

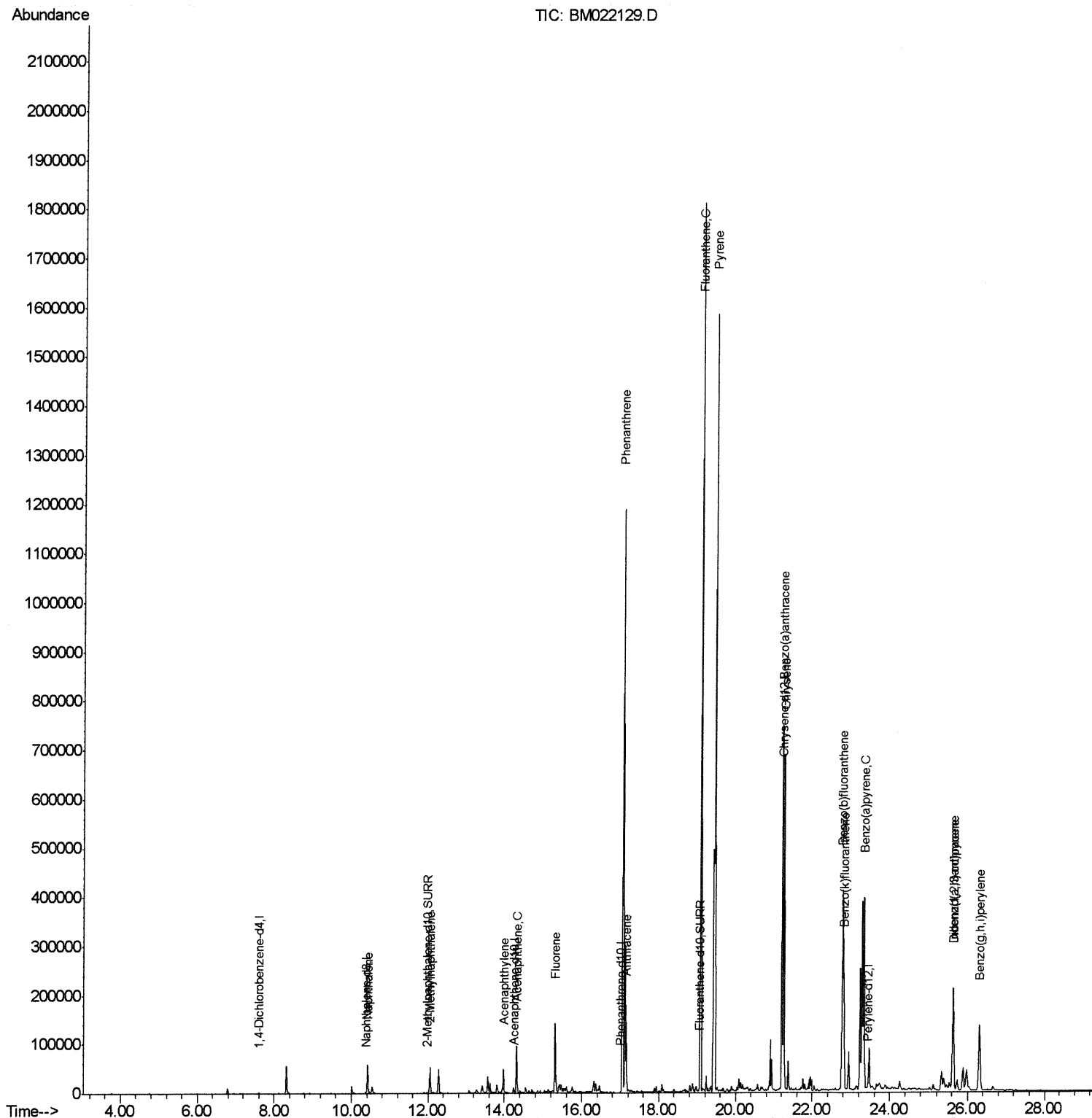
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:43:39 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



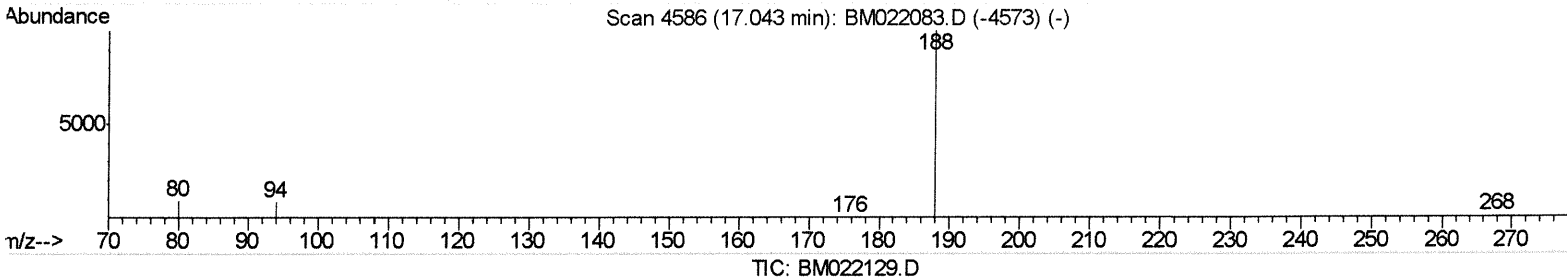
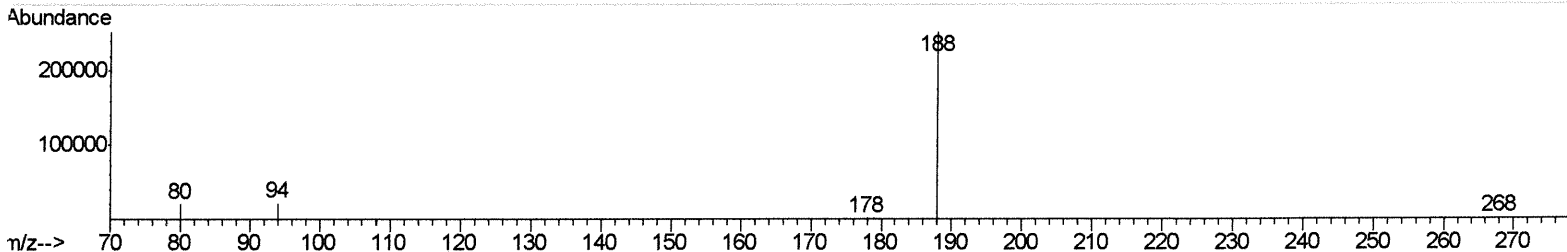
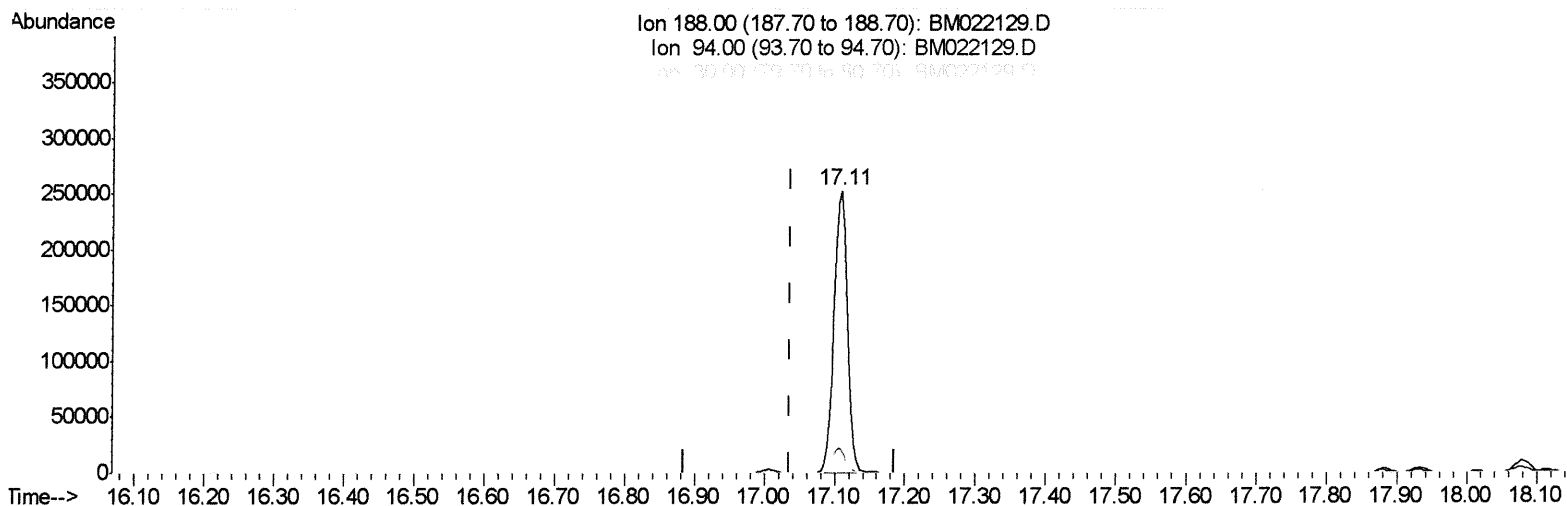
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:39:33 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)
 17.108min (+0.073) 0.40ng/ul
 response 331371

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.50
80.00	11.40	8.03#
0.00	0.00	0.00

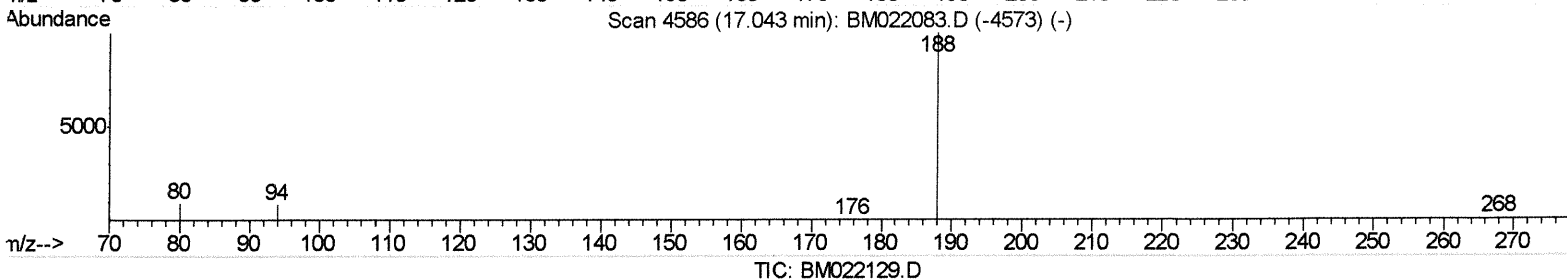
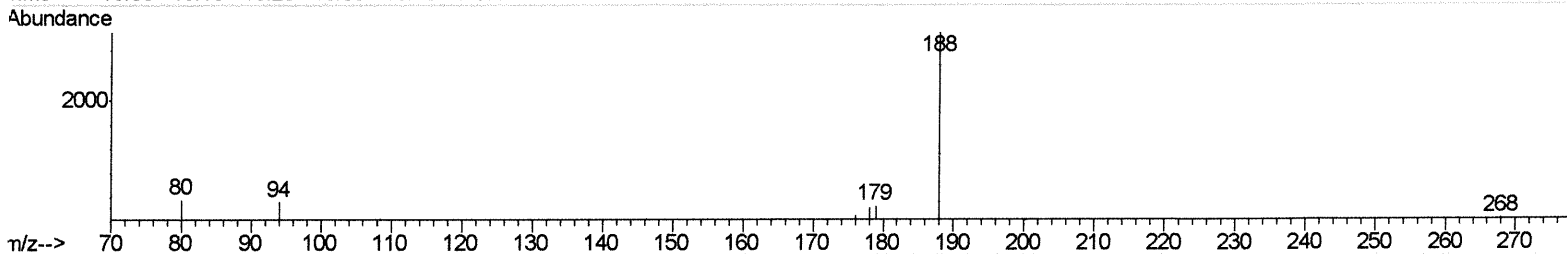
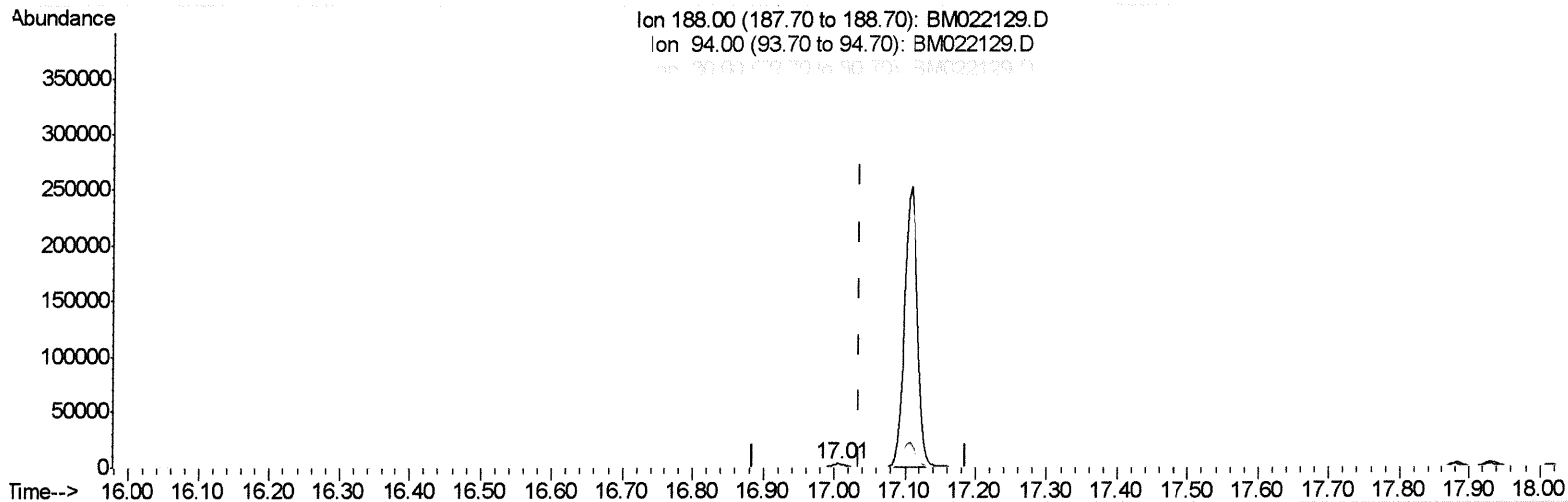
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:39:33 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 8/15/19

response 4469

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.74
80.00	11.40	11.77
0.00	0.00	0.00

