

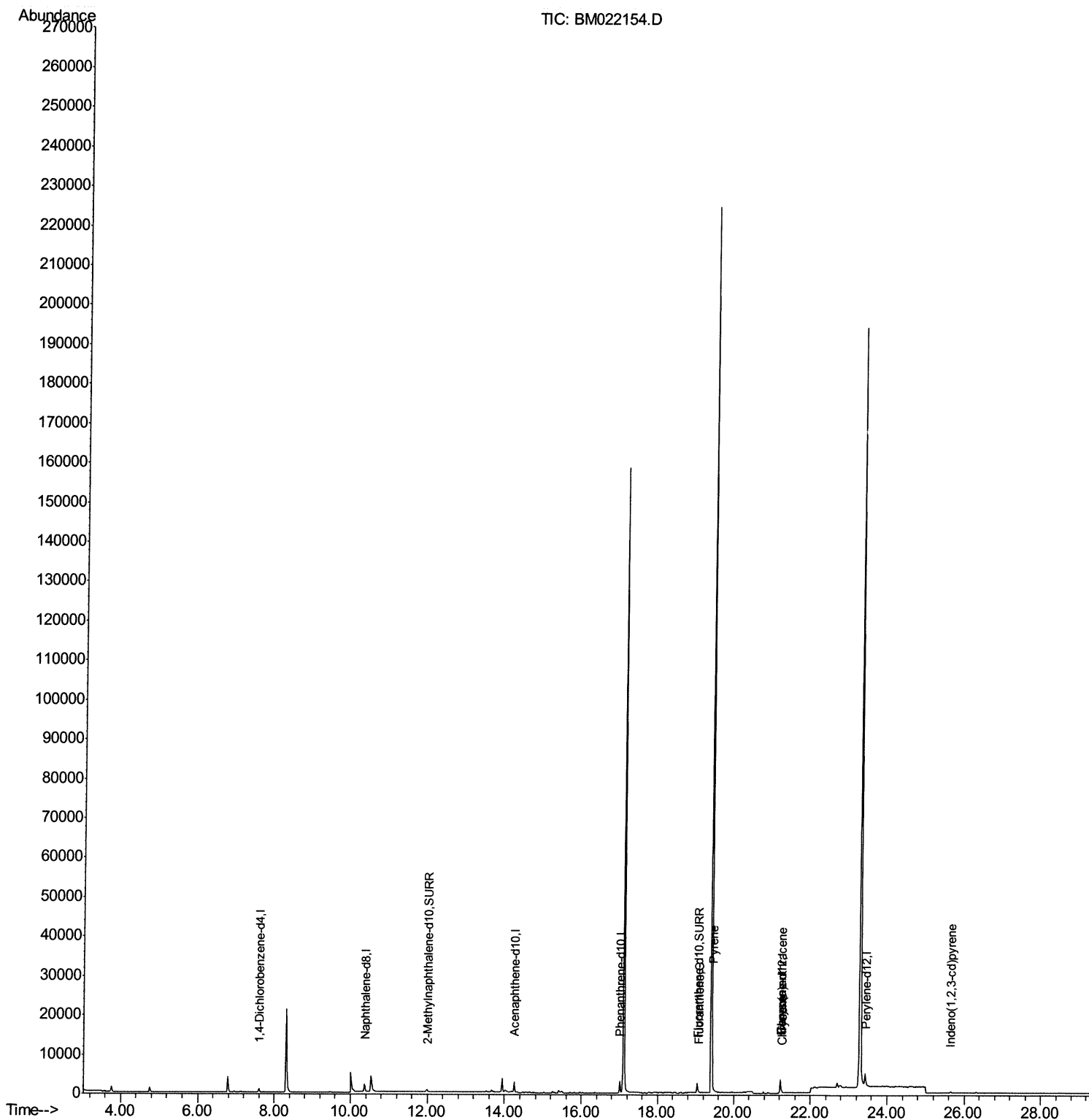
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
Data File : BM022154.D
Acq On : 15 Aug 2019 21:36
Operator : HP/JU
Sample : K4242-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH1

Manual Integrations
APPROVED

mohammad
8/19/2019 10:45:52 AM

Quant Time: Aug 16 14:54:34 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 14:44:23 2019
Response via : Initial Calibration



