

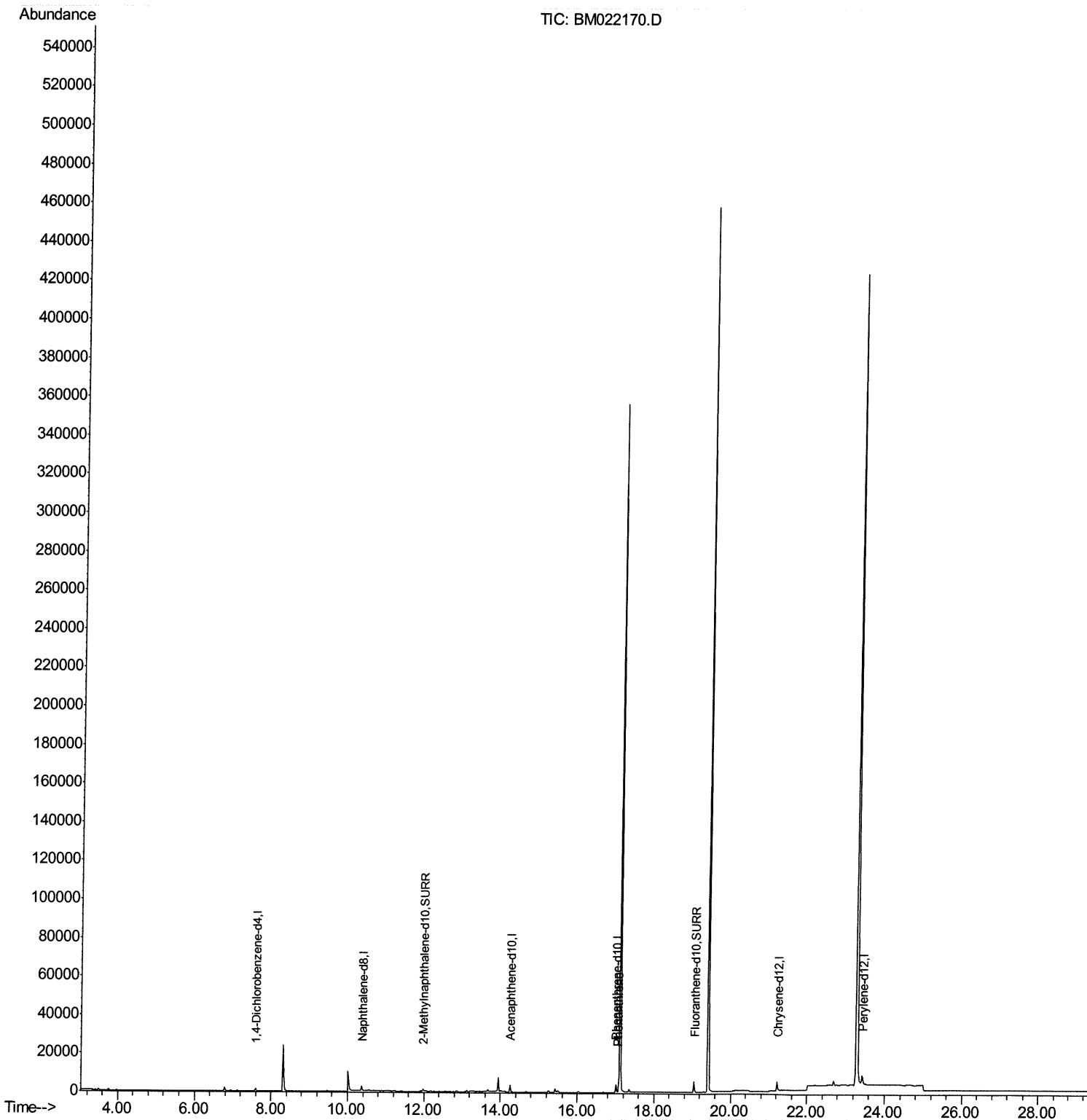
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
Data File : BM022170.D
Acq On : 16 Aug 2019 07:21
Operator : HP/JU
Sample : K4337-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG2

Quant Time: Aug 16 16:33:54 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

