

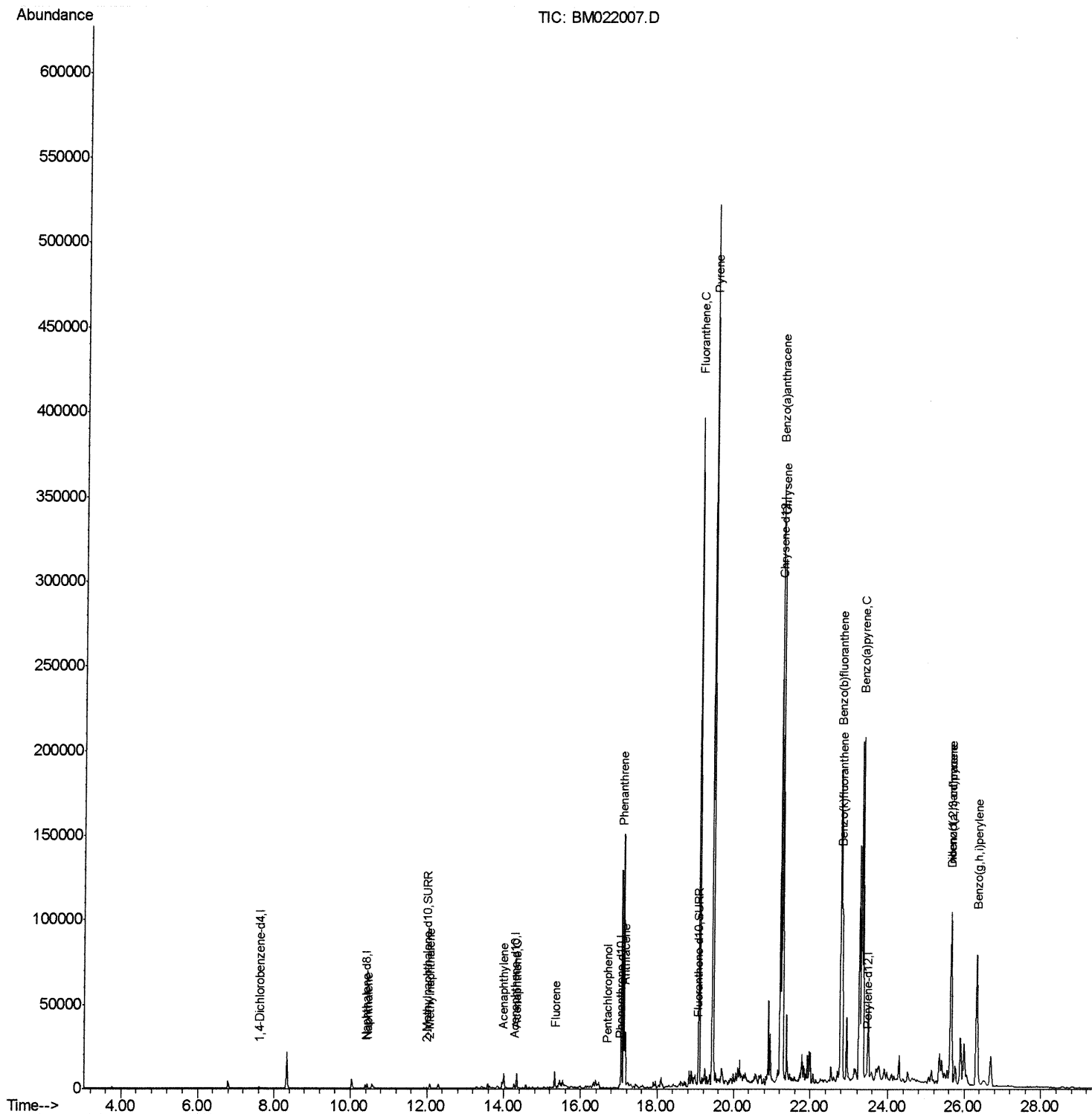
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:58:43 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

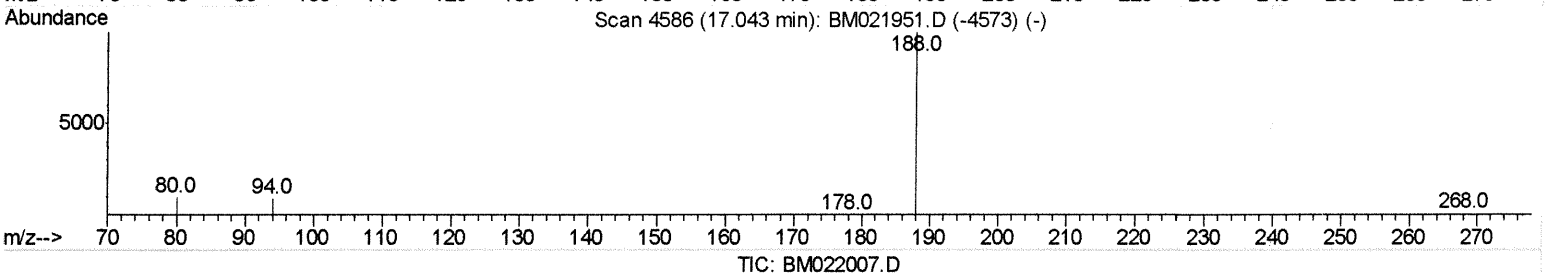
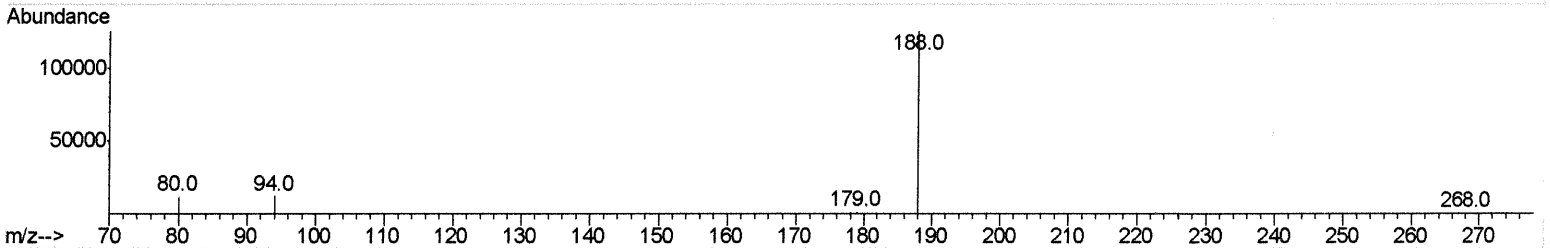
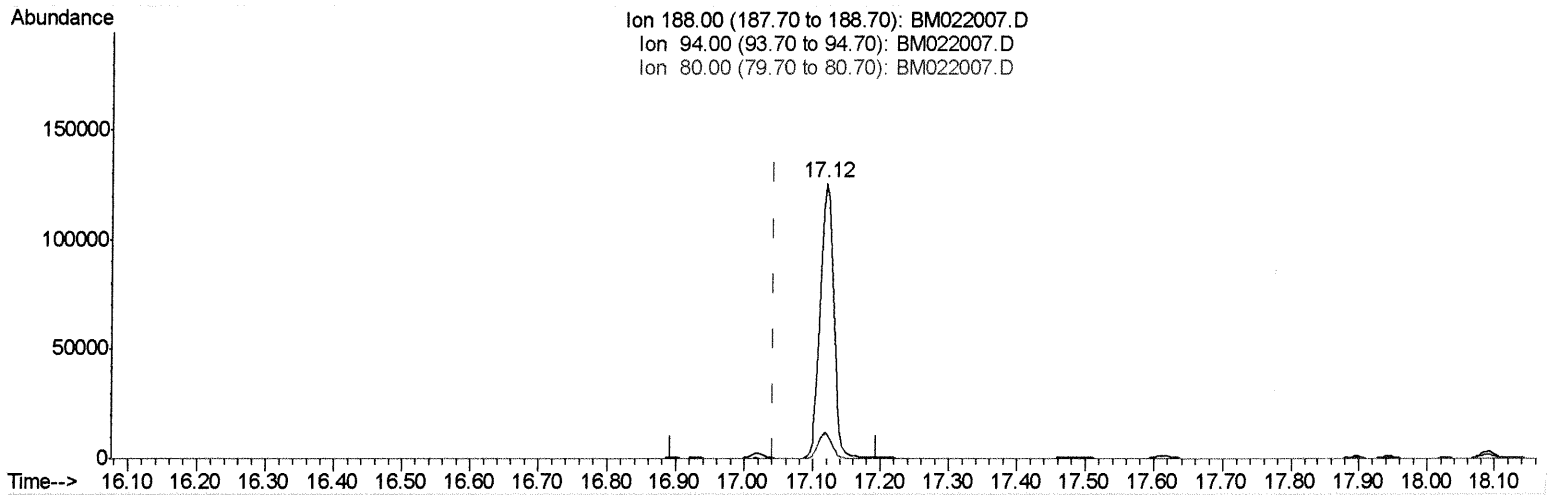
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:46:47 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.119min (+0.075) 0.40ng/ul

response 168472

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.48
80.00	11.40	8.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

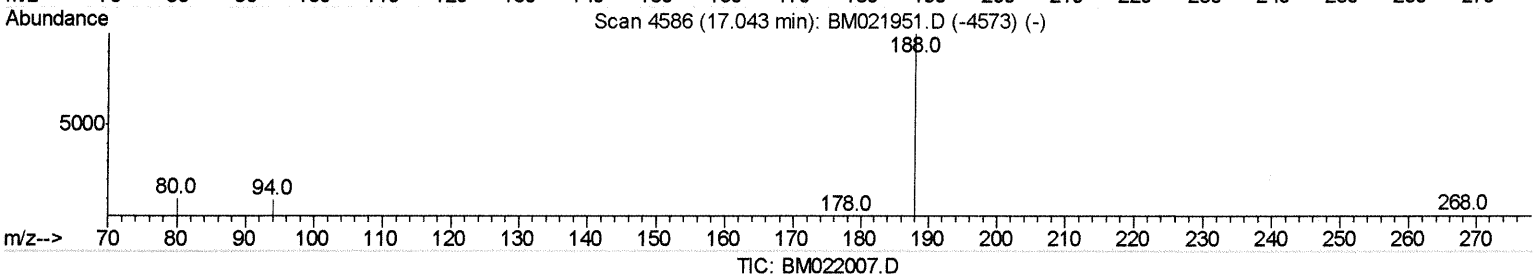
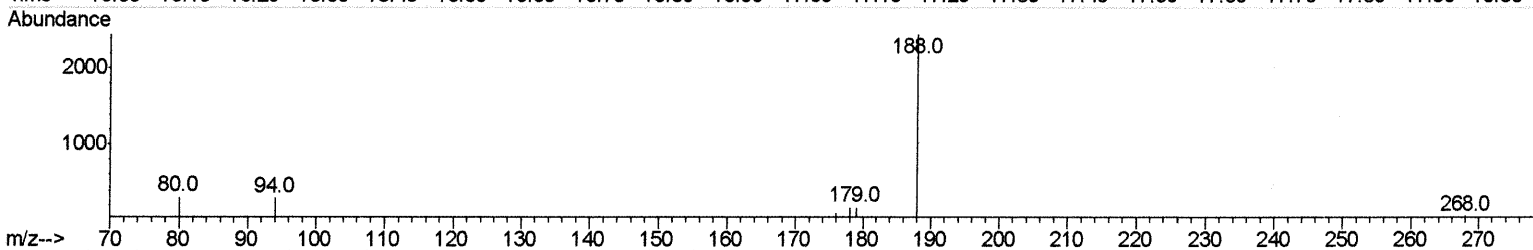
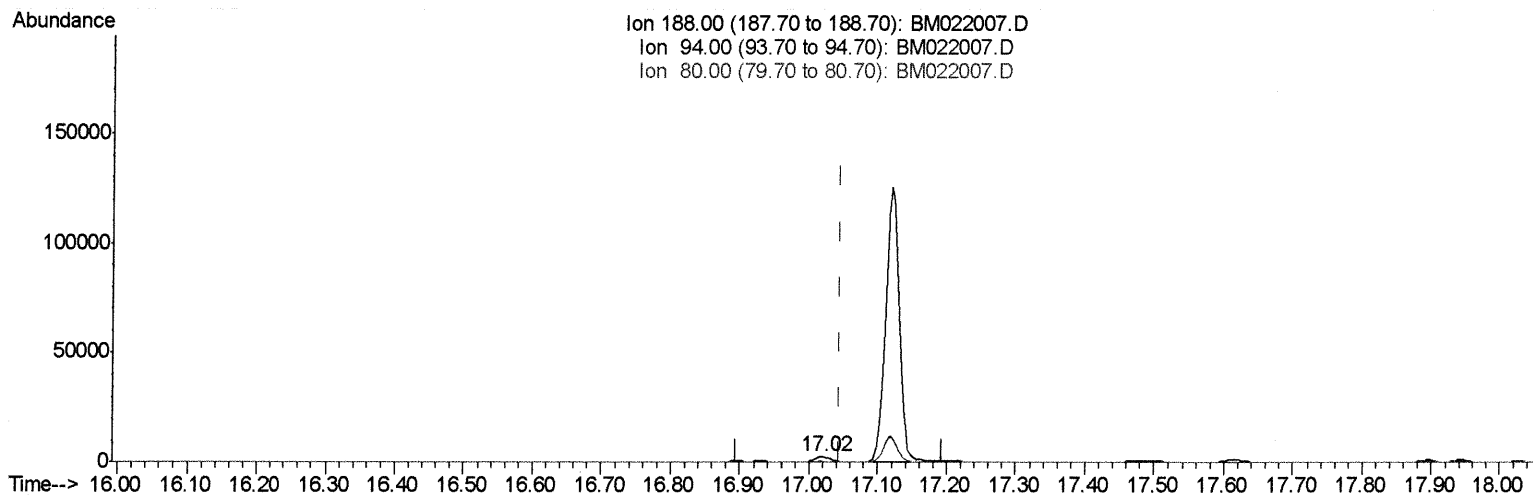
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:46:47 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.022min (-0.023) 0.40ng/ul m

JU
 08/12/19

response 3660

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.01
80.00	11.40	12.18
0.00	0.00	0.00

Quantitation Report (Qedit)

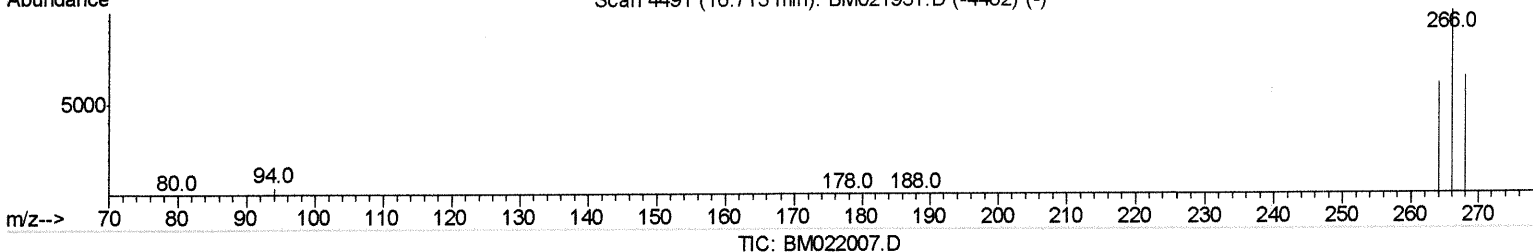
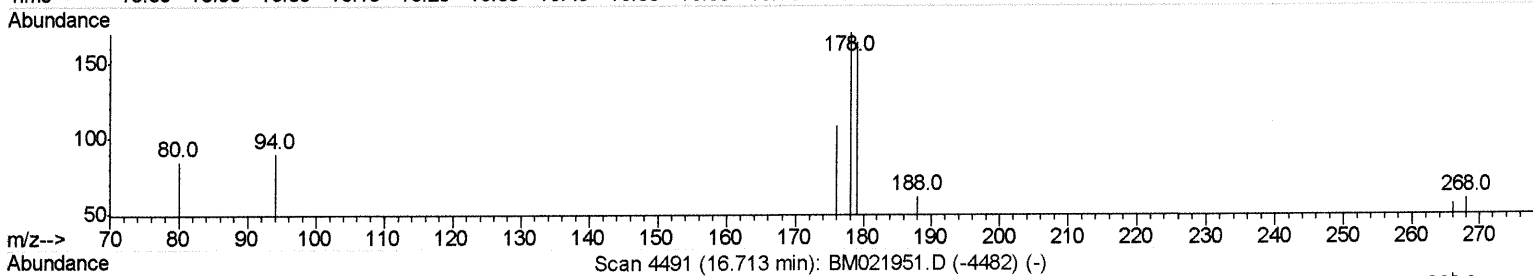
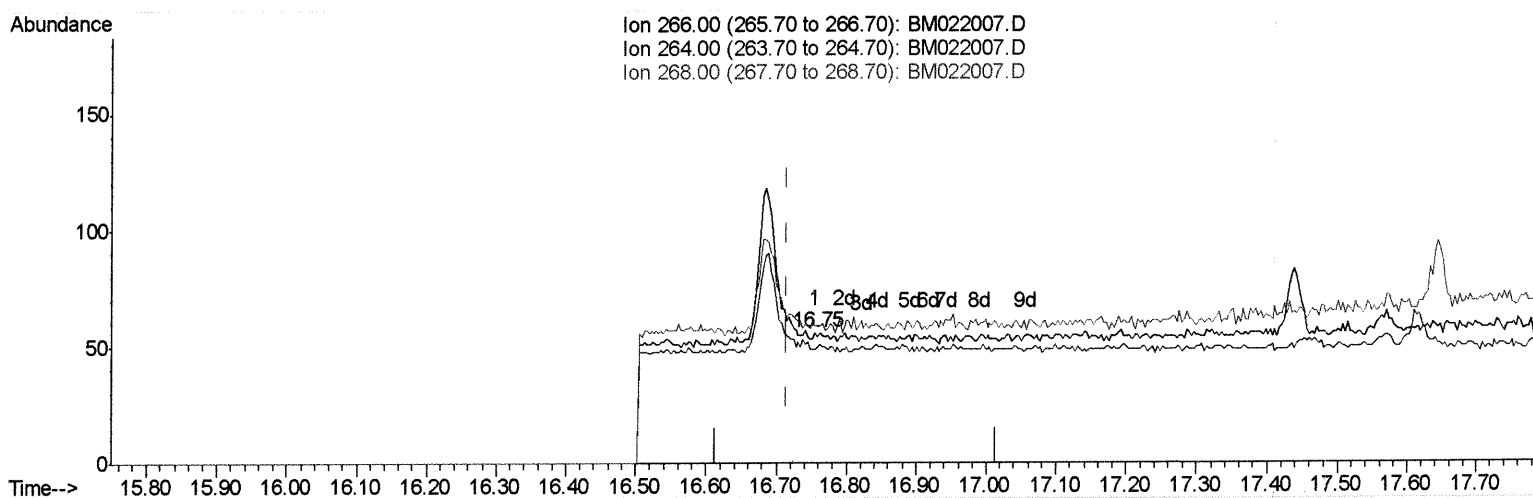
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(11) Pentachlorophenol

16.755min (+0.040) 0.01ng/ul

response 5

Ion	Exp%	Act%
266.00	100	100
264.00	67.70	60.00
268.00	72.00	60.00
0.00	0.00	0.00

