

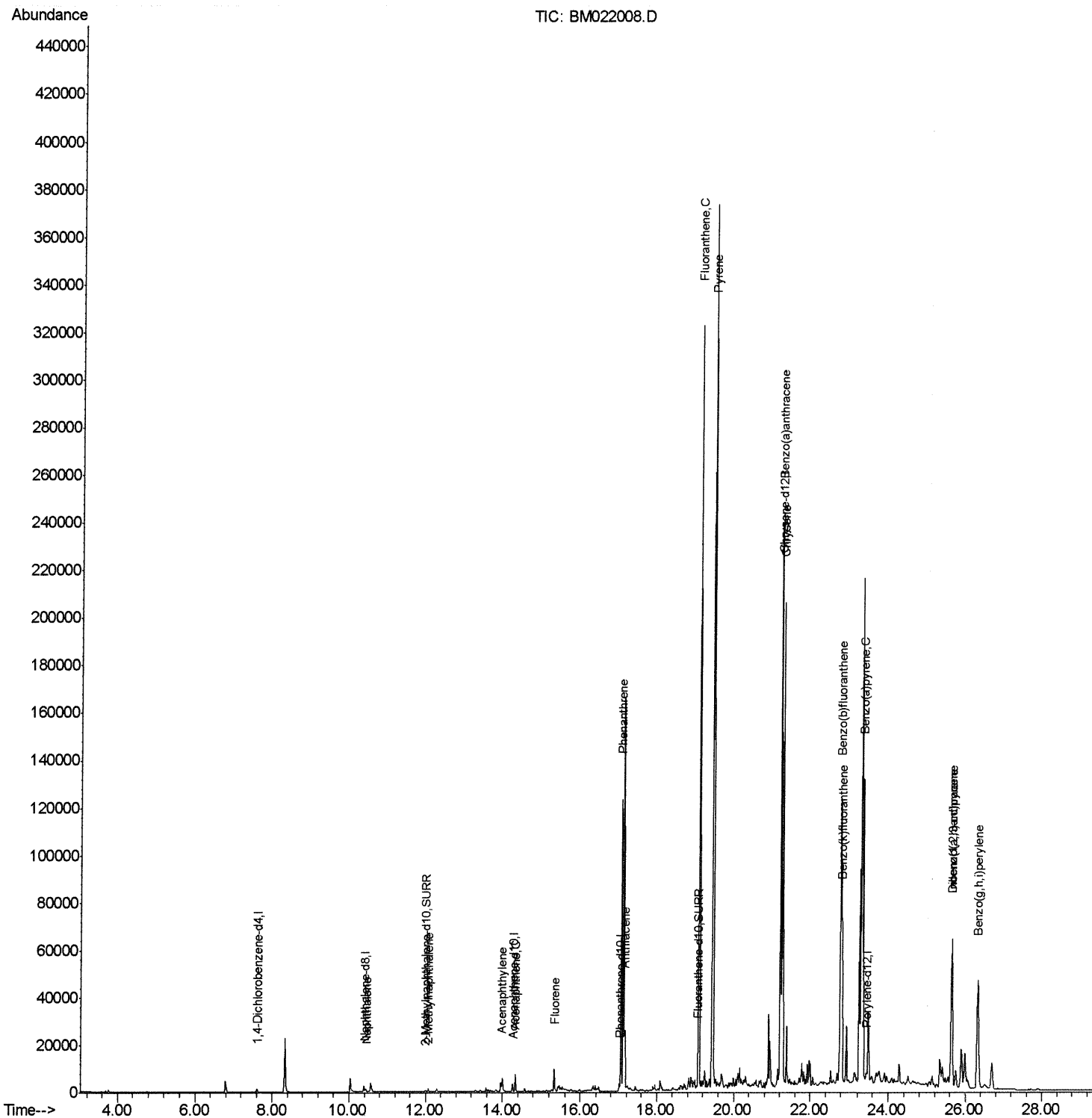
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022008.D
Acq On : 10 Aug 2019 23:12
Operator : HP/JU
Sample : K4028-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP69

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:03:29 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)

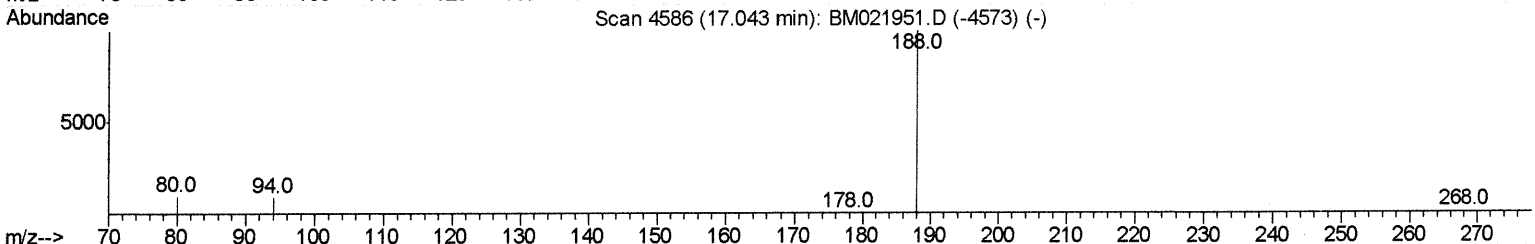
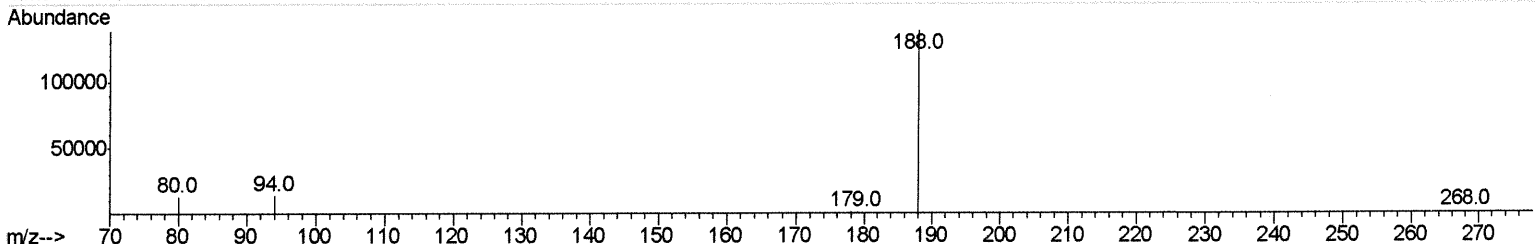
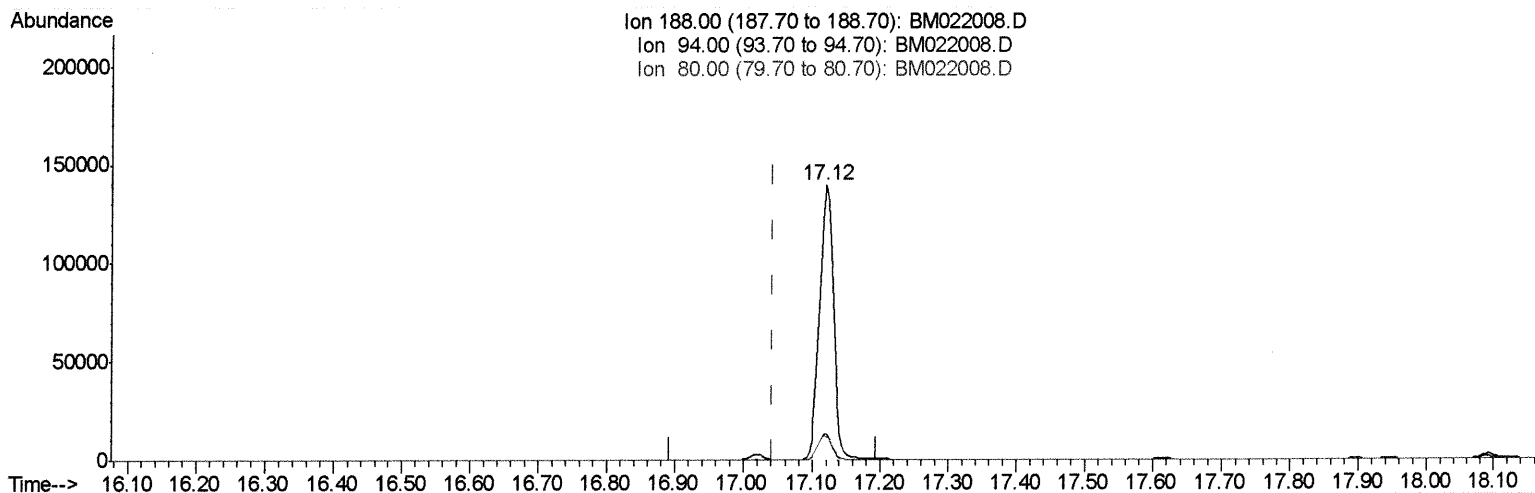
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 02:59:23 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: BM022008.D

(10) Phenanthrene-d10 (I)

17.119min (+0.075) 0.40ng/ul

response 192391

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.36
80.00	11.40	8.76#
0.00	0.00	0.00

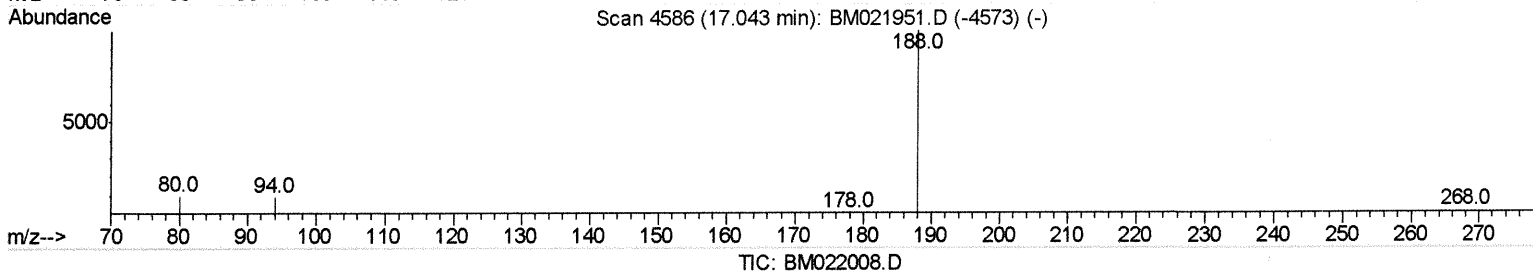
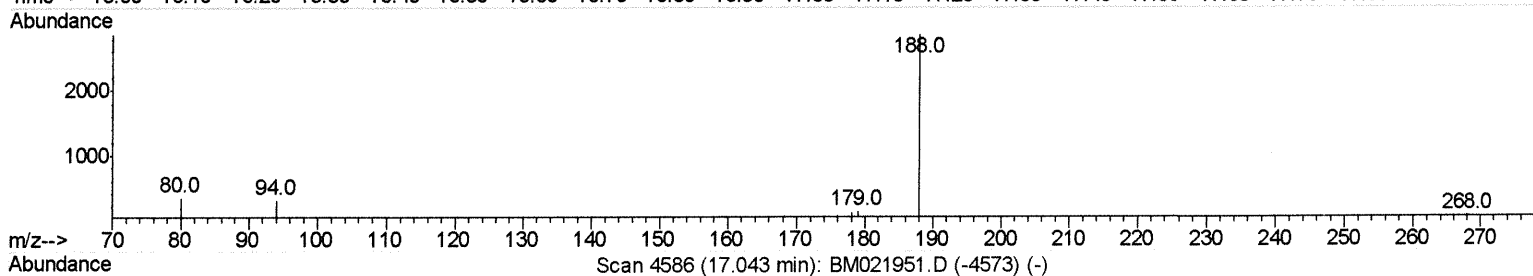
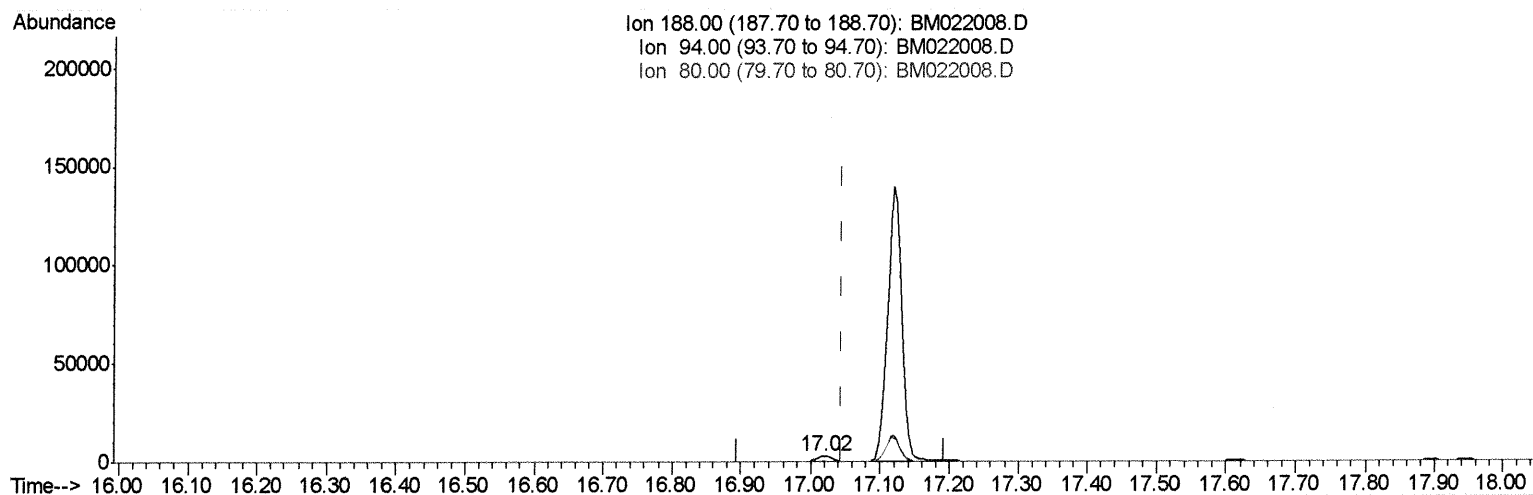
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022008.D
Acq On : 10 Aug 2019 23:12
Operator : HP/JU
Sample : K4028-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP69

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:22 AM

Quant Time: Aug 11 02:59:23 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)

17.018min (-0.026) 0.40ng/ul m *JU* 08/12/19

response 4130

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.81
80.00	11.40	12.00
0.00	0.00	0.00