Manual Integrations
APPROVED

mohammad
8/19/2019 10:46:42 AM



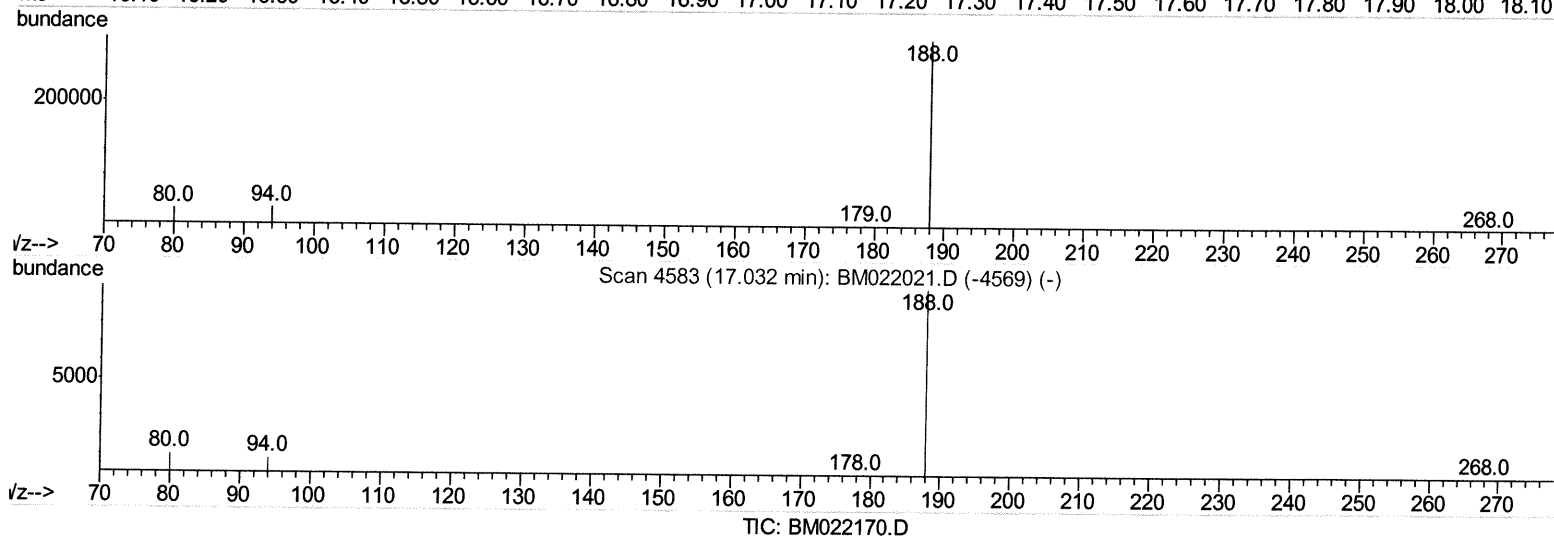
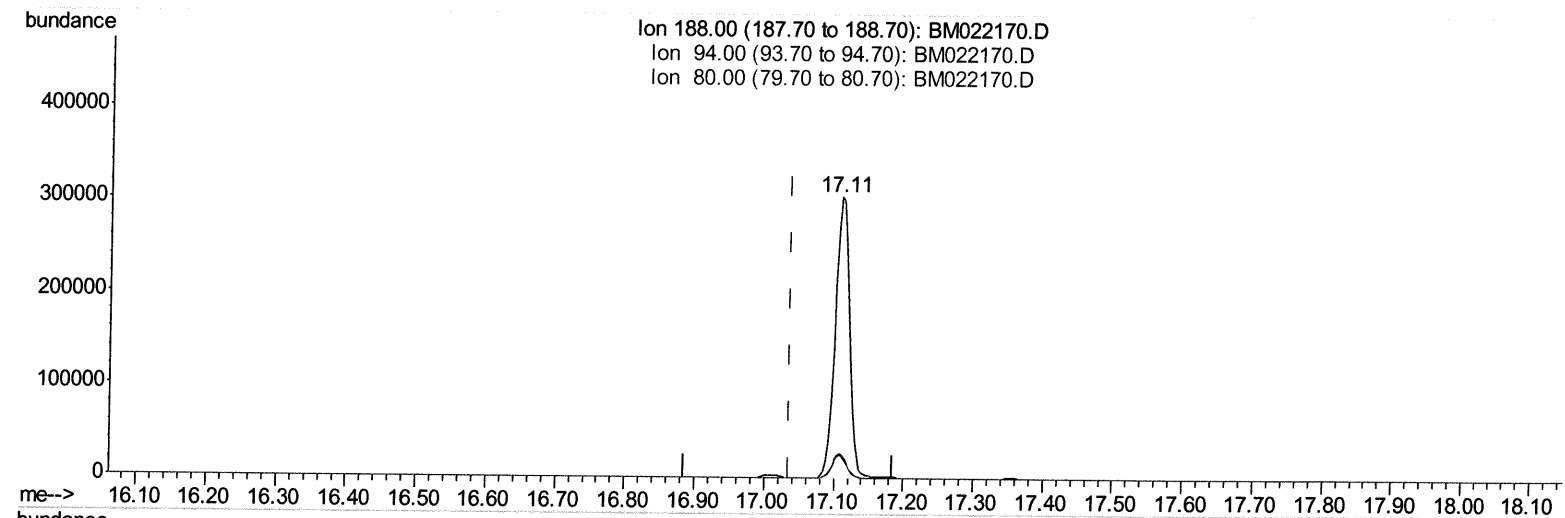
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(10) Phenanthrene-d10 (I)

17.109min (+0.073) 0.40ng/ul

response 435007

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.80
80.00	11.40	8.24#
0.00	0.00	0.00