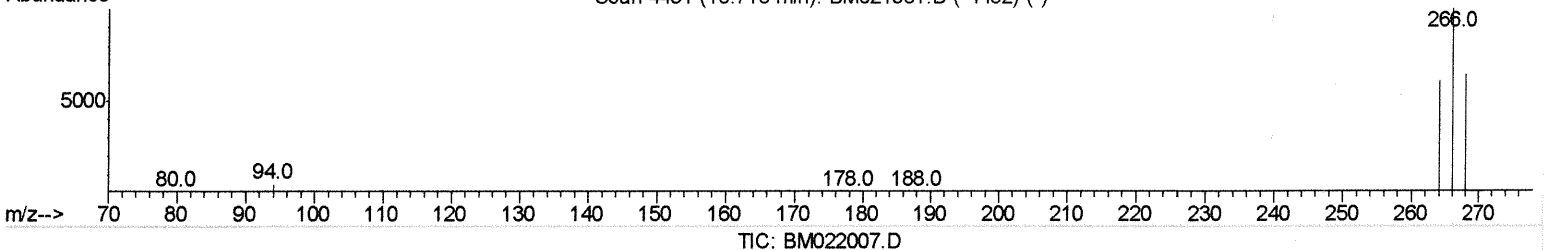
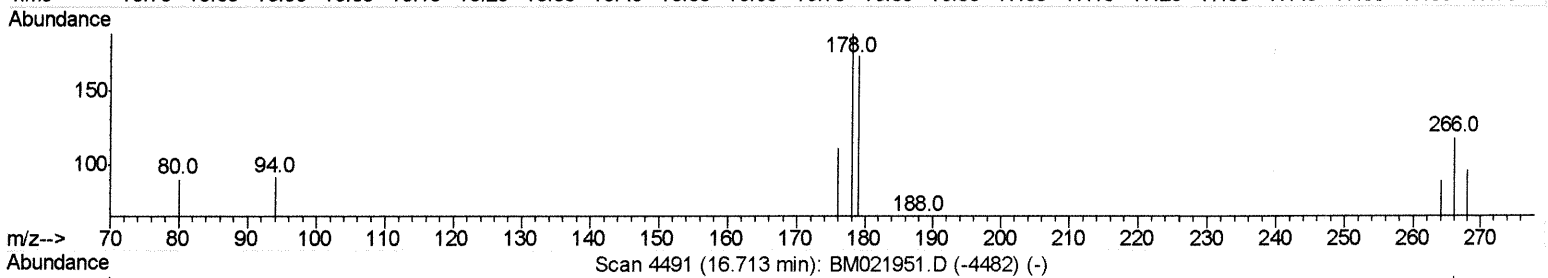
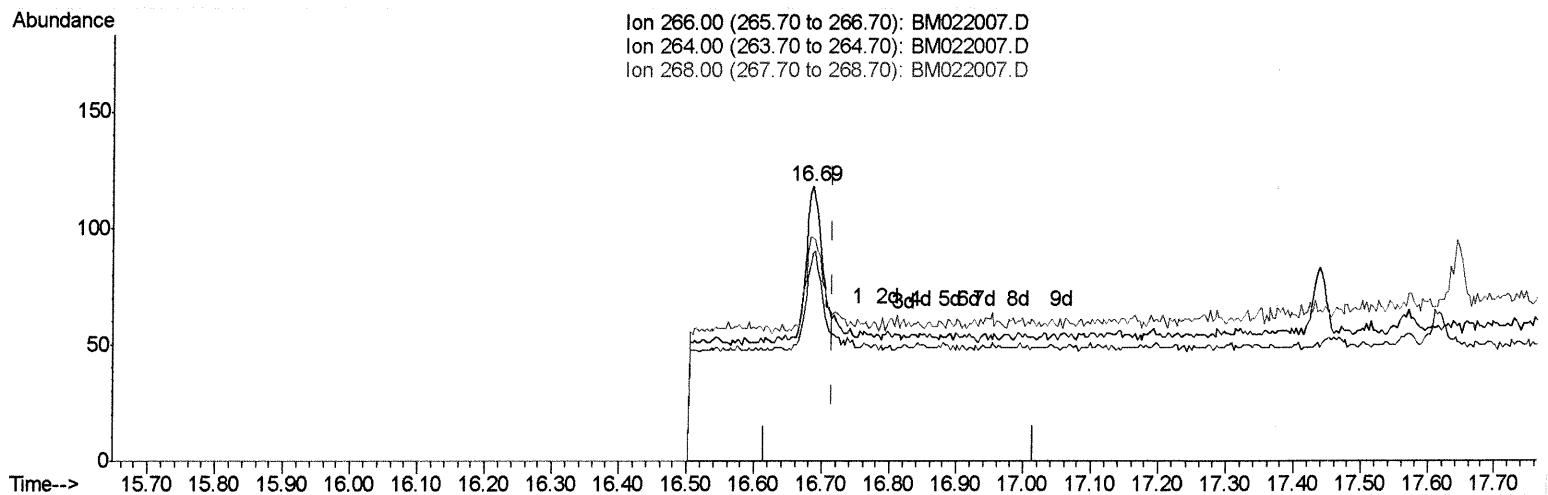
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(11) Pentachlorophenol

16.685min (-0.029) 0.17ng/ul m *JU* 08/12/19

response 118

Ion	Exp%	Act%
266.00	100	100
264.00	67.70	2.54#
268.00	72.00	2.54#
0.00	0.00	0.00

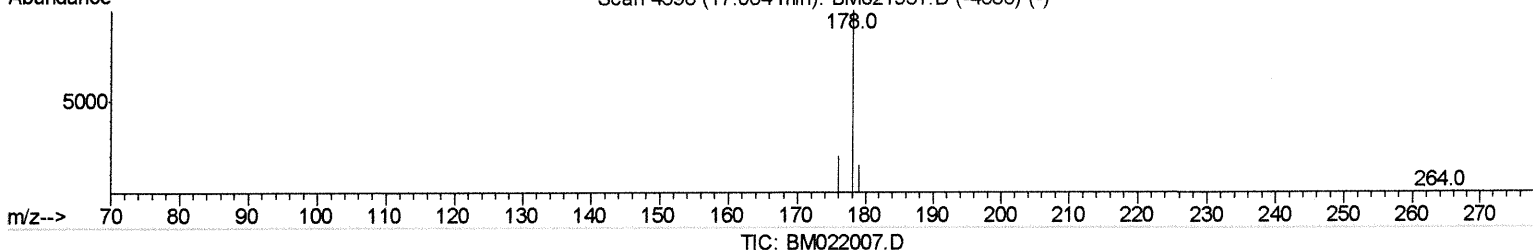
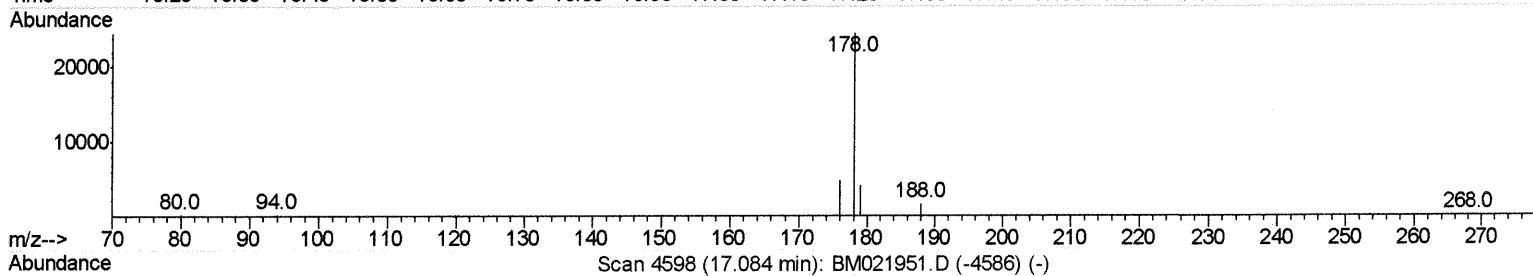
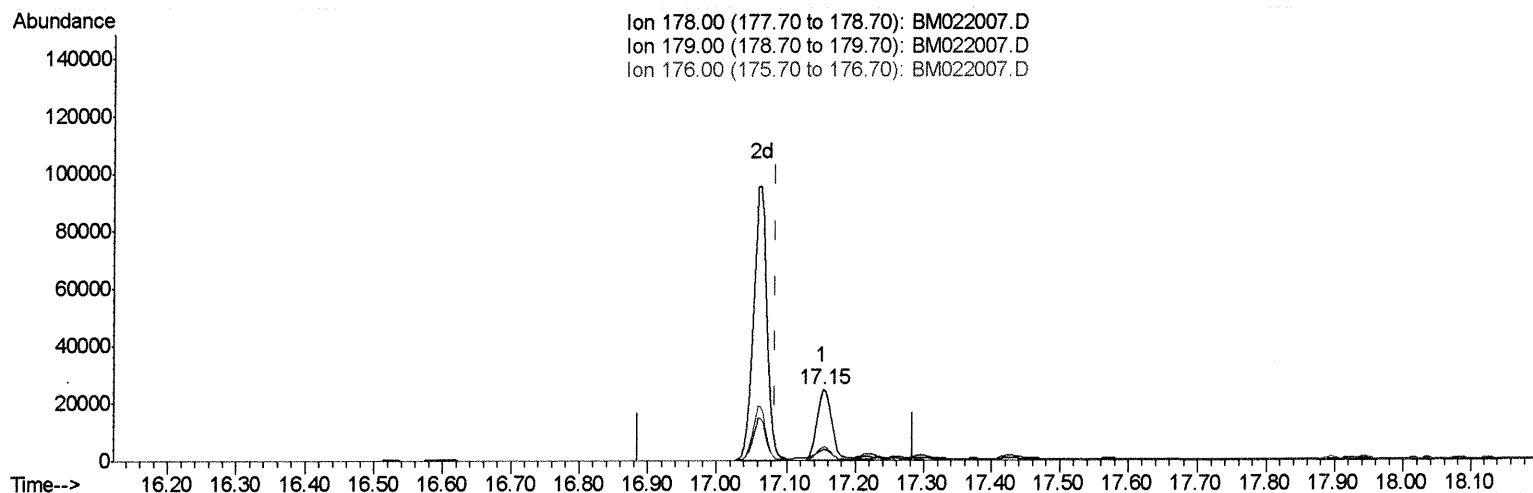
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(12) Phenanthrene

17.154min (+0.068) 3.16ng/ul

response 33669

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.30
176.00	21.00	19.29
0.00	0.00	0.00

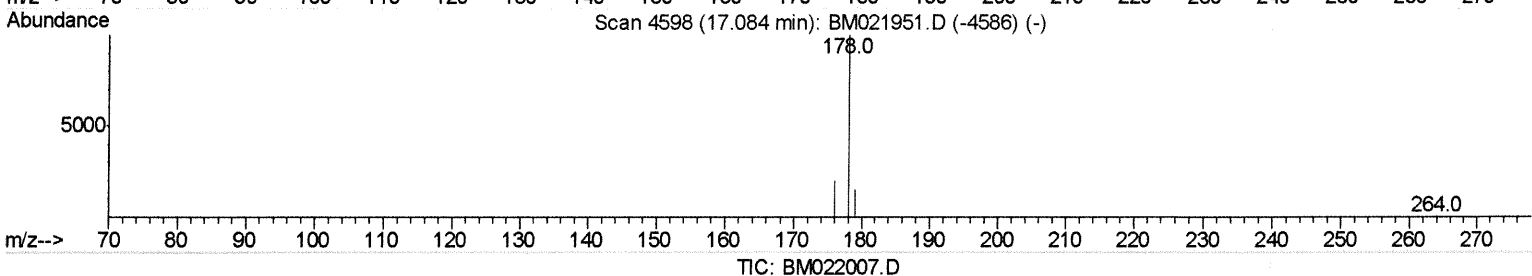
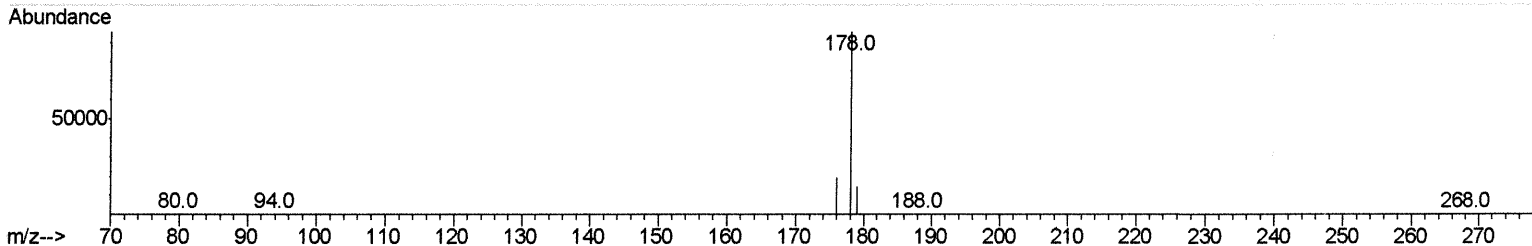
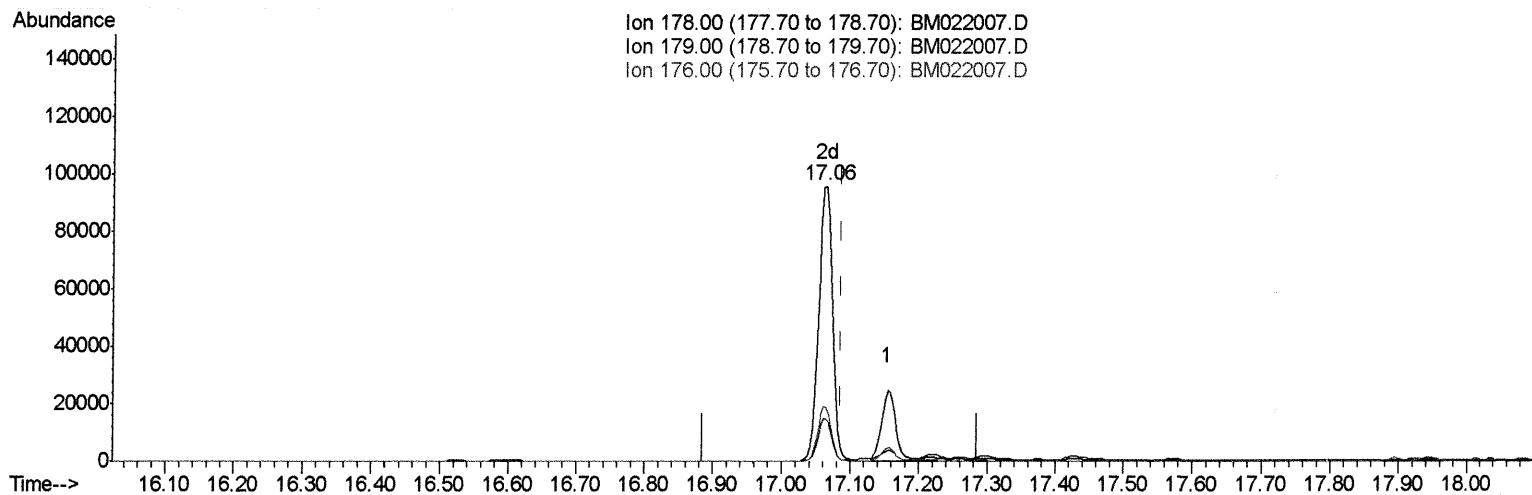
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(12) Phenanthrene

17.063min (-0.023) 12.59ng/ul m *JU* 08/12/19

response 134061

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.47
176.00	21.00	19.61
0.00	0.00	0.00

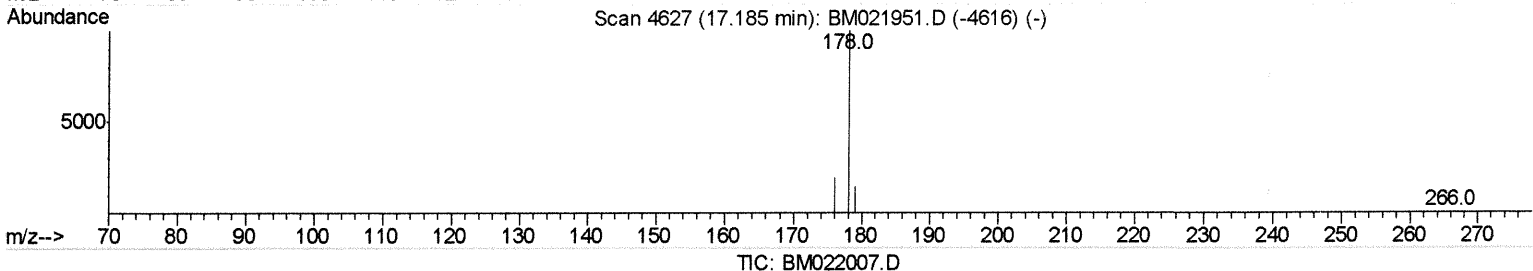
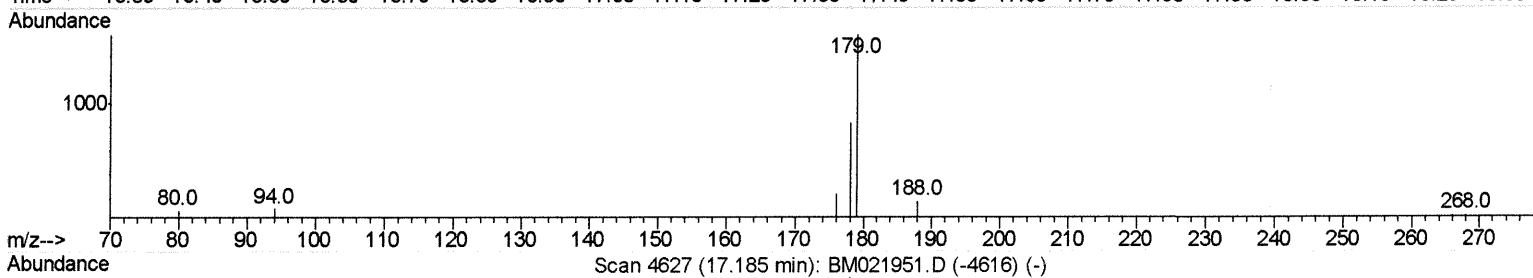
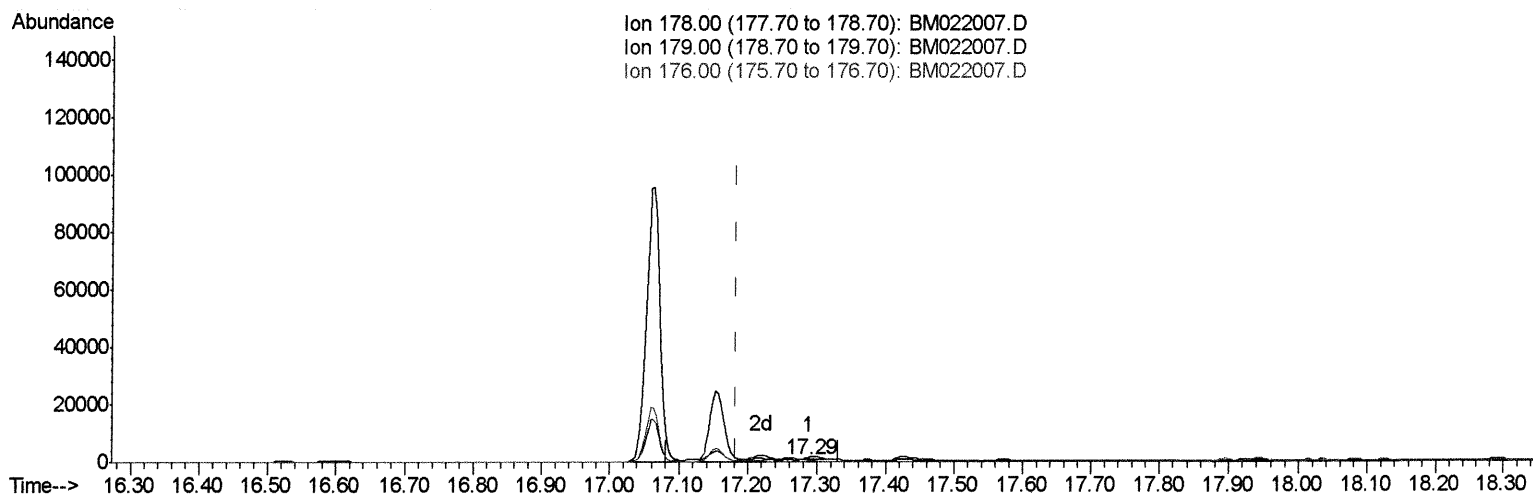
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



