

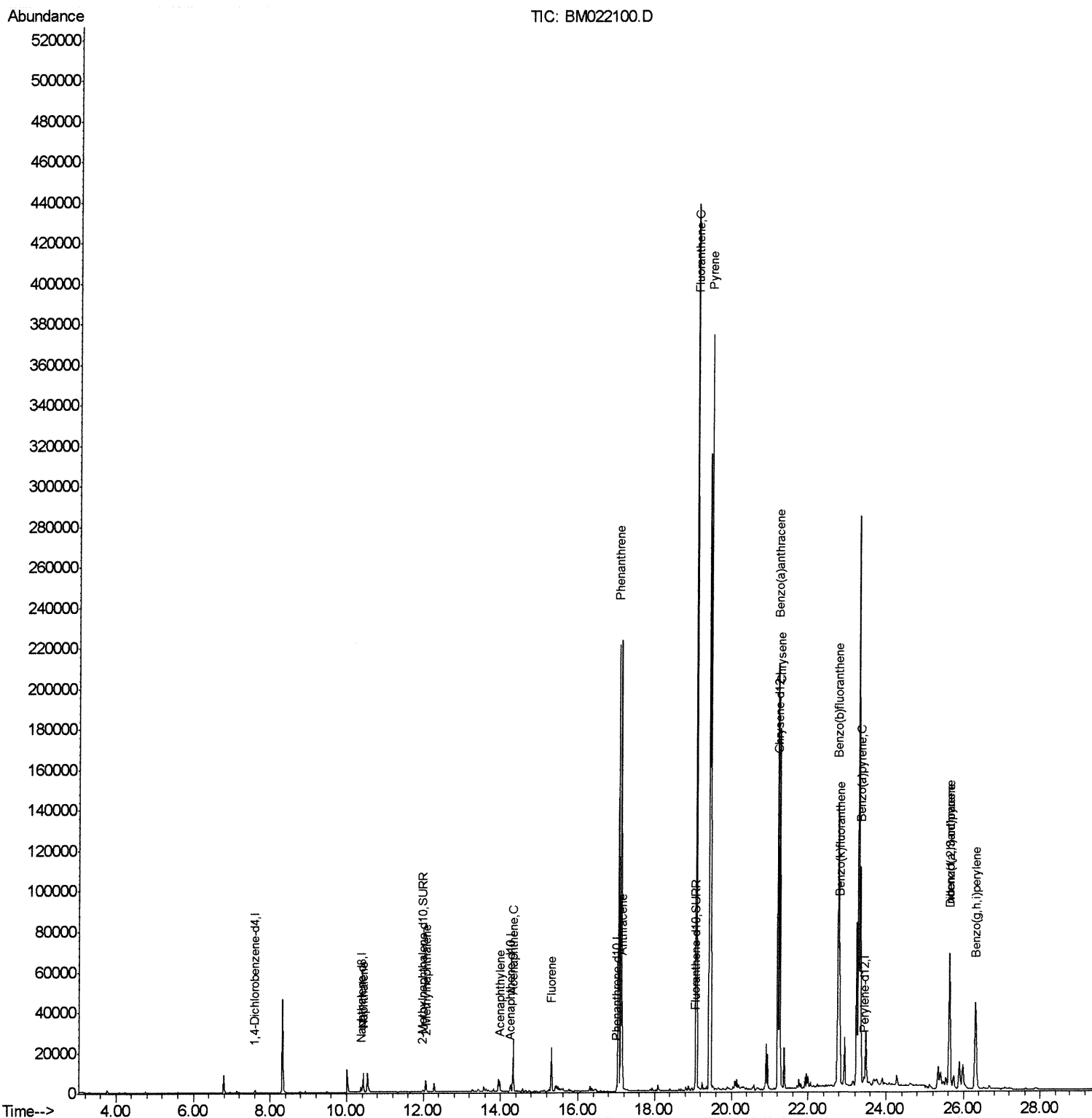
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:11:44 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 : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration



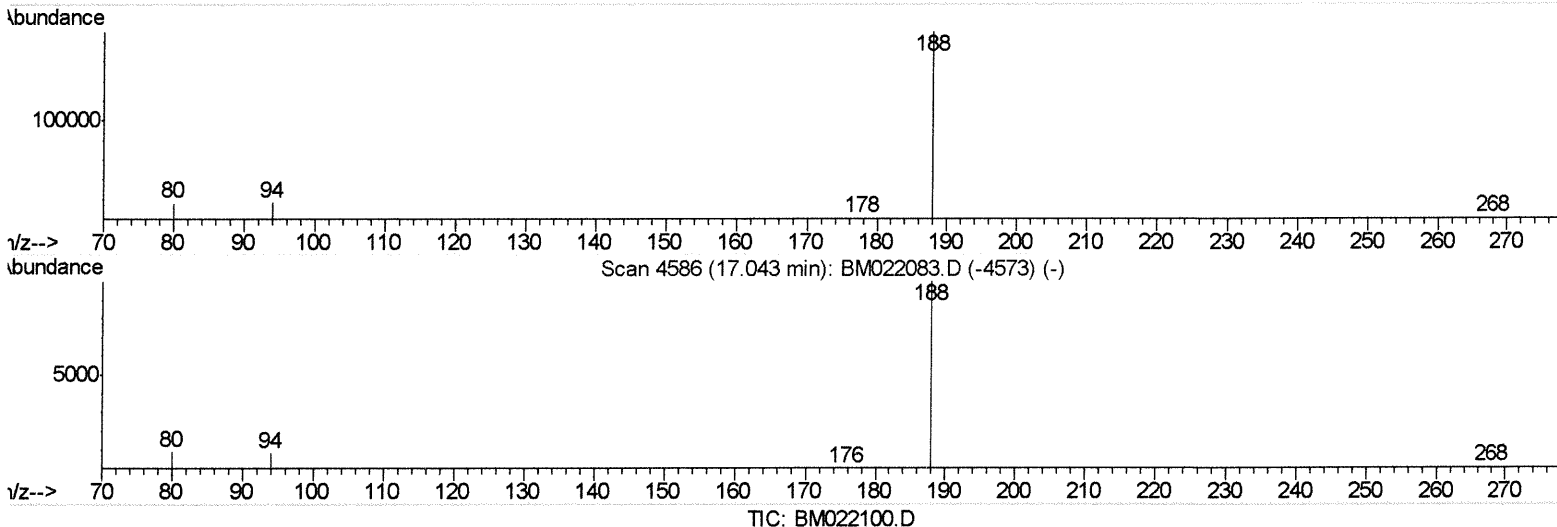
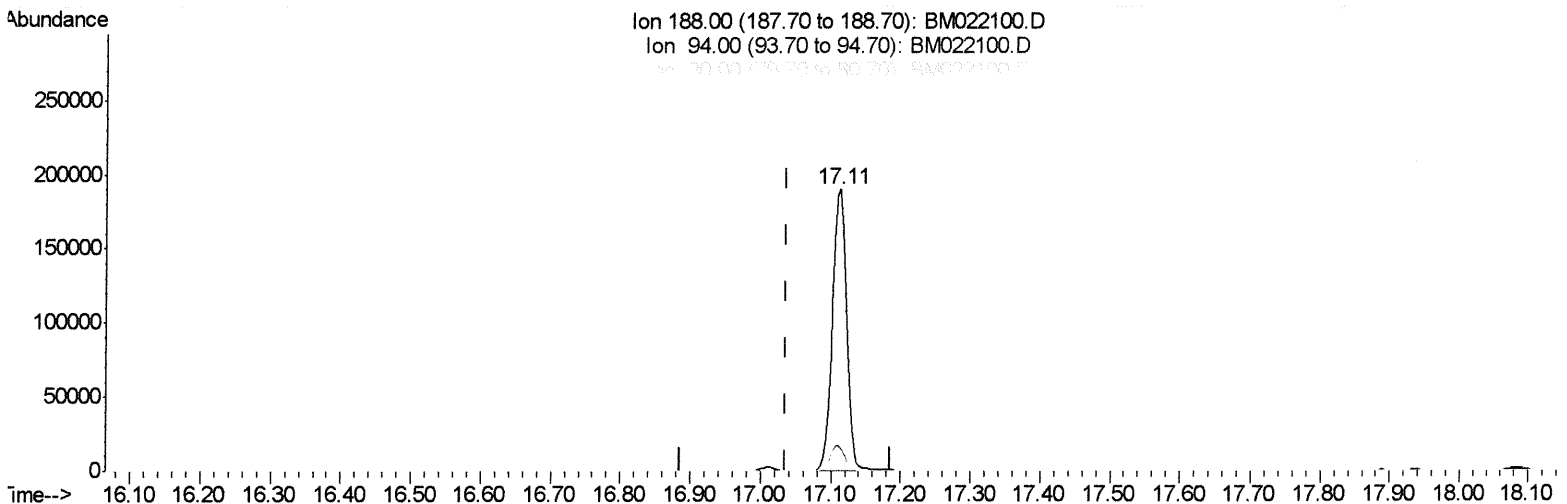
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:03:36 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 13:53:23 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.112min (+0.076) 0.40ng/ul

response 266387

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.78
80.00	11.40	8.27#
0.00	0.00	0.00

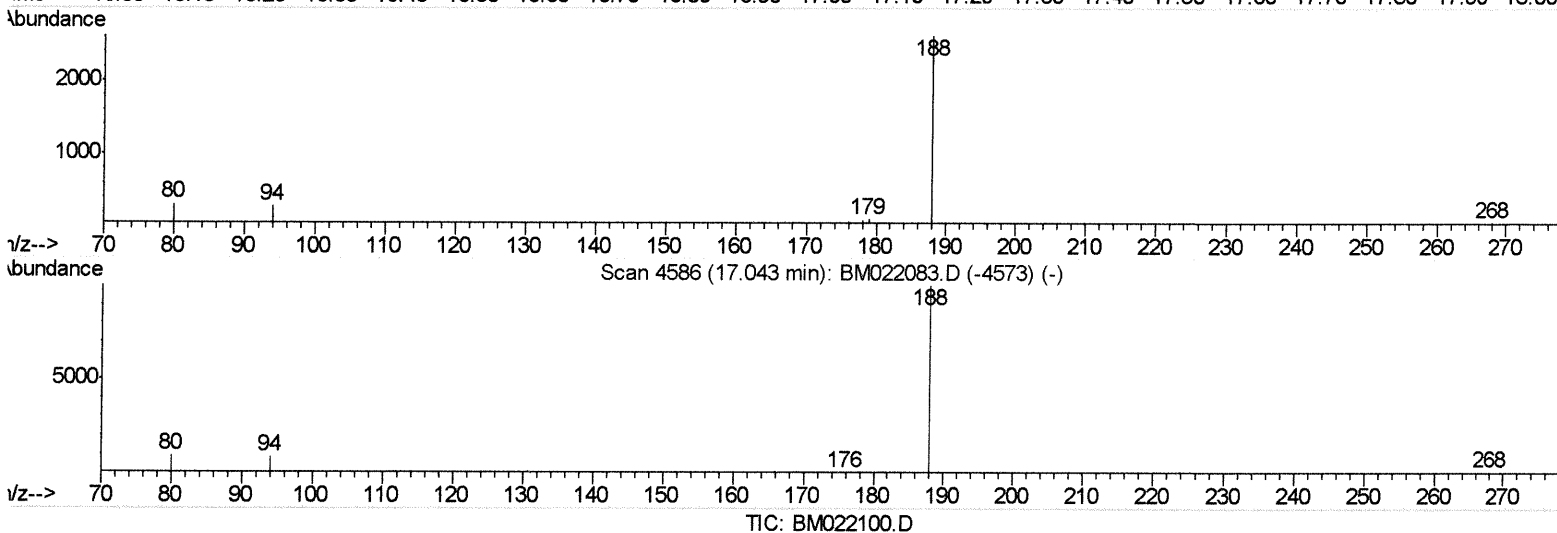
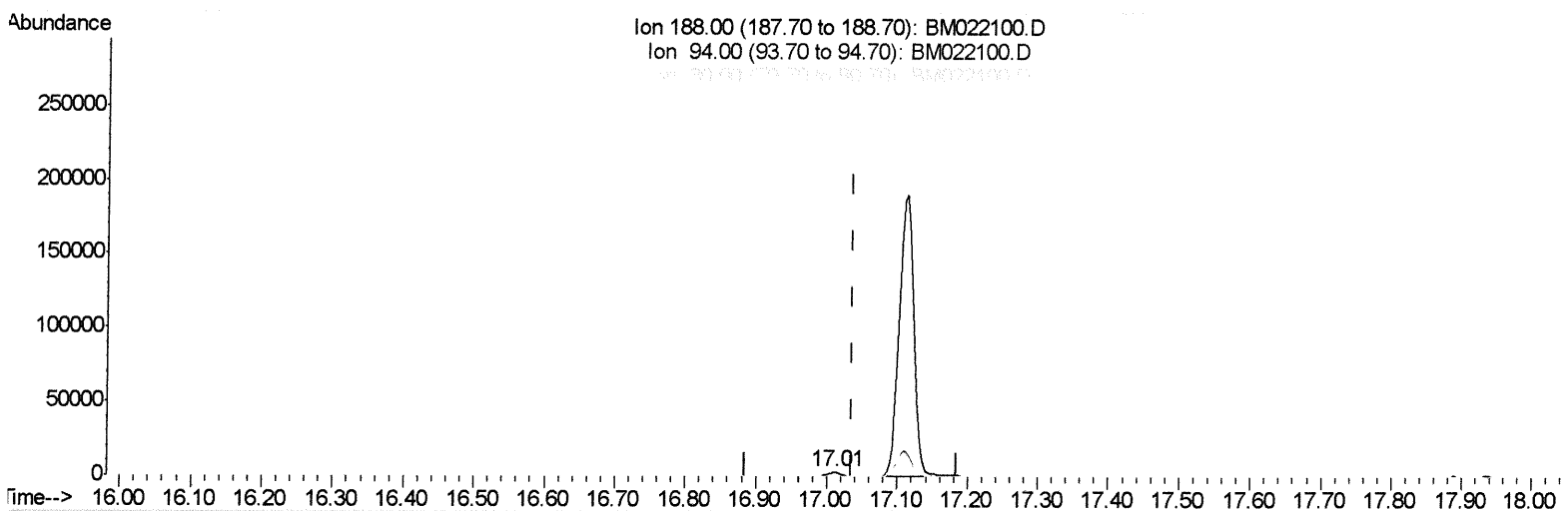
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:03:36 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 13:53:23 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.011min (-0.024) 0.40ng/ul m

JU
 08/14/19

response 3758

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.49
80.00	11.40	11.56
0.00	0.00	0.00