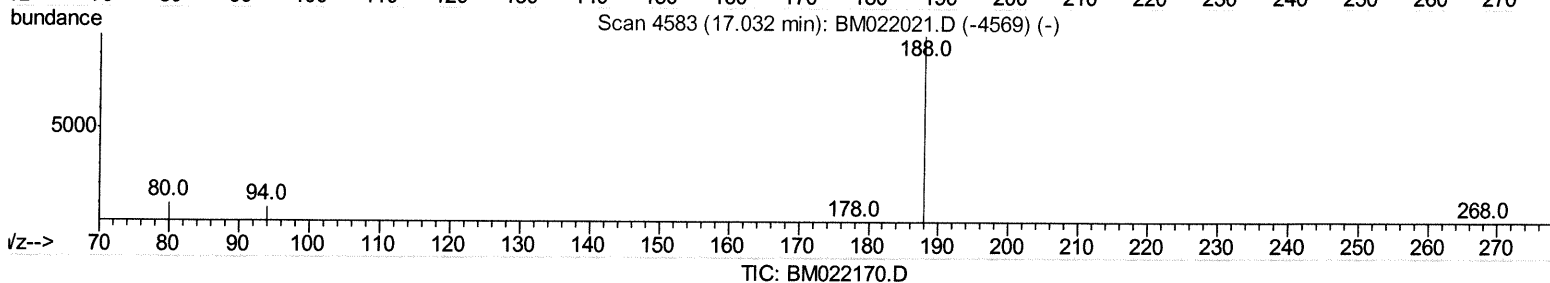
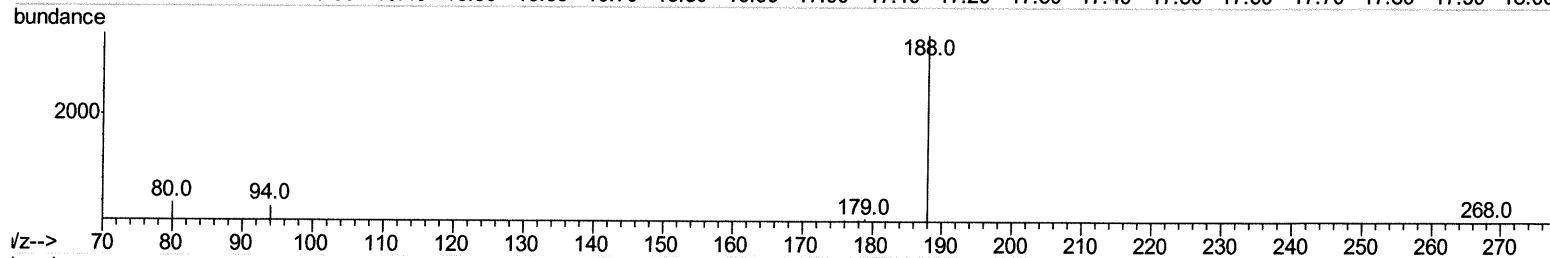
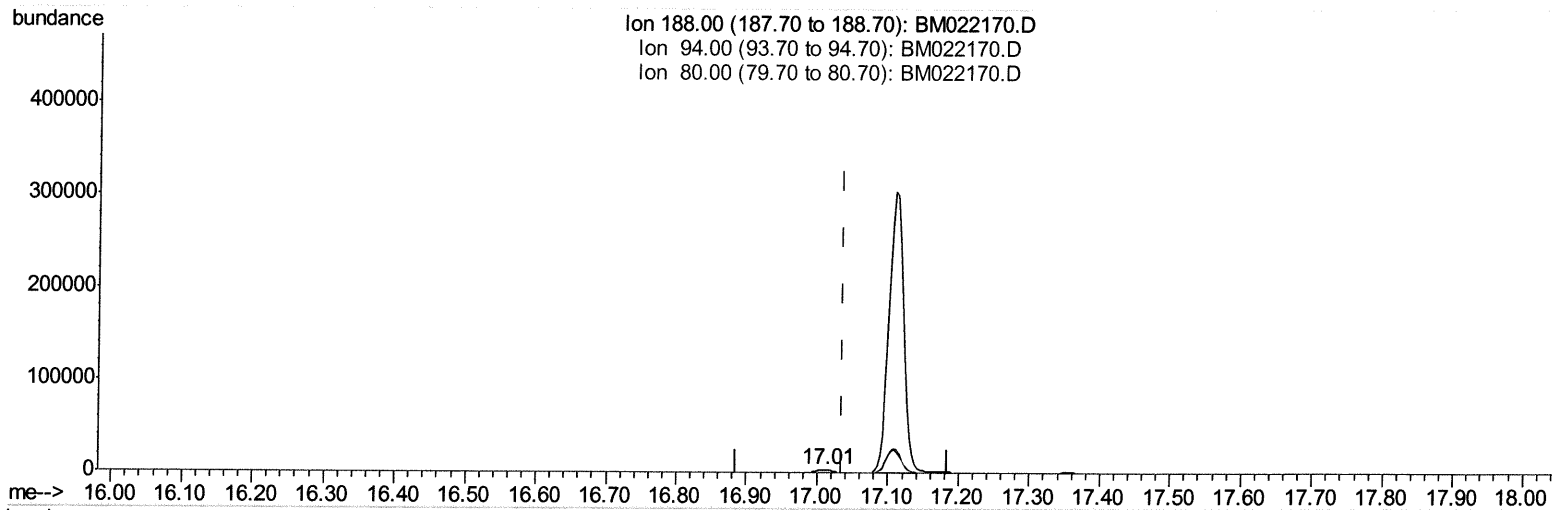
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 ALS Vial : 25 Sample Multiplier: 1

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(10) Phenanthrene-d10 (I)

17.011min (-0.024) 0.40ng/ul m

JU
 08/20/19

response 4990

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.03
80.00	11.40	10.72
0.00	0.00	0.00

