

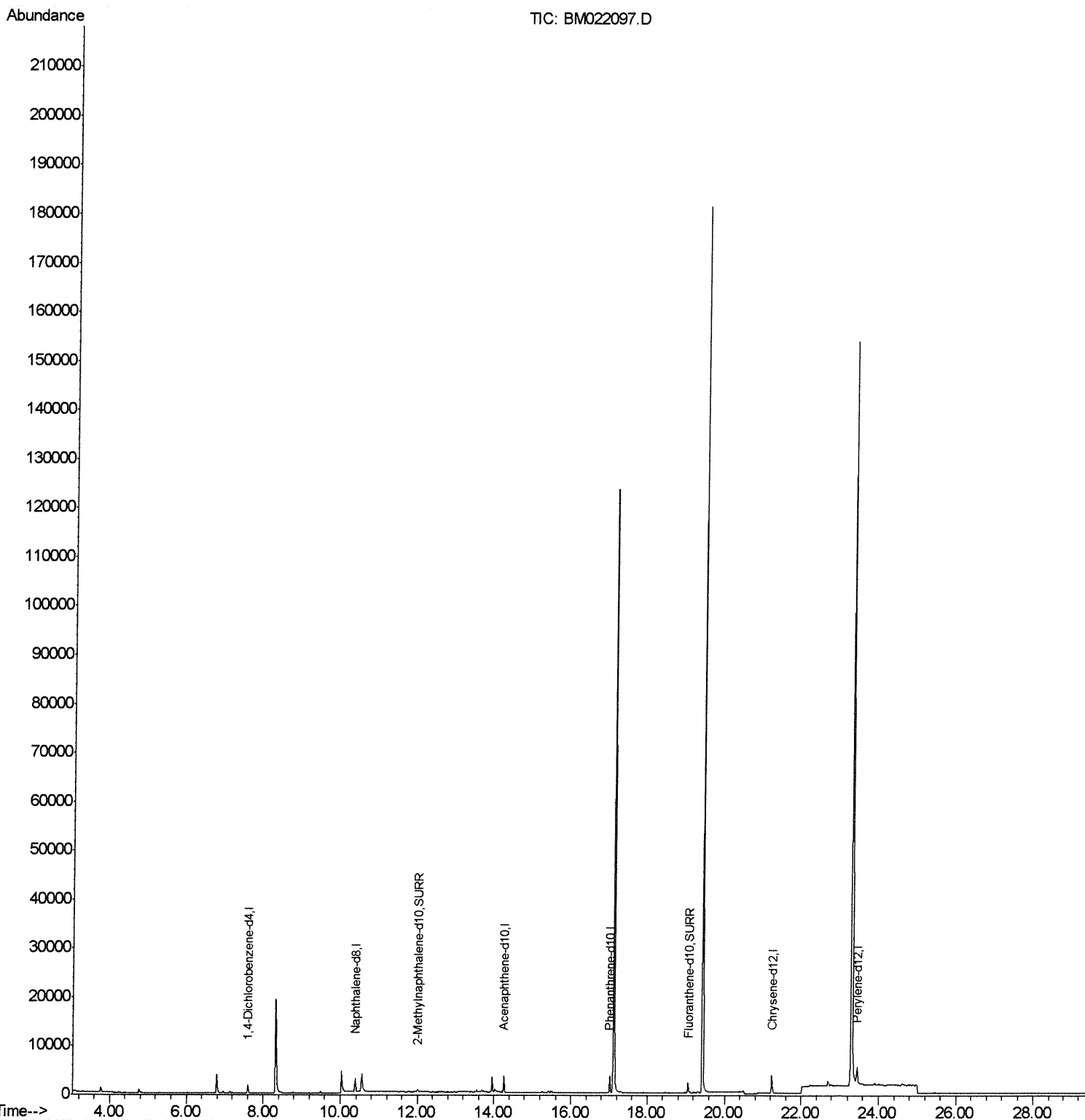
Quantitation Report (2) Reviewed,
Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022097.D
Acq On : 14 Aug 2019 08:15
Operator : HP/JU
Sample : K4183-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
C0AH0

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:32 PM

Quant Time: Aug 14 09:05:50 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration



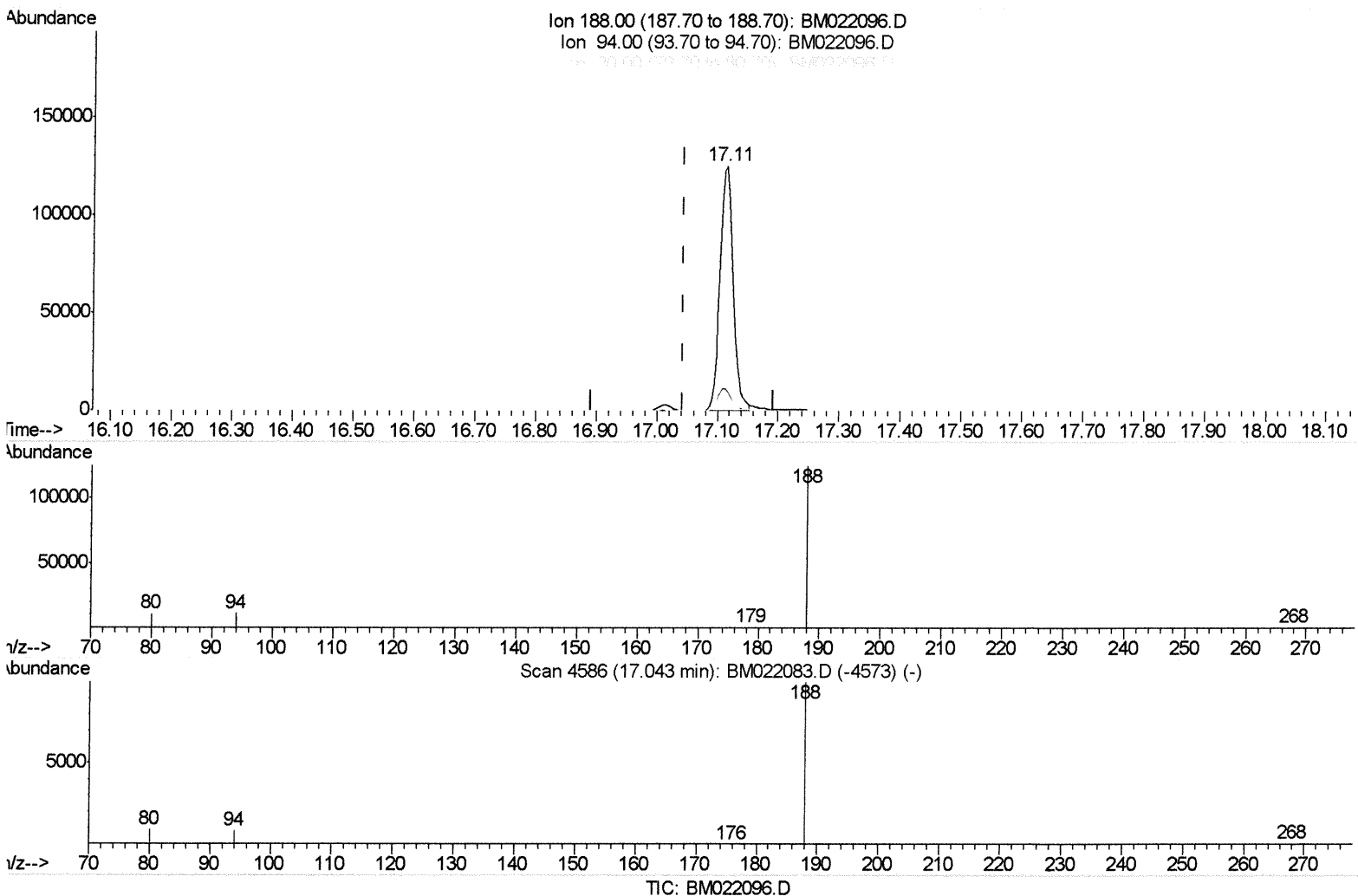
Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022096.D
 Acq On : 14 Aug 2019 07:39
 Operator : HP/JU
 Sample : K4183-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:32 PM

