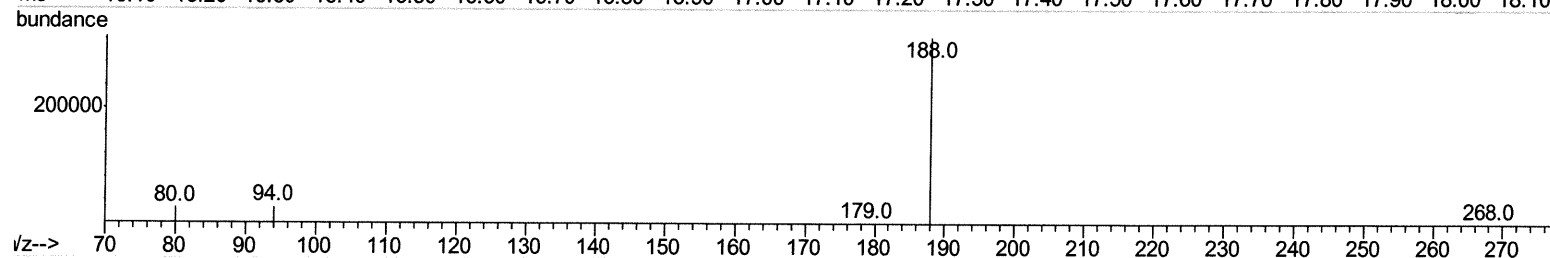
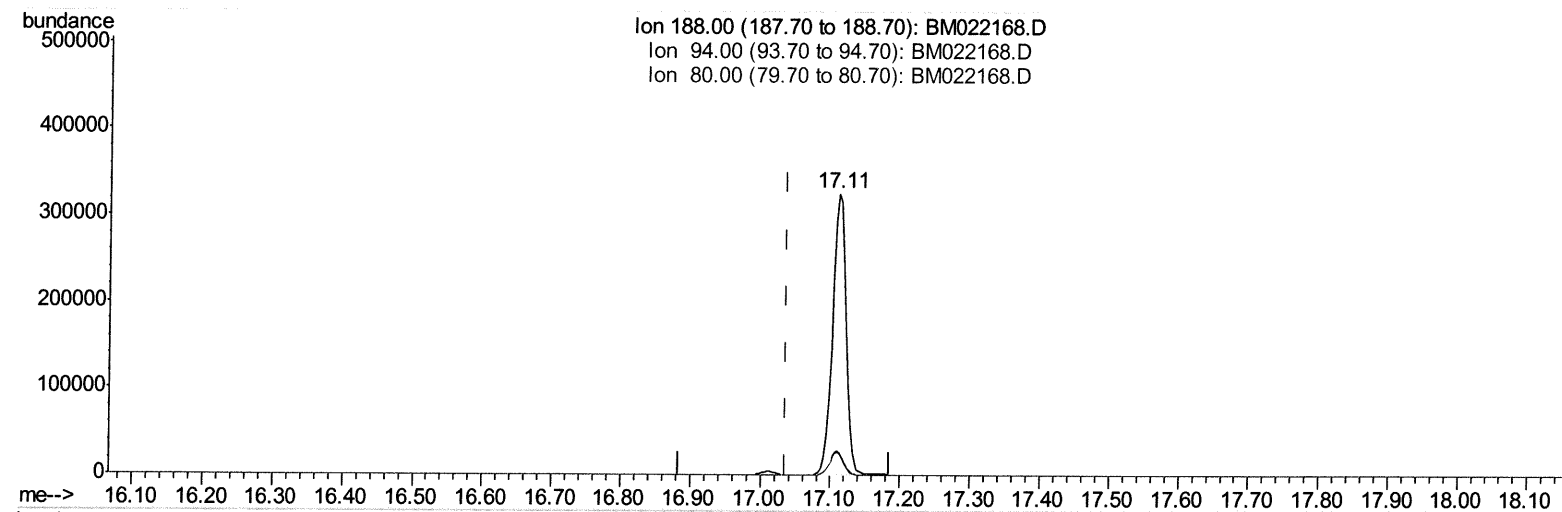
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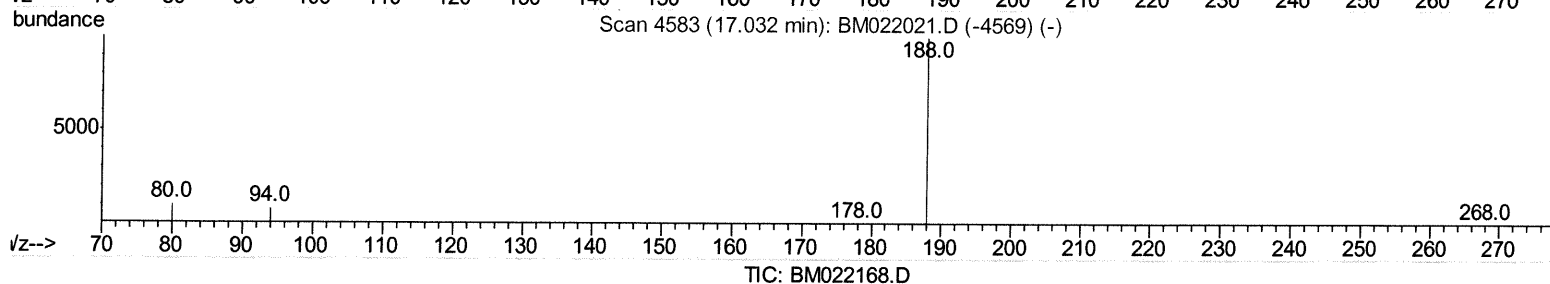
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Ion 188.00 (187.70 to 188.70): BM022168.D
 Ion 94.00 (93.70 to 94.70): BM022168.D
 Ion 80.00 (79.70 to 80.70): BM022168.D



Scan 4583 (17.032 min): BM022021.D (-4569) (-)



(10) Phenanthrene-d10 (I)

17.110min (+0.075) 0.40ng/ul

response 438177

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.59
80.00	11.40	8.17#
0.00	0.00	0.00