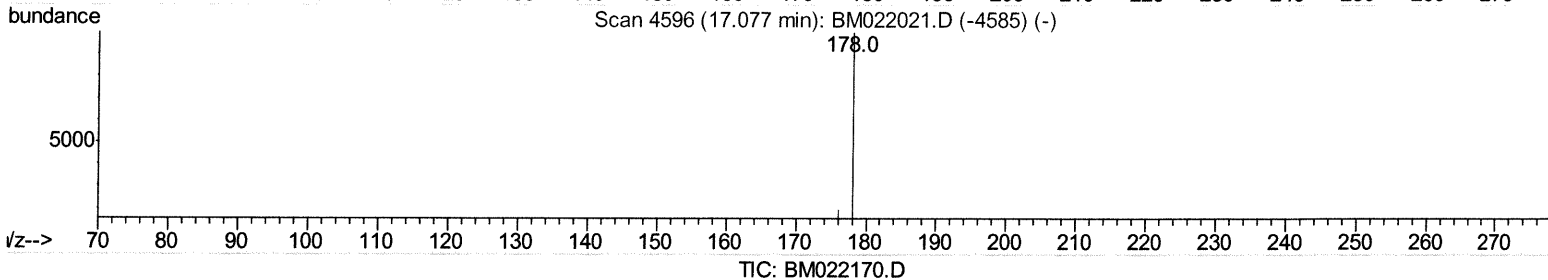
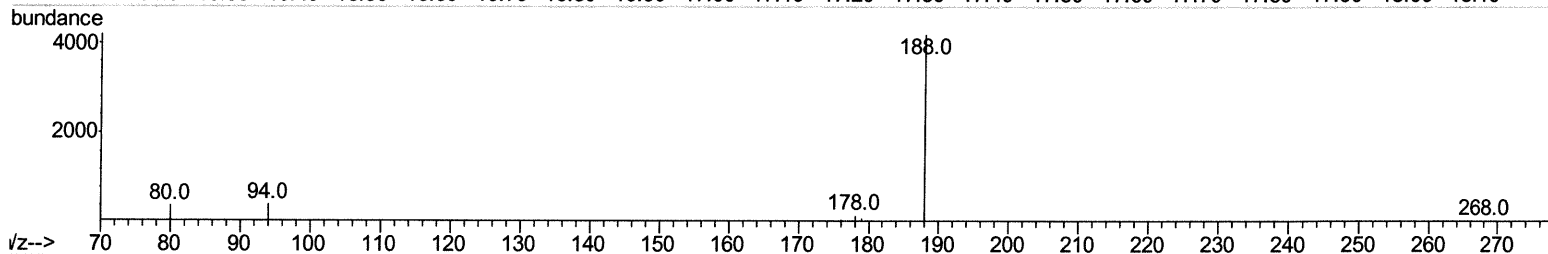
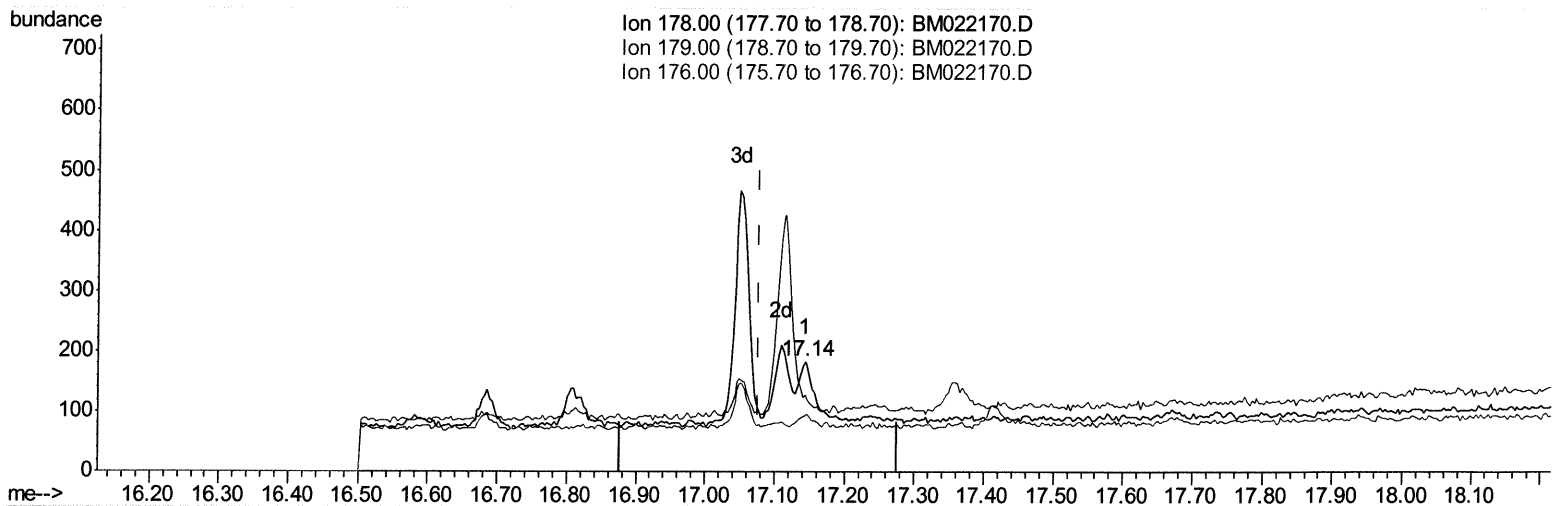
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022170.D
 Acq On : 16 Aug 2019 07:21
 Operator : HP/JU
 Sample : K4337-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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mohammad
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(12) Phenanthrene

17.143min (+0.066) 0.01ng/ul

response 169

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	69.40#
176.00	21.00	51.37#
0.00	0.00	0.00

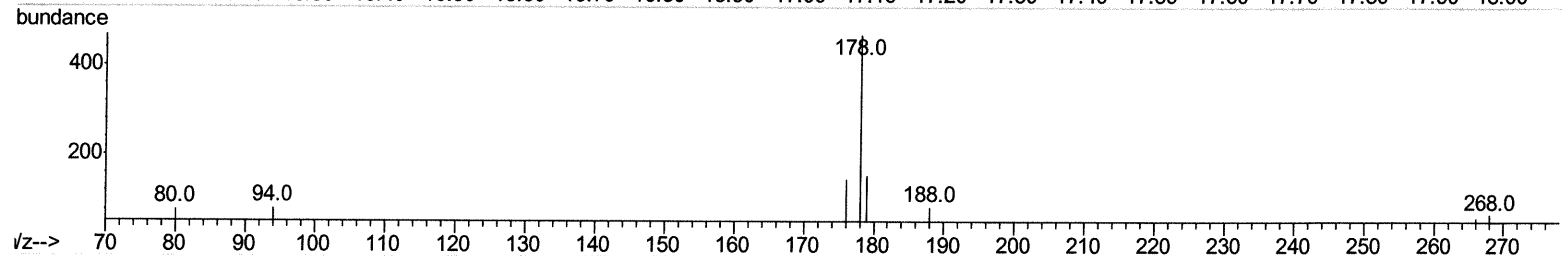
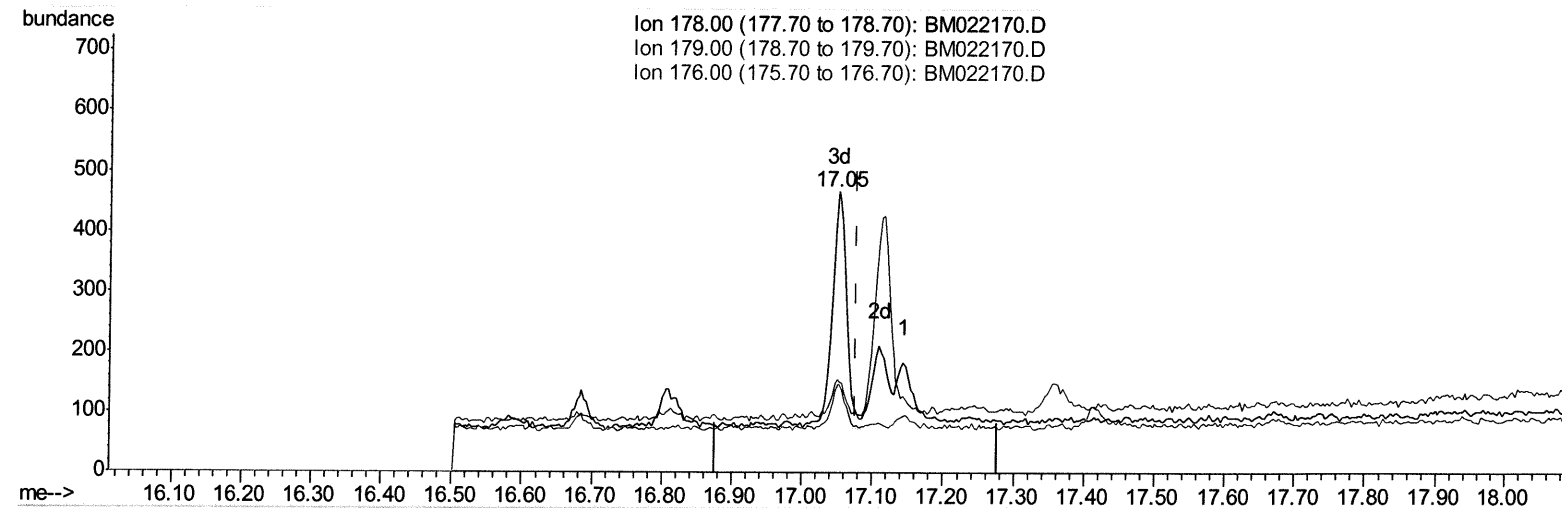
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022170.D
 Acq On : 16 Aug 2019 07:21
 Operator : HP/JU
 Sample : K4337-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG2

