

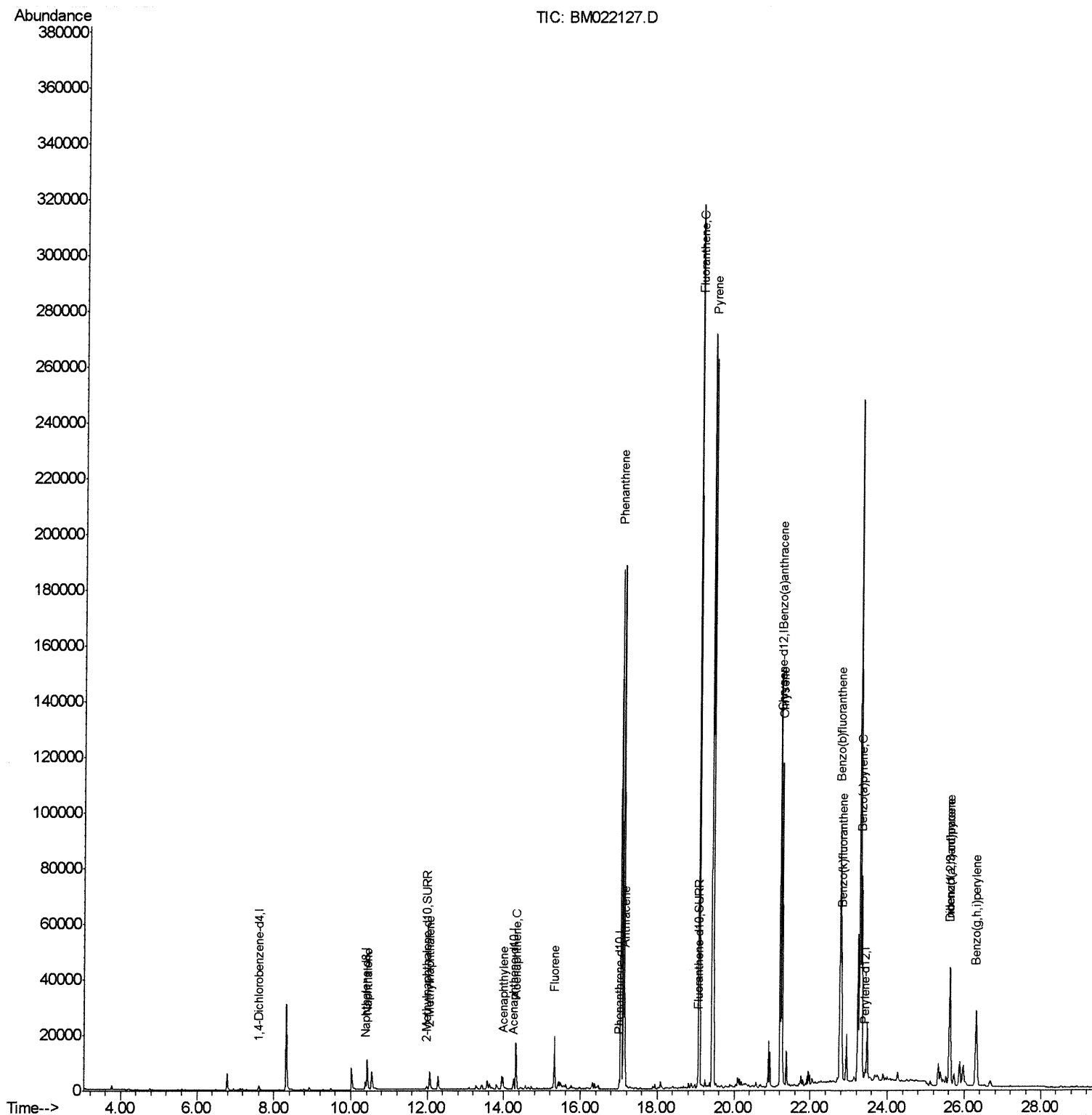
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:37:18 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



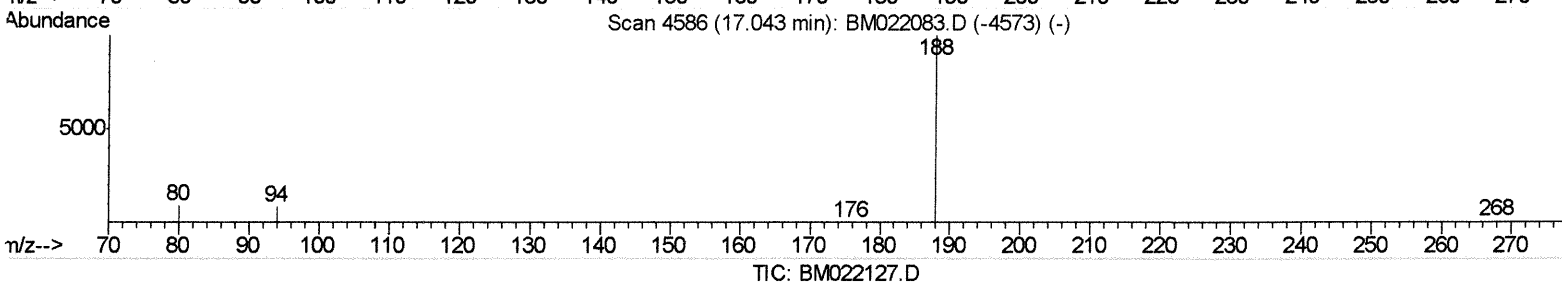
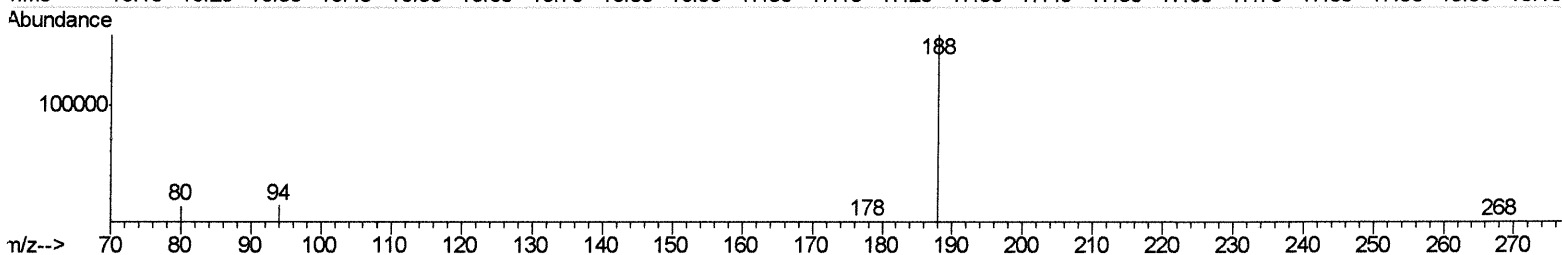
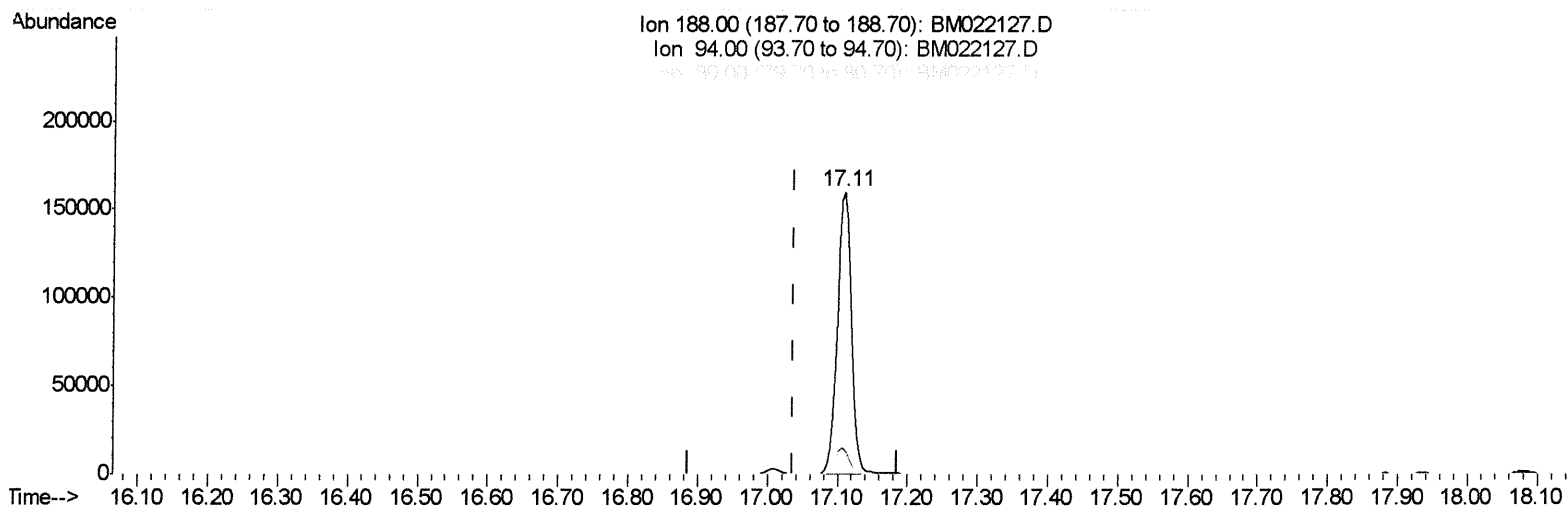
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:15 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)
 17.109min (+0.073) 0.40ng/ul
 response 222441

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.89
80.00	11.40	8.46#
0.00	0.00	0.00

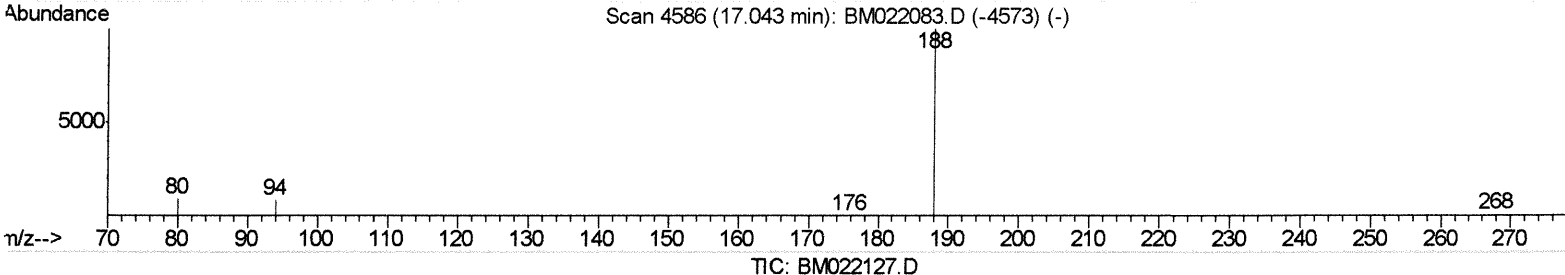
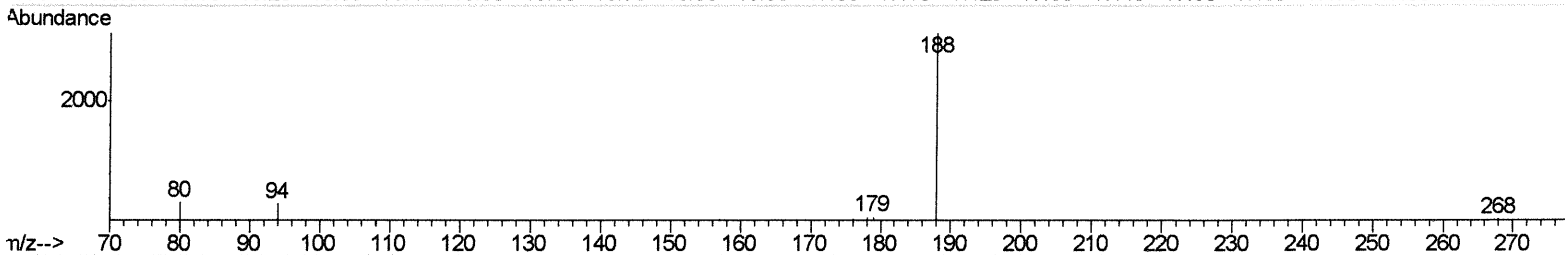
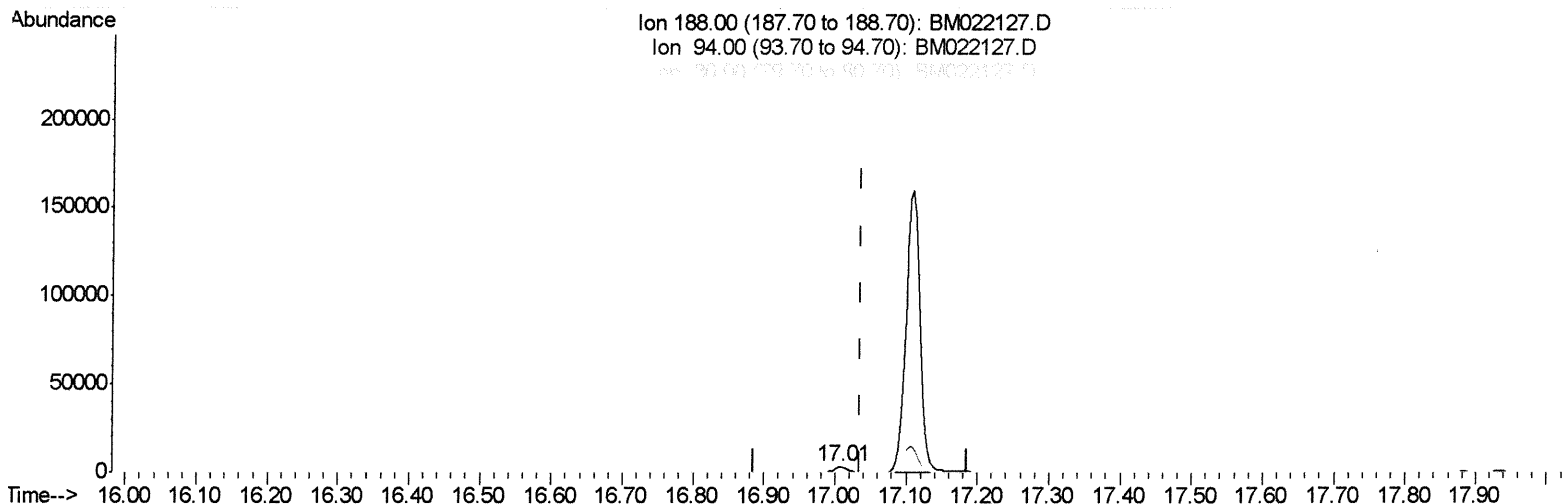
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:15 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)

17.008min (-0.028) 0.40ng/ul m

JU
 08/15/19

response 4247

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.19
80.00	11.40	10.80
0.00	0.00	0.00

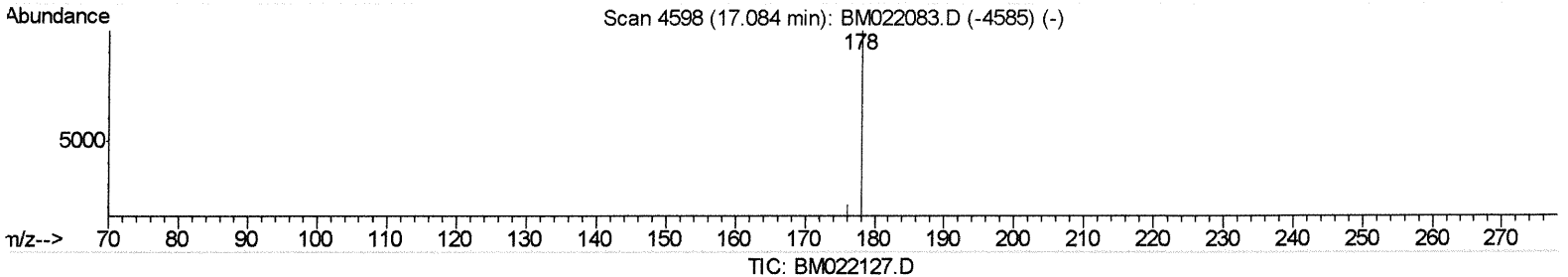
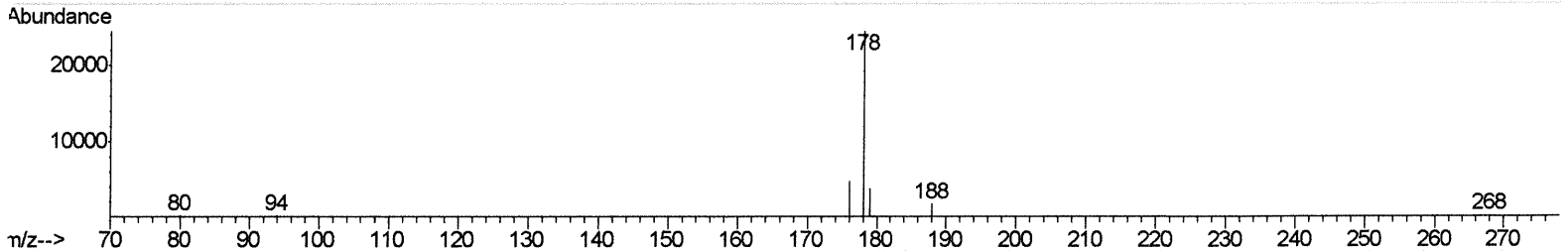
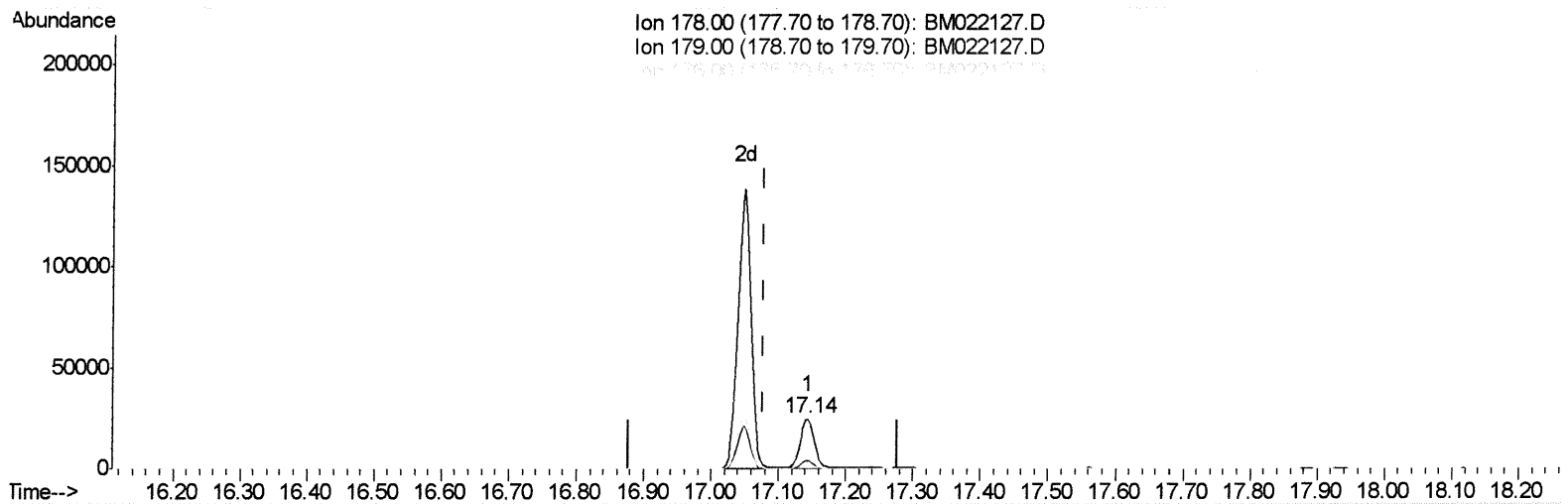
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:42 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) 2.93ng/ul

response 36260

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.58
176.00	21.00	19.32
0.00	0.00	0.00