Quant Time: Aug 14 08:20:40 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 : Wed Aug 14 08:16:48 2019
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(10) Phenanthrene-d10 (I)

17.114min (+0.071) 0.40ng/ul

response 184979

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.85
80.00	11.40	8.43#
0.00	0.00	0.00

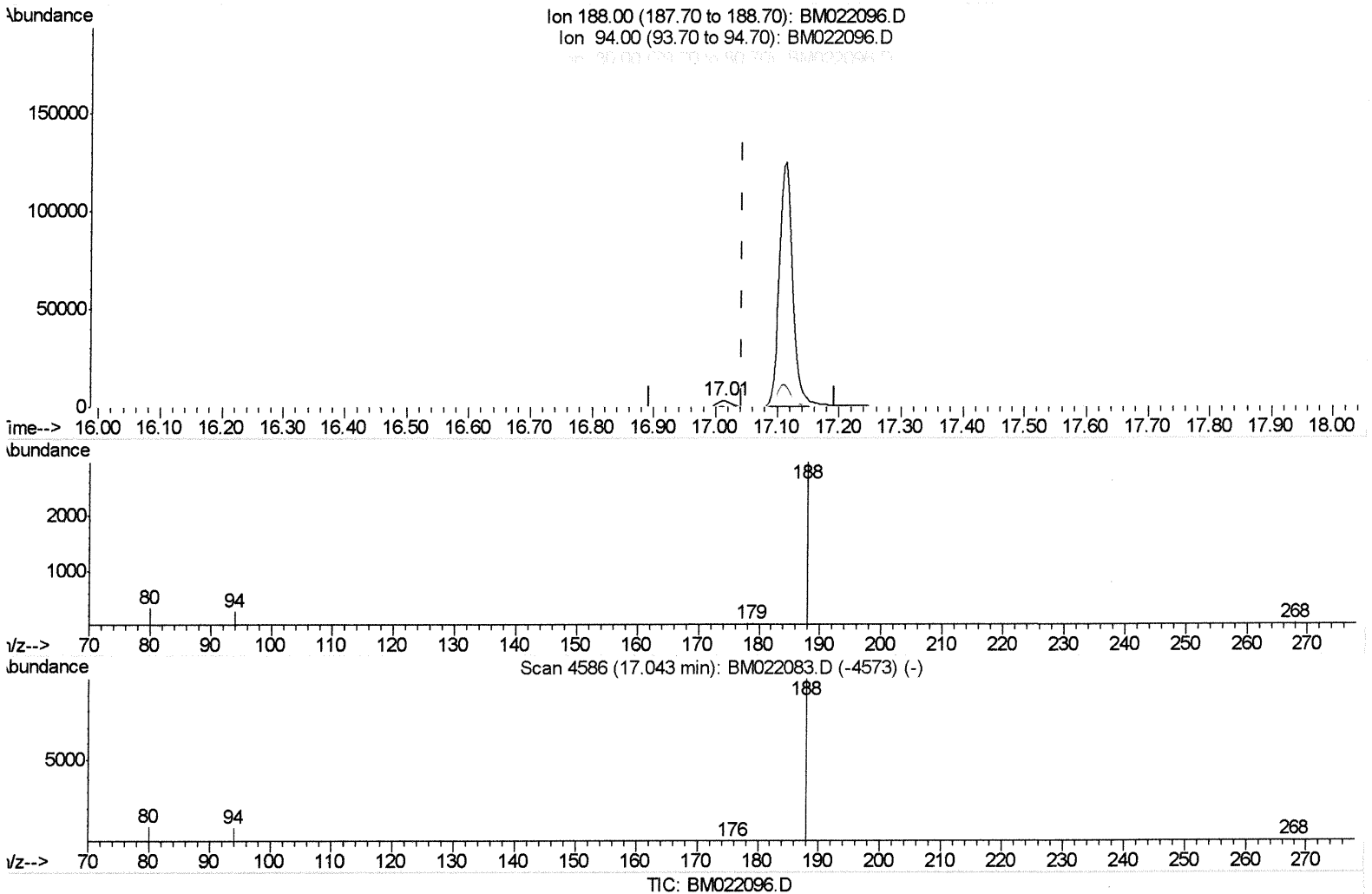
Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022096.D
 Acq On : 14 Aug 2019 07:39
 Operator : HP/JU
 Sample : K4183-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH0

Manual Integrations
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mohammad
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Quant Time: Aug 14 08:20:40 2019
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(10) Phenanthrene-d10 (I)

17.013min (-0.030) 0.40ng/ul m 08/14/19

response 4181

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.47
80.00	11.40	11.69
0.00	0.00	0.00

