

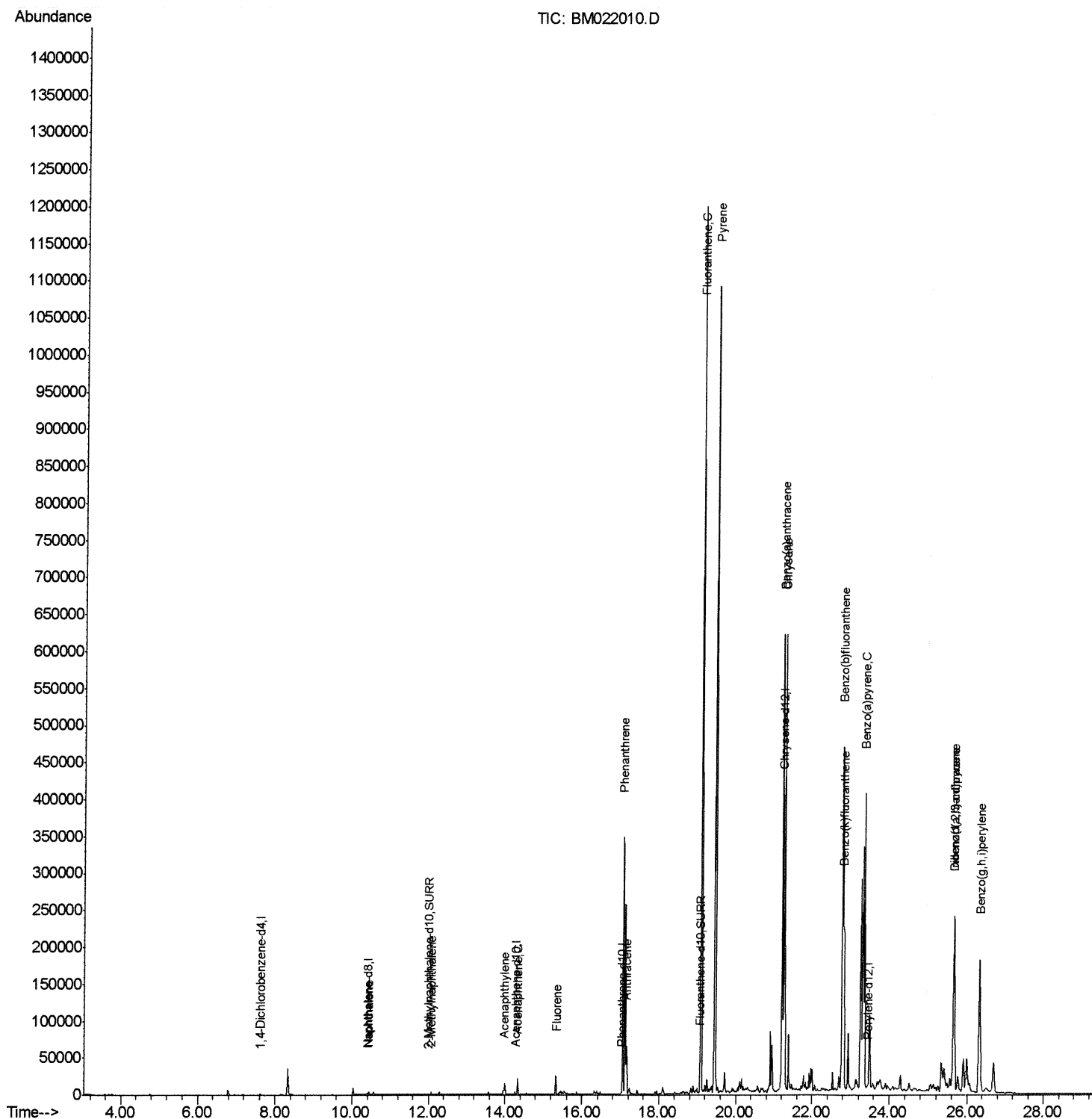
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:13:21 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)