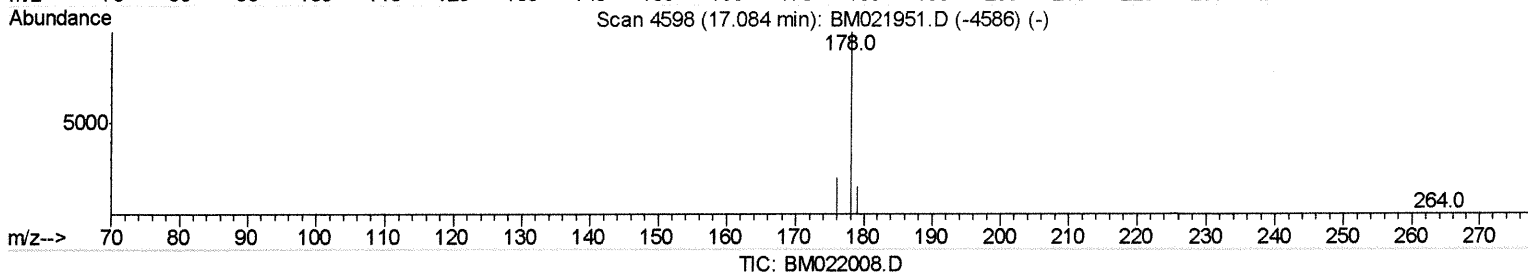
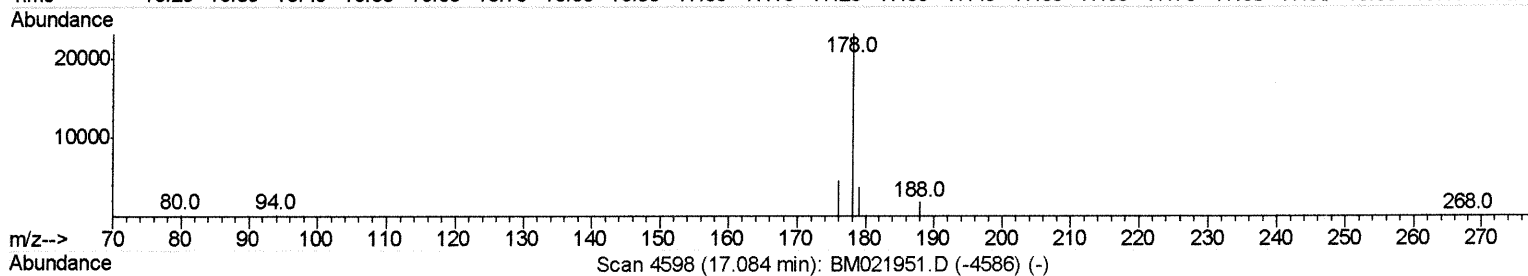
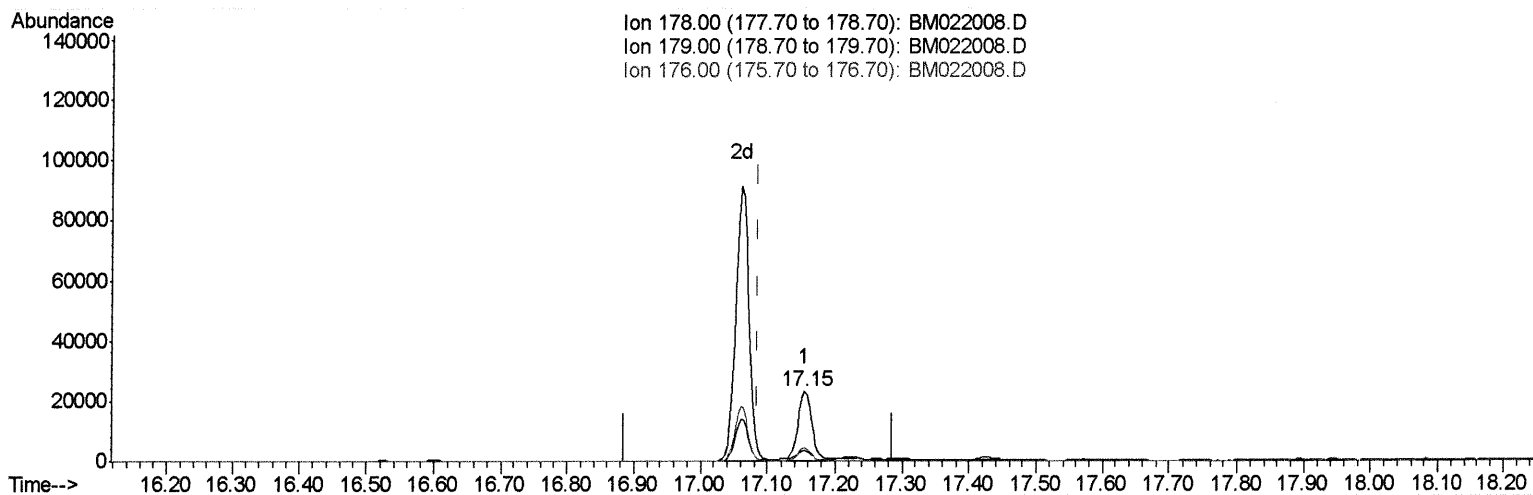
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022008.D
Acq On : 10 Aug 2019 23:12
Operator : HP/JU
Sample : K4028-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP69

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:00:26 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) 2.82ng/ul

response 33883

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.30
176.00	21.00	19.31
0.00	0.00	0.00

Quantitation Report (Qedit)

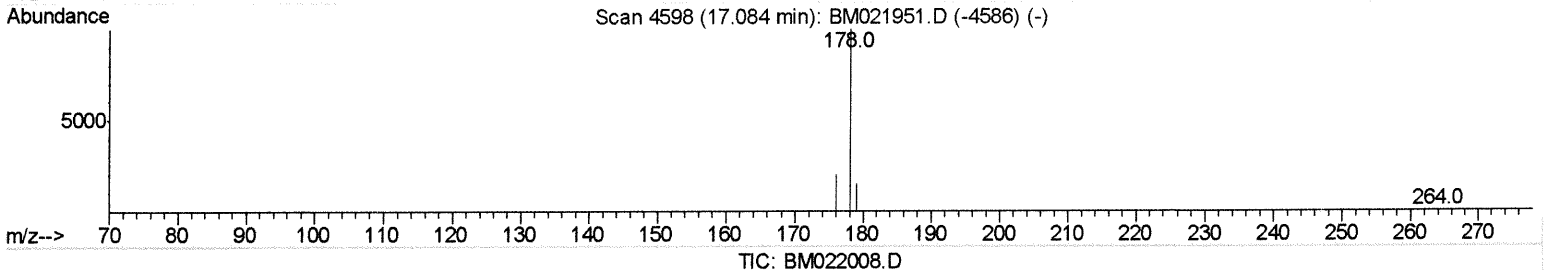
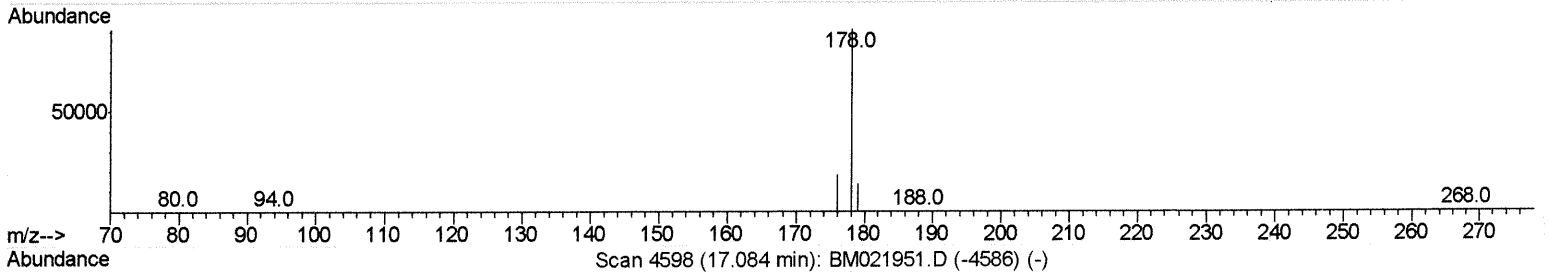
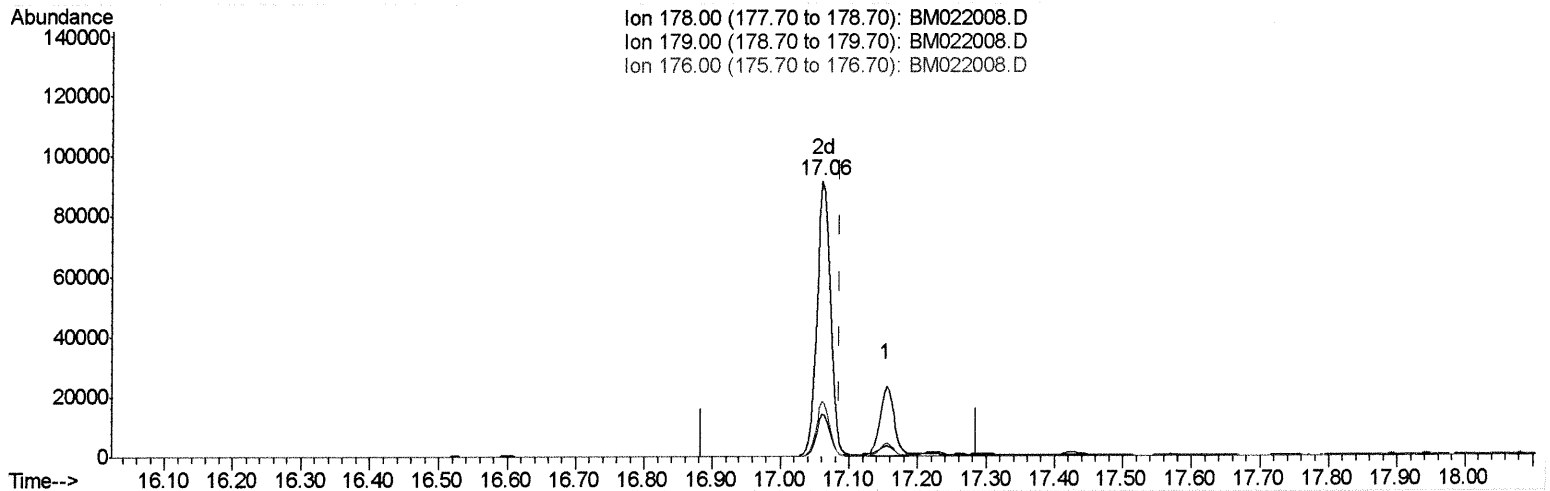
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:00:26 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

17.060min (-0.026) 10.47ng/ul m *JU 08/12/19*

response 125815

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.38
176.00	21.00	19.79
0.00	0.00	0.00

Quantitation Report (Qedit)

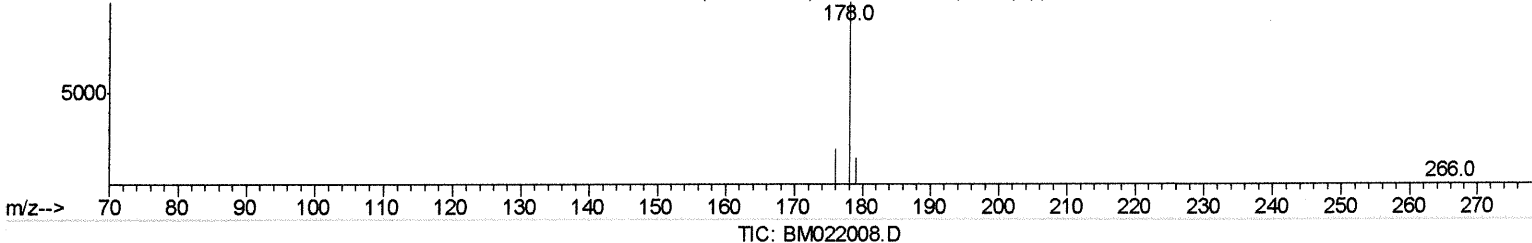
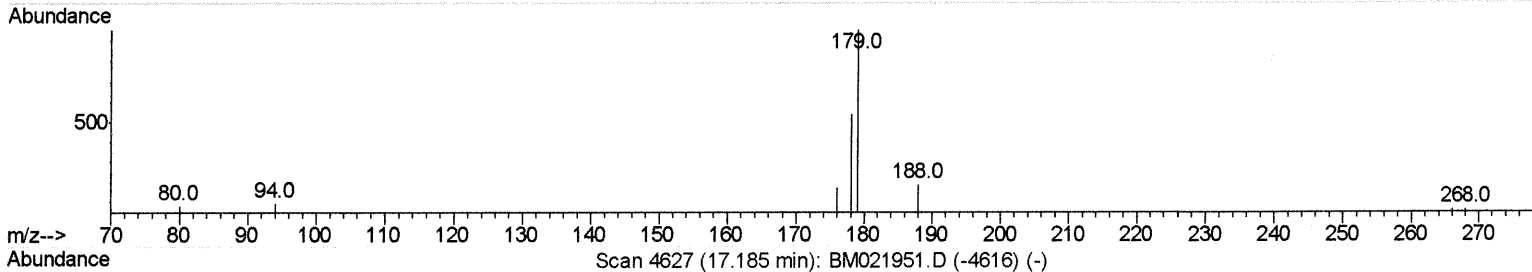
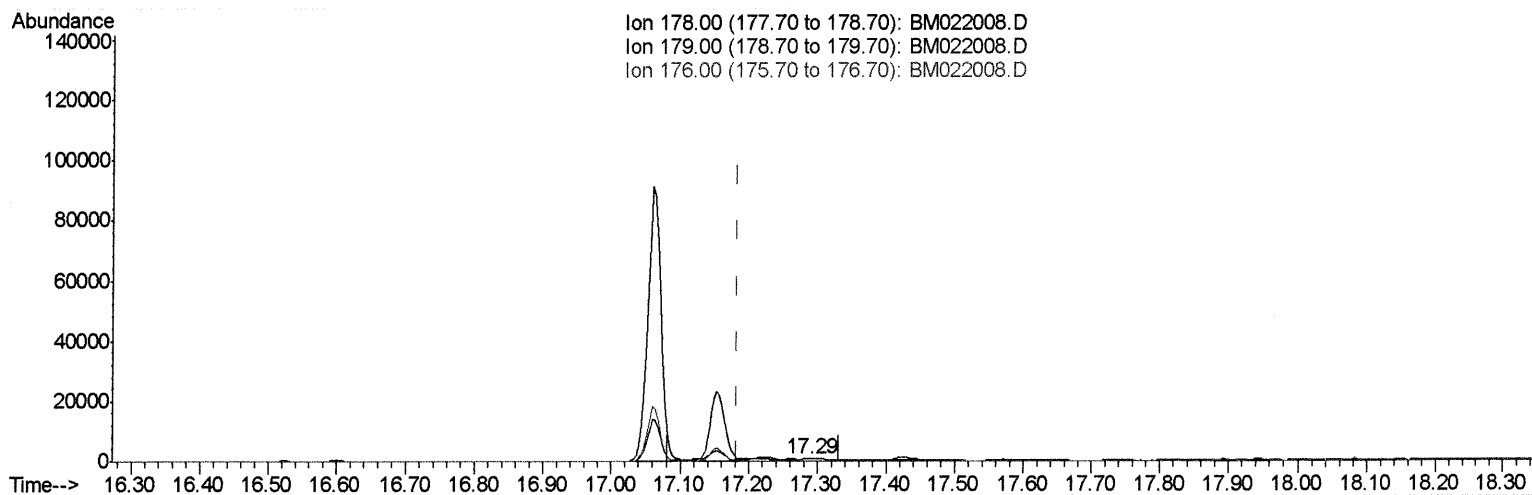
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BEP69