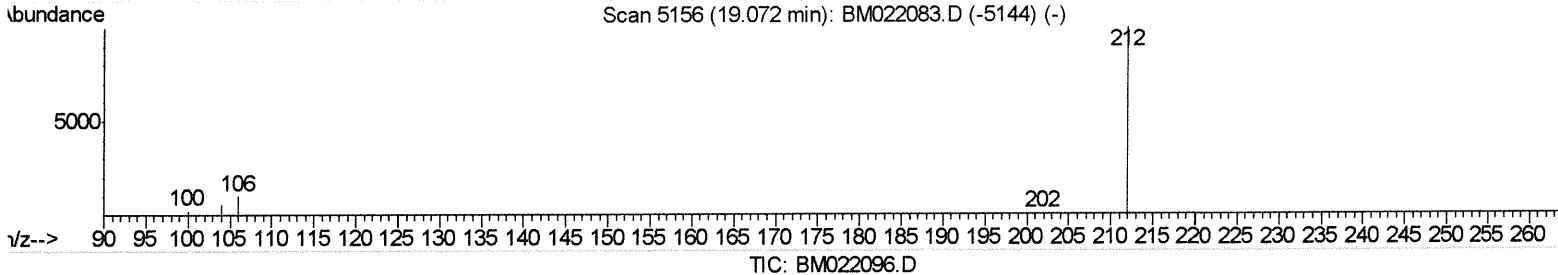
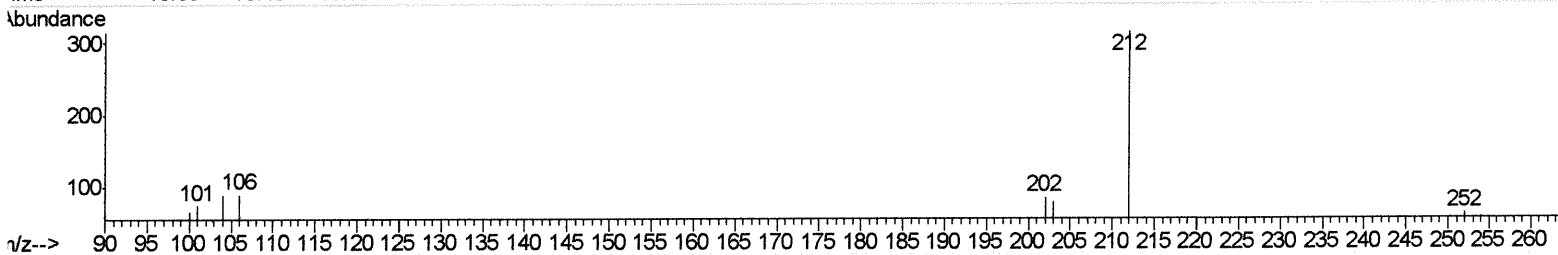
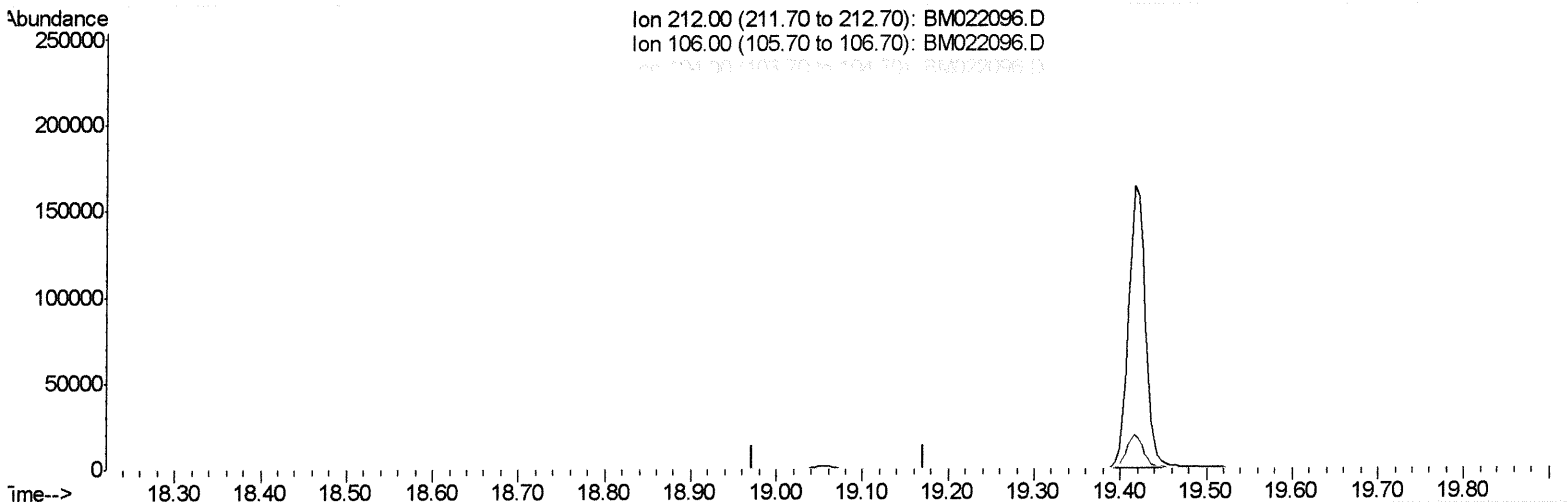
Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022096.D
 Acq On : 14 Aug 2019 07:39
 Operator : HP/JU
 Sample : K4183-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:32 PM

Quant Time: Aug 14 08:59:41 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 : Wed Aug 14 08:16:48 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.072min (-19.072) 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