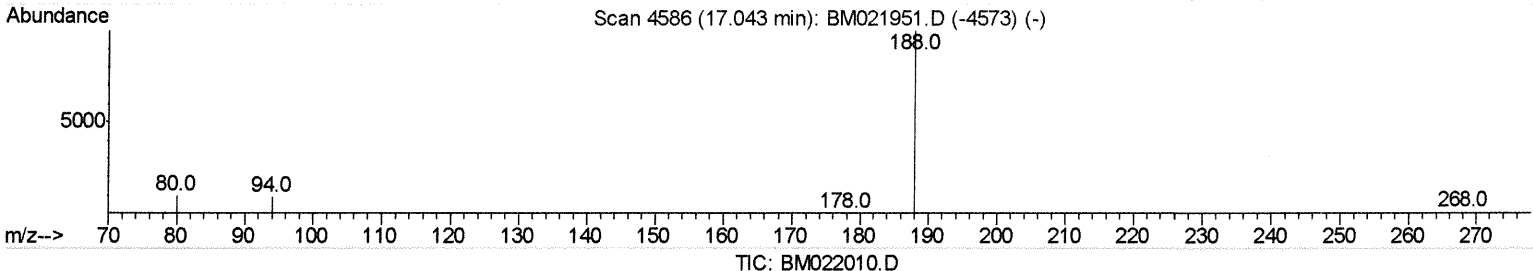
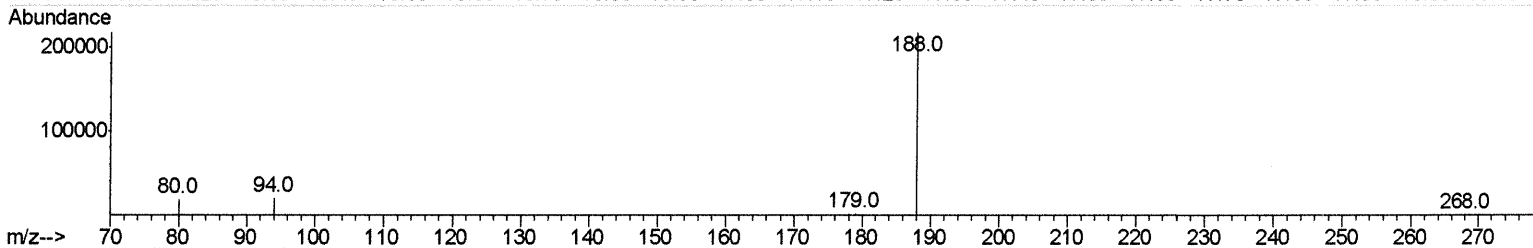
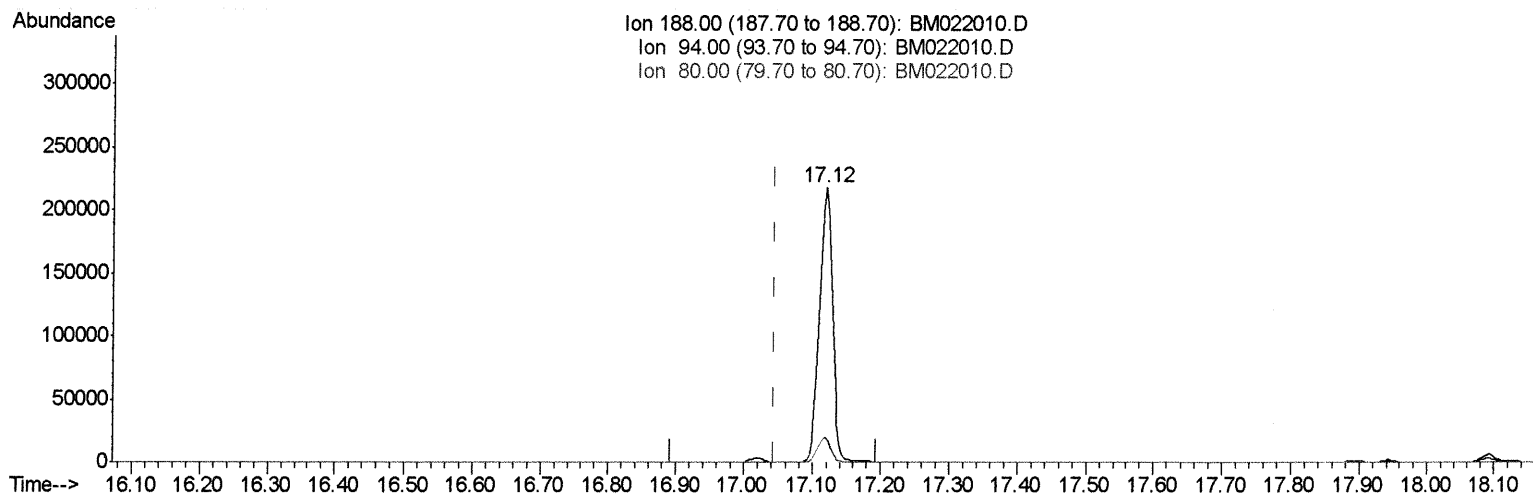
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022010.D
 Acq On : 11 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4028-07
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 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:26 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: BM022010.D