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:00:26 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

17.289min (+0.106) 0.07ng/ul

response 703

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	179.21#
176.00	20.80	32.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

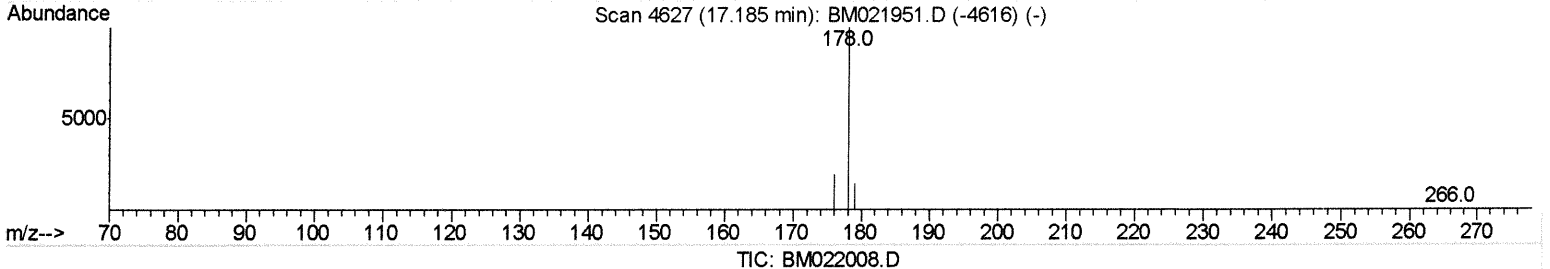
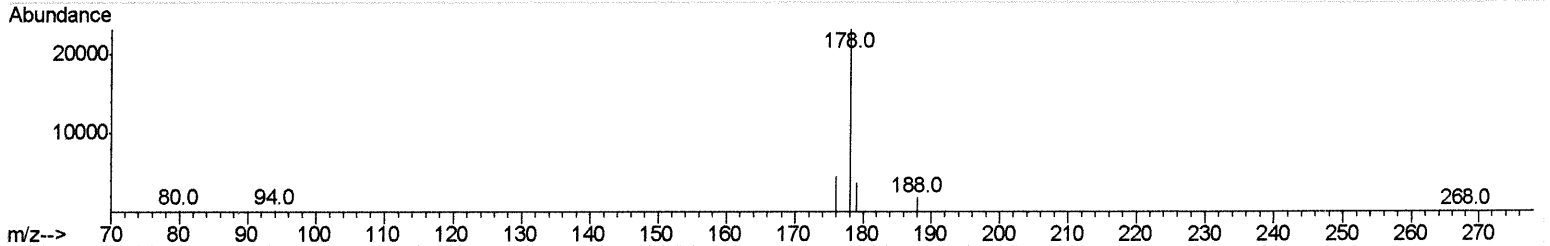
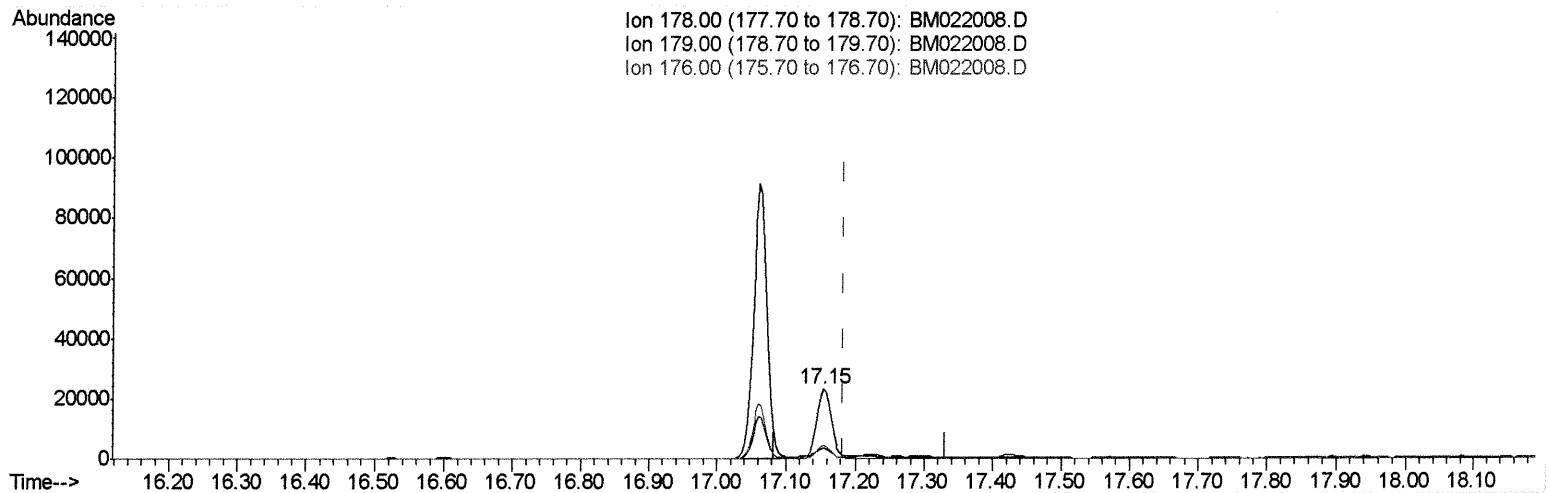
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BEP69

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:00:26 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) 3.33ng/ul m *JU 08/12/19*

response 34110

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	16.30
176.00	20.80	19.31
0.00	0.00	0.00

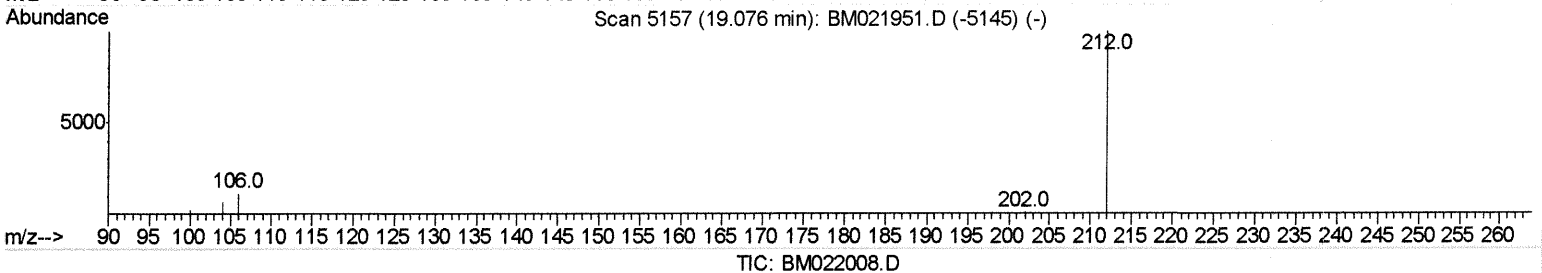
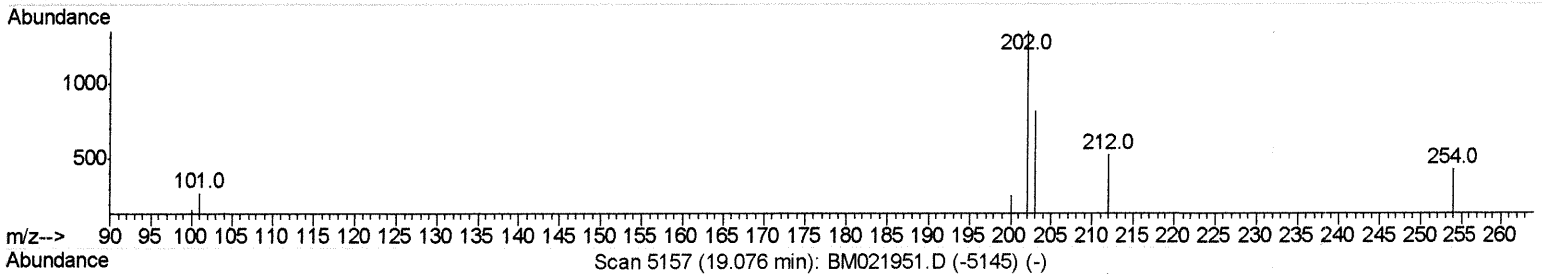
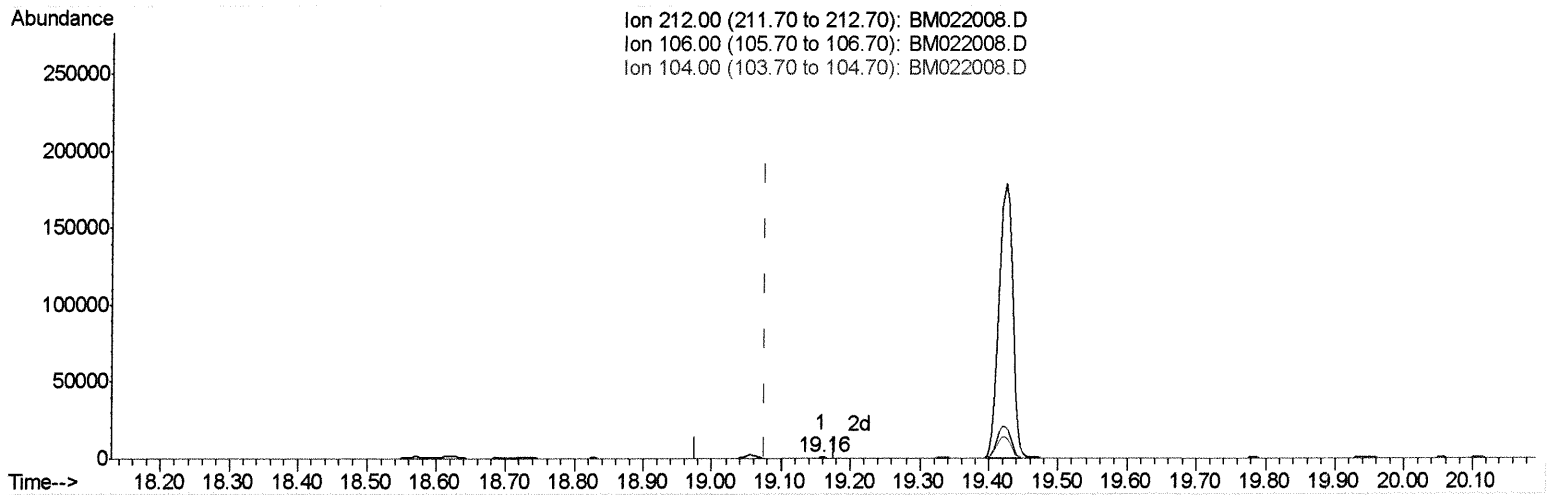
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022008.D
Acq On : 10 Aug 2019 23:12
Operator : HP/JU
Sample : K4028-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP69

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:00:26 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)

19.160min (+0.082) 0.04ng/ul

response 563

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	7.99
104.00	6.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