TIC: BM022007.D

(13) Anthracene

17.289min (+0.106) 0.13ng/ul

response 1226

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	188.17#
176.00	20.80	27.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

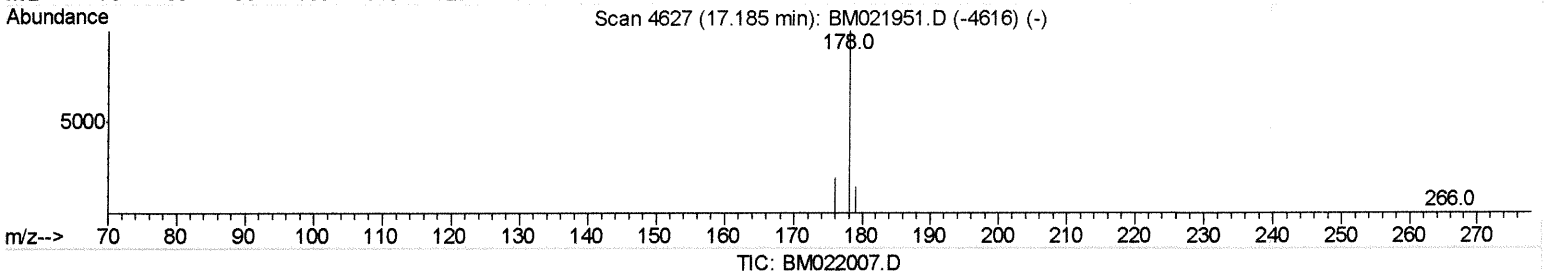
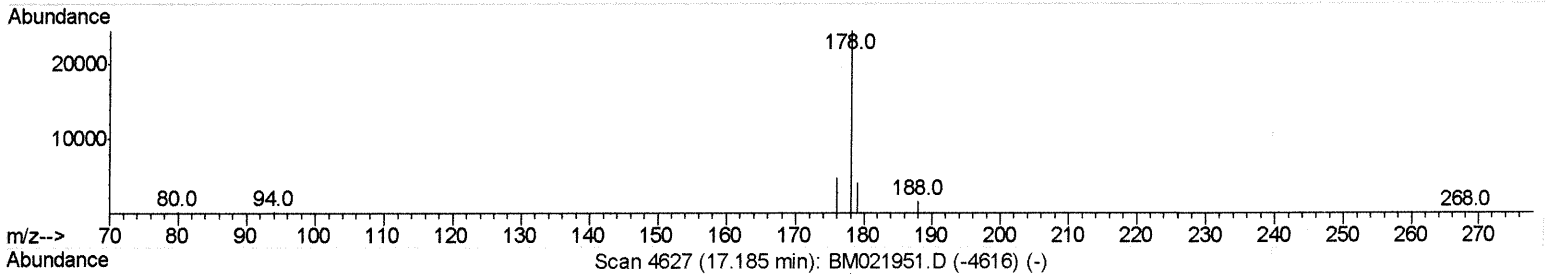
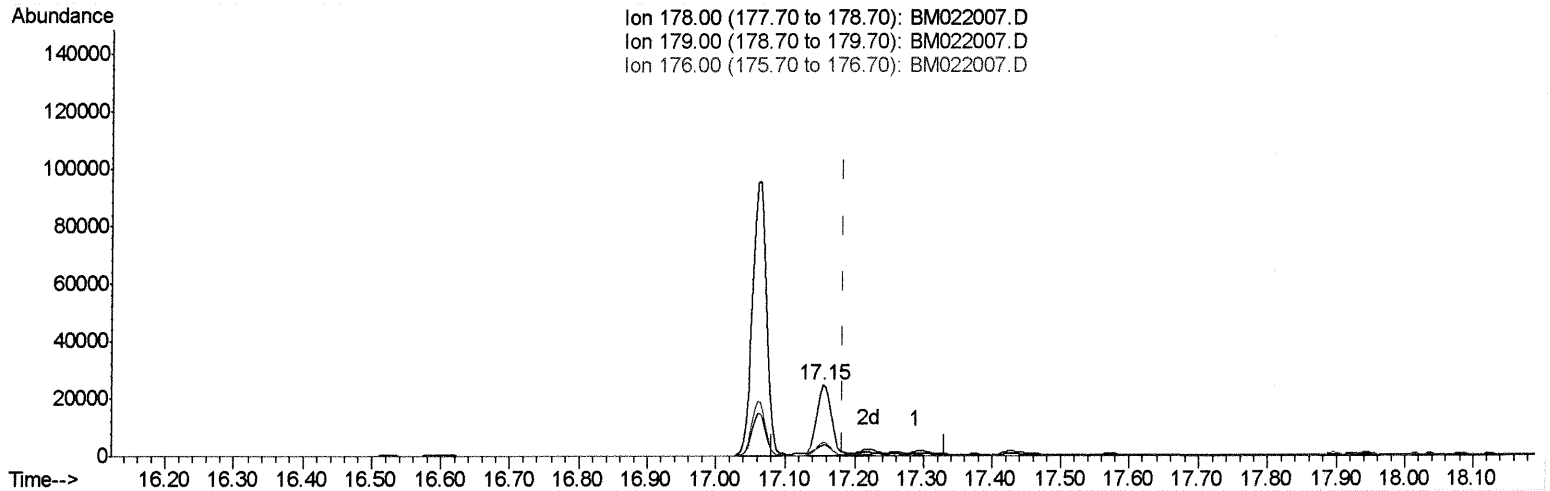
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(13) Anthracene

17.154min (-0.029) 3.81ng/ul m *JU 08/12/19*

response 34597

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	16.30
176.00	20.80	19.29
0.00	0.00	0.00

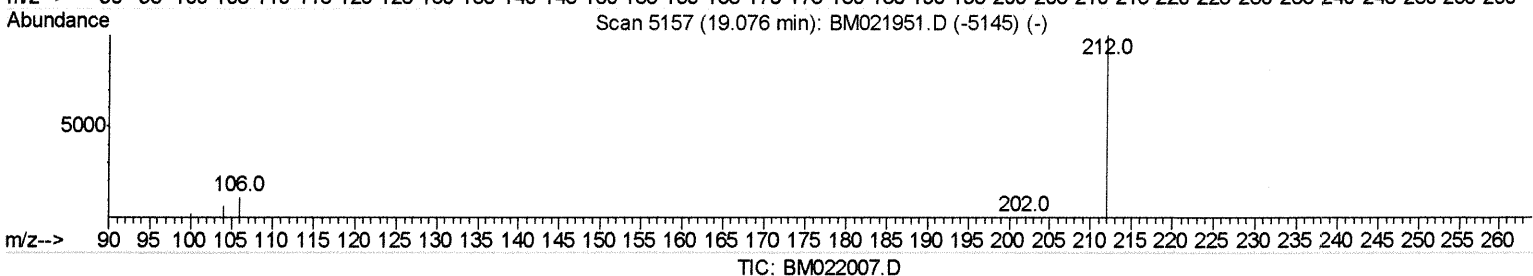
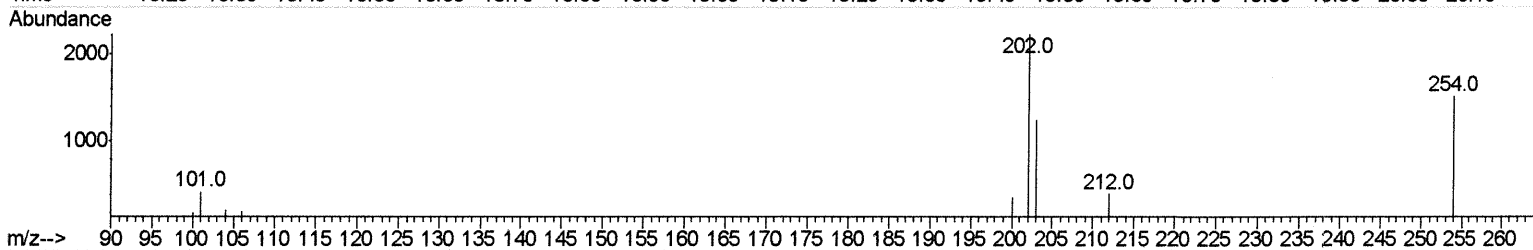
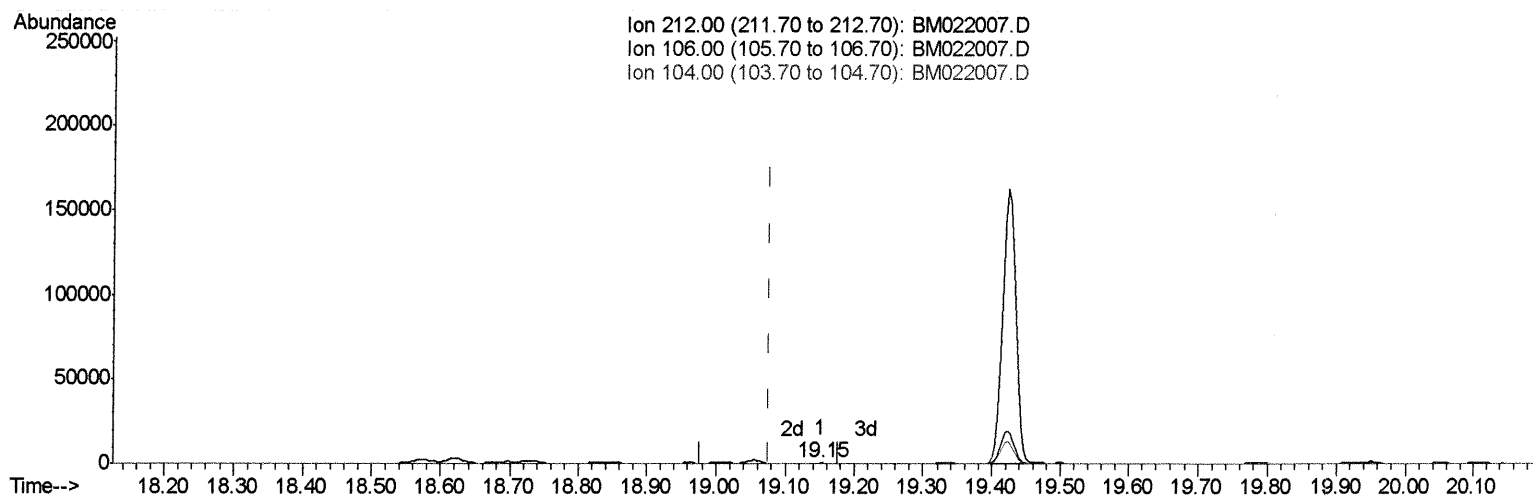
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.152min (+0.075) 0.04ng/ul

response 529

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	12.29#
104.00	6.00	55.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

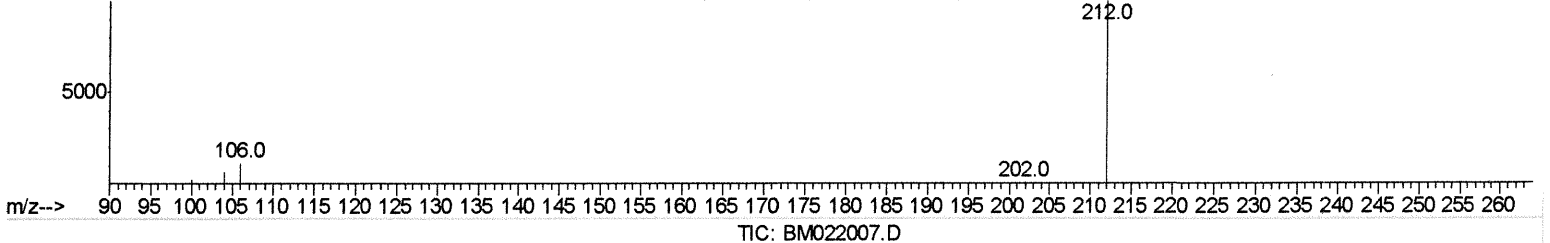
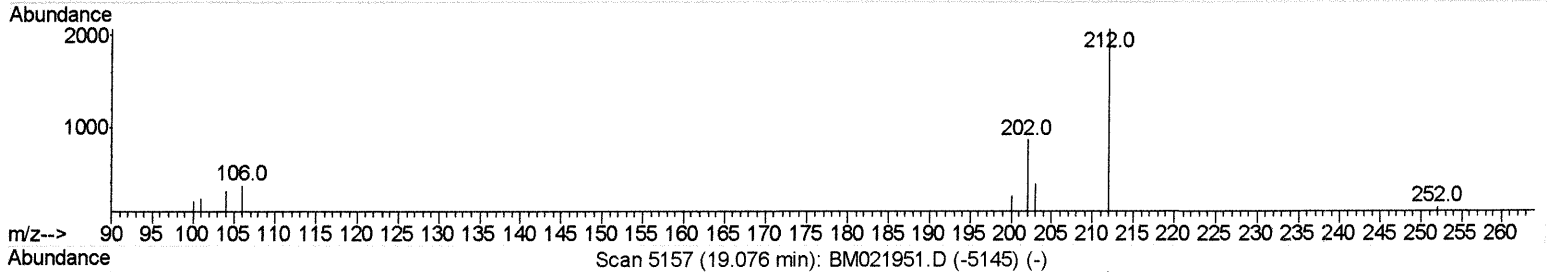
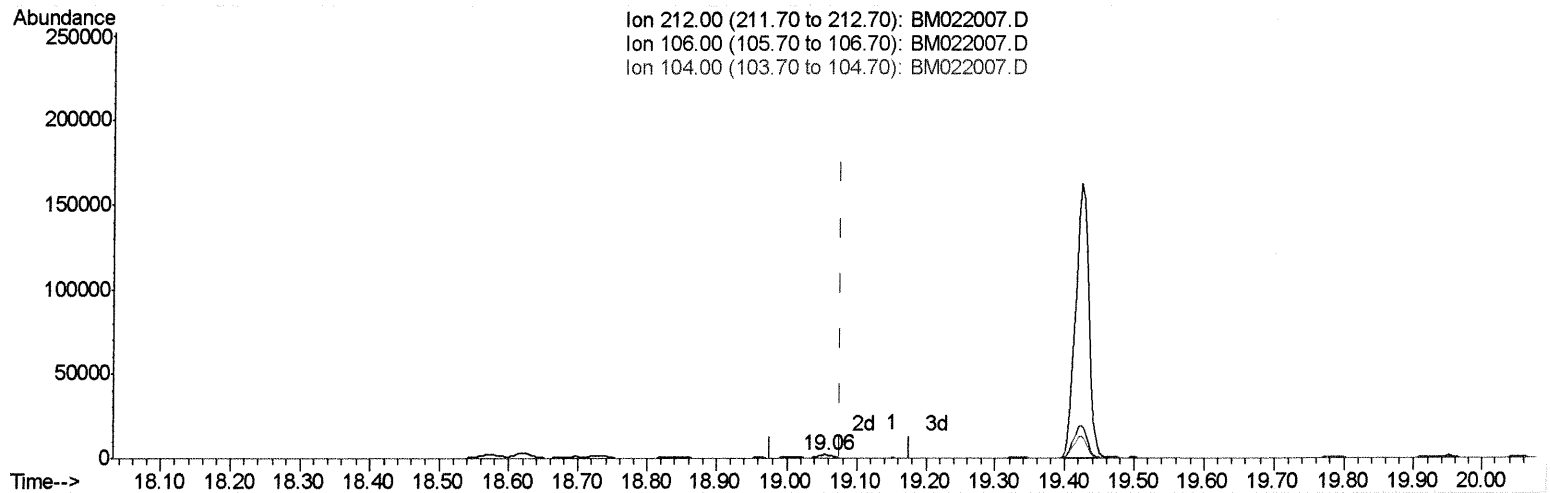
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.056min (-0.021) 0.24ng/ul m *JU 08/12/19*

response 2995

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	2.17#
104.00	6.00	9.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

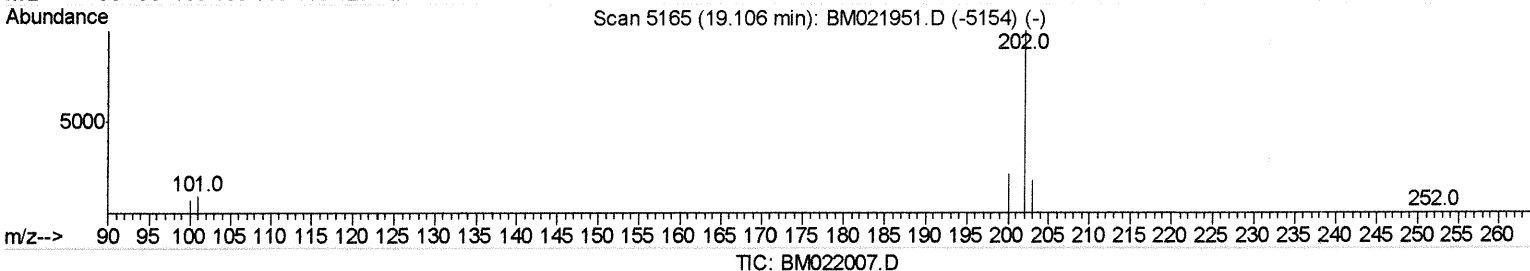
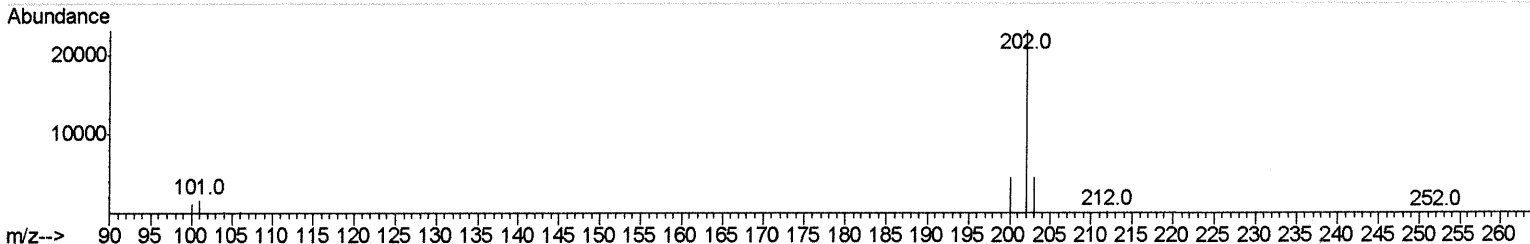
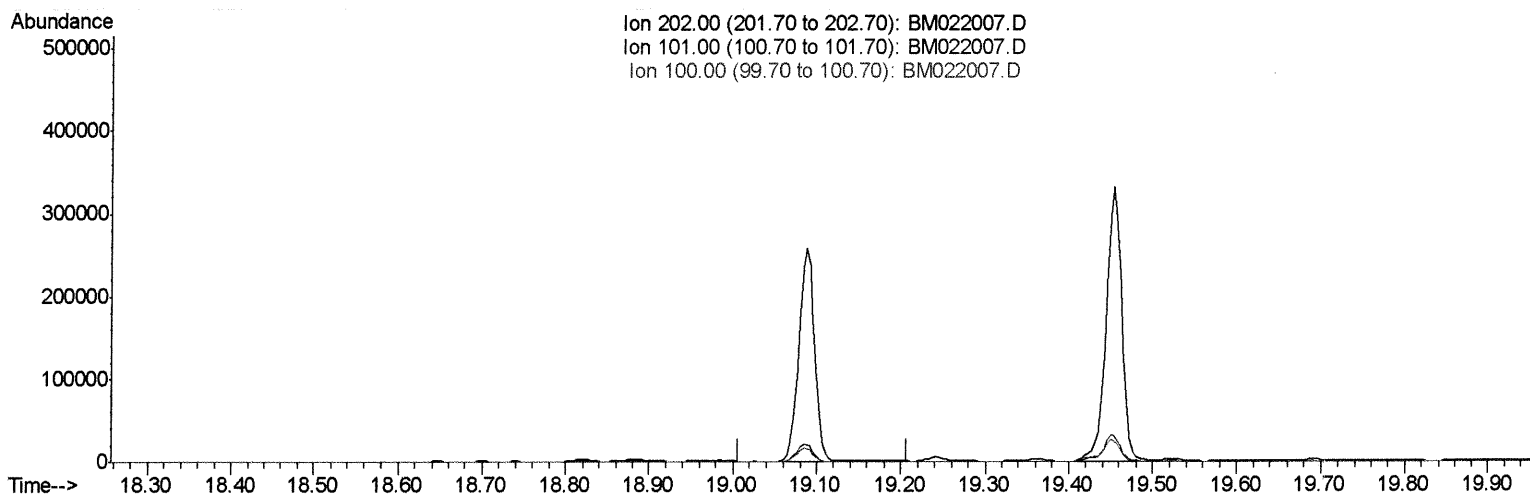
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BEP68