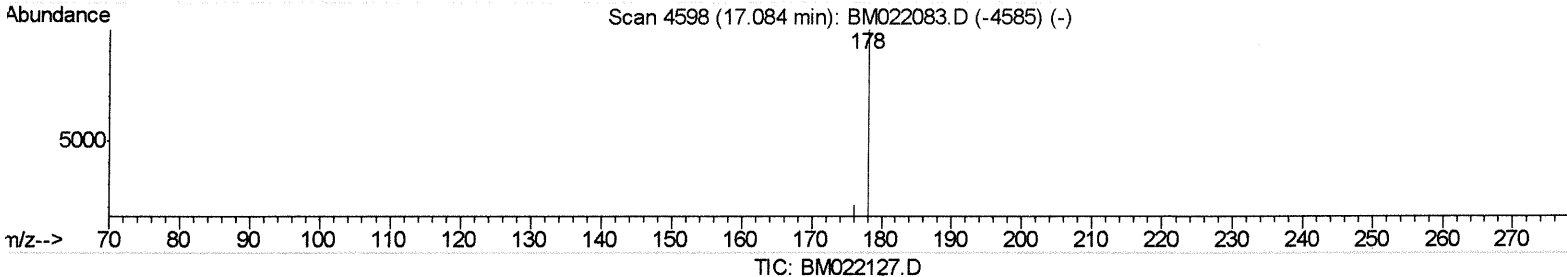
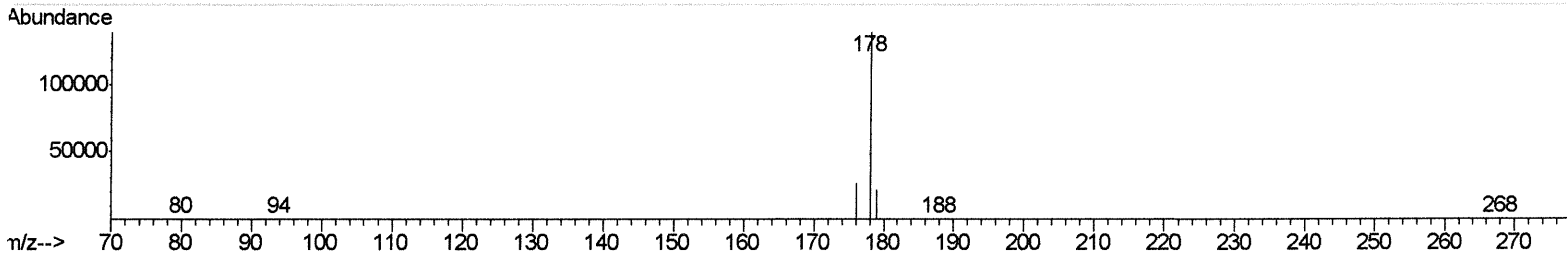
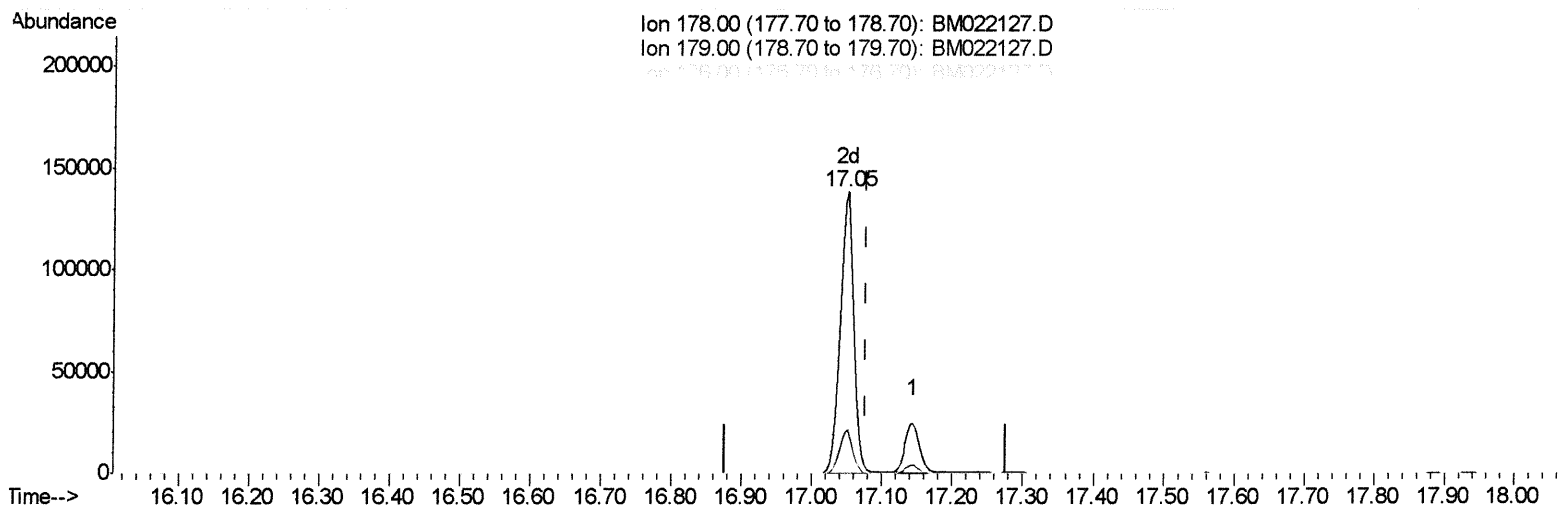
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:42 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



TIC: BM022127.D

(12) Phenanthrene

17.050min (-0.028) 15.37ng/ul m

JU 8/15/19

response 189908

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.50
176.00	21.00	19.48
0.00	0.00	0.00

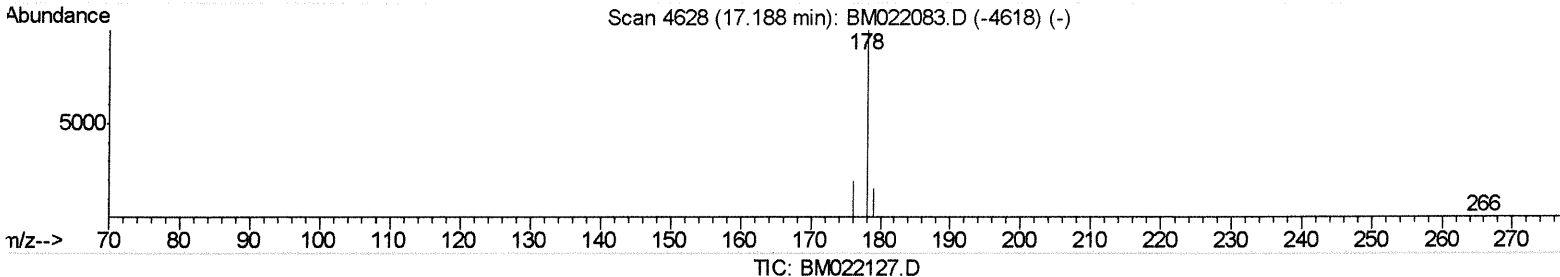
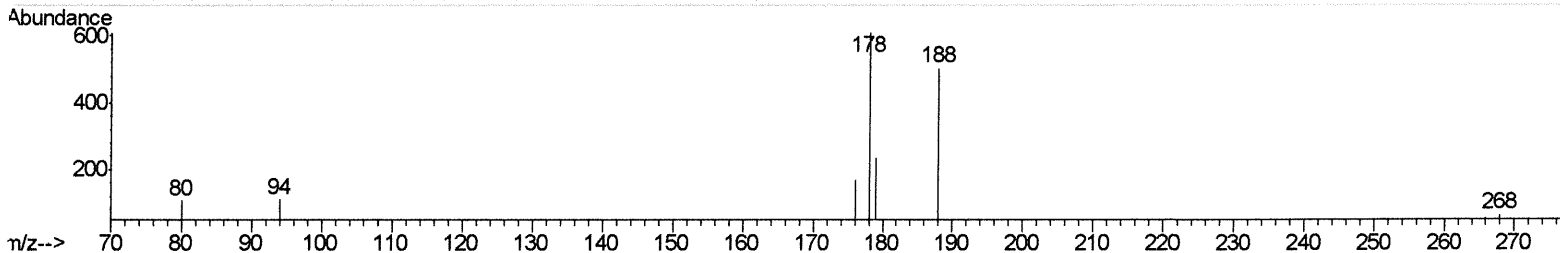
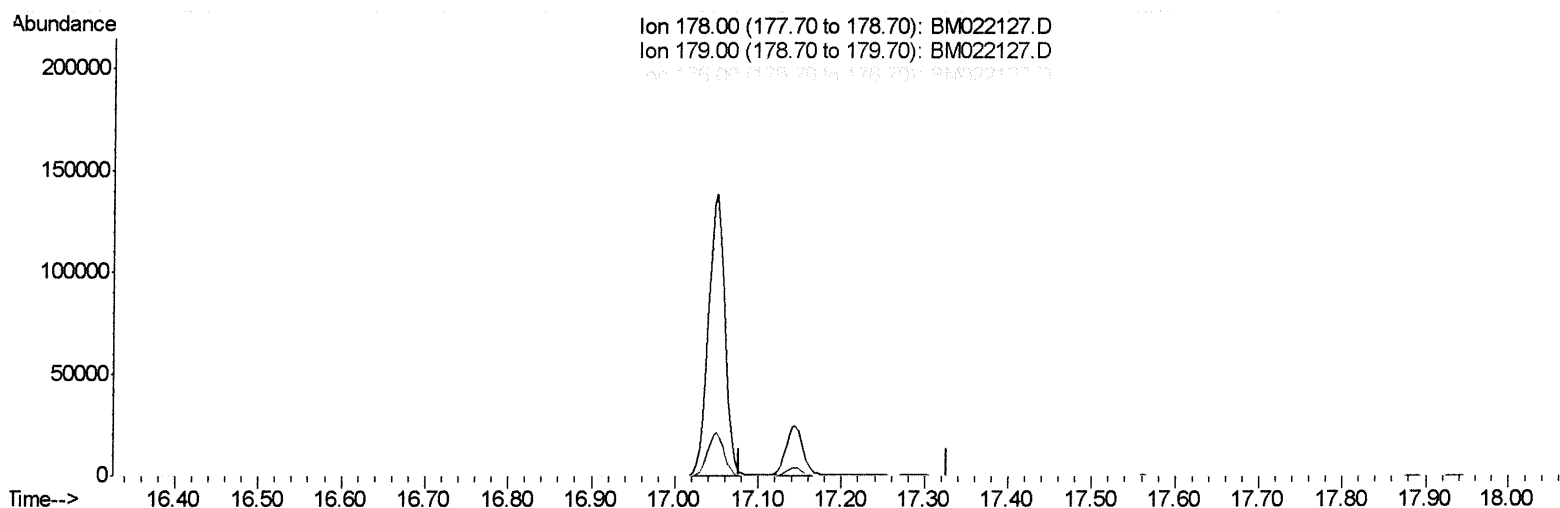
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:42 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

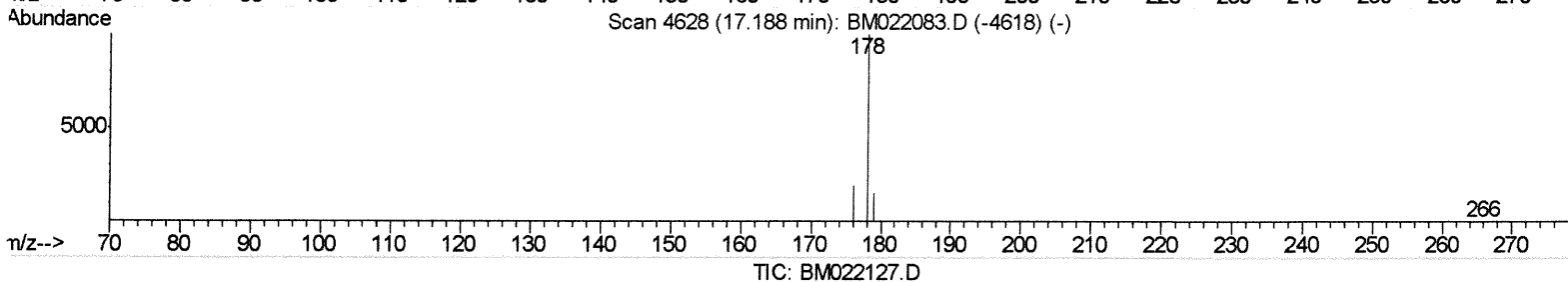
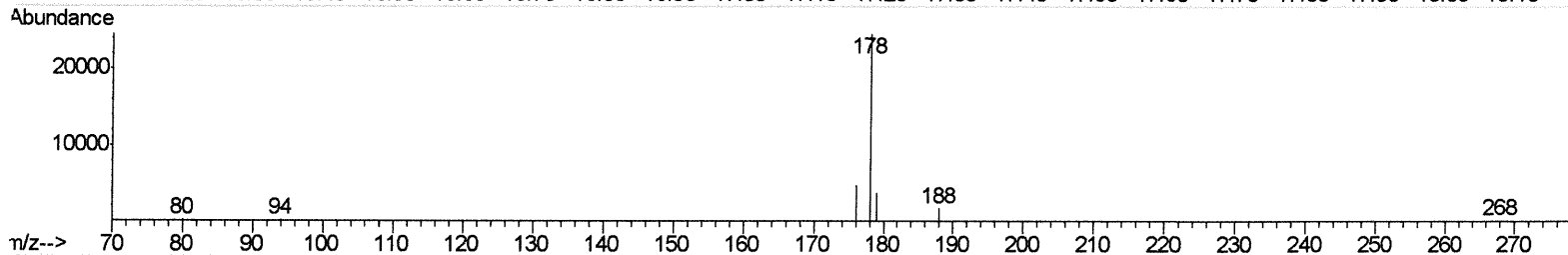
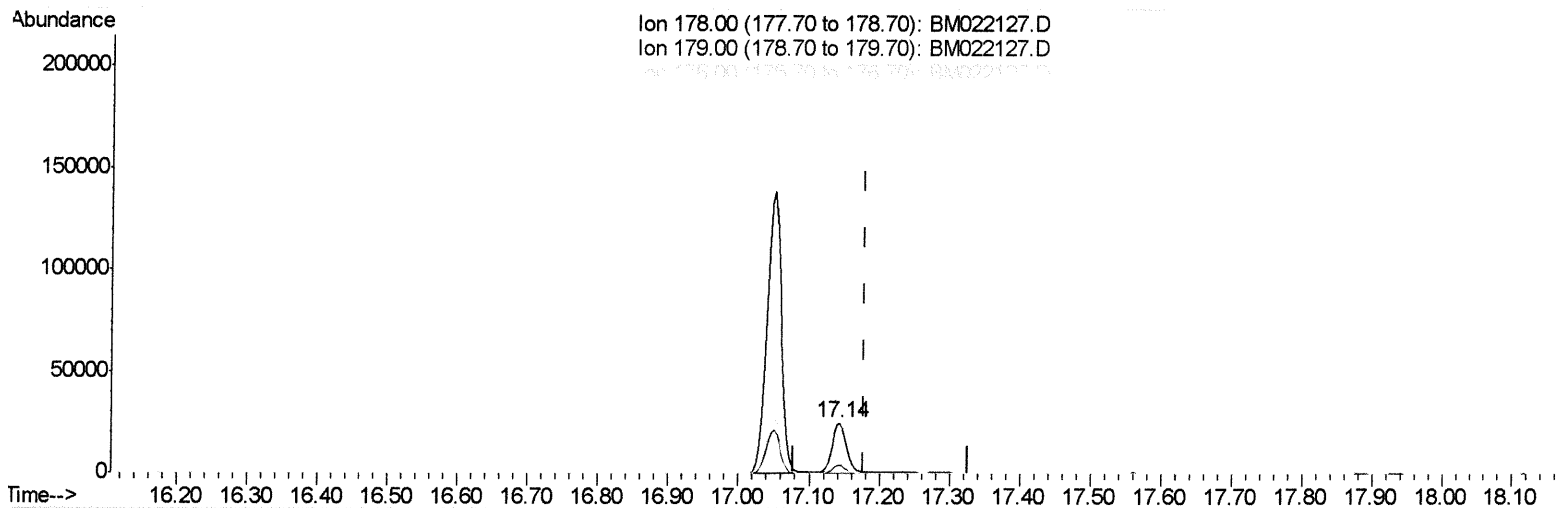
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:42 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) 3.44ng/ul m

JU 08/15/19

response 36264

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	15.58
176.00	20.80	19.32
0.00	0.00	0.00