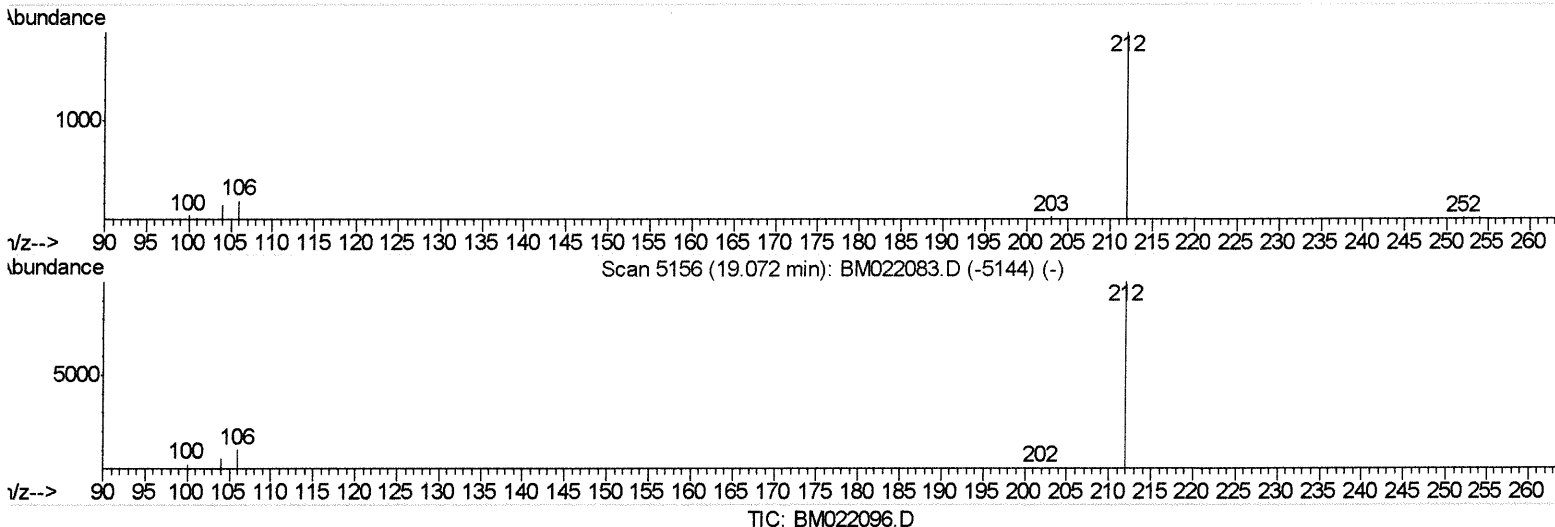
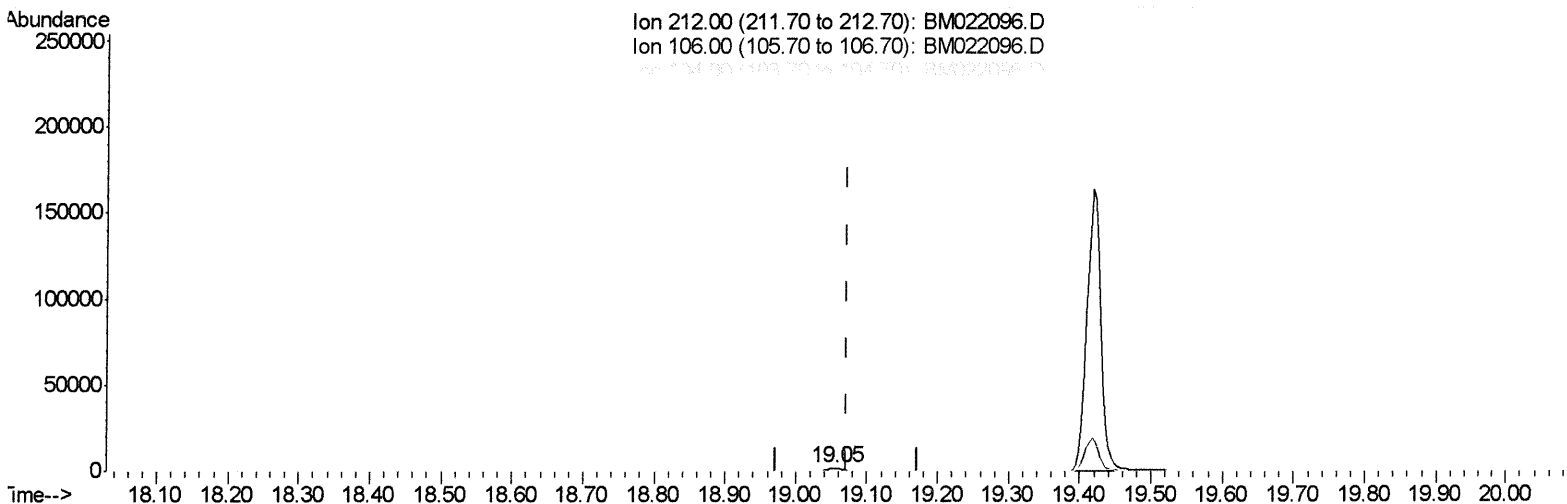
Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022096.D
 Acq On : 14 Aug 2019 07:39
 Operator : HP/JU
 Sample : K4183-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COAH0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:32 PM

Quant Time: Aug 14 08:59:41 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 : Wed Aug 14 08:16:48 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.054min (-0.017) 0.20ng/ul m