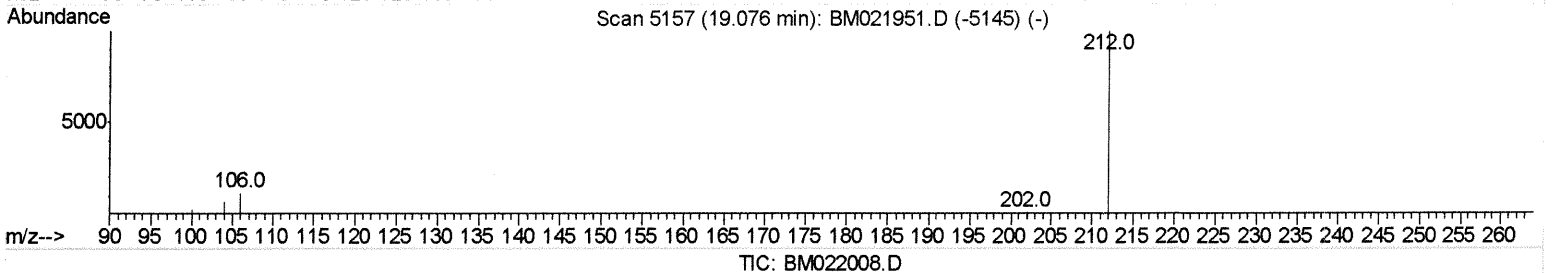
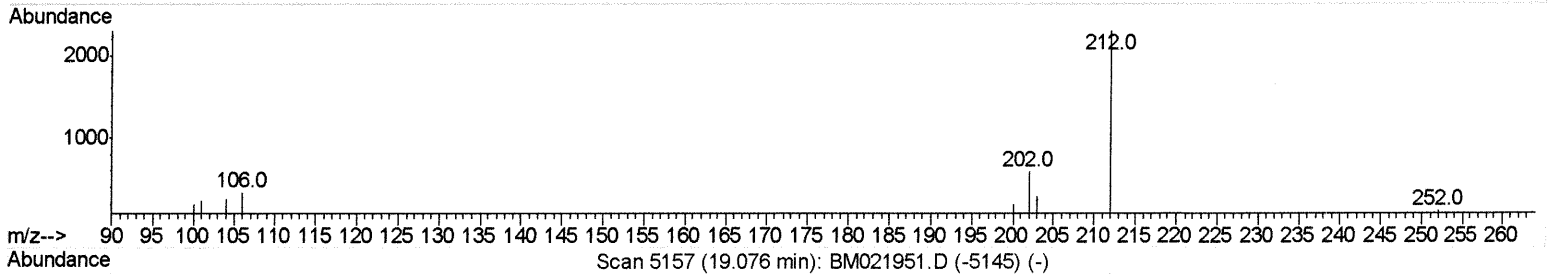
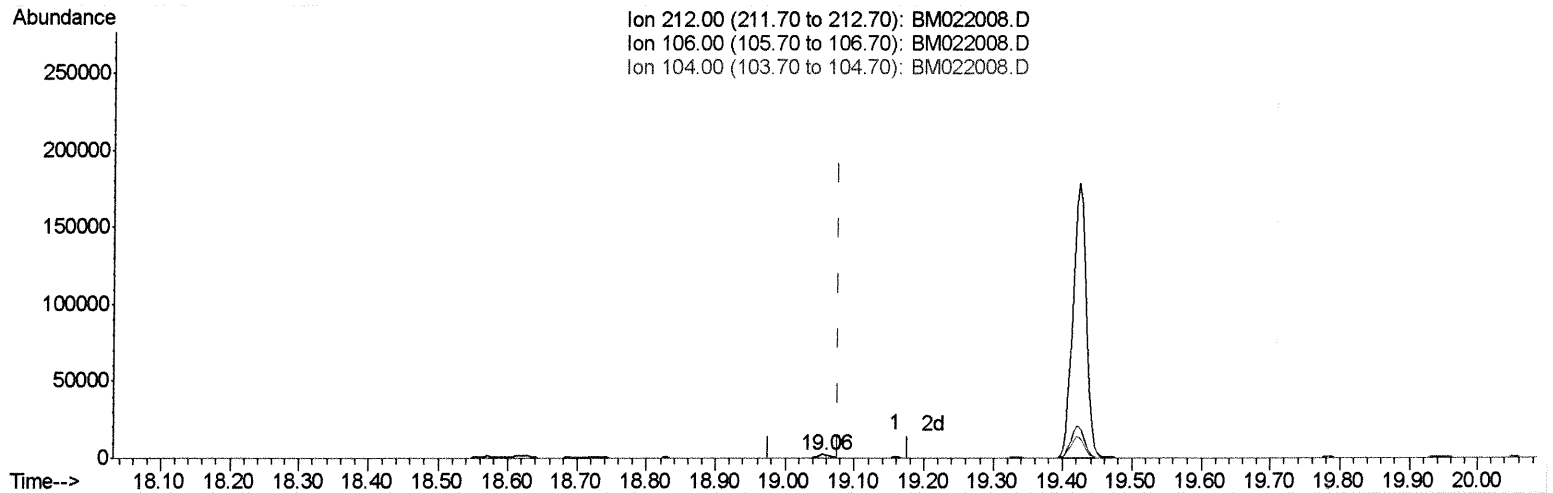
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:00:26 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)

19.057min (-0.021) 0.23ng/ul m *JU 08/12/19*

response 3246

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	1.39#
104.00	6.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

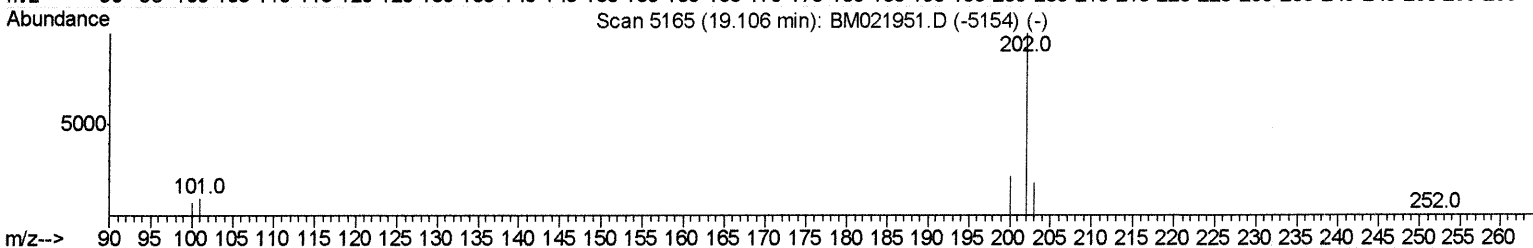
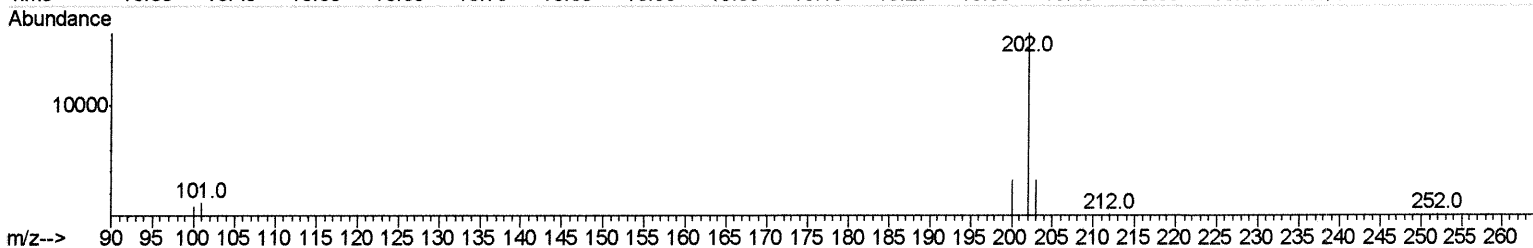
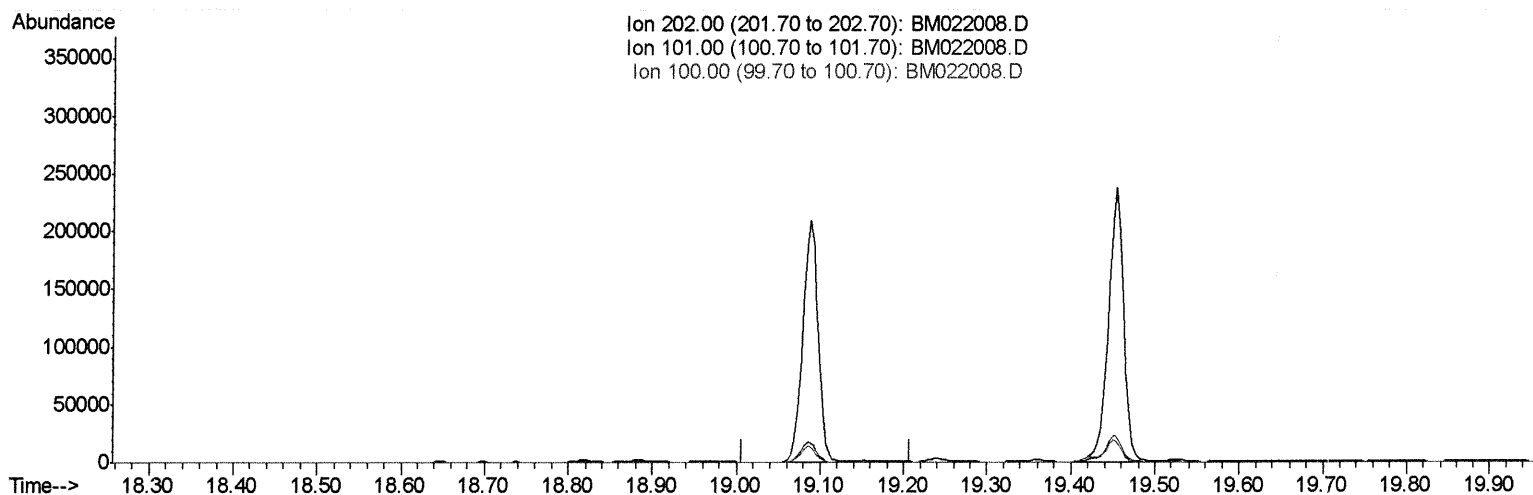
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022008.D
Acq On : 10 Aug 2019 23:12
Operator : HP/JU
Sample : K4028-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP69

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:00:26 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: BM022008.D

(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

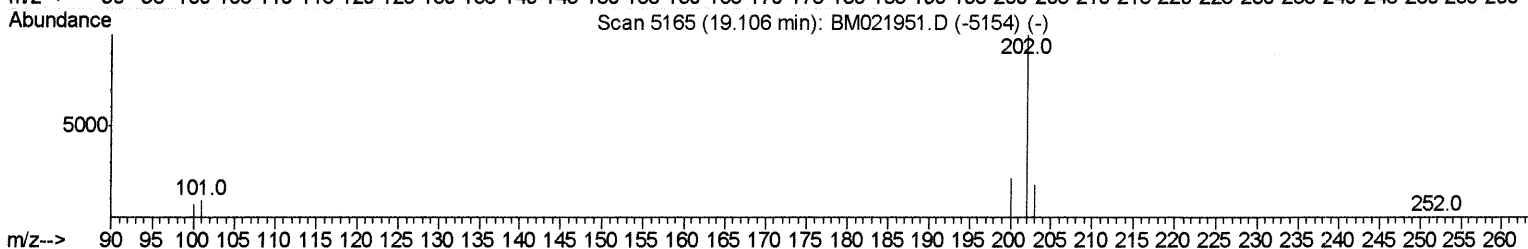
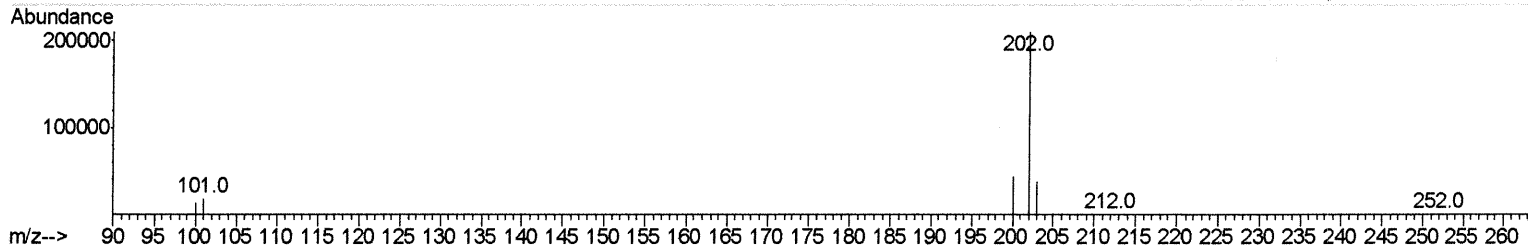
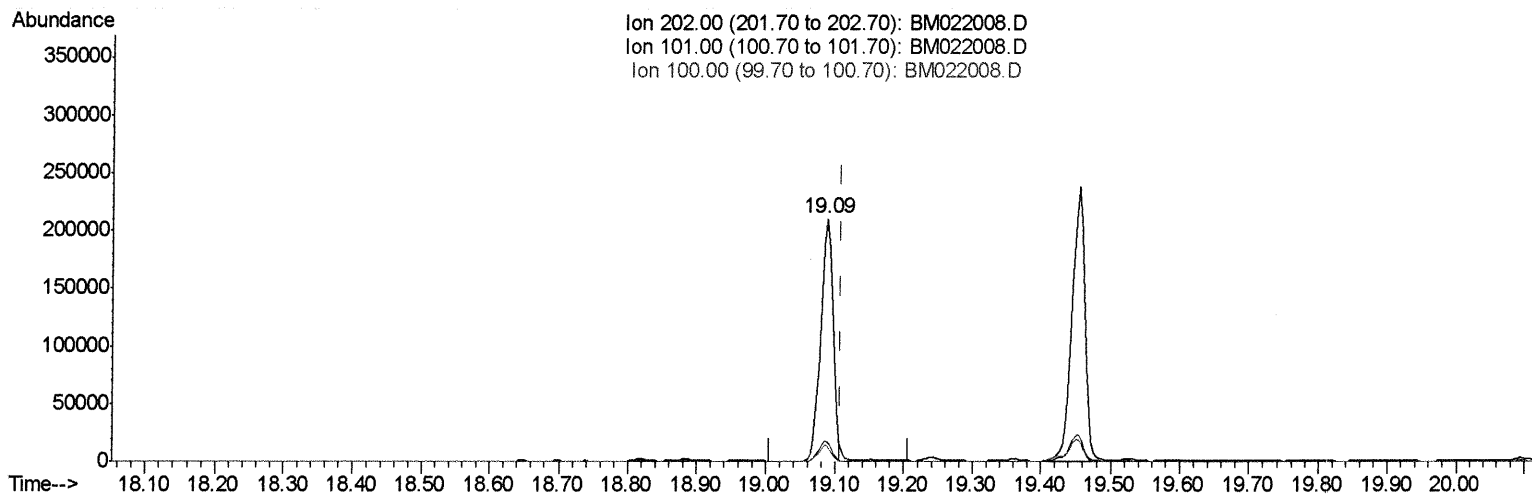
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022008.D
Acq On : 10 Aug 2019 23:12
Operator : HP/JU
Sample : K4028-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BEP69

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:00:26 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: BM022008.D

(15) Fluoranthene (C)