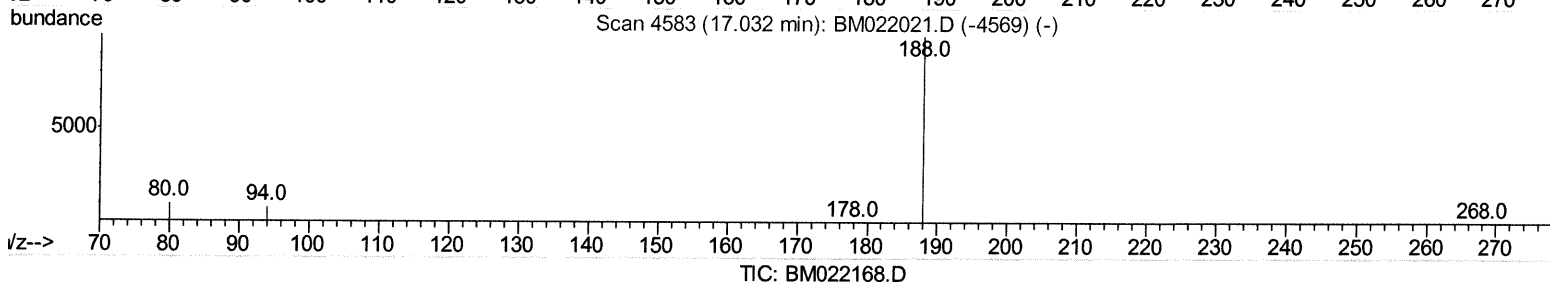
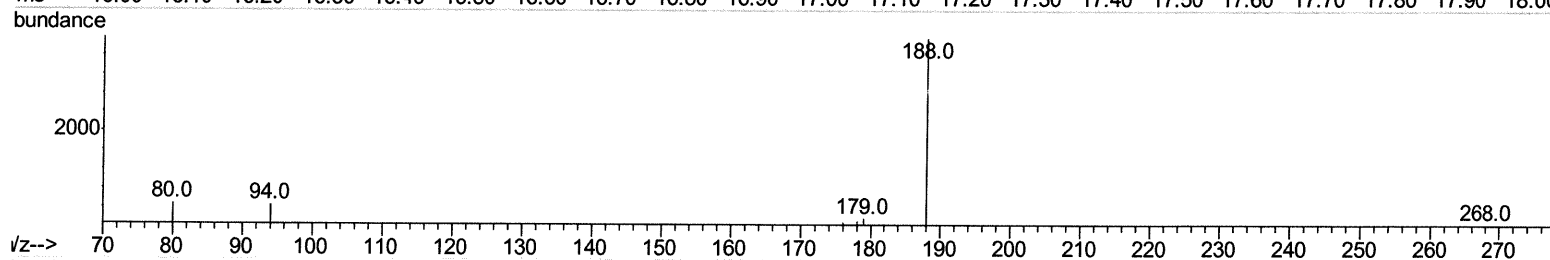
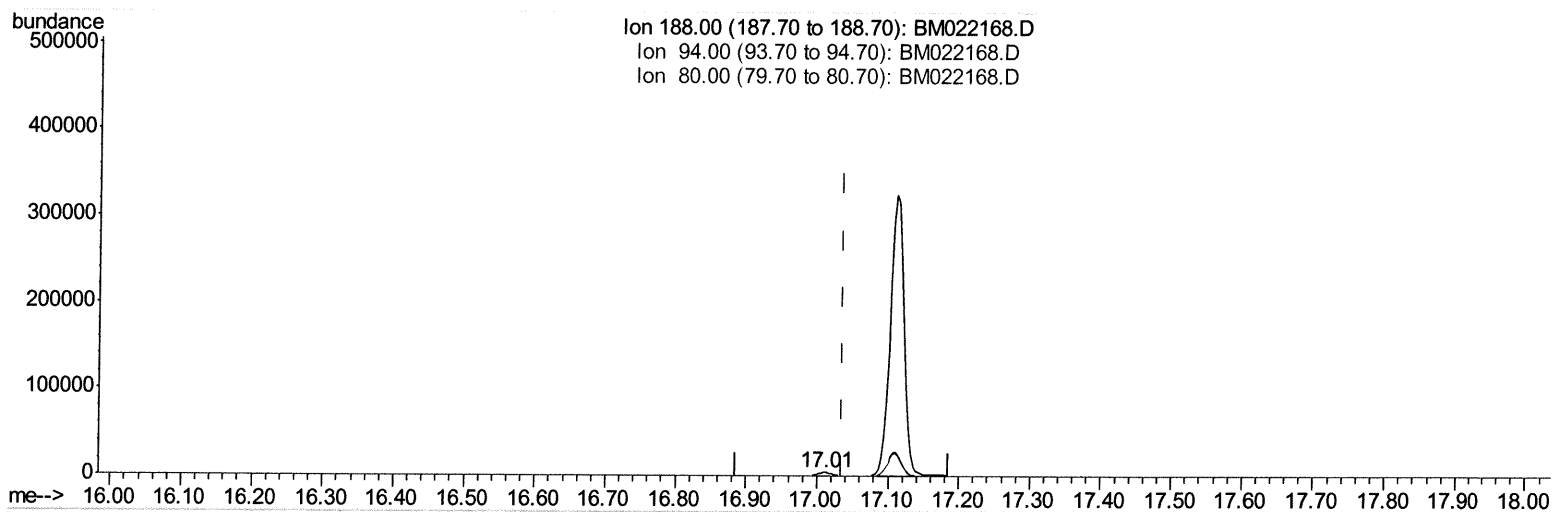
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(10) Phenanthrene-d10 (I)

17.010min (-0.026) 0.40ng/ul m

JU
08/20/19

response 5631

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.46
80.00	11.40	12.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022168.D
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 Operator : HP/JU
 Sample : K4337-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

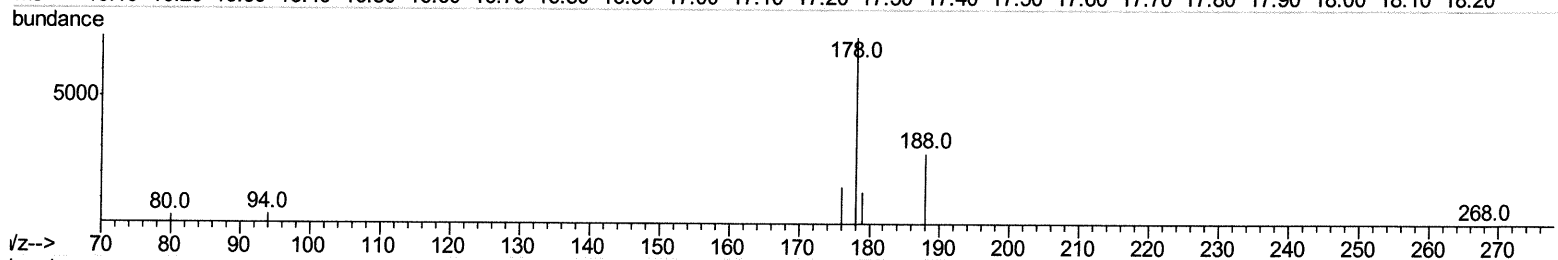
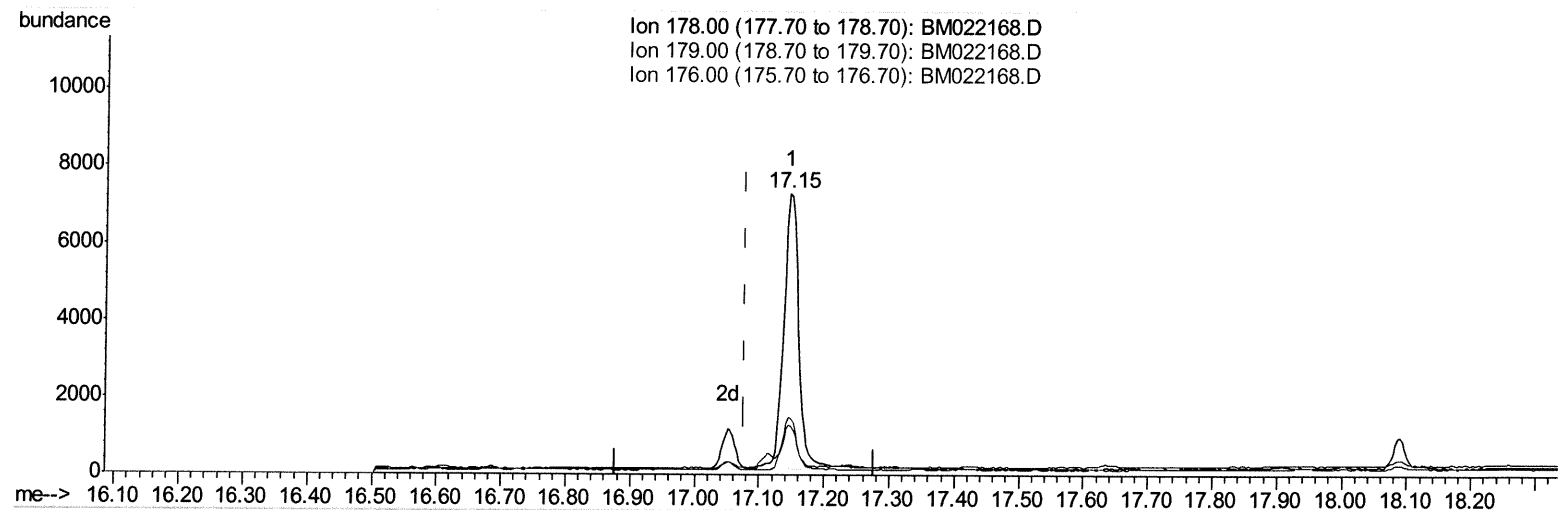
Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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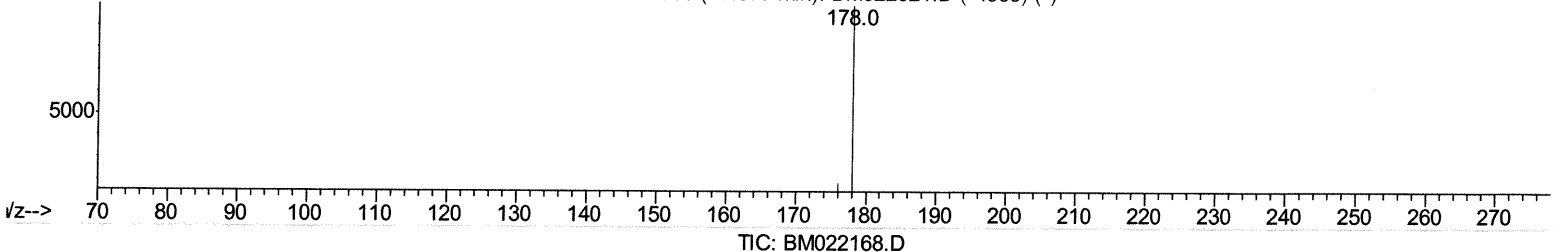
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Ion 178.00 (177.70 to 178.70): BM022168.D
 Ion 179.00 (178.70 to 179.70): BM022168.D
 Ion 176.00 (175.70 to 176.70): BM022168.D