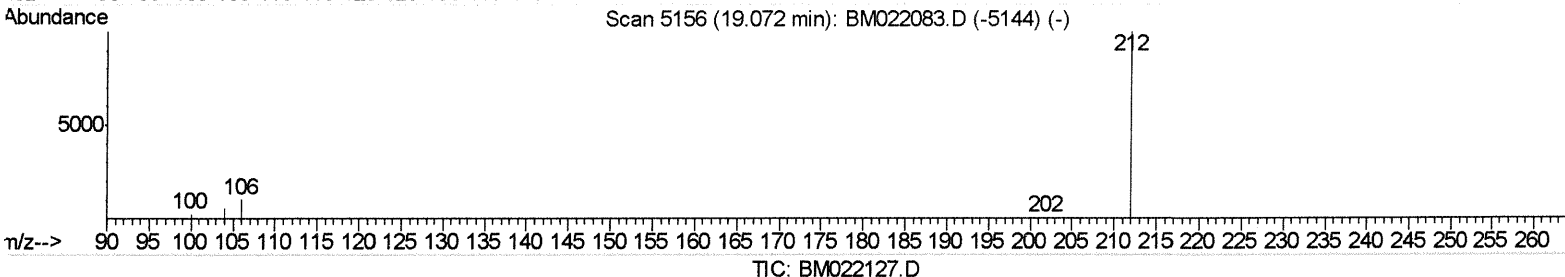
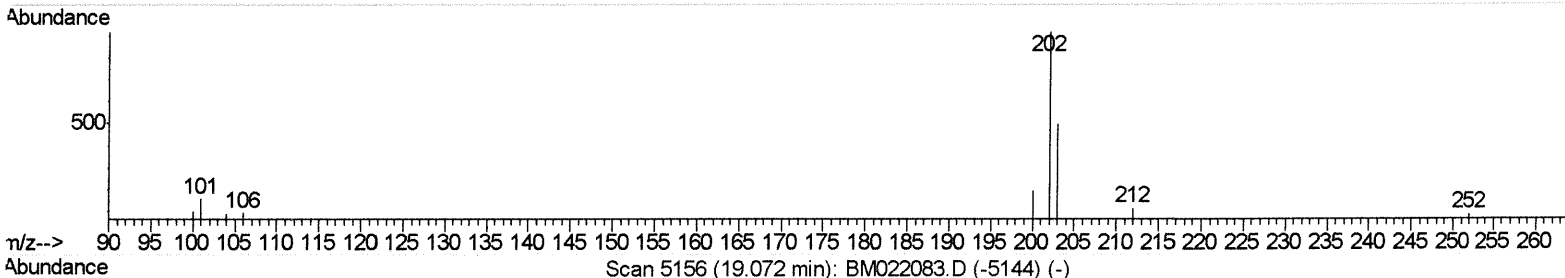
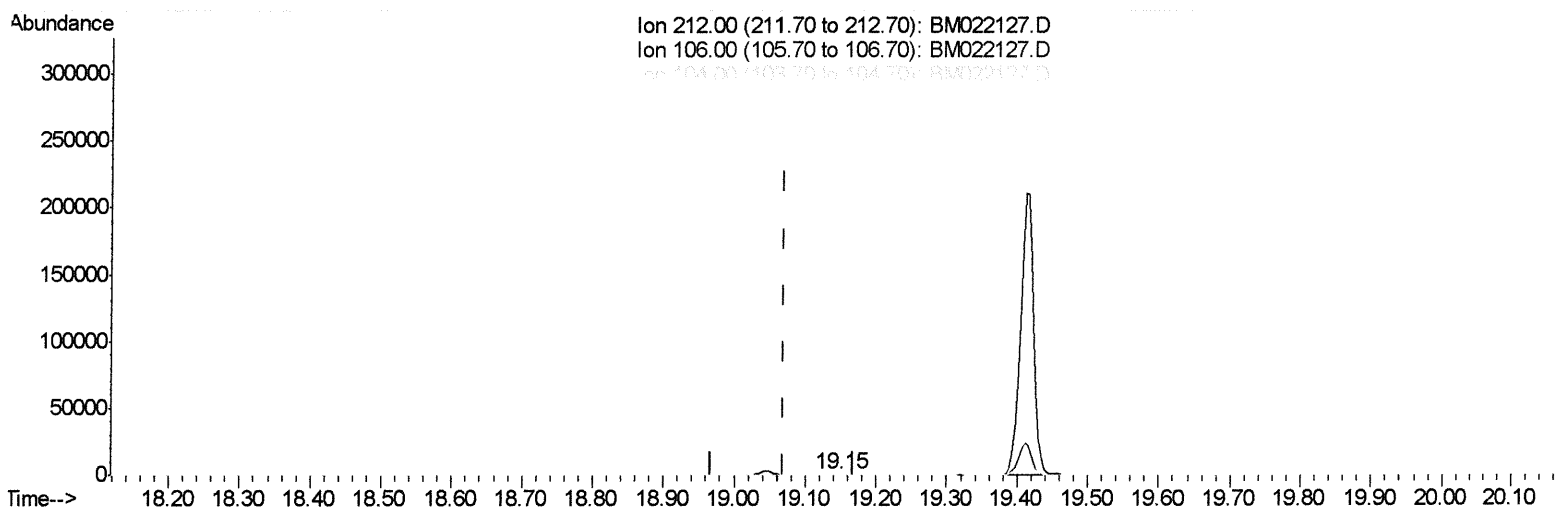
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:42 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



TIC: BM022127.D

(14) Fluoranthene-d10 (SURR)

19.148min (+0.080) 0.01ng/ul

response 88

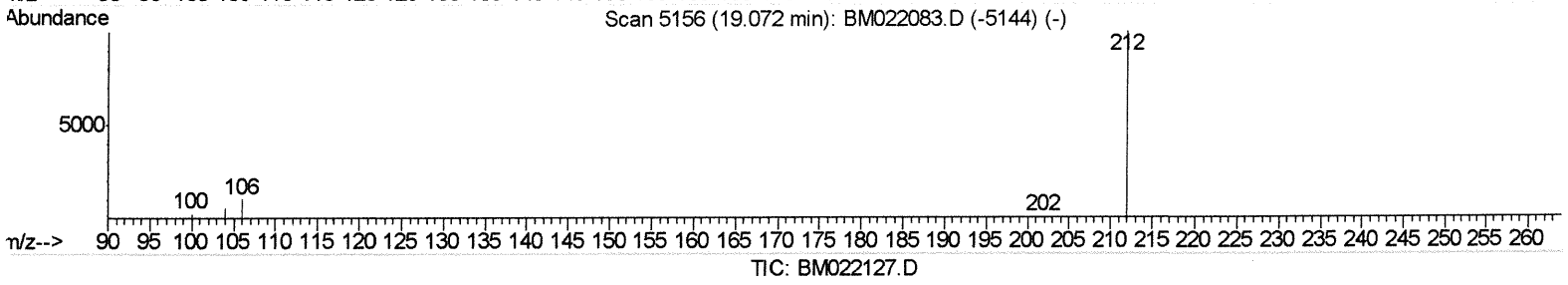
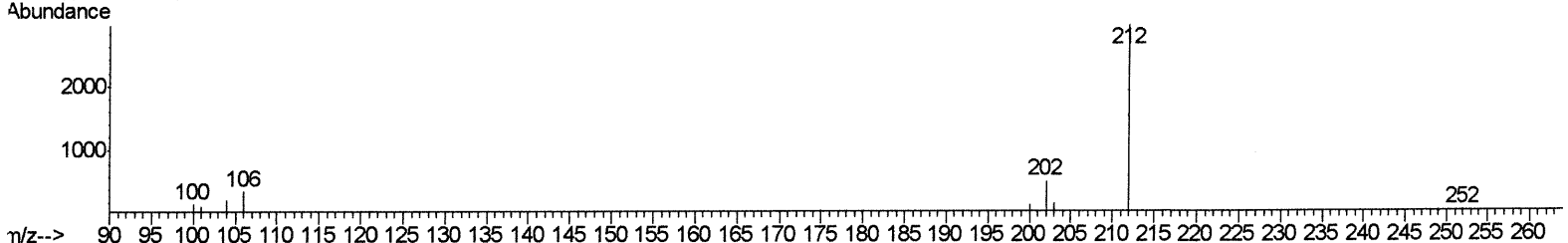
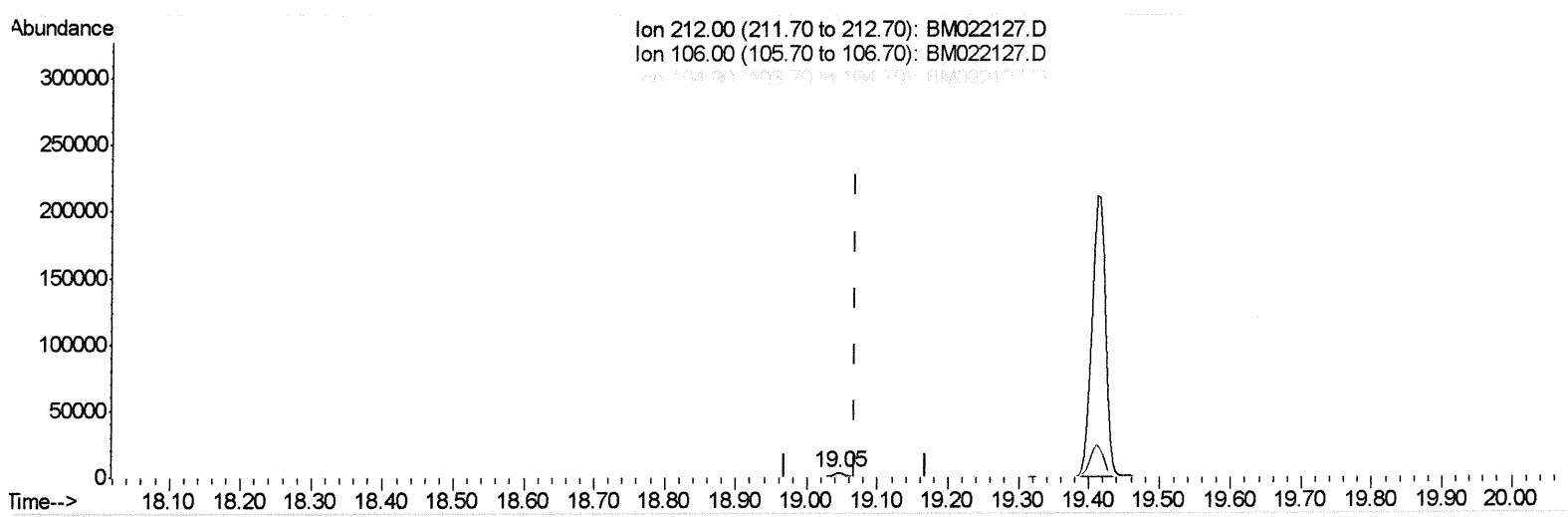
Ion	Exp%	Act%
212.00	100	100
106.00	9.90	14.77#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022127.D
Acq On : 15 Aug 2019 03:59
Operator : HP/JU
Sample : K4304-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB5P0

Manual Integrations
APPROVED
mohammad
8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:42 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)
19.045min (-0.023) 0.27ng/ul m *JU 08/15/19*
response 3919

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.33#
104.00	6.00	0.00#
0.00	0.00	0.00

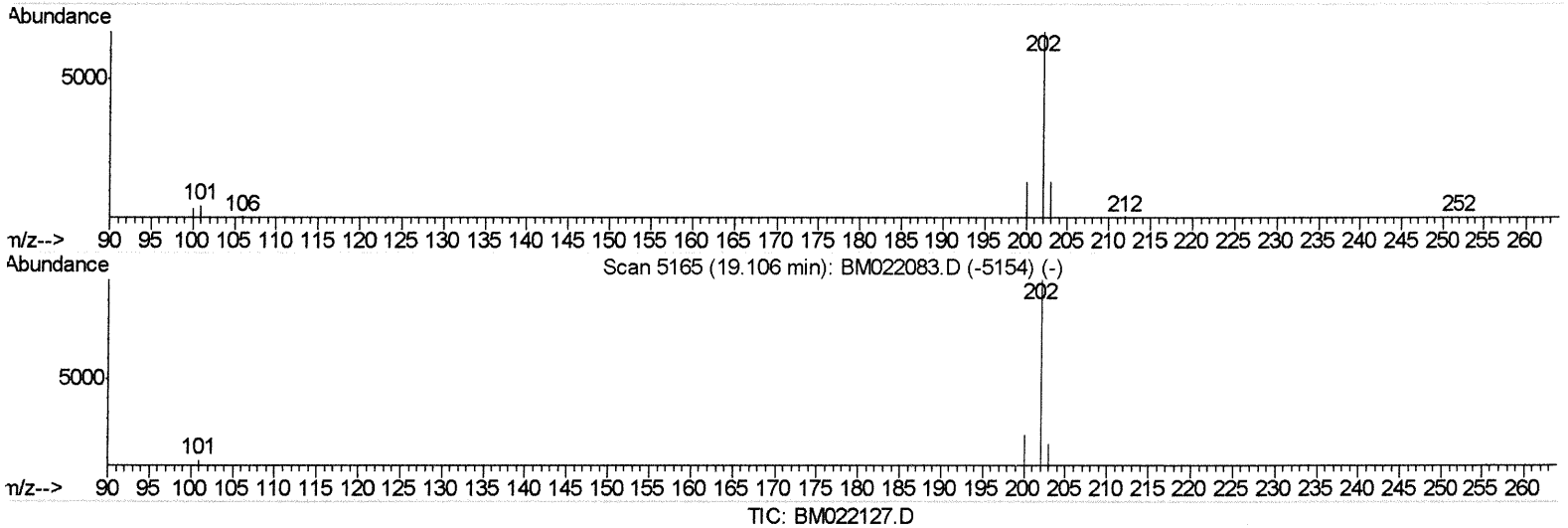
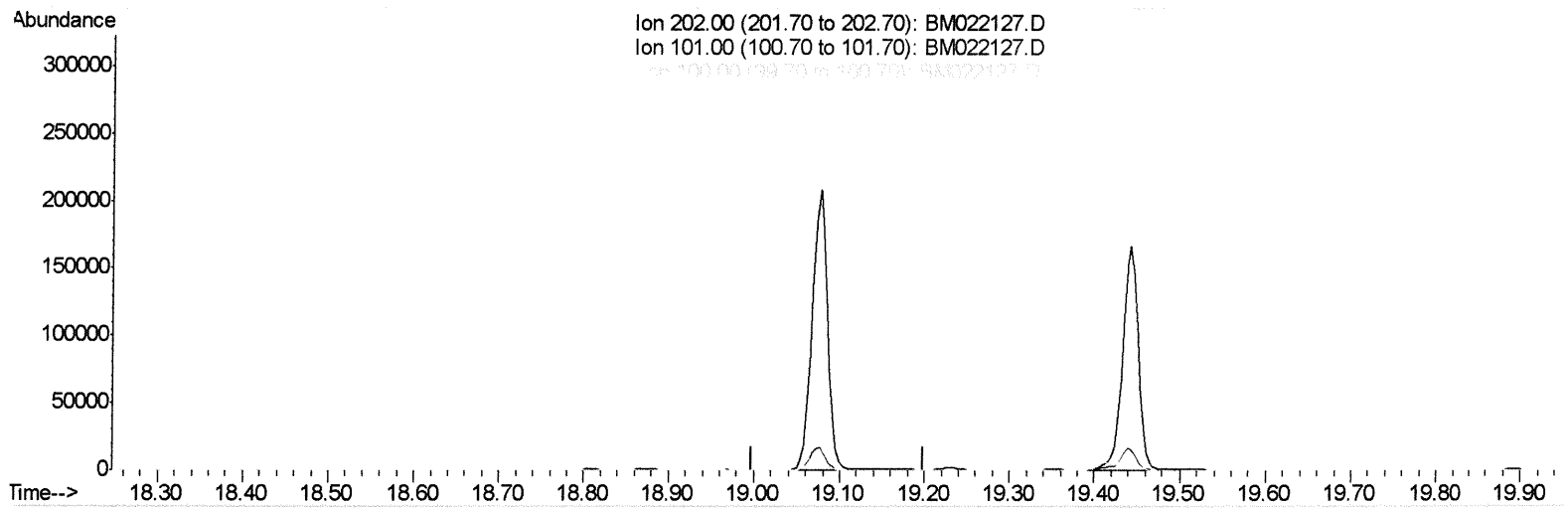
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:42 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/ul

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

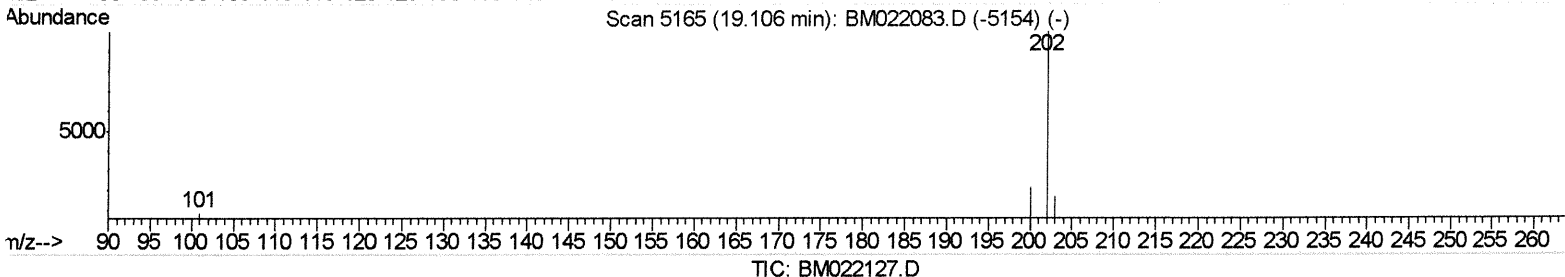
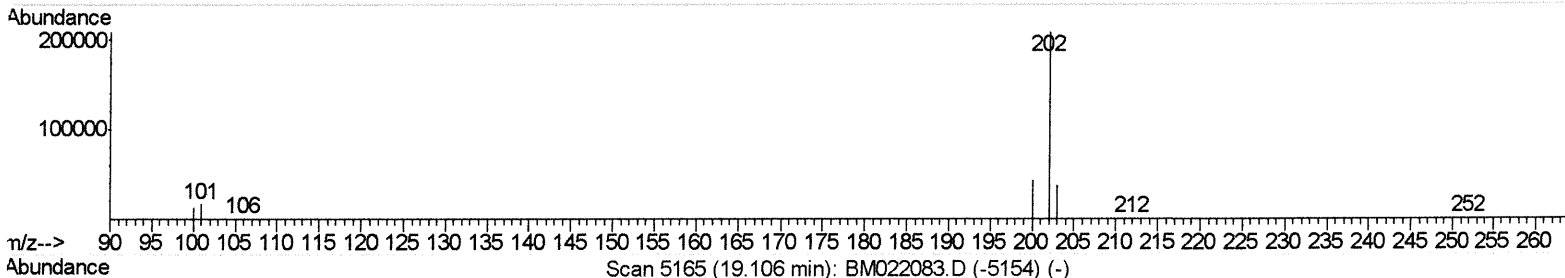
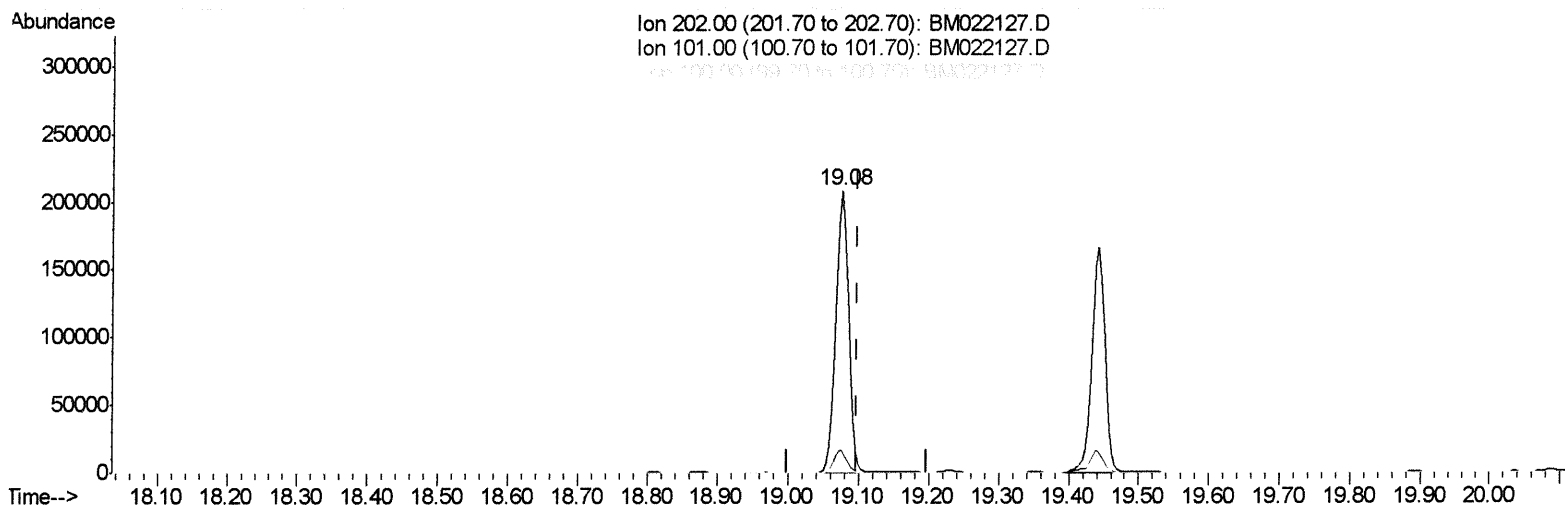
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:42 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)