(10) Phenanthrene-d10 (I)

17.119min (+0.075) 0.40ng/ul

response 283611

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.98
80.00	11.40	8.48#
0.00	0.00	0.00

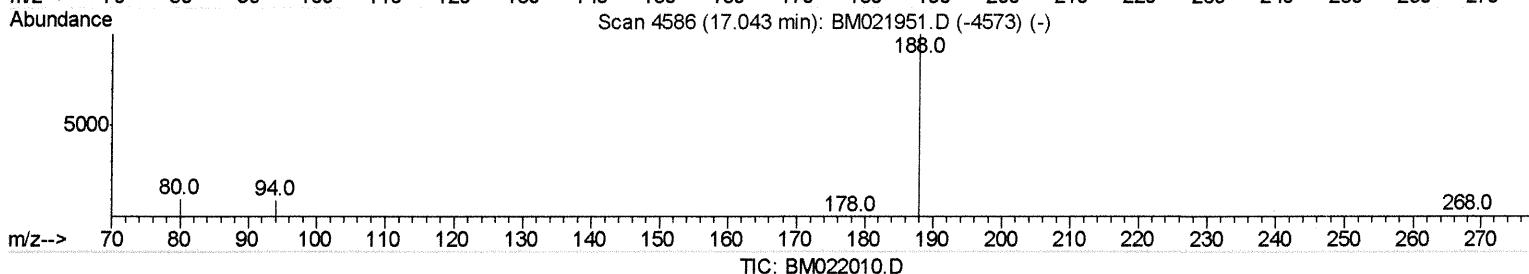
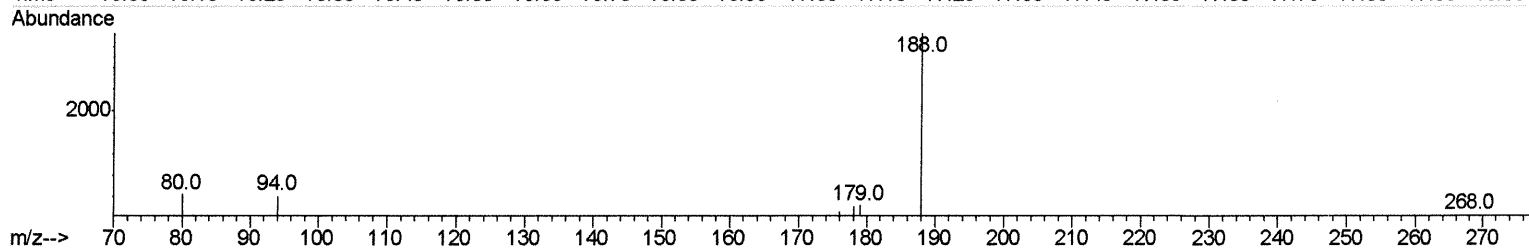
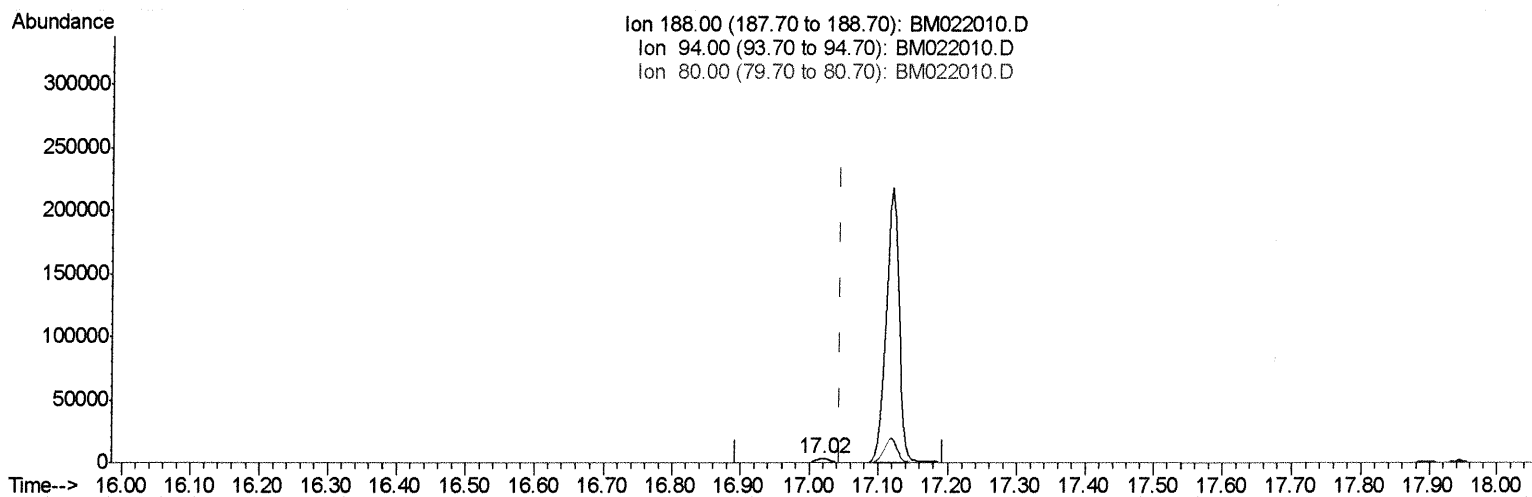
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Sun Aug 11 01:49:36 2019
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(10) Phenanthrene-d10 (I)