Scan 4596 (17.077 min): BM022021.D (-4585) (-)



(12) Phenanthrene

17.145min (+0.068) 0.73ng/ul

response 11951

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	17.65
176.00	21.00	20.33
0.00	0.00	0.00

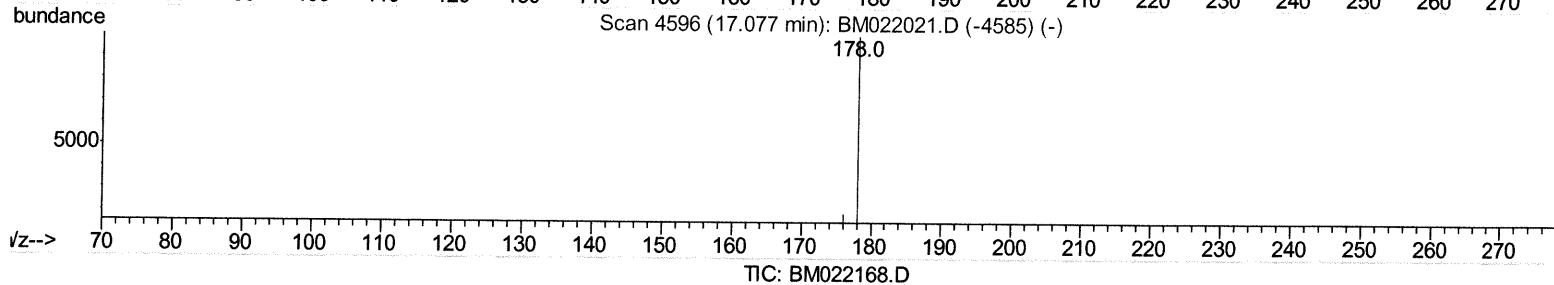
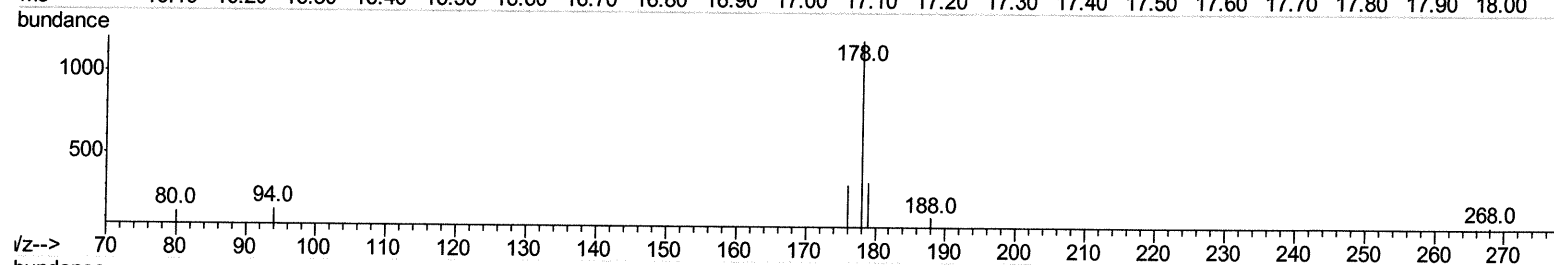
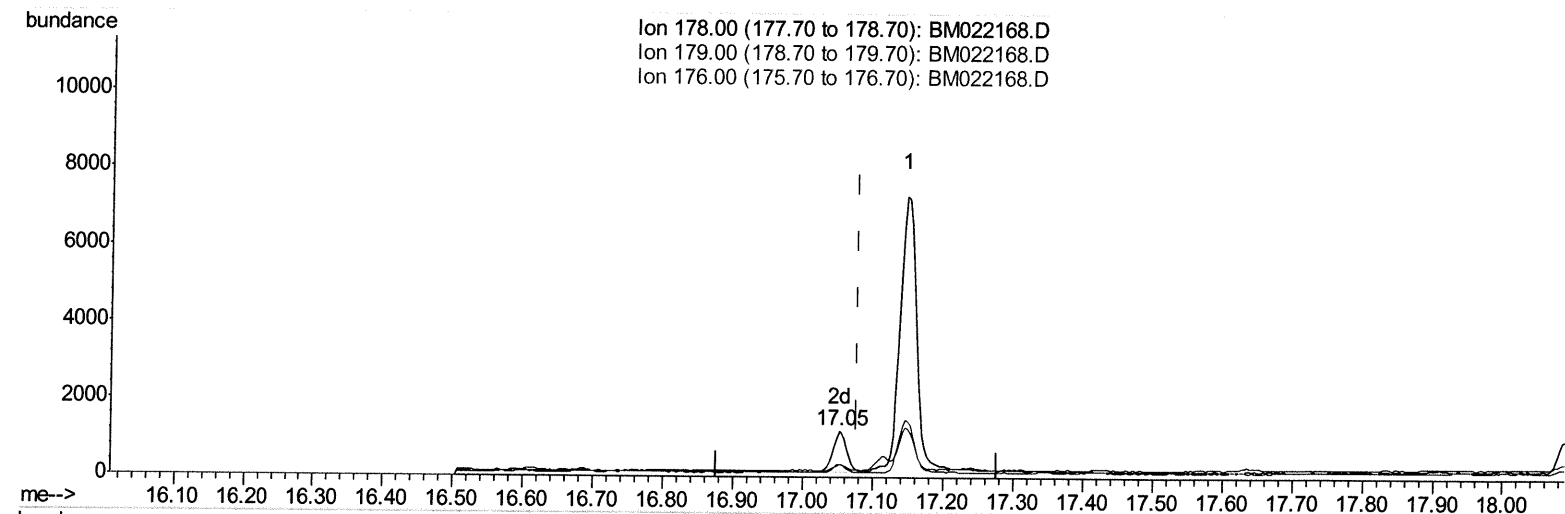
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 Data File : BM022168.D
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 Operator : HP/JU
 Sample : K4337-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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mohammad
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(12) Phenanthrene

17.051min (-0.026) 0.09ng/ul m

Jv
08/20/19

response 1514

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	27.75#
176.00	21.00	26.92#
0.00	0.00	0.00