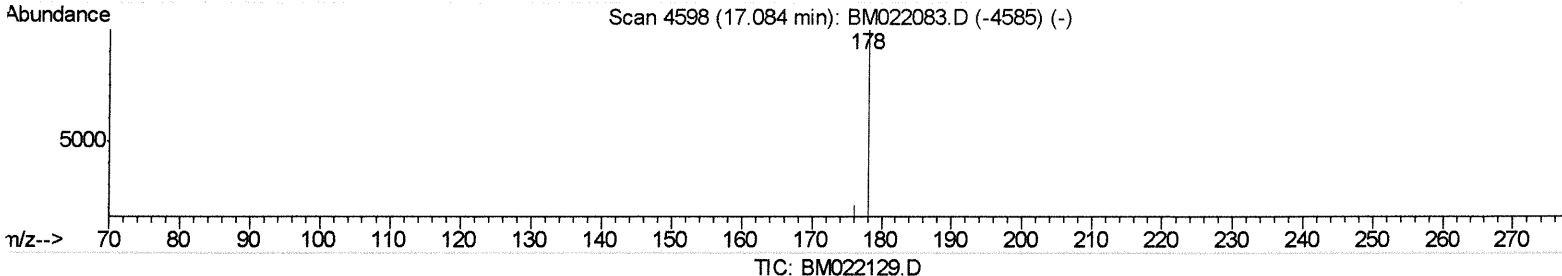
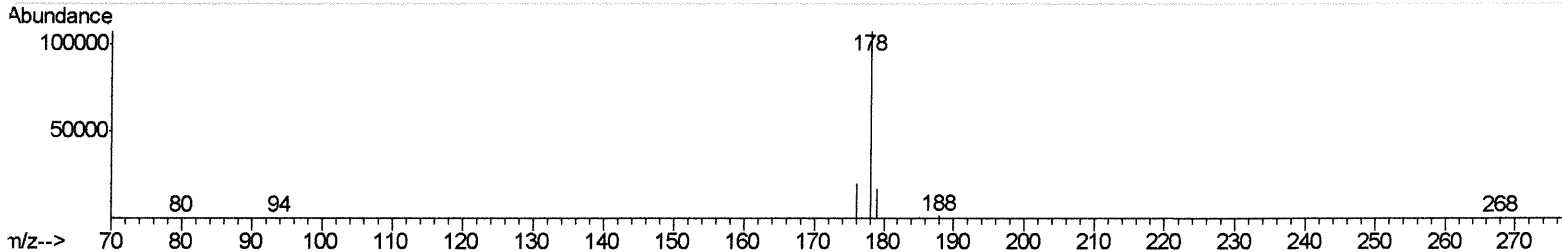
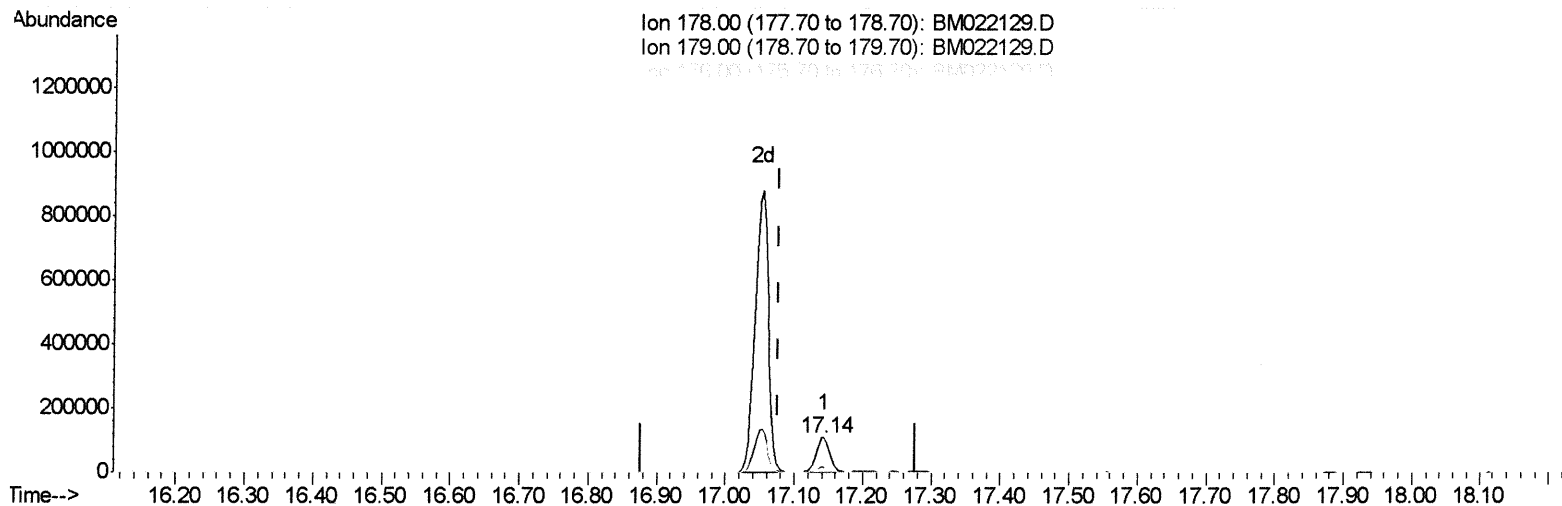
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:40:03 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) 11.65ng/ul

response 151463

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.58
176.00	21.00	18.80
0.00	0.00	0.00

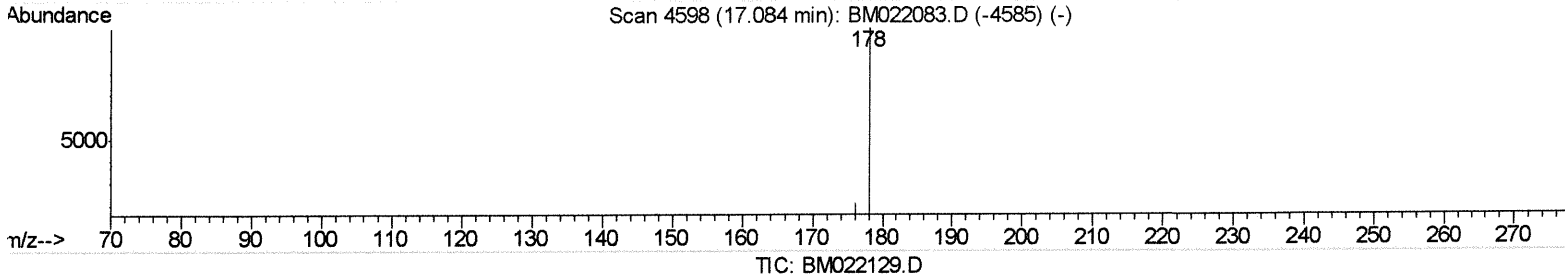
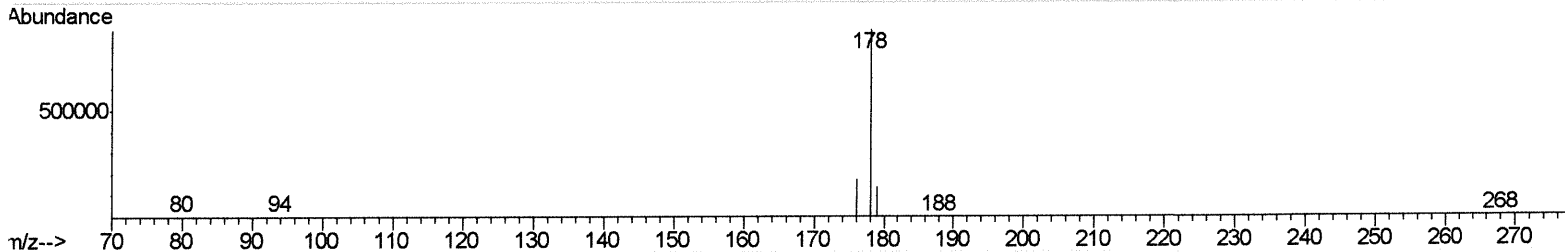
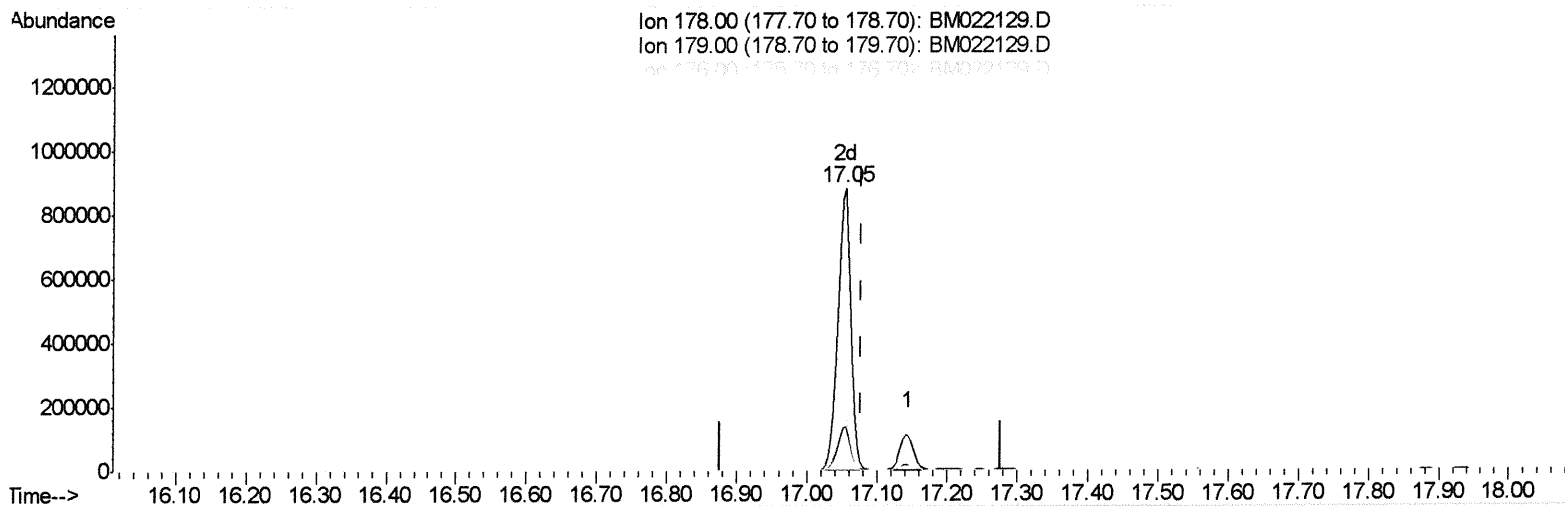
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:40:03 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

17.053min (-0.024) 89.00ng/ul m

JU
 08/15/19

response 1157337

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.51
176.00	21.00	19.60
0.00	0.00	0.00

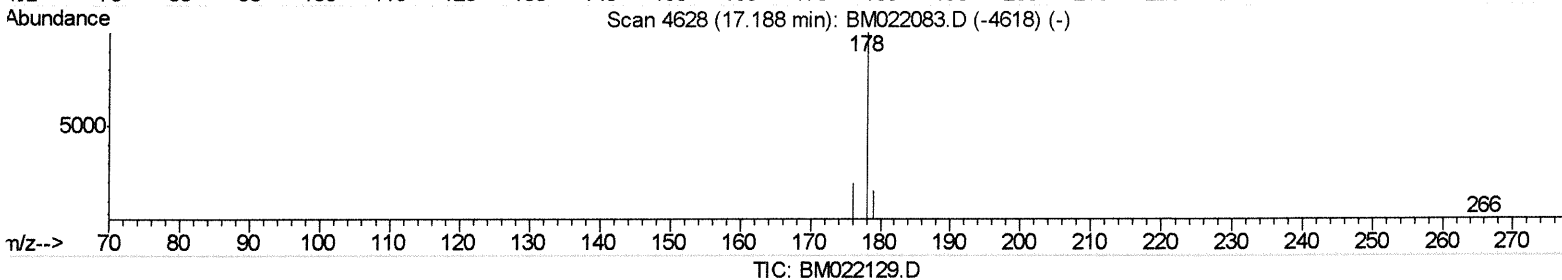
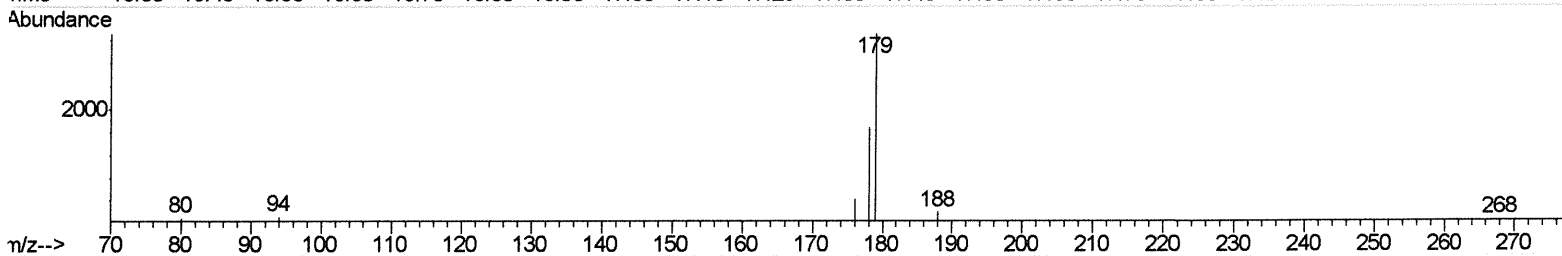
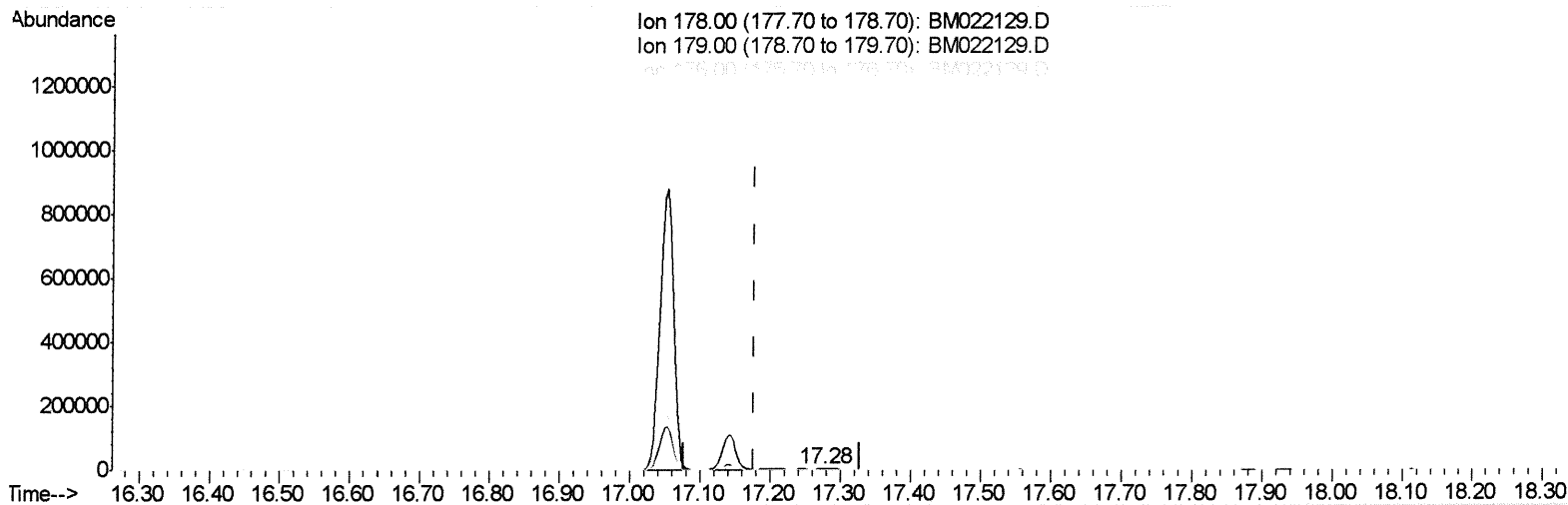
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:40:03 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