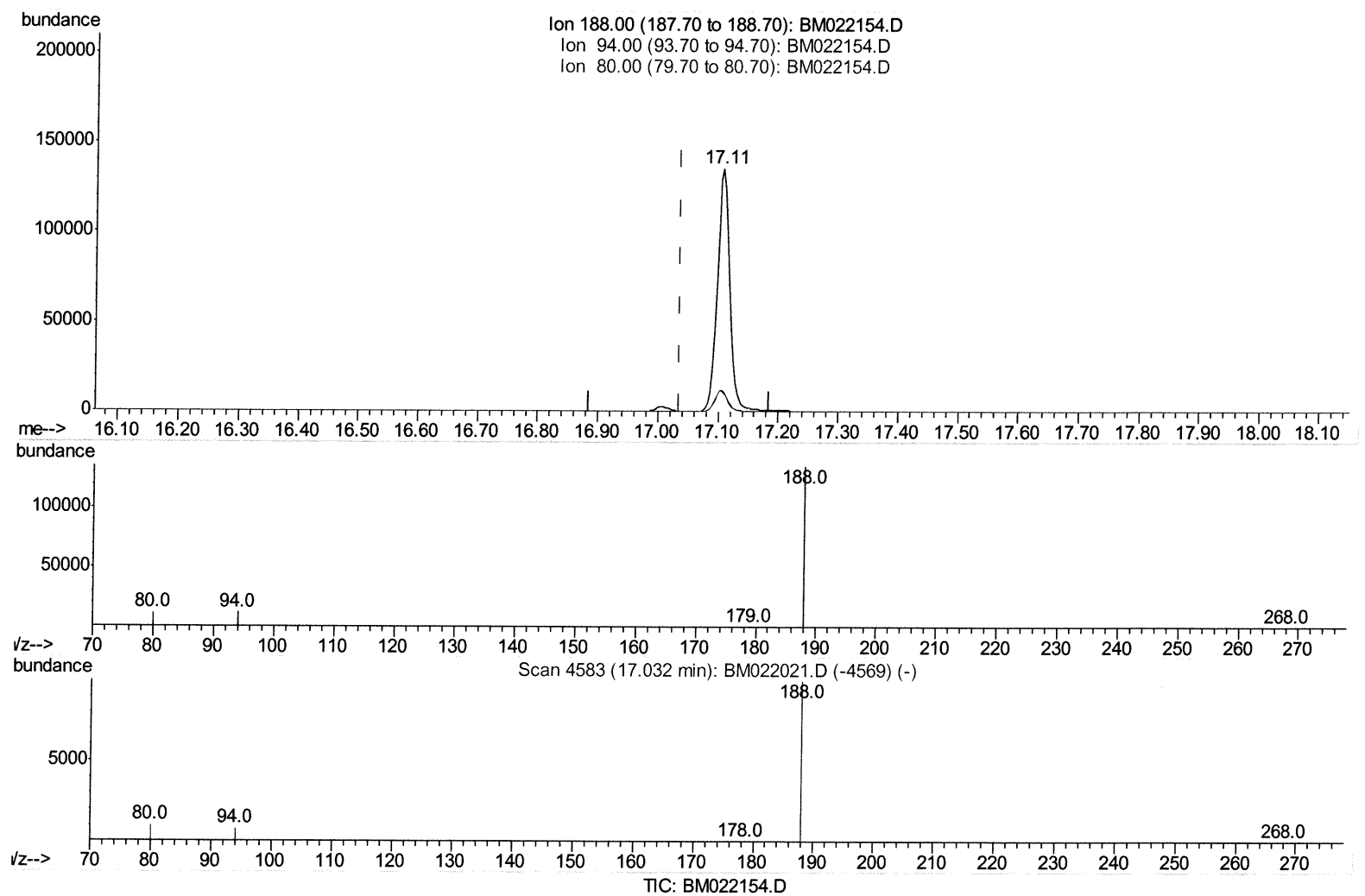
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Quant Time: Aug 16 14:52:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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(10) Phenanthrene-d10 (I)

17.107min (+0.071) 0.40ng/ul

response 195807

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.82
80.00	11.40	8.40#
0.00	0.00	0.00

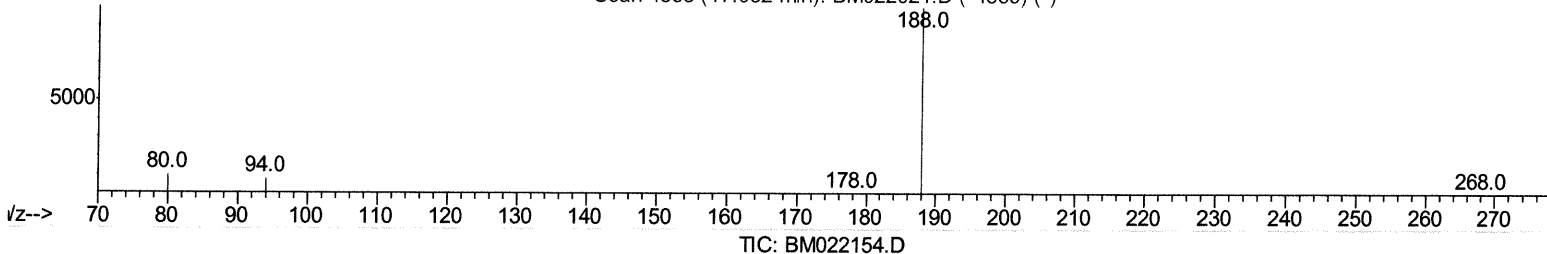
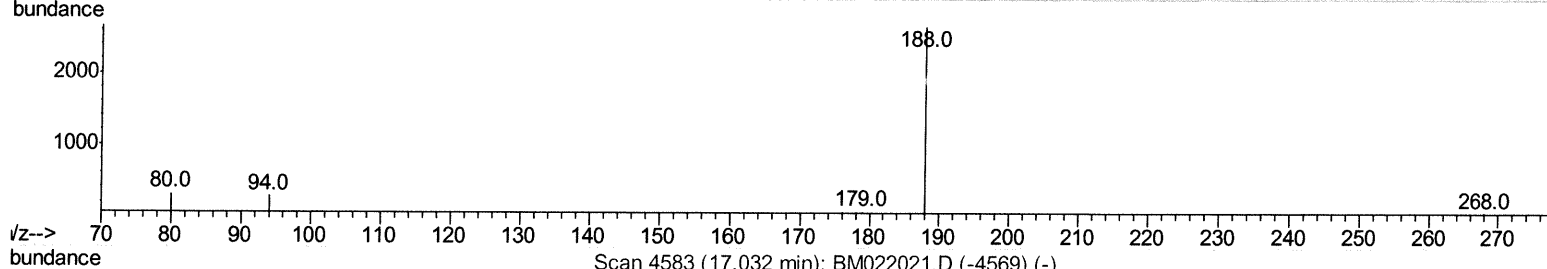
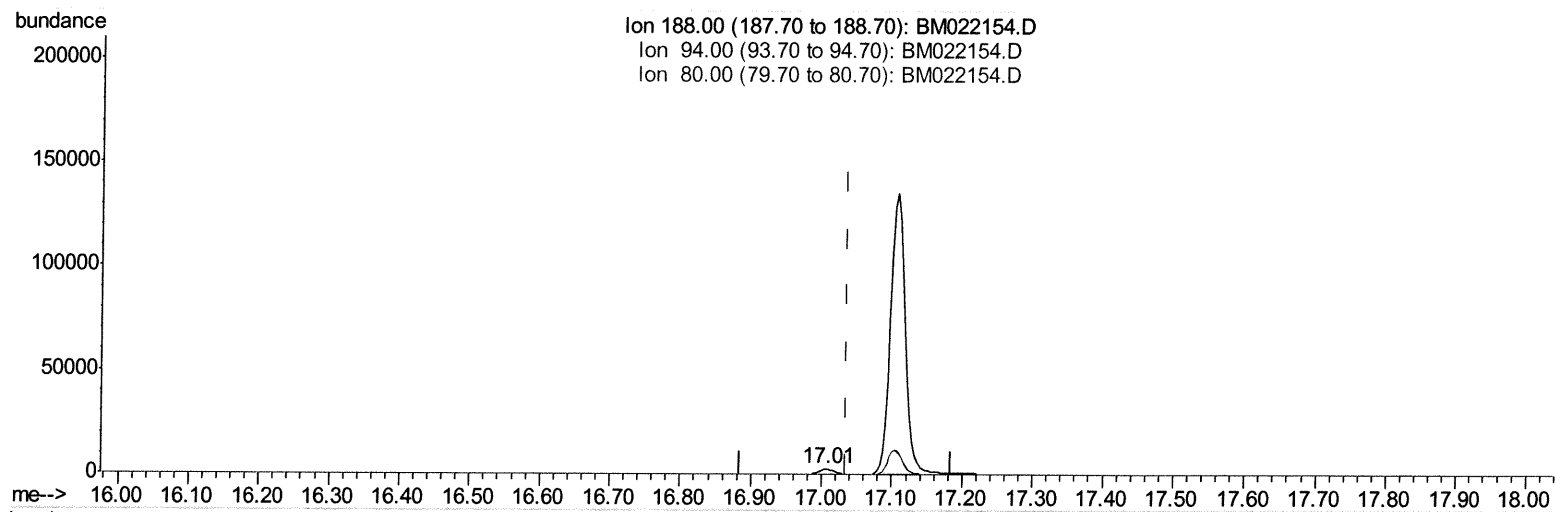
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(10) Phenanthrene-d10 (I)

17.006min (-0.030) 0.40ng/ul m

JU
 08/20/19

response 3854

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.33
80.00	11.40	11.31
0.00	0.00	0.00

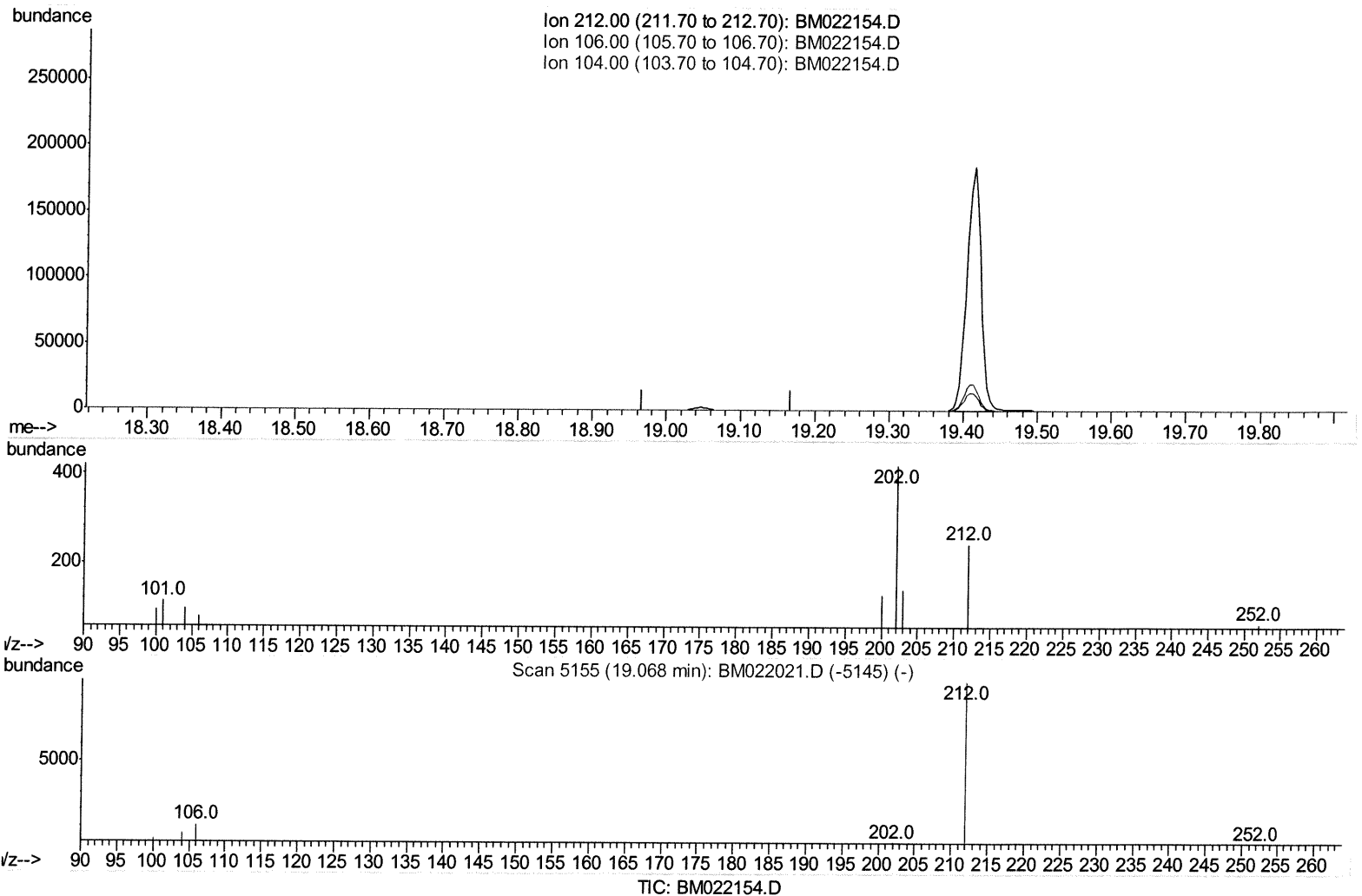
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022154.D
 Acq On : 15 Aug 2019 21:36
 Operator : HP/JU
 Sample : K4242-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 C0AH1

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:45:52 AM

Quant Time: Aug 16 14:52:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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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

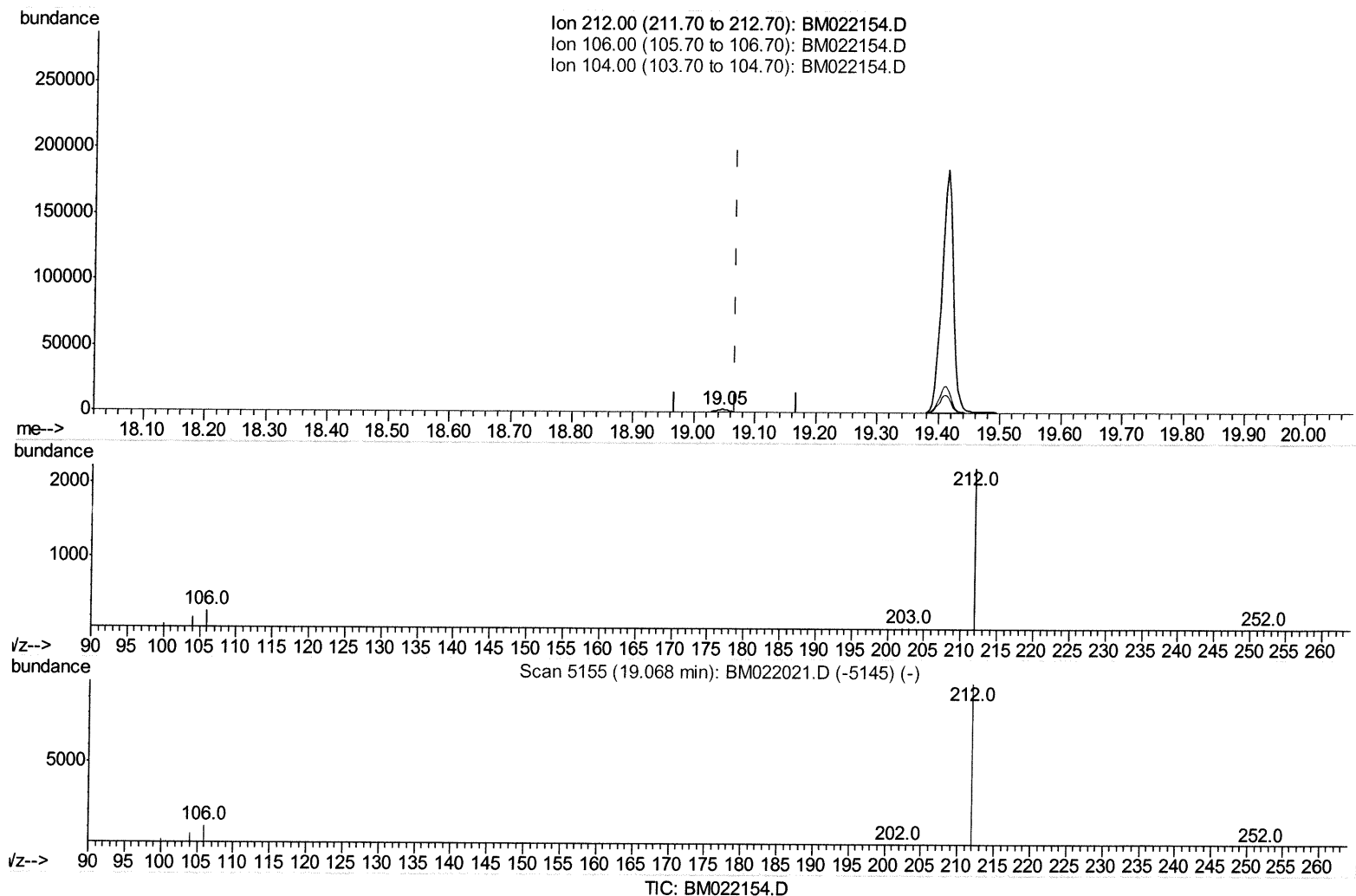
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022154.D
 Acq On : 15 Aug 2019 21:36
 Operator : HP/JU
 Sample : K4242-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH1

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 16 14:52:57 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)

19.047min (-0.021) 0.25ng/ul m *JU 08/20/19*

response 3221

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

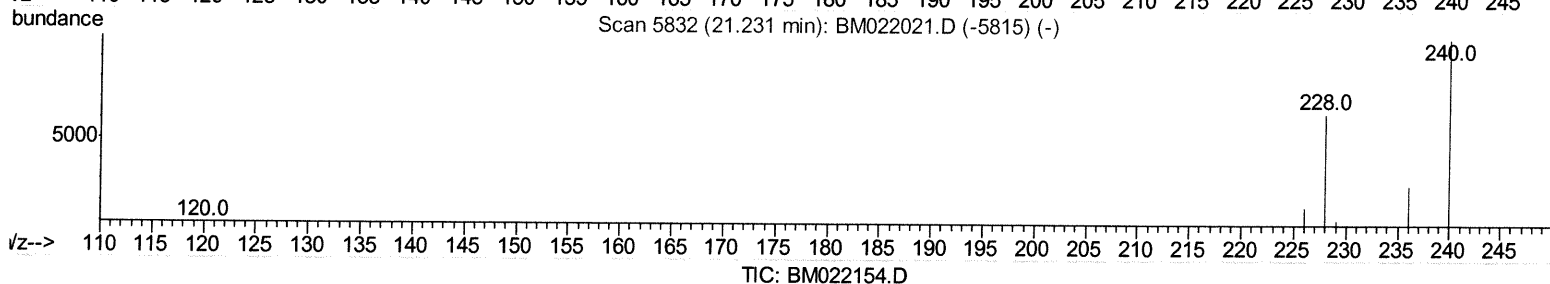
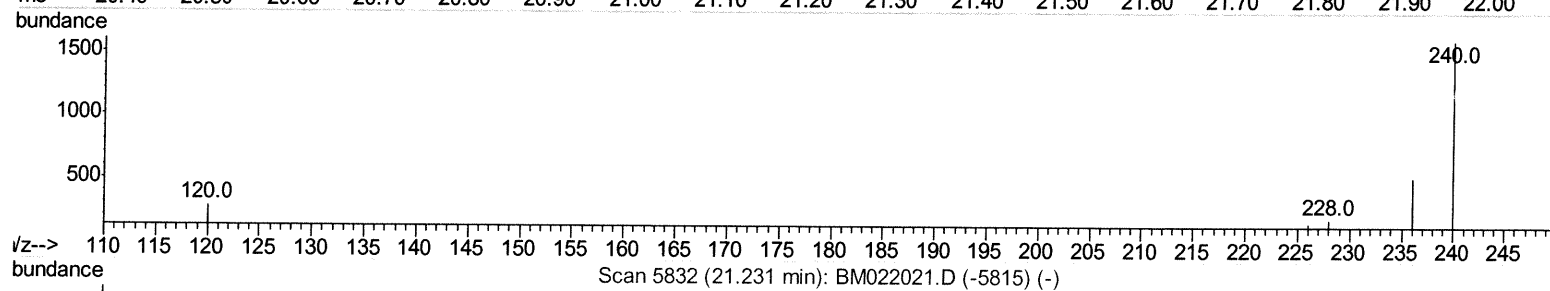
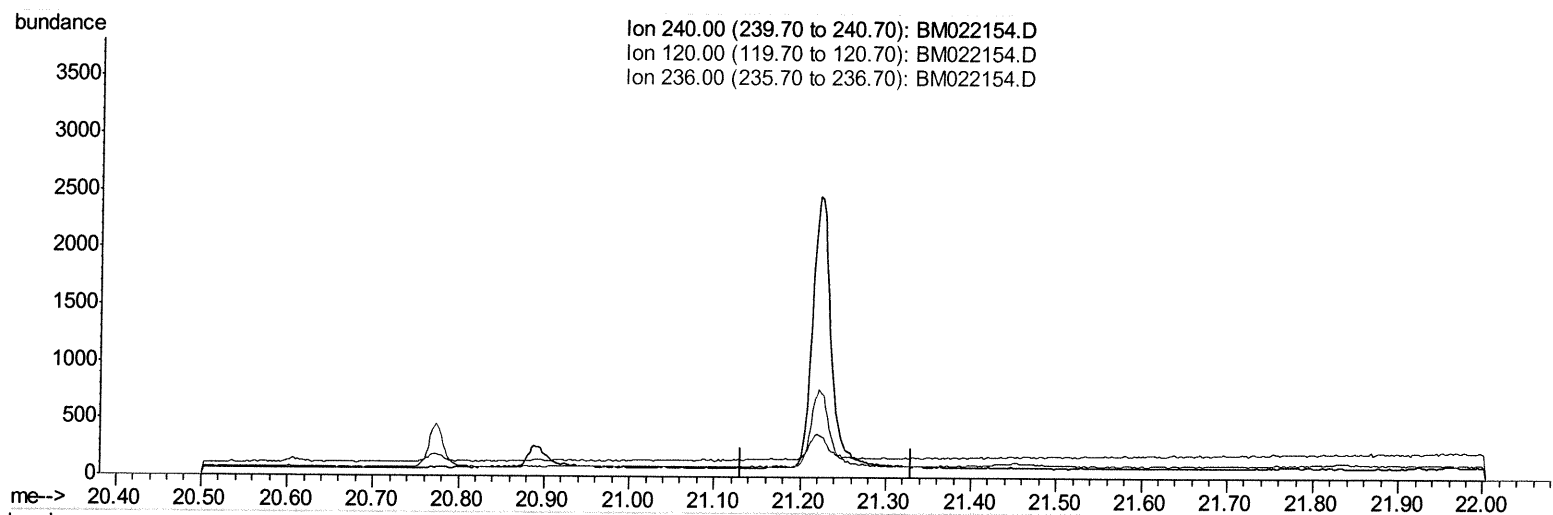
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
Data File : BM022154.D
Acq On : 15 Aug 2019 21:36
Operator : HP/JU
Sample : K4242-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH1

Manual Integrations
APPROVED

mohammad
8/19/2019 10:45:52 AM

Quant Time: Aug 16 14:52:57 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 14:44:23 2019
Response via : Initial Calibration



(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

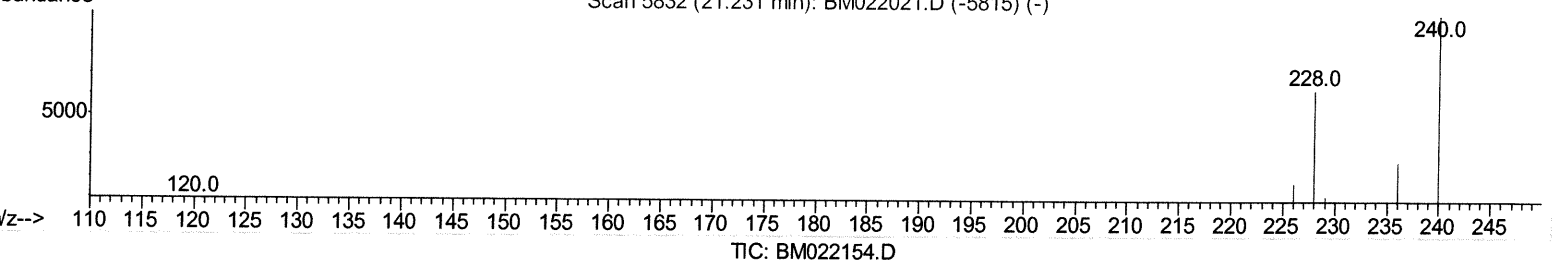
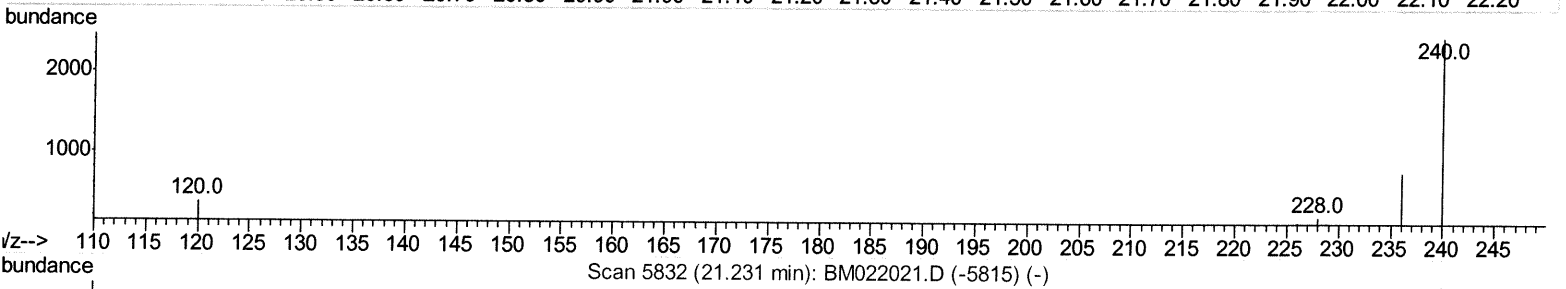
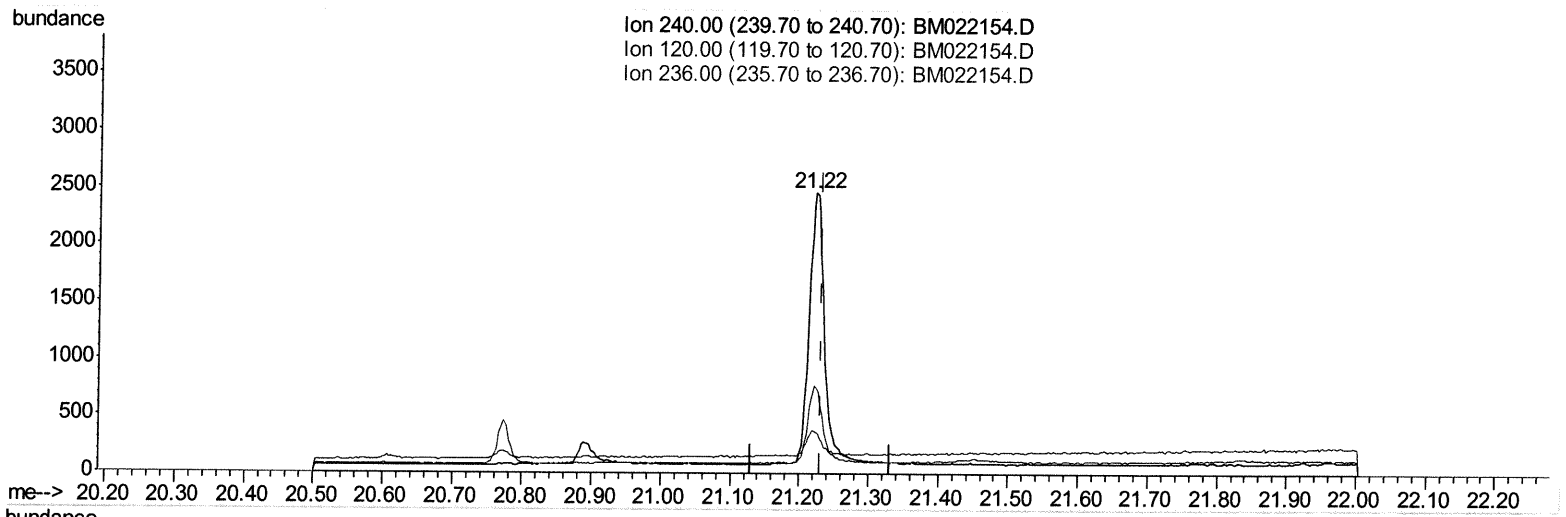
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022154.D
 Acq On : 15 Aug 2019 21:36
 Operator : HP/JU
 Sample : K4242-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH1

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:45:52 AM

Quant Time: Aug 16 14:52:57 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 14:44:23 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.222min (-0.009) 0.40ng/ul m

JU
08/20/19

response 3579

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.23
236.00	32.30	31.34
0.00	0.00	0.00

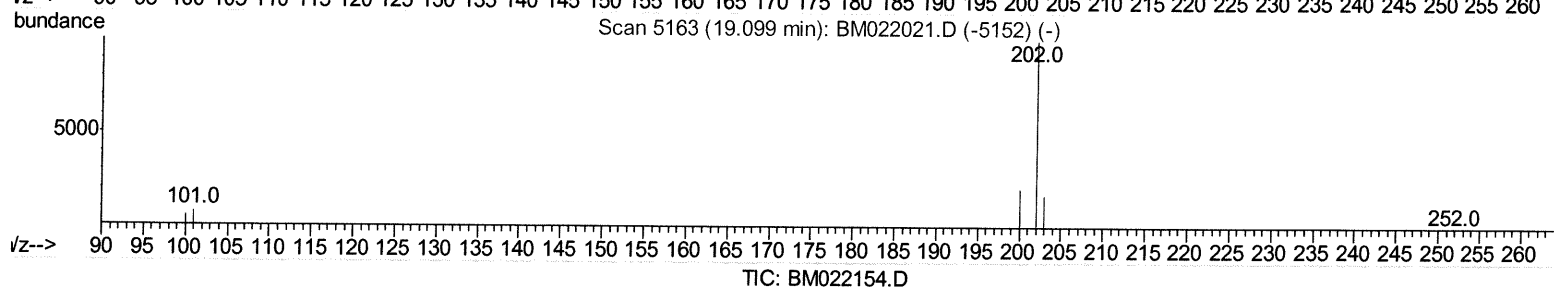
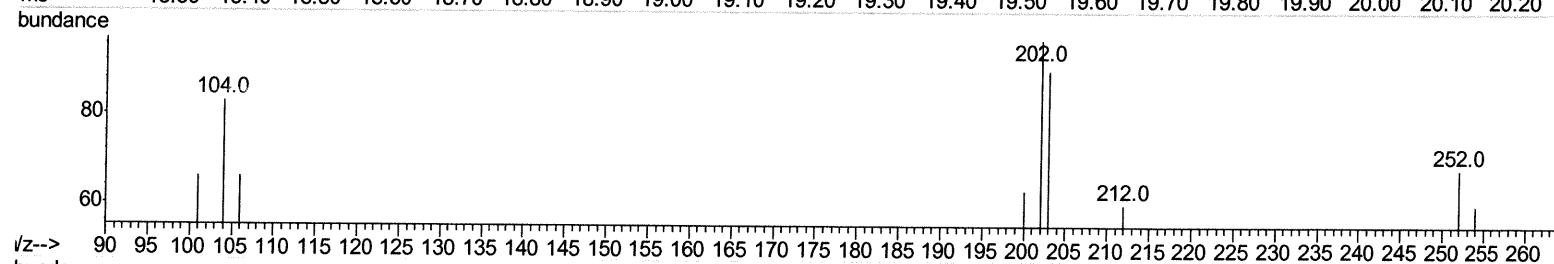
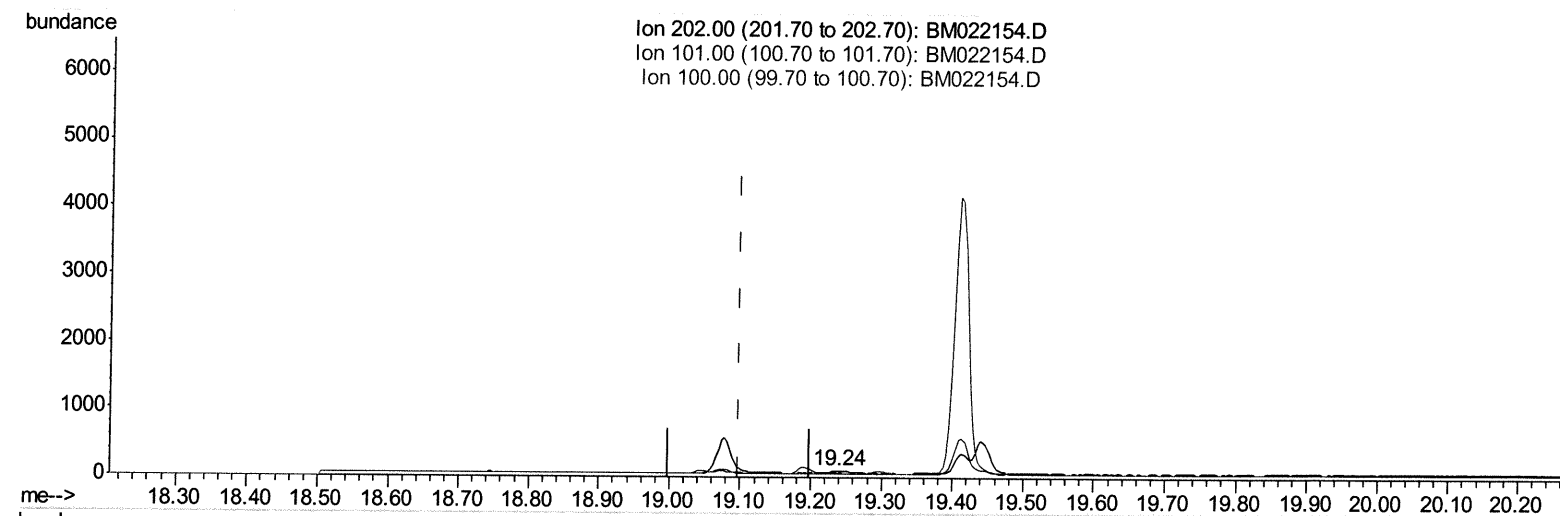
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
Data File : BM022154.D
Acq On : 15 Aug 2019 21:36
Operator : HP/JU
Sample : K4242-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH1

Manual Integrations
APPROVED

mohammad
8/19/2019 10:45:52 AM

Quant Time: Aug 16 14:53:38 2019
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QLast Update : Fri Aug 16 14:44:23 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.237min (+0.139) 0.00ng/ul

response 65

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	68.04#
100.00	8.10	56.70#
0.00	0.00	0.00