19.087min (-0.021) 16.74ng/ul m

JU
08/12/19

response 269511

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

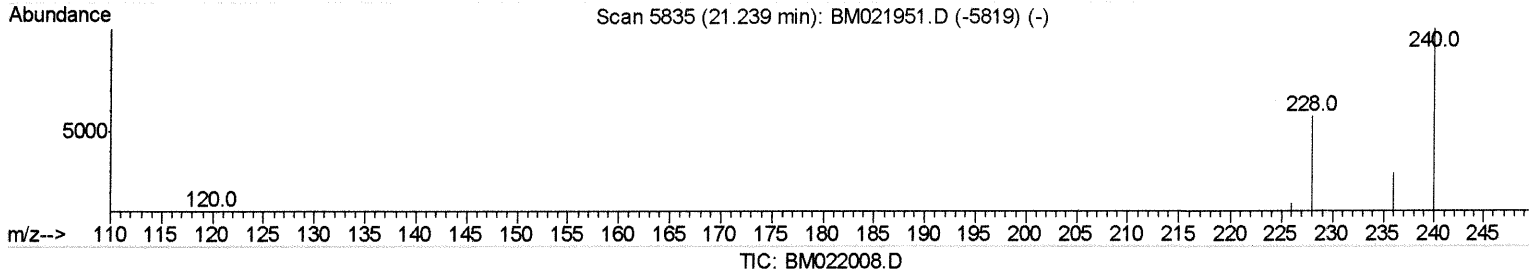
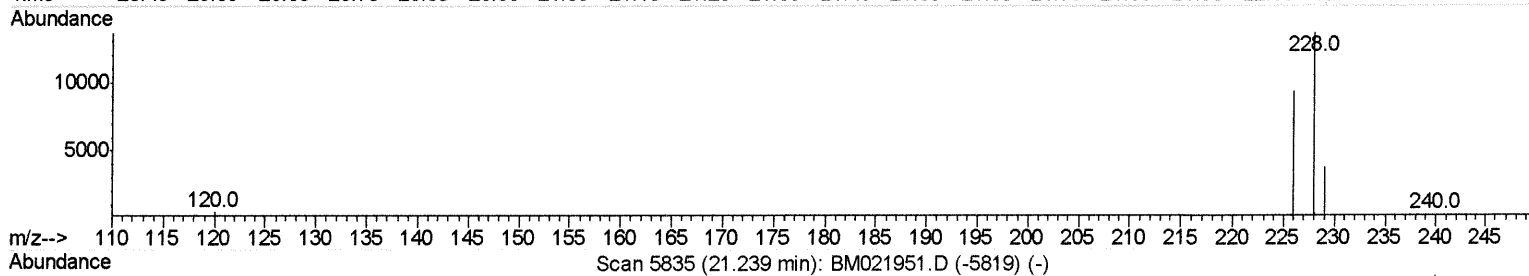
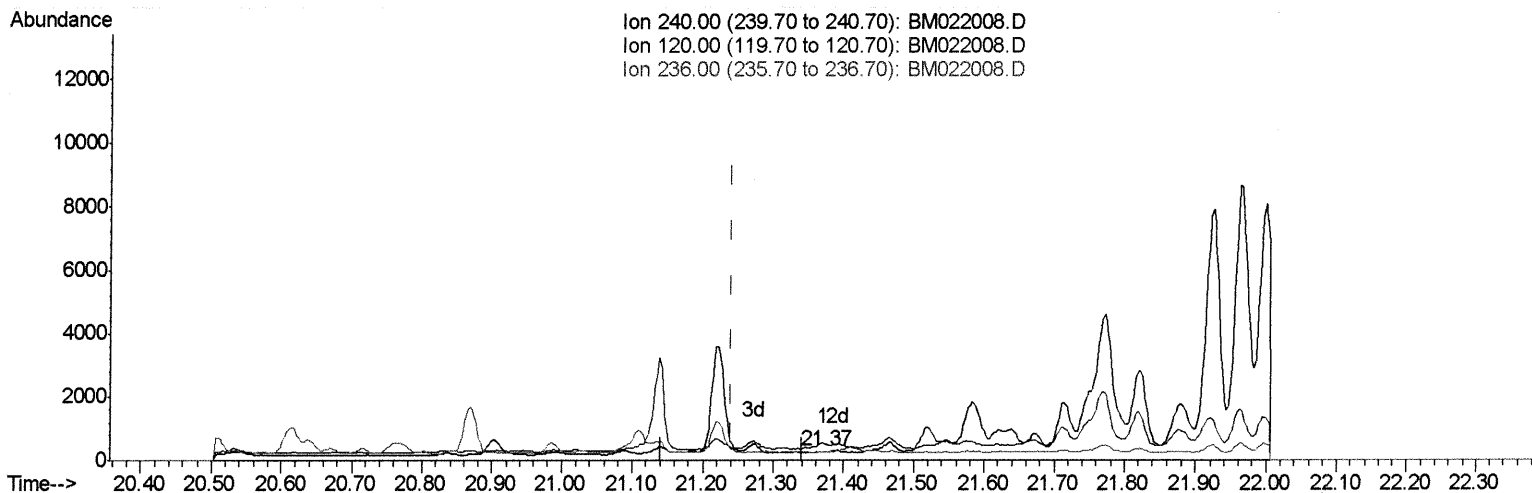
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022008.D
Acq On : 10 Aug 2019 23:12
Operator : HP/JU
Sample : K4028-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP69

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:00:26 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)

21.372min (+0.130) 0.40ng/ul

response 65

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	189.76#
236.00	32.30	98.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

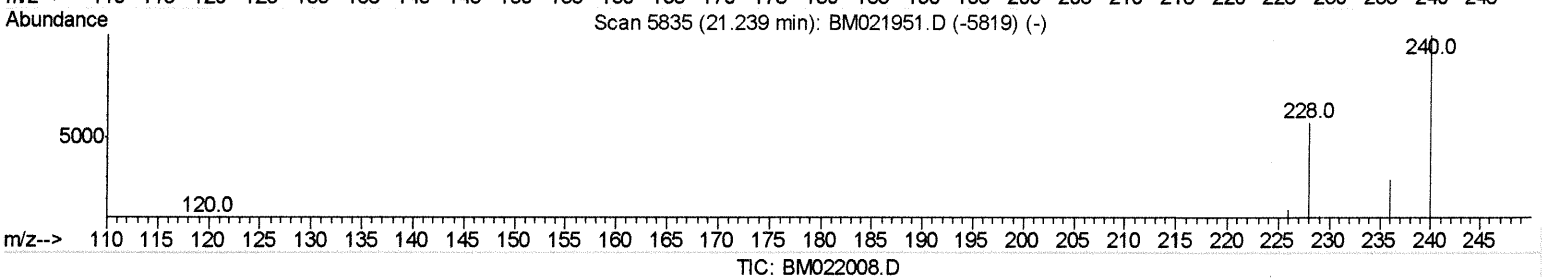
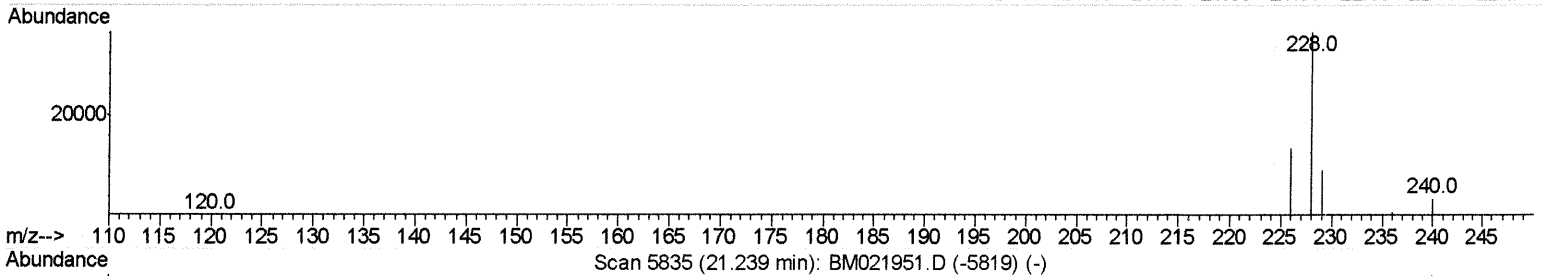
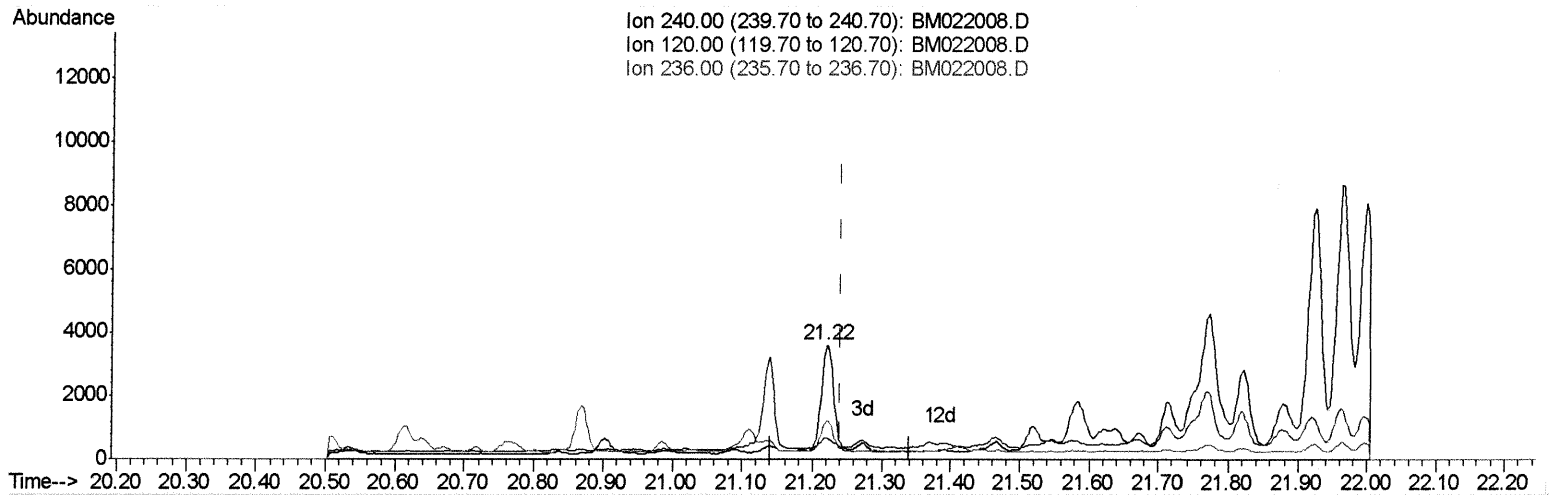
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:00:26 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)

21.219min (-0.022) 0.40ng/ul m *JU* 08/12/19

response 4139

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	18.50
236.00	32.30	33.43
0.00	0.00	0.00

Quantitation Report (Qedit)

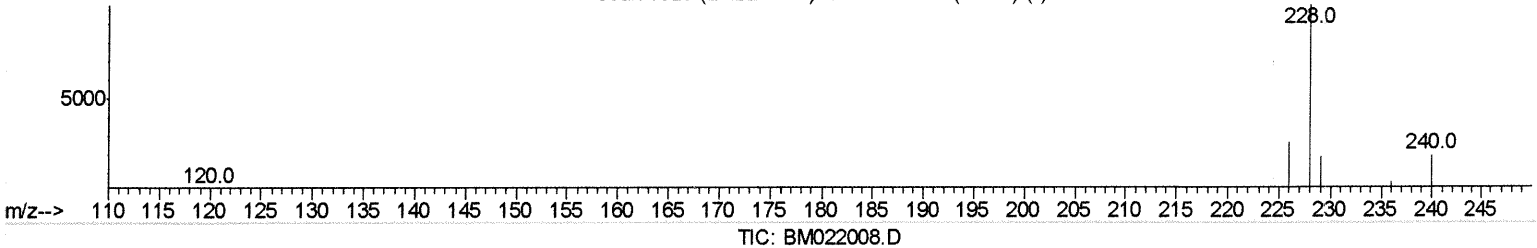
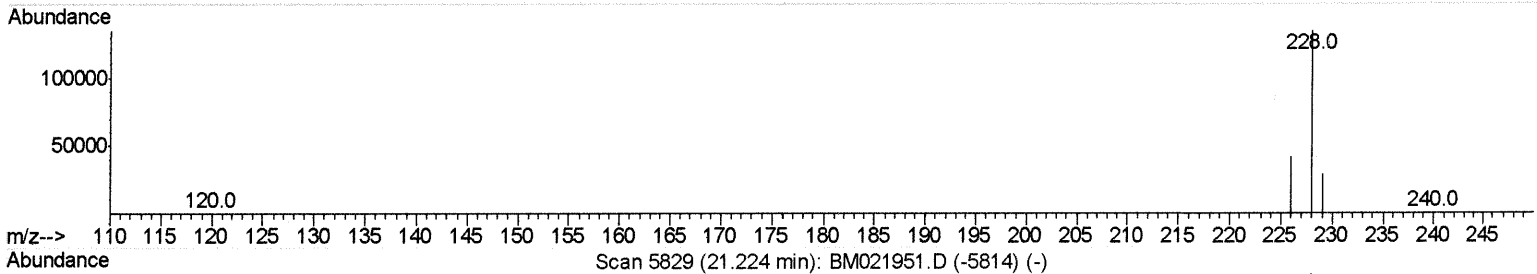
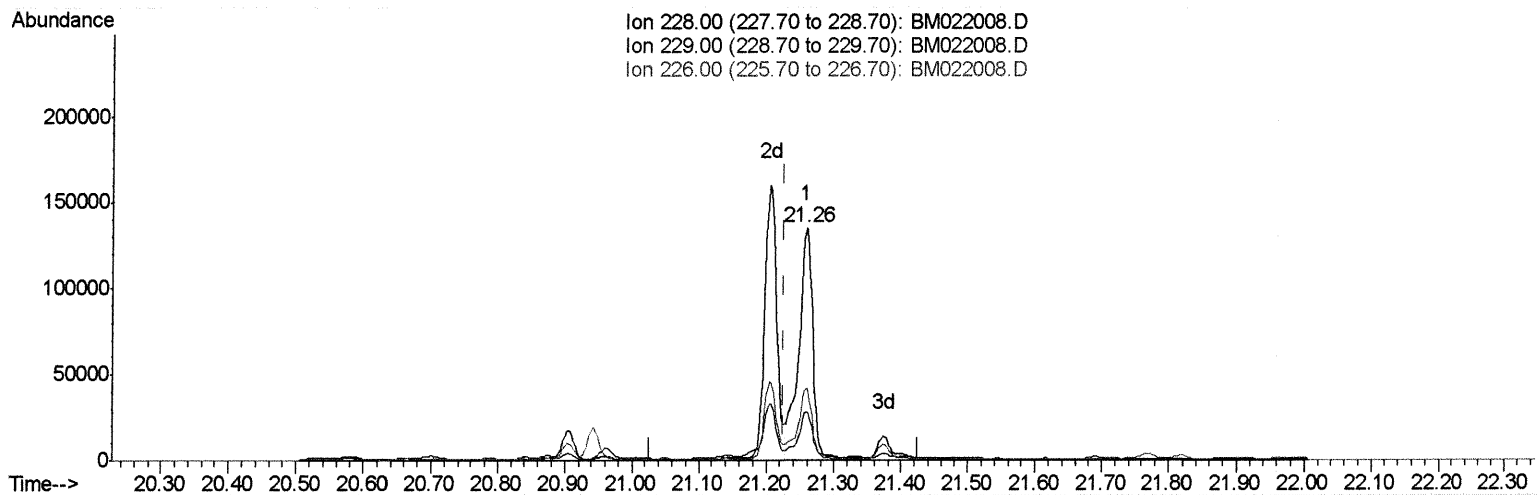
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BEP69

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:01:51 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.258min (+0.031) 13.10ng/ul

response 193997

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.14
226.00	28.30	31.01
0.00	0.00	0.00

Quantitation Report (Qedit)