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.108min (-19.108) 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

Quantitation Report (Qedit)

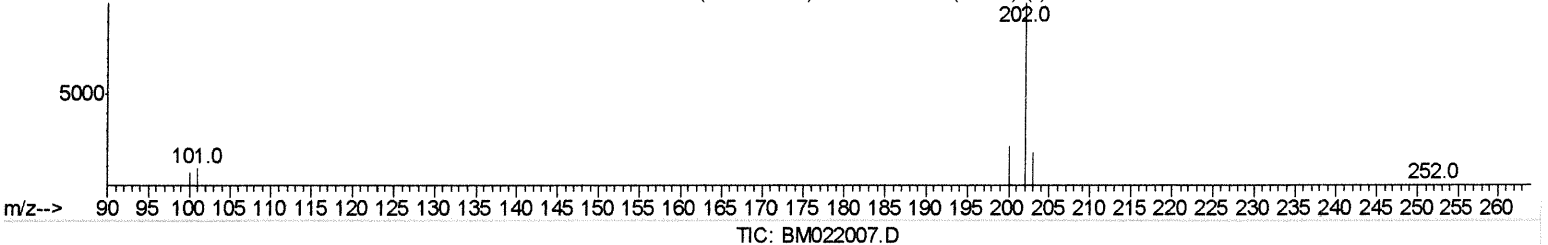
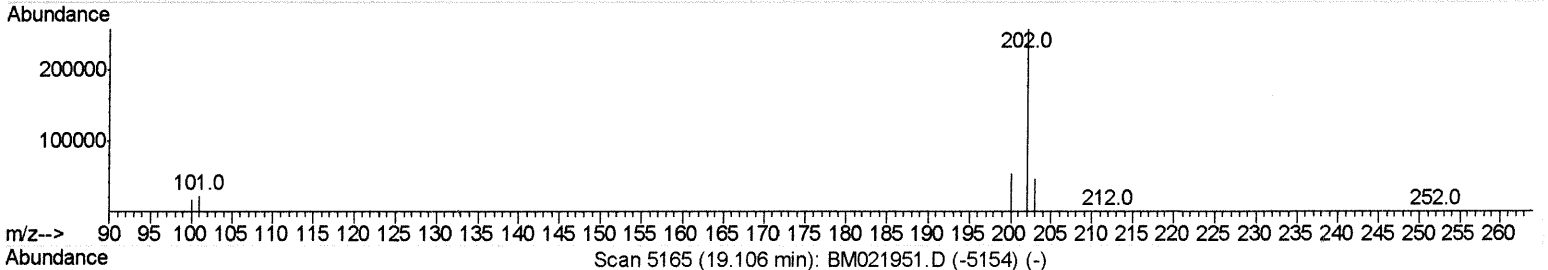
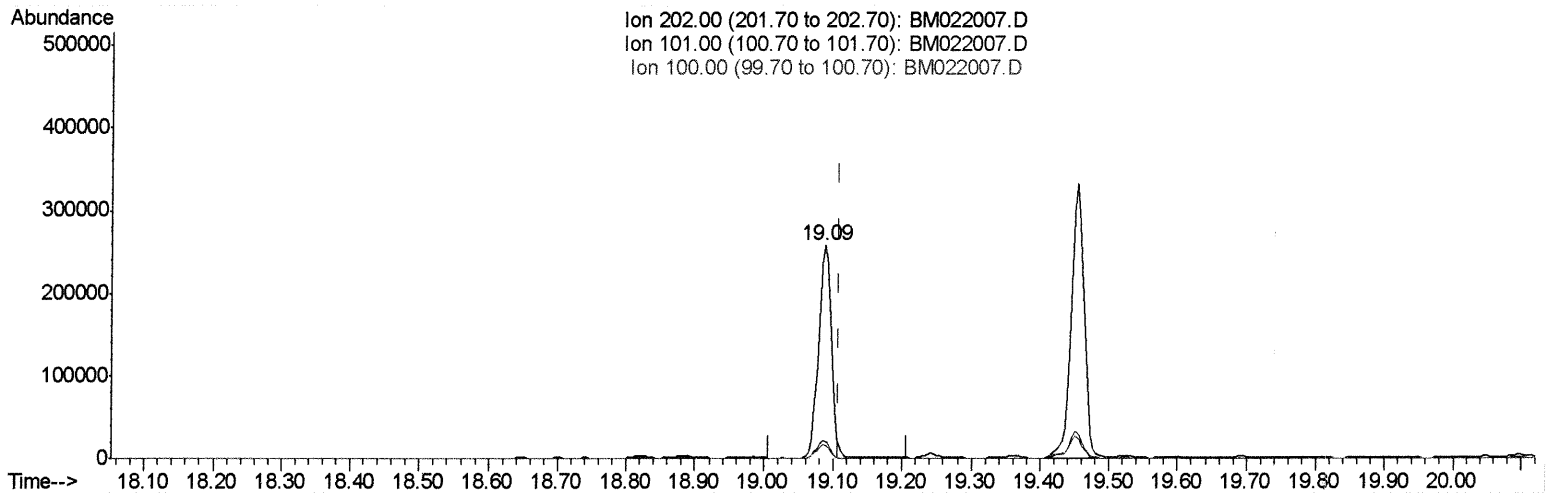
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.087min (-0.021) 23.82ng/ul m *JU 08/12/19*

response 339845

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.39
100.00	8.10	6.48
0.00	0.00	0.00

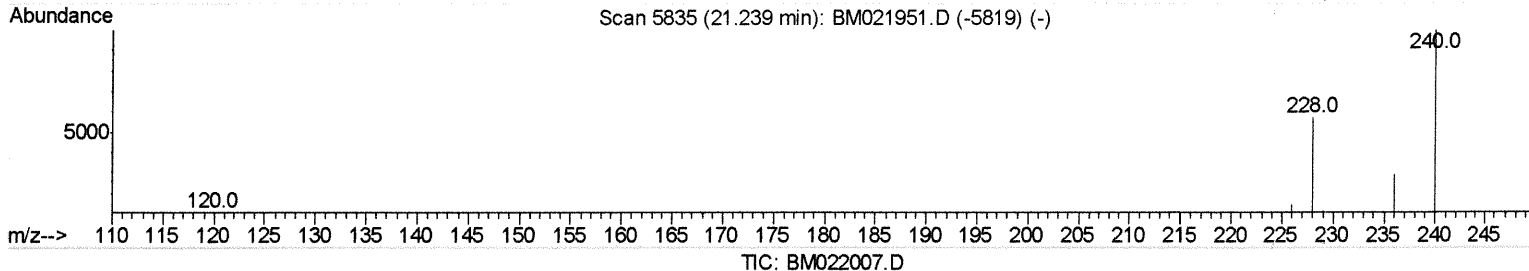
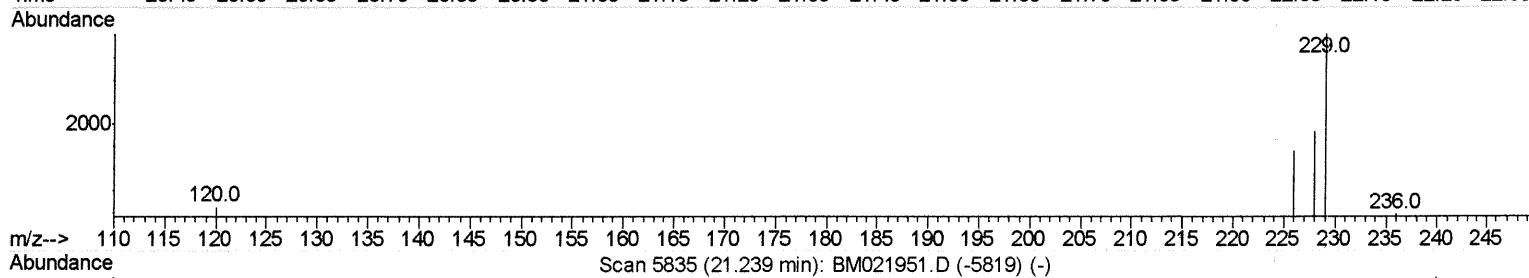
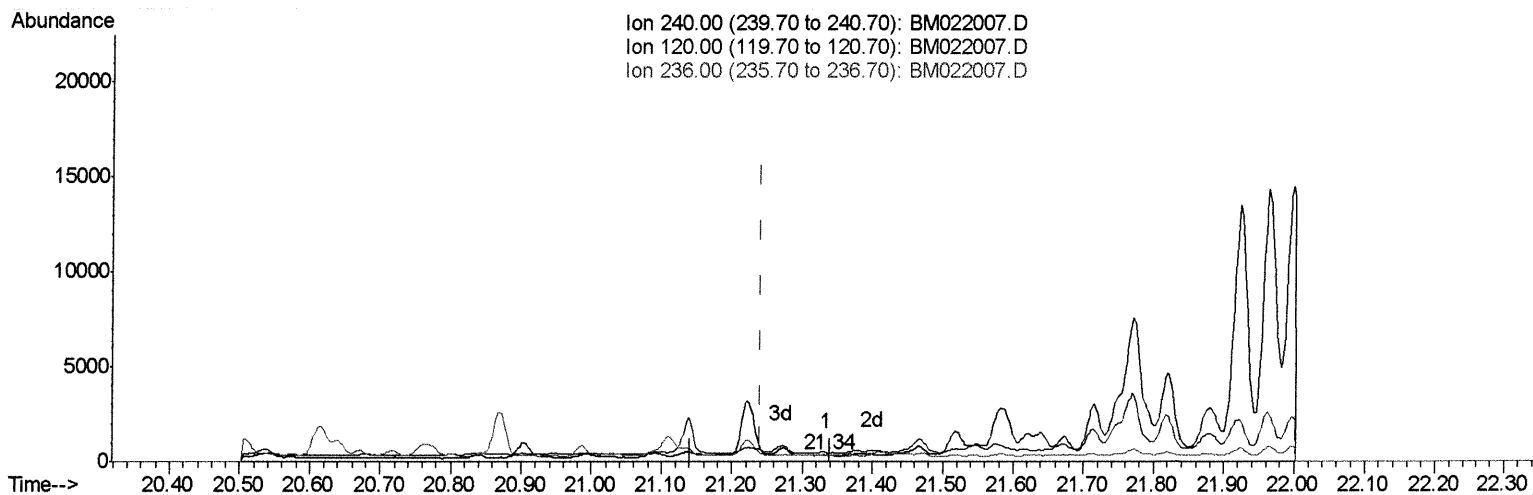
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.335min (+0.094) 0.40ng/ul

response 47

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	146.86#
236.00	32.30	110.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

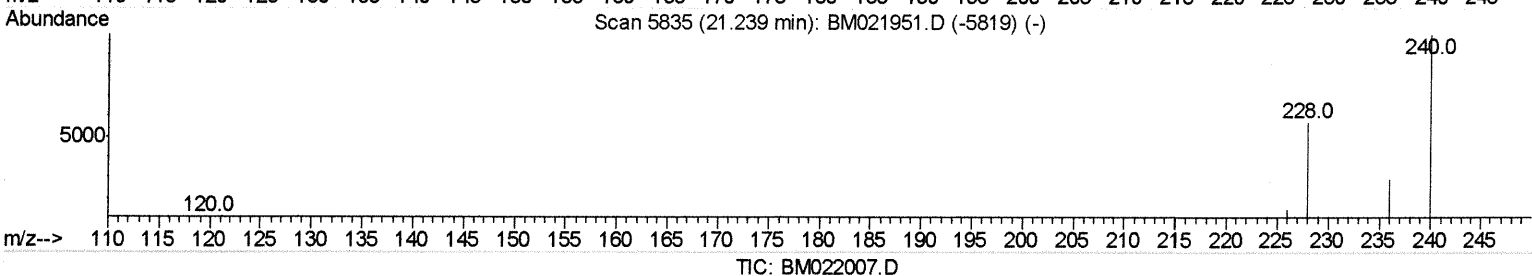
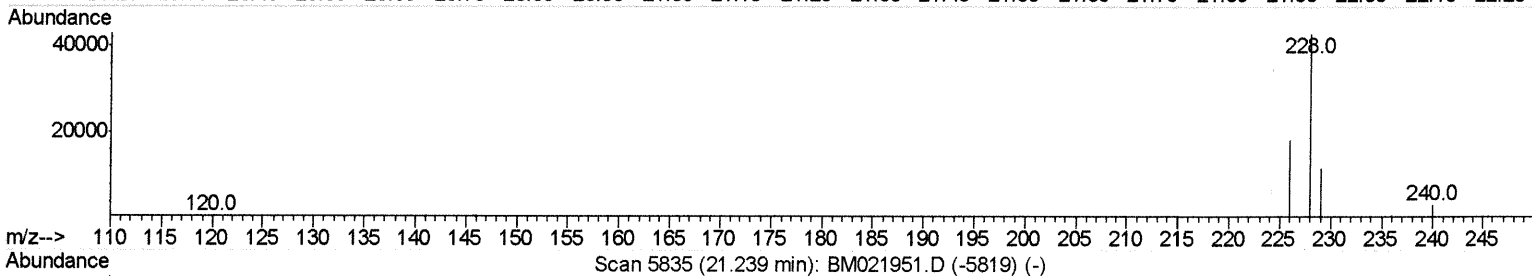
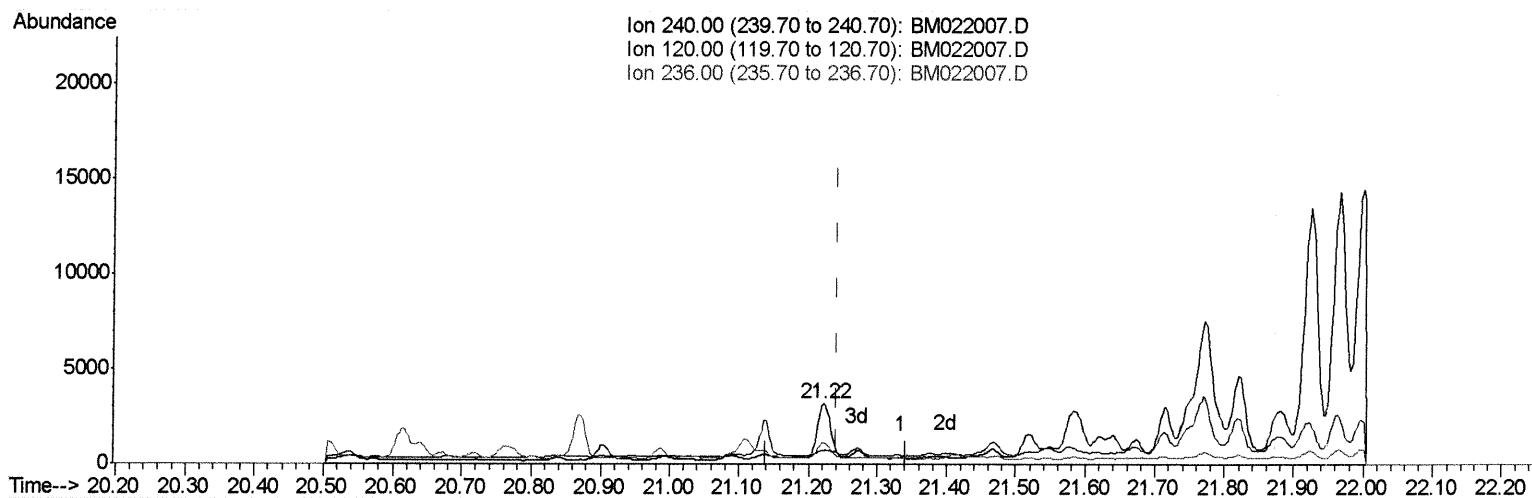
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:54:12 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.222min (-0.020) 0.40ng/ul m *JU 08/12/19*

response 3792

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	23.05#
236.00	32.30	35.11
0.00	0.00	0.00

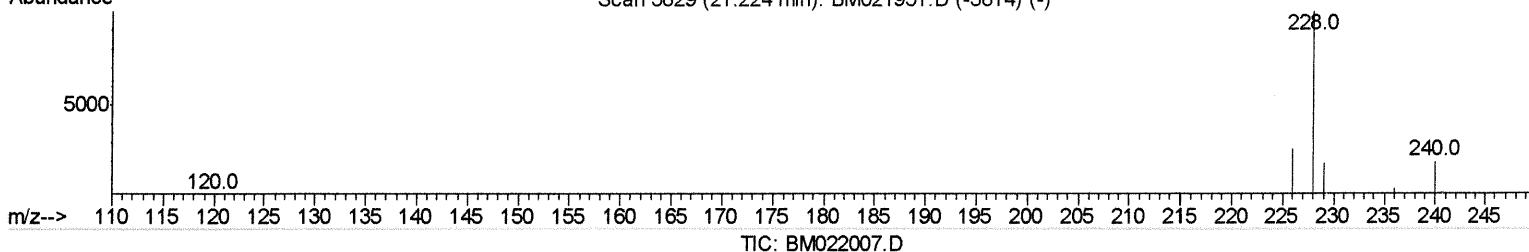
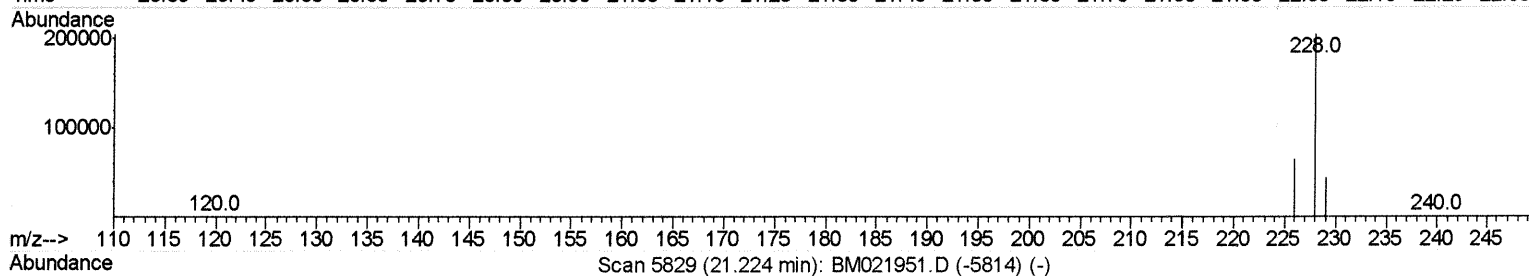
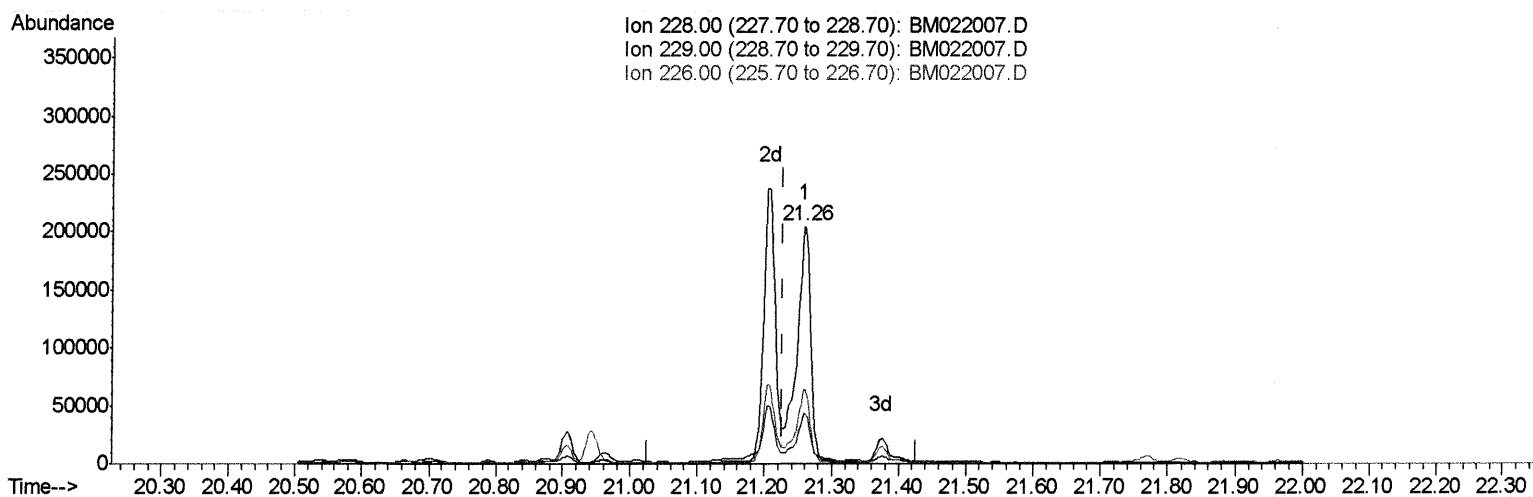
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:07 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.258min (+0.031) 21.89ng/ul

response 296971

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.19
226.00	28.30	31.34
0.00	0.00	0.00