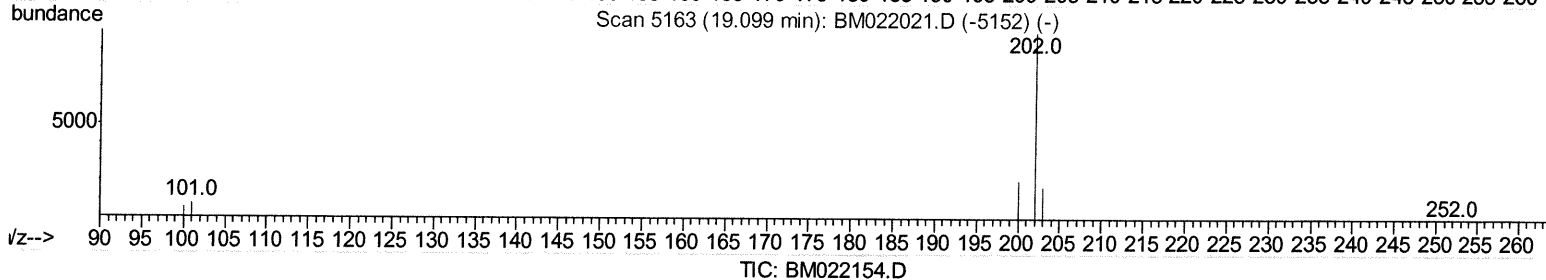
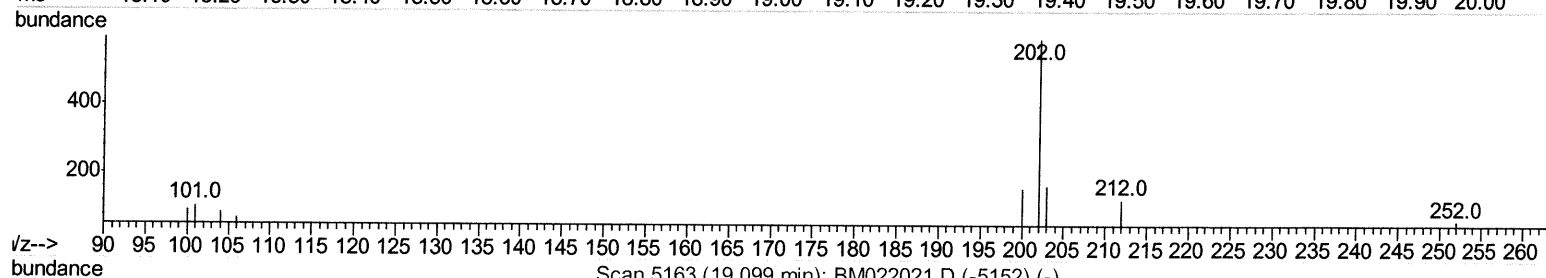
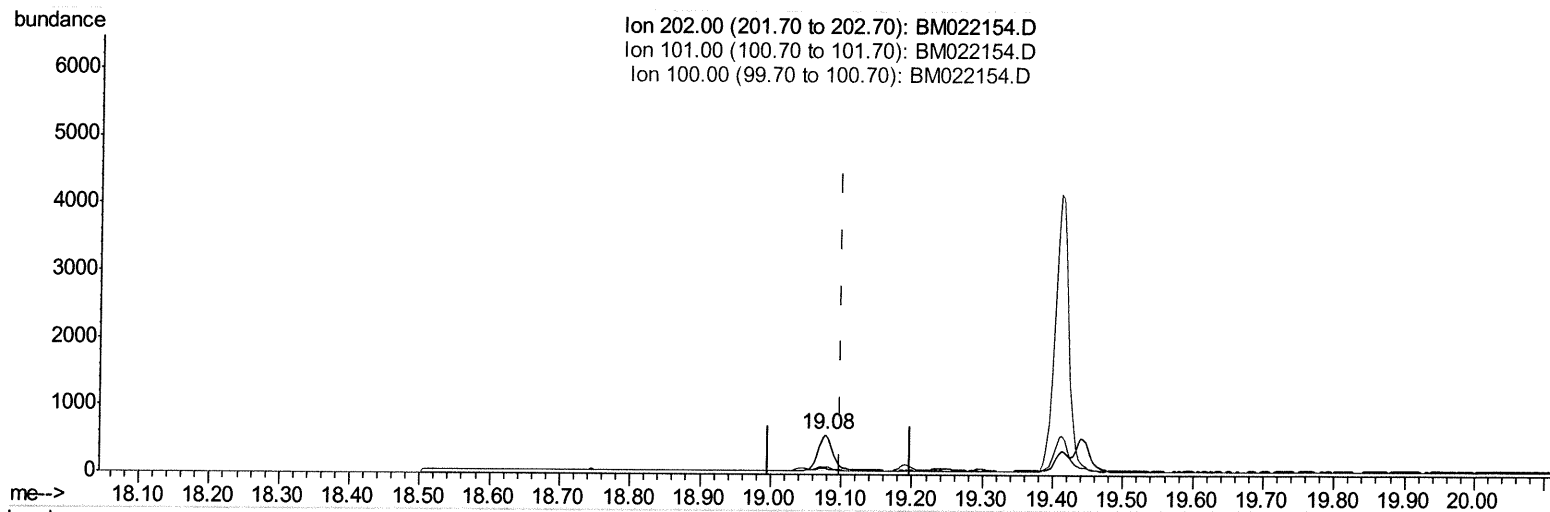
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081519\
 Data File : BM022154.D
 Acq On : 15 Aug 2019 21:36
 Operator : HP/JU
 Sample : K4242-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH1

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:45:52 AM

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 Response via : Initial Calibration



(15) Fluoranthene (C)

19.077min (-0.021) 0.05ng/ul m *JU 08/20/19*

response 737

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	18.31
100.00	8.10	15.93
0.00	0.00	0.00

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 Sample : K4242-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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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	7.60	152	621	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	2761	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1595	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	3854m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	3579m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	3887	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1068	0.23	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	3221m	0.25	ng/ul	-0.02
Target Compounds						
15) Fluoranthene	19.08	202	737m	0.049	ng/ul	Ovalue
17) Pyrene	19.44	202	727	0.049	ng/ul#	52
18) Benzo(a)anthracene	21.21	228	530	0.041	ng/ul#	56
19) Chrysene	21.26	228	505	0.031	ng/ul#	66
24) Indeno(1,2,3-cd)pyrene	25.65	276	409	0.026	ng/ul#	98

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