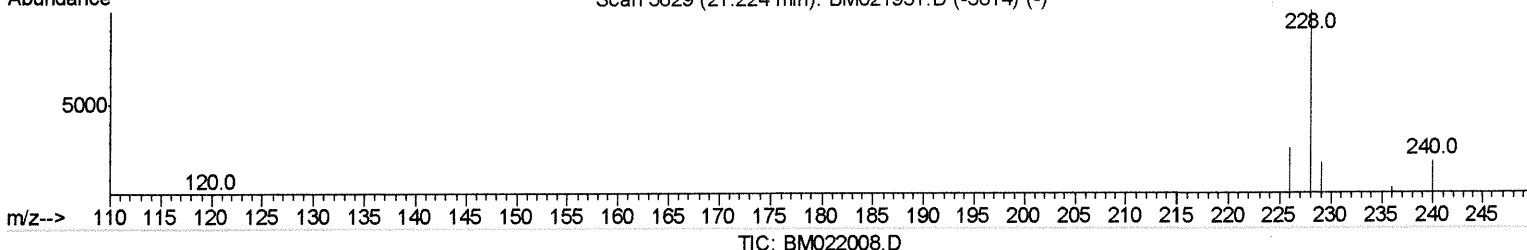
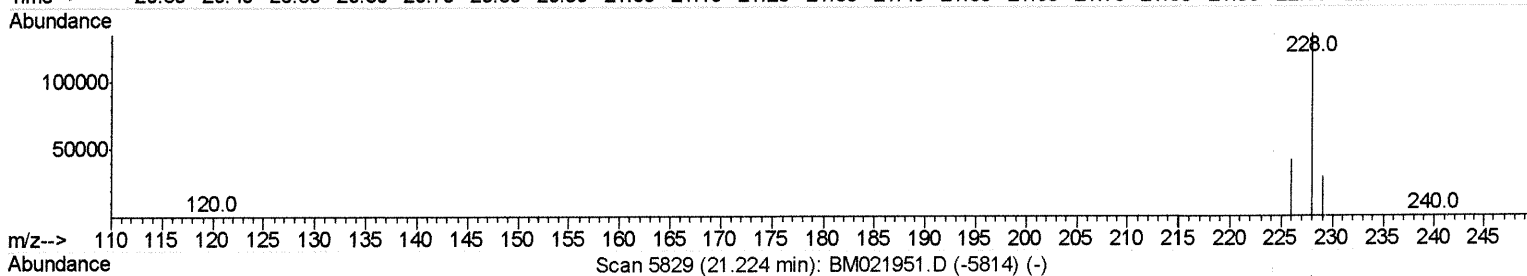
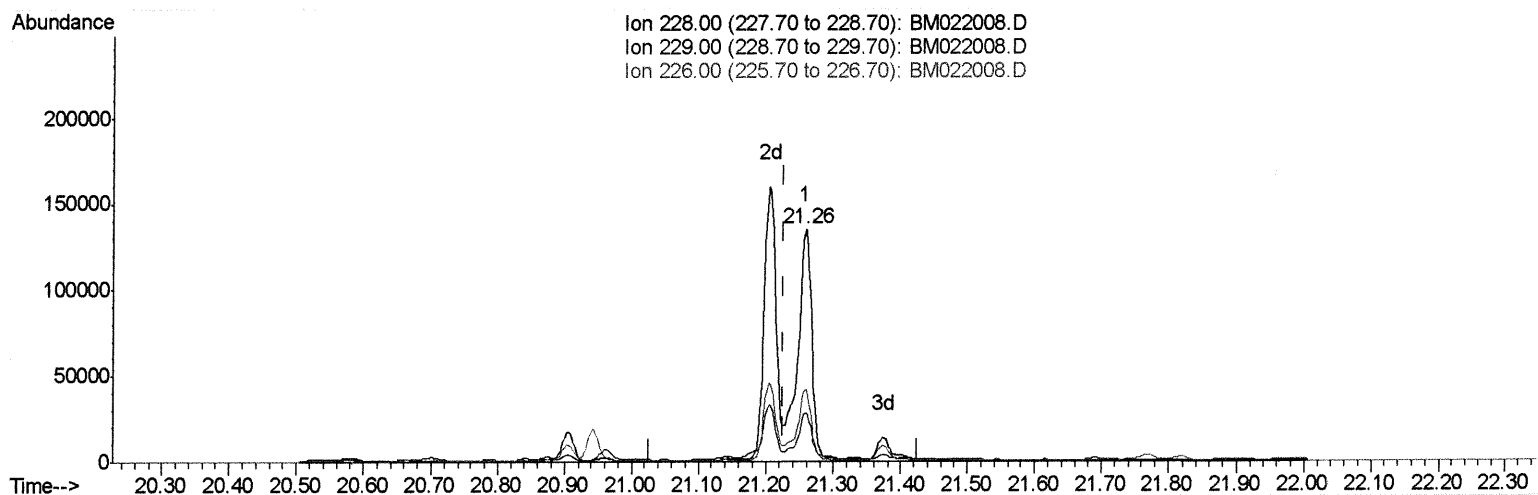
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022008.D
Acq On : 10 Aug 2019 23:12
Operator : HP/JU
Sample : K4028-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP69

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:01:51 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 : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.258min (+0.031) 13.10ng/ui

response 193997

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.14
226.00	28.30	31.01
0.00	0.00	0.00

Quantitation Report (Qedit)

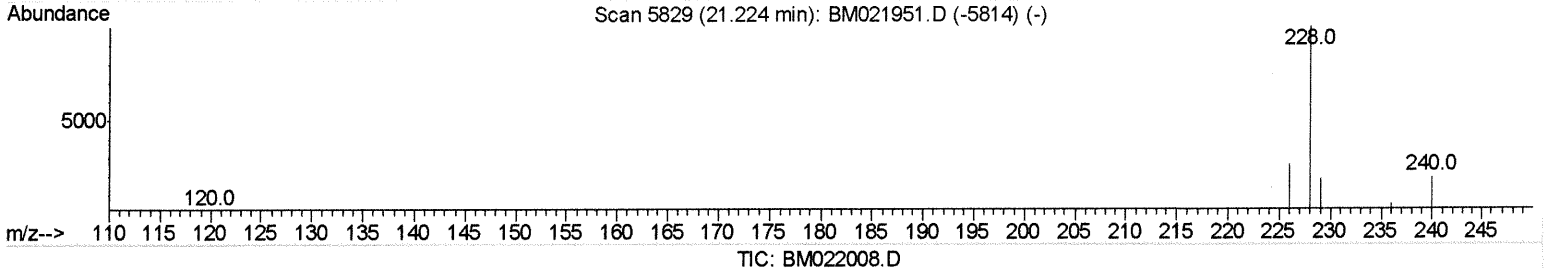
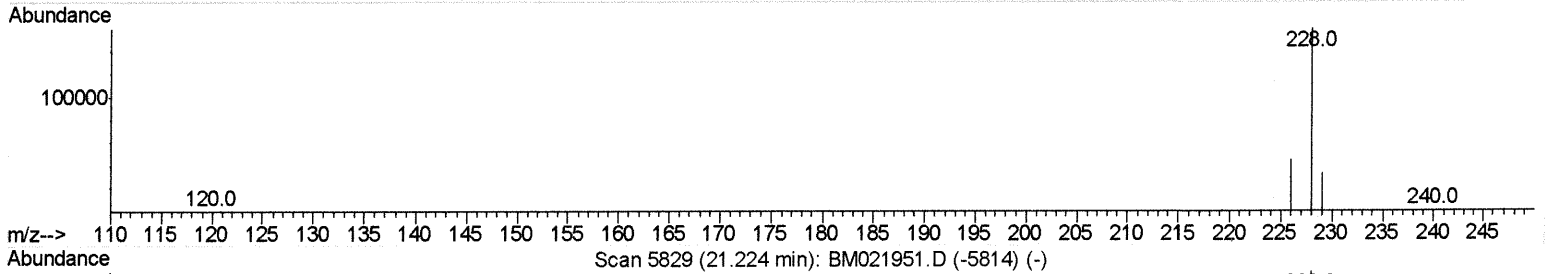
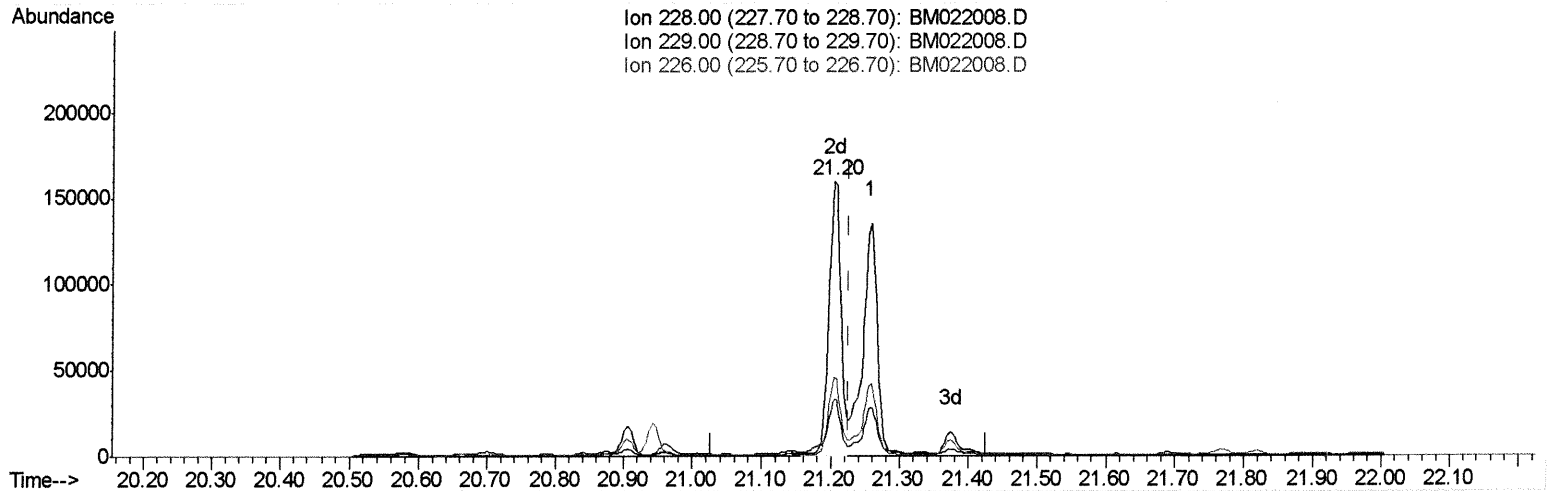
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:01:51 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.205min (-0.022) 13.29ng/ul m *JU 08/12/19*

response 196796

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.69
226.00	28.30	28.59
0.00	0.00	0.00

Quantitation Report (Qedit)

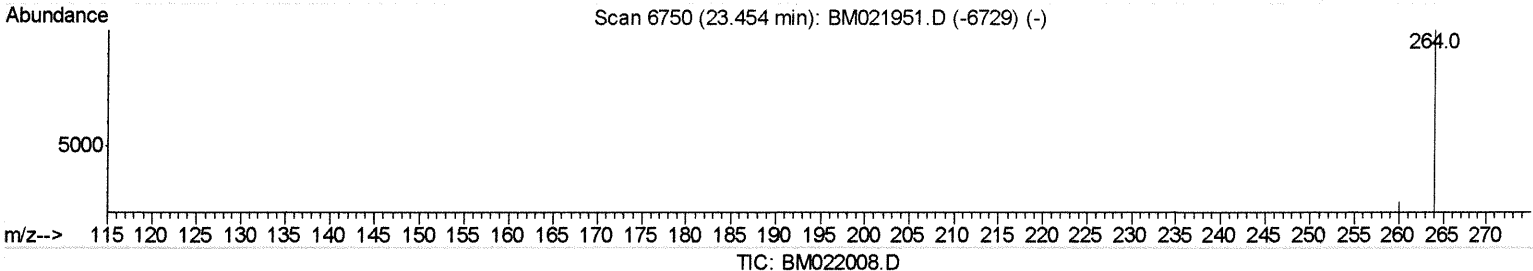
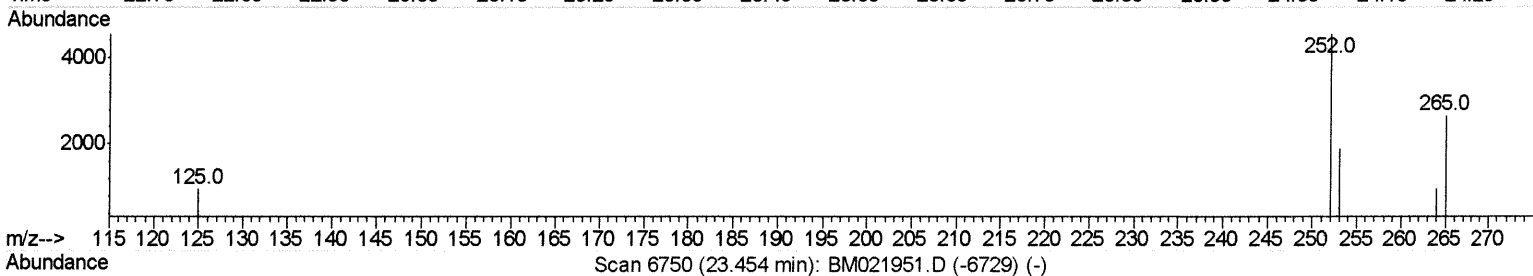
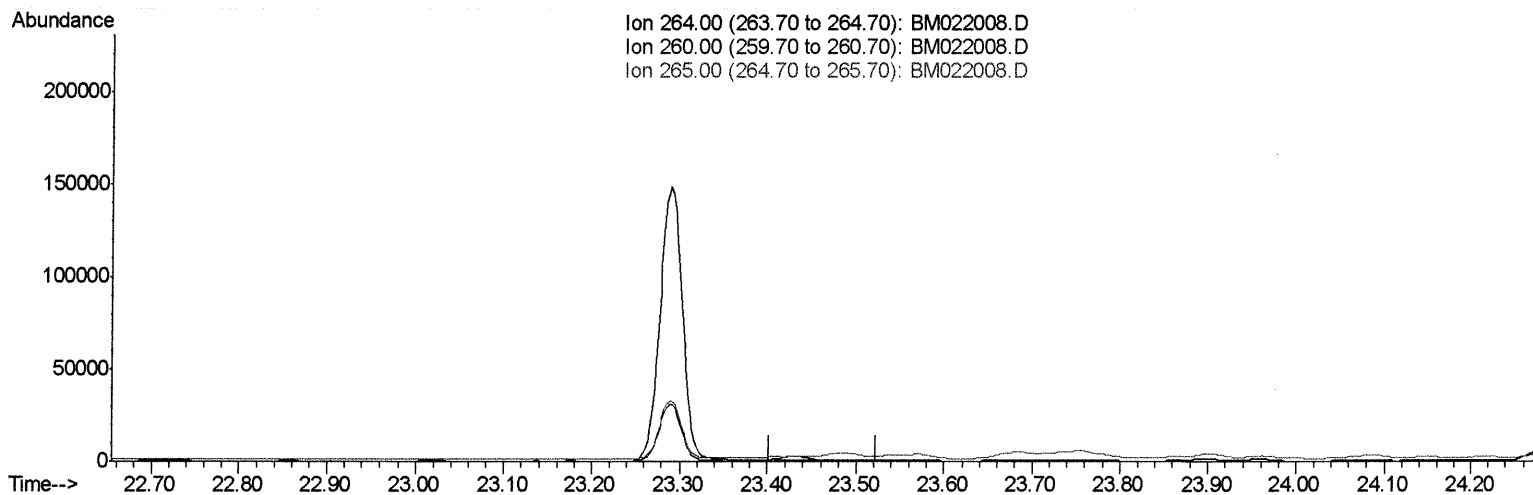
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BEP69