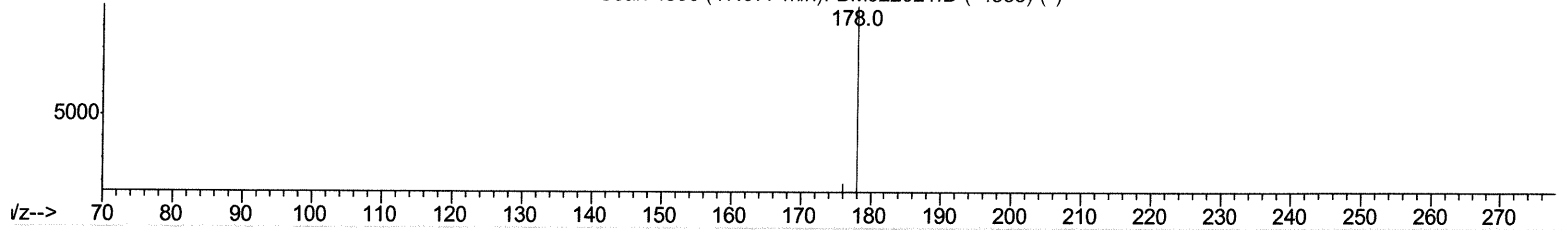
Manual Integrations
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mohammad
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Quant Time: Aug 16 16:32:35 2019
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Scan 4596 (17.077 min): BM022021.D (-4585) (-)



TIC: BM022170.D

(12) Phenanthrene

17.050min (-0.028) 0.04ng/ul m

JU
 08/20/19

response 581

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	33.19#
176.00	21.00	31.26#
0.00	0.00	0.00

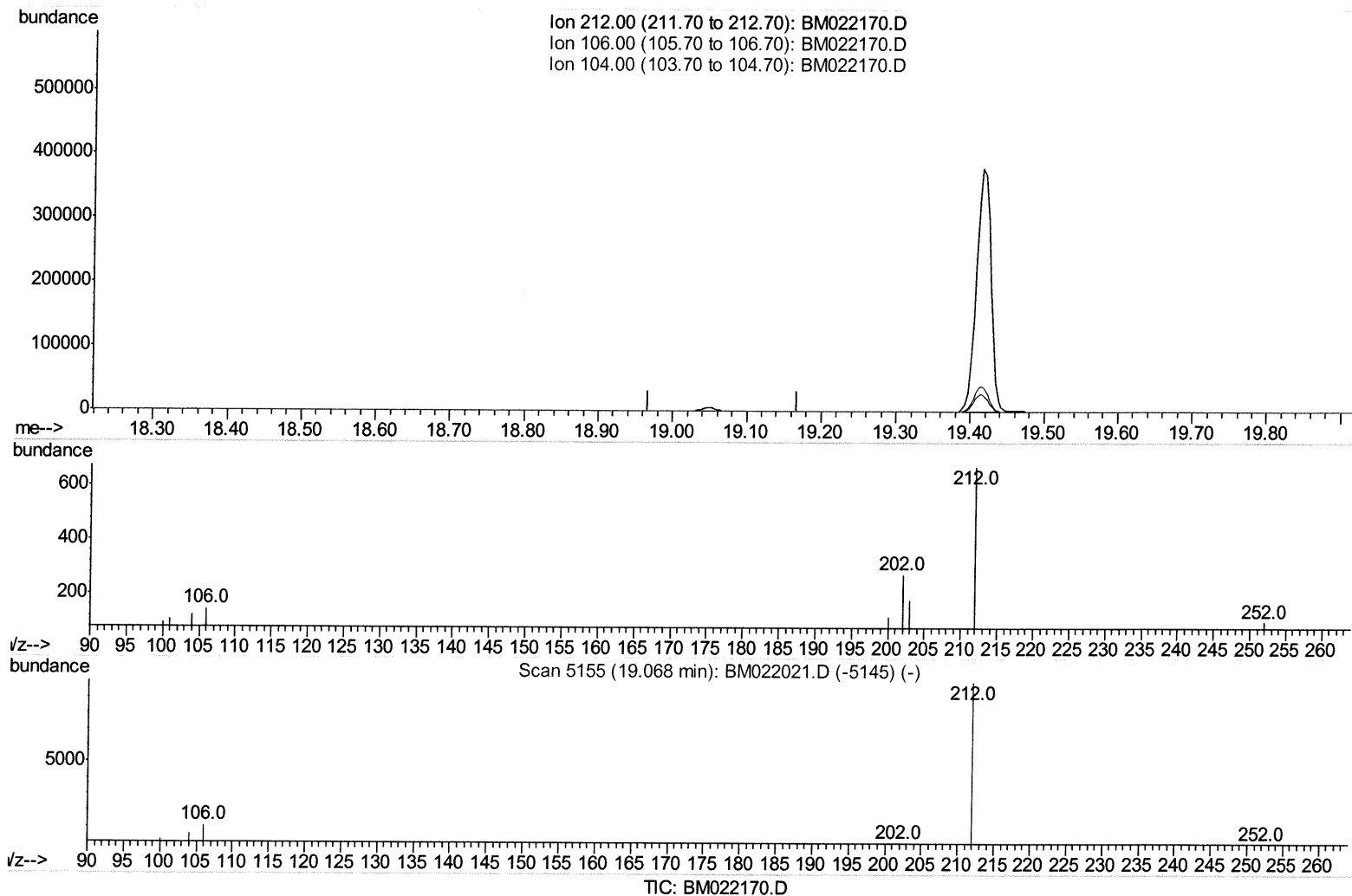
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
Data File : BM022170.D
Acq On : 16 Aug 2019 07:21
Operator : HP/JU
Sample : K4337-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG2