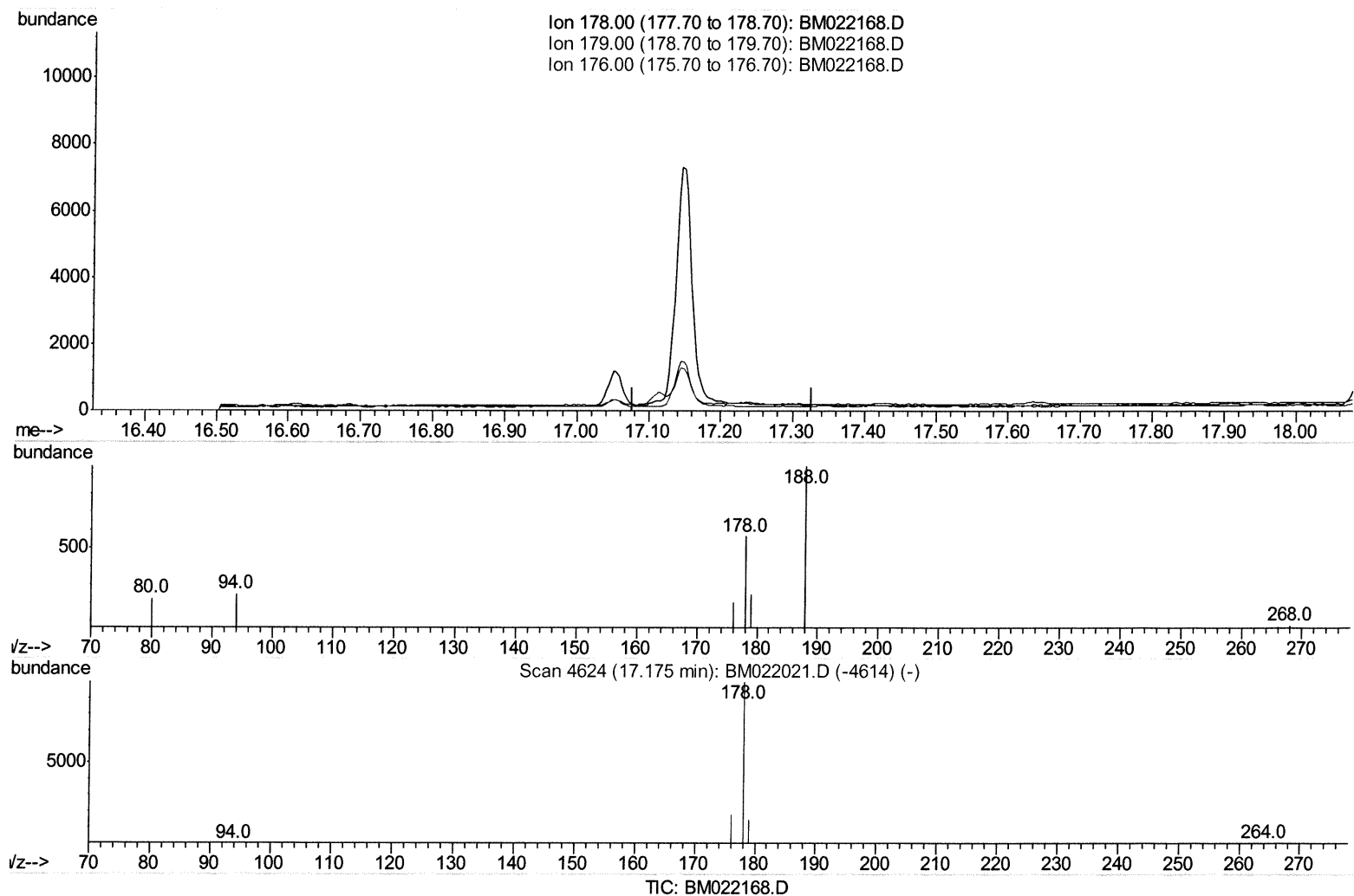
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022168.D
 Acq On : 16 Aug 2019 06:08
 Operator : HP/JU
 Sample : K4337-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE6

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:46:32 AM

Quant Time: Aug 16 16:16:40 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



(13) Anthracene

17.178min (-17.178) 0.00ng/ul

response 0

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

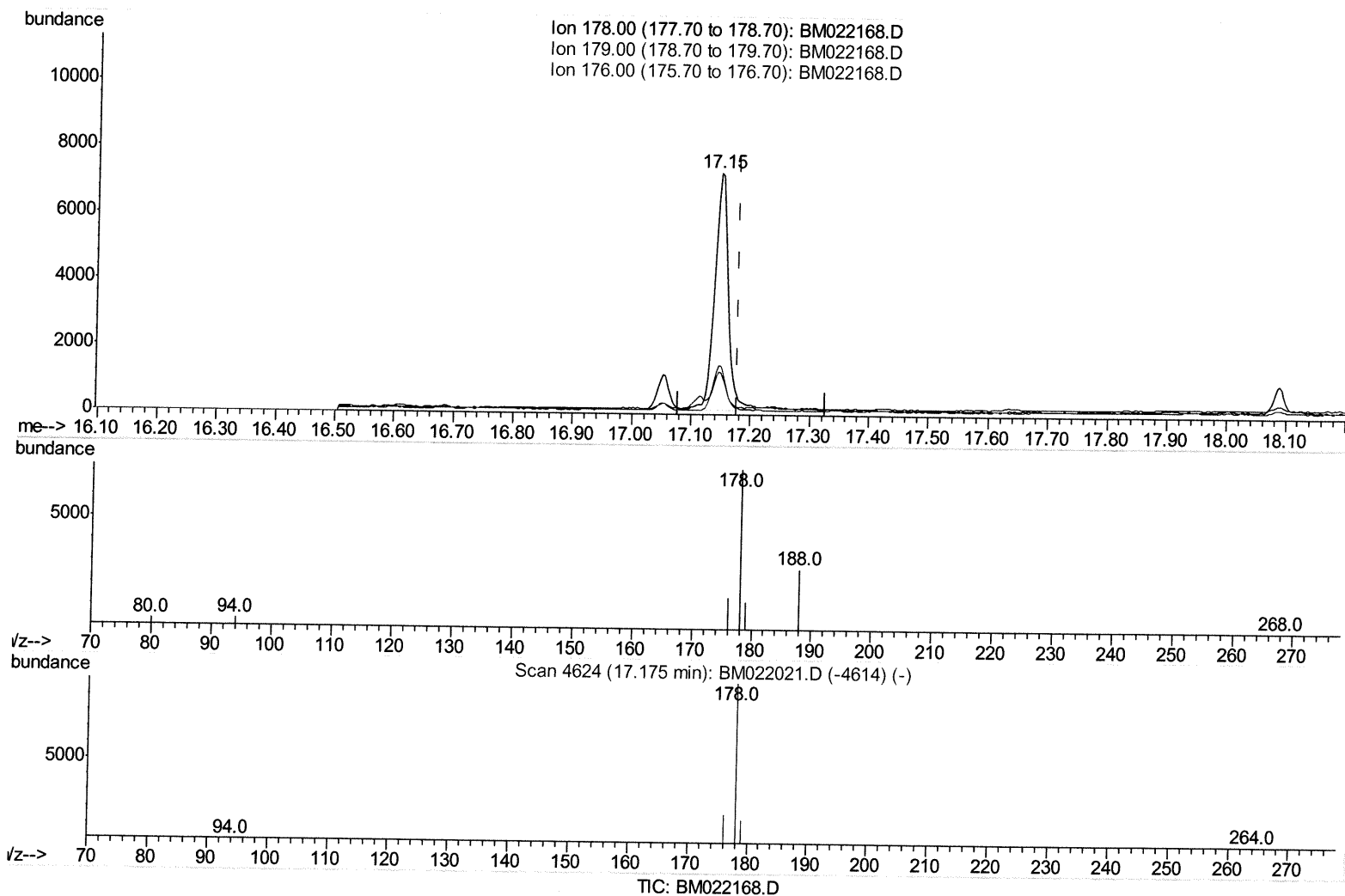
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022168.D
 Acq On : 16 Aug 2019 06:08
 Operator : HP/JU
 Sample : K4337-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE6

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:46:32 AM

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 Response via : Initial Calibration



(13) Anthracene

17.145min (-0.033) 0.83ng/ul m

JU
 08/20/19

response 11612

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	17.65
176.00	20.80	20.33
0.00	0.00	0.00