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:01:51 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.454min (-23.454) 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

Quantitation Report (Qedit)

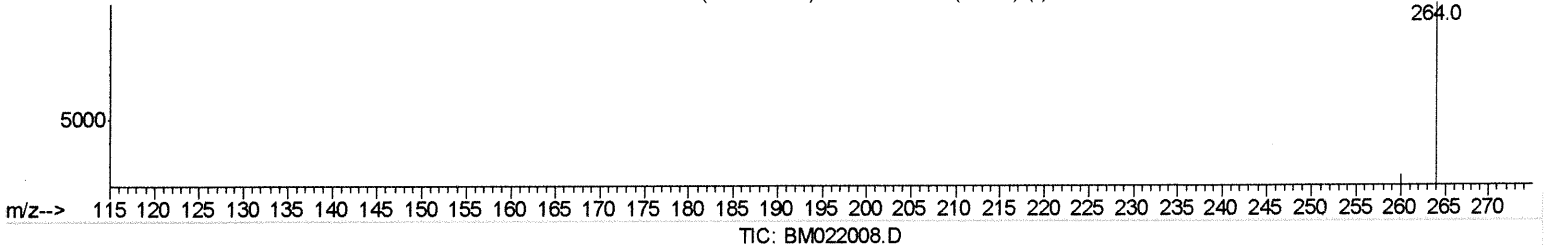
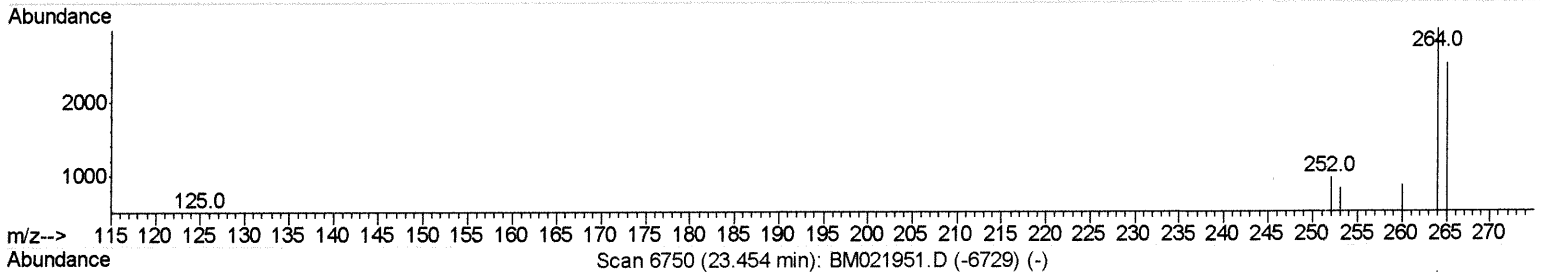
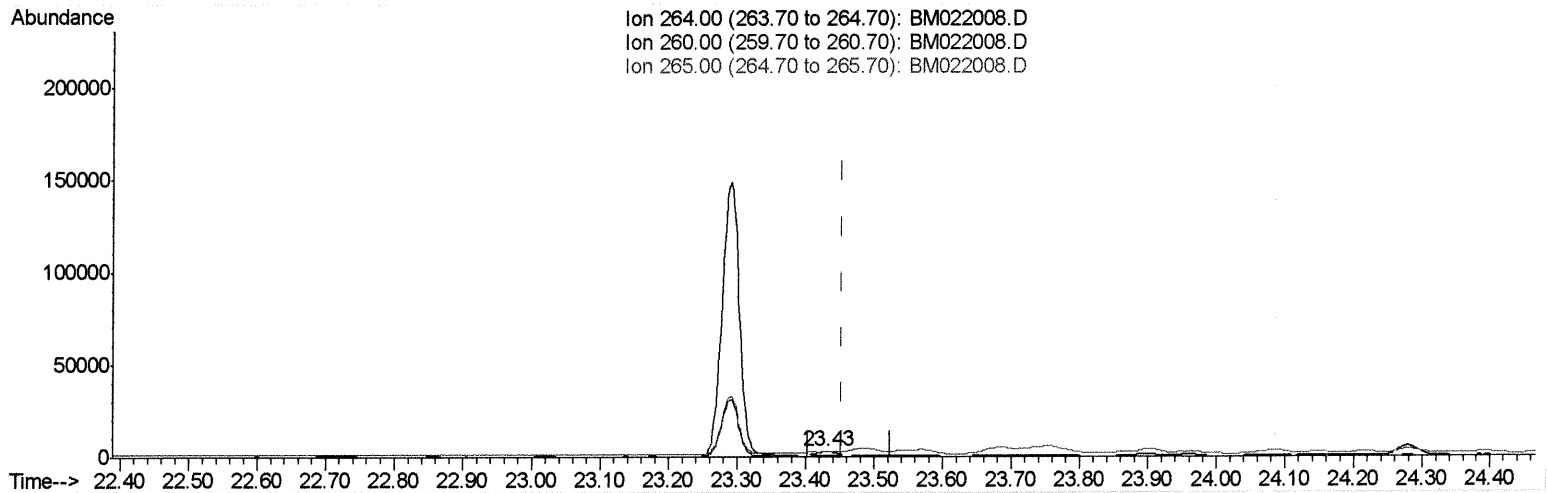
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:01:51 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.430min (-0.024) 0.40ng/ul m *08/12/19*

response 4201

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	29.14
265.00	117.00	83.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

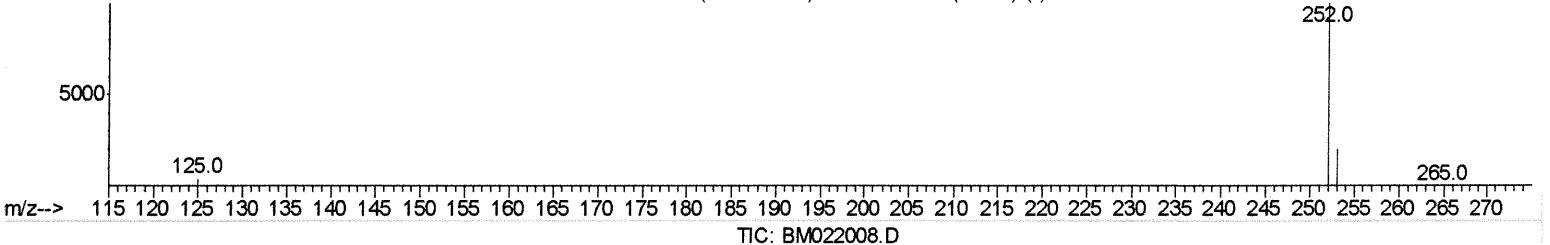
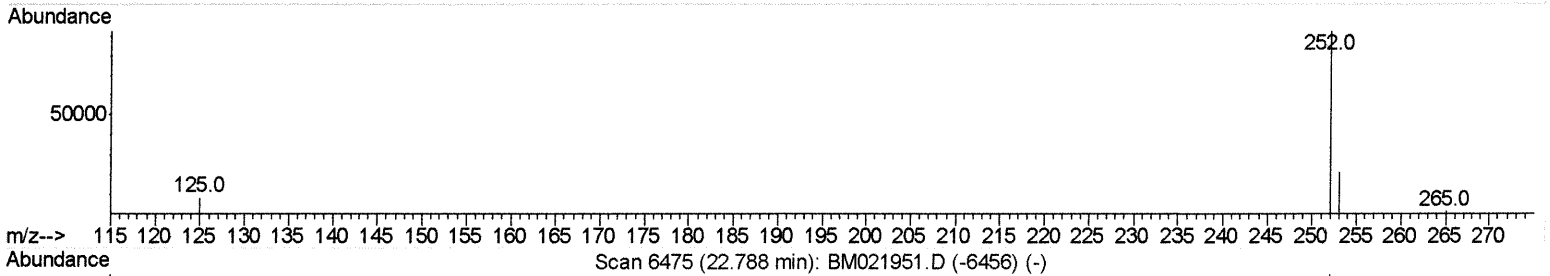
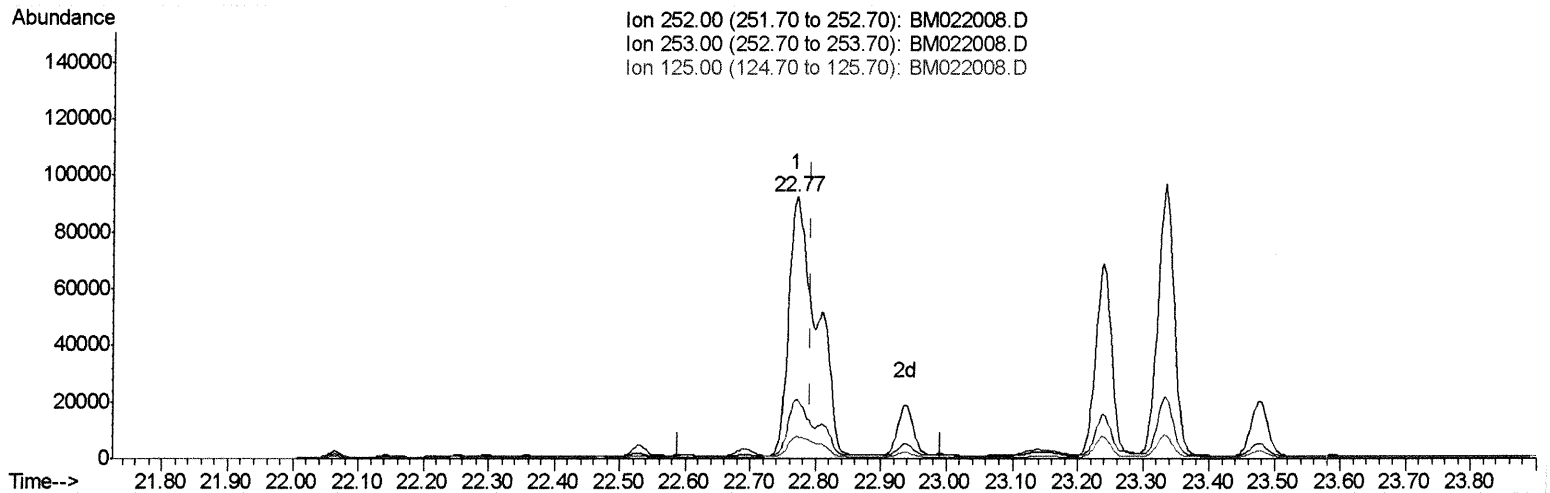
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:02:48 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
 22.769min (-0.022) 19.24ng/ul
 response 272619

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.77
125.00	15.50	8.42
0.00	0.00	0.00

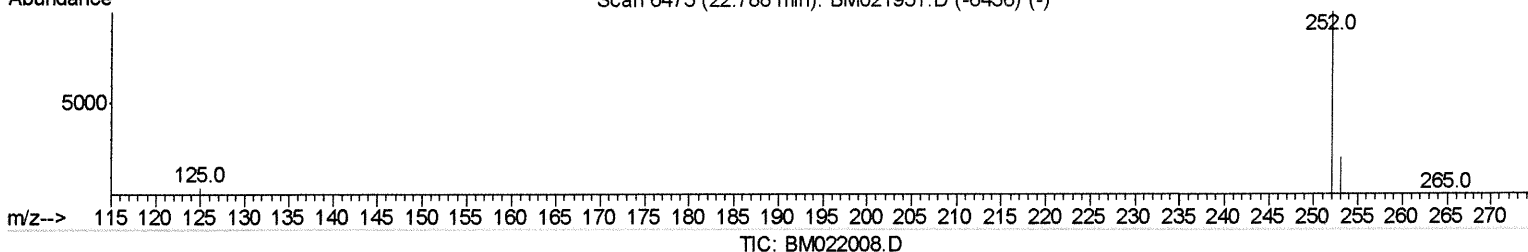
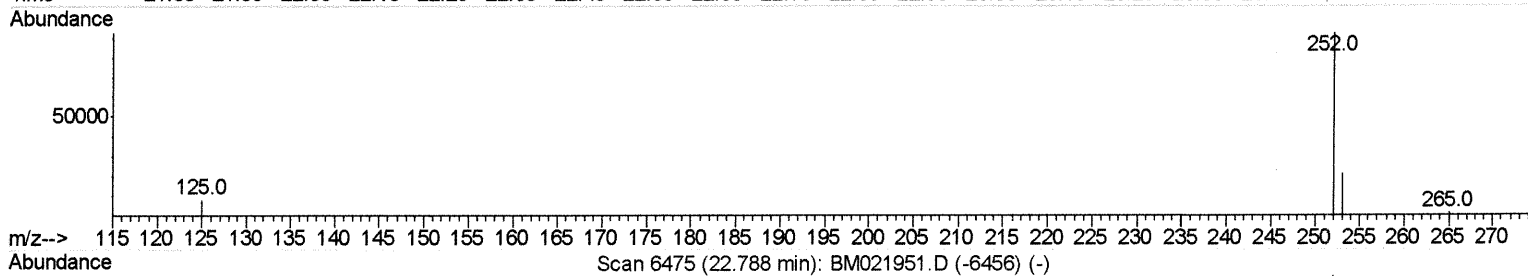
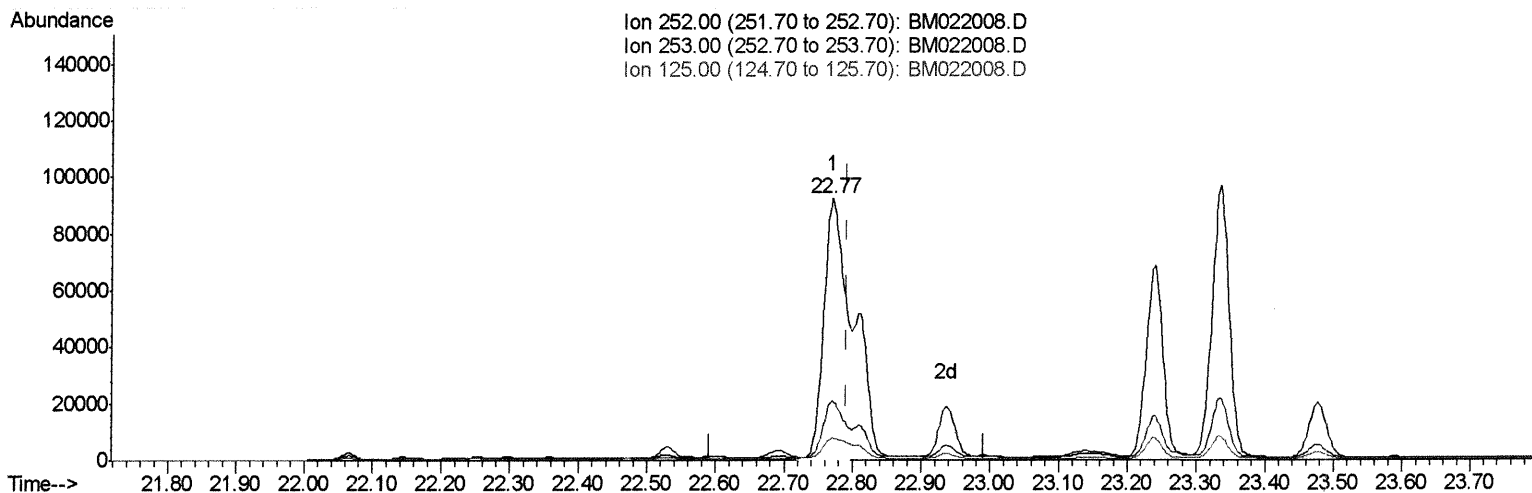
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022008.D
Acq On : 10 Aug 2019 23:12
Operator : HP/JU
Sample : K4028-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP69