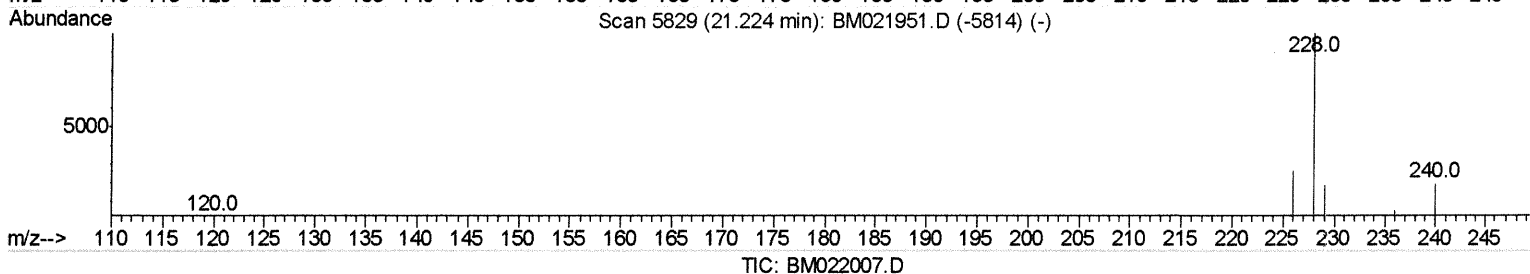
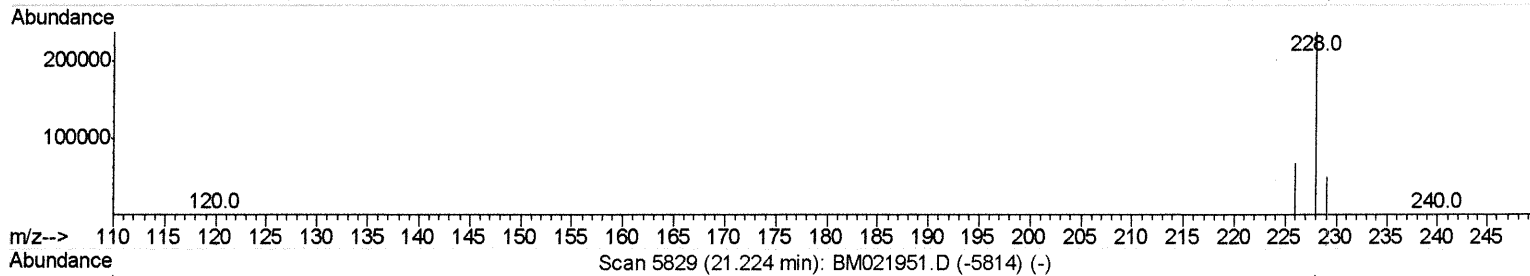
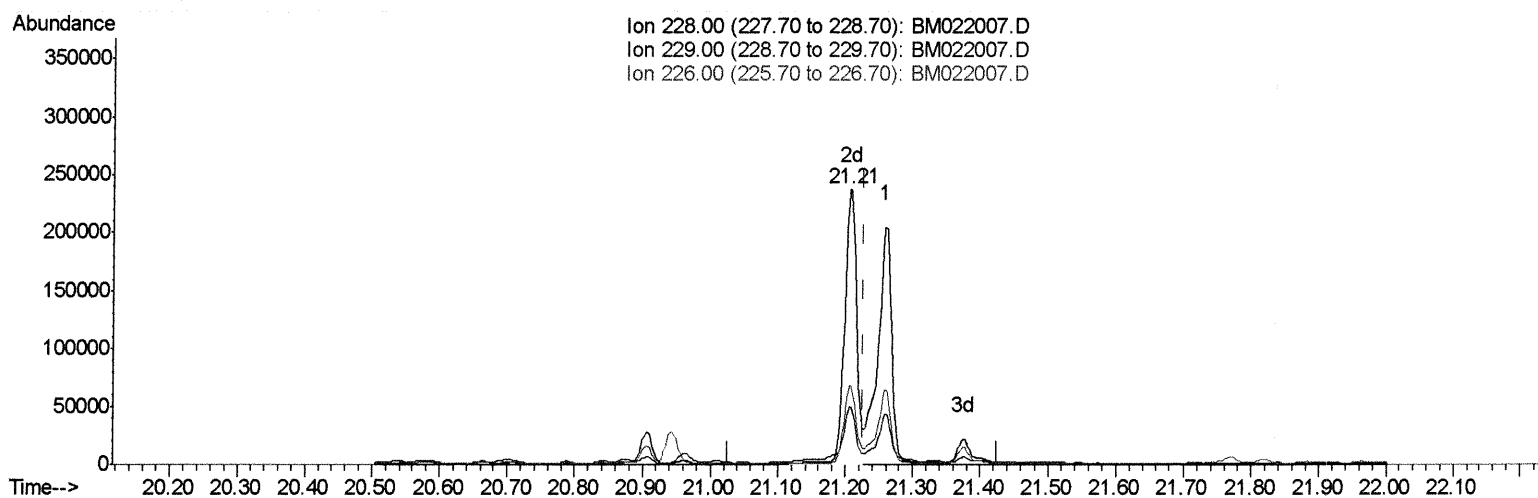
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:07 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.207min (-0.020) 21.64ng/ul m *JU* 08/12/19

response 293493

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.93
226.00	28.30	28.54
0.00	0.00	0.00

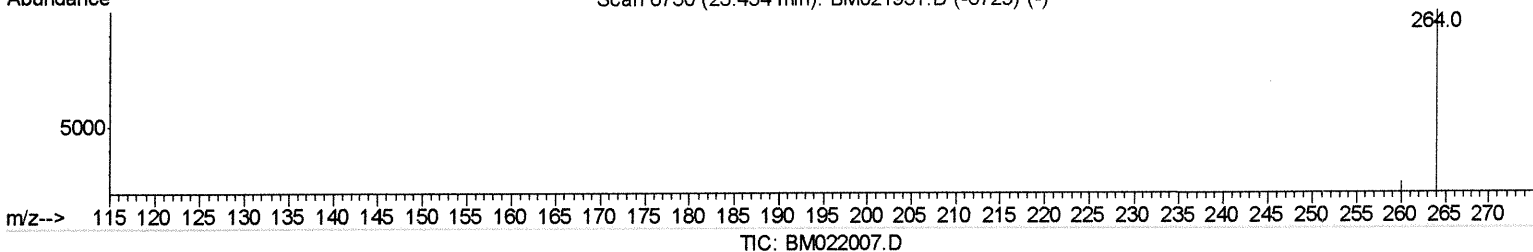
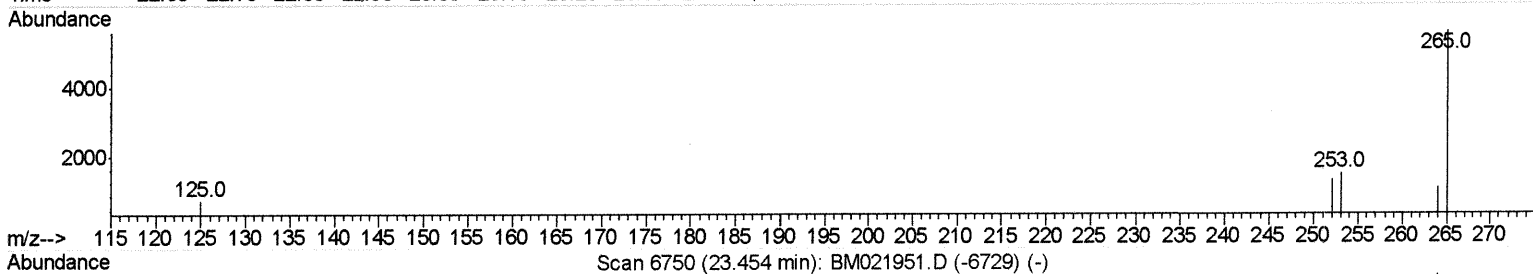
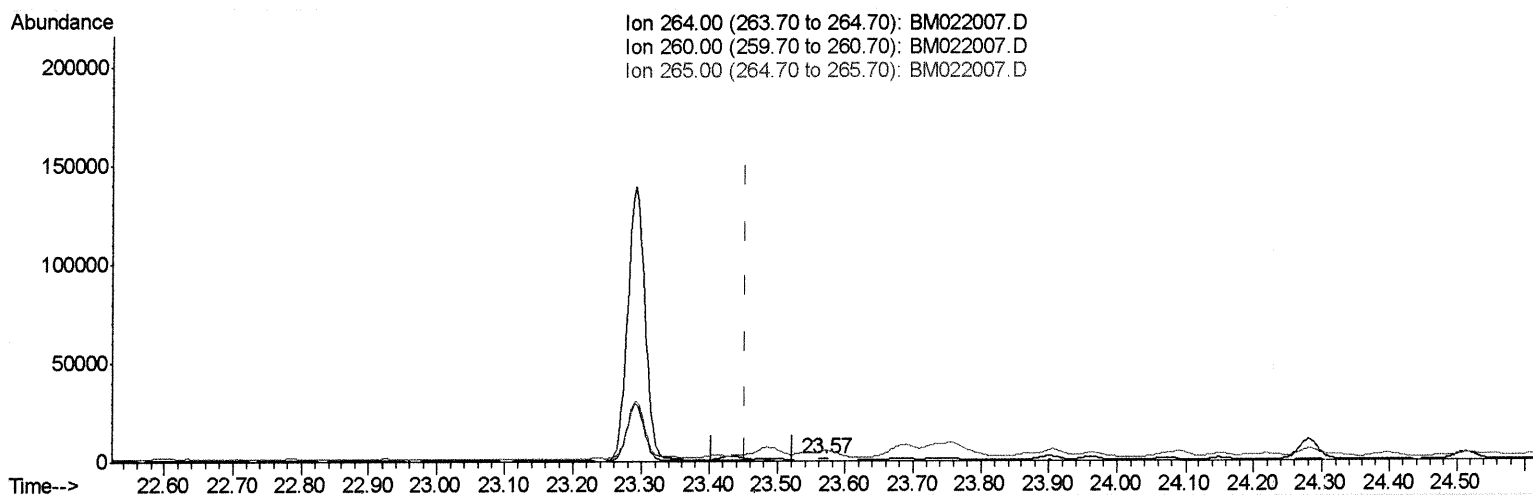
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:07 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.568min (+0.114) 0.40ng/ul

response 2149

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	29.27
265.00	117.00	551.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

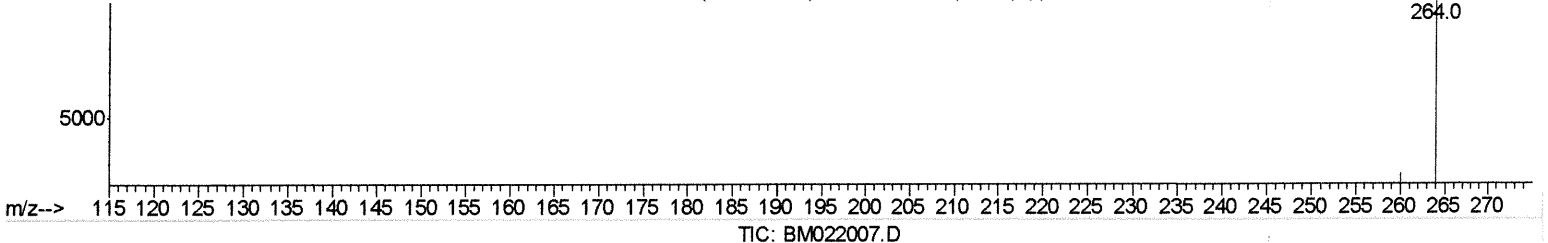
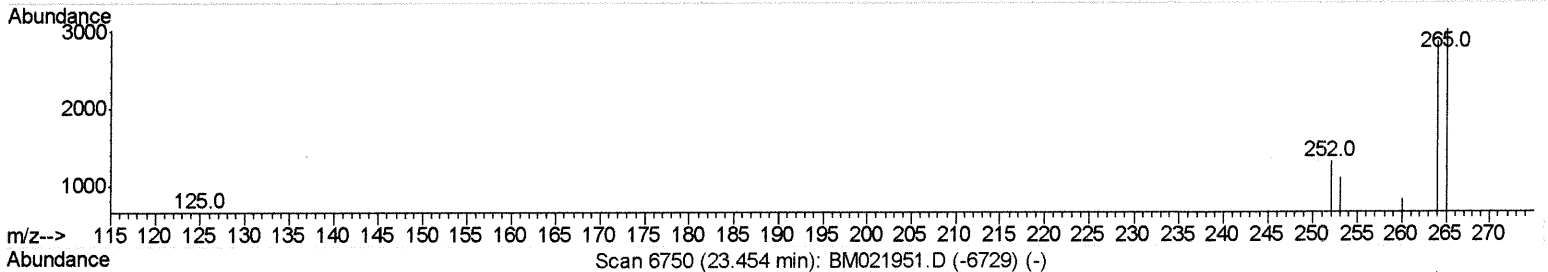
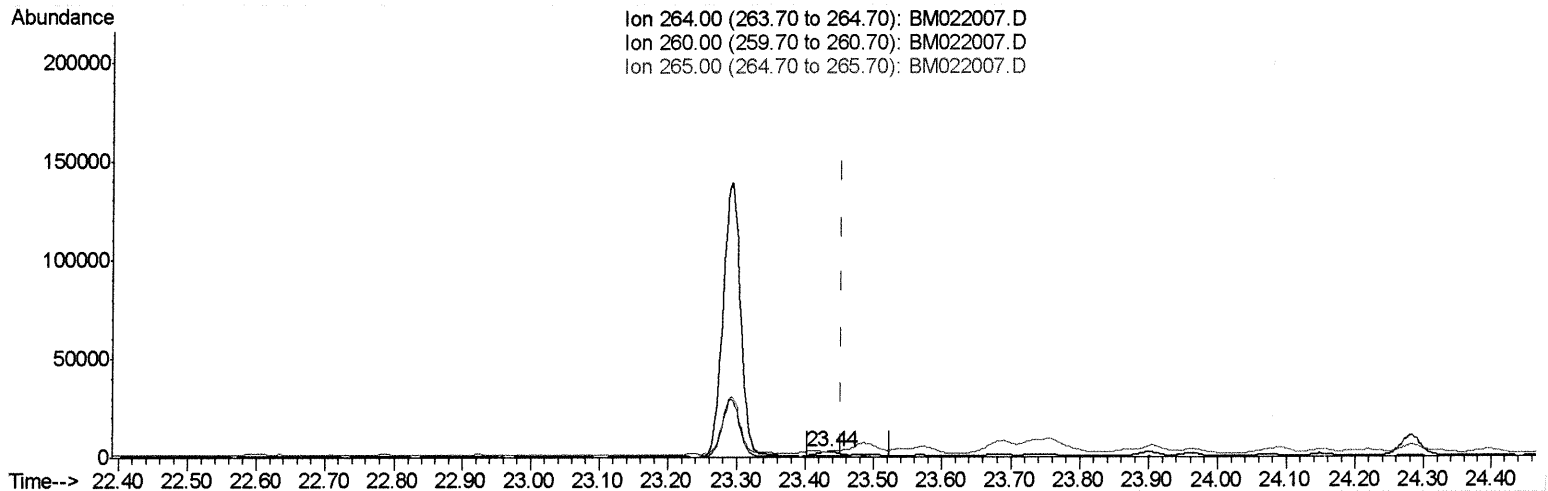
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:07 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.435min (-0.019) 0.40ng/ul m *JU 08/12/19*

response 3952

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	29.06
265.00	117.00	105.88
0.00	0.00	0.00

Quantitation Report (Qedit)