19.076min (-0.023) 15.62ng/ul m *JU 08/15/19*

response 258523

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.04
100.00	8.10	6.24
0.00	0.00	0.00

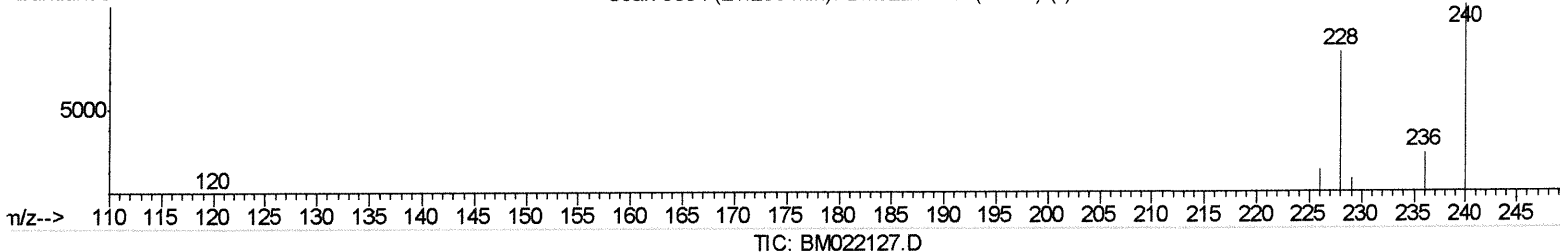
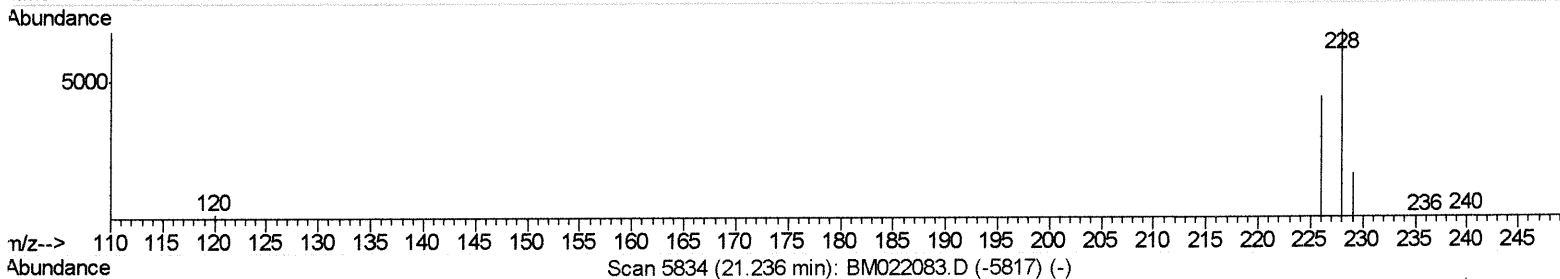
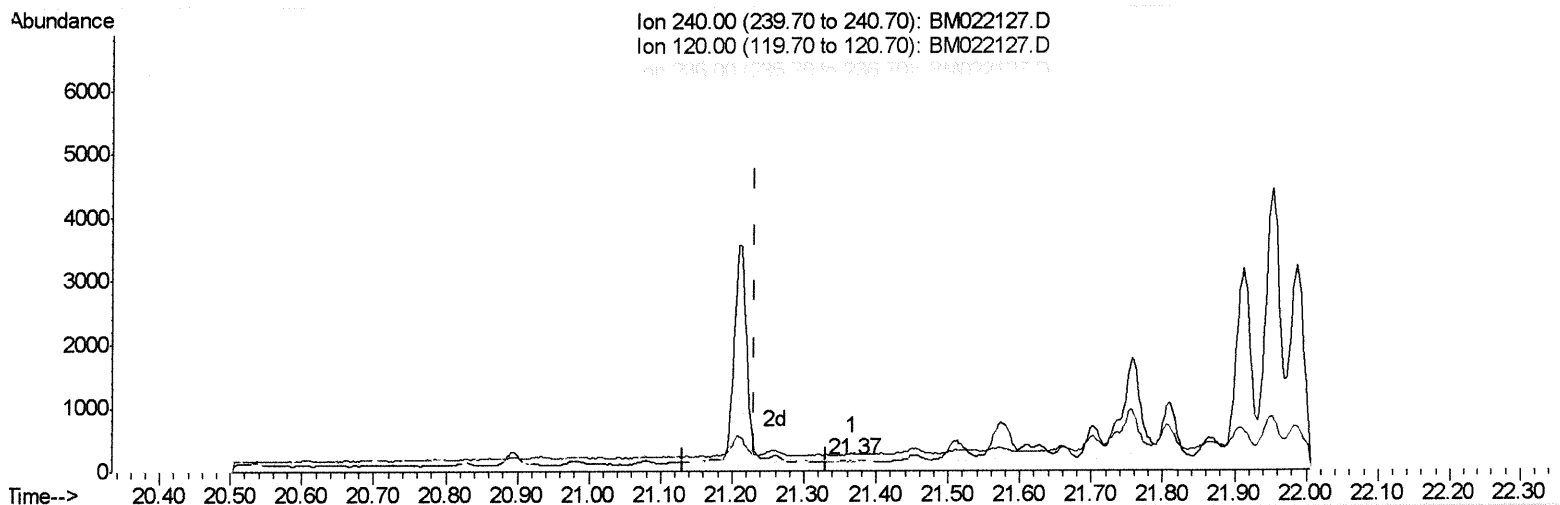
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:42 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)

21.367min (+0.136) 0.40ng/ul

response 42

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	162.35#
236.00	32.30	91.18#
0.00	0.00	0.00

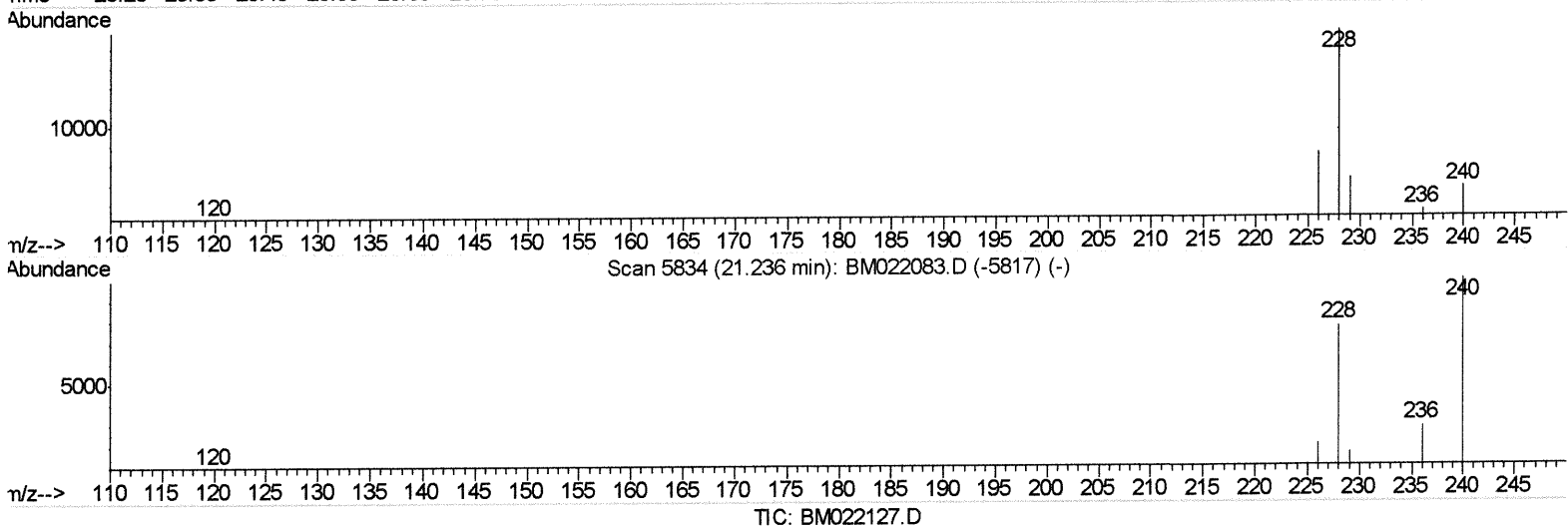
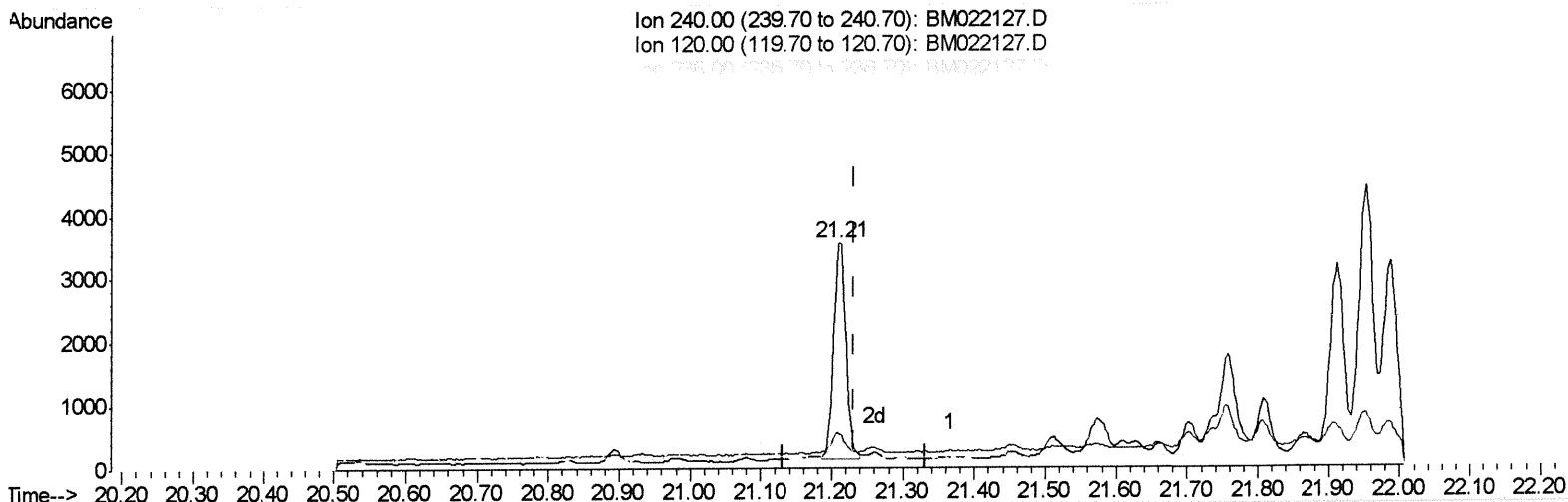
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:31:42 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)

21.210min (-0.022) 0.40ng/ul m

JU
 08/15/19

response 4157

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.46
236.00	32.30	32.15
0.00	0.00	0.00

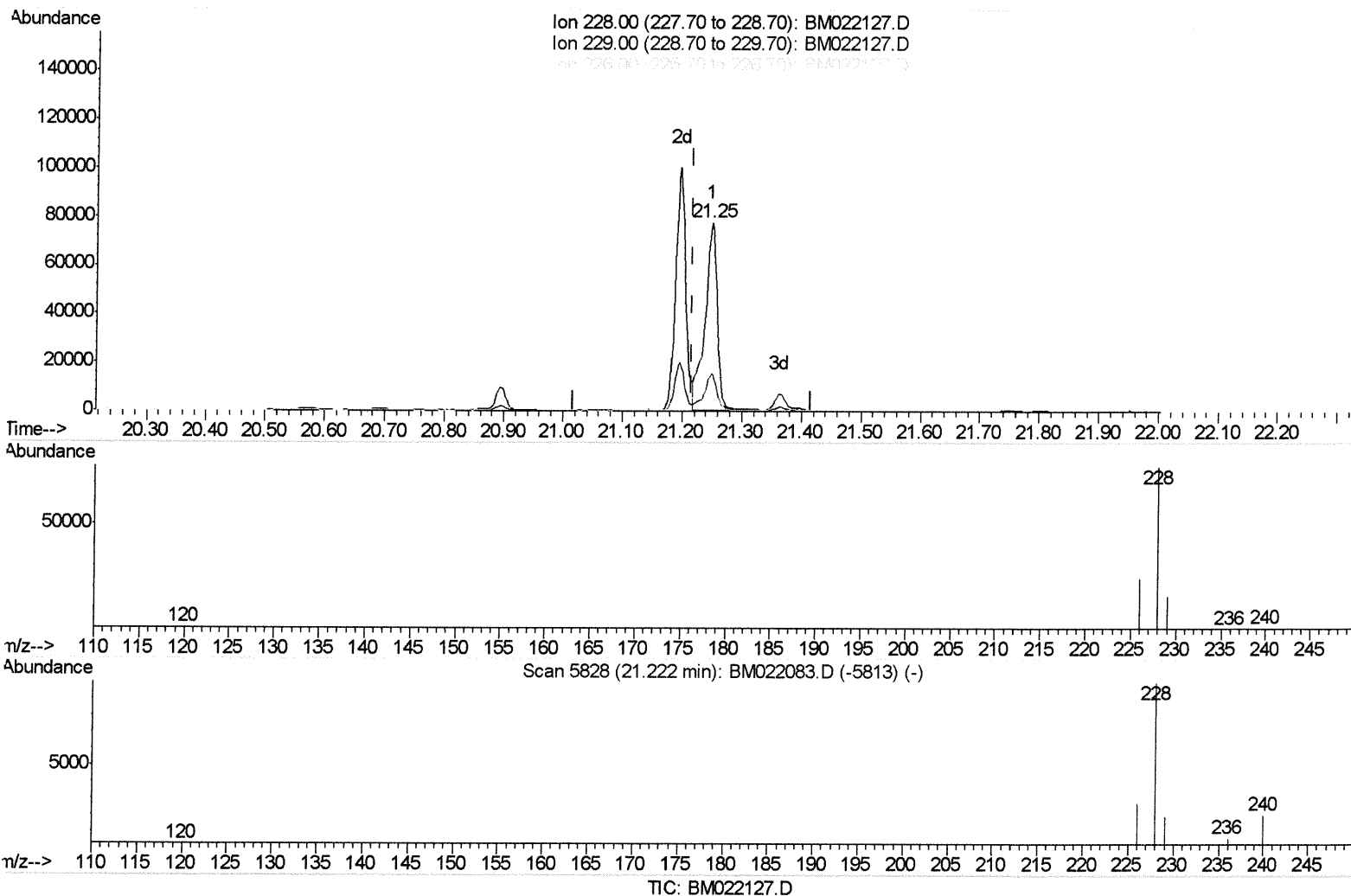
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:33:36 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



(18) Benzo(a)anthracene
 21.248min (+0.031) 7.62ng/ul
 response 113347

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.07
226.00	28.30	30.96
0.00	0.00	0.00

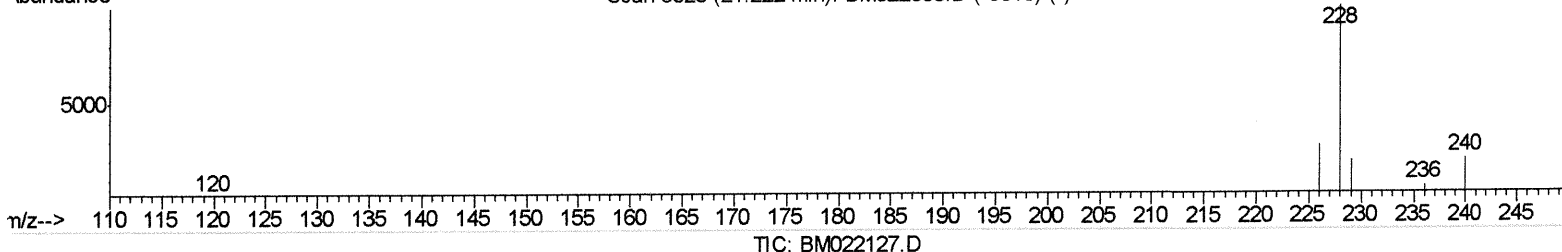
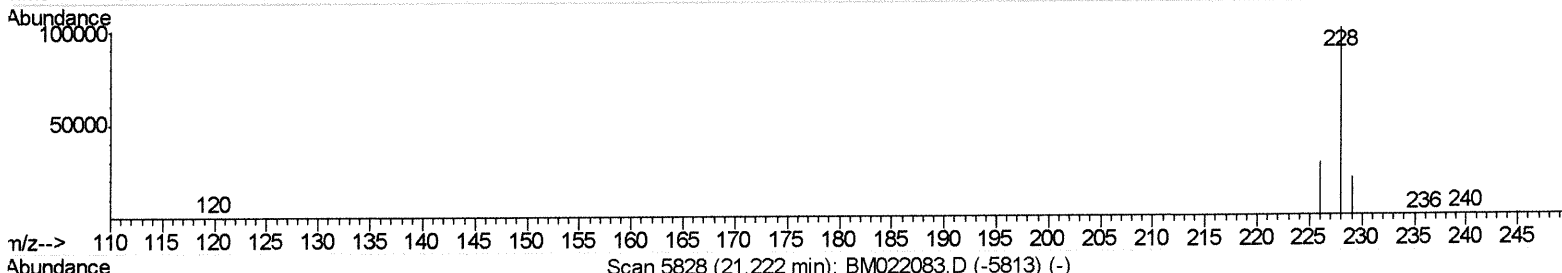
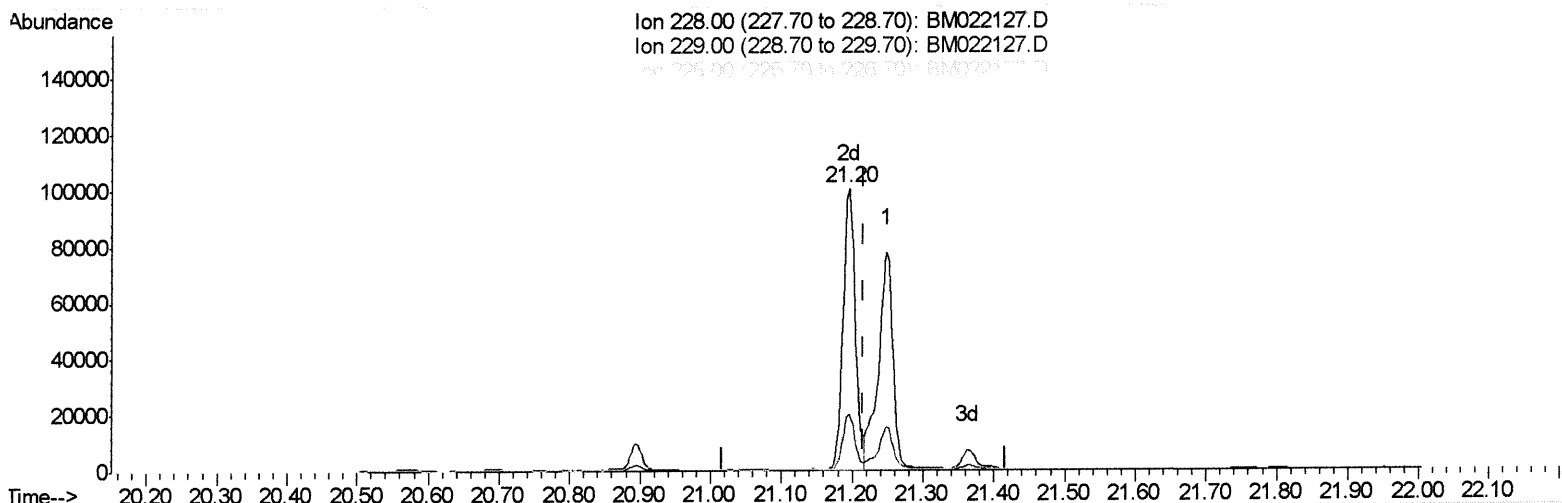
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:33:36 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