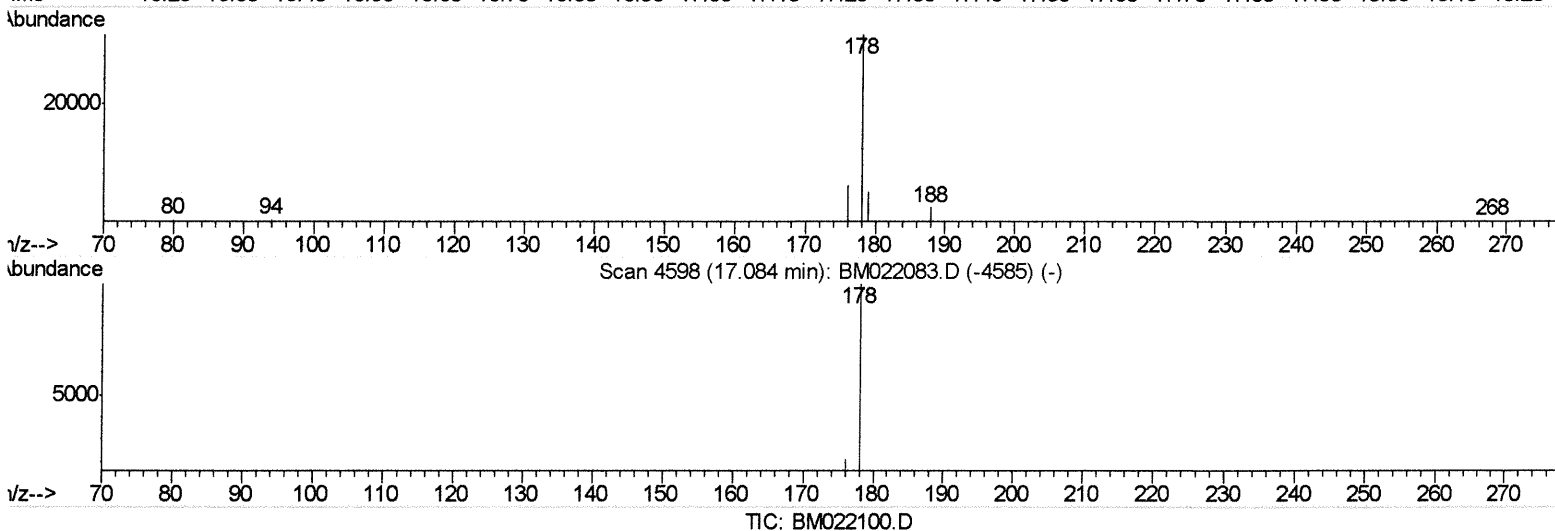
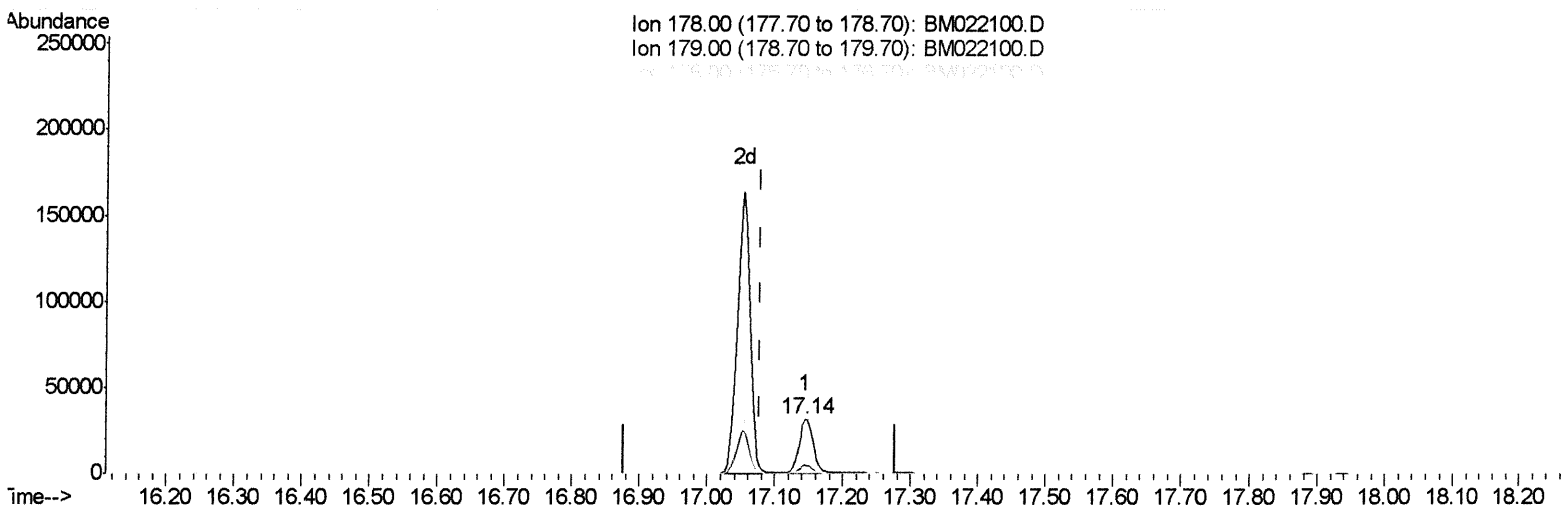
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:07:37 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 13:53:23 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.143min (+0.066) 4.29ng/ul

response 46874

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.63
176.00	21.00	19.07
0.00	0.00	0.00

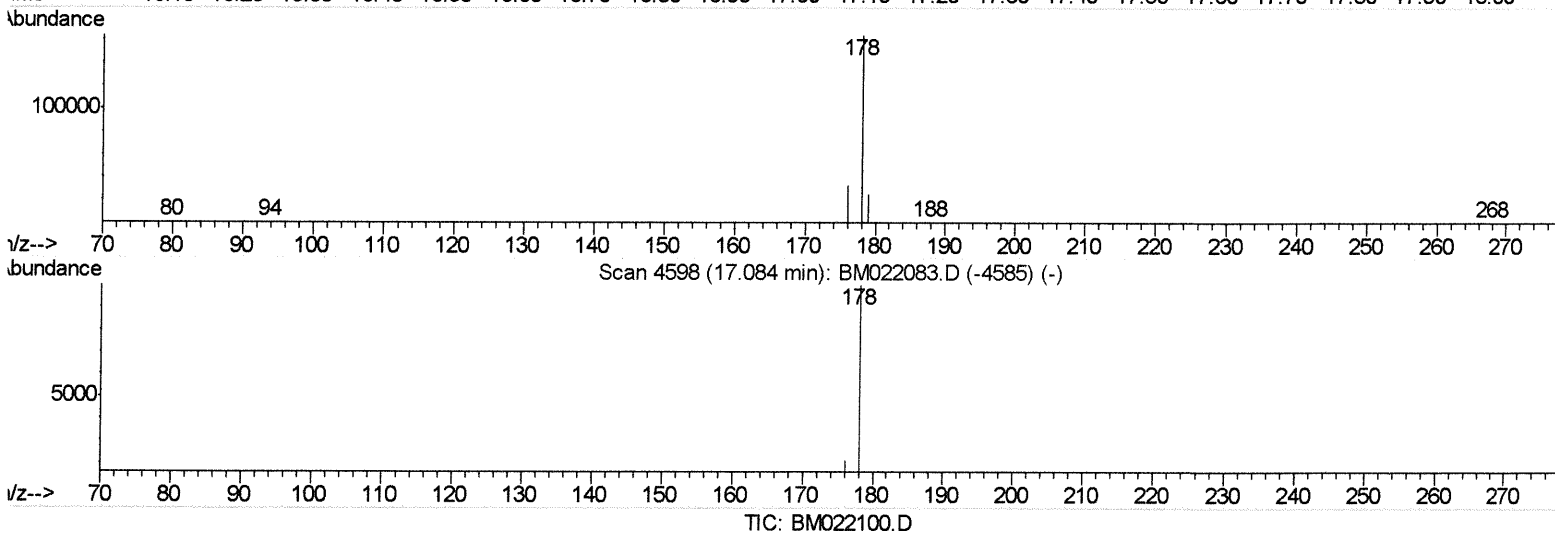
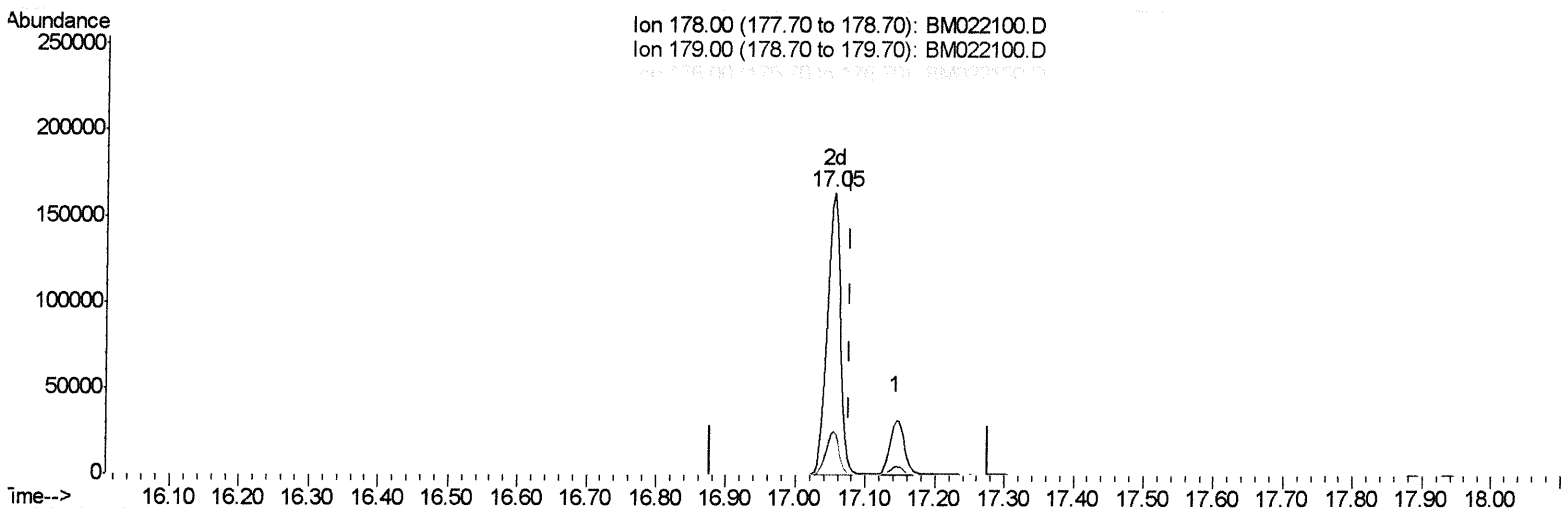
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:07:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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 QLast Update : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.053min (-0.024) 19.80ng/ul m

JU
 08/14/19

response 216480

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.39
176.00	21.00	19.69
0.00	0.00	0.00

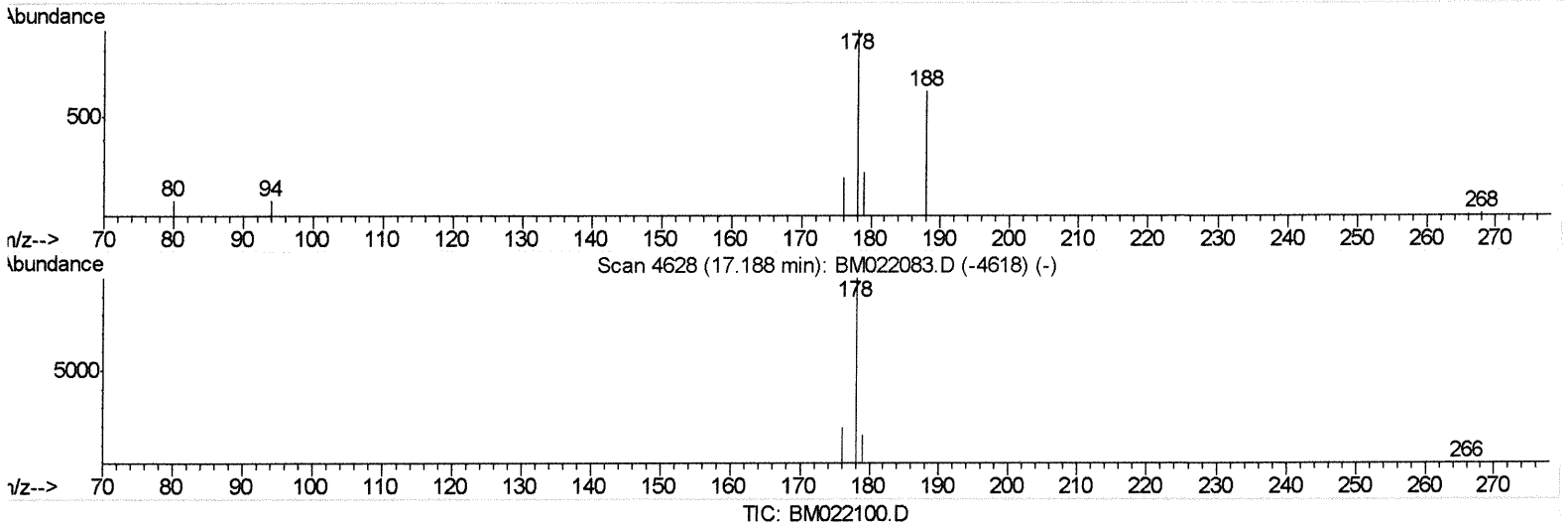
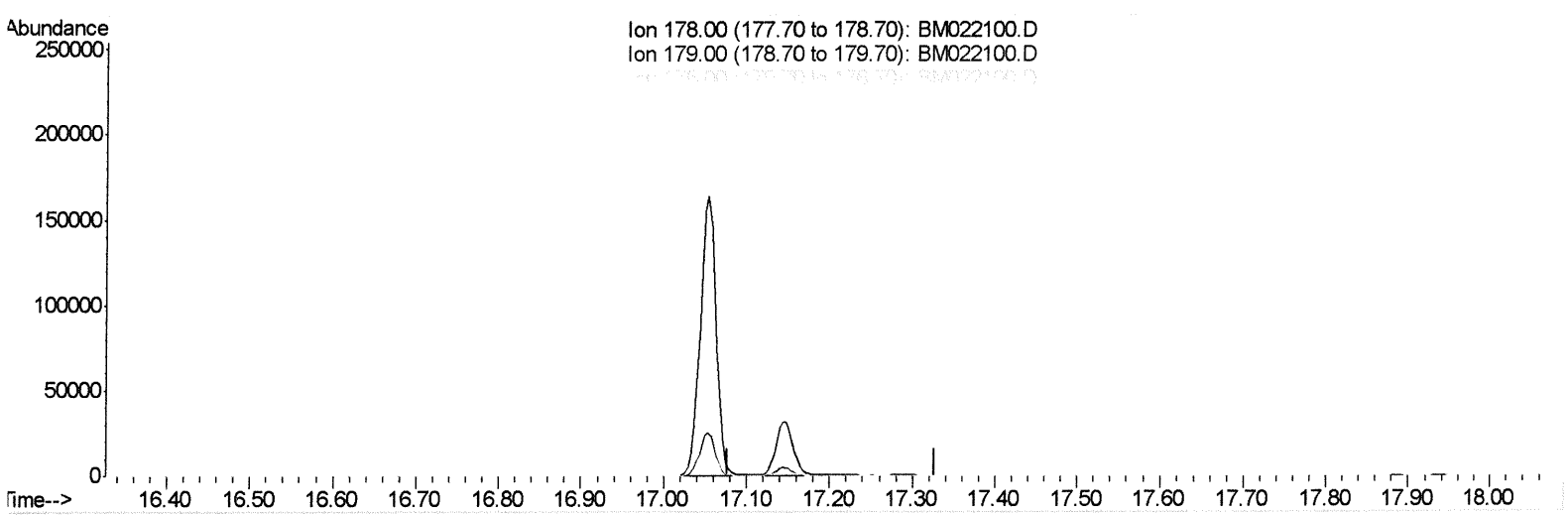
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:07:37 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 13:53:23 2019
 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