17.275min (+0.097) 0.24ng/ul

response 2644

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	198.15#
176.00	20.80	25.31#
0.00	0.00	0.00

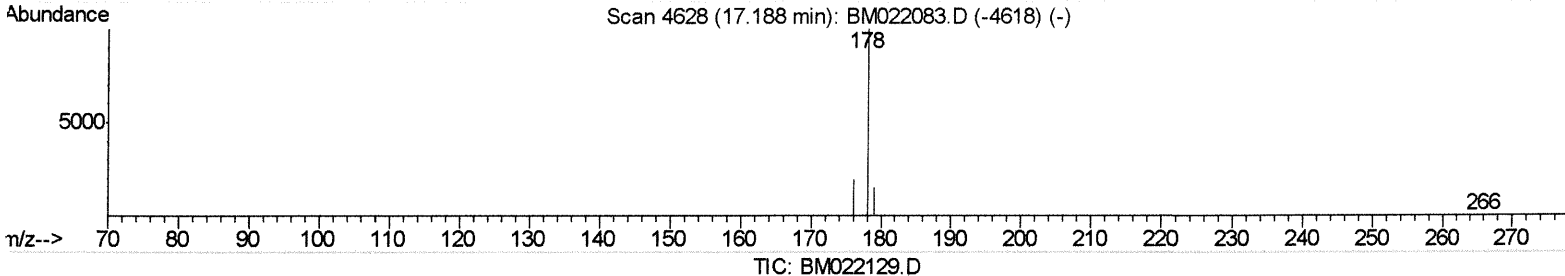
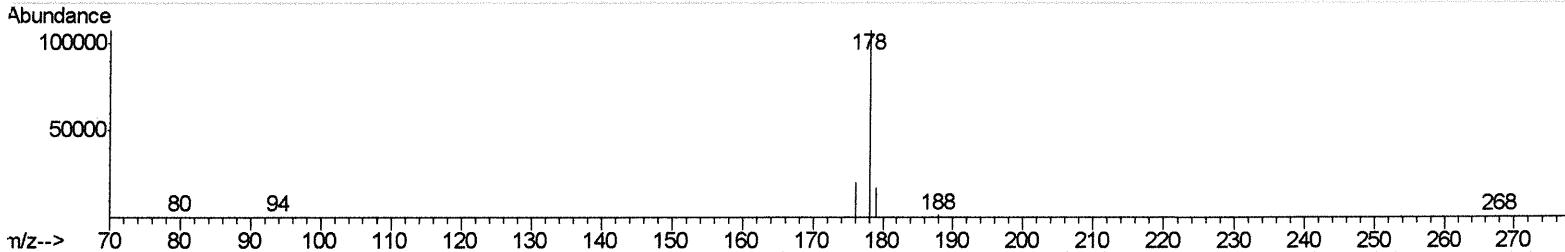
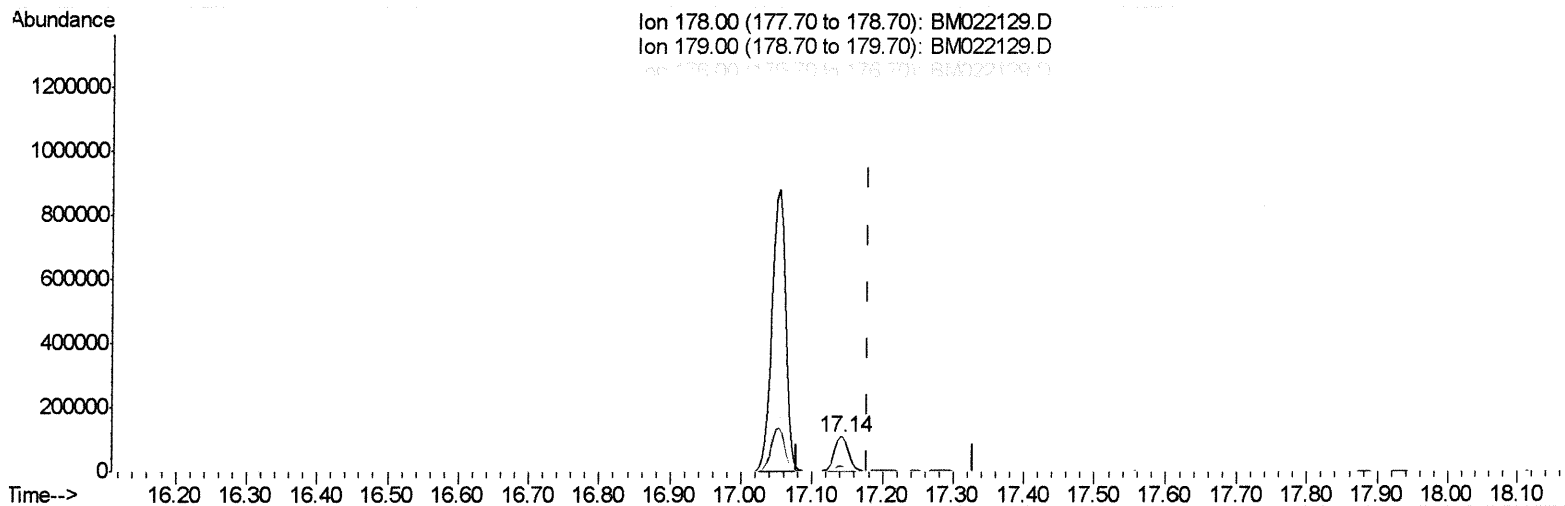
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:40:03 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) 13.77ng/ul m

JU 8/15/19

response 152692

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	15.58
176.00	20.80	18.80
0.00	0.00	0.00

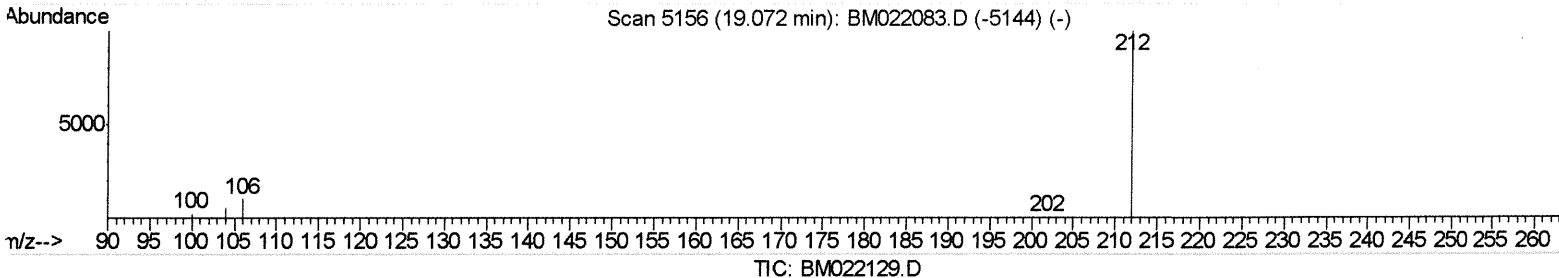
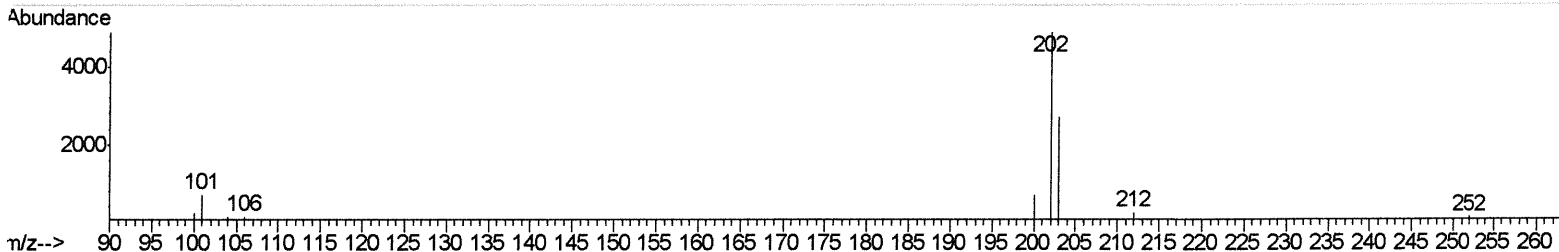
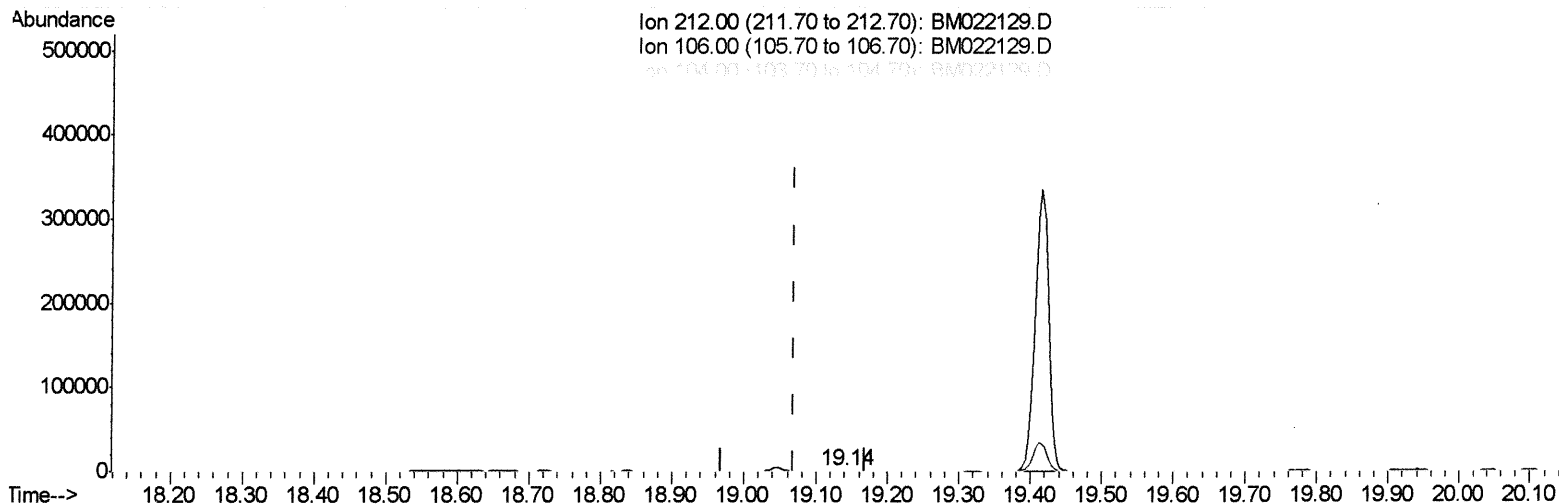
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:40:03 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)

19.140min (+0.072) 0.01ng/ul

response 122

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	34.43#
104.00	6.00	48.36#
0.00	0.00	0.00

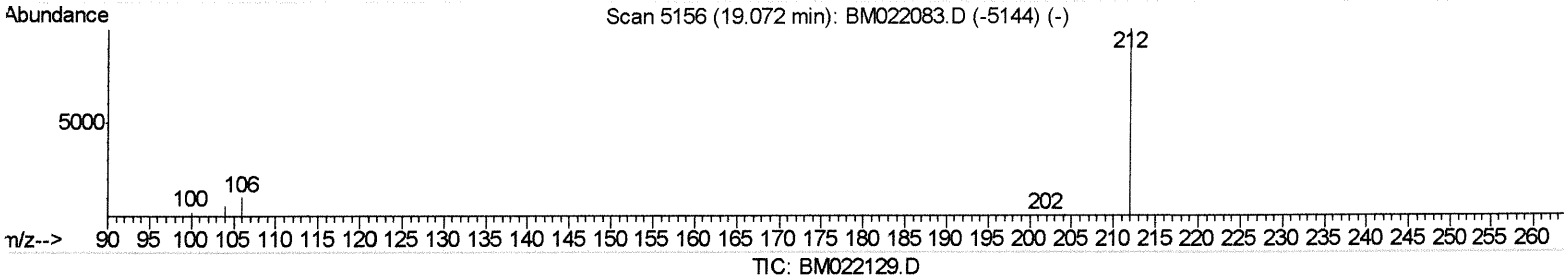
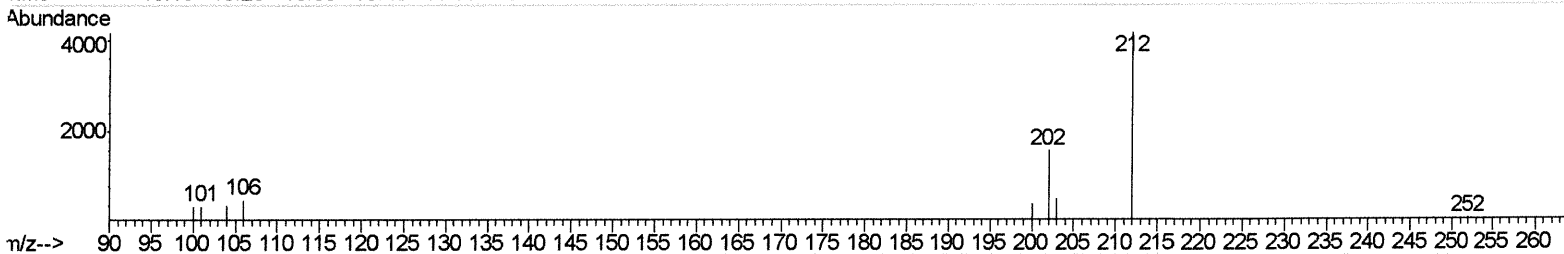
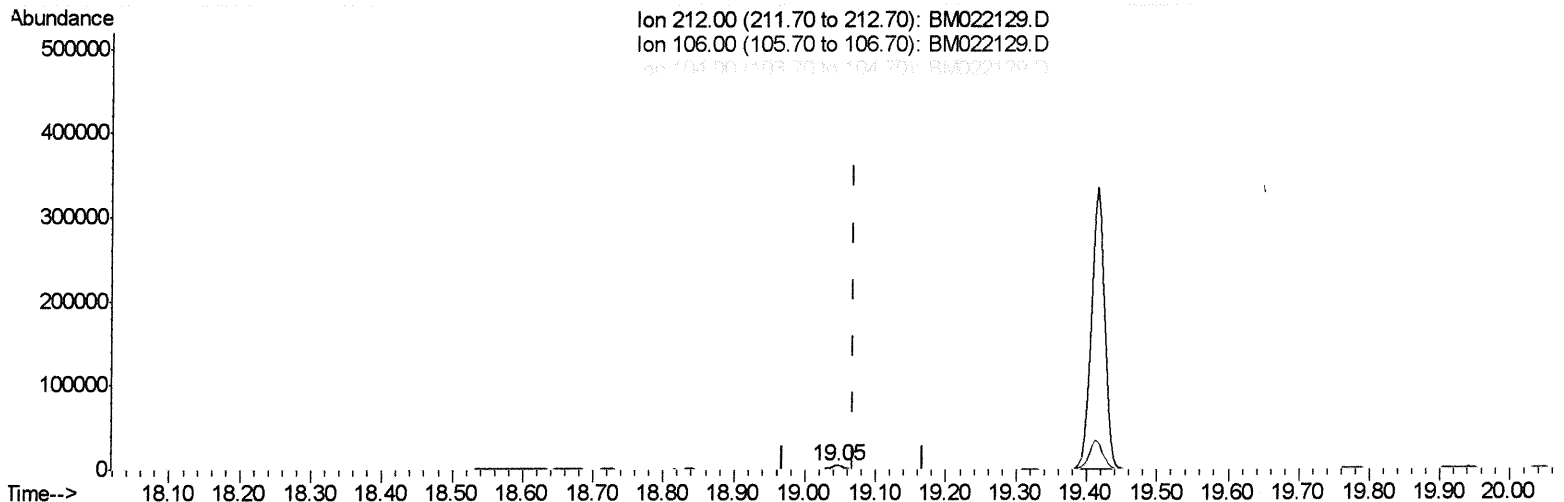
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:40:03 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) 0.42ng/ul m