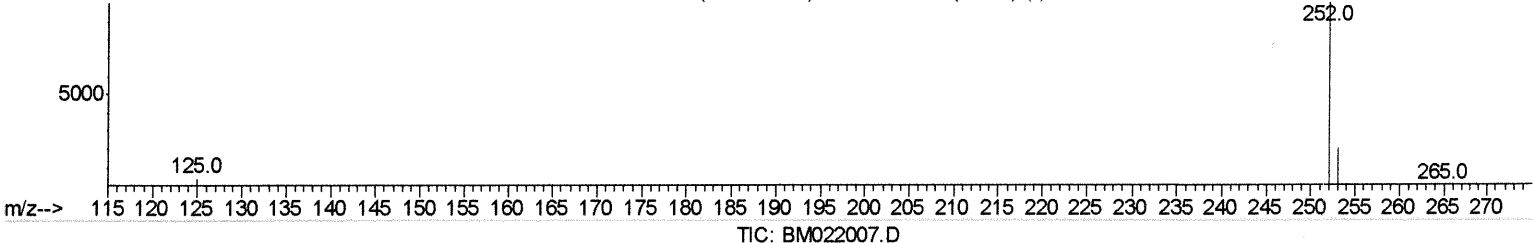
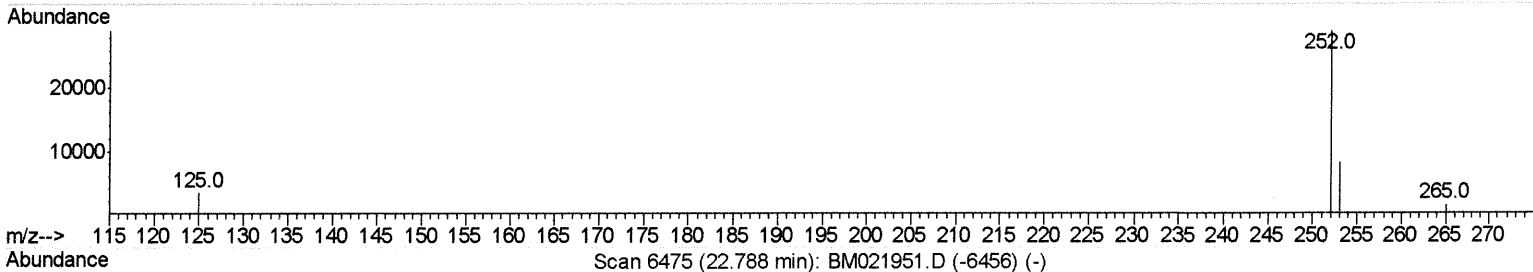
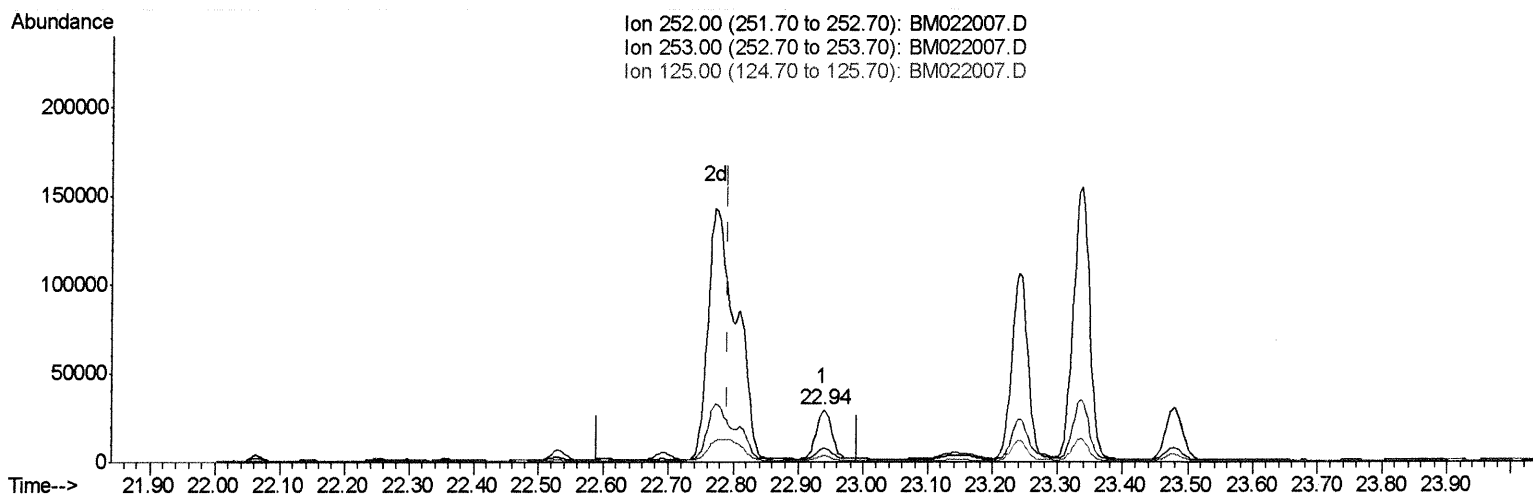
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.938min (+0.148) 3.73ng/ul
 response 49725

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.82
125.00	15.50	11.78
0.00	0.00	0.00

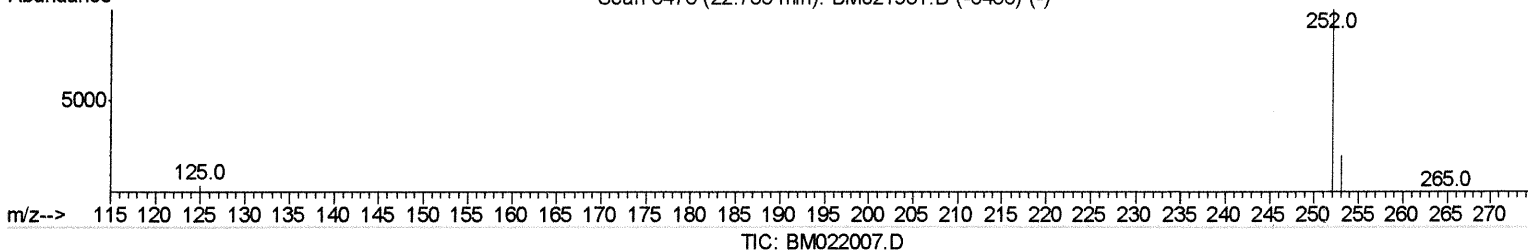
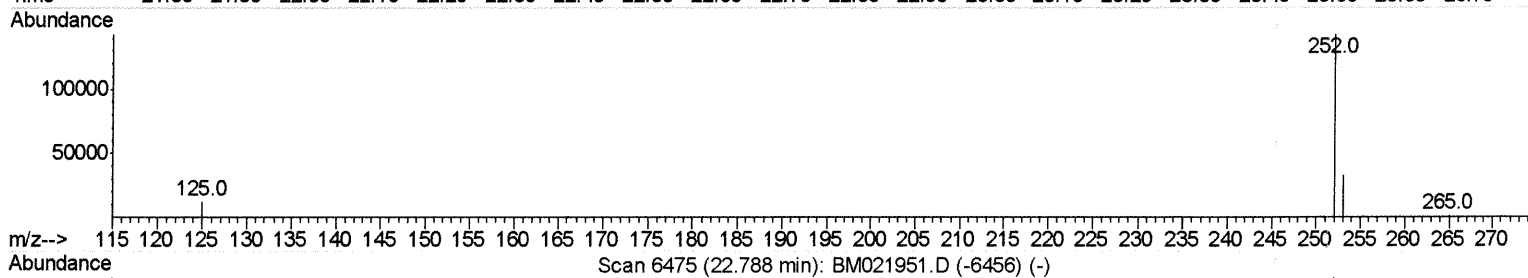
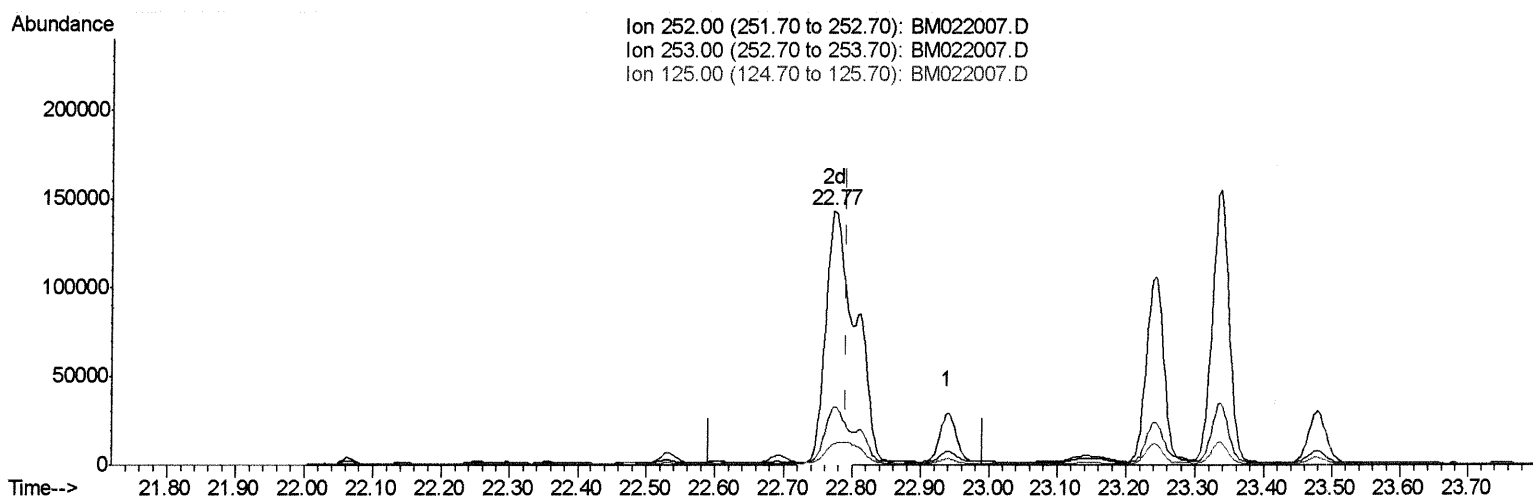
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.771min (-0.020) 24.13ng/ul m

JU
08/12/19

response 321619

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.59
125.00	15.50	8.47
0.00	0.00	0.00

Quantitation Report (Qedit)

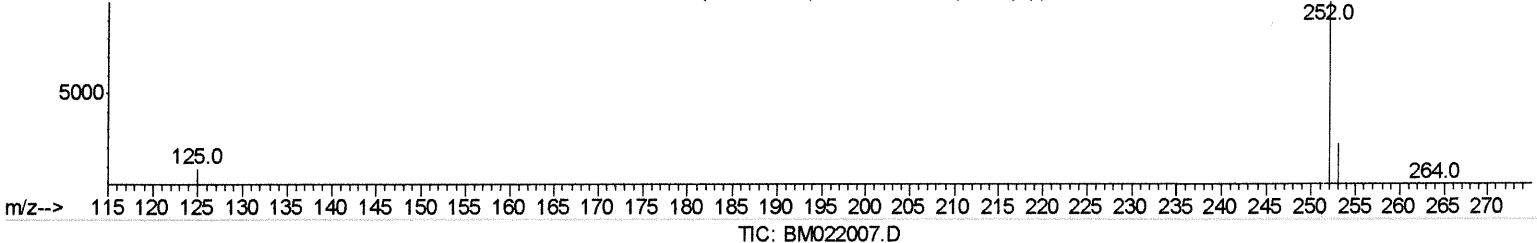
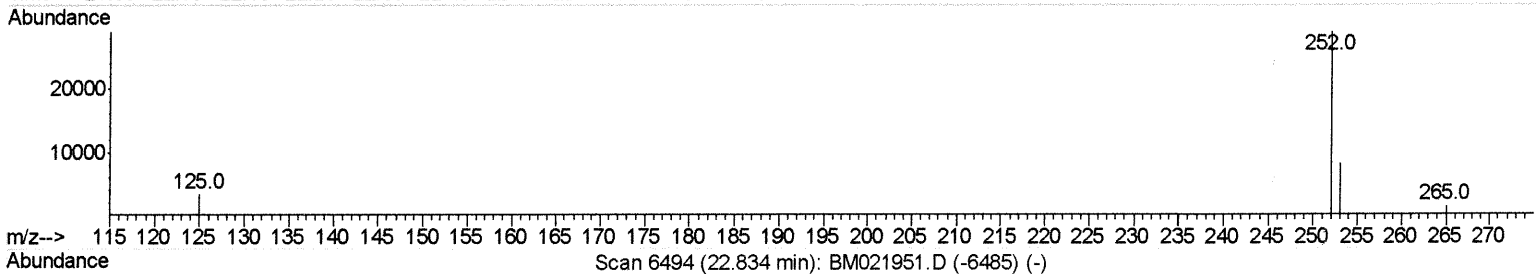
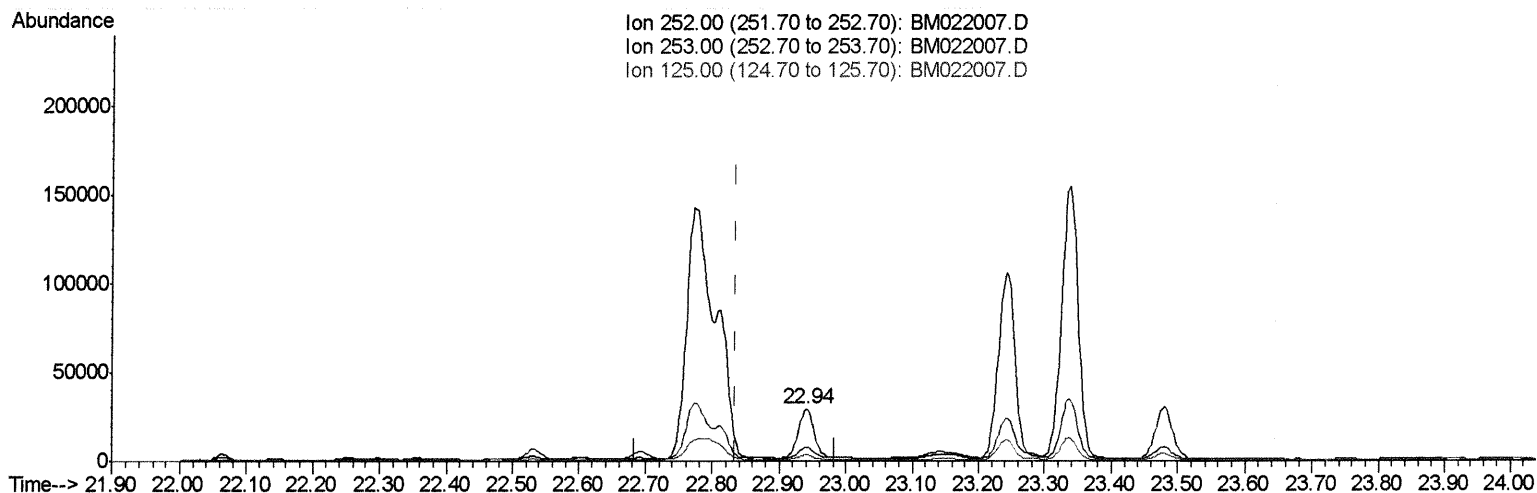
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.938min (+0.104) 3.30ng/ul

response 49705

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.82
125.00	15.20	11.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

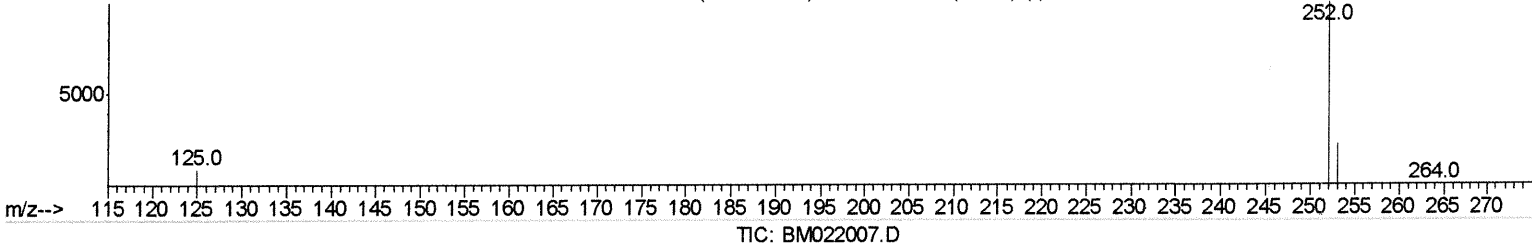
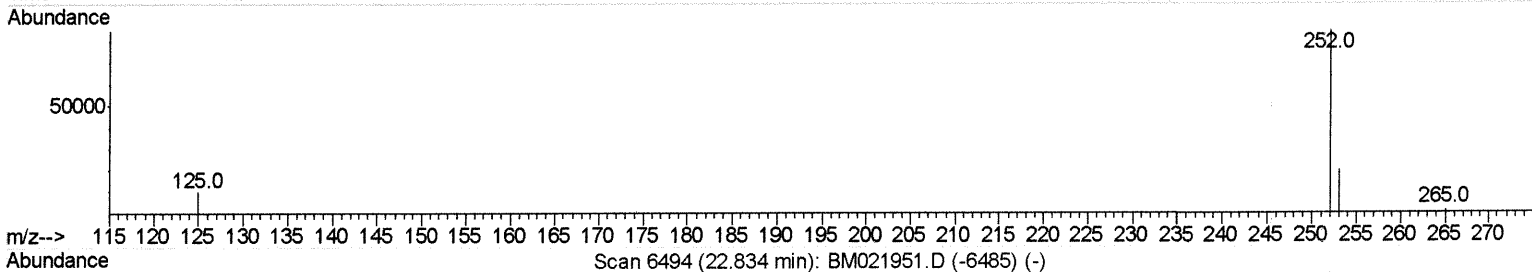
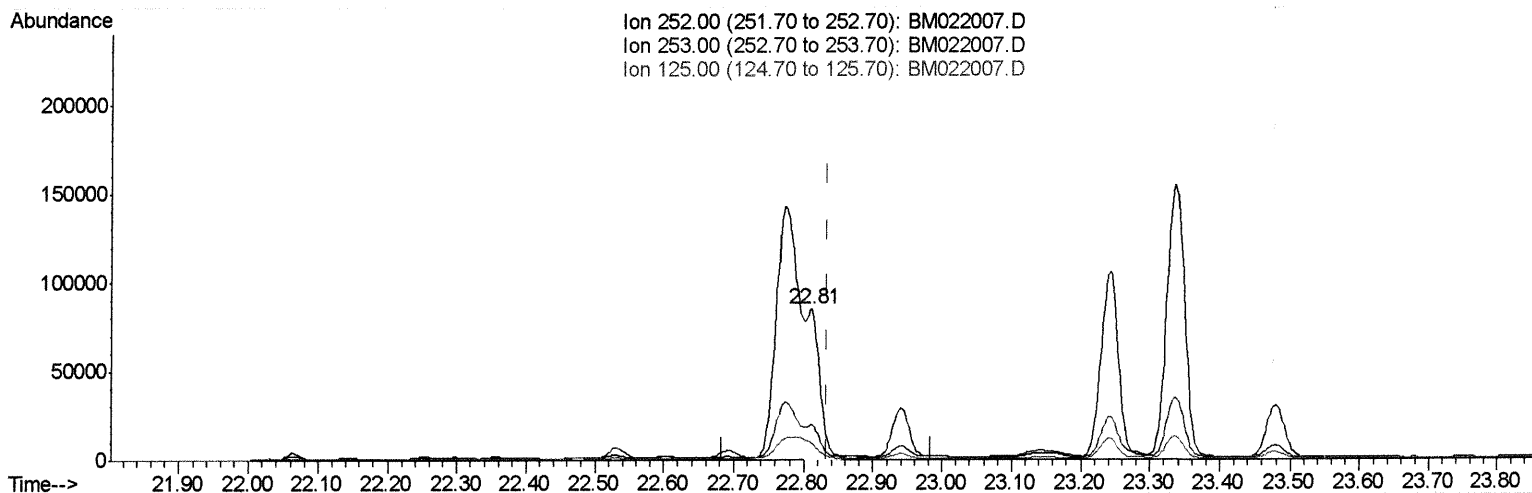
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.810min (-0.025) 7.69ng/ul m *JU* 08/12/19

response 115912

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.84#
125.00	15.20	11.77#
0.00	0.00	0.00