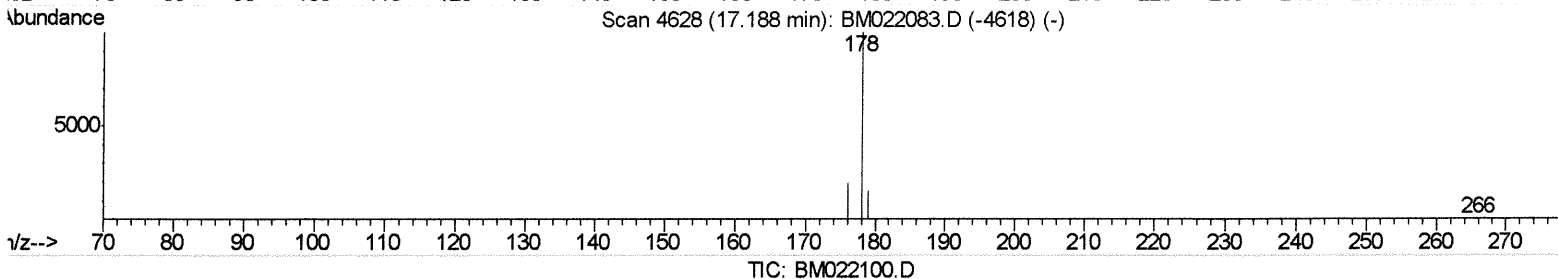
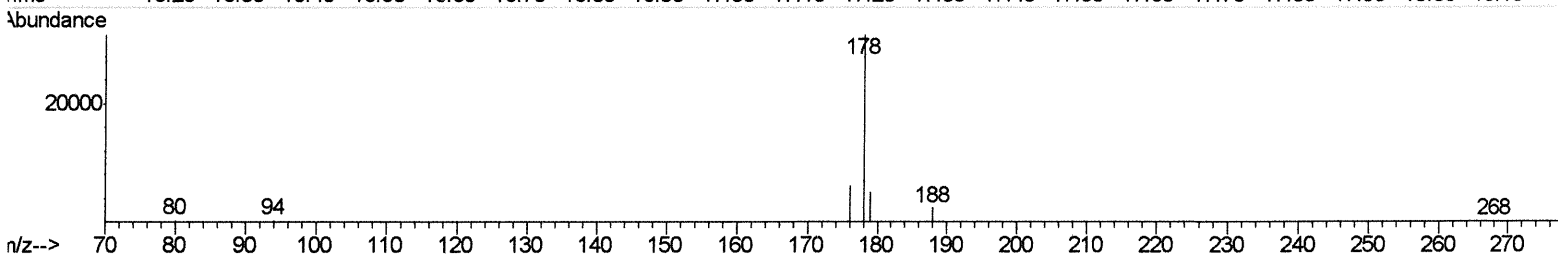
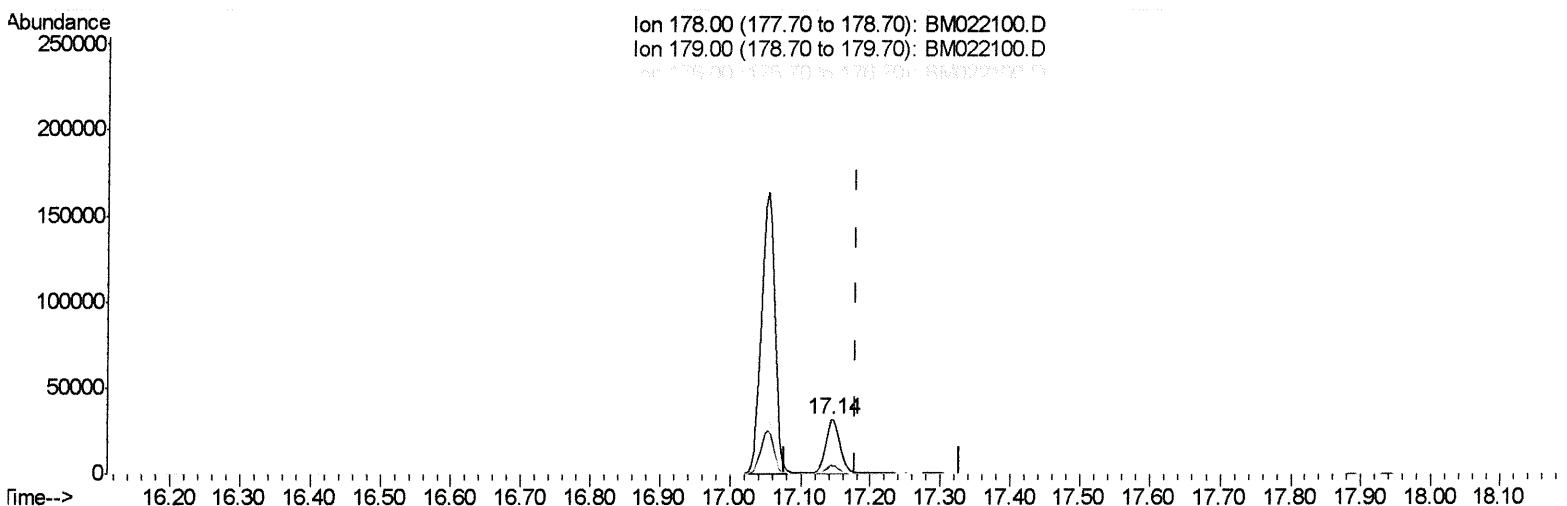
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:07:37 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 13:53:23 2019
 Response via : Initial Calibration



(13) Anthracene

17.143min (-0.035) 5.04ng/ul m *50* 08/14/19

response 47049

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	15.63
176.00	20.80	19.07
0.00	0.00	0.00

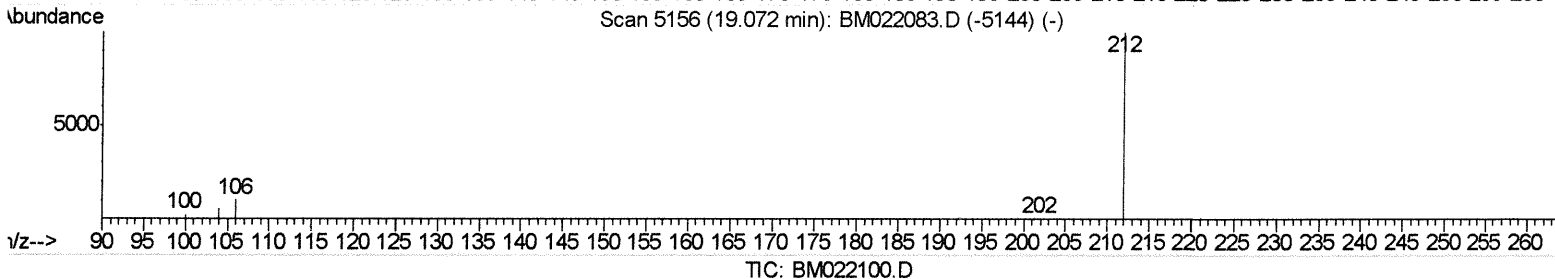
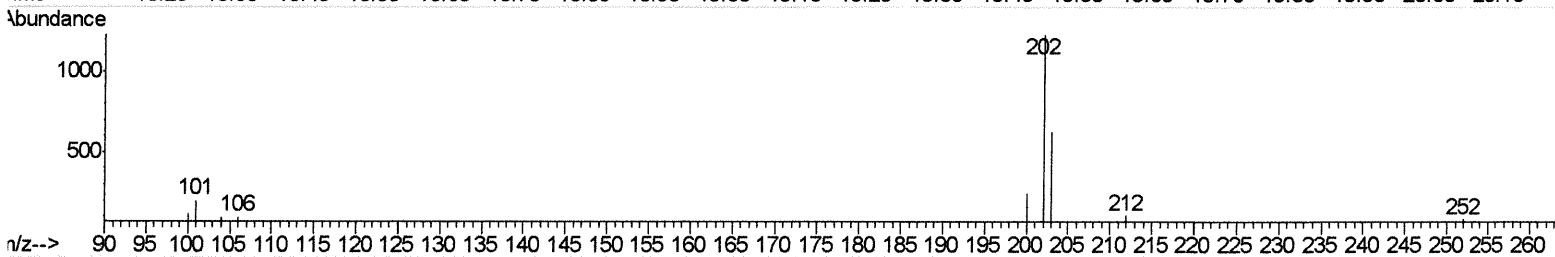
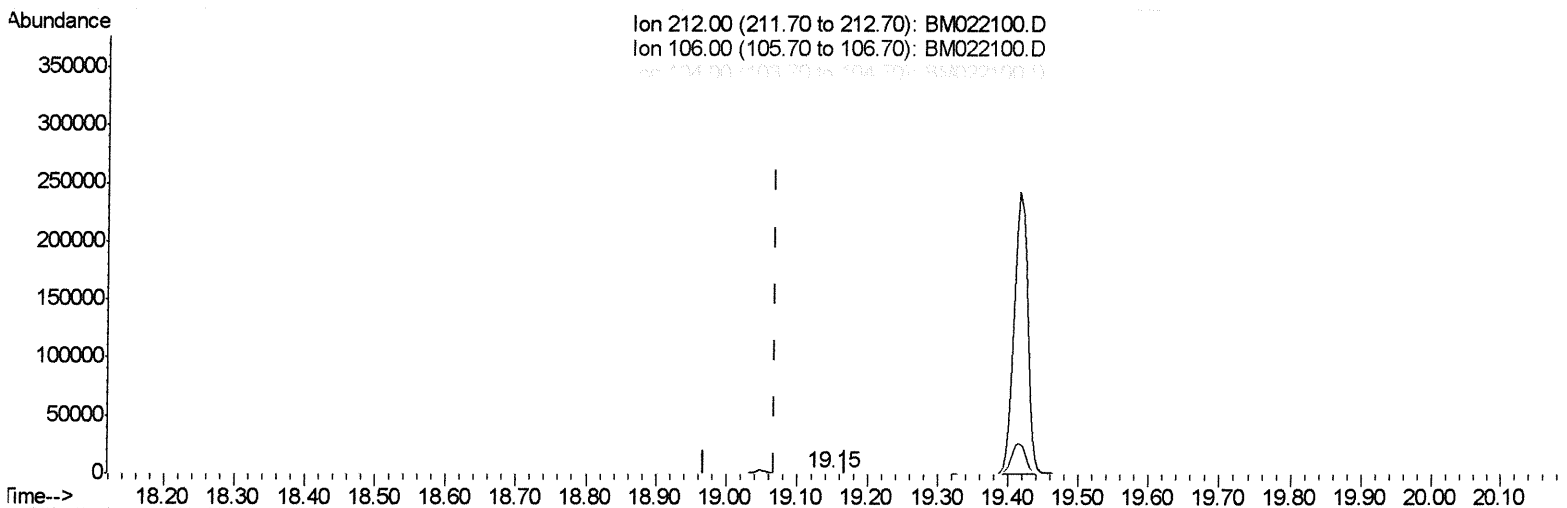
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:07:37 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 13:53:23 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.148min (+0.080) 0.01ng/ul

response 83

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	16.87#
104.00	6.00	0.00#
0.00	0.00	0.00

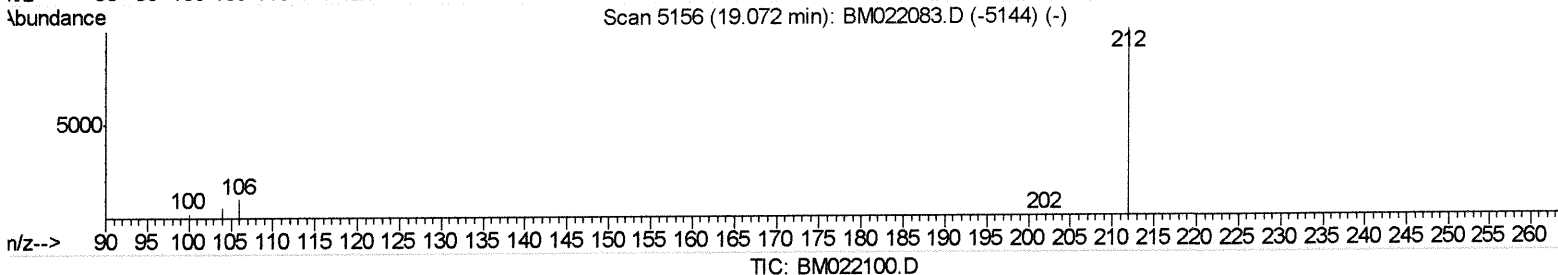
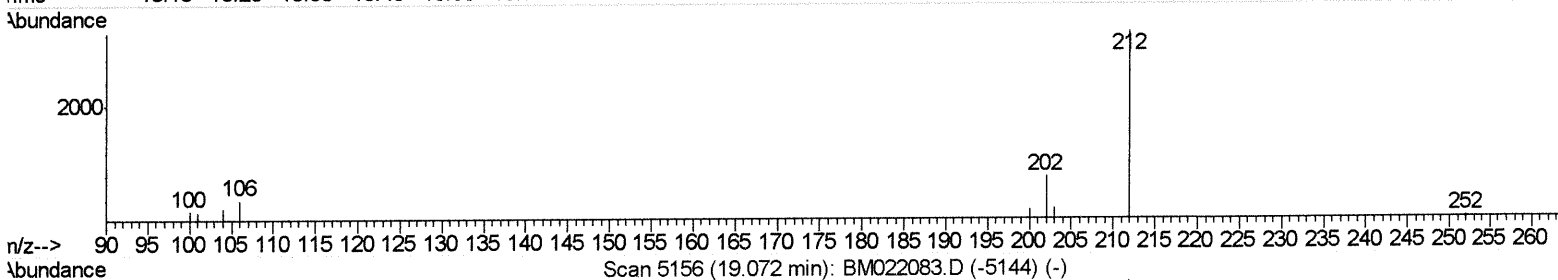
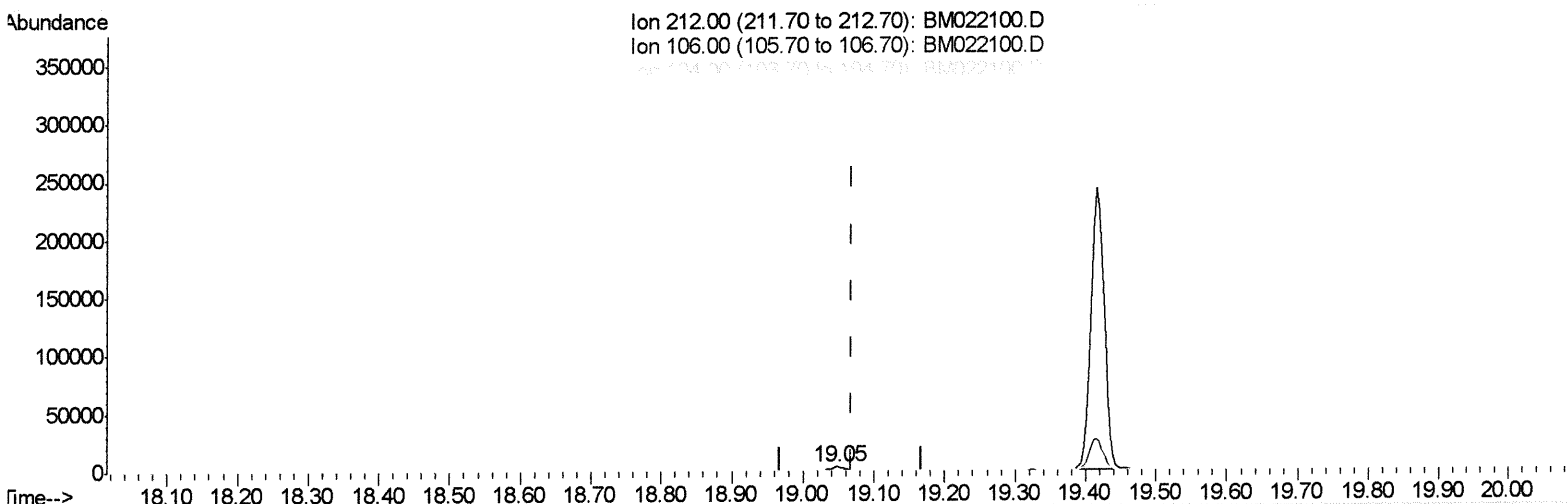
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:07:37 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 13:53:23 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.049min (-0.019) 0.36ng/ul m