(18) Benzo(a)anthracene

21.195min (-0.022) 7.99ng/ul m

JU
 08/15/19

response 118758

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	19.93
226.00	28.30	28.22
0.00	0.00	0.00

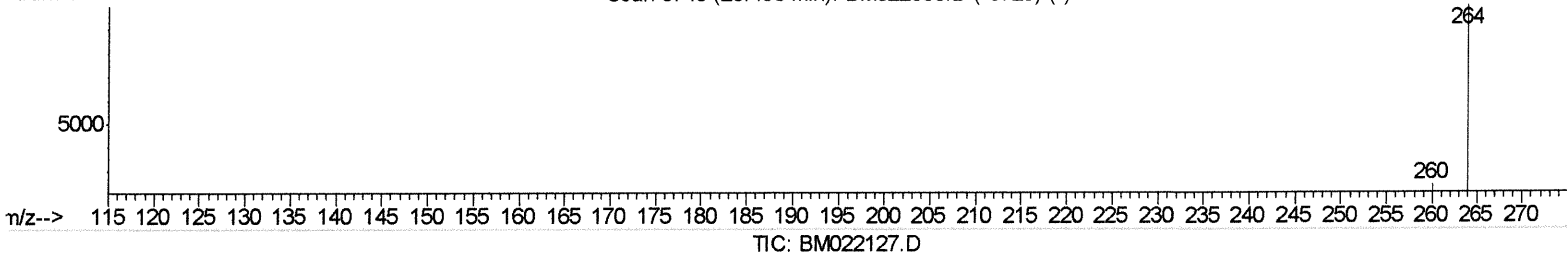
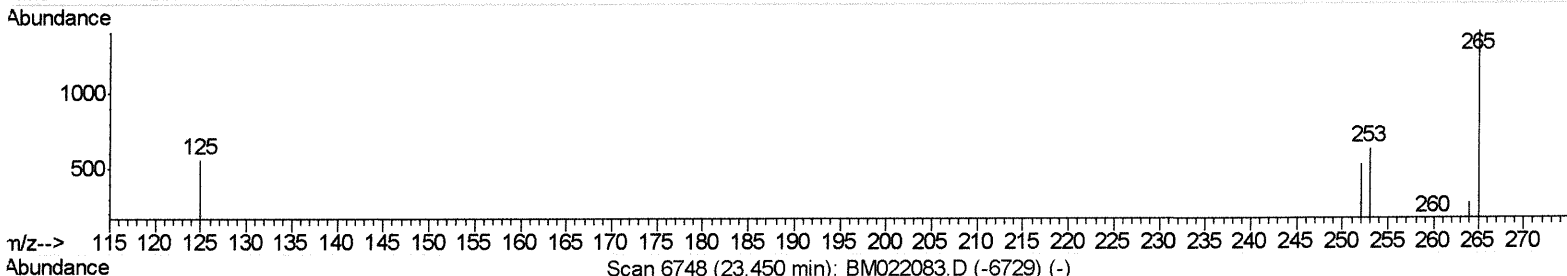
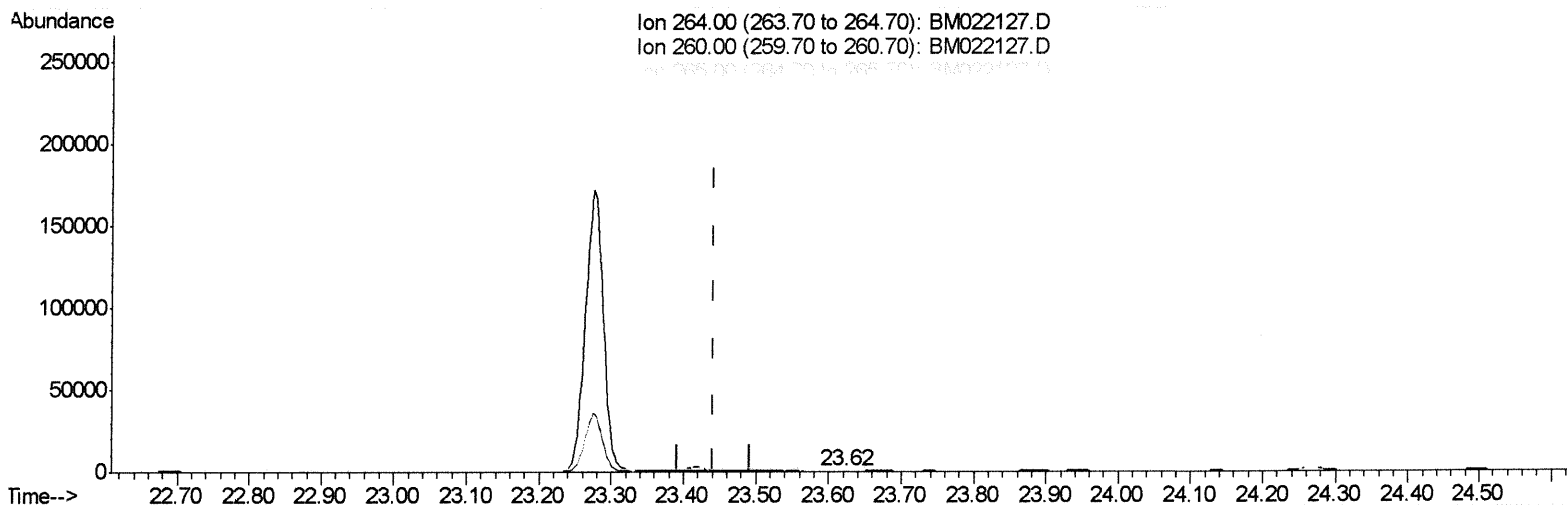
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:33:36 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



(20) Perylene-d12 (I)

23.622min (+0.179) 0.40ng/ul

response 11

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	62.96#
265.00	117.00	520.37#
0.00	0.00	0.00

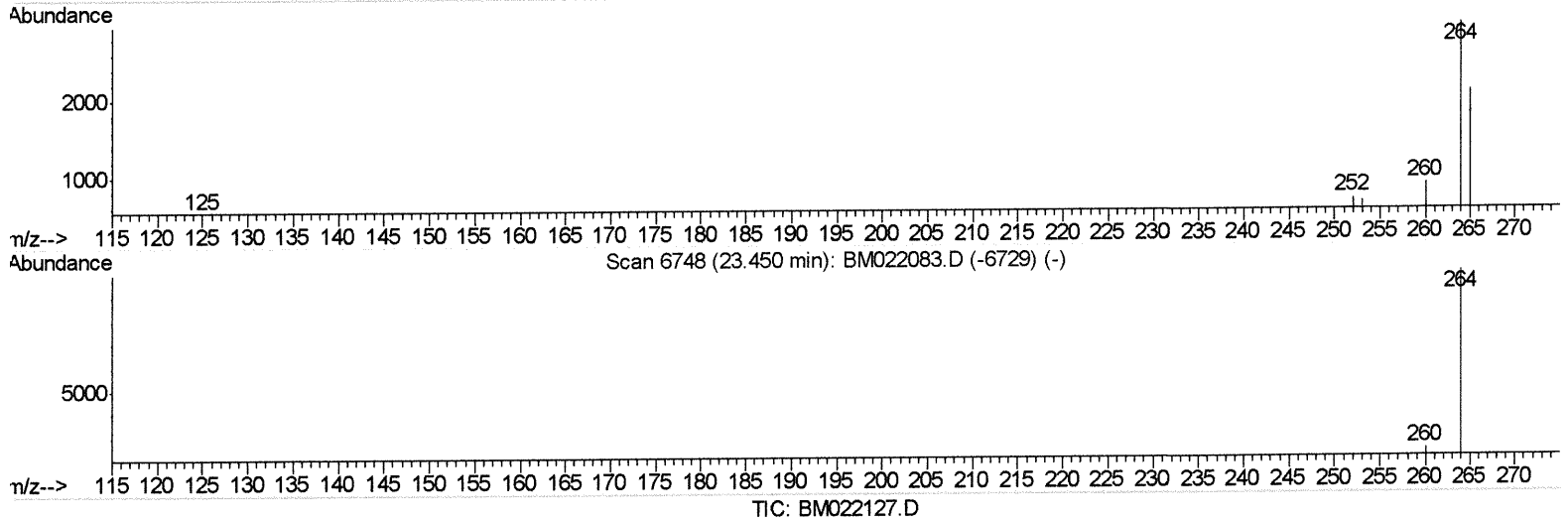
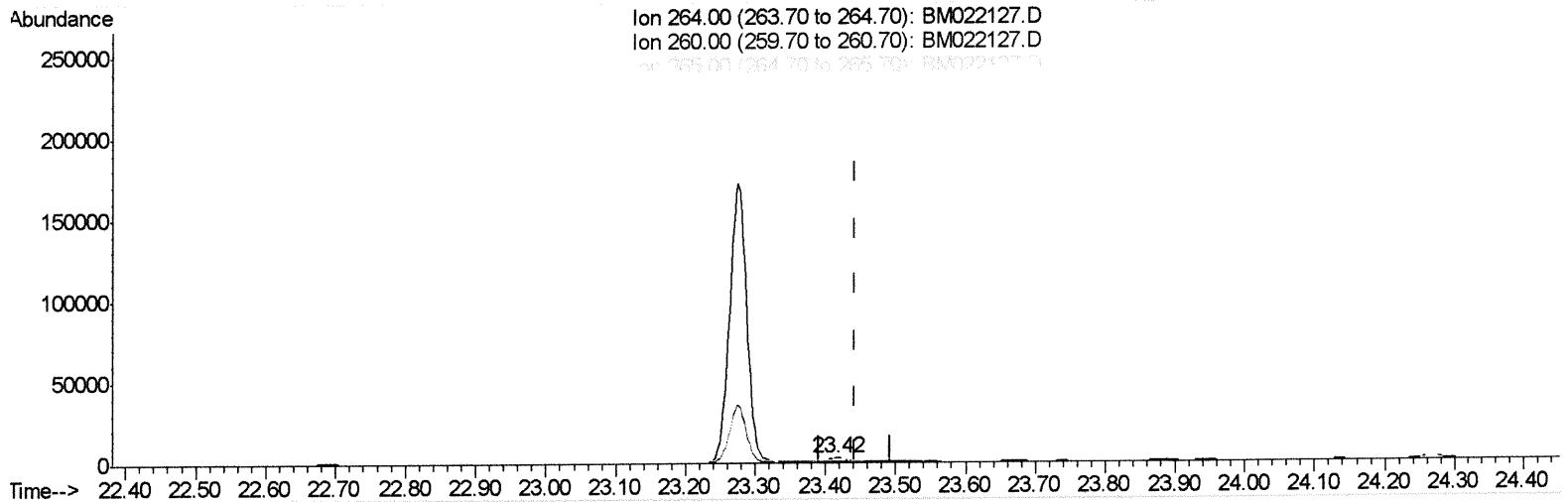
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:33:36 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



(20) Perylene-d12 (I)

23.416min (-0.027) 0.40ng/ul m

JU
 08/15/19

response 4385

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	29.47
265.00	117.00	70.30#
0.00	0.00	0.00

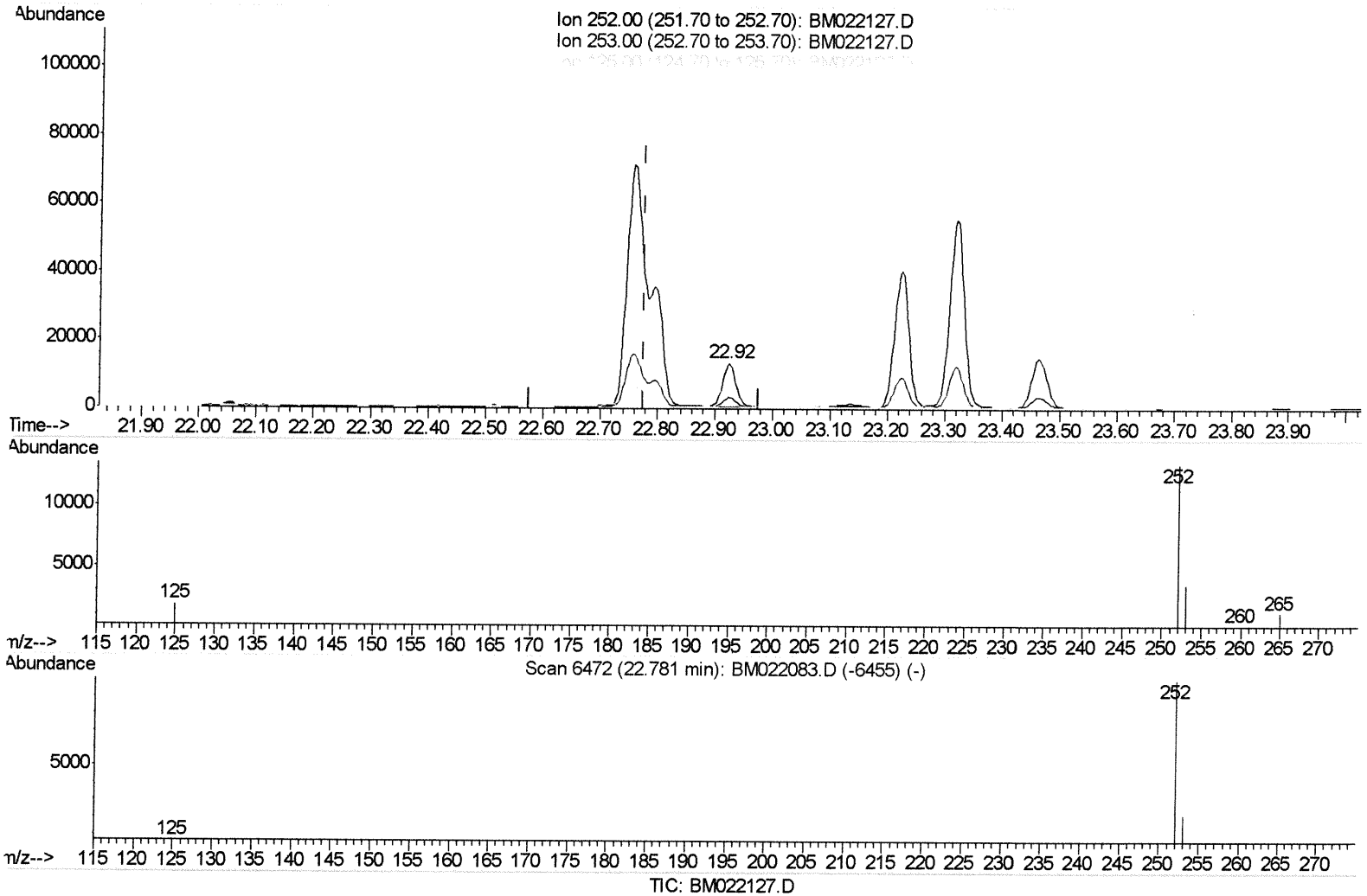
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022127.D
Acq On : 15 Aug 2019 03:59
Operator : HP/JU
Sample : K4304-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB5P0

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(21) Benzo(b)fluoranthene

22.924min (+0.148) 1.42ng/ul

response 21067

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.02
125.00	15.50	13.39
0.00	0.00	0.00

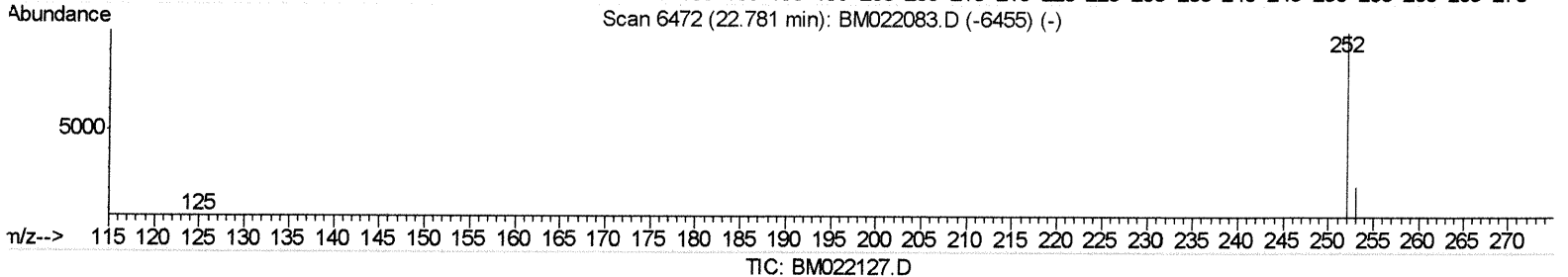
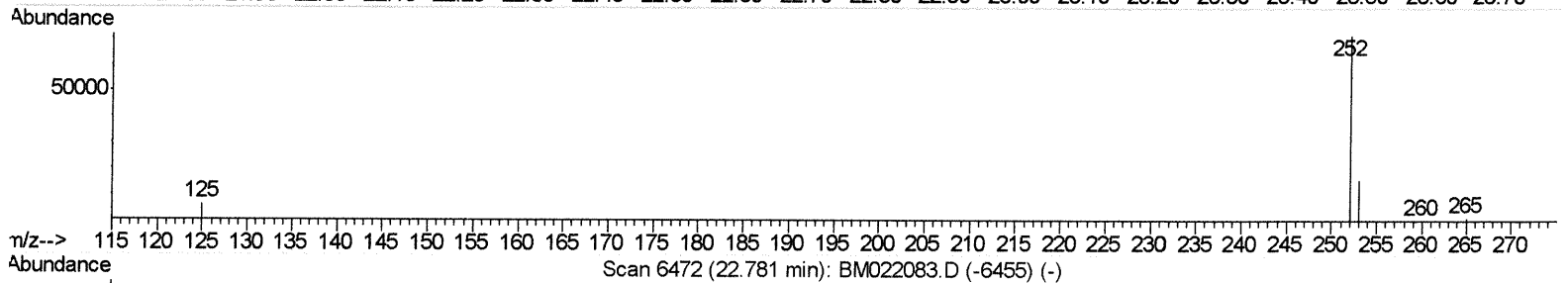
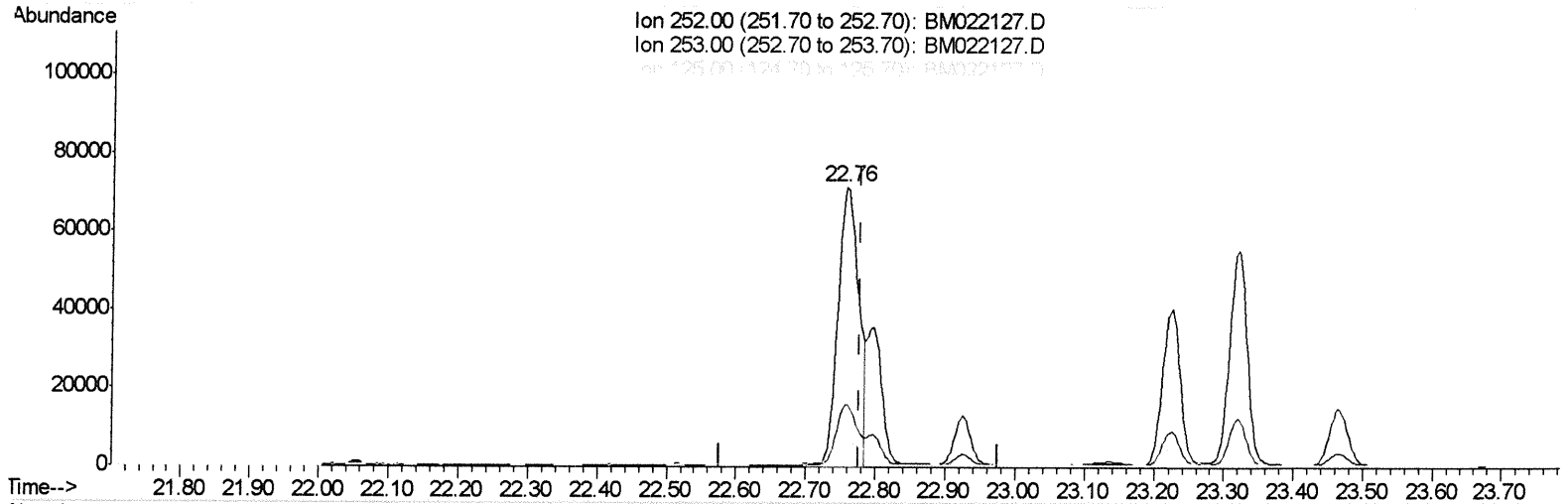
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(21) Benzo(b)fluoranthene