JU
08/15/19

response 6322

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.66#
104.00	6.00	0.93#
0.00	0.00	0.00

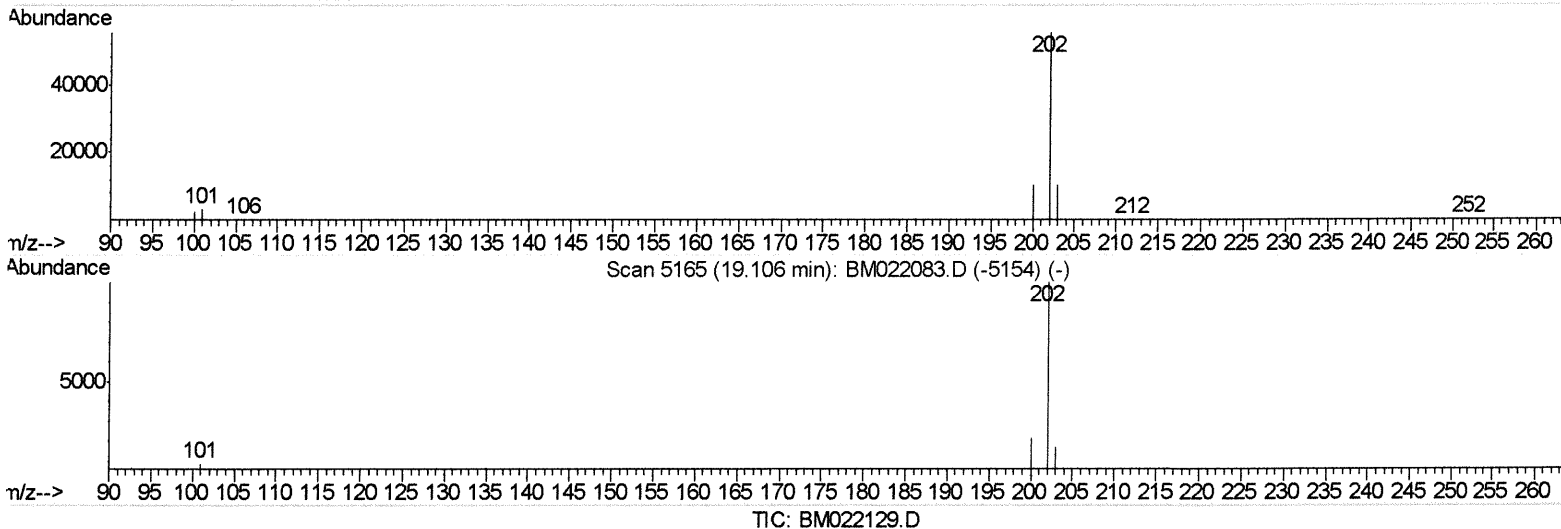
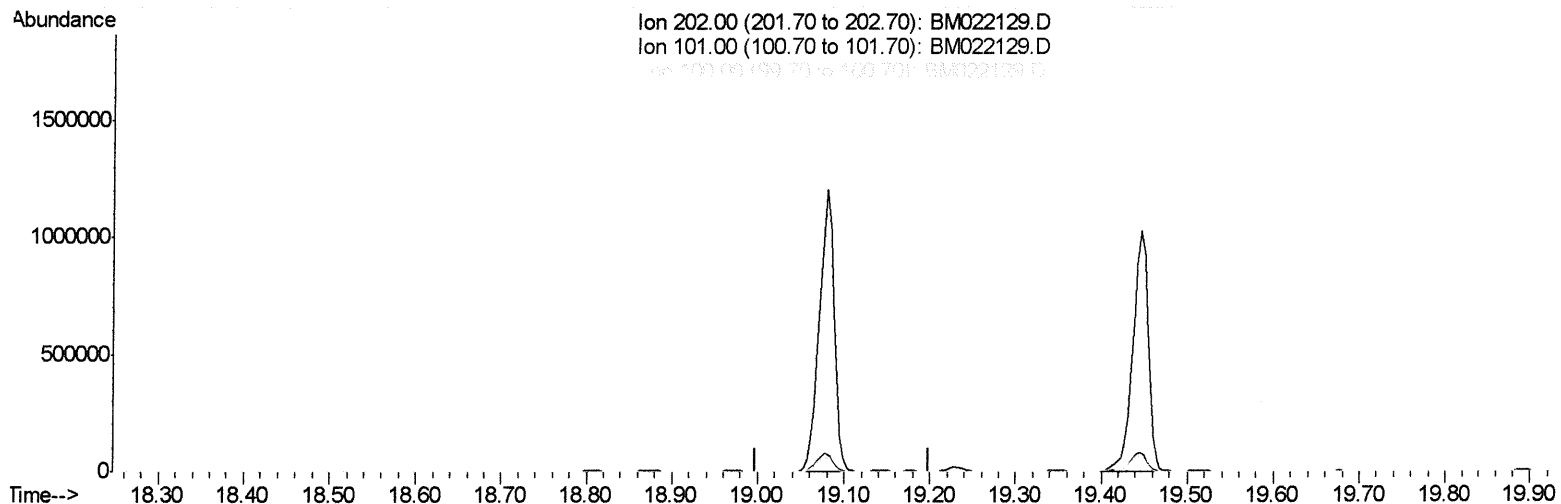
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:40:03 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

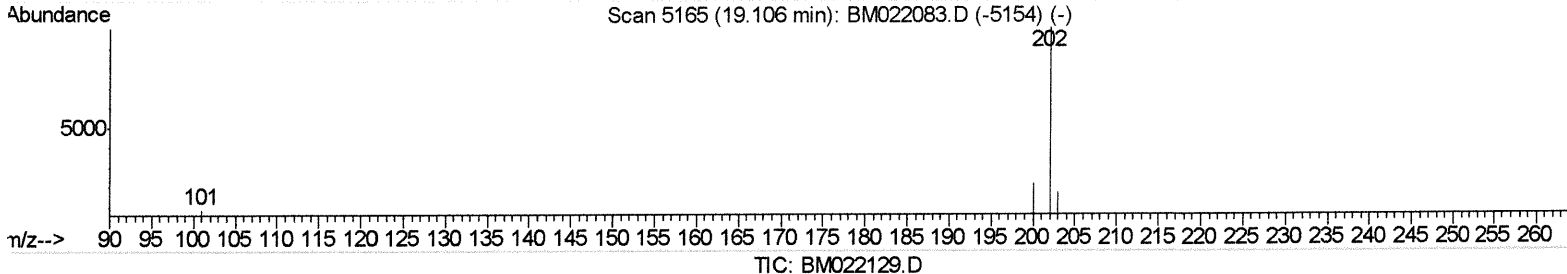
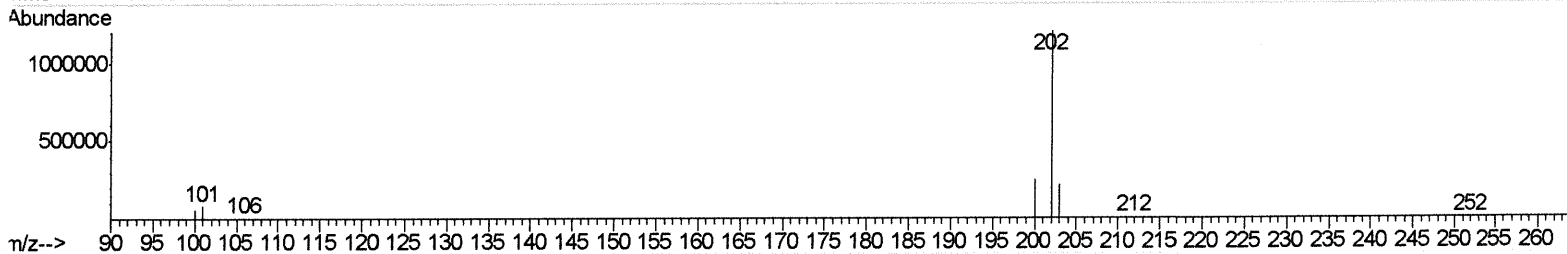
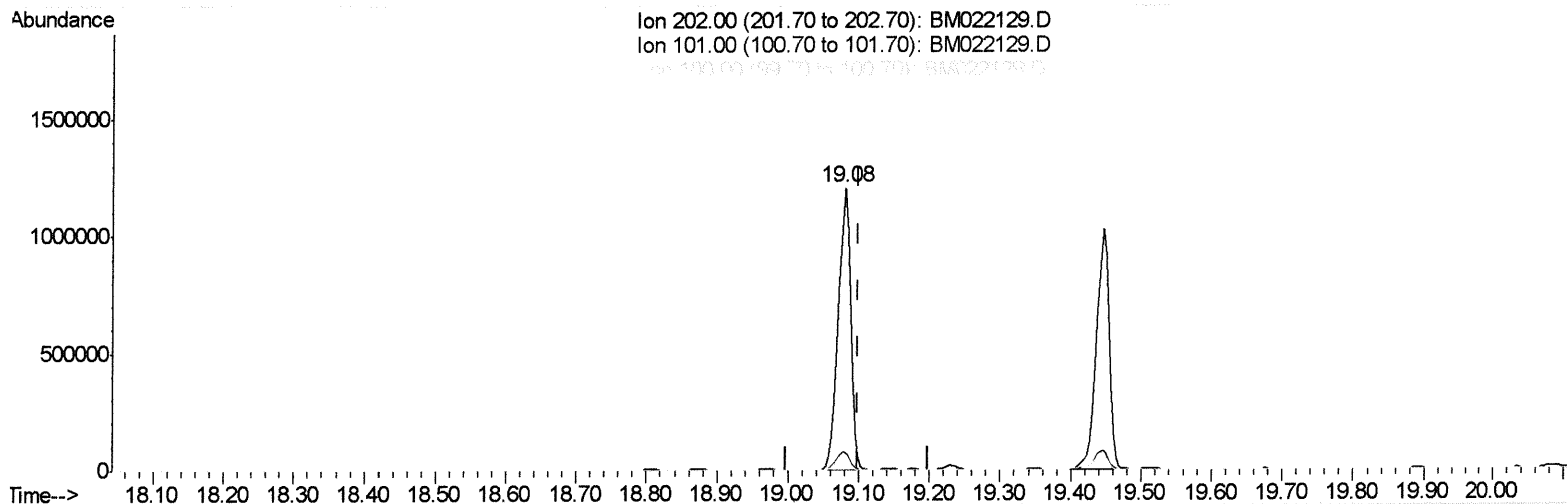
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:40:03 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) 83.79ng/ul m

Ju
 08/15/19

response 1459492

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	6.58
100.00	8.10	5.11
0.00	0.00	0.00

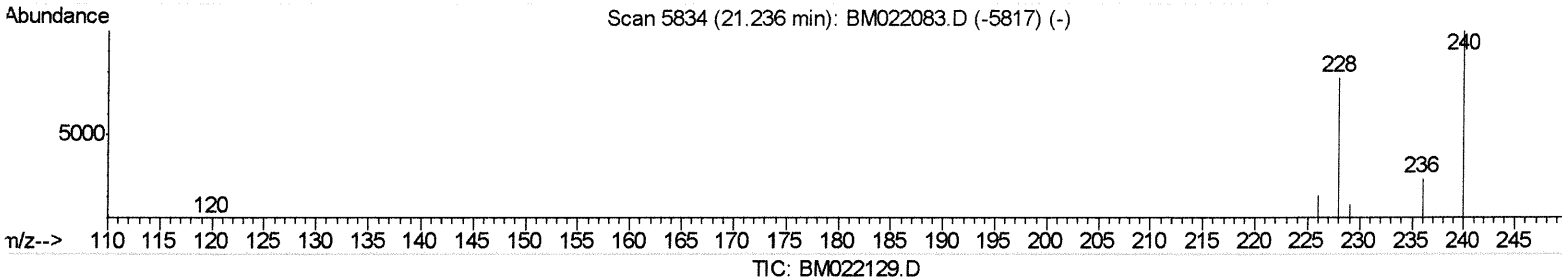
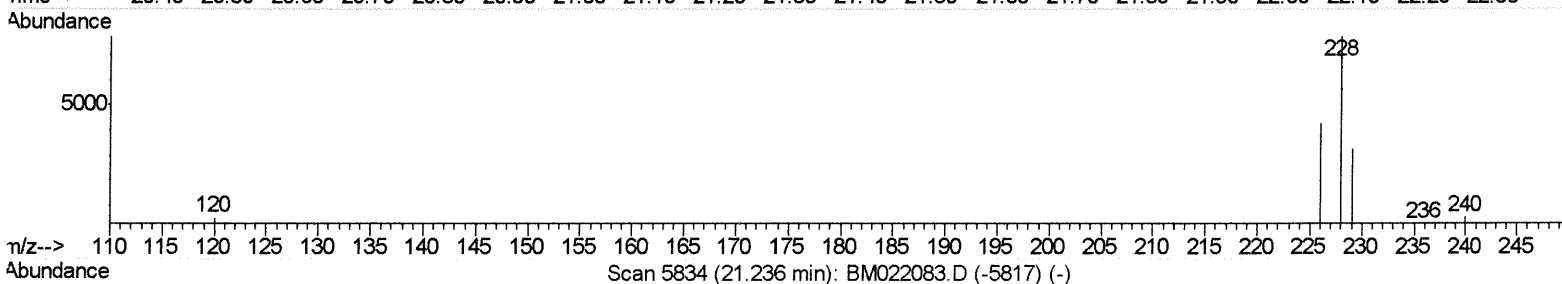
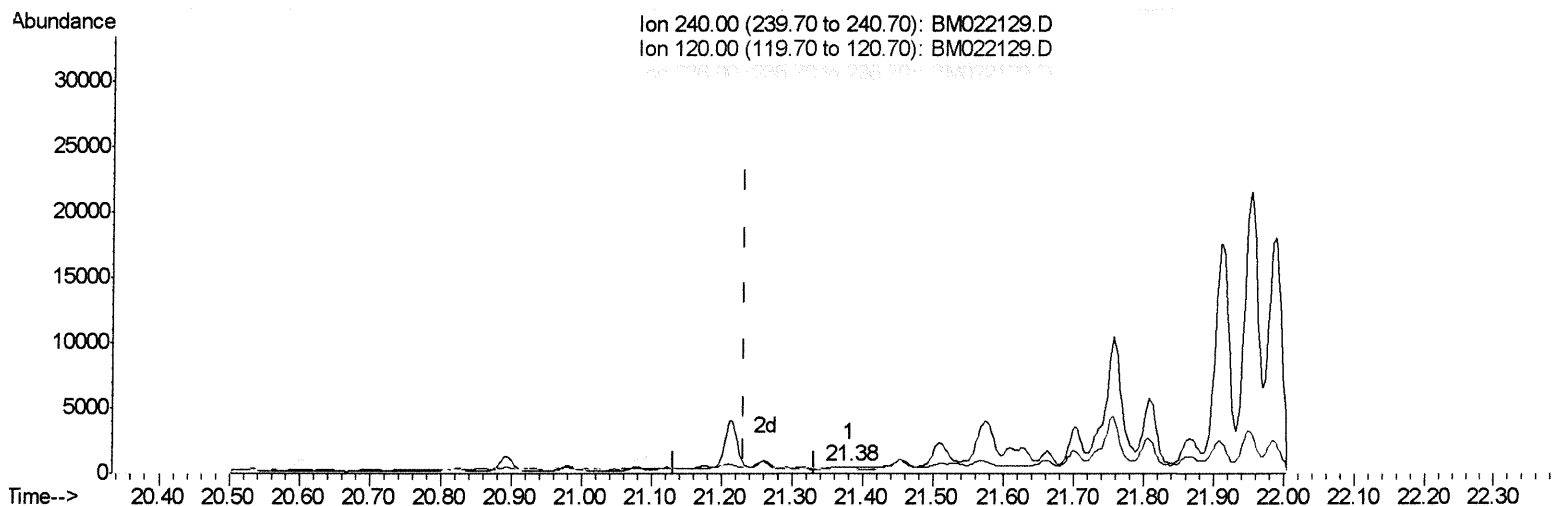
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:40:03 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)