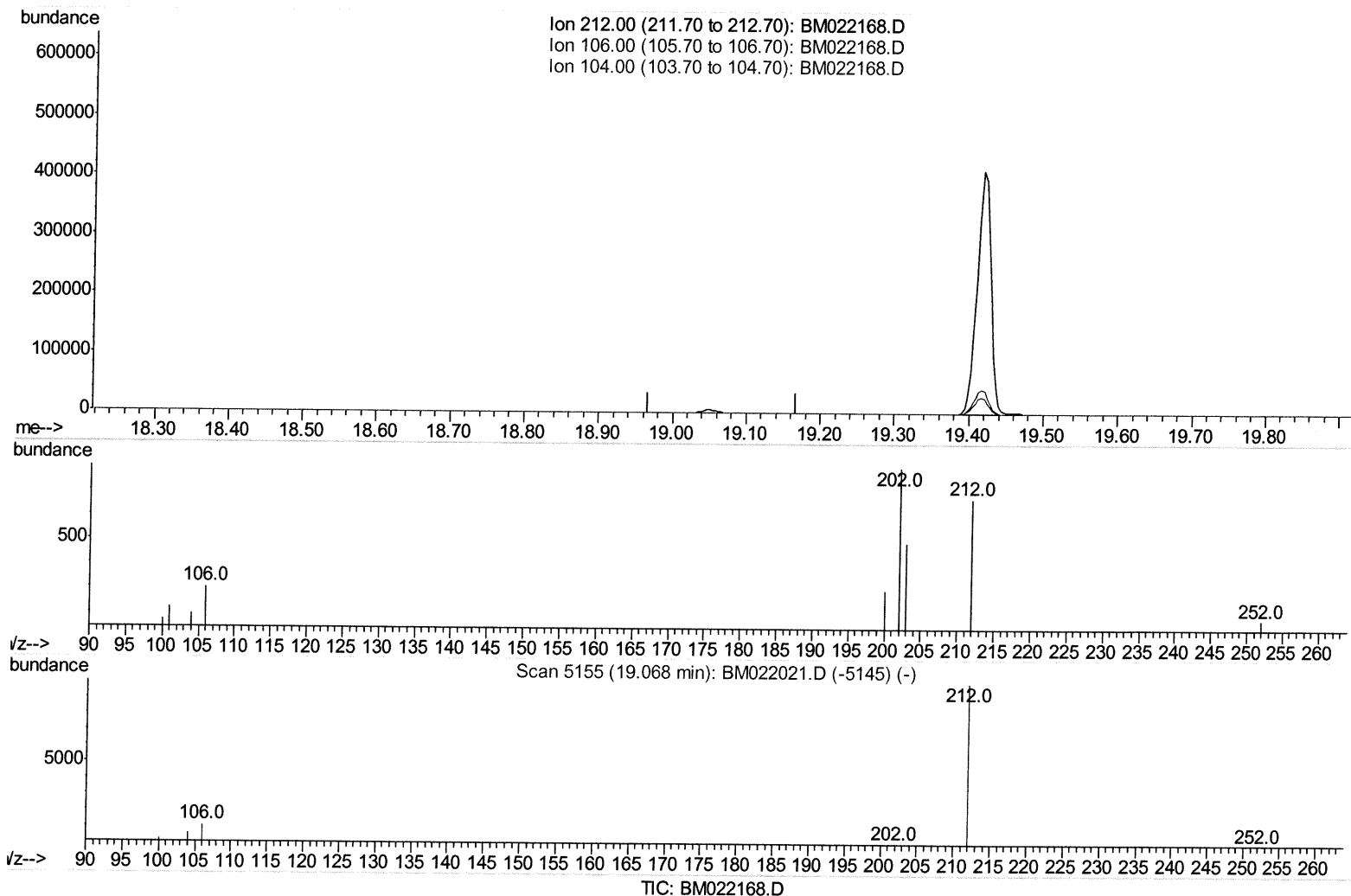
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022168.D
 Acq On : 16 Aug 2019 06:08
 Operator : HP/JU
 Sample : K4337-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE6

Manual Integrations
 APPROVED

mohammad
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(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

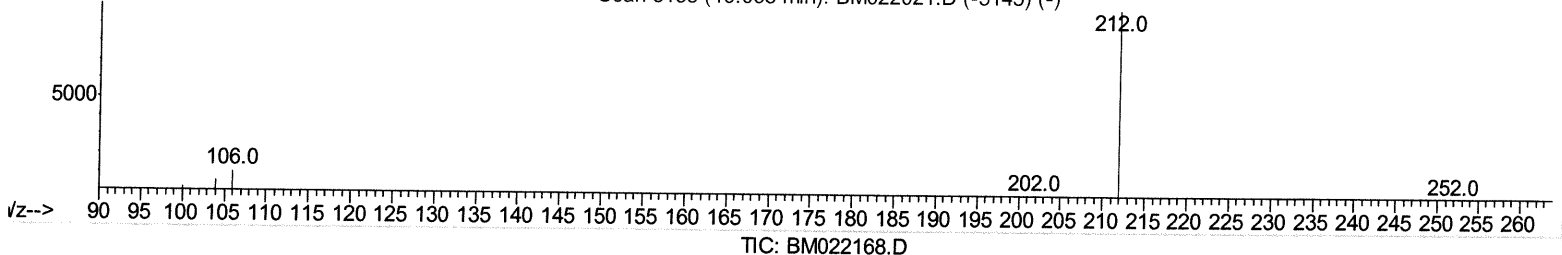
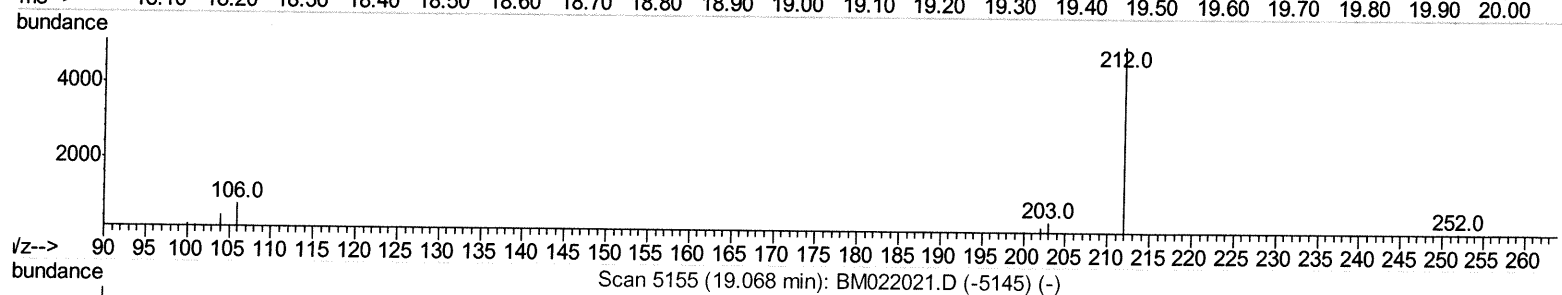
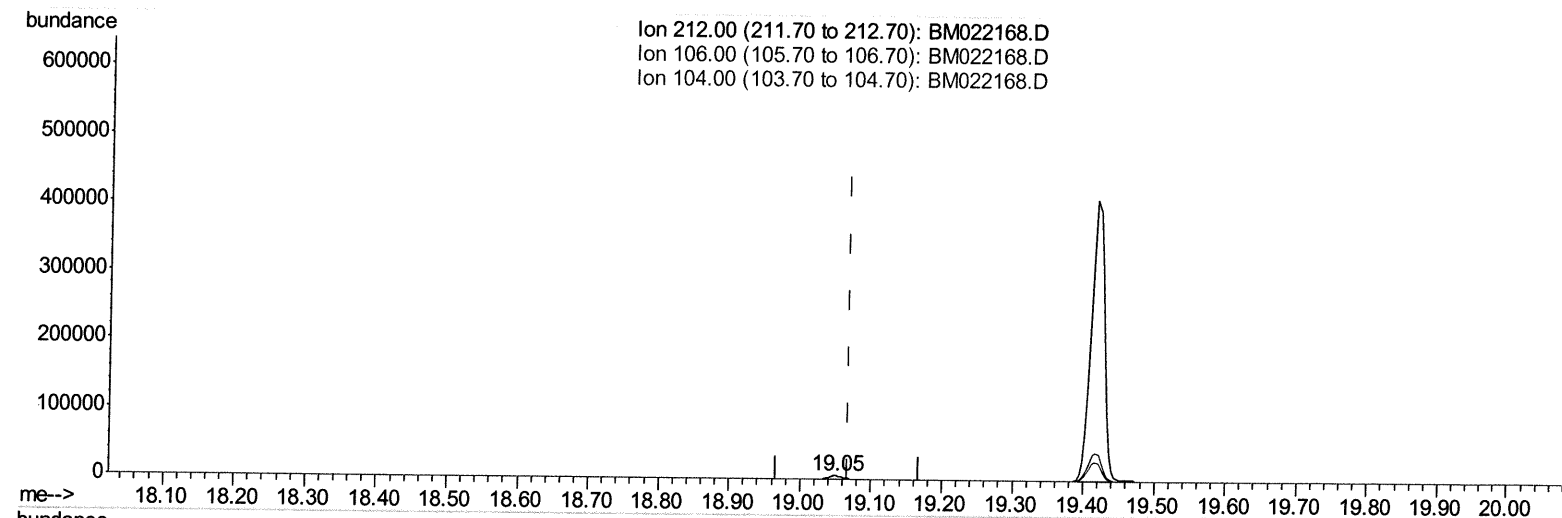
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022168.D
 Acq On : 16 Aug 2019 06:08
 Operator : HP/JU
 Sample : K4337-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.051min (-0.017) 0.38ng/ul m