22.757min (-0.019) 10.00ng/ul m

response 147852

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.42
125.00	15.50	8.77
0.00	0.00	0.00

JU 8/15/19

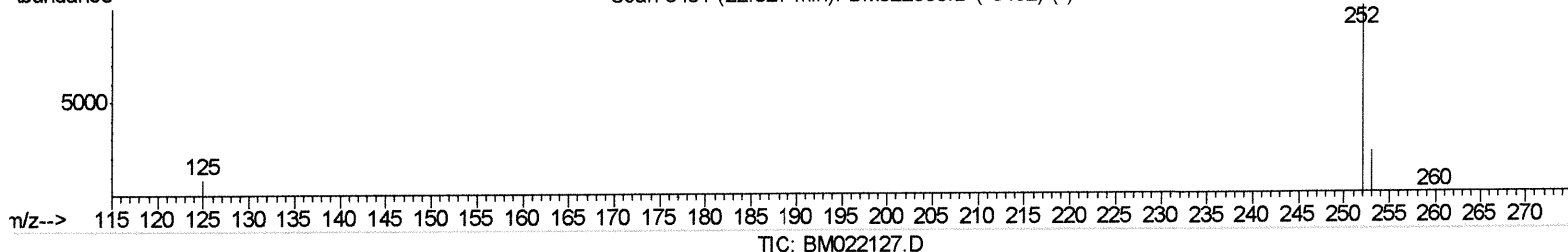
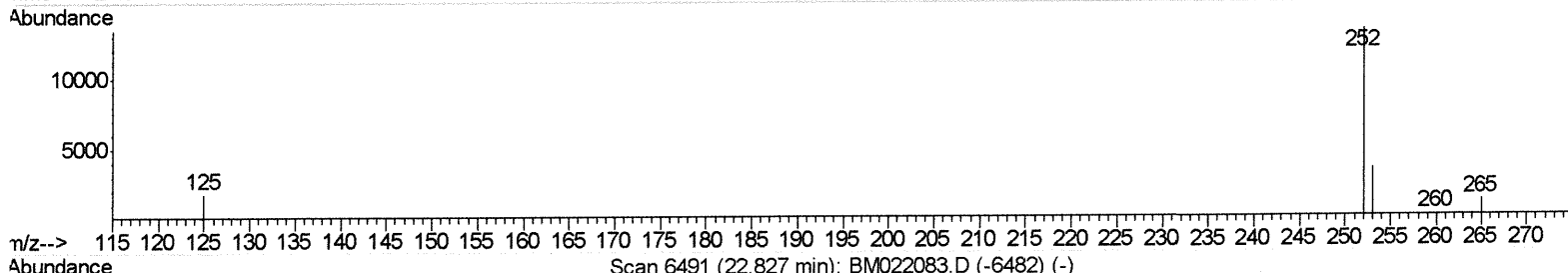
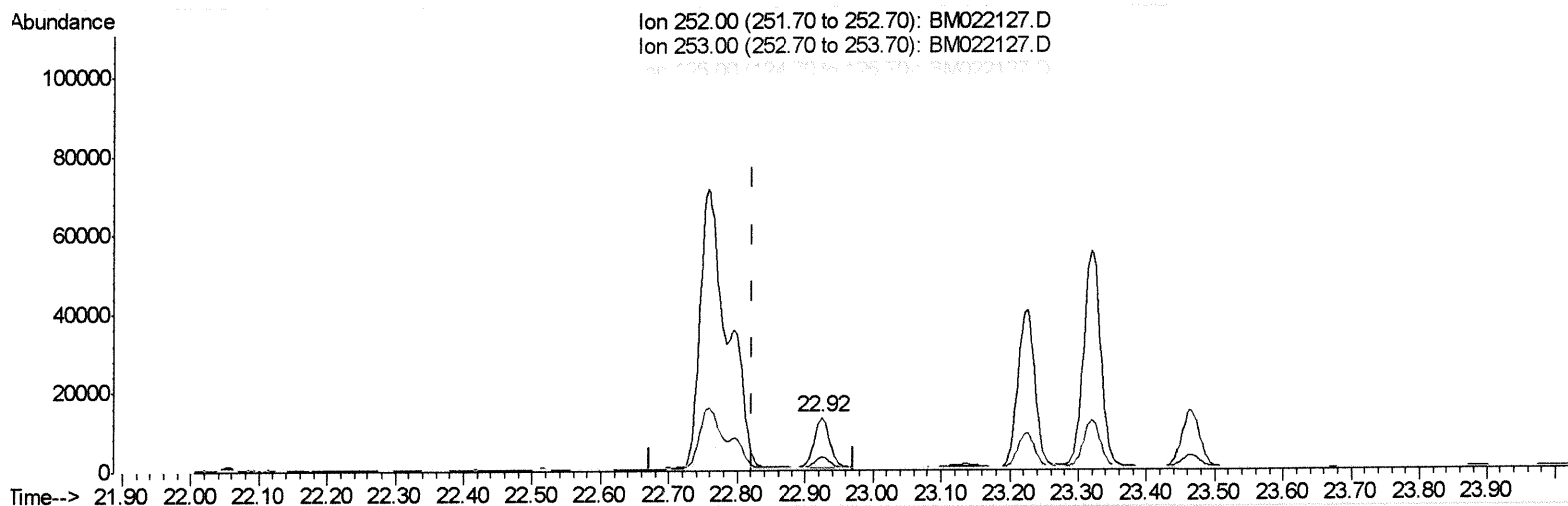
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(22) Benzo(k)fluoranthene

22.924min (+0.102) 1.26ng/ul

response 21067

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.02#
125.00	15.20	13.39
0.00	0.00	0.00

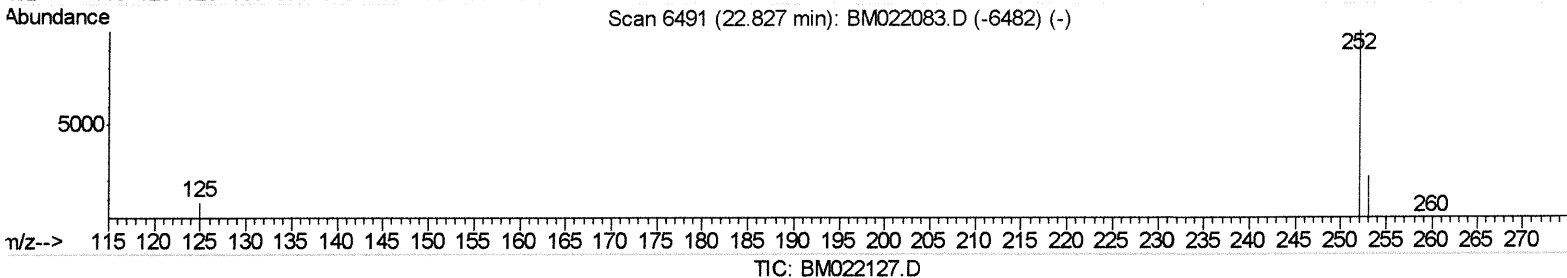
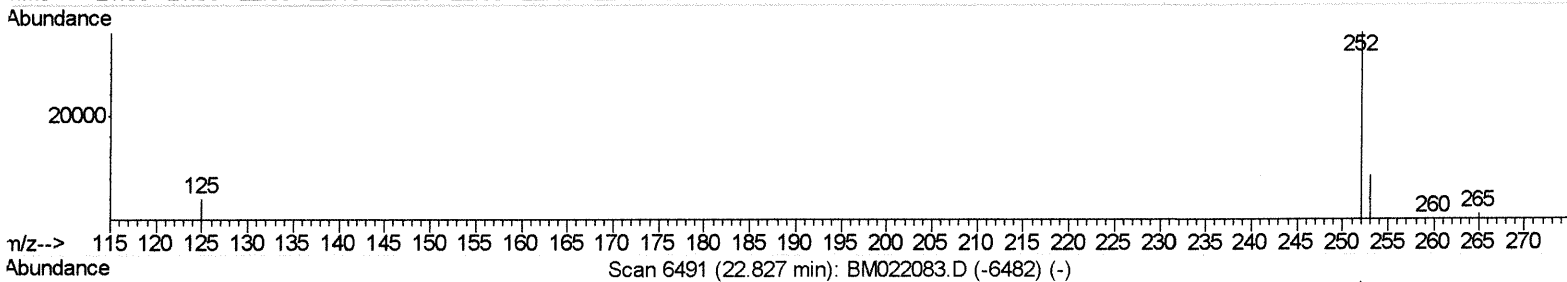
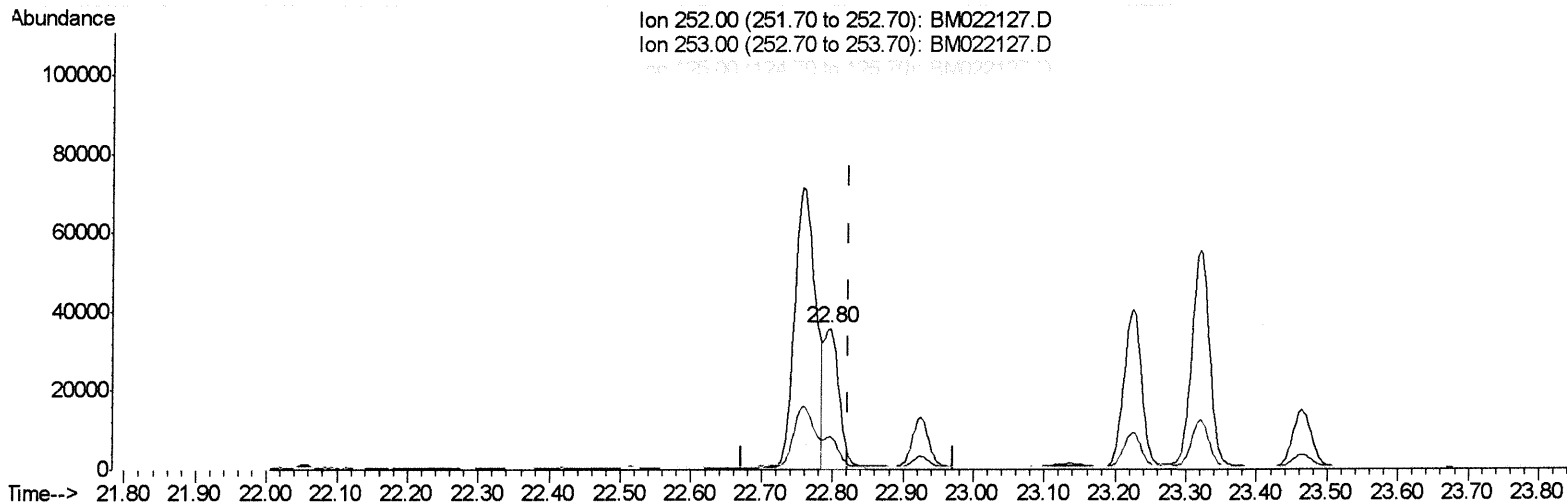
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(22) Benzo(k)fluoranthene

22.796min (-0.027) 3.37ng/ul m

JU
 8/15/19

response 56439

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.45#
125.00	15.20	11.53#
0.00	0.00	0.00

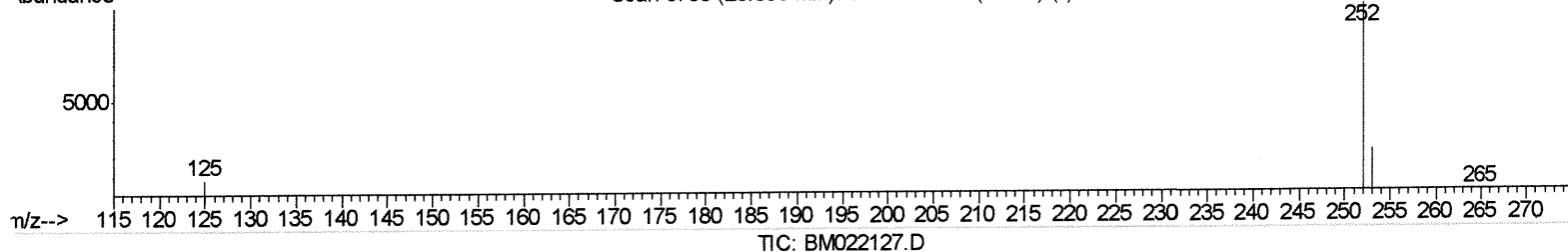
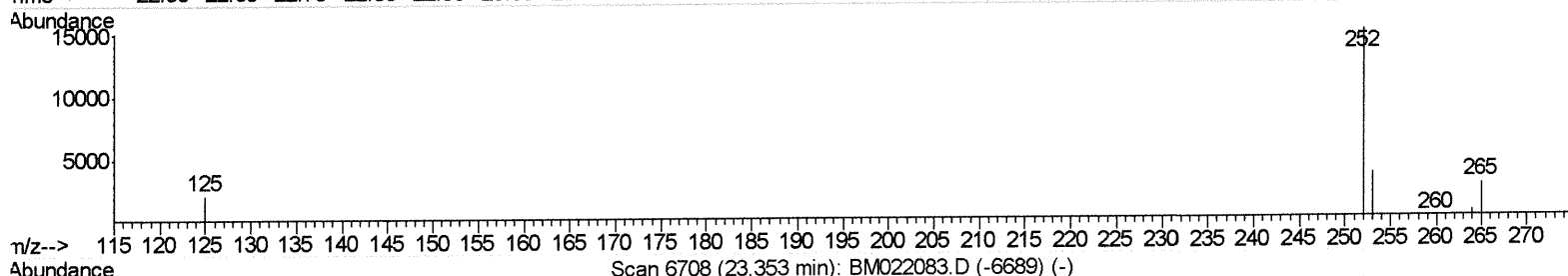
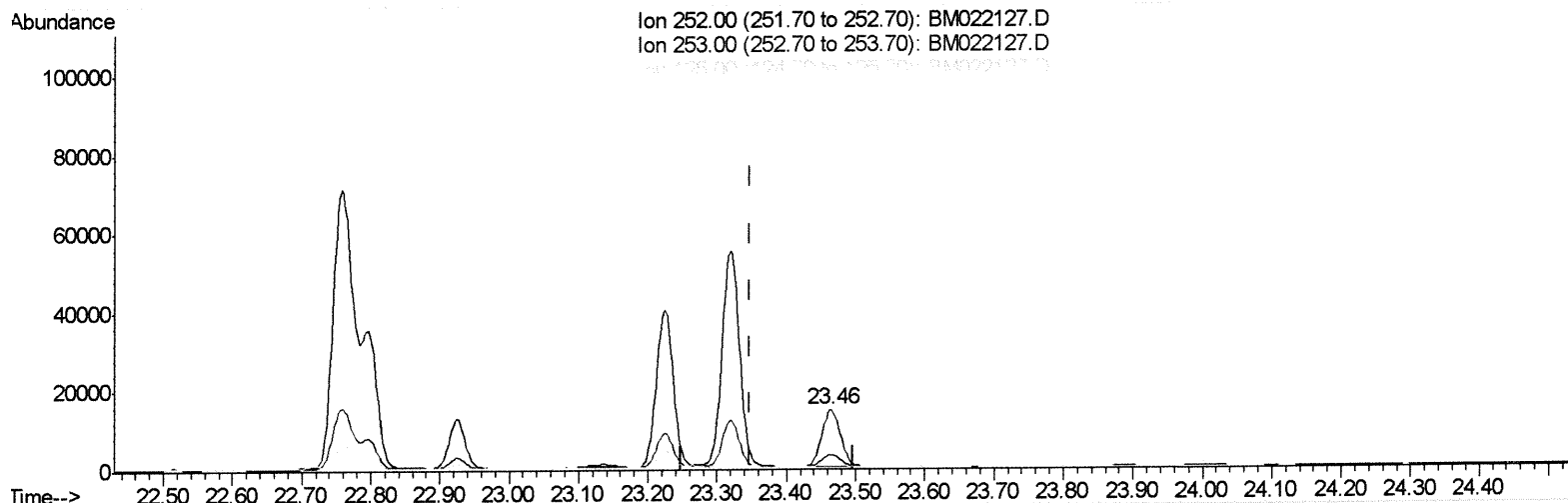
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(23) Benzo(a)pyrene (C)
 23.464min (+0.116) 1.77ng/ul
 response 26685

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	24.77#
125.00	18.20	14.69
0.00	0.00	0.00