JU
 08/14/19

response 4516

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.31#
104.00	6.00	0.00#
0.00	0.00	0.00

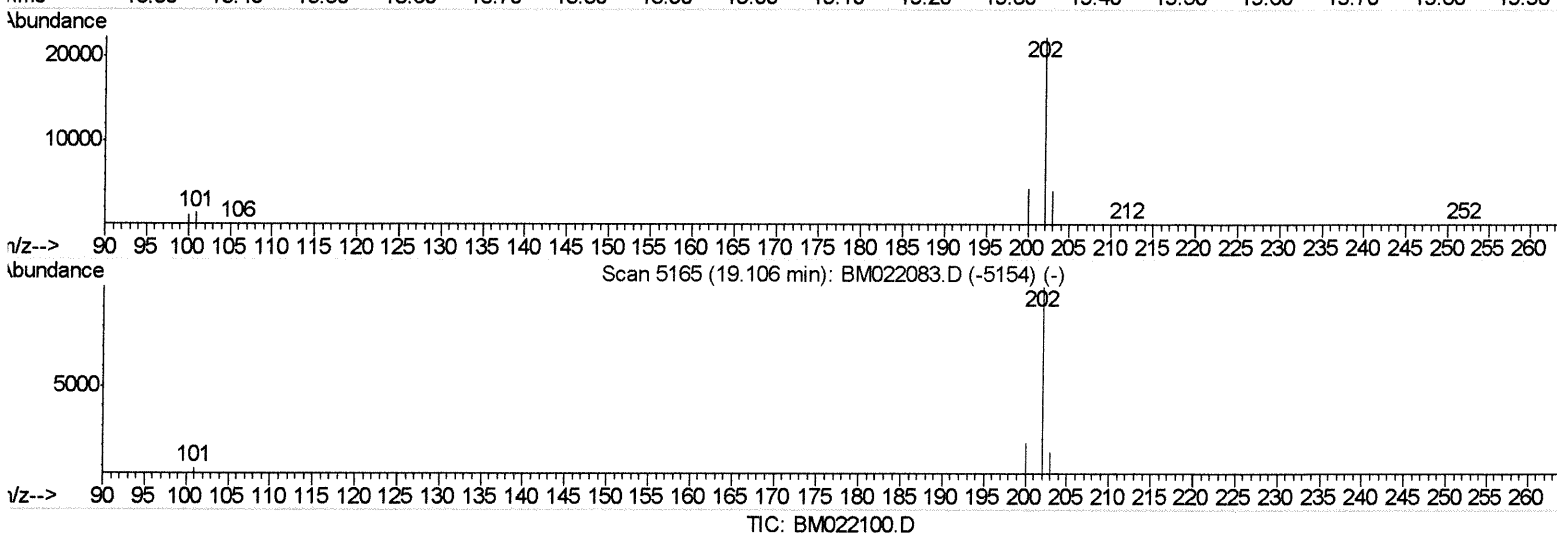
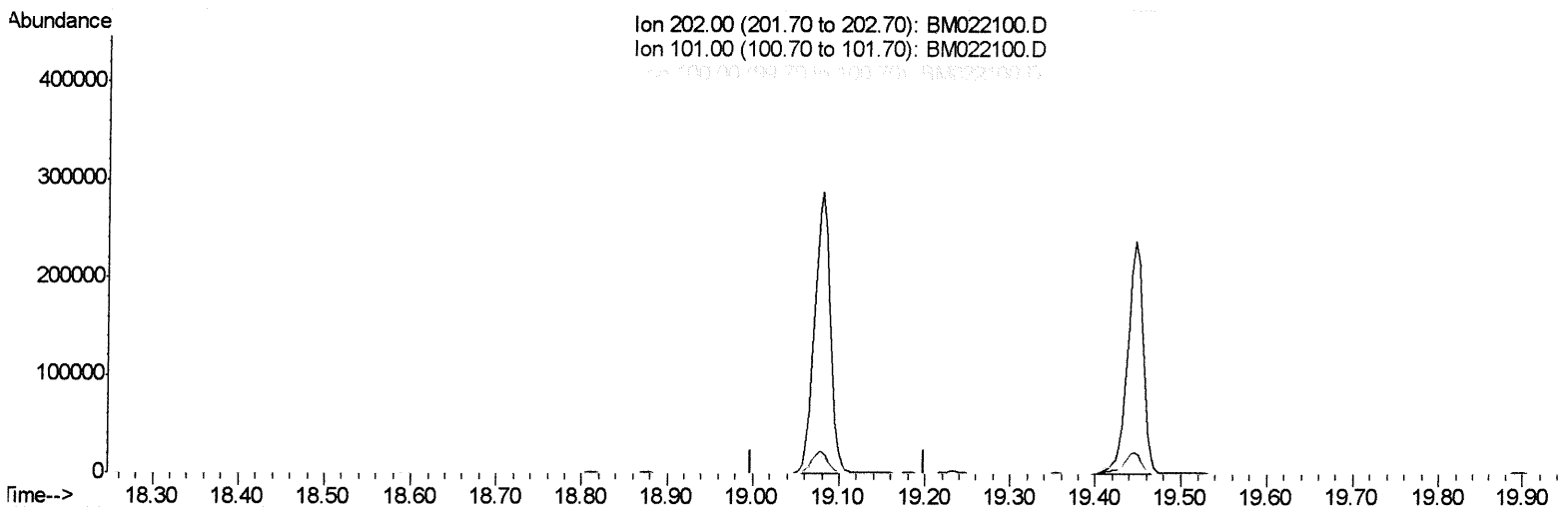
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:07:37 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 13:53:23 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.098min (-19.098) 0.00ng/ui

response 0

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

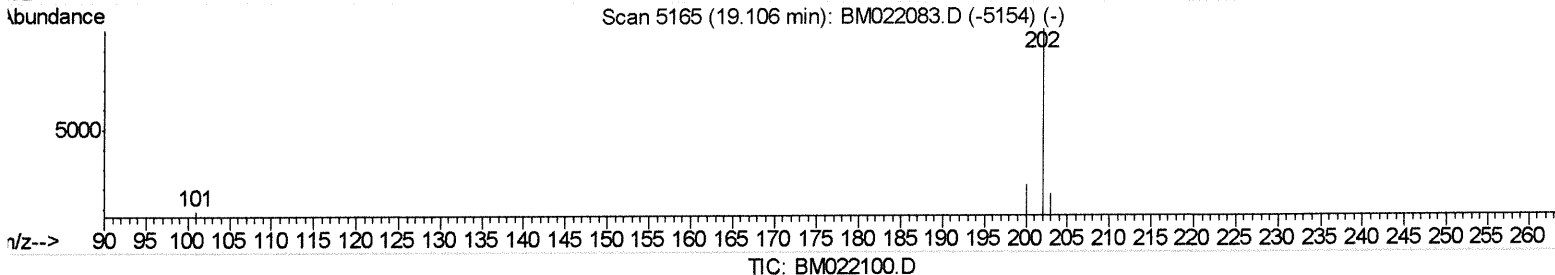
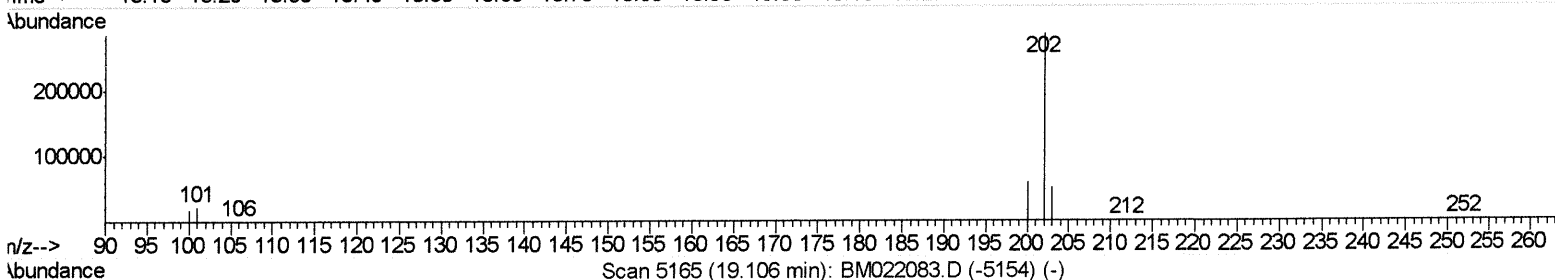
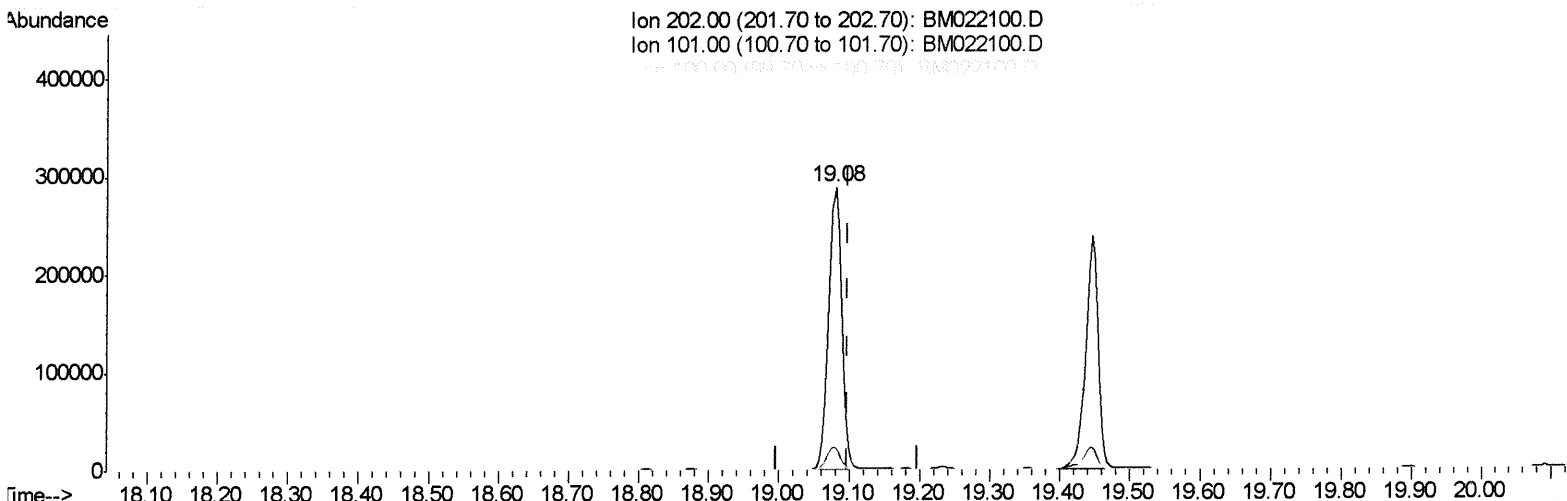
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:07:37 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 13:53:23 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.079min (-0.019) 24.85ng/ul m

JU
 8/14/19

response 363968

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	7.89
100.00	8.10	6.16
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
CB5N3

mohammad
8/15/2019 5:08:37 PM

Abundance

Ion 240.00 (239.70 to 240.70): BM022100.D

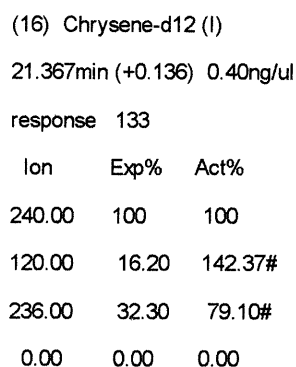
Ion 120.00 (119.70 to 120.70): BM022100.D

2d

1

21.37

Time-->



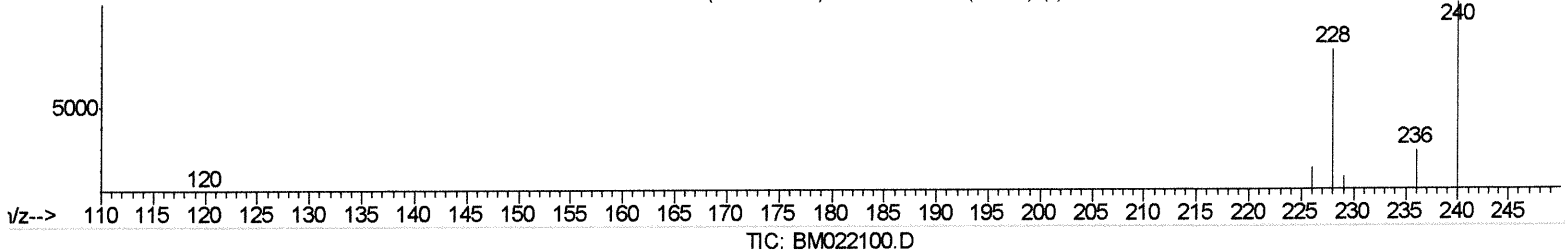
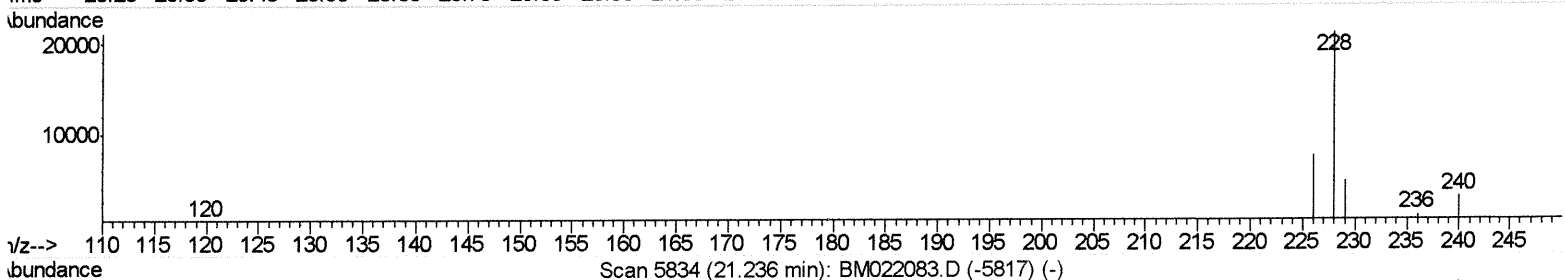
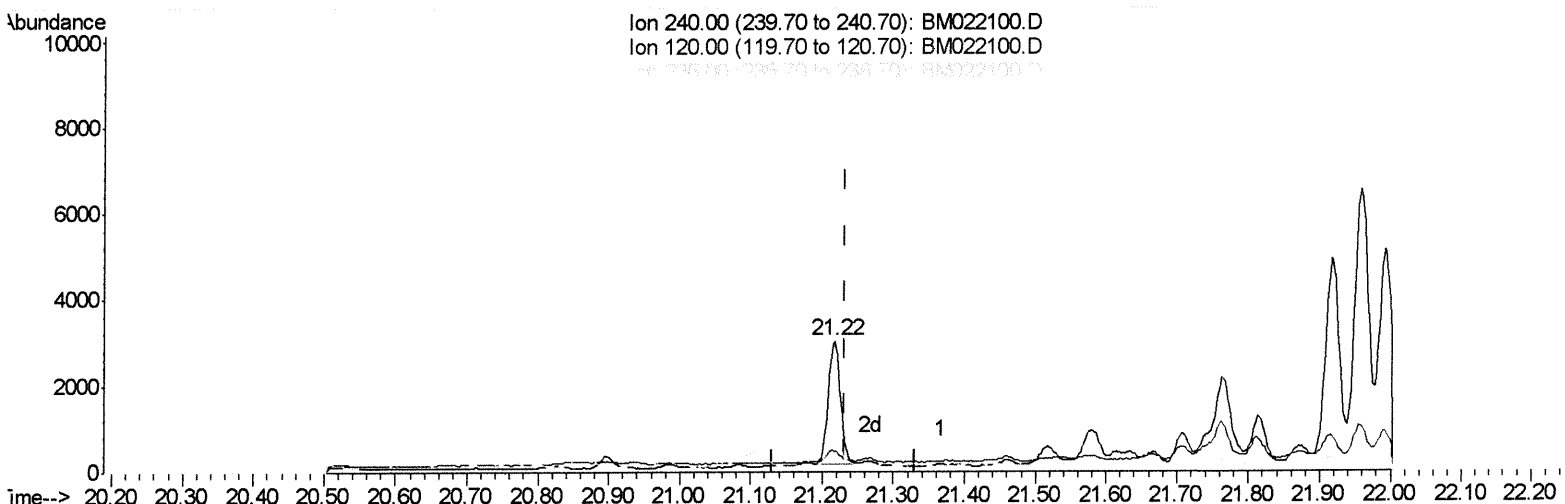
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:07:37 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 13:53:23 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.217min (-0.014) 0.40ng/ul m *JU 08/14/19*

response 3478

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	16.05
236.00	32.30	31.28
0.00	0.00	0.00

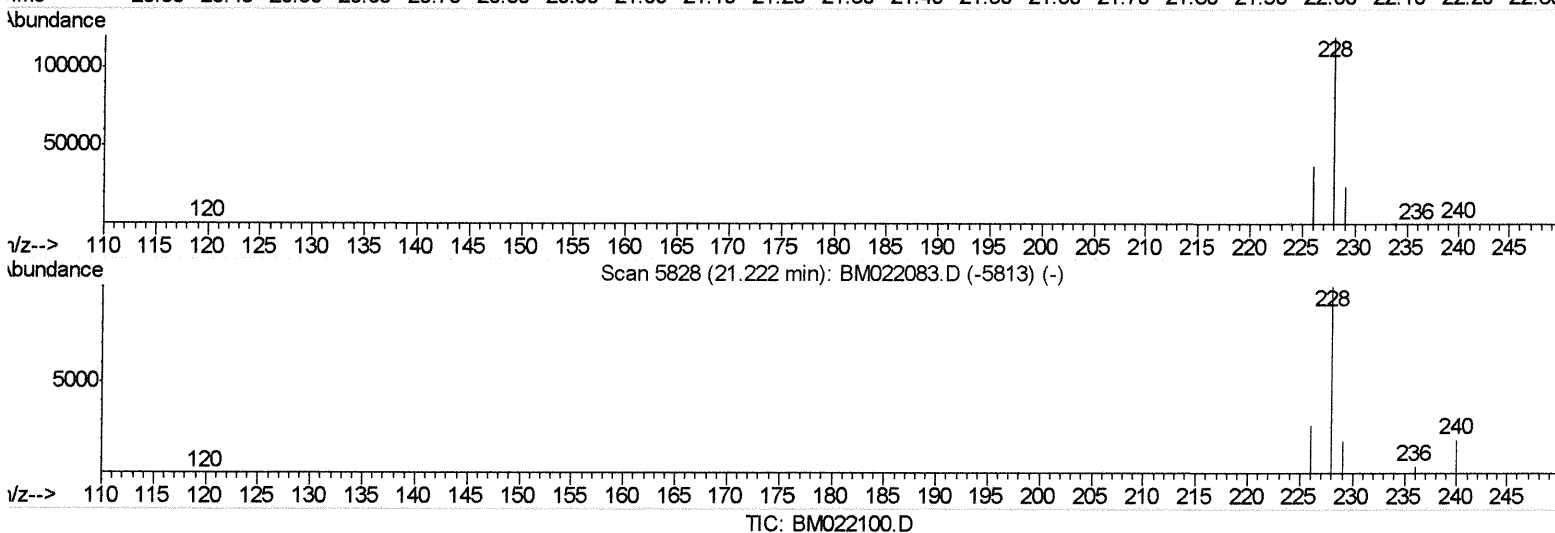
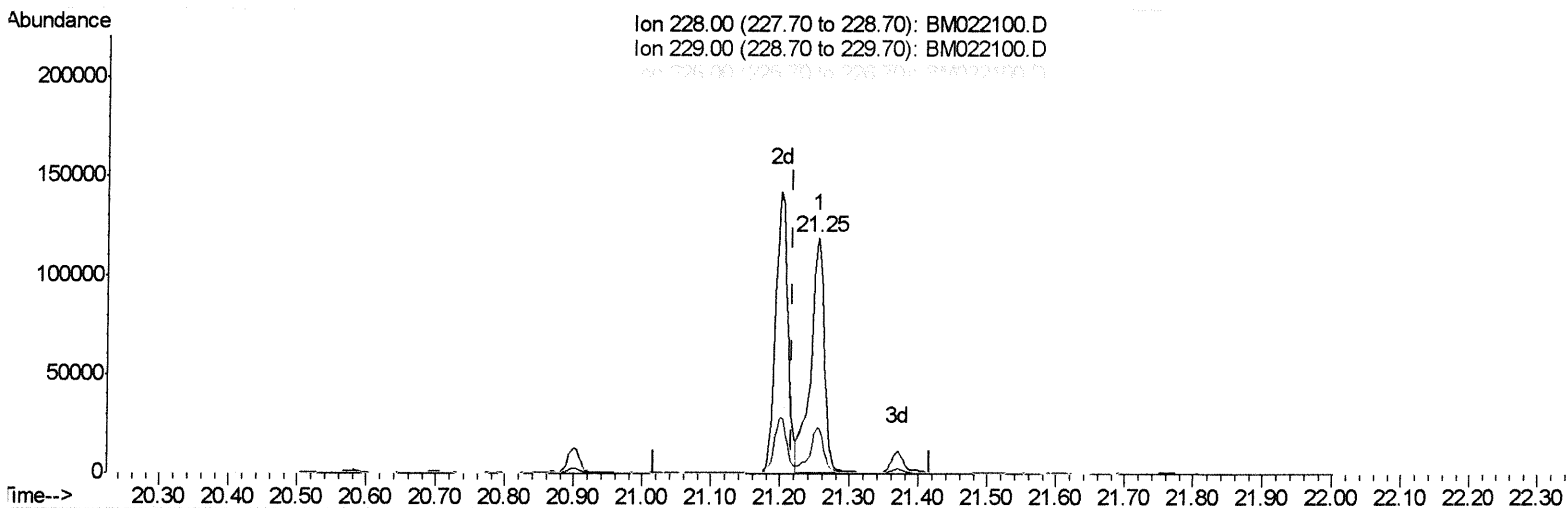
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:09:12 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 13:53:23 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.253min (+0.036) 13.28ng/ul

response 165230

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	19.78
226.00	28.30	30.77
0.00	0.00	0.00

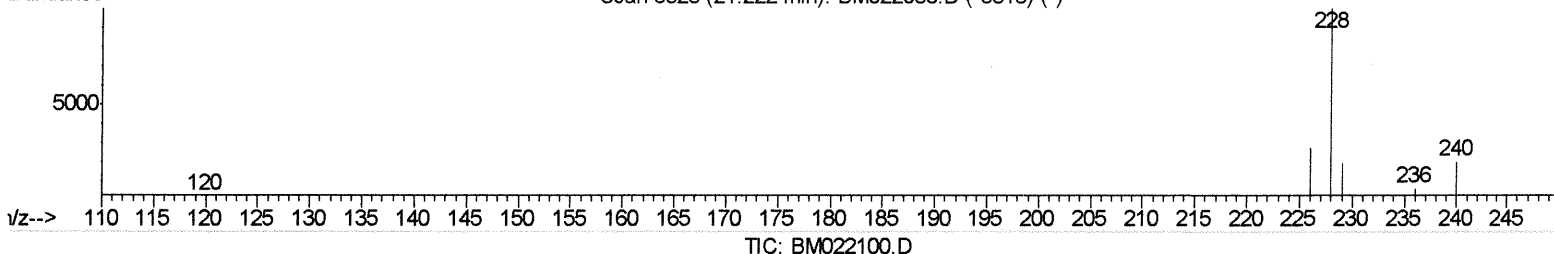
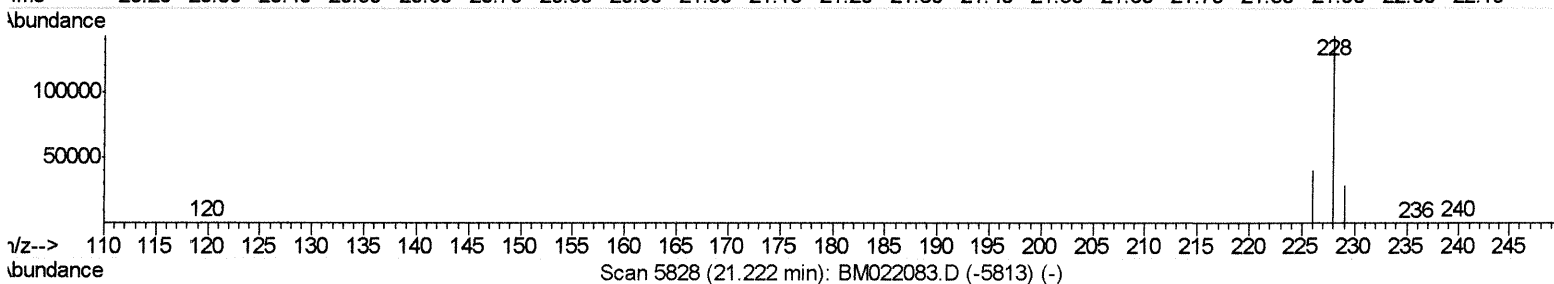
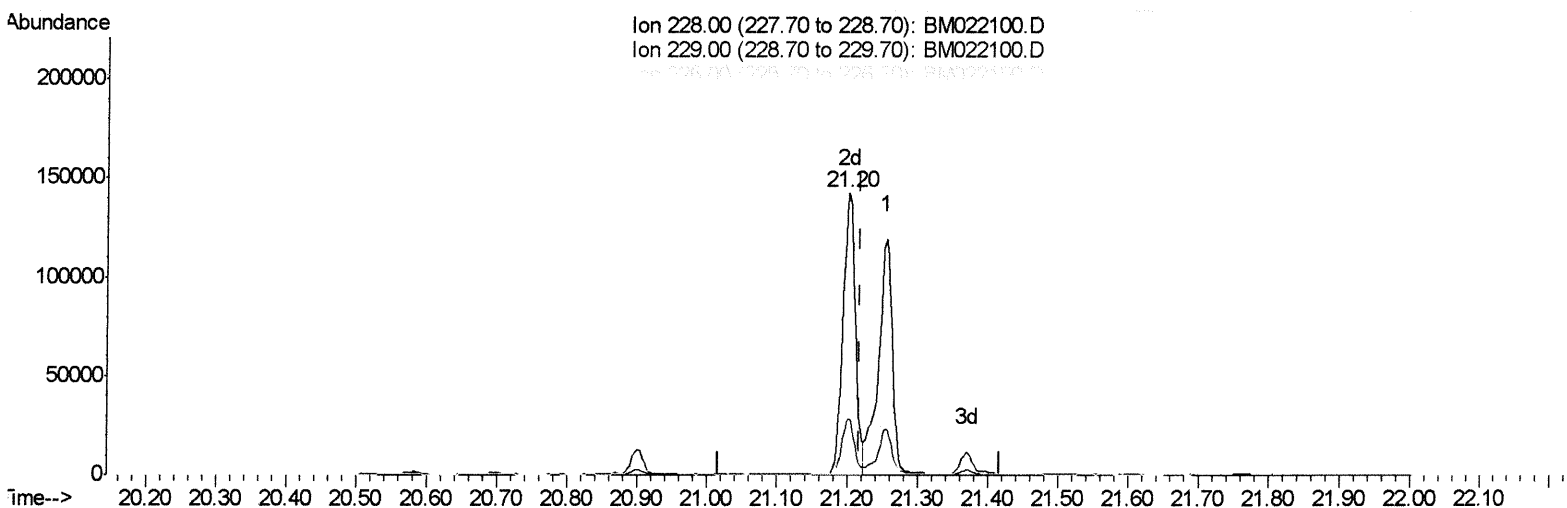
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:09:12 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 13:53:23 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.200min (-0.017) 14.14ng/ul m *JU* 8/14/19

response 175927

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.06
226.00	28.30	28.34
0.00	0.00	0.00

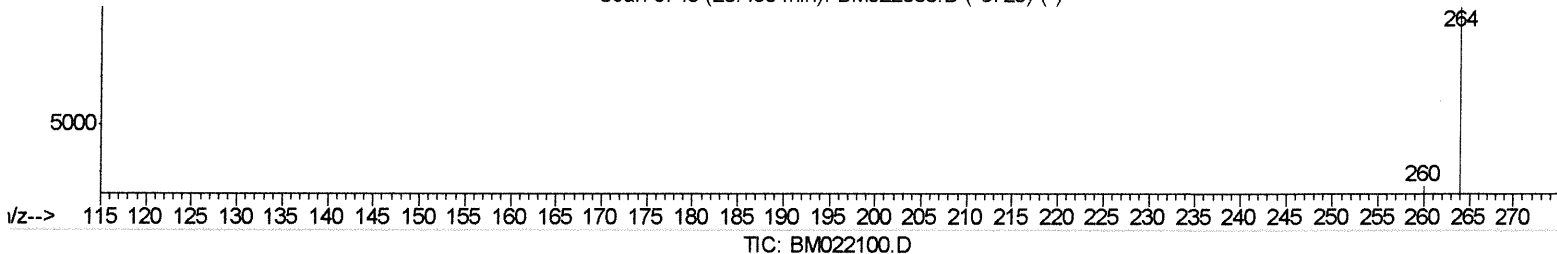
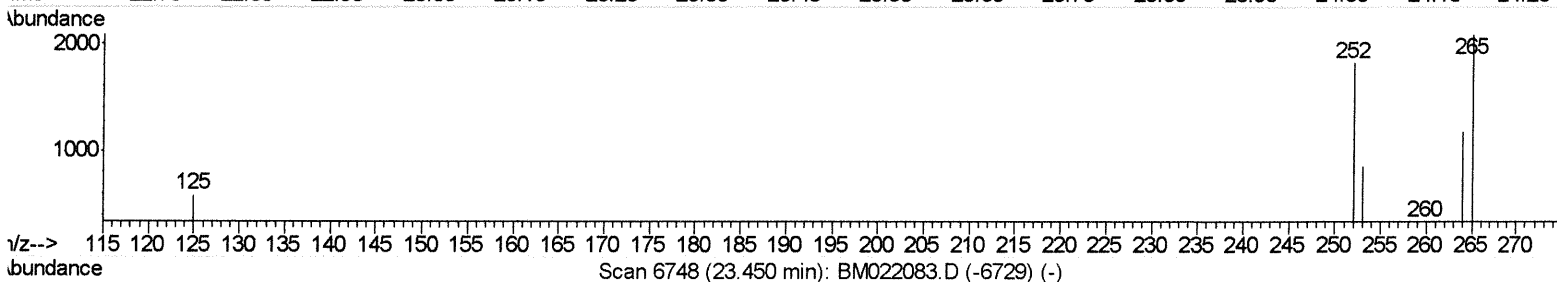
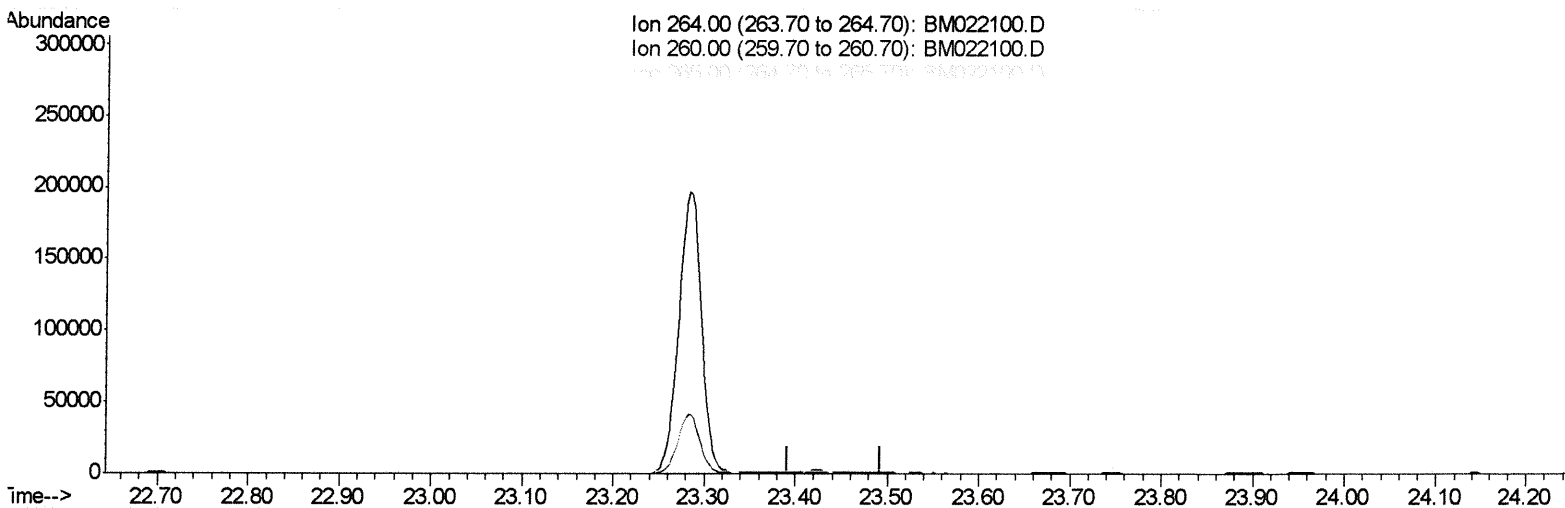
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:09:12 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 13:53:23 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.442min (-23.442) 0.00ng/ul

response 0

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

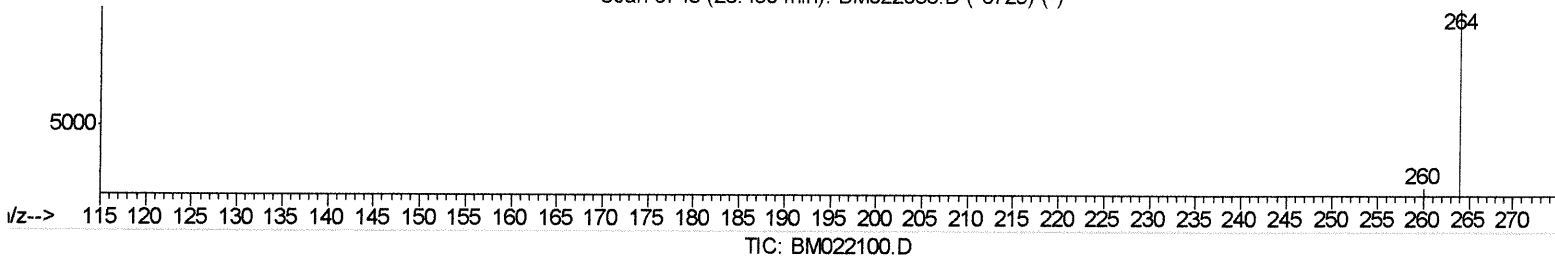
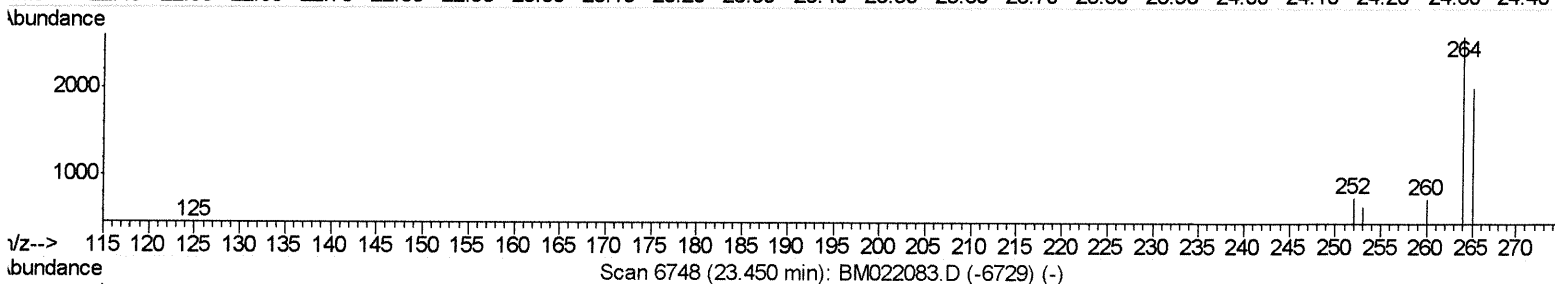
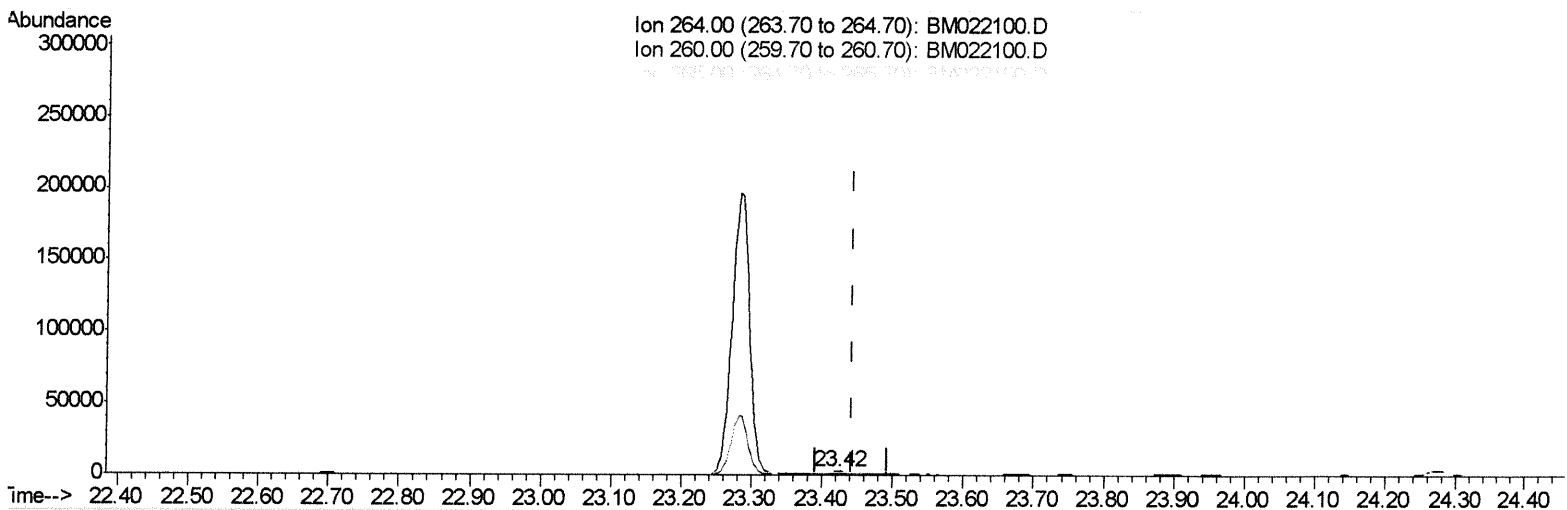
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:09:12 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 13:53:23 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.423min (-0.019) 0.40ng/ul m

JU
 08/14/19

response 3486

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	28.26
265.00	117.00	77.63#
0.00	0.00	0.00

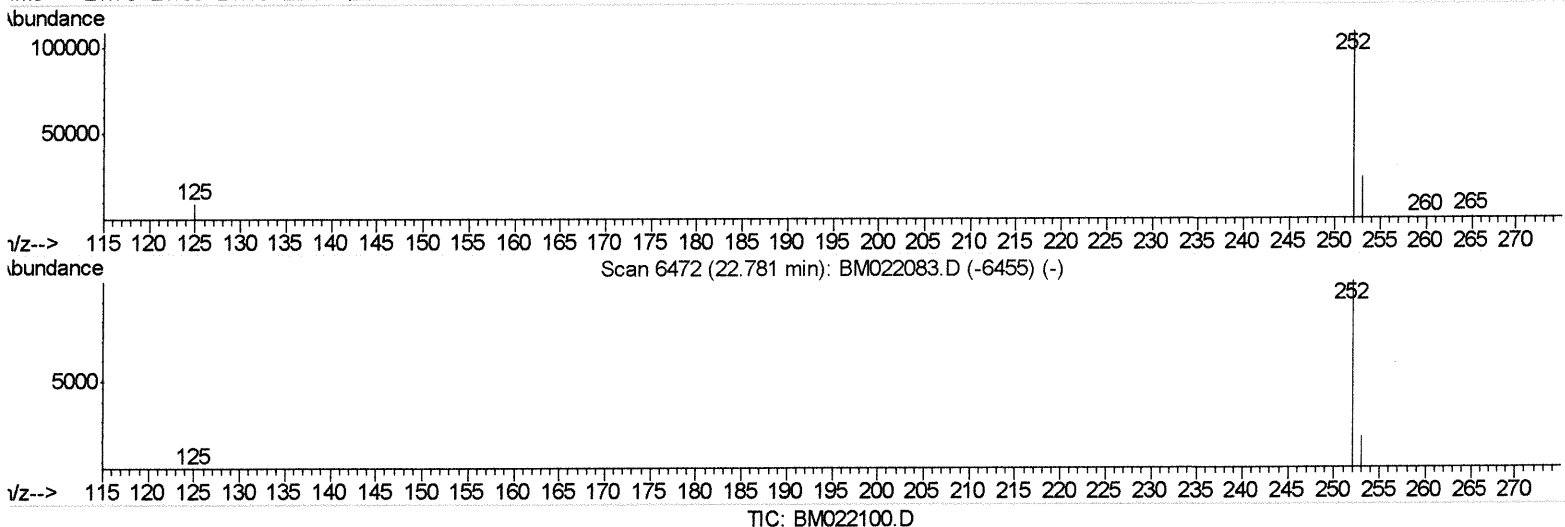
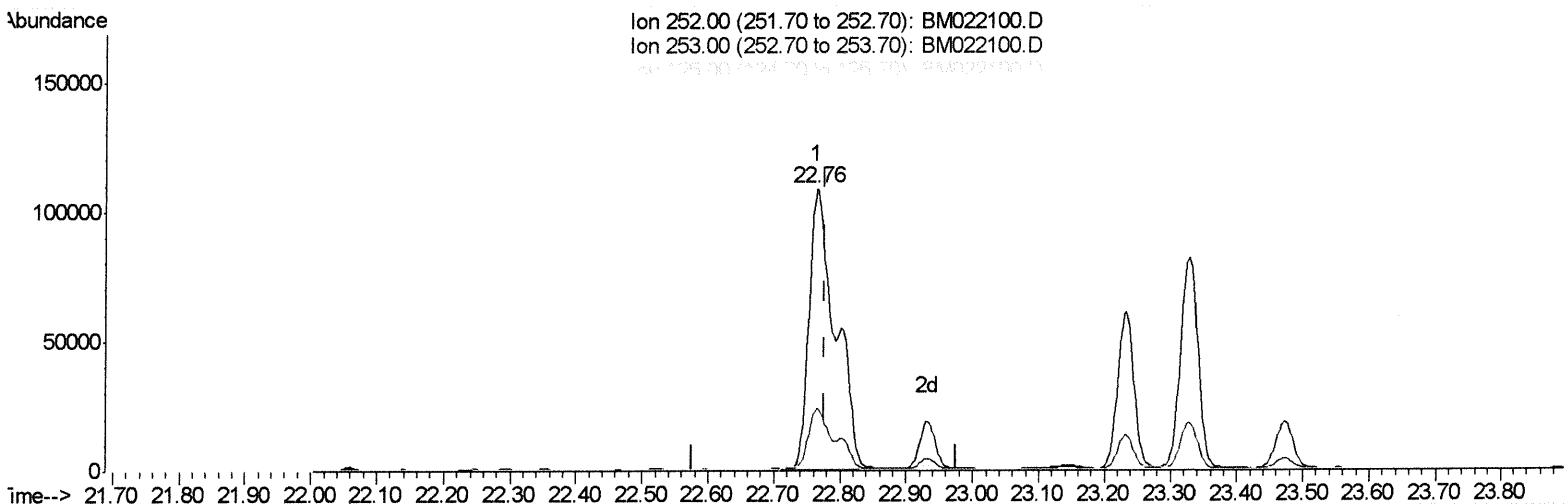
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:10:08 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 13:53:23 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.764min (-0.012) 25.90ng/ul

response 304519

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.28
125.00	15.50	8.21
0.00	0.00	0.00

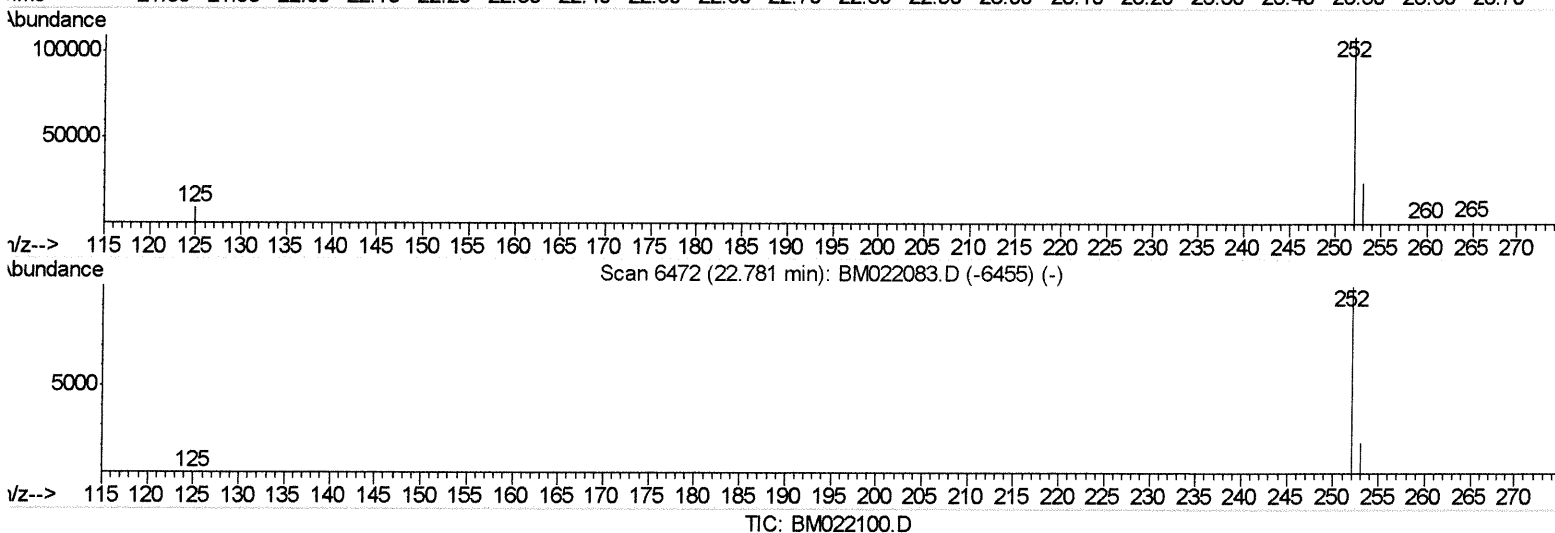
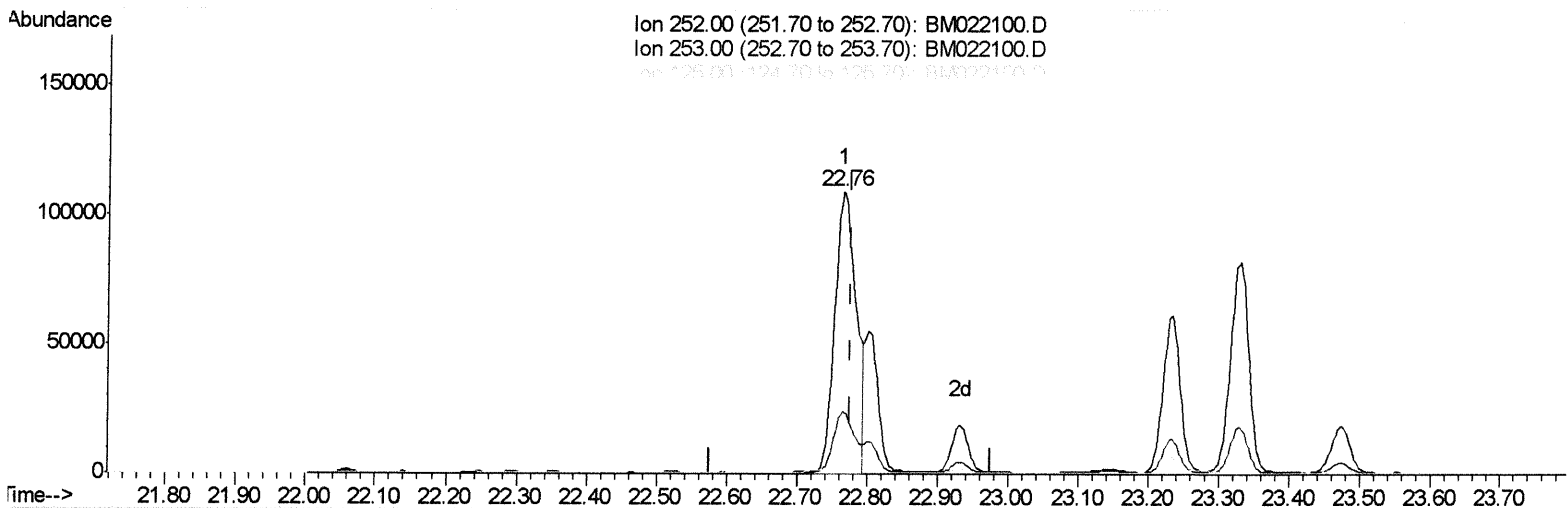
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:10:08 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 13:53:23 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.764min (-0.012) 19.67ng/ul m

JU
 08/14/19

response 231262

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.28
125.00	15.50	8.21
0.00	0.00	0.00

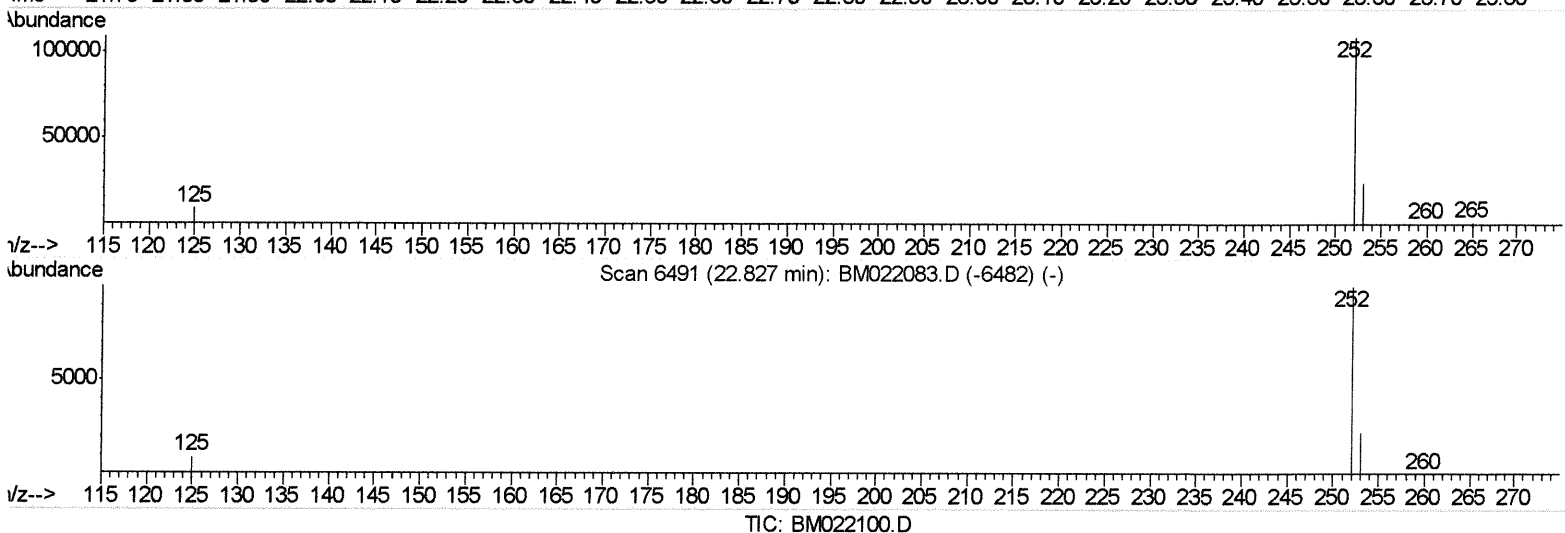
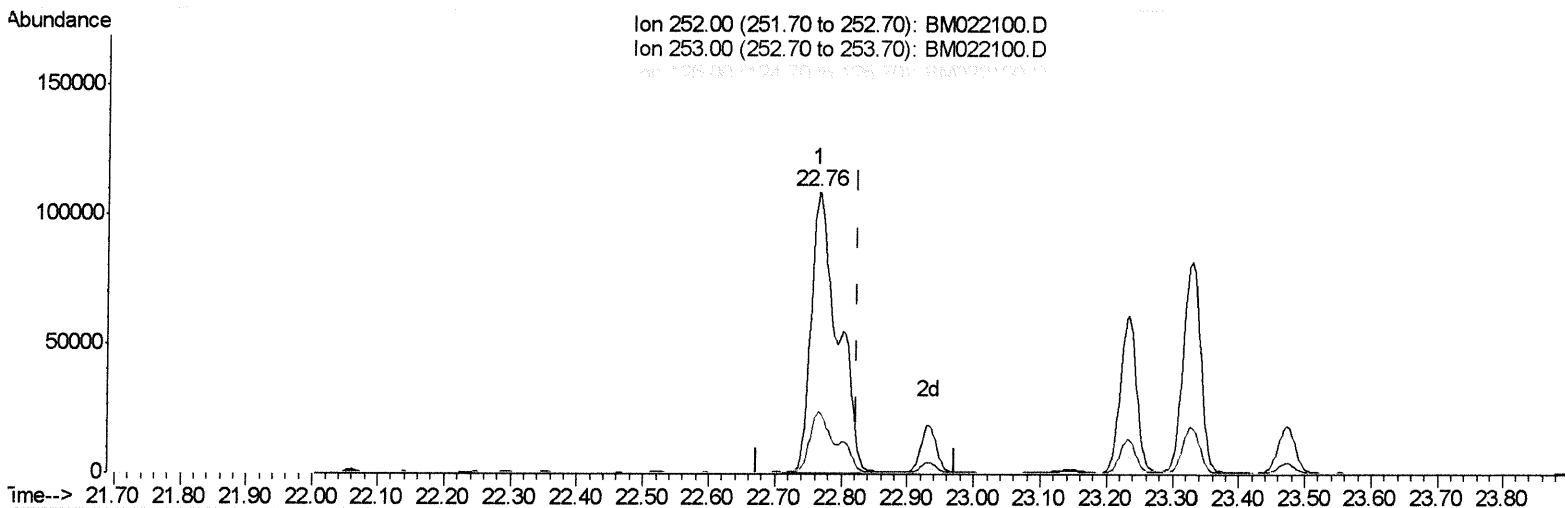
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:10:08 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 13:53:23 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.764min (-0.058) 22.89ng/ul

response 304519

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.28#
125.00	15.20	8.21#
0.00	0.00	0.00

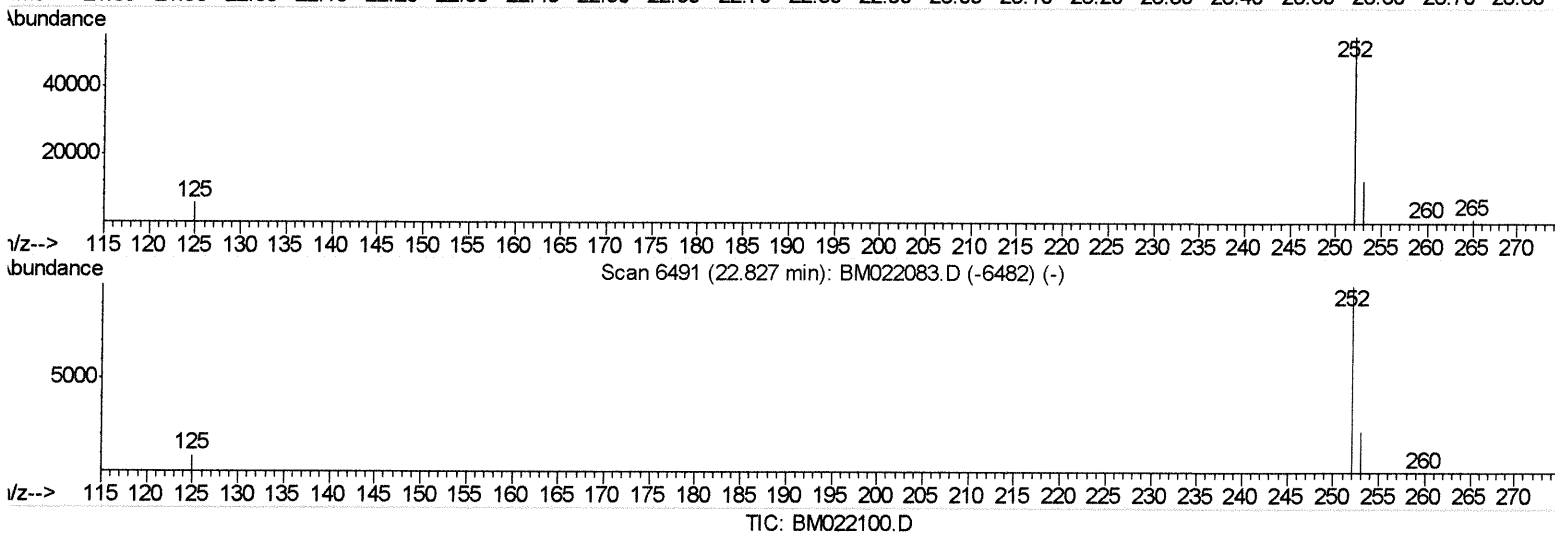
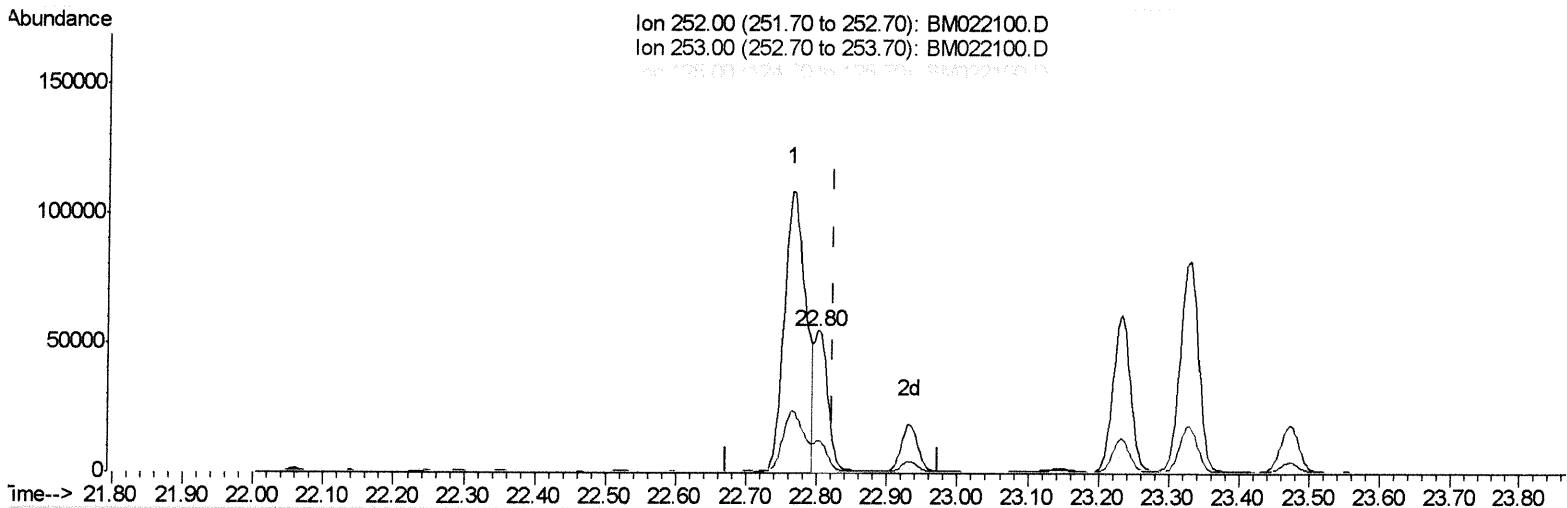
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:10:08 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 13:53:23 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.800min (-0.022) 5.74ng/ul m

JU
 08/14/19

response 76331

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.70#
125.00	15.20	10.46#
0.00	0.00	0.00

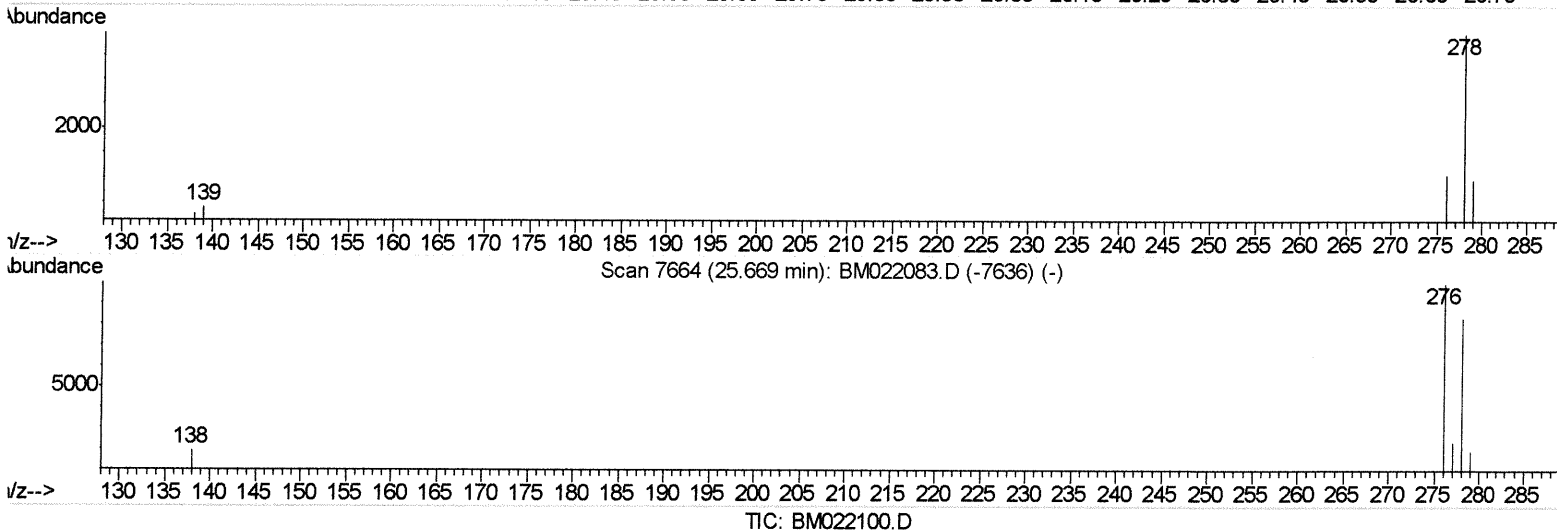
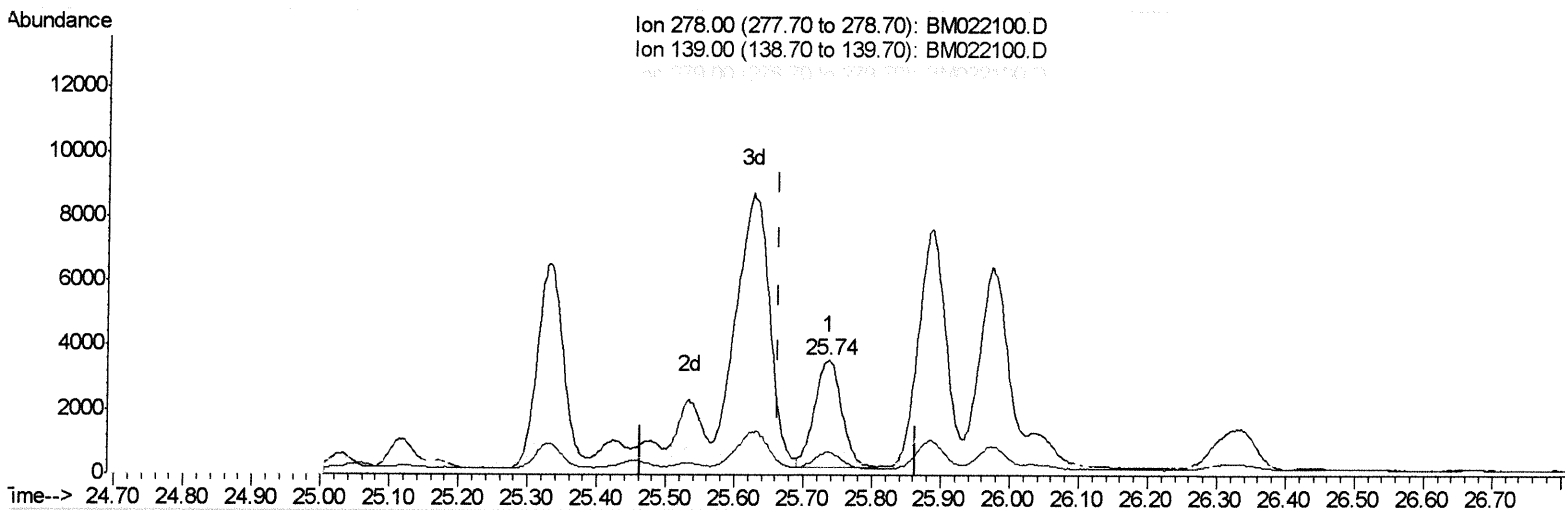
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:10:08 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 13:53:23 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.737min (+0.073) 0.79ng/ul

response 9089

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	19.93
279.00	35.40	32.95
0.00	0.00	0.00

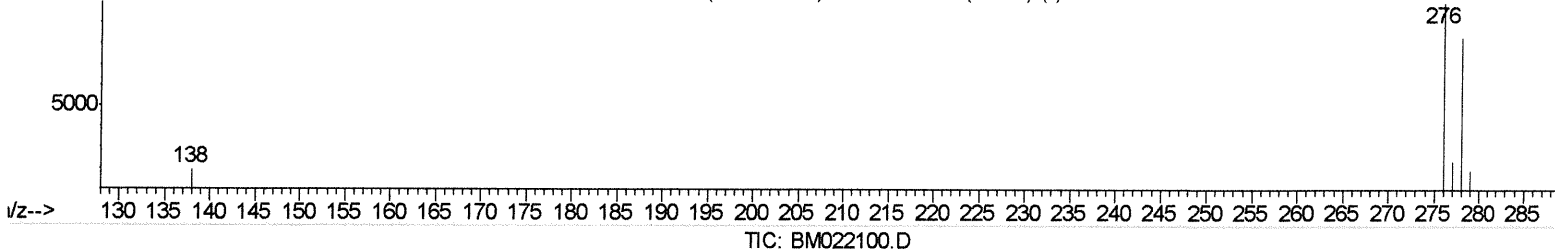
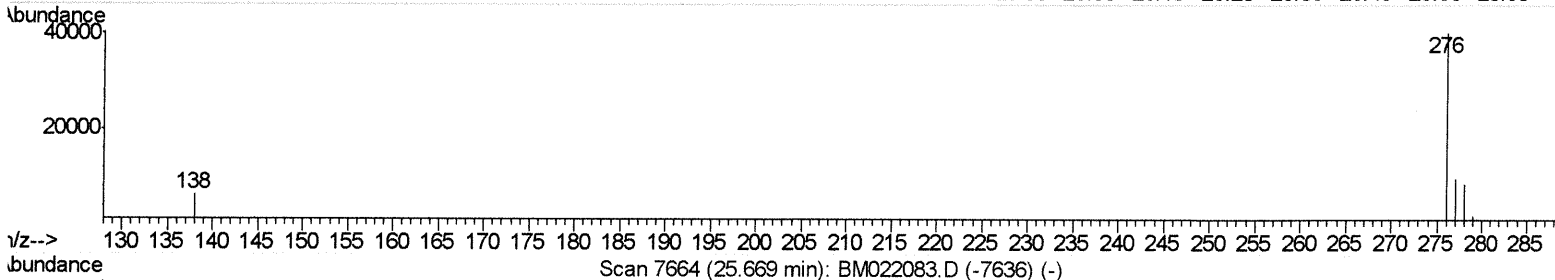
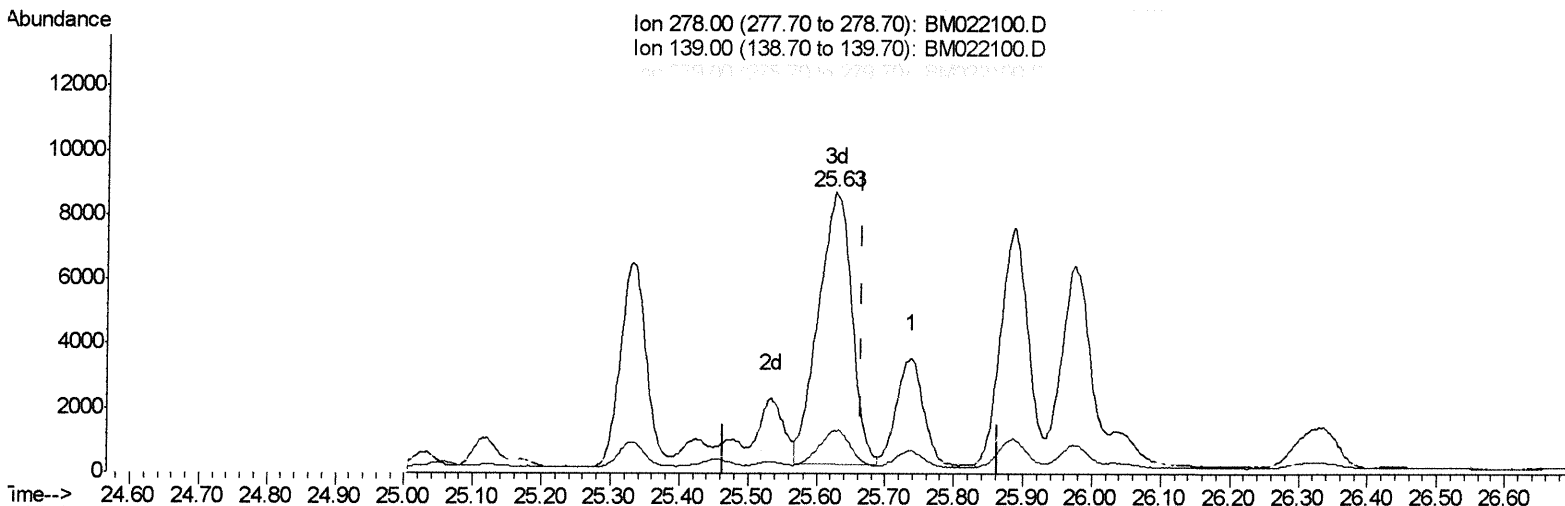
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:10:08 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 13:53:23 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.625min (-0.039) 2.48ng/ul m

JU
 08/14/19

response 28576

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	15.41
279.00	35.40	25.22#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022100.D
 Acq On : 14 Aug 2019 10:15
 Operator : HP/JU
 Sample : K4304-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N3

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:37 PM

Quant Time: Aug 14 14:11:44 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 : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	818	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	3378	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1746	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	3758m→	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3478m→	0.40	ng/ul	-0.01
20) Perylene-d12	23.42	264	3486m→	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2060	0.37	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	4516m→	0.36	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.43	128	12706	1.332	ng/ul#	92
5) 2-Methylnaphthalene	12.06	142	4590	0.722	ng/ul	96
7) Acenaphthylene	13.97	152	5793	0.711	ng/ul#	83
8) Acenaphthene	14.32	153	14692	2.205	ng/ul	97
9) Fluorene	15.31	166	13744	1.857	ng/ul	99
12) Phenanthrene	17.05	178	216480m→	19.798	ng/ul	97
13) Anthracene	17.14	178	47049m→	5.044	ng/ul	96
15) Fluoranthene	19.08	202	363968m→	24.848	ng/ul	97
17) Pyrene	19.45	202	301785	21.115	ng/ul	99
18) Benzo(a)anthracene	21.20	228	175927m→	14.141	ng/ul	97
19) Chrysene	21.25	228	163423	10.214	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	231262m→	19.673	ng/ul	97
22) Benzo(k)fluoranthene	22.80	252	76331m→	5.738	ng/ul	96
23) Benzo(a)pyrene	23.33	252	148892	12.455	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.63	276	103503	7.251	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	28576m→	2.477	ng/ul	97
26) Benzo(g,h,i)perylene	26.30	276	91164	7.094	ng/ul	95

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