JU
08/20/19

response 7266

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

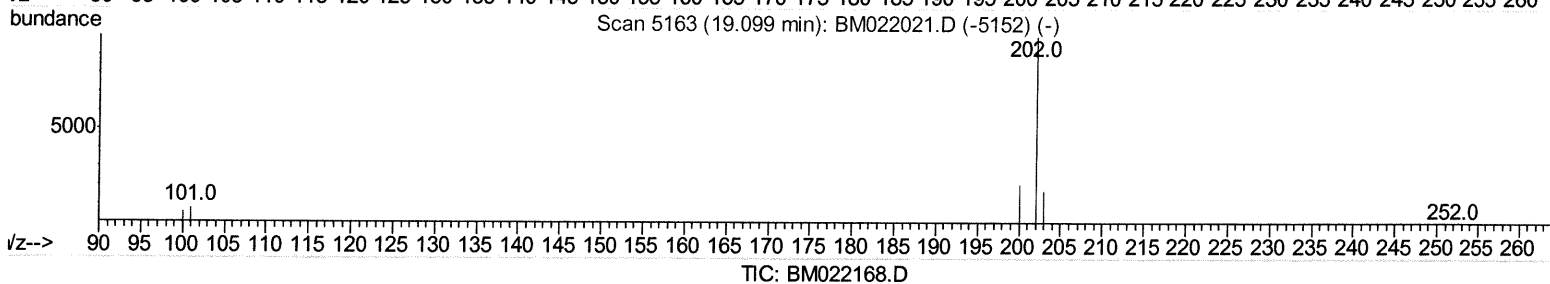
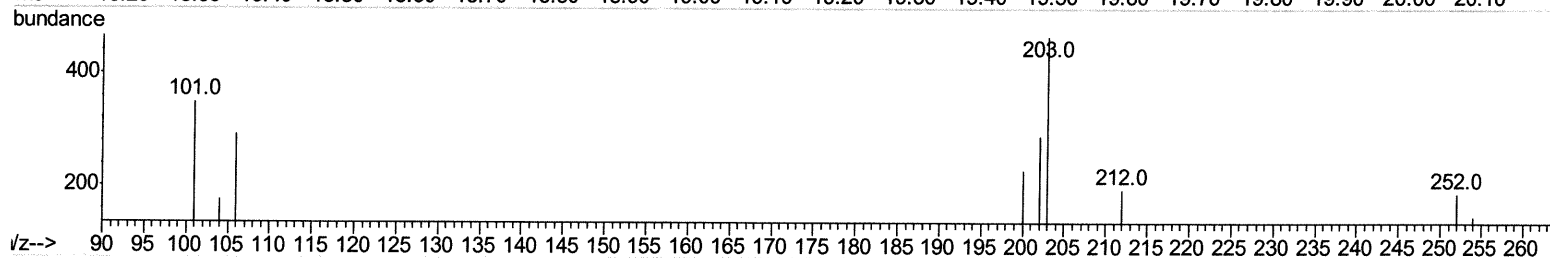
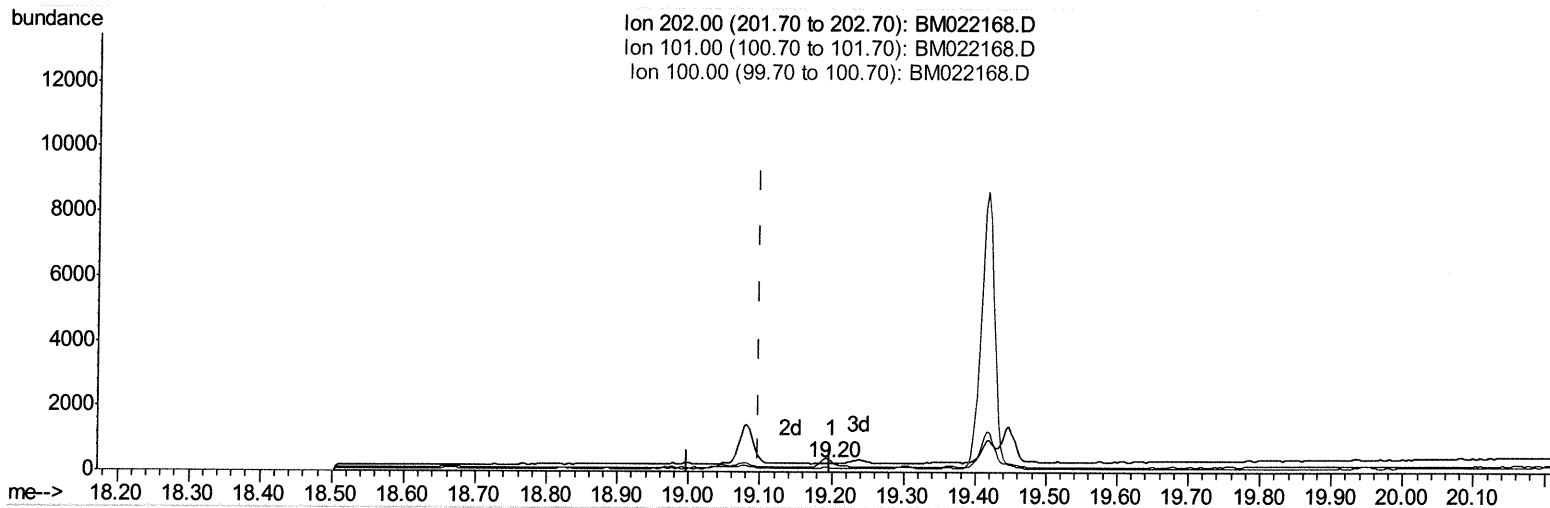
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022168.D
 Acq On : 16 Aug 2019 06:08
 Operator : HP/JU
 Sample : K4337-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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(15) Fluoranthene (C)

19.199min (+0.101) 0.00ng/ul

response 61

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	120.34#
100.00	8.10	46.55#
0.00	0.00	0.00