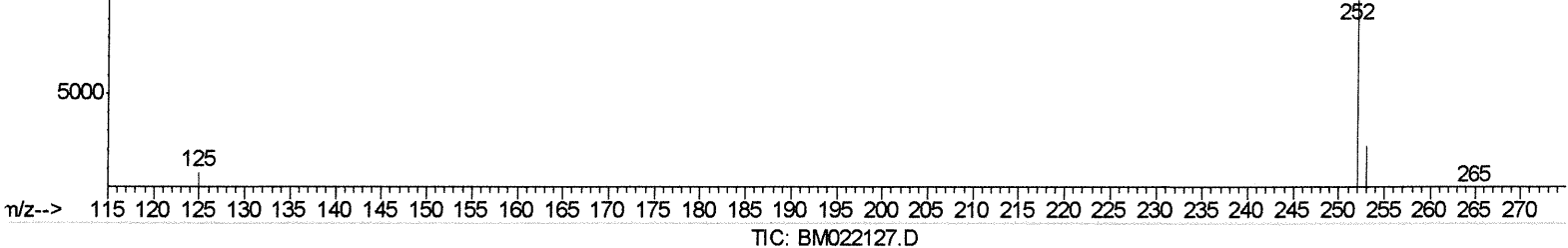
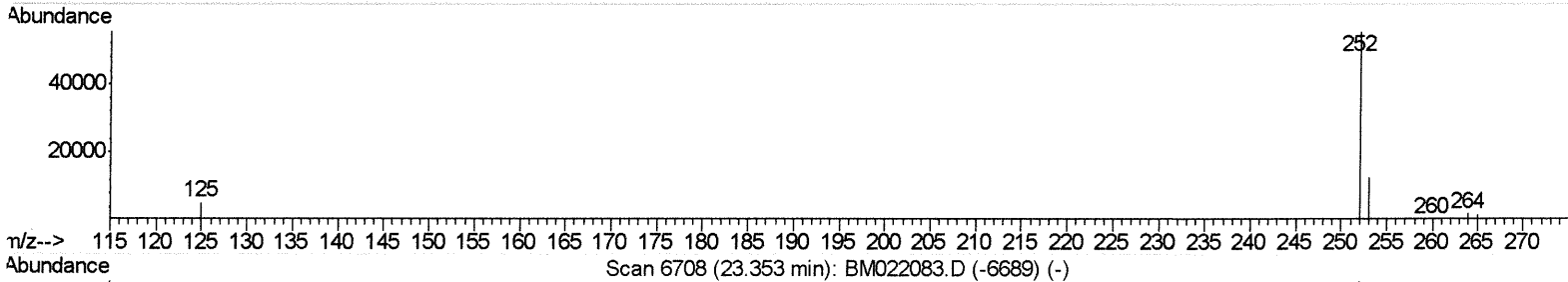
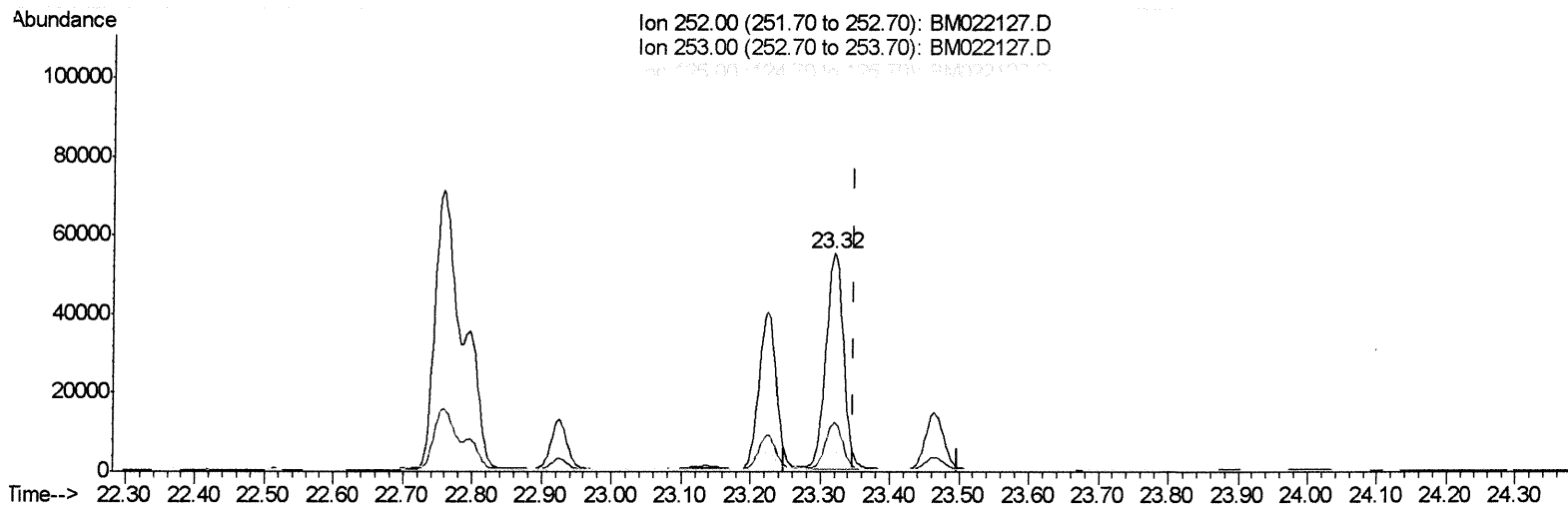
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(23) Benzo(a)pyrene (C)

23.319min (-0.029) 6.49ng/ul m *JU 08/15/19*

response 97643

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	22.60#
125.00	18.20	9.11#
0.00	0.00	0.00

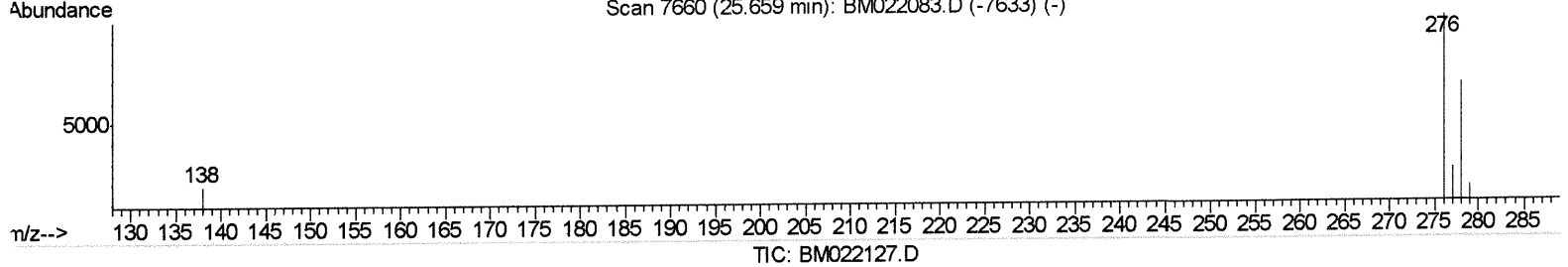
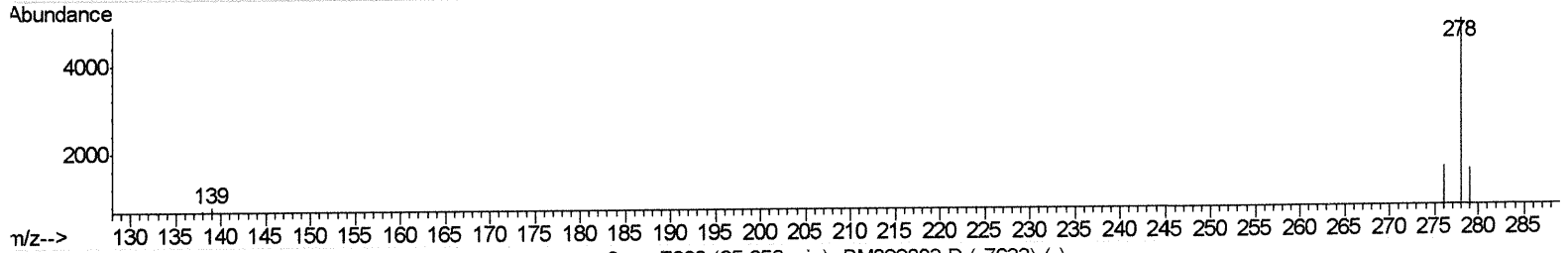
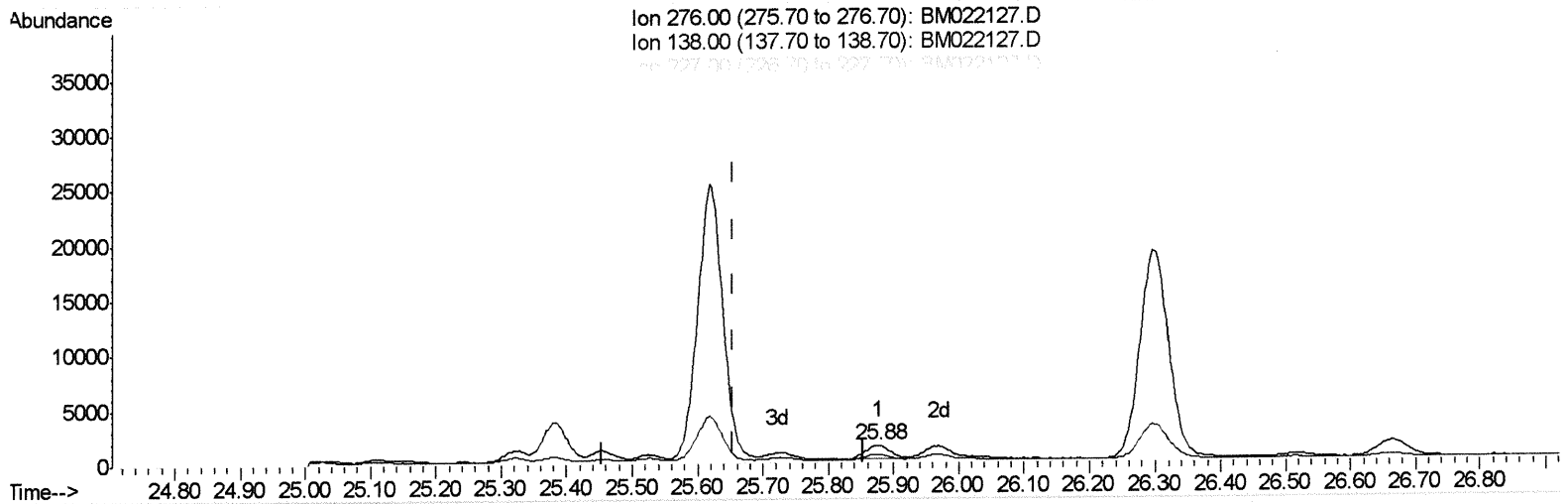
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(24) Indeno(1,2,3-cd)pyrene

25.877min (+0.223) 0.19ng/ul

response 3401

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	42.40#
227.00	0.00	0.00
0.00	0.00	0.00

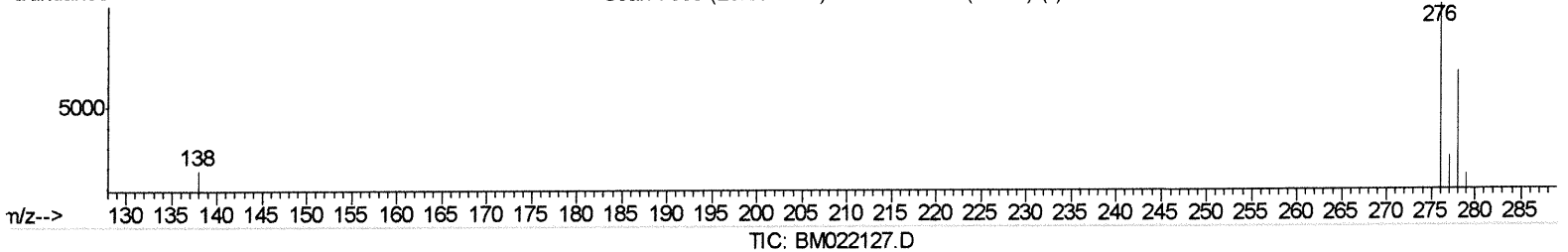
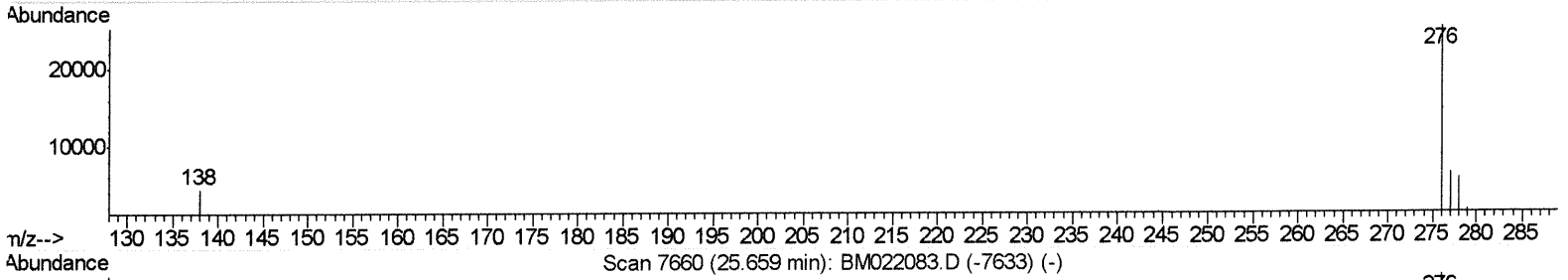
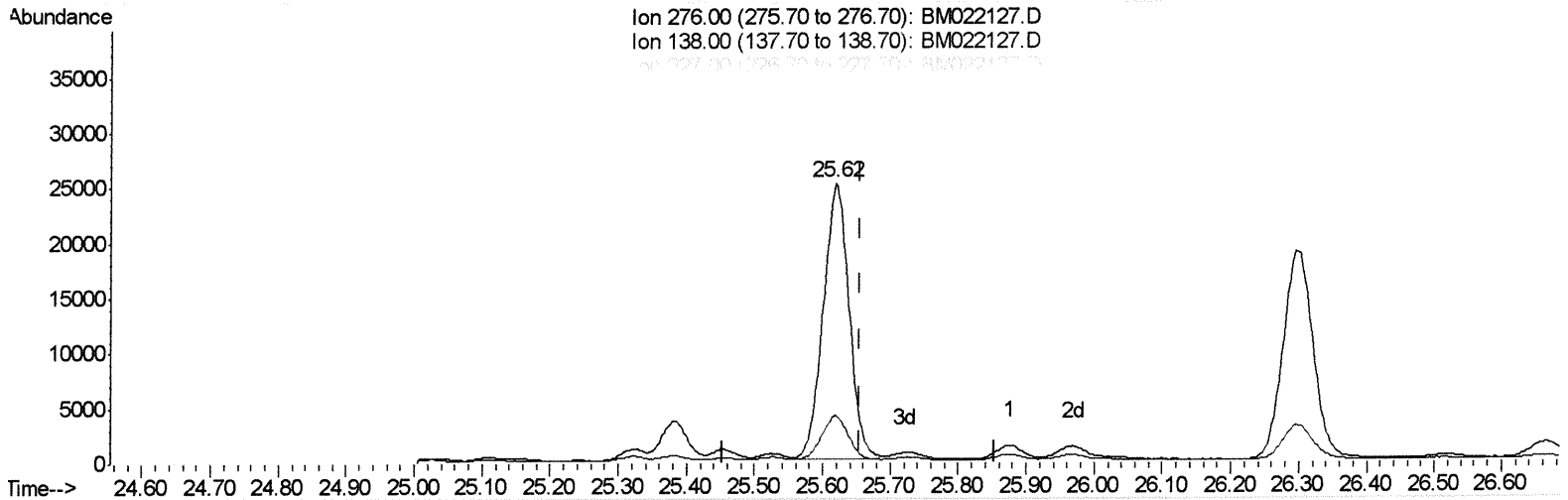
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(24) Indeno(1,2,3-cd)pyrene

25.618min (-0.036) 3.71ng/ul m

JU 8/15/19

response 66652

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	2.16#
227.00	0.00	0.00
0.00	0.00	0.00

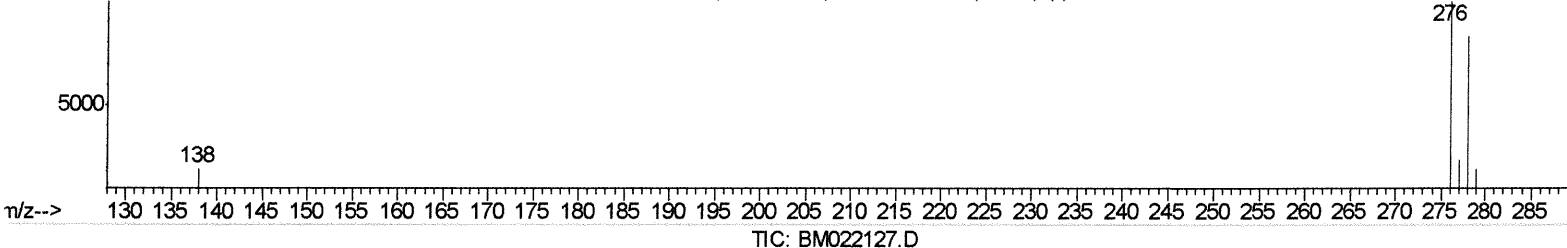
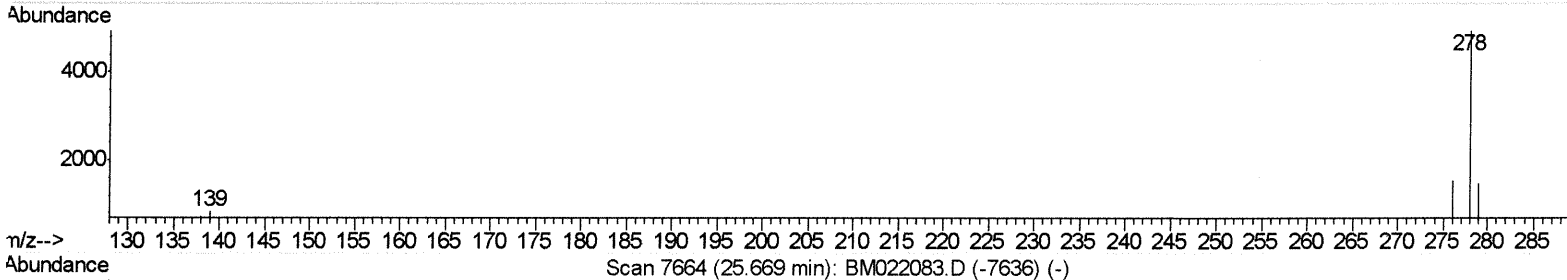
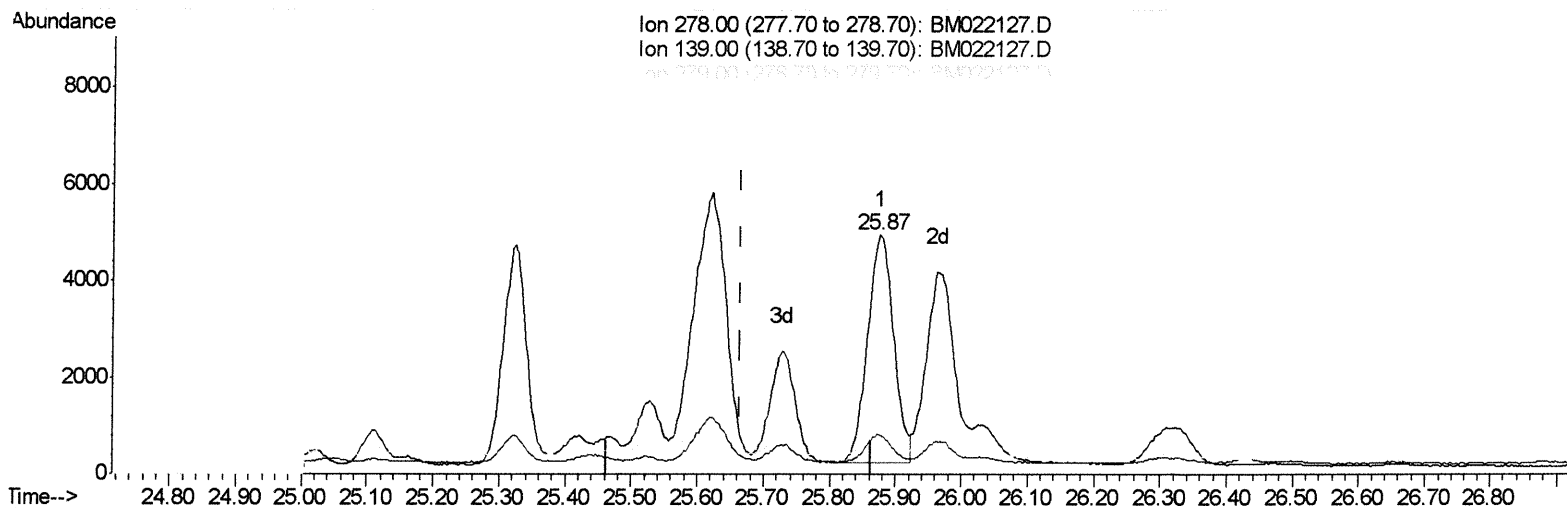
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(25) Dibenzo(a,h)anthracene