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:02:48 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

22.769min (-0.022) 13.85ng/ul m *JU 08/12/19*

response 196212

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.77
125.00	15.50	8.42
0.00	0.00	0.00

Quantitation Report (Qedit)

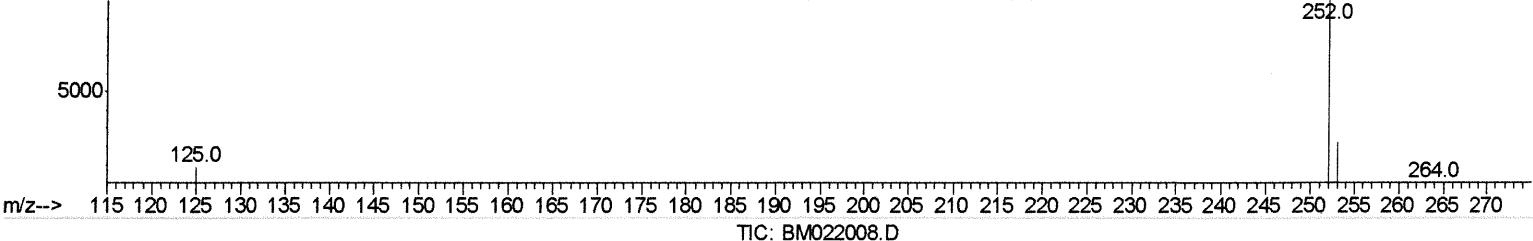
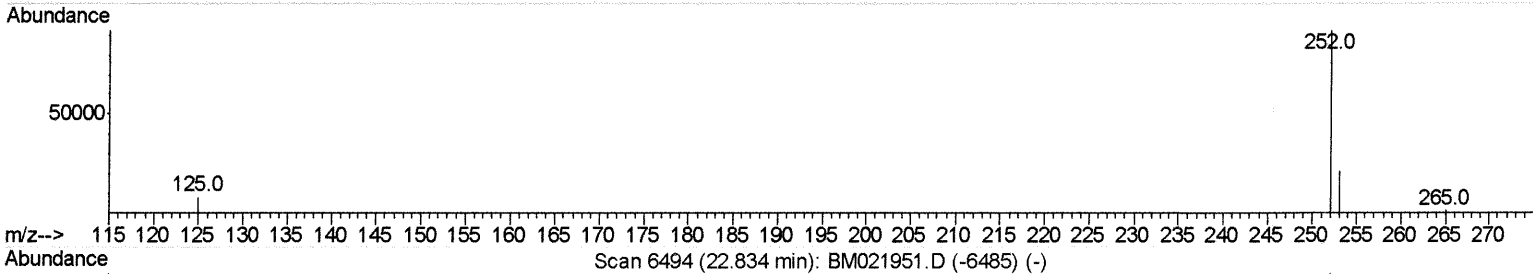
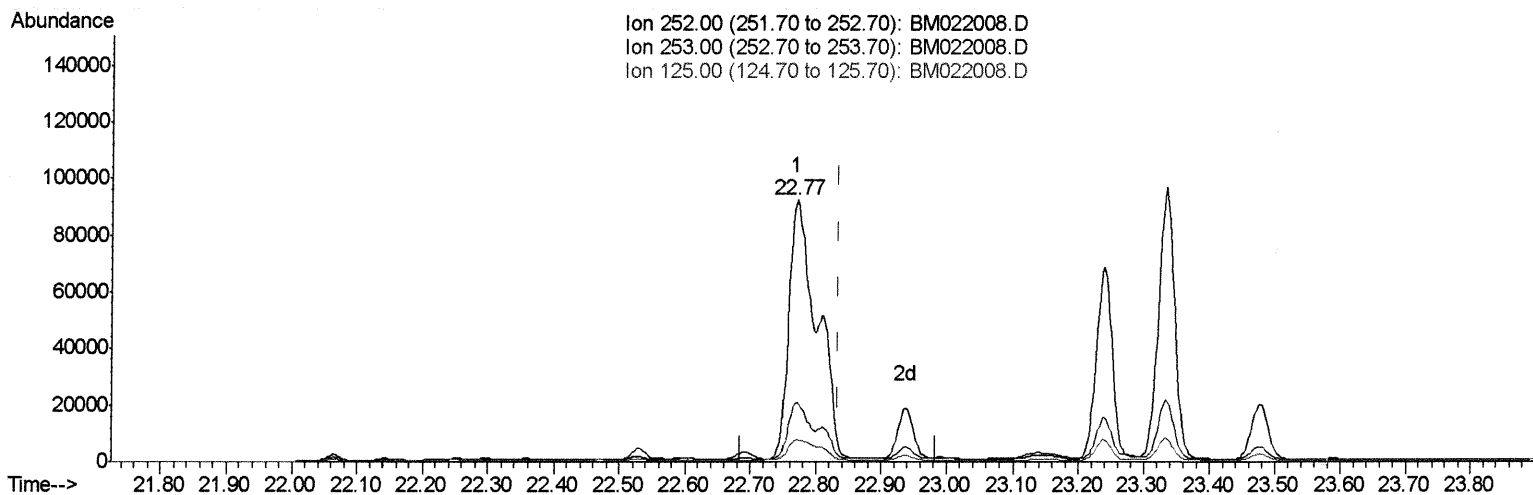
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:02:48 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

22.769min (-0.066) 17.00ng/ul

response 272619

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.77#
125.00	15.20	8.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

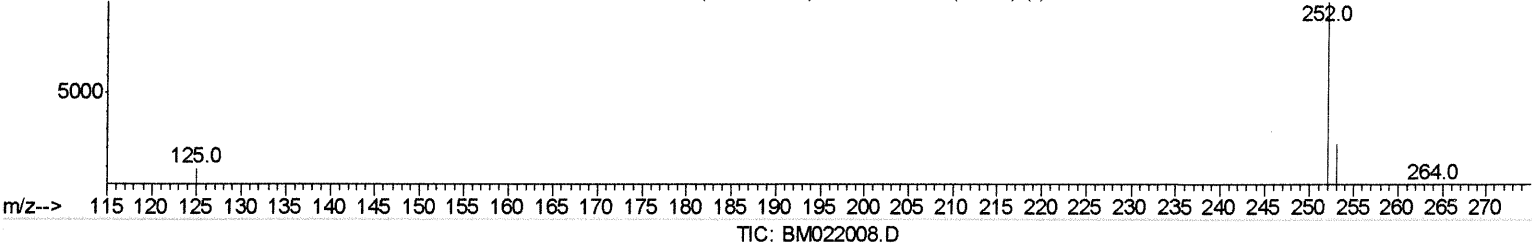
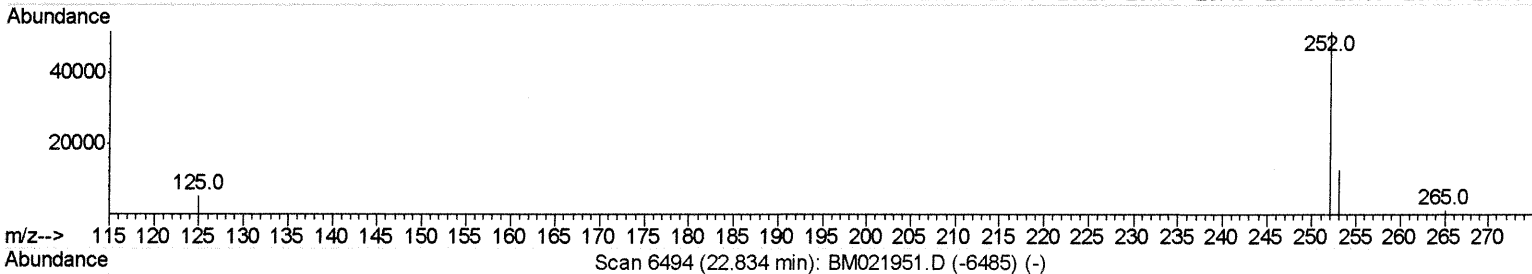
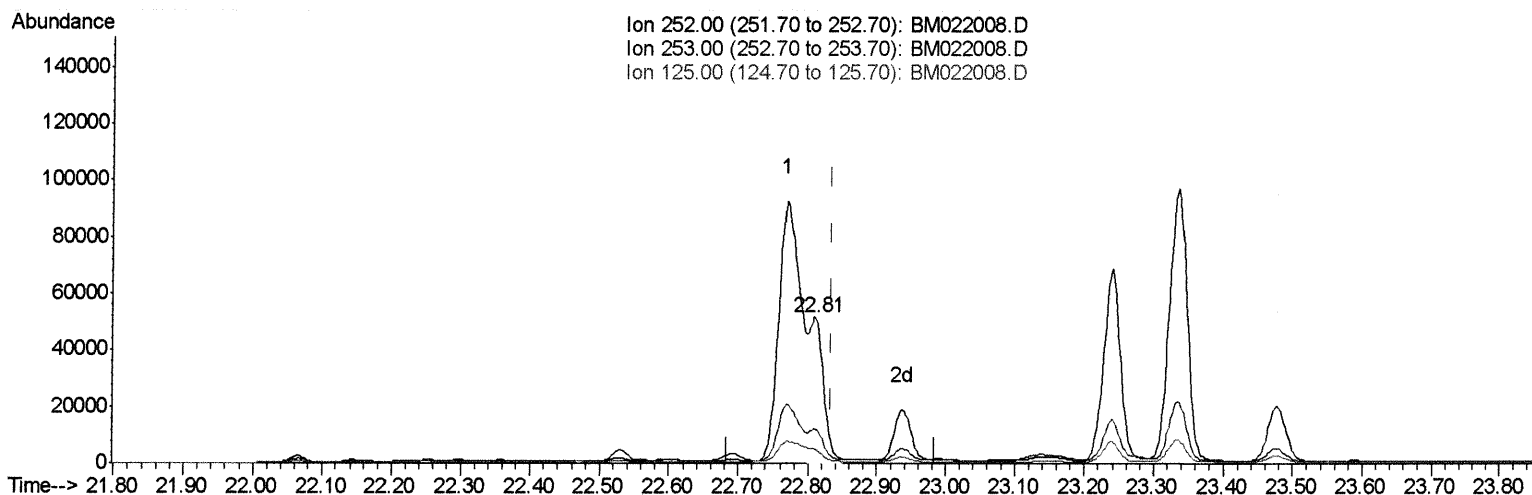
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:02:48 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 (-0.024) 4.74ng/ul m *JU 08/12/19*

response 75952

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.95#
125.00	15.20	9.95#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022008.D
 Acq On : 10 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:22 AM

Quant Time: Aug 11 03:03:29 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	800	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	3276	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1734	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	4130m→	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4139m→	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4201m→	0.40	ng/ul	-0.02

JU
 08/12/19

System Monitoring Compounds
 4) 2-Methylnaphthalene-d10
 14) Fluoranthene-d10

12.00	152	910	0.17	ng/ul	-0.02
19.06	212	3246m→	0.23	ng/ul	-0.02

JU 08/12/19

Target Compounds

					Ovalue
3) Naphthalene	10.44	128	1626	0.176	ng/ul 96
5) 2-Methylnaphthalene	12.08	142	975	0.158	ng/ul 99
7) Acenaphthylene	13.99	152	6634	0.820	ng/ul# 82
8) Acenaphthene	14.33	153	4133	0.625	ng/ul 96
9) Fluorene	15.32	166	6121	0.833	ng/ul 98
12) Phenanthrene	17.06	178	125815m→	10.470	ng/ul
13) Anthracene	17.15	178	34110m→	3.328	ng/ul
15) Fluoranthene	19.09	202	269511m→	16.742	ng/ul
17) Pyrene	19.45	202	301636	17.735	ng/ul 97
18) Benzo(a)anthracene	21.20	228	196796m→	13.293	ng/ul
19) Chrysene	21.26	228	193380	10.156	ng/ul 100
21) Benzo(b)fluoranthene	22.77	252	196212m→	13.851	ng/ul
22) Benzo(k)fluoranthene	22.81	252	75952m→	4.738	ng/ul
23) Benzo(a)pyrene	23.33	252	167709	11.641	ng/ul# 75
24) Indeno(1,2,3-cd)pyrene	25.64	276	95223	5.536	ng/ul# 95
25) Dibenzo(a,h)anthracene	25.64	278	29329	2.109	ng/ul 92
26) Benzo(a,h,i)perylene	26.32	276	98305	6.348	ng/ul 95

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