JU
 8/14/19

response 2828

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

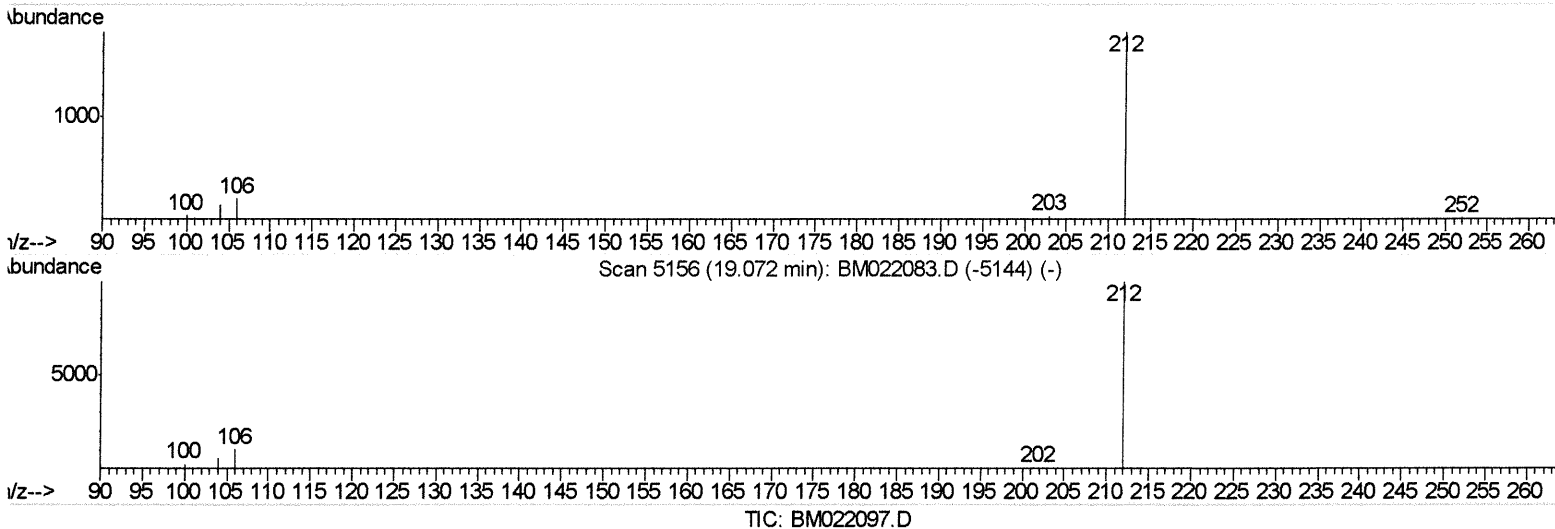
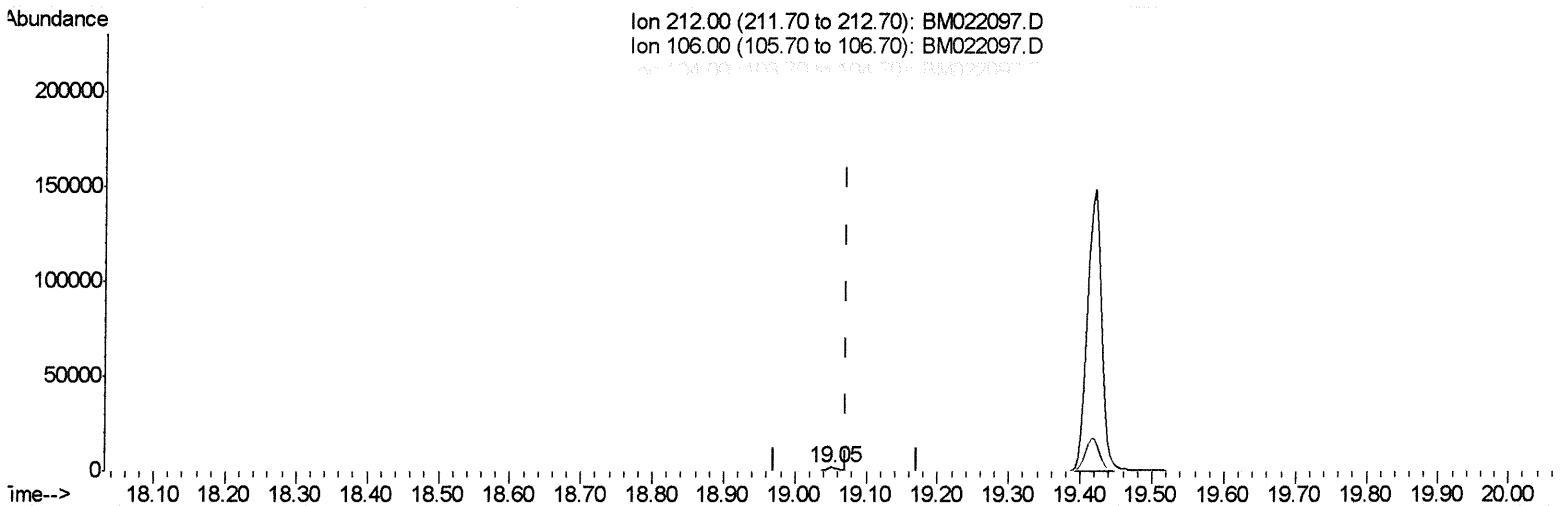
Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022097.D
 Acq On : 14 Aug 2019 08:15
 Operator : HP/JU
 Sample : K4183-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COAH0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:32 PM

Quant Time: Aug 14 09:04:28 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 : Wed Aug 14 08:16:48 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.053min (-0.019) 0.17ng/ul m 08/14/19

response 2598

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

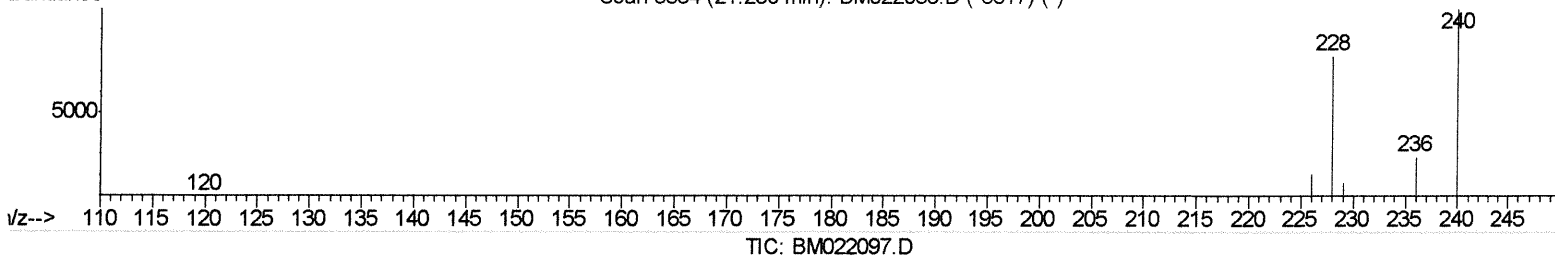
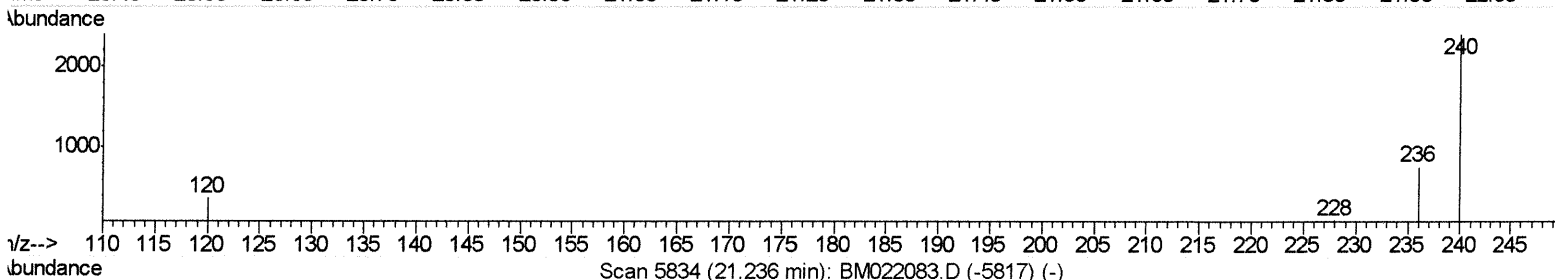
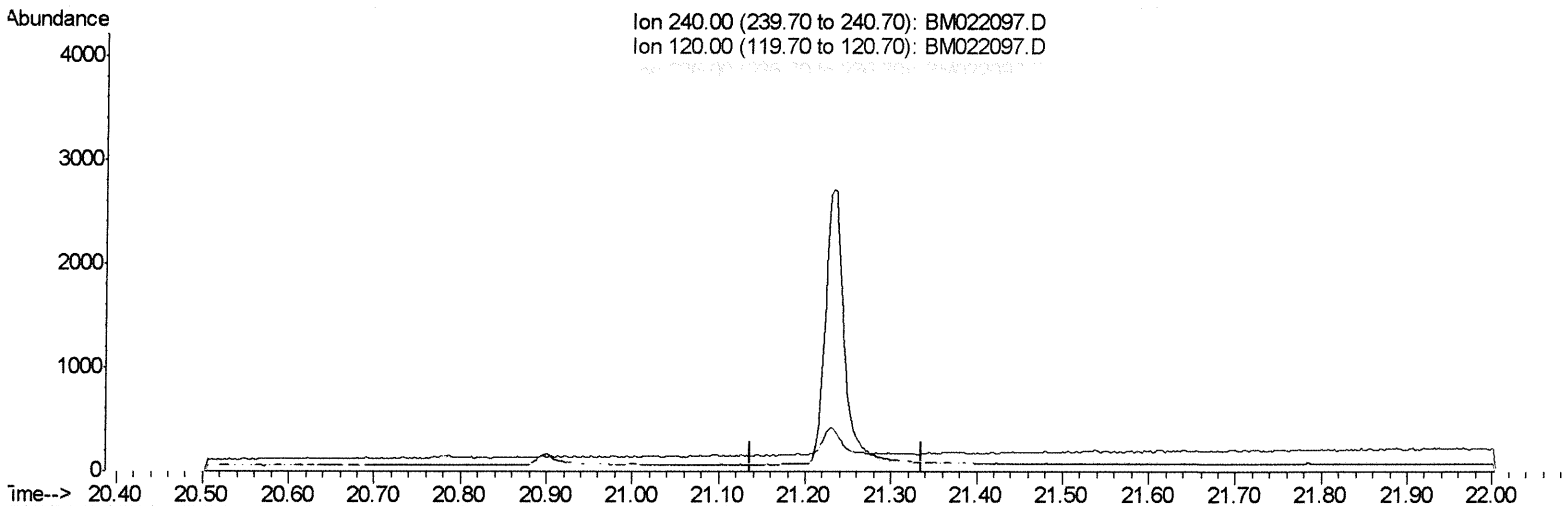
Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022097.D
 Acq On : 14 Aug 2019 08:15
 Operator : HP/JU
 Sample : K4183-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 COAH0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:32 PM