25.875min (+0.211) 0.90ng/ul

response 13115

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	16.68
279.00	35.40	29.64
0.00	0.00	0.00

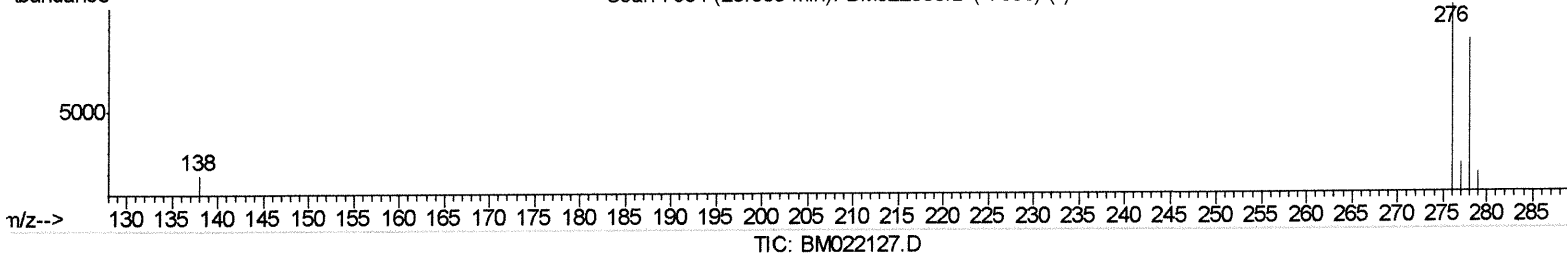
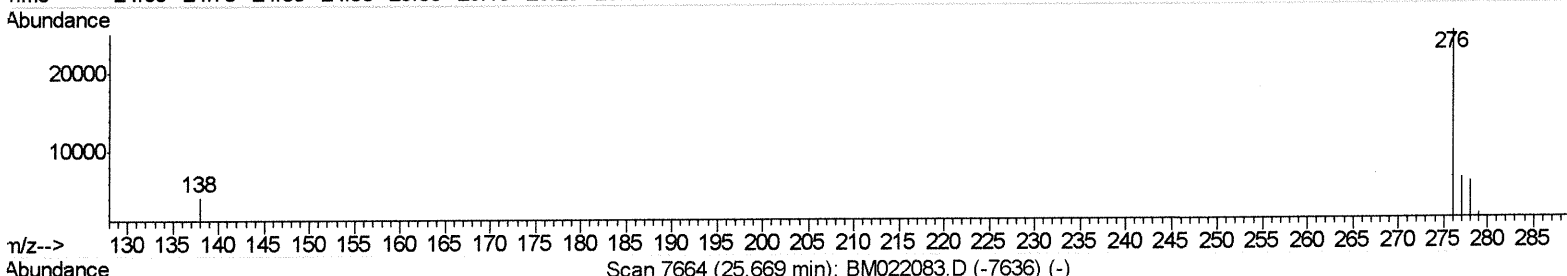
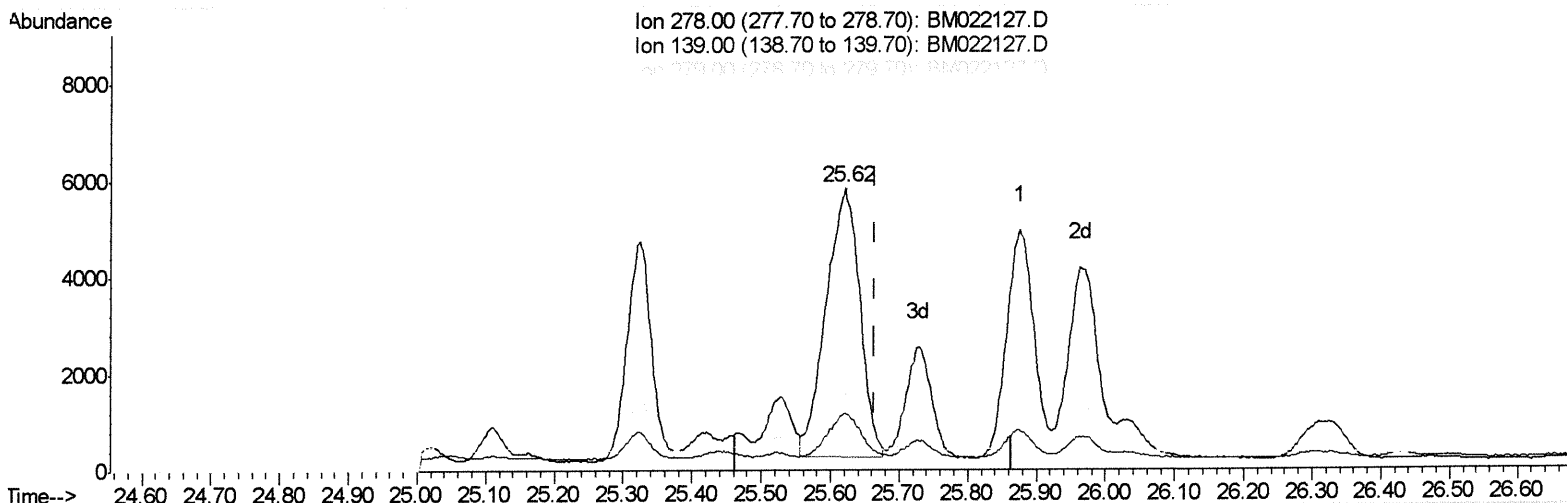
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(25) Dibenzo(a,h)anthracene

25.621min (-0.044) 1.31ng/ul m *JU 08/15/19*

response 19056

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	19.93
279.00	35.40	27.51#
0.00	0.00	0.00

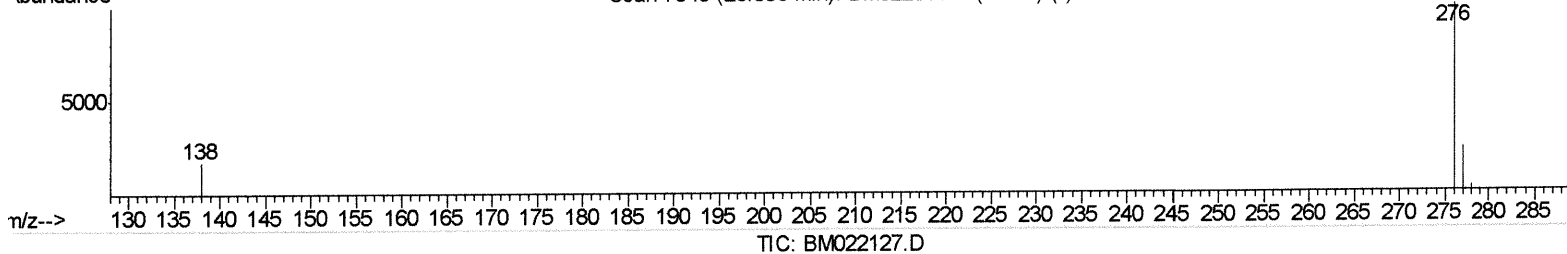
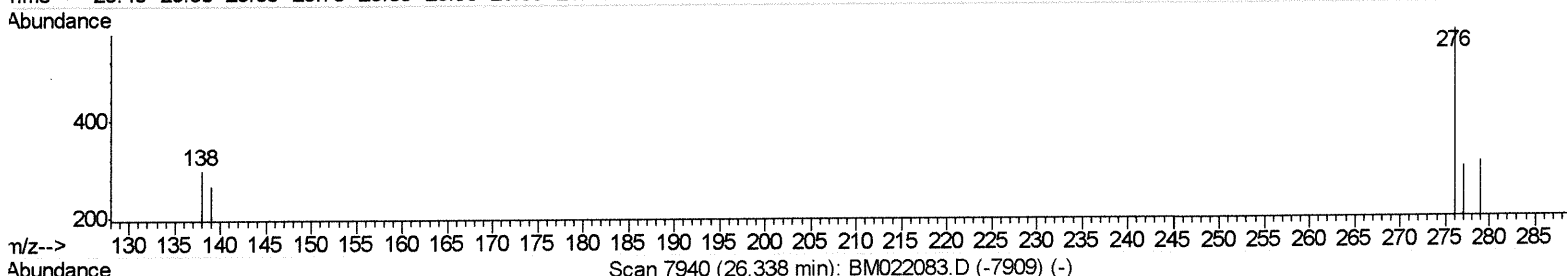
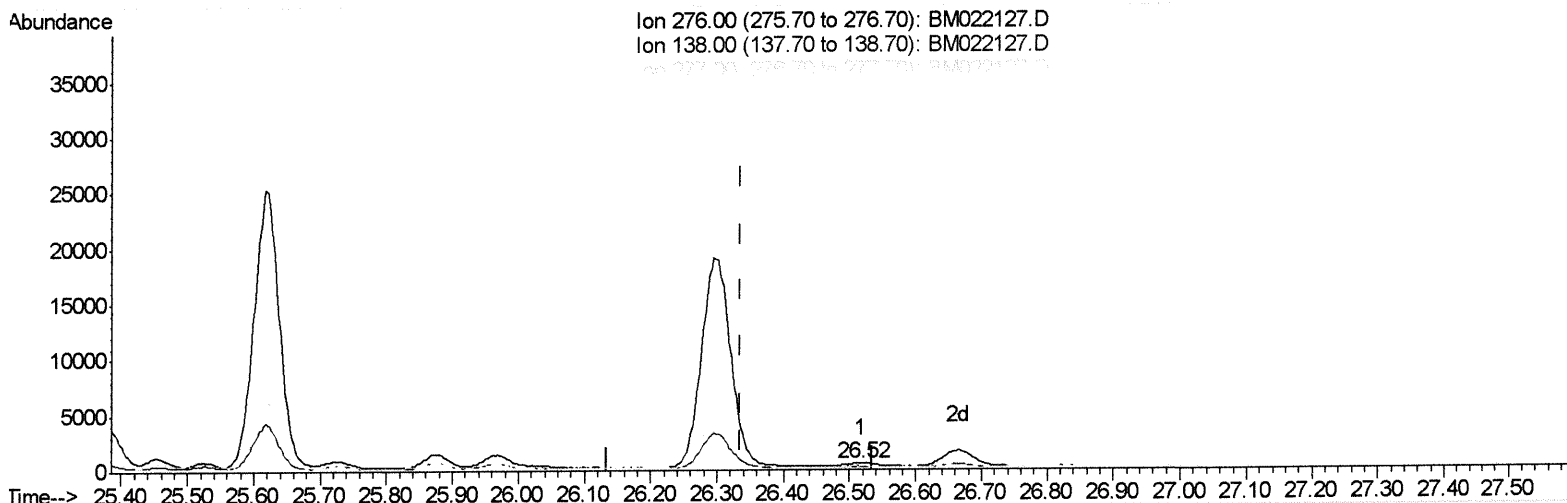
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(26) Benzo(g,h,i)perylene

26.517min (+0.182) 0.07ng/ul

response 1100

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	51.82#
277.00	26.80	51.65#
0.00	0.00	0.00

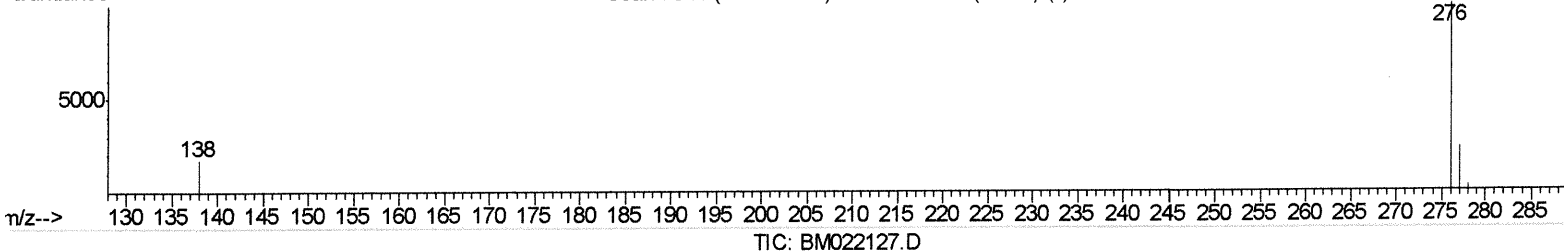
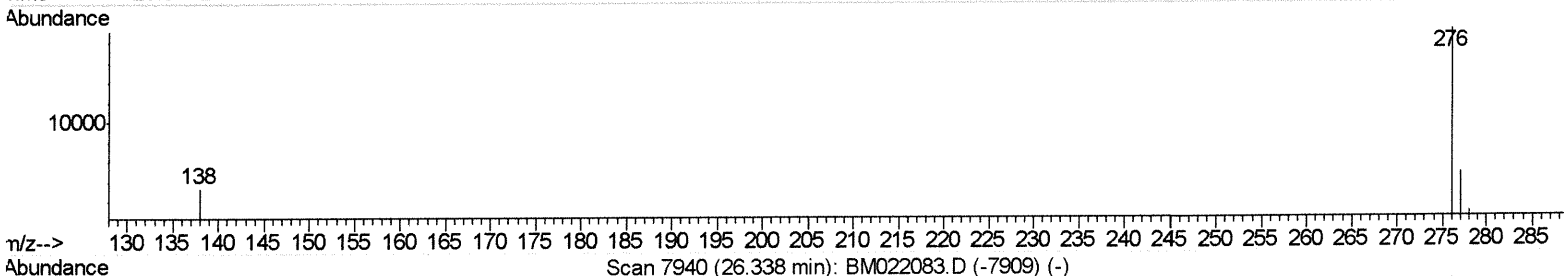
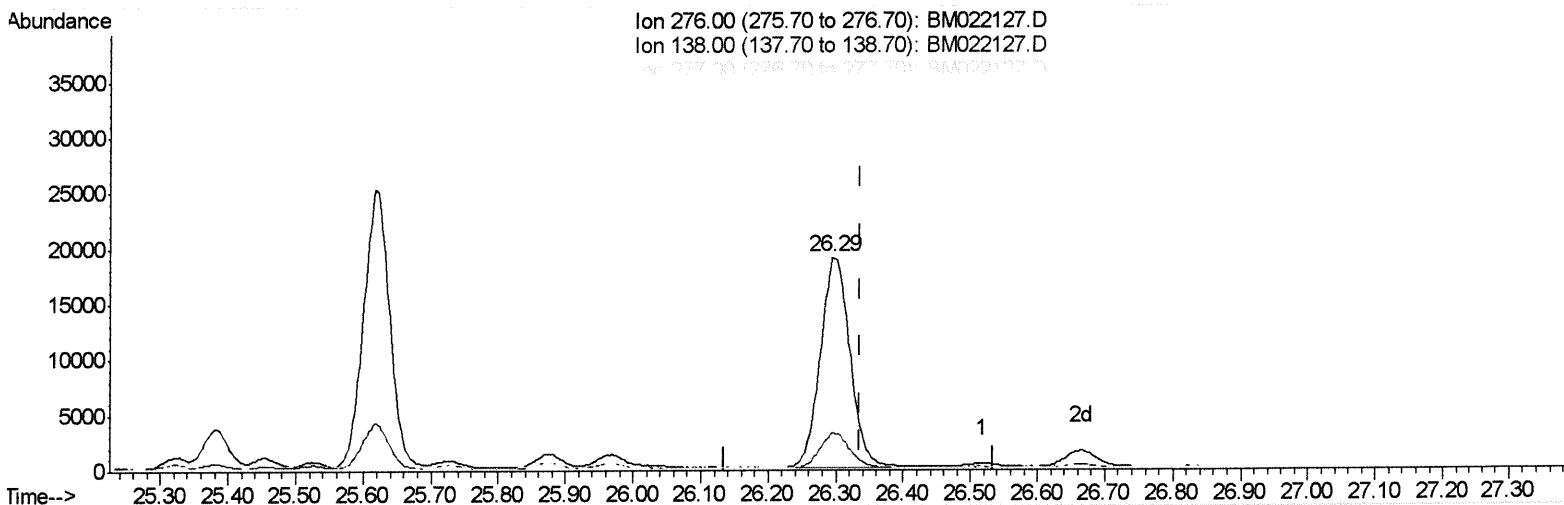
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:34:37 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



(26) Benzo(g,h,i)perylene

26.294min (-0.041) 3.60ng/ul m

JU
 08/15/19

response 58123

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	17.35
277.00	26.80	24.61
0.00	0.00	0.00

Quantitation Report (2 Reviewed)
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022127.D
Acq On : 15 Aug 2019 03:59
Operator : HP/JU
Sample : K4304-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB5P0

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:37:18 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	899	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	3675	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1945	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4247m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4157m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4385m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1488	0.25	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	3919m	0.27	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.42	128	14849	1.430	ng/ul#	92
5) 2-Methylnaphthalene	12.05	142	5300	0.766	ng/ul	97
7) Acenaphthylene	13.97	152	3976	0.438	ng/ul#	83
8) Acenaphthene	14.31	153	9720	1.310	ng/ul	95
9) Fluorene	15.31	166	11806	1.432	ng/ul	97
12) Phenanthrene	17.05	178	189908m	15.368	ng/ul	97
13) Anthracene	17.14	178	36264m	3.440	ng/ul	97
15) Fluoranthene	19.08	202	258523m	15.617	ng/ul	97
17) Pyrene	19.44	202	212174	12.421	ng/ul	97
18) Benzo(a)anthracene	21.20	228	118758m	7.987	ng/ul	97
19) Chrysene	21.25	228	111974	5.855	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	147852m	9.999	ng/ul	97
22) Benzo(k)fluoranthene	22.80	252	56439m	3.373	ng/ul	97
23) Benzo(a)pyrene	23.32	252	97643m	6.493	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.62	276	66652m	3.712	ng/ul	97
25) Dibenzo(a,h)anthracene	25.62	278	19056m	1.313	ng/ul	97
26) Benzo(g,h,i)perylene	26.29	276	58123m	3.596	ng/ul	97

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