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

response 4958

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.03
80.00	11.40	13.01
0.00	0.00	0.00

Quantitation Report (Qedit)

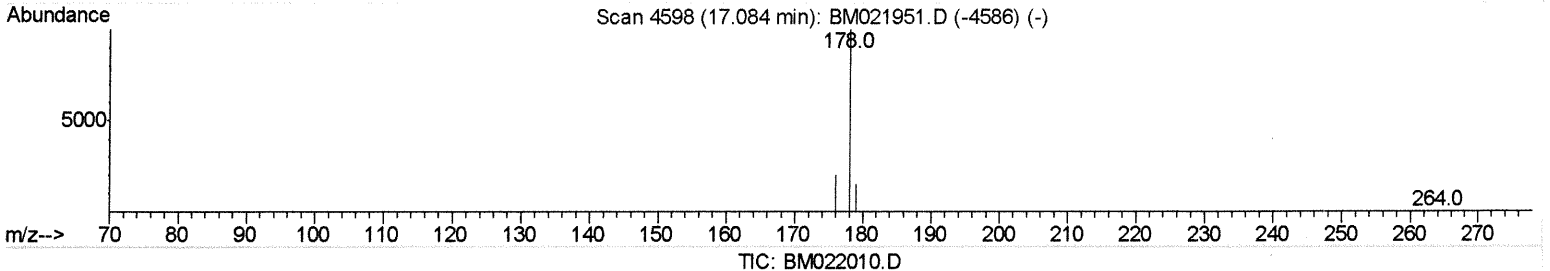
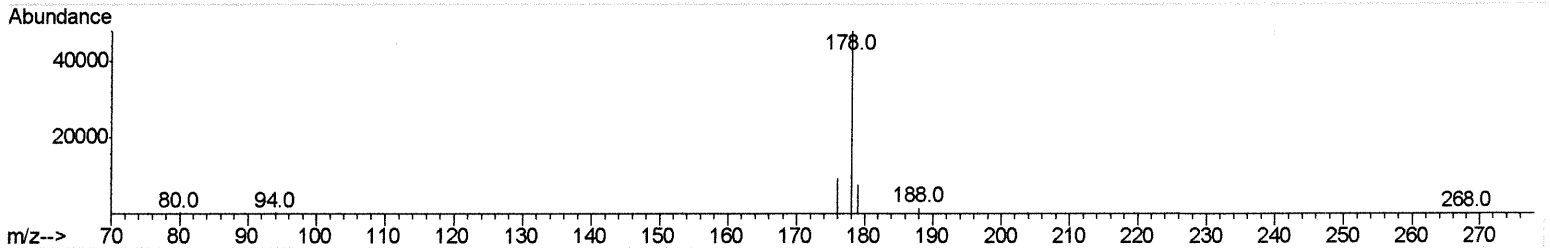
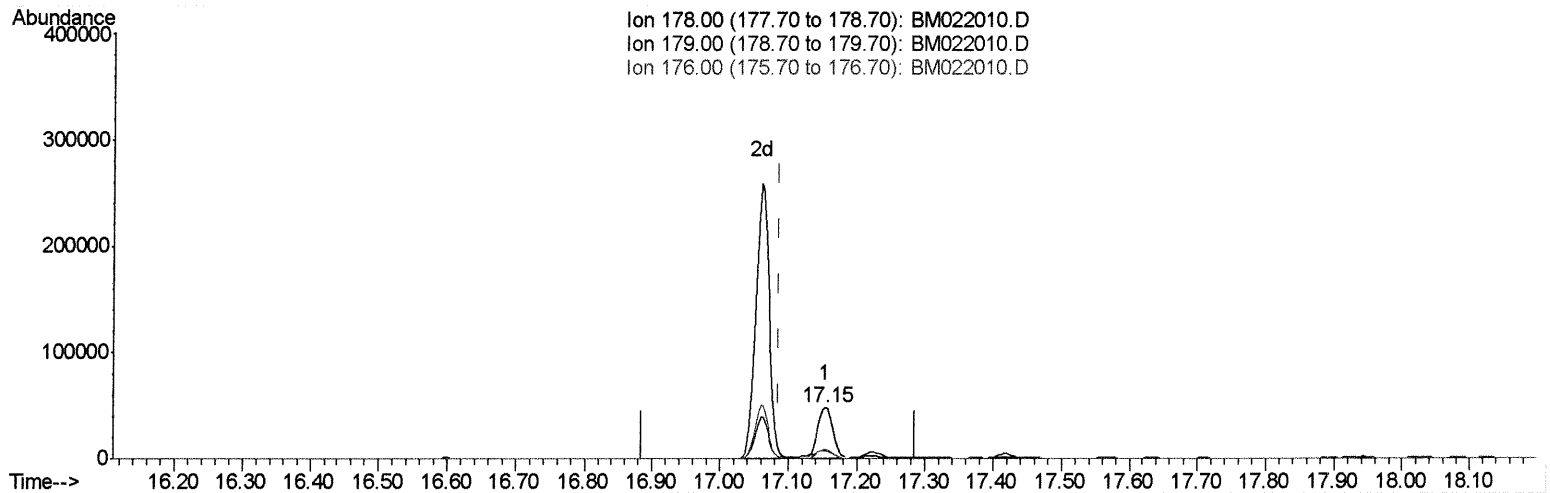
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022010.D