Quant Time: Aug 14 09:04:28 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 : Wed Aug 14 08:16:48 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.236min (-21.236) 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

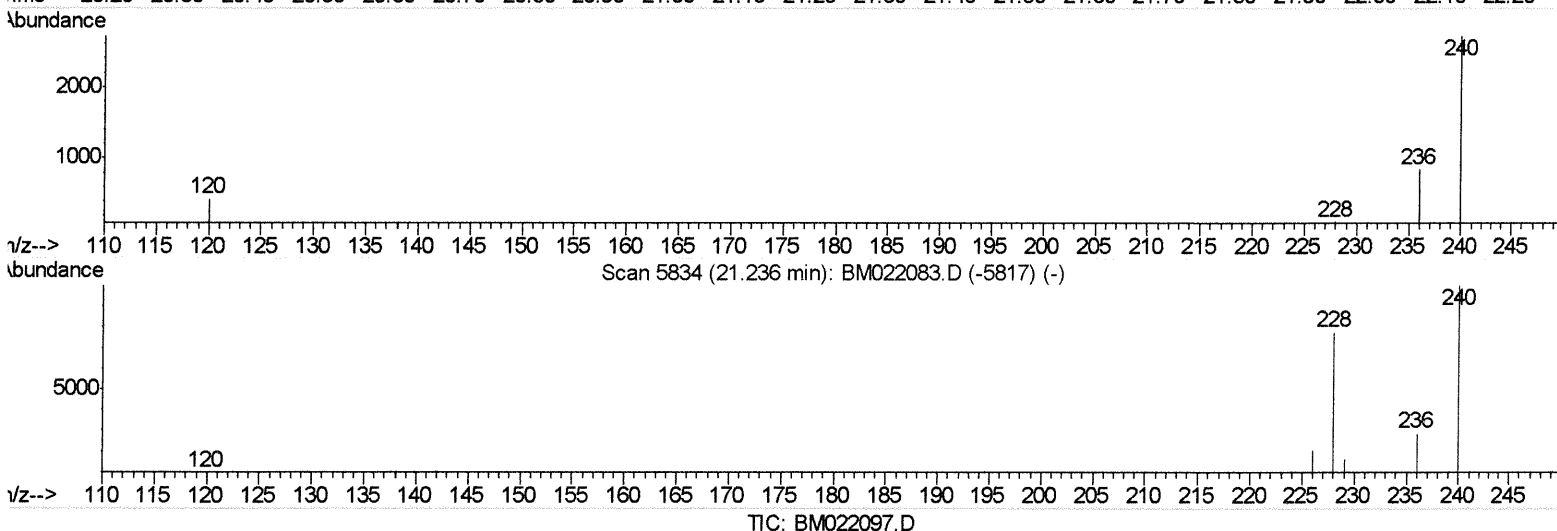
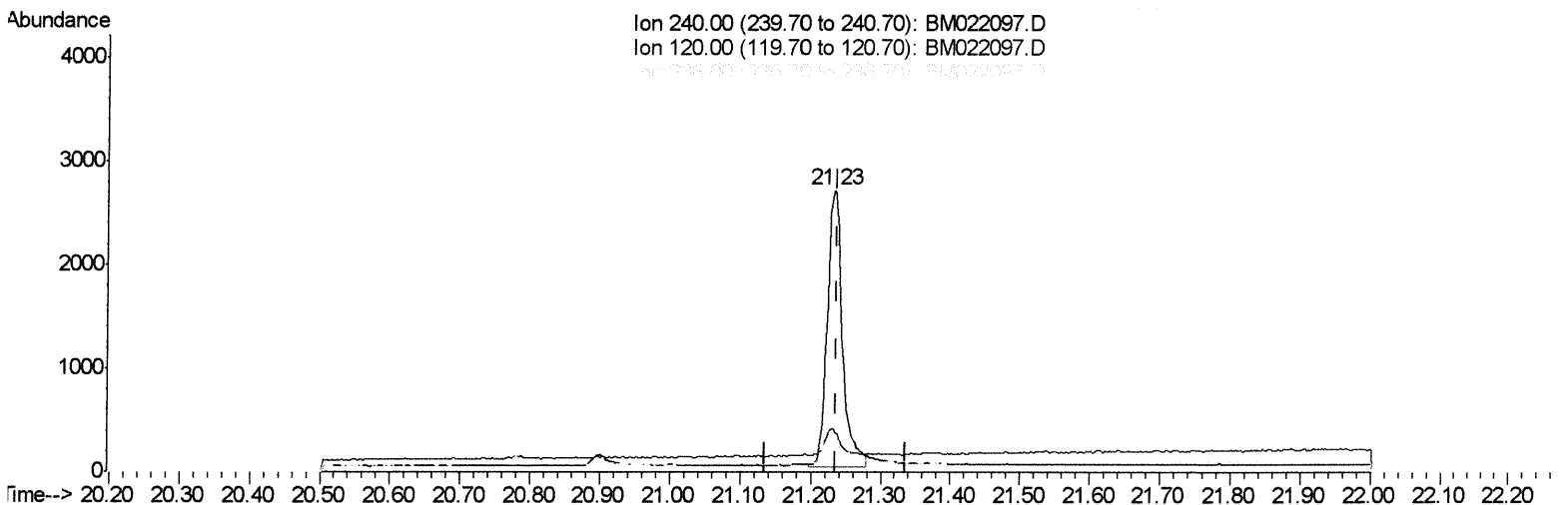
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 Data File : BM022097.D
 Acq On : 14 Aug 2019 08:15
 Operator : HP/JU
 Sample : K4183-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:32 PM