Manual Integrations
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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

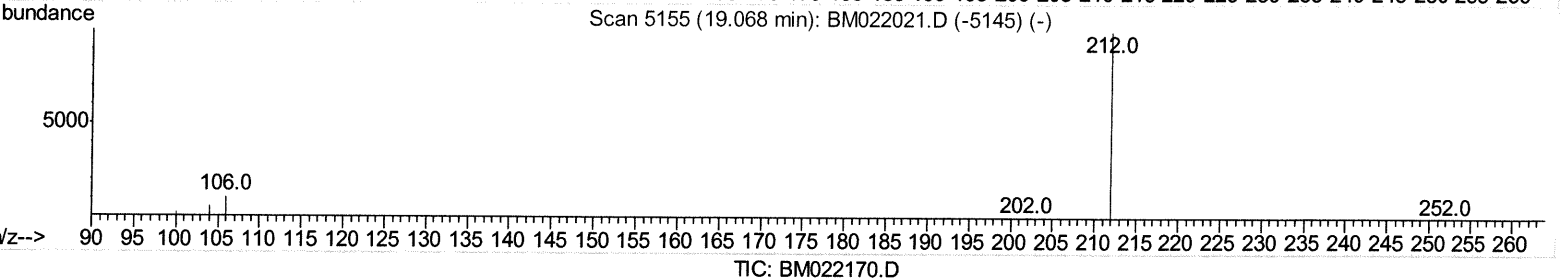
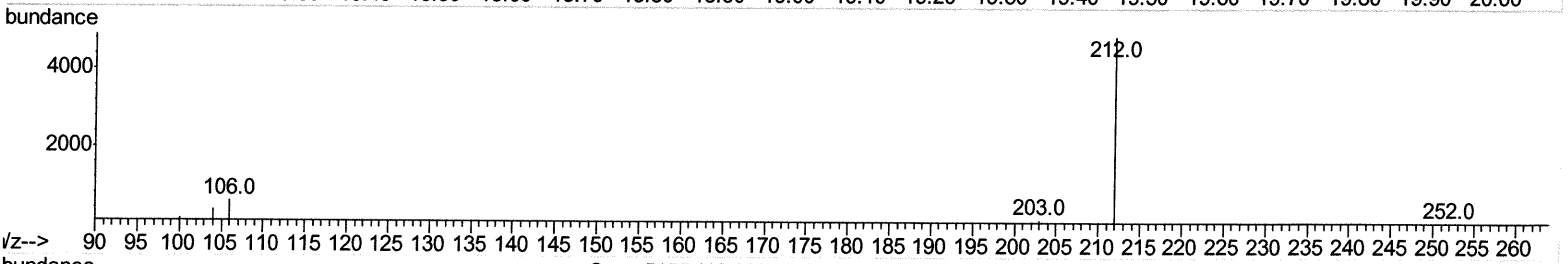
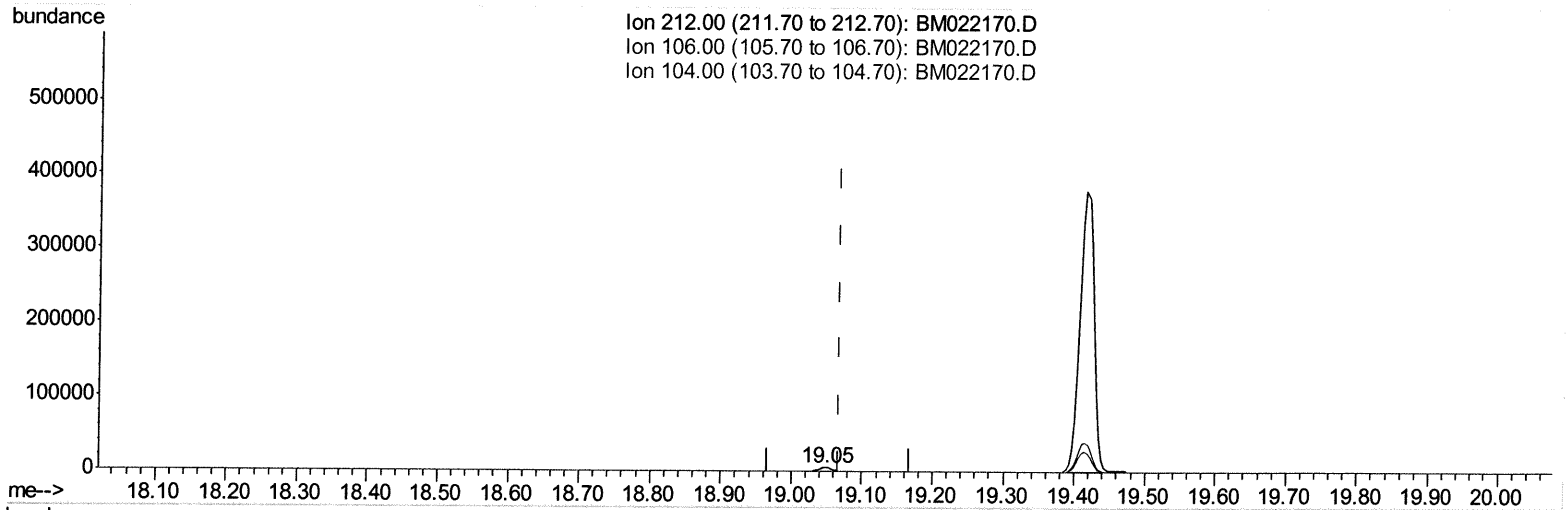
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022170.D
 Acq On : 16 Aug 2019 07:21
 Operator : HP/JU
 Sample : K4337-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG2