 Acq On : 11 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4028-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:59 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) 4.88ng/ul

response 70386

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.01
176.00	21.00	19.27
0.00	0.00	0.00

Quantitation Report (Qedit)

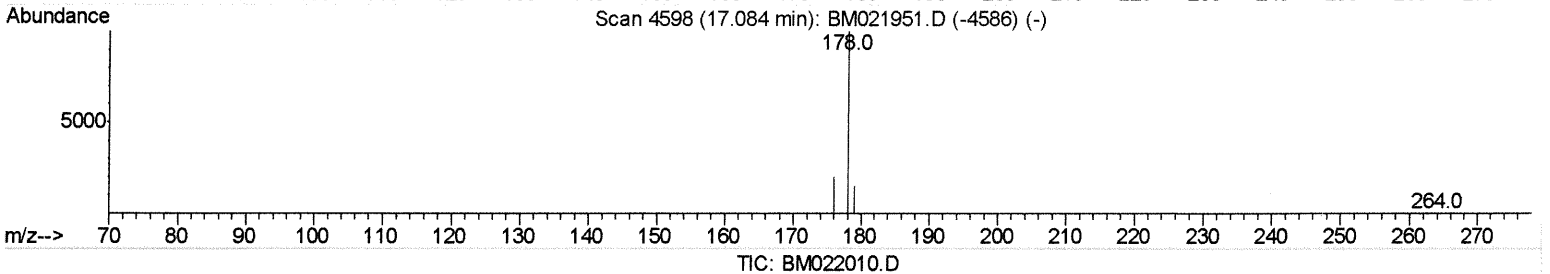