Quant Time: Aug 14 09:04:28 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 : Wed Aug 14 08:16:48 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.231min (-0.005) 0.40ng/ul m

50
 08/14/19

response 4086

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.41
236.00	32.30	30.89
0.00	0.00	0.00

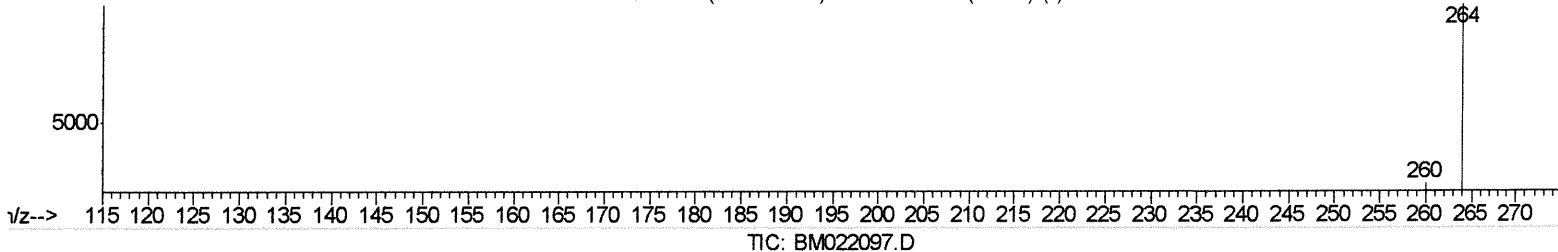
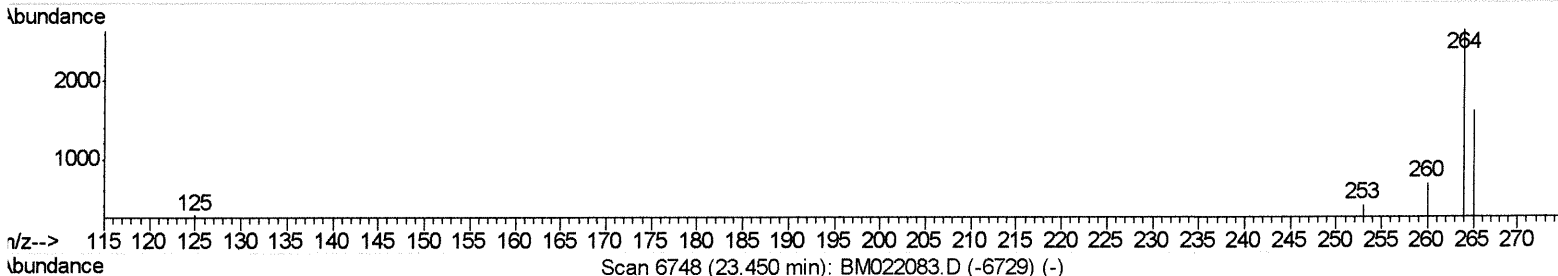
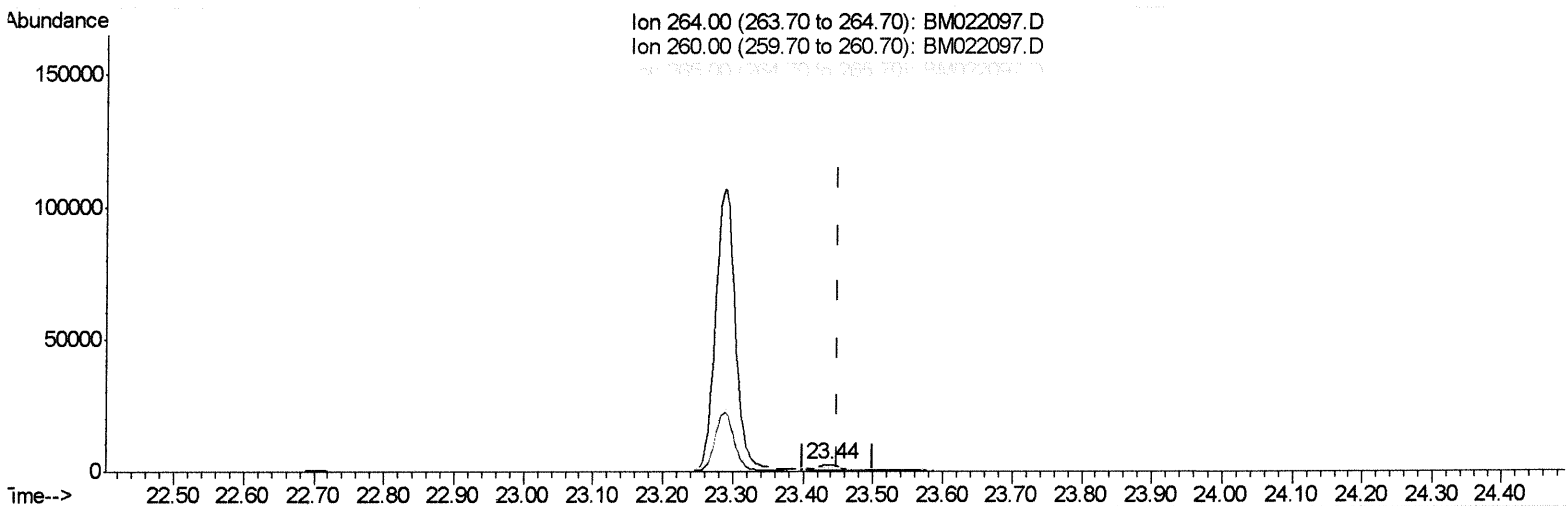
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 Data File : BM022097.D
 Acq On : 14 Aug 2019 08:15
 Operator : HP/JU
 Sample : K4183-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COAH0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:32 PM

Quant Time: Aug 14 09:05:04 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



(20) Perylene-d12 (I)

23.438min (-0.012) 0.40ng/ul

response 4768

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.00
265.00	117.00	61.17#
0.00	0.00	0.00

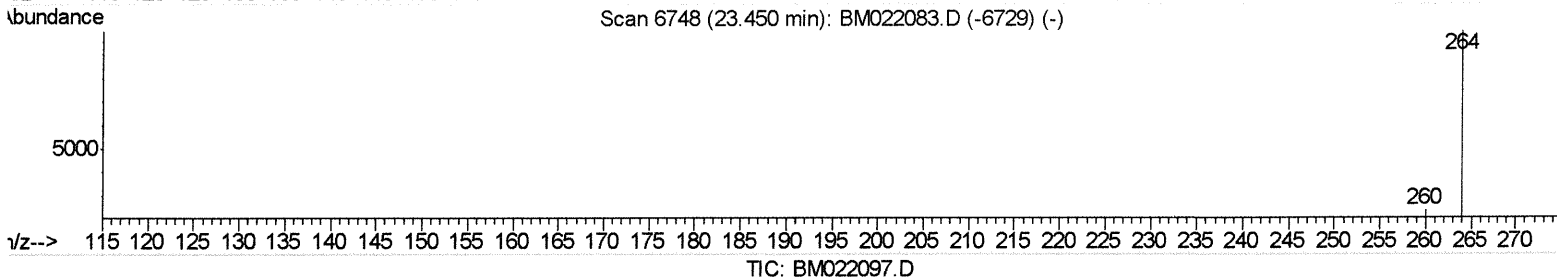
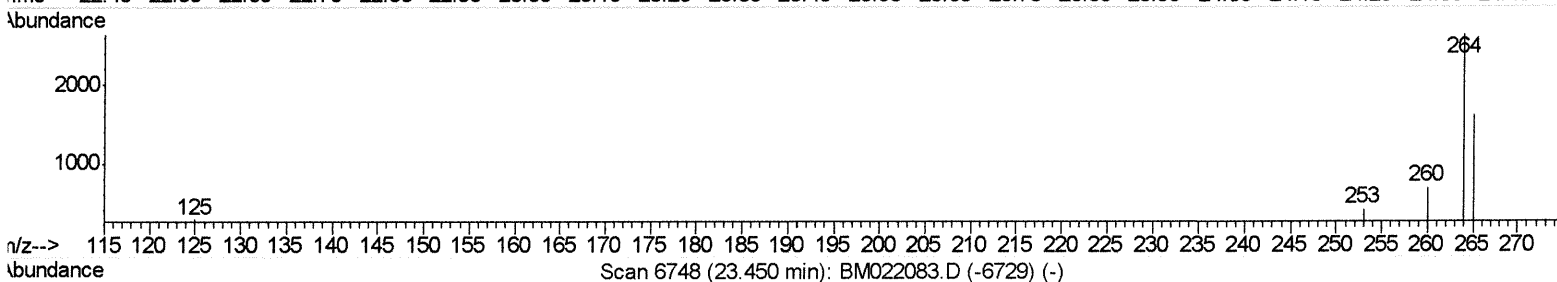
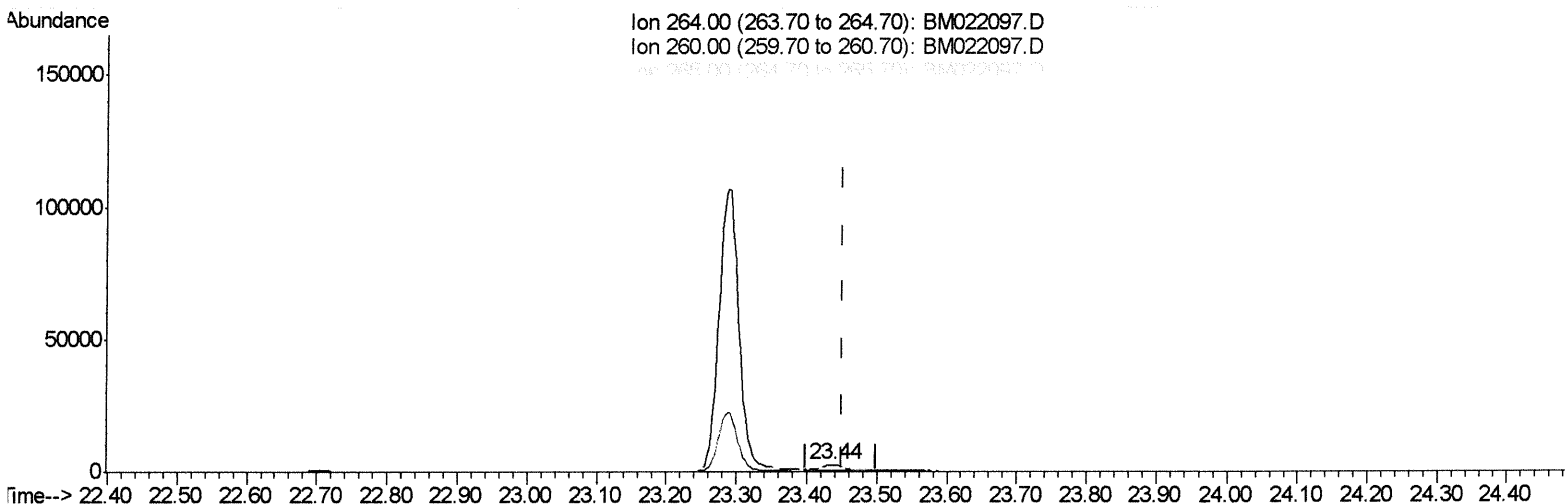
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 Data File : BM022097.D
 Acq On : 14 Aug 2019 08:15
 Operator : HP/JU
 Sample : K4183-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COAH0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:32 PM

Quant Time: Aug 14 09:05:04 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 : Wed Aug 14 08:16:48 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.438min (-0.012) 0.40ng/ul m *50 08/14/19*

response 4100

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.00
265.00	117.00	61.17#
0.00	0.00	0.00

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022097.D
 Acq On : 14 Aug 2019 08:15
 Operator : HP/JU
 Sample : K4183-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:32 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	962	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	3858	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	1934	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4436m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	4086m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4100m	0.40	ng/ul	-0.01

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 08/14/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.00	152	947	0.15	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	2598m	0.17	ng/ul	-0.02

JU 08/14/19

Target Compounds Qvalue

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