21.381min (+0.150) 0.40ng/ul

response 481

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	97.66#
236.00	32.30	52.93#
0.00	0.00	0.00

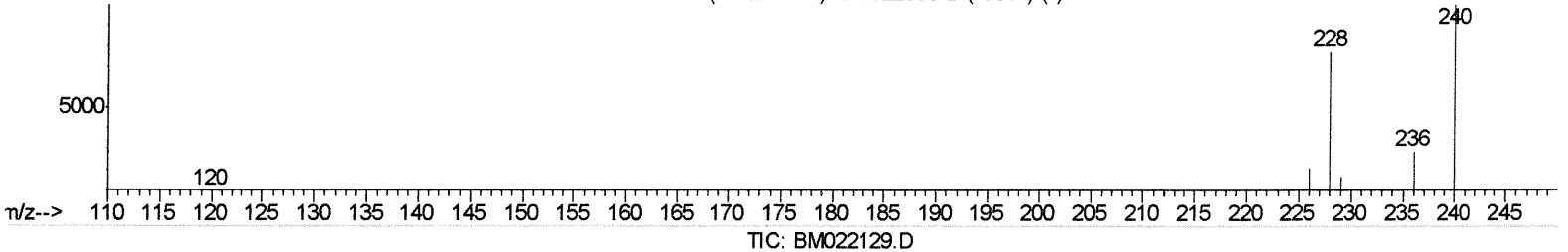
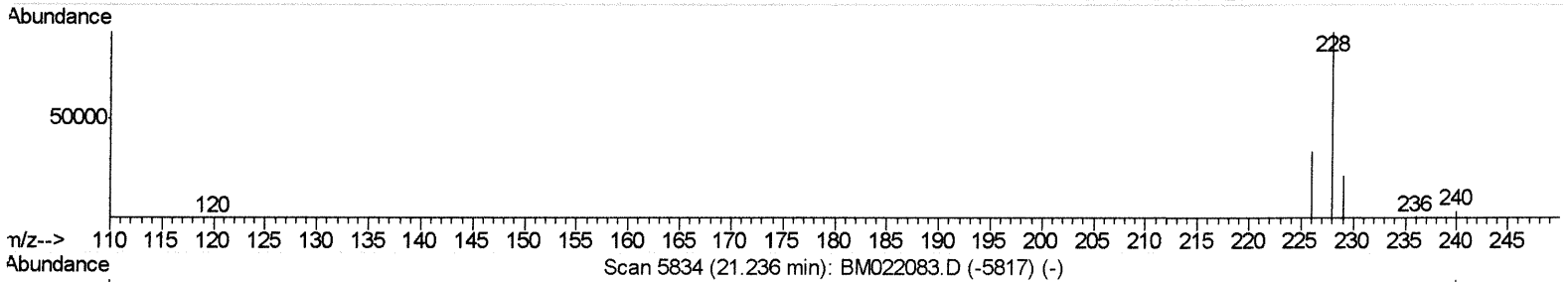
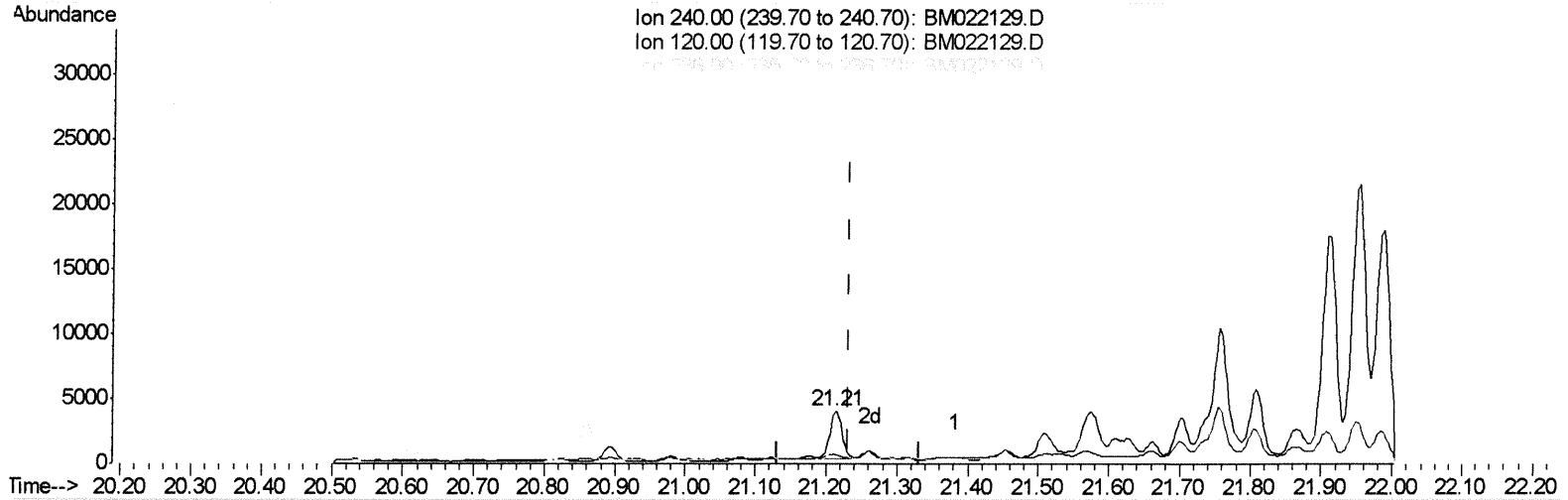
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:40:03 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)

21.212min (-0.019) 0.40ng/ul m

Handwritten signature: JU 08/15/19

response 4551

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	18.09
236.00	32.30	32.36
0.00	0.00	0.00

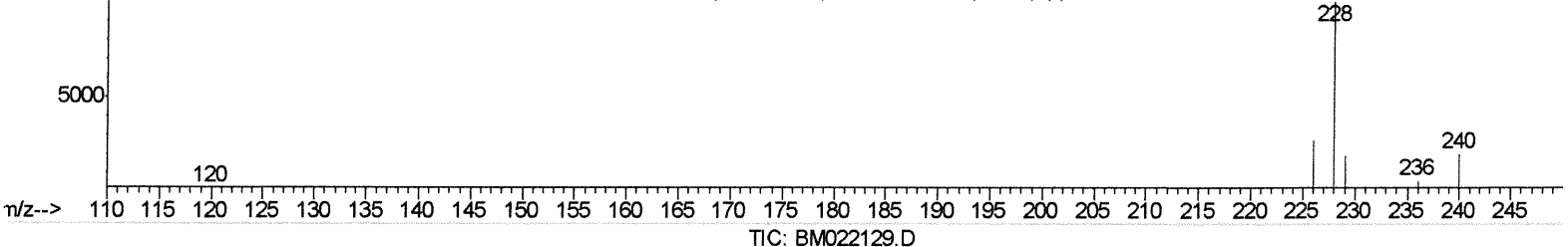
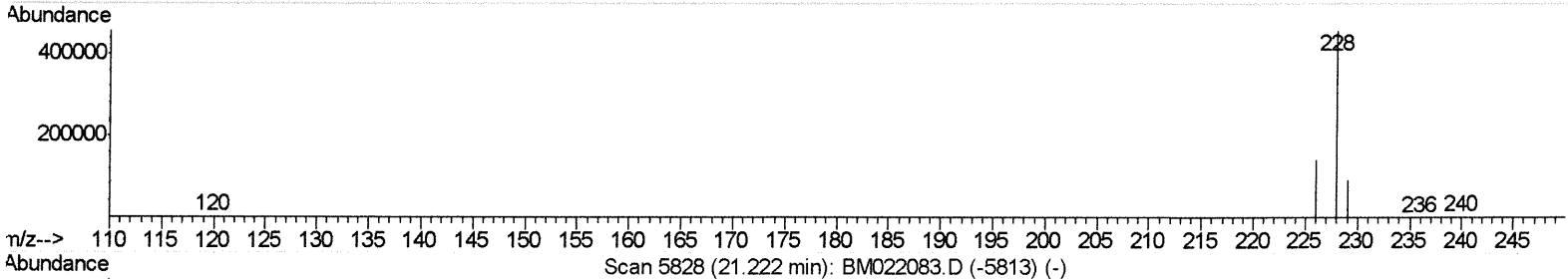
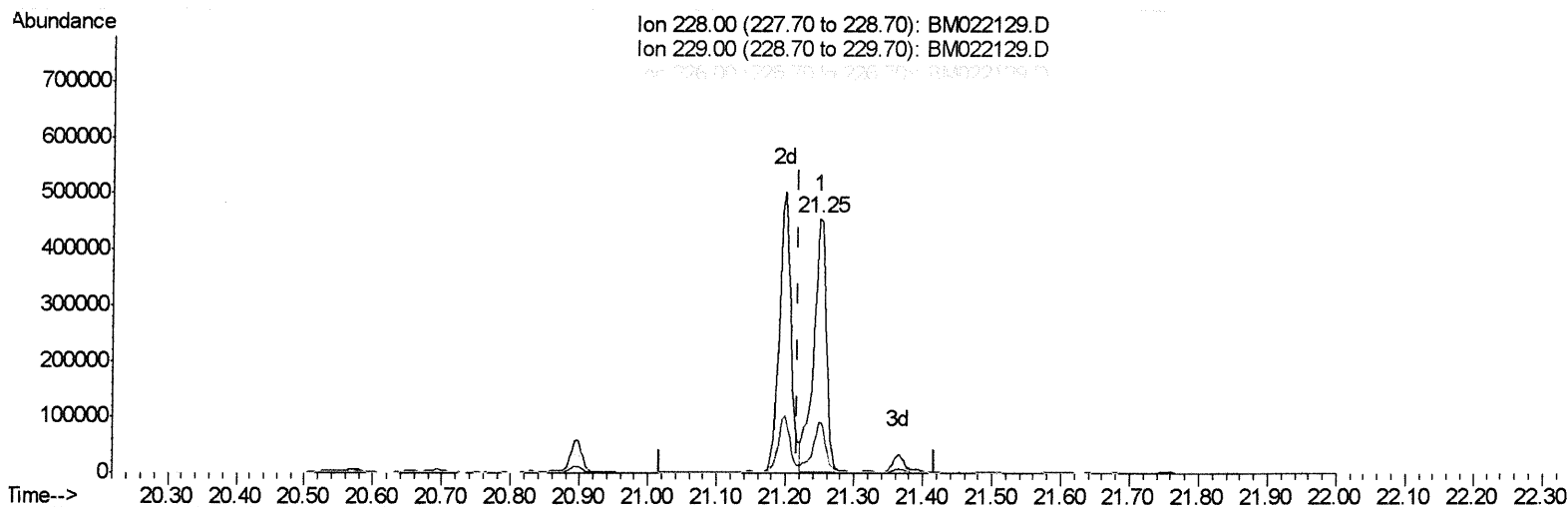
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:41:51 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) 37.04ng/ul

response 602971

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.06
226.00	28.30	31.21
0.00	0.00	0.00