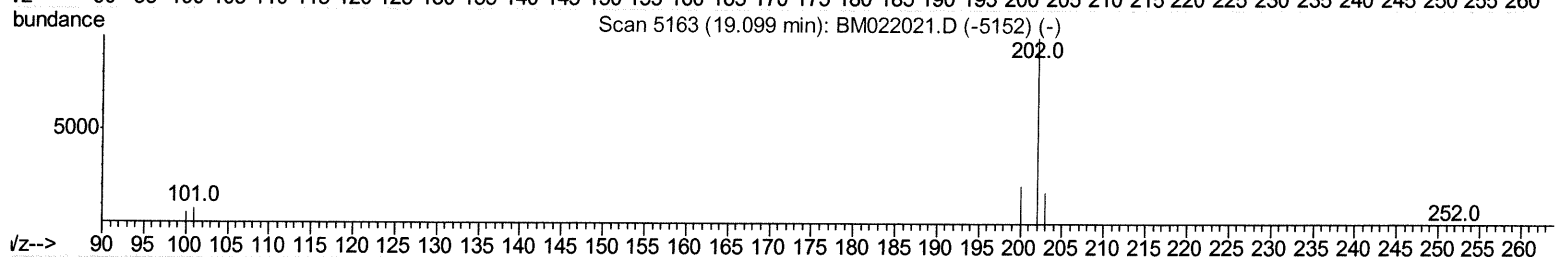
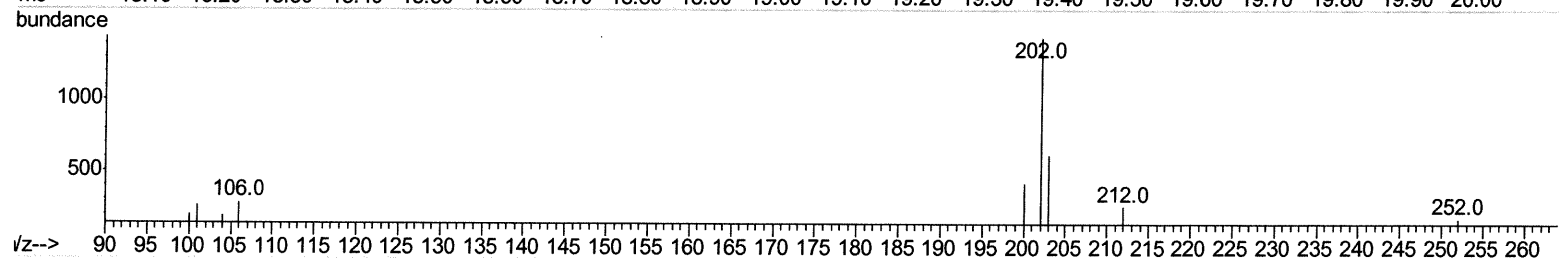
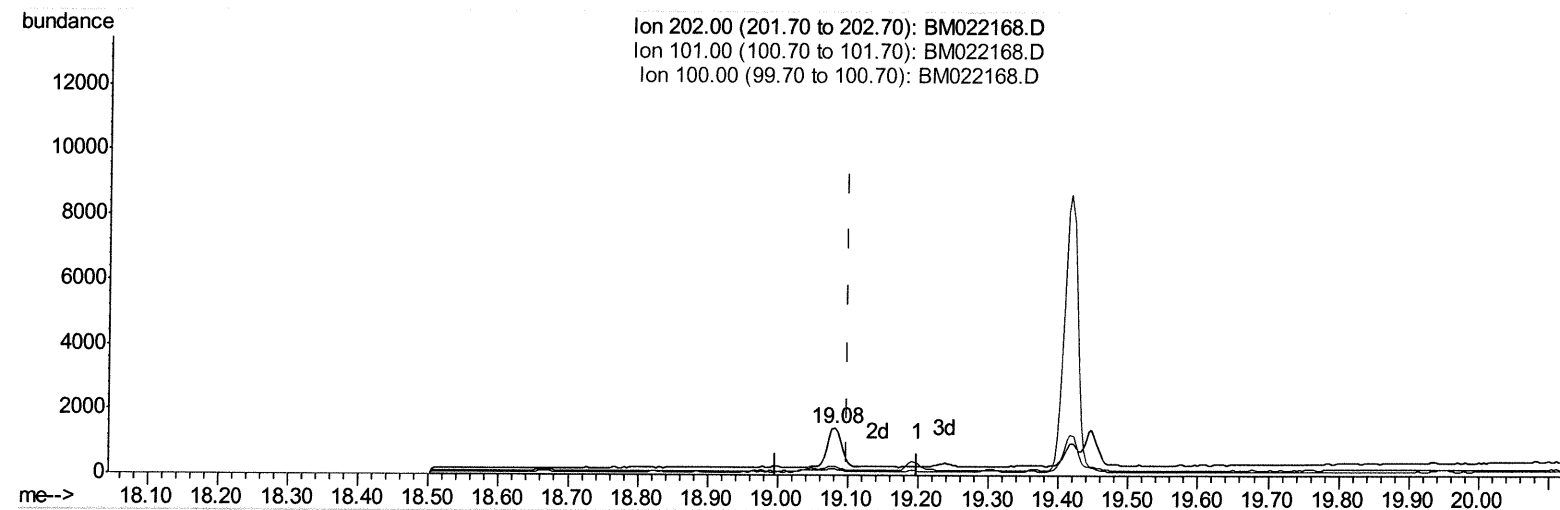
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 Misc :
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Manual Integrations
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TIC: BM022168.D

(15) Fluoranthene (C)

19.081min (-0.017) 0.08ng/ul m

JU 8/20/19

response 1794

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	18.21
100.00	8.10	13.85
0.00	0.00	0.00

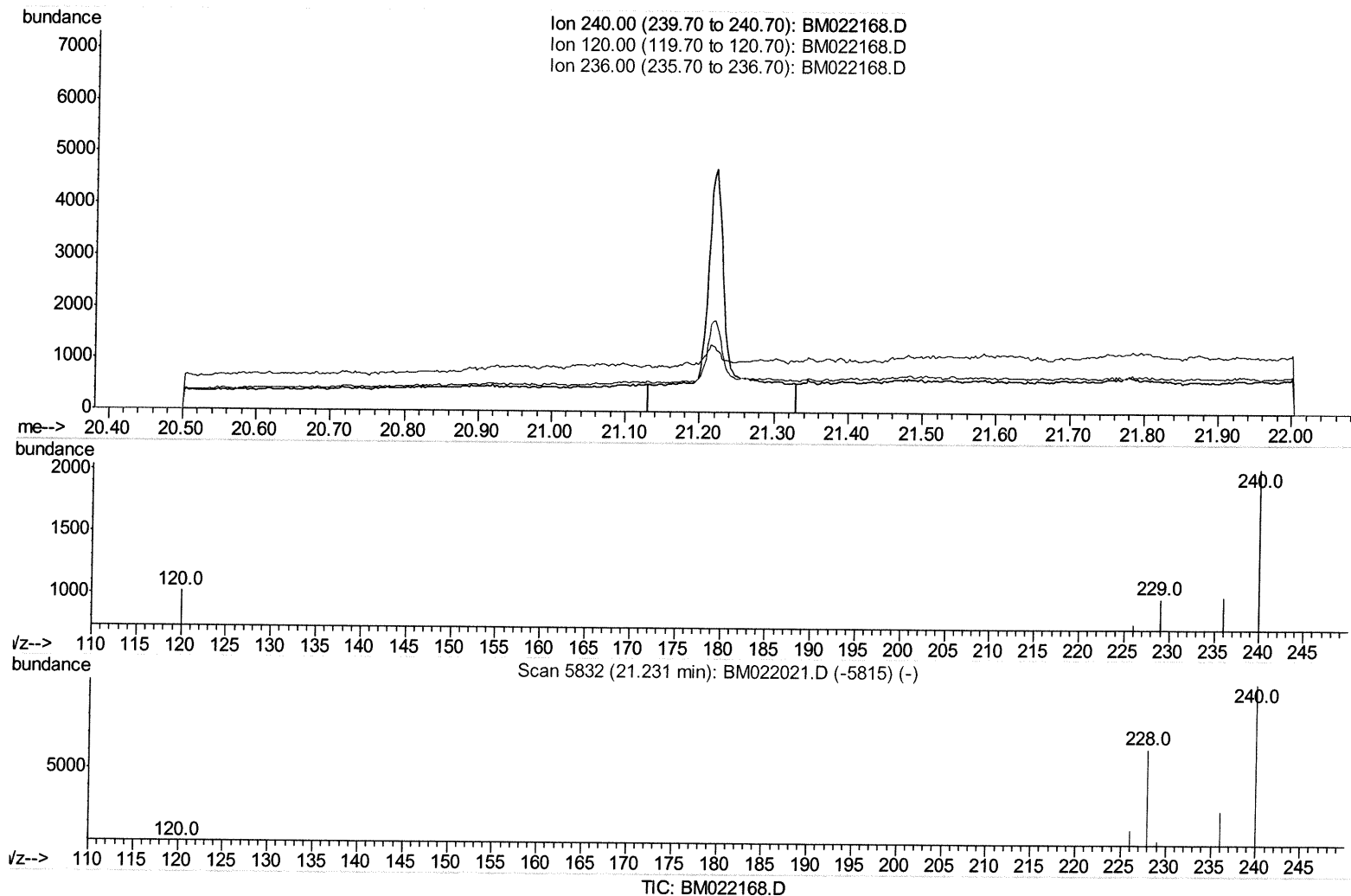
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(16) Chrysene-d12 (I)