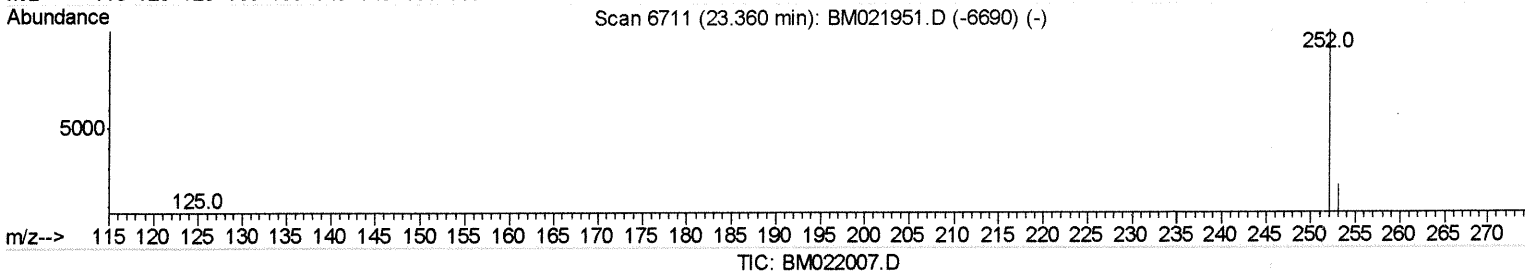
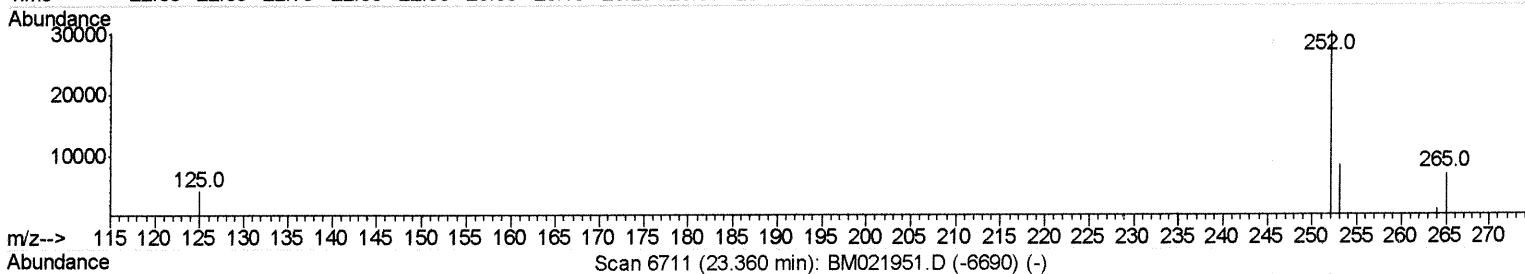
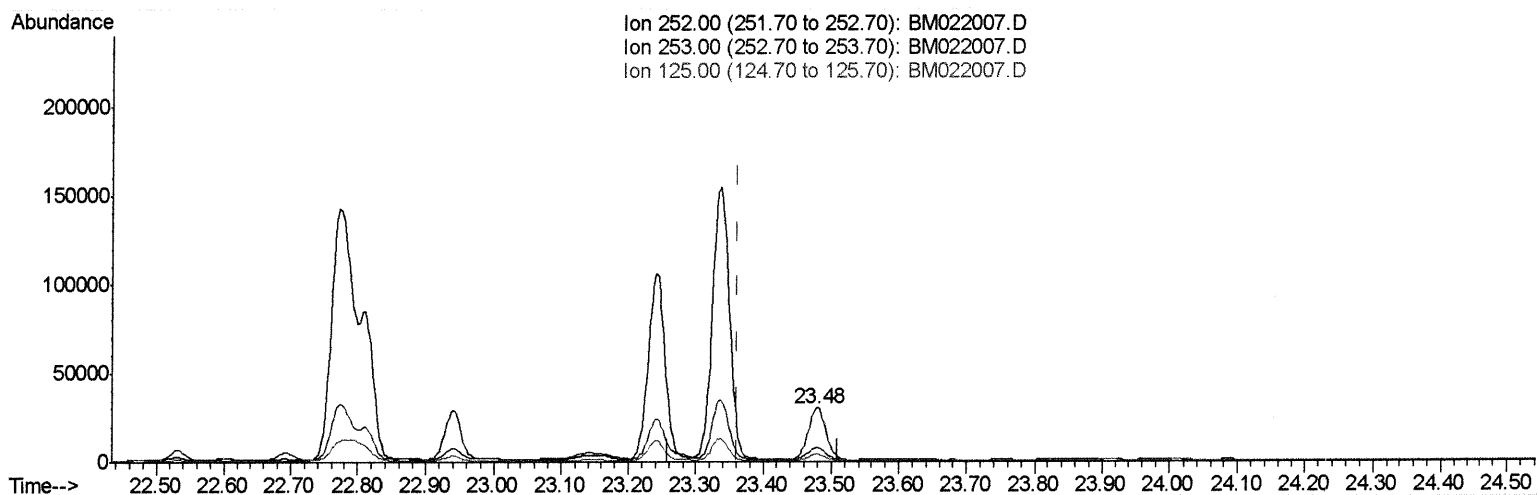
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.479min (+0.118) 3.94ng/ul

response 53447

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	27.30#
125.00	18.20	13.84#
0.00	0.00	0.00

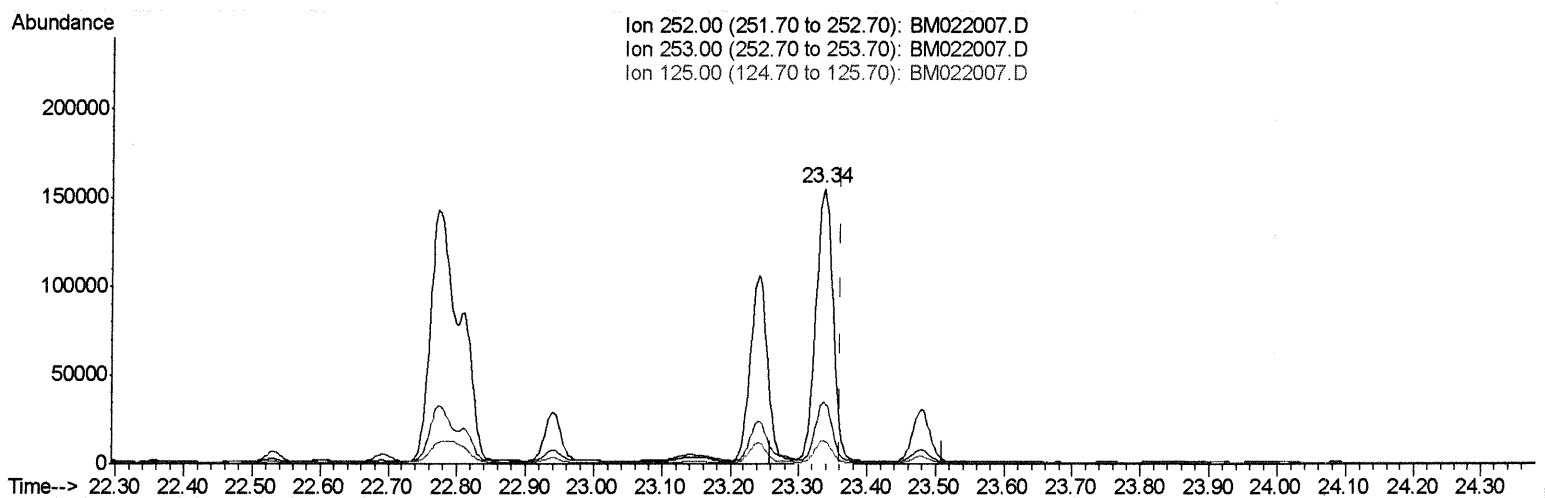
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.336min (-0.025) 20.23ng/ul m *JU 08/12/19*

response 274164

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	22.73#
125.00	18.20	8.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

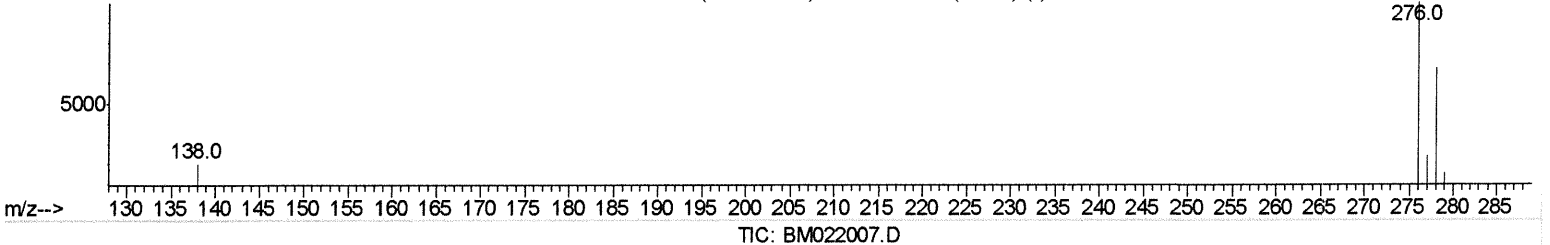
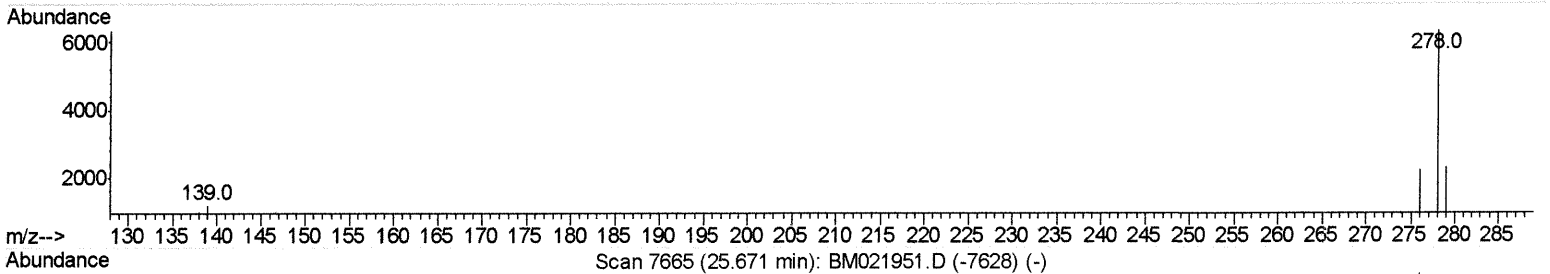
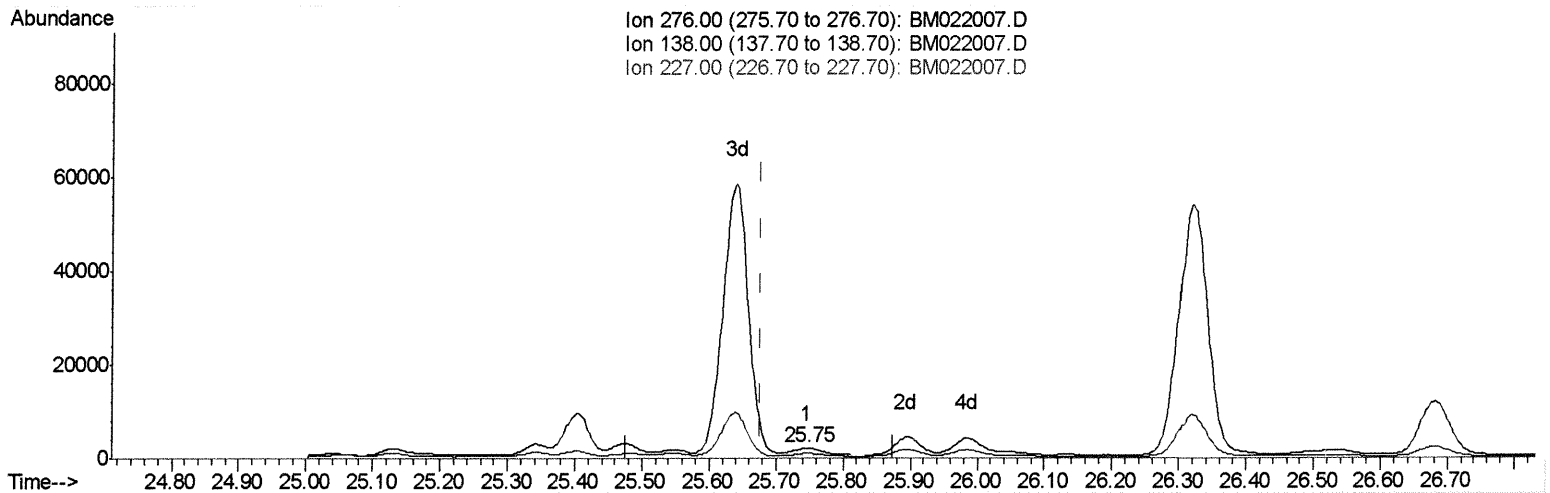
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BEP68

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



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

25.746min (+0.070) 0.28ng/ul

response 4533

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	39.07#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

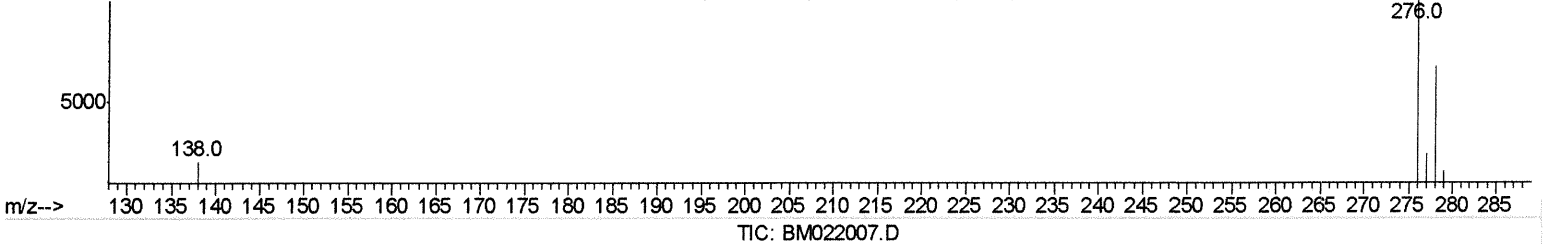
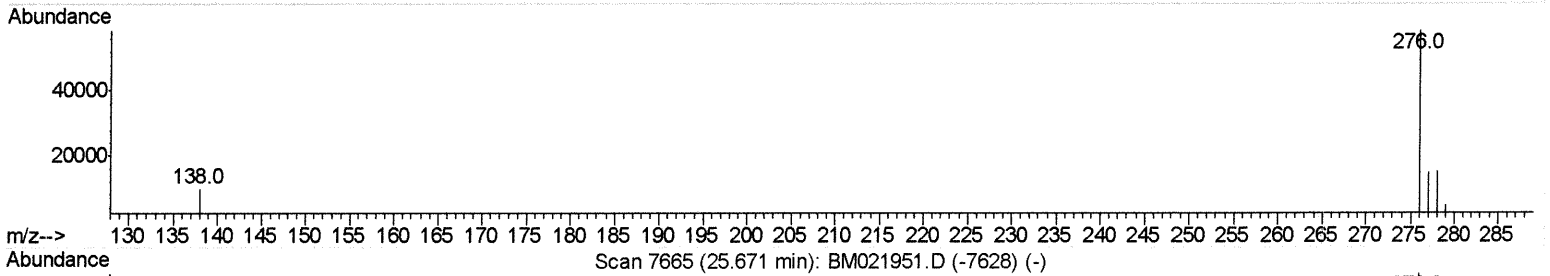
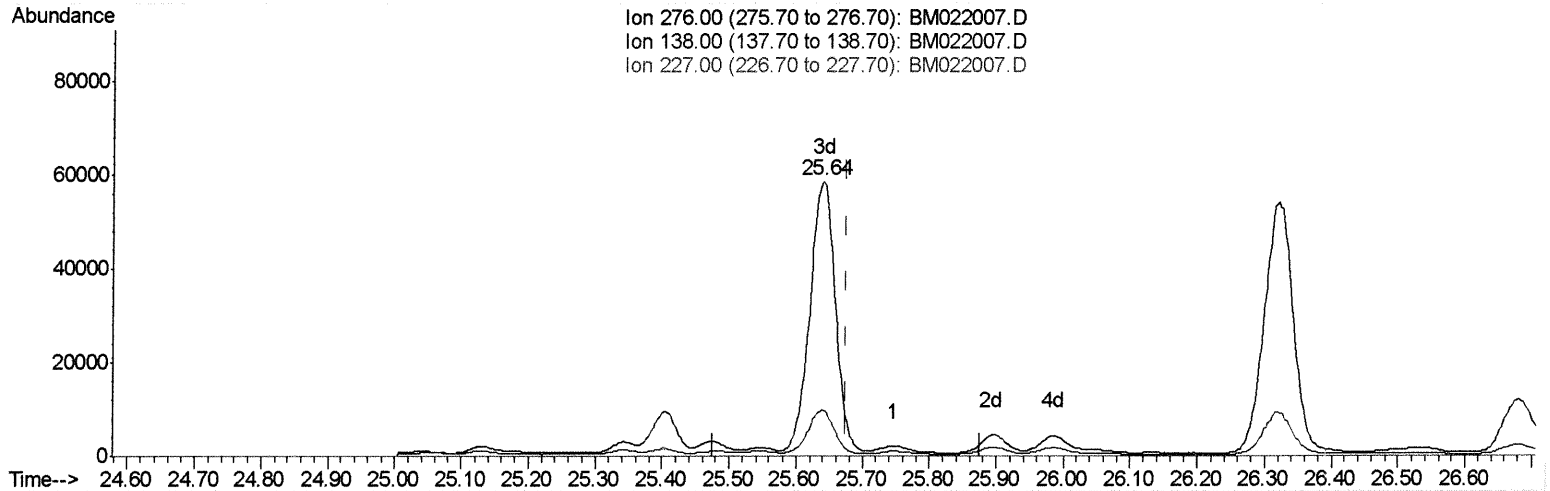
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



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

25.640min (-0.037) 9.52ng/ul m *JU* 08/12/19

response 154090

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.15#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

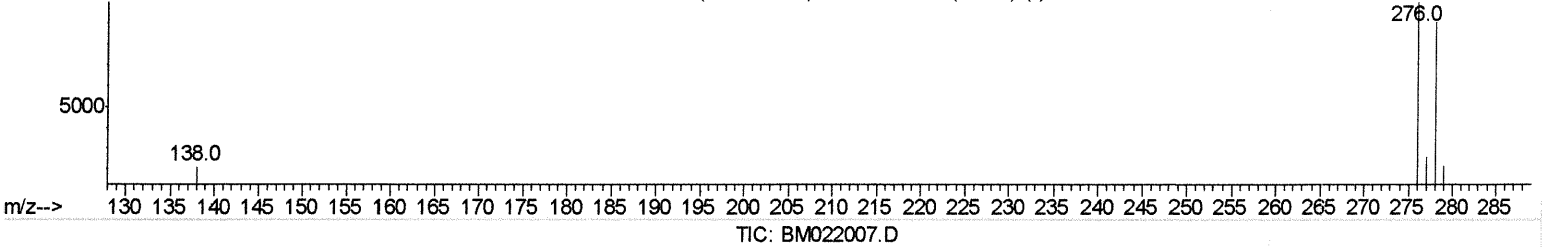
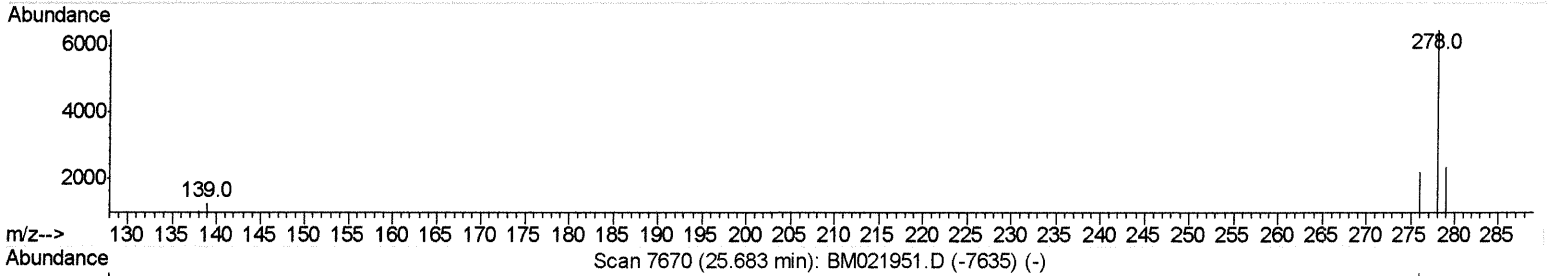
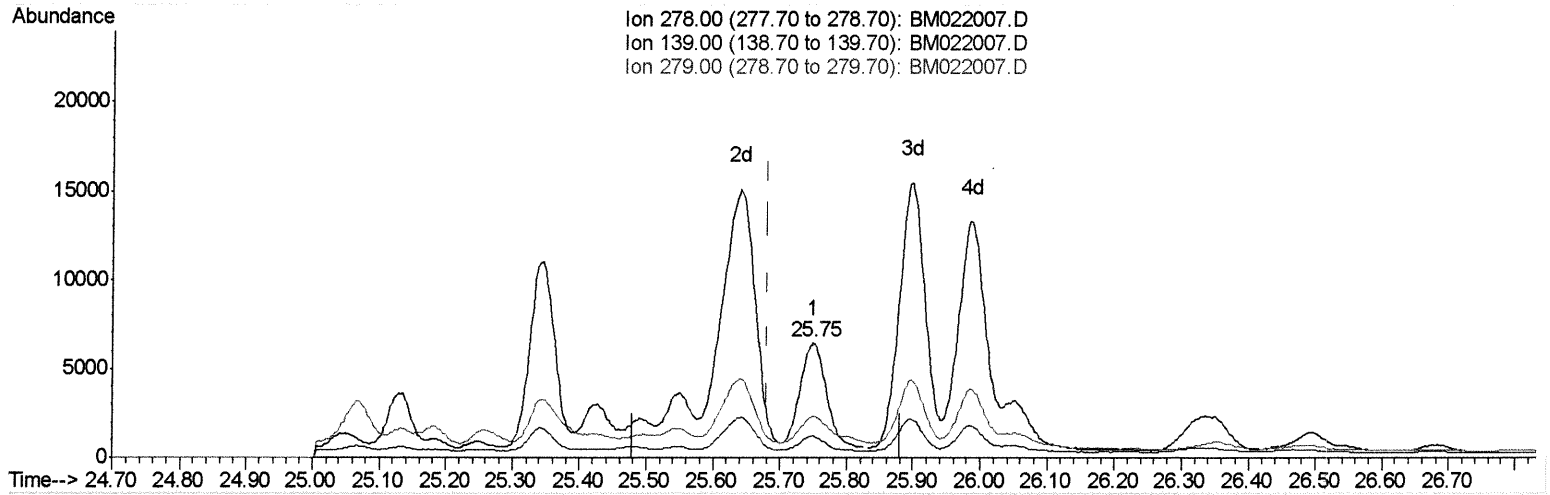
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.749min (+0.068) 1.24ng/ul

response 16243

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	19.10
279.00	35.40	35.96
0.00	0.00	0.00