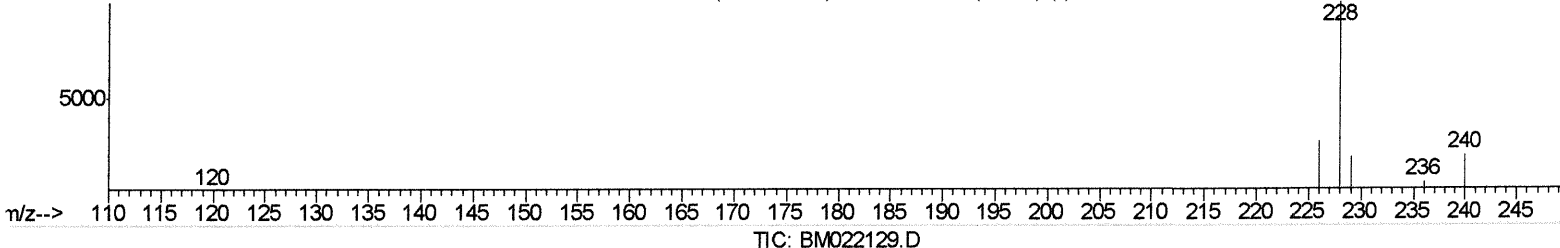
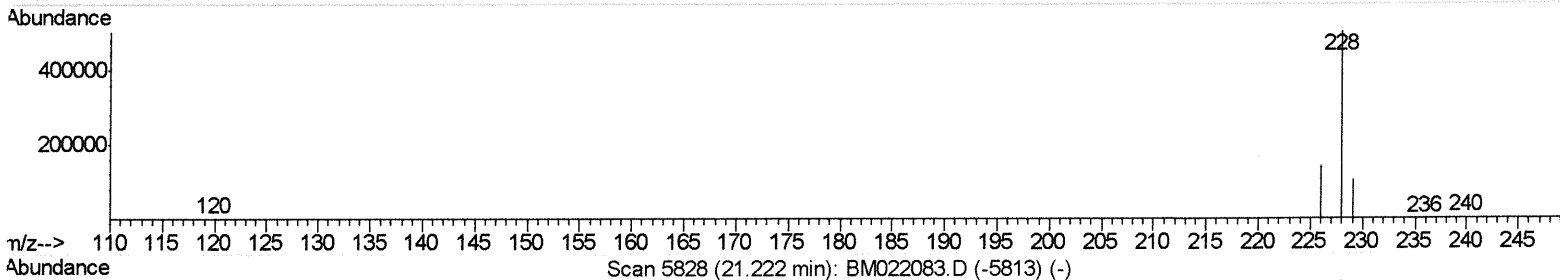
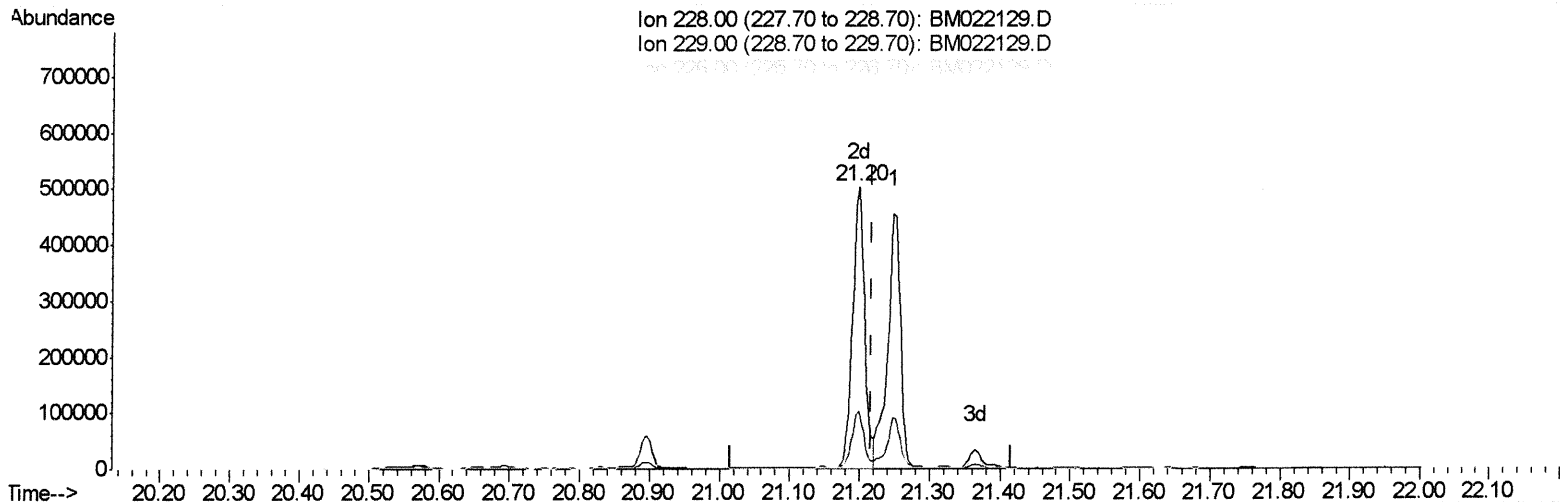
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:41:51 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

21.197min (-0.019) 36.86ng/ul m

JU
 8/15/19

response 600102

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.44
226.00	28.30	28.29
0.00	0.00	0.00

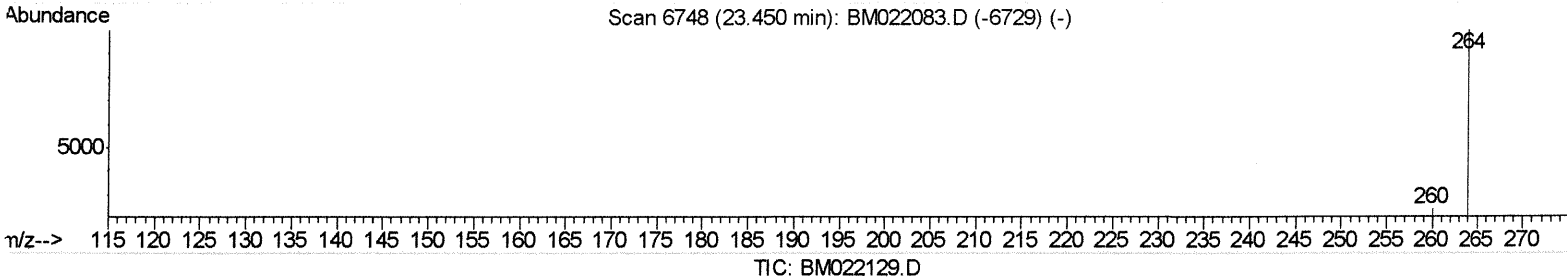
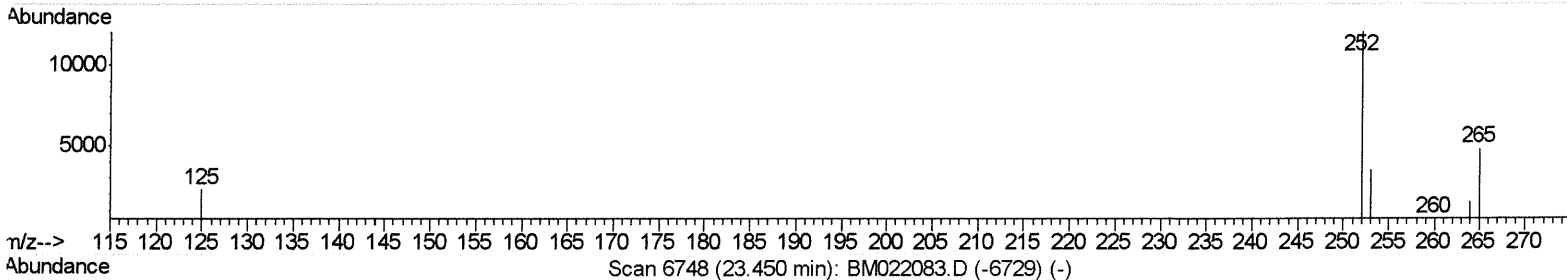
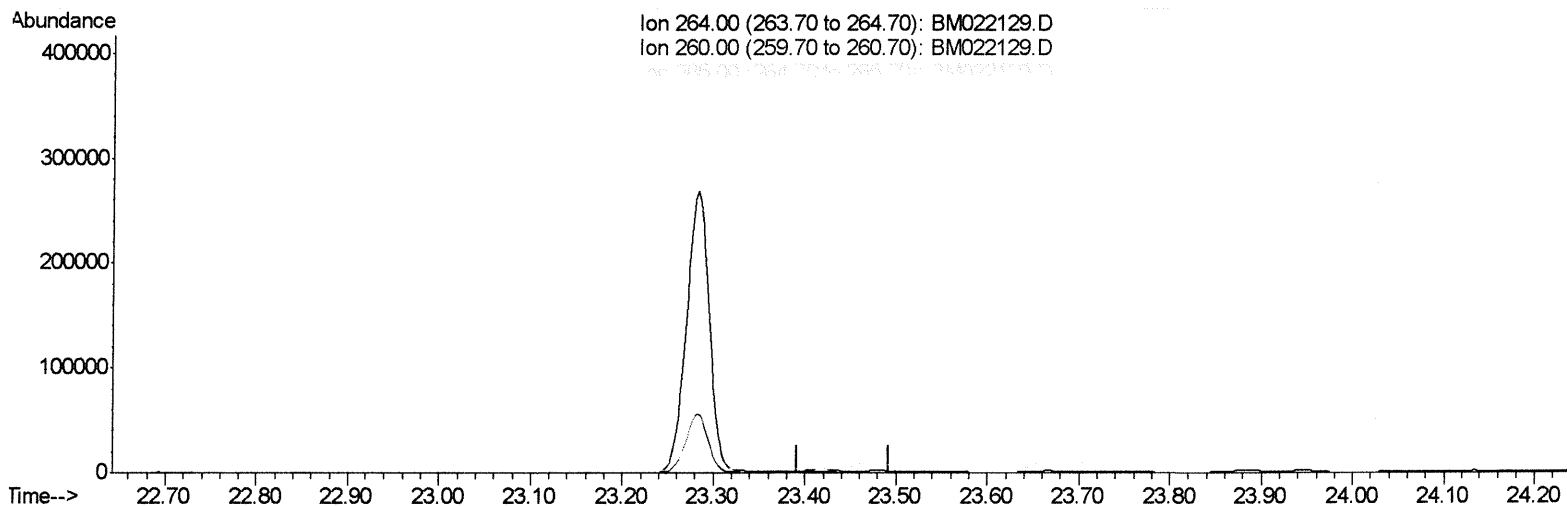
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:41:51 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

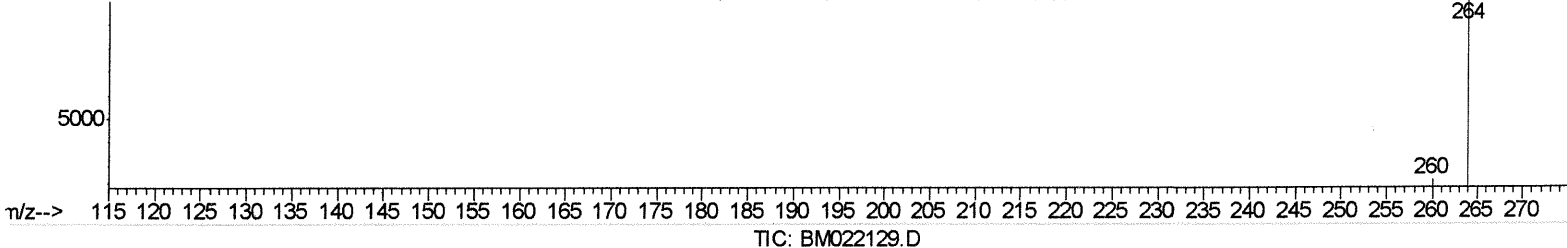
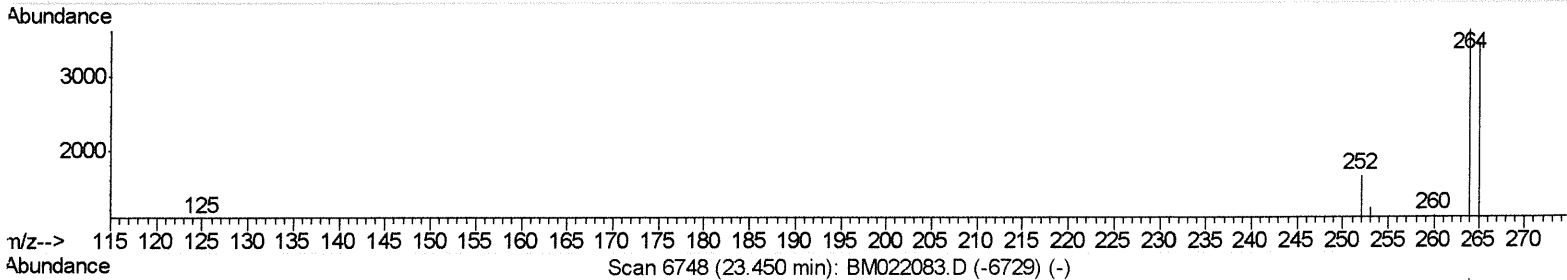
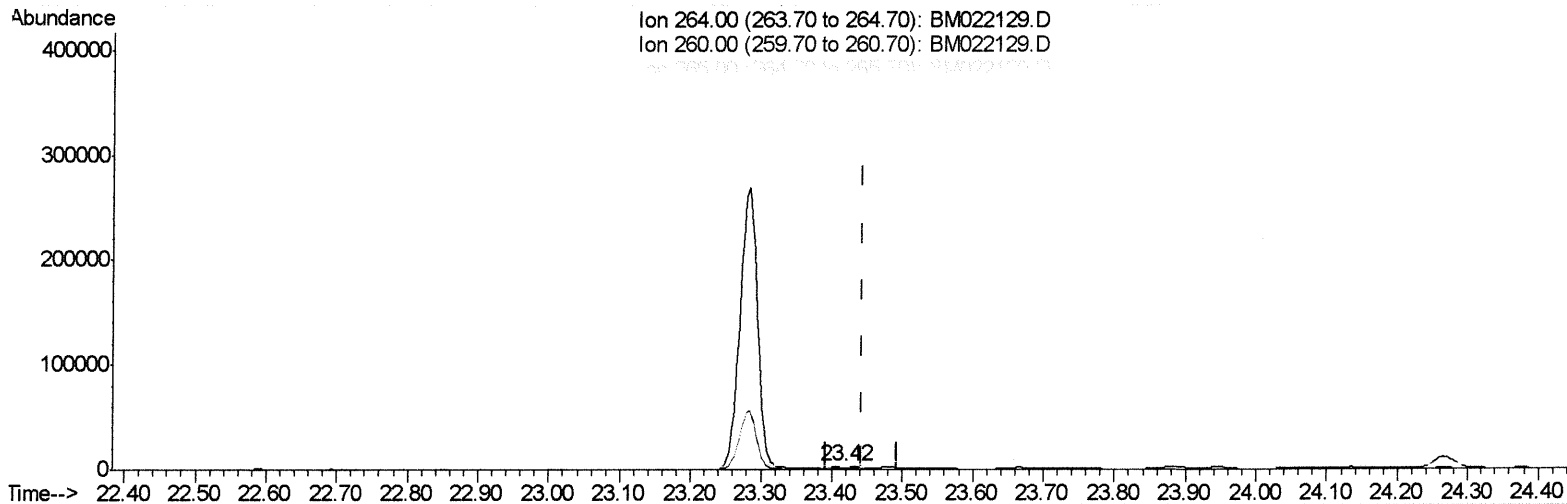
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:41:51 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)

23.418min (-0.024) 0.40ng/ul m

JU
 8/15/19

response 4589

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	30.79
265.00	117.00	95.08
0.00	0.00	0.00

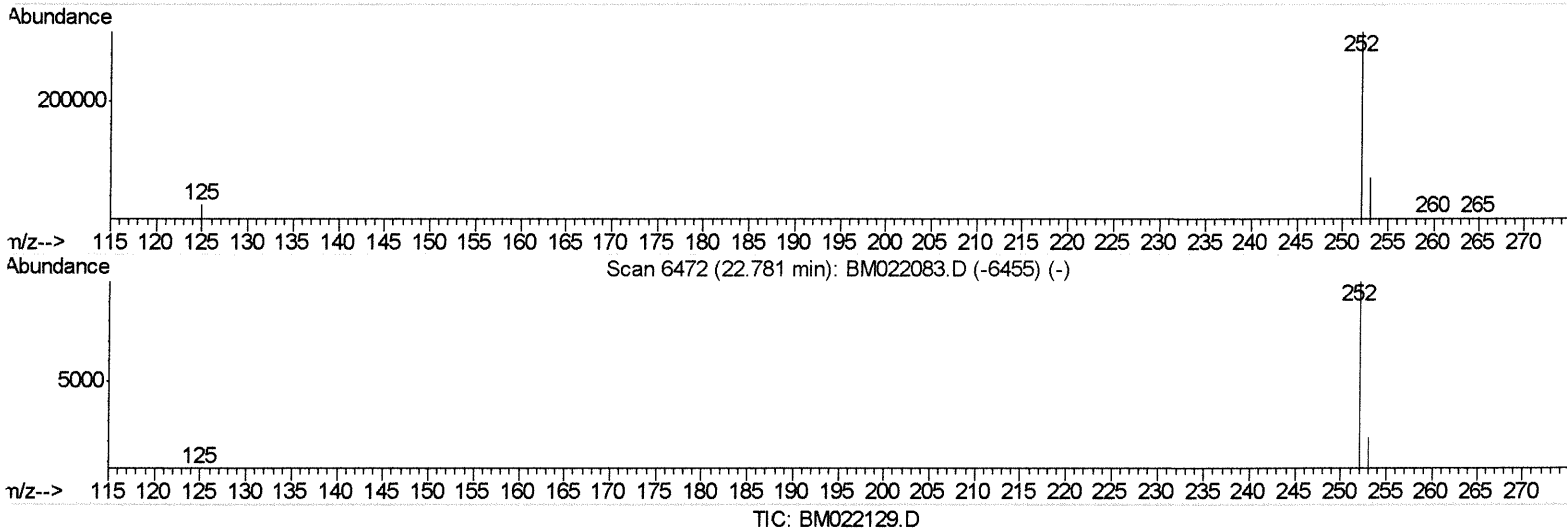
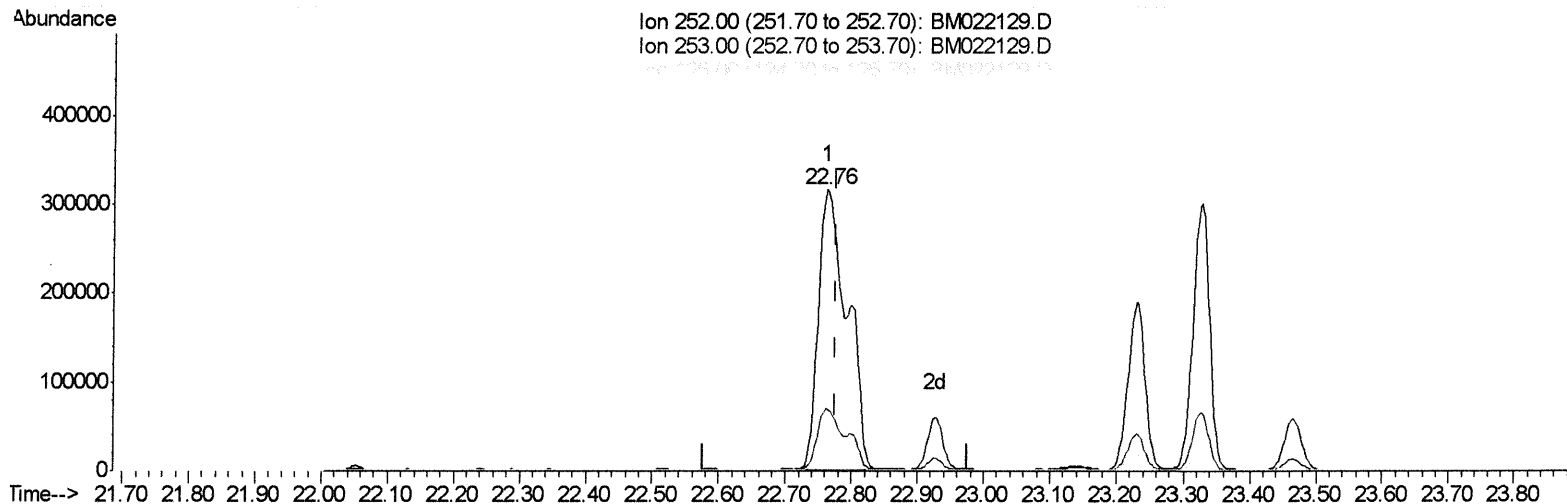
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:42:37 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

22.762min (-0.015) 62.28ng/ul

response 963805

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.16
125.00	15.50	7.43
0.00	0.00	0.00

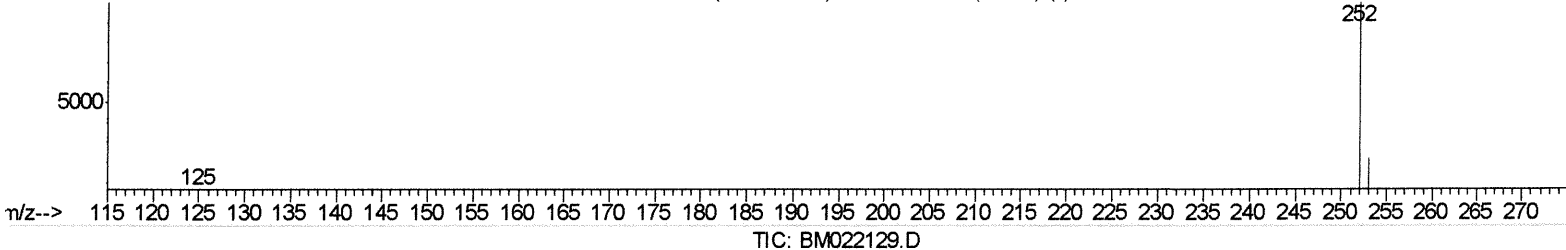
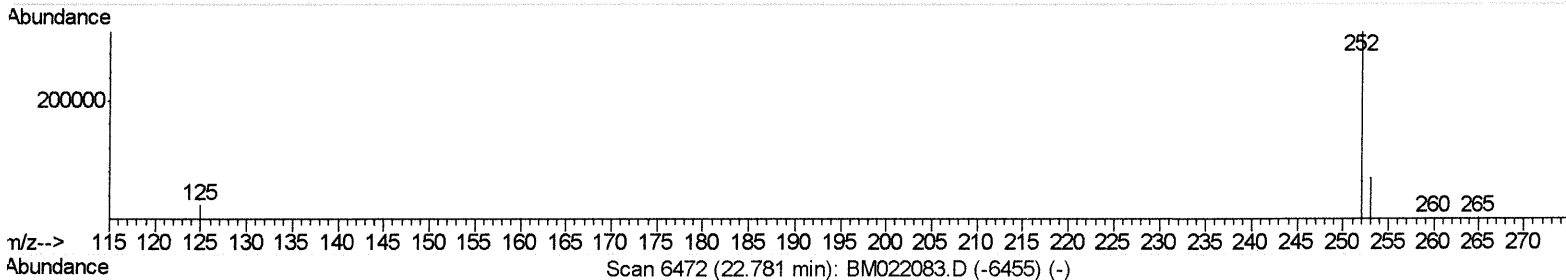
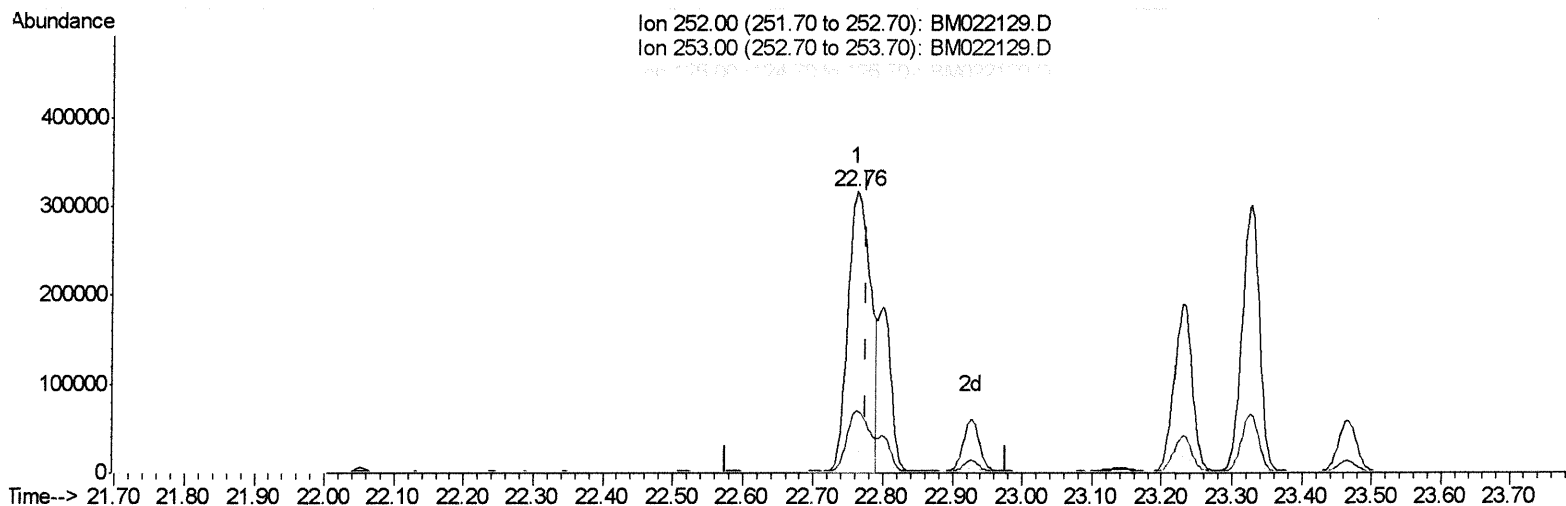
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:42:37 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

22.762min (-0.015) 45.85ng/ul m

JU
 08/15/19

response 709447

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.16
125.00	15.50	7.43
0.00	0.00	0.00

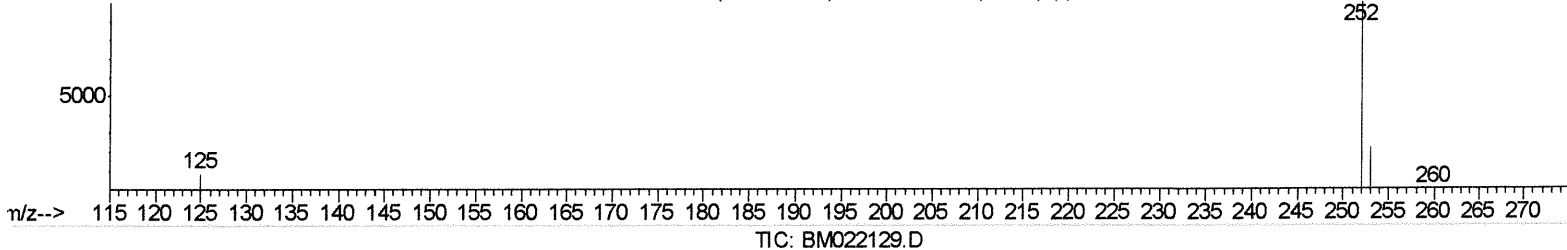
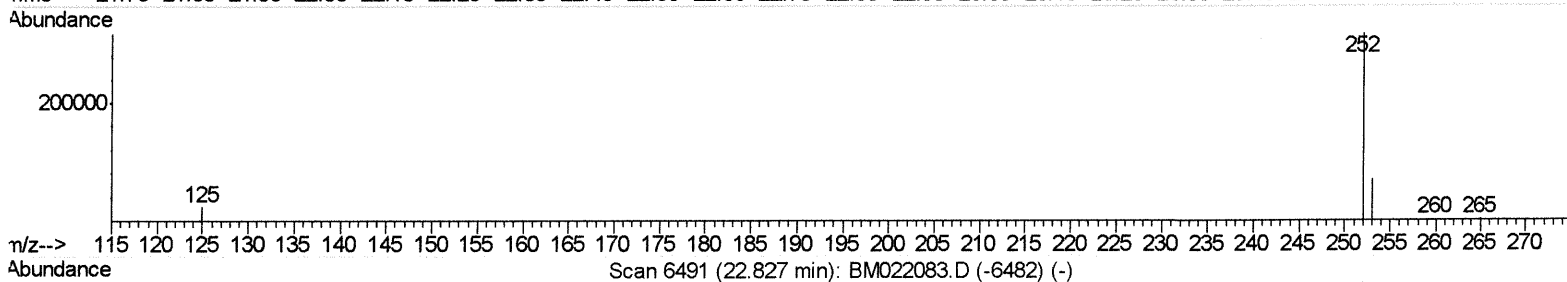
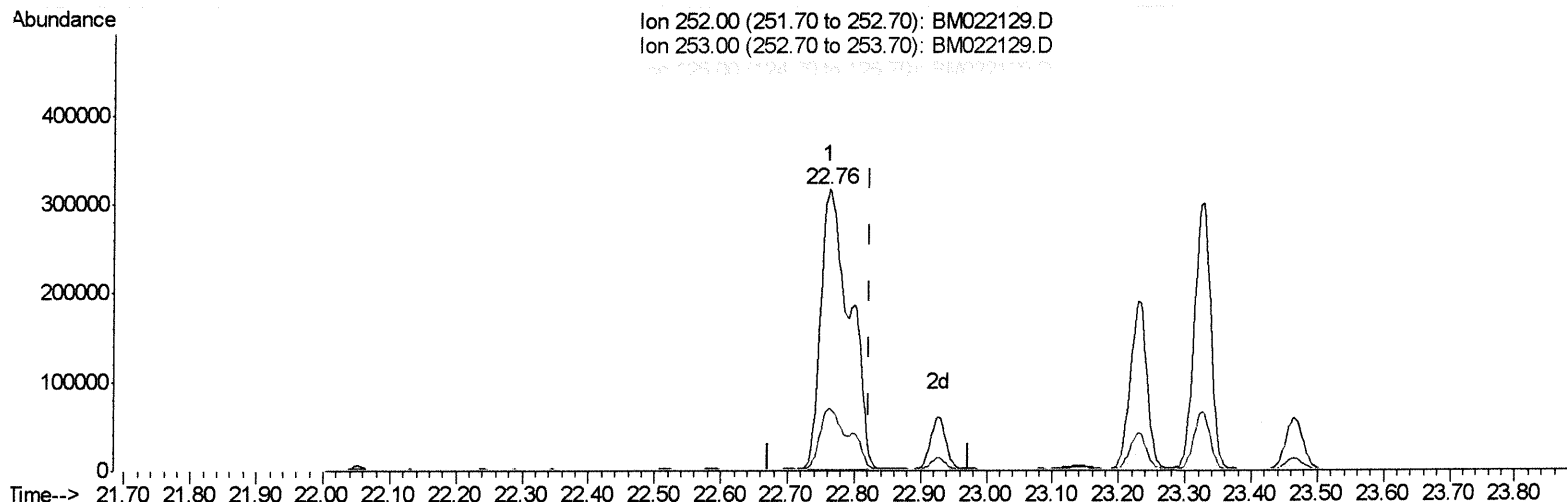
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:42:37 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

22.762min (-0.061) 55.04ng/ul

response 963928

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.16#
125.00	15.20	7.43#
0.00	0.00	0.00

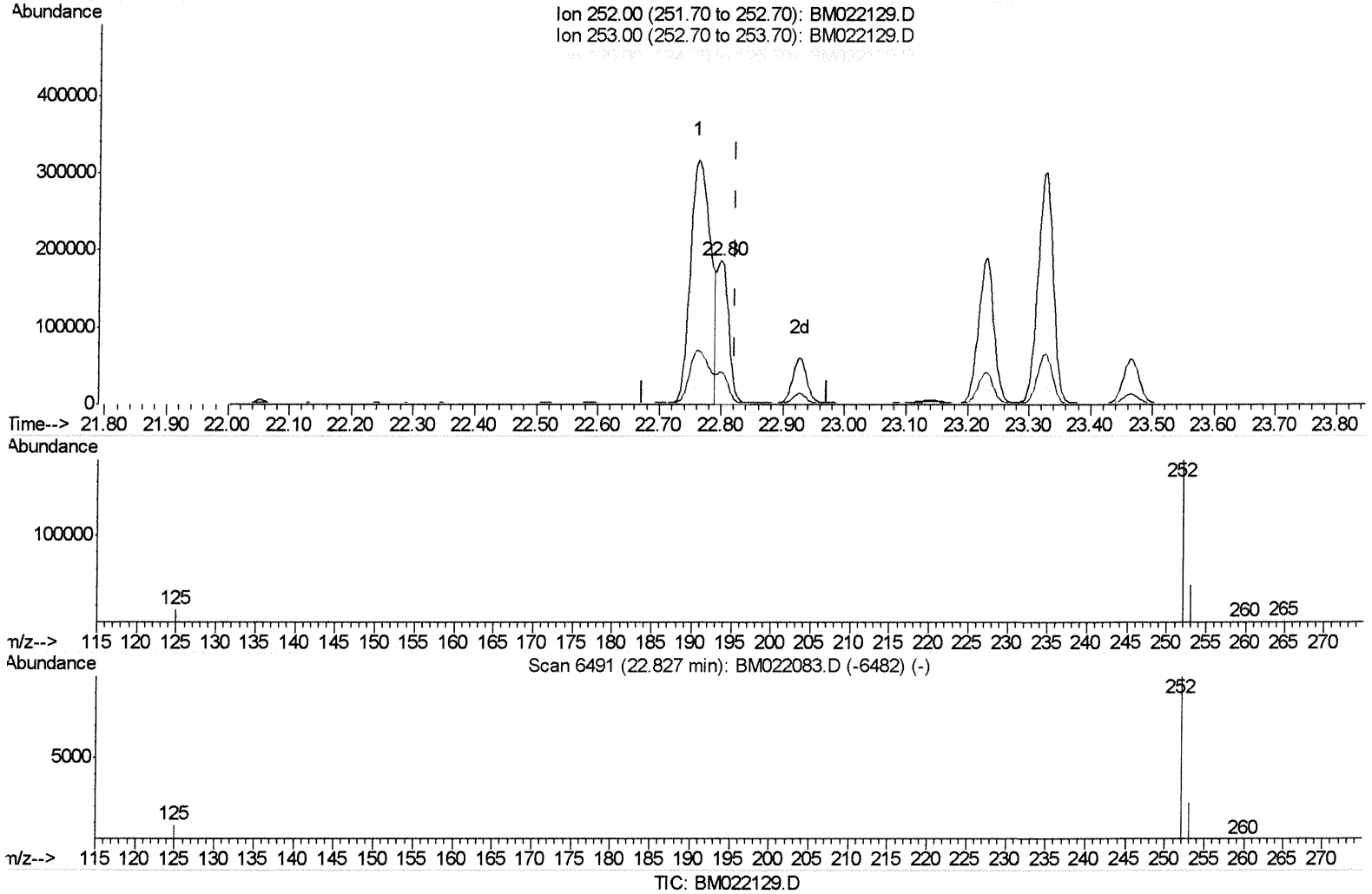
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:42:37 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

22.800min (-0.022) 14.98ng/ul m *JU 08/15/19*

response 262419

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.53#
125.00	15.20	8.02#
0.00	0.00	0.00

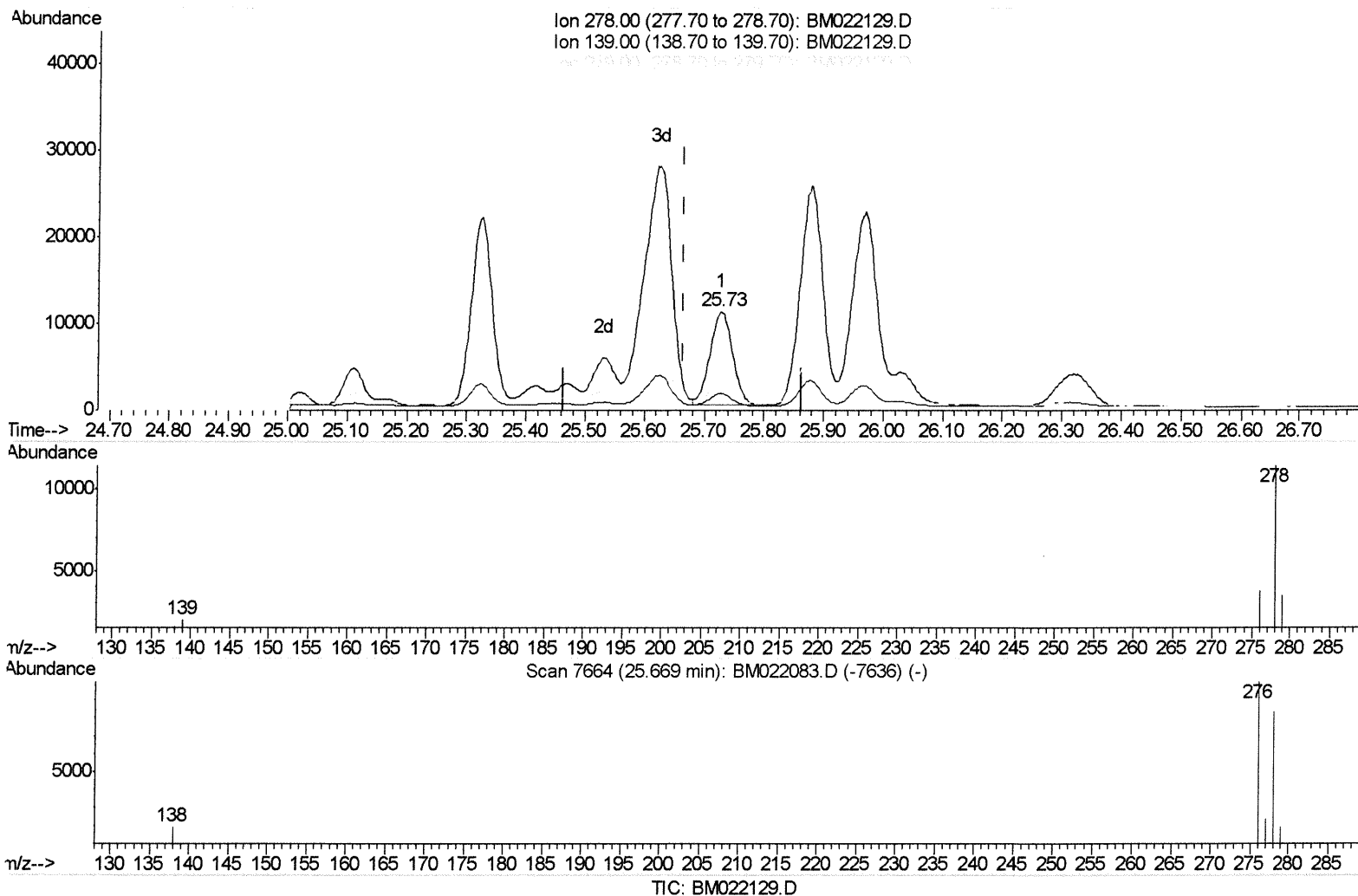
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:42:37 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

25.727min (+0.063) 1.89ng/ul

response 28697

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	17.68
279.00	35.40	30.37
0.00	0.00	0.00

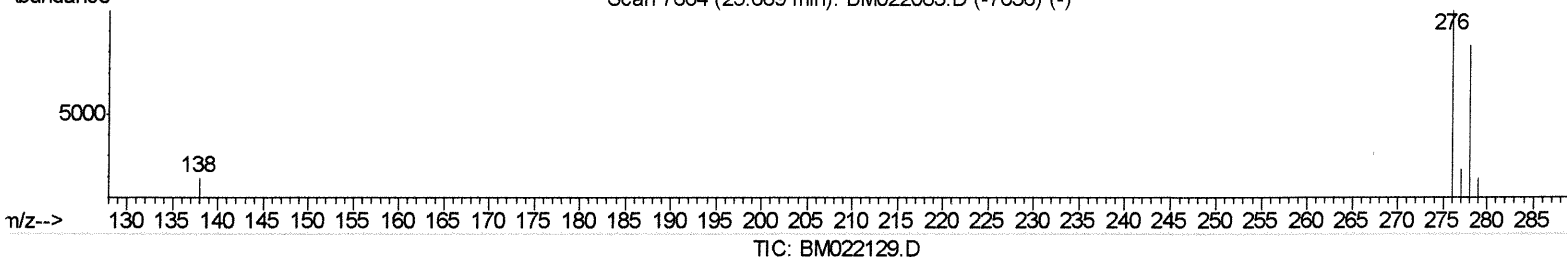
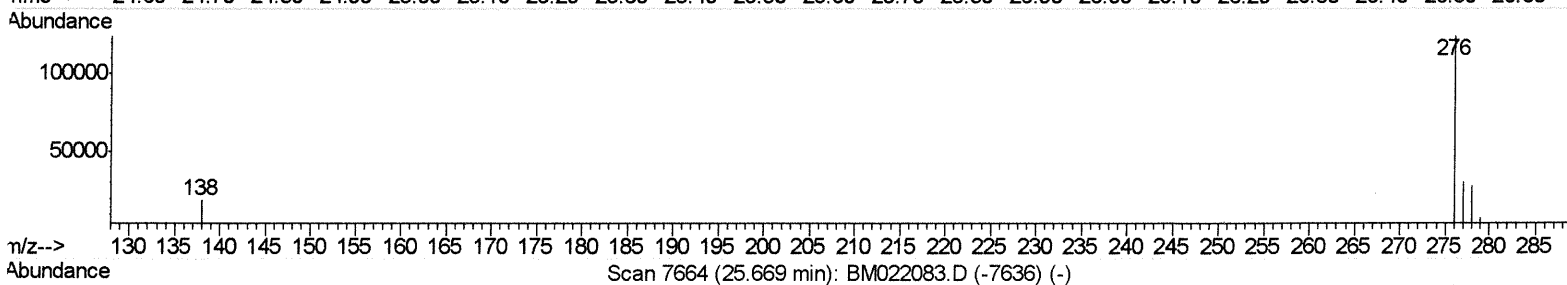
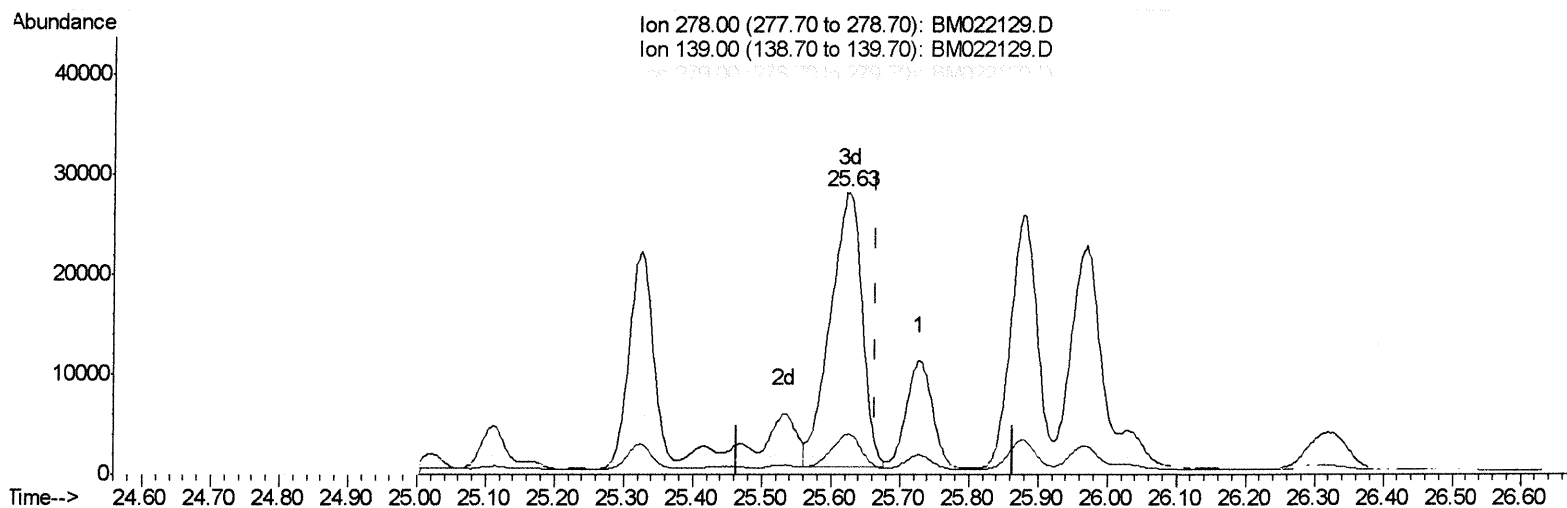
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022129.D
 Acq On : 15 Aug 2019 05:12
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:42:37 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

25.625min (-0.039) 5.79ng/ul m

JU
 08/15/19

response 88001

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	14.42
279.00	35.40	24.88#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022129.D
Acq On : 15 Aug 2019 05:12
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB5P1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:43:39 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	941	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3846	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	2318	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4469m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4551m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4589m	0.40	ng/ul	-0.02

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.97	152	2471	0.39	ng/ul	-0.04
14) Fluoranthene-d10	19.05	212	6322m	0.42	ng/ul	-0.02

Target Compounds

					Qvalue
3) Naphthalene	10.42	128	77618	7.145	ng/ul# 91
5) 2-Methylnaphthalene	12.04	142	39193	5.415	ng/ul 97
7) Acenaphthylene	13.97	152	45698	4.227	ng/ul# 81
8) Acenaphthene	14.31	153	54179	6.125	ng/ul 96
9) Fluorene	15.31	166	85991	8.753	ng/ul 97
12) Phenanthrene	17.05	178	1157337m	89.003	ng/ul# 94
13) Anthracene	17.14	178	152692m	13.766	ng/ul# 97
15) Fluoranthene	19.08	202	1459492m	83.789	ng/ul# 94
17) Pyrene	19.45	202	1278961	68.388	ng/ul# 94
18) Benzo(a)anthracene	21.20	228	600102m	36.864	ng/ul# 97
19) Chrysene	21.25	228	583791	27.885	ng/ul 99
21) Benzo(b)fluoranthene	22.76	252	709447m	45.845	ng/ul# 97
22) Benzo(k)fluoranthene	22.80	252	262419m	14.985	ng/ul# 97
23) Benzo(a)pyrene	23.33	252	515939	32.785	ng/ul# 73
24) Indeno(1,2,3-cd)pyrene	25.62	276	316468	16.842	ng/ul# 92
25) Dibenzo(a,h)anthracene	25.63	278	88001m	5.794	ng/ul# 97
26) Benzo(g,h,i)perylene	26.30	276	267932	15.838	ng/ul 94

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