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:46:42 AM

Quant Time: Aug 16 16:32:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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(14) Fluoranthene-d10 (SURR)

19.049min (-0.019) 0.41ng/ul m

JU
08/20/19

response 6877

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

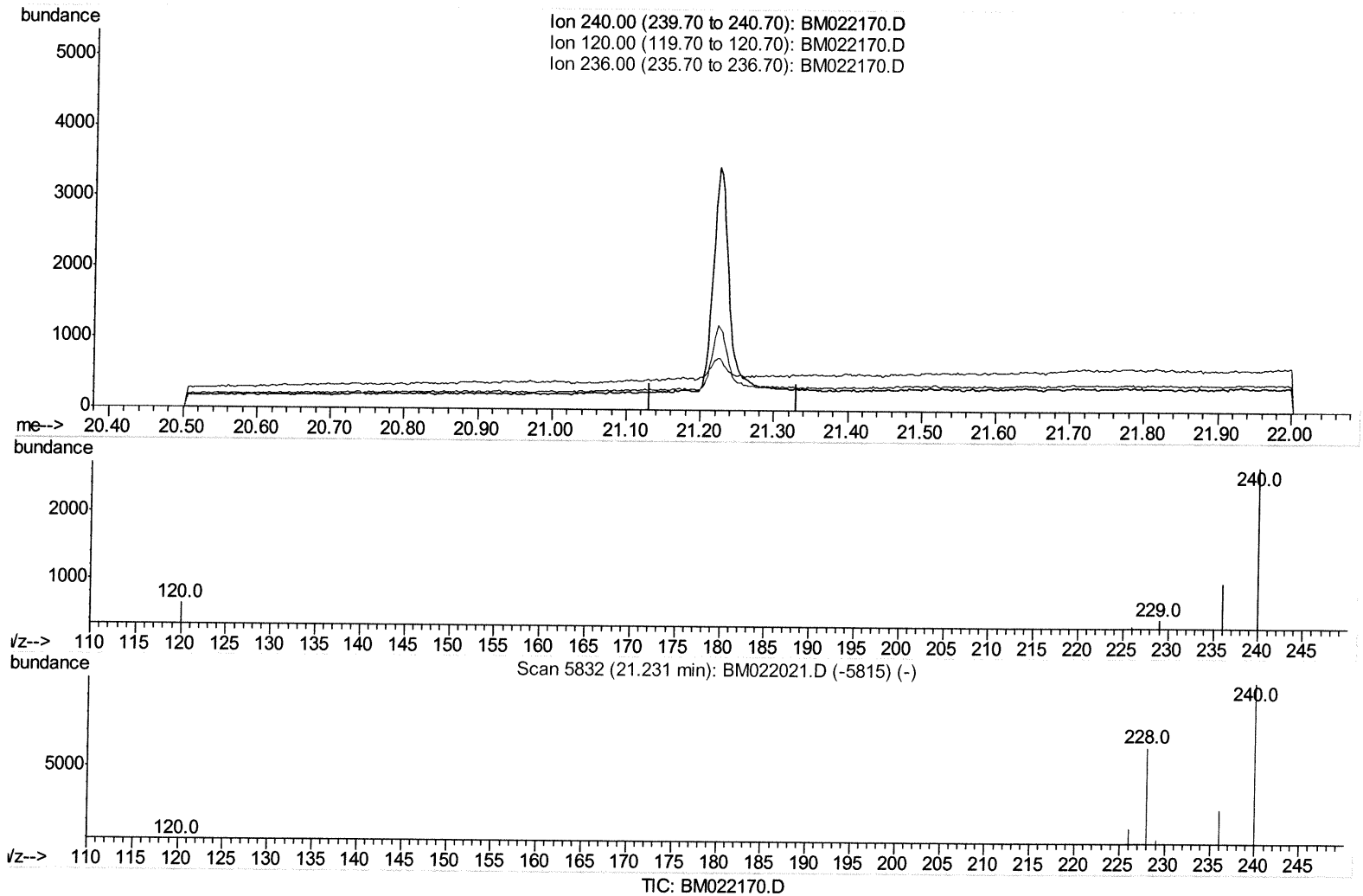
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
Data File : BM022170.D
Acq On : 16 Aug 2019 07:21
Operator : HP/JU
Sample : K4337-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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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