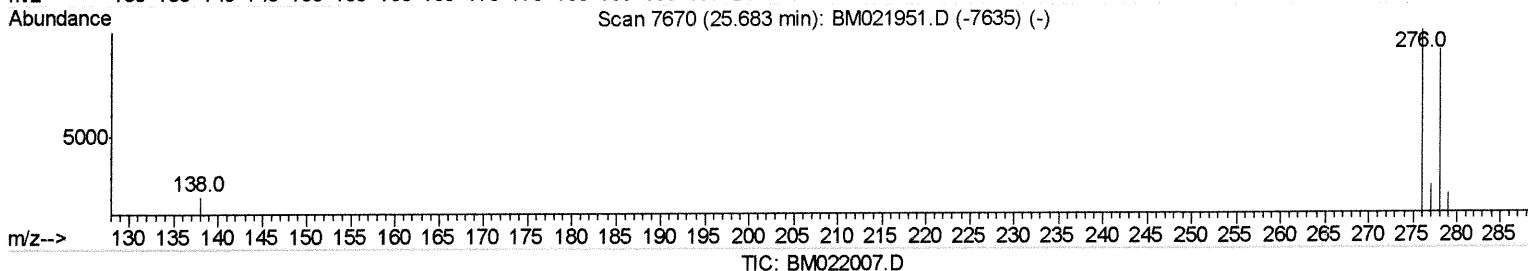
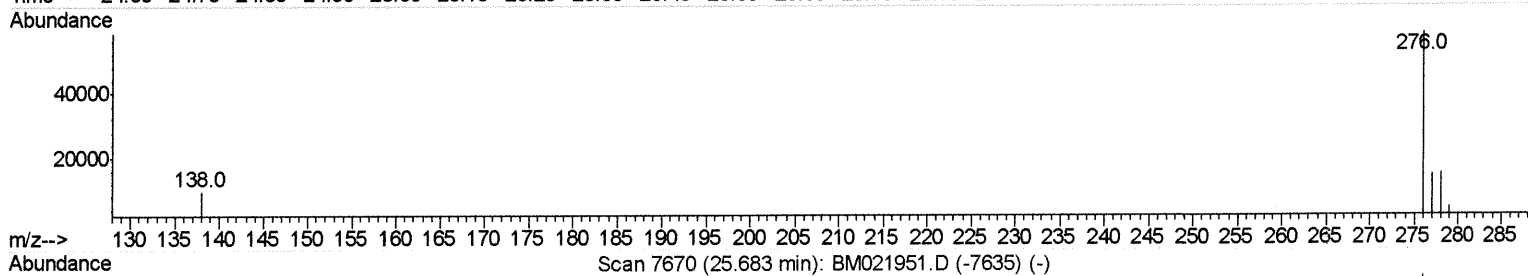
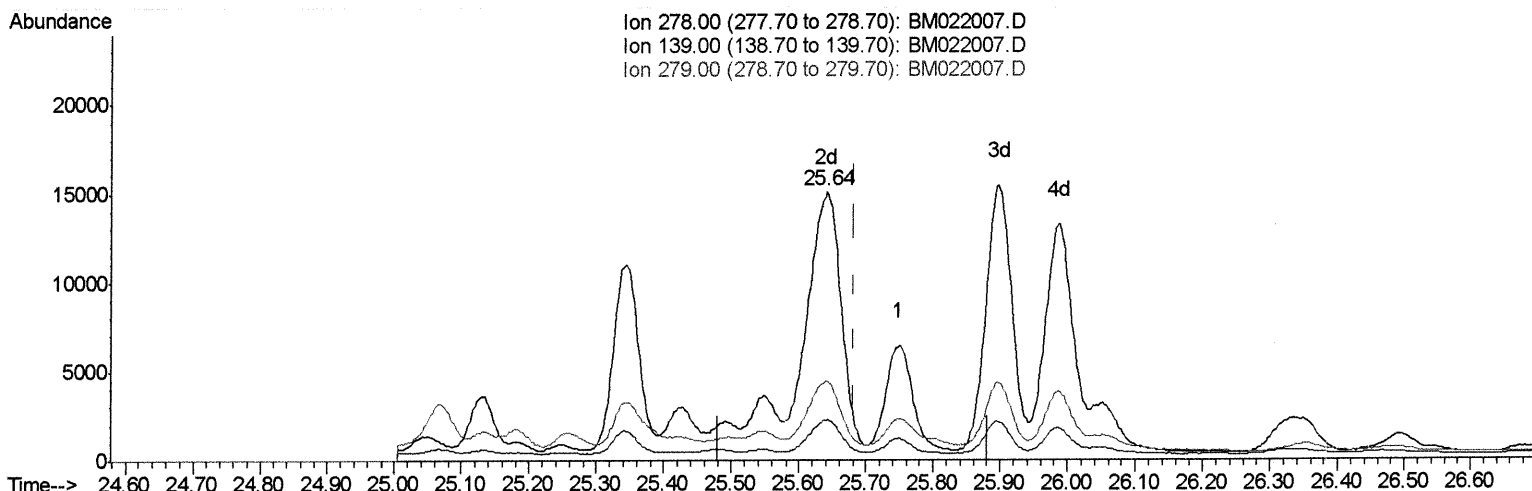
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022007.D
Acq On : 10 Aug 2019 22:35
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BEP68

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.640min (-0.041) 3.76ng/ul m

response 49209

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	15.09
279.00	35.40	29.41
0.00	0.00	0.00

Quantitation Report (Qedit)

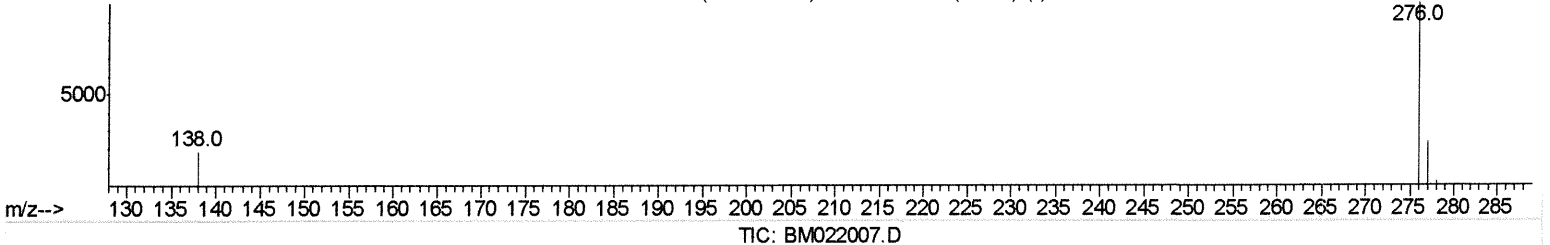
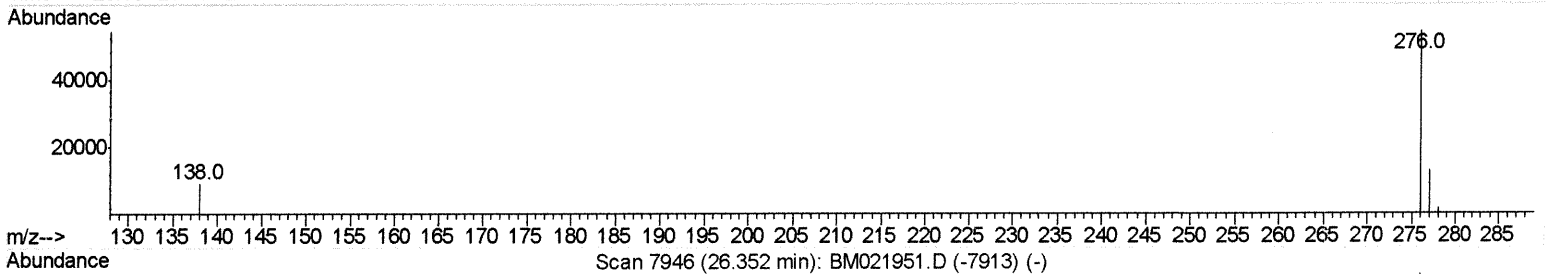
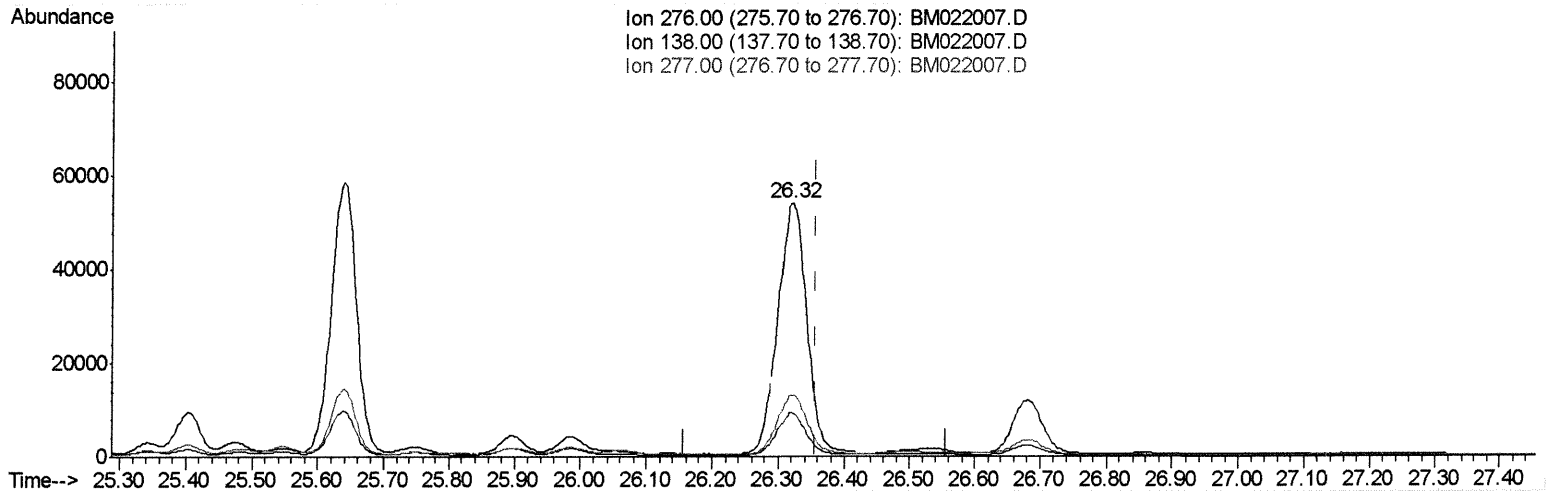
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
 26.321min (-0.037) 10.21ng/ul
 response 148780

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	17.22
277.00	26.80	24.41
0.00	0.00	0.00

Quantitation Report (Qedit)

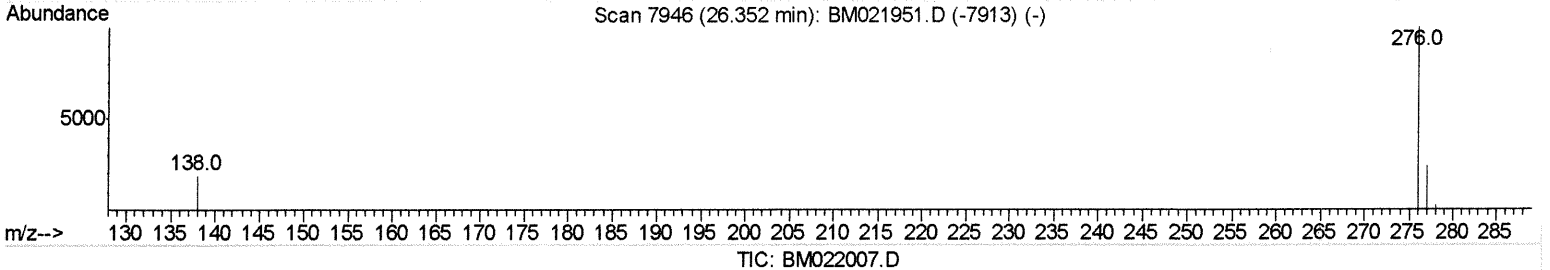
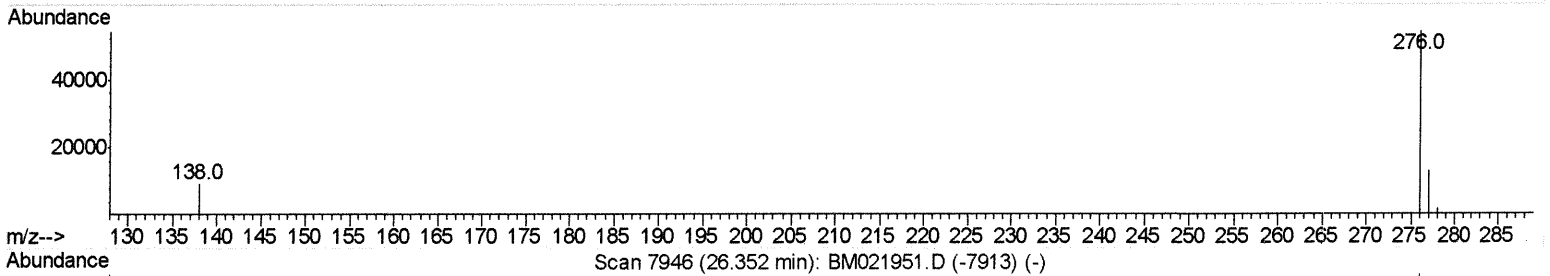
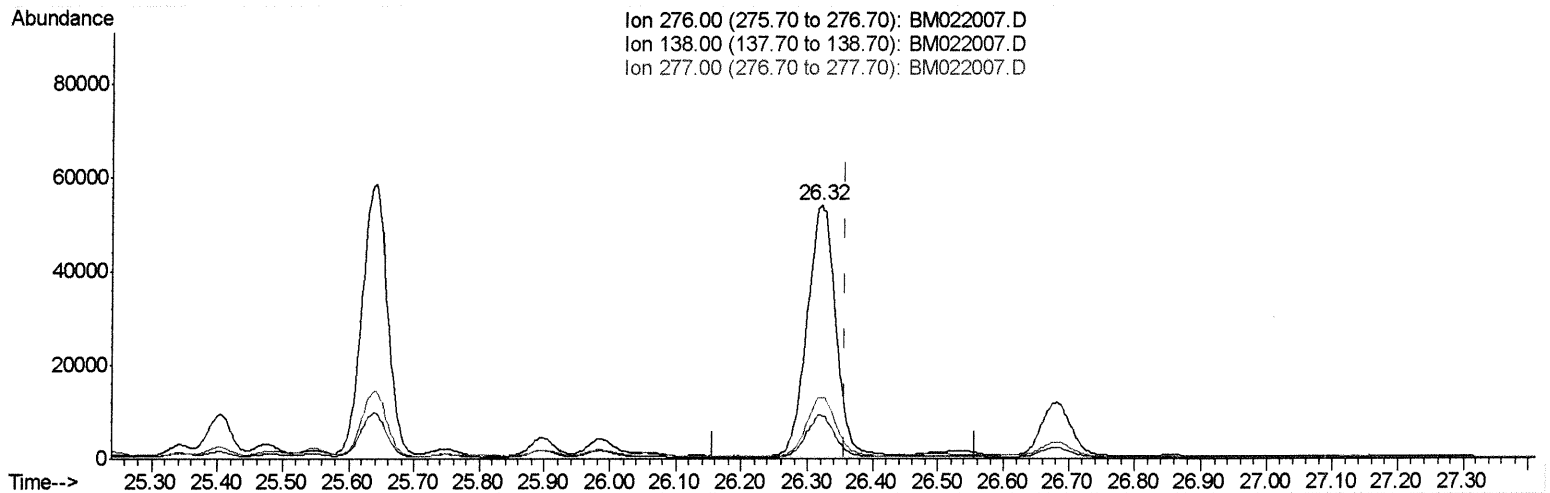
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:56:53 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



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

26.321min (-0.037) 11.20ng/ul m

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08/12/19

response 163099

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	17.22
277.00	26.80	24.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:58:43 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	654	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	2689	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1452	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3660m→	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3792m→	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	3952m→	0.40	ng/ul	-0.02

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.00	152	879	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	2995m→	0.24	ng/ul	-0.02

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Target Compounds

					Ovalue	
3) Naphthalene	10.44	128	3388	0.446	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	2106	0.416	ng/ul	98
7) Acenaphthylene	13.99	152	9916	1.464	ng/ul#	82
8) Acenaphthene	14.32	153	5370	0.969	ng/ul	95
9) Fluorene	15.32	166	6022	0.979	ng/ul	100
11) Pentachlorophenol	16.69	266	118m→	0.175	ng/ul	
12) Phenanthrene	17.06	178	134061m→	12.589	ng/ul	
13) Anthracene	17.15	178	34597m→	3.808	ng/ul	
15) Fluoranthene	19.09	202	339845m→	23.823	ng/ul	
17) Pyrene	19.45	202	434758	27.900	ng/ul	98
18) Benzo(a)anthracene	21.21	228	293493m→	21.638	ng/ul	
19) Chrysene	21.26	228	296971	17.024	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	321619m→	24.133	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	115912m→	7.686	ng/ul	
23) Benzo(a)pyrene	23.34	252	274164m→	20.229	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	154090m→	9.522	ng/ul	
25) Dibenzo(a,h)anthracene	25.64	278	49209m→	3.762	ng/ul	
26) Benzo(a,h,i)perylene	26.32	276	163099m→	11.195	ng/ul	

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