21.231min (-21.231) 0.00ng/ul

response 0

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

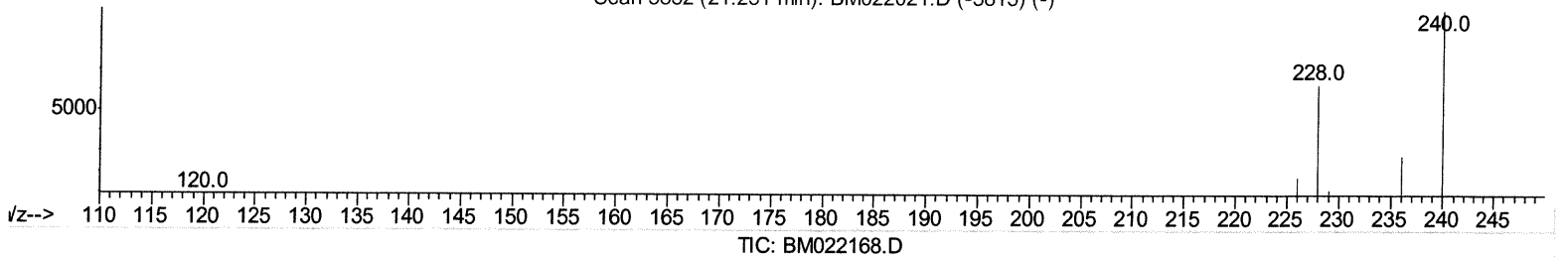
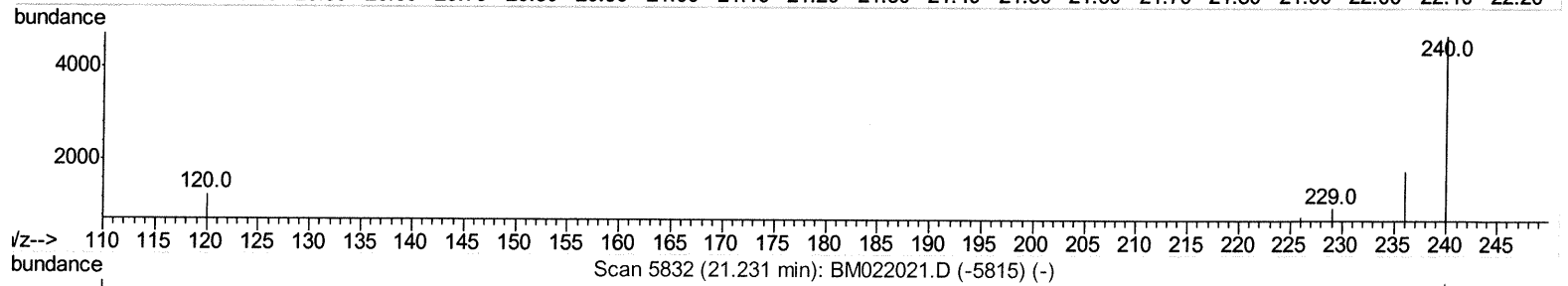
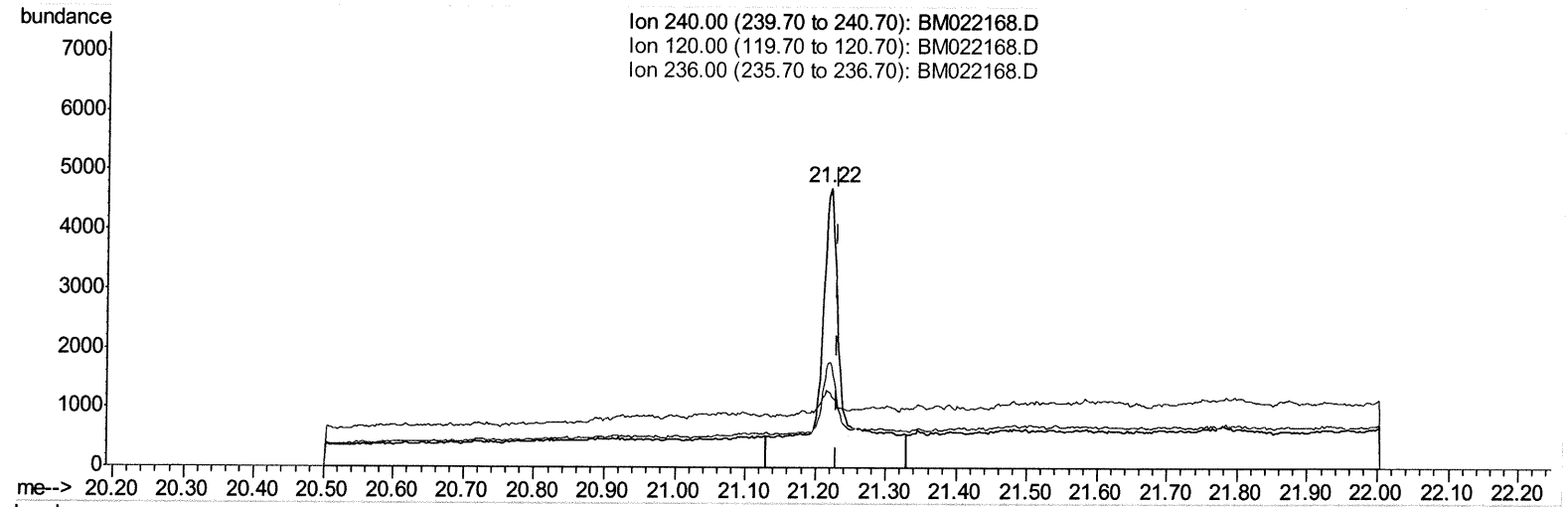
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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(16) Chrysene-d12 (I)

21.220min (-0.012) 0.40ng/ul m

JU
08/20/19

response 5560

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	26.76#
236.00	32.30	37.85
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	857	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3786	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	2302	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	5631m →	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	5560m →	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	7029	0.40	ng/ul	-0.01

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.98	152	2288	0.37	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	7266m →	0.38	ng/ul	-0.02

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Target Compounds

					Ovalue	
7) Acenaphthylene	13.98	152	718	0.067	ng/ul#	57
9) Fluorene	15.31	166	306	0.031	ng/ul#	80
12) Phenanthrene	17.05	178	1514m →	0.092	ng/ul	
13) Anthracene	17.15	178	11612m →	0.831	ng/ul	
15) Fluoranthene	19.08	202	1794m →	0.082	ng/ul	
17) Pyrene	19.45	202	1402	0.061	ng/ul#	74

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