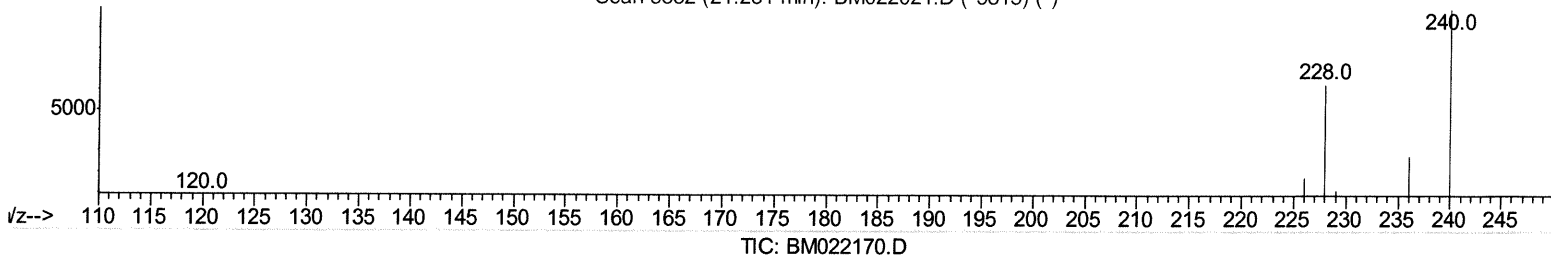
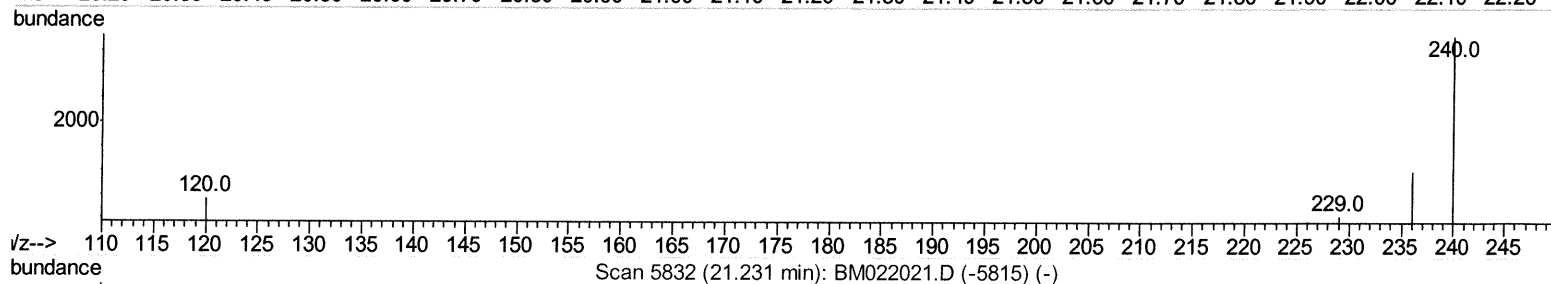
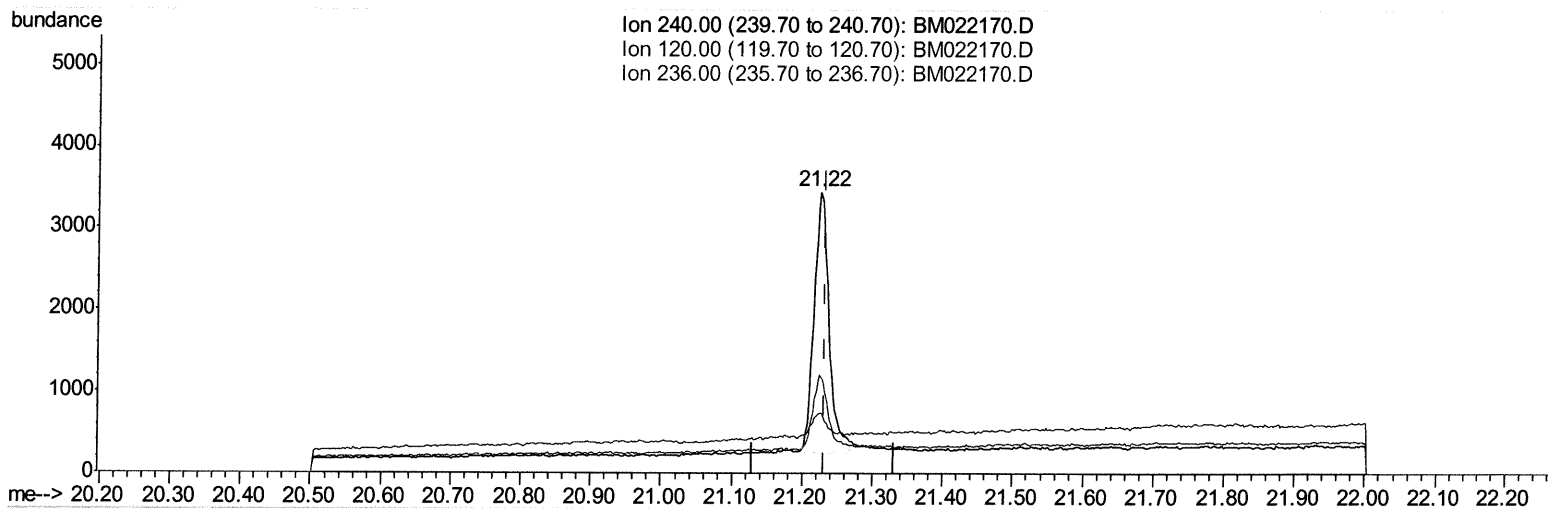
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022170.D
 Acq On : 16 Aug 2019 07:21
 Operator : HP/JU
 Sample : K4337-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG2

Manual Integrations
 APPROVED

mohammad
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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(16) Chrysene-d12 (I)

21.224min (-0.007) 0.40ng/ul m

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response 4704

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	21.25#
236.00	32.30	34.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022170.D
 Acq On : 16 Aug 2019 07:21
 Operator : HP/JU
 Sample : K4337-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	771	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3359	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	2046	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4990m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4704m →	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	6155	0.40	ng/ul	-0.01

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.98	152	2169	0.39	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	6877m →	0.41	ng/ul	-0.02

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Target Compounds

12) Phenanthrene	17.05	178	581m →	0.040	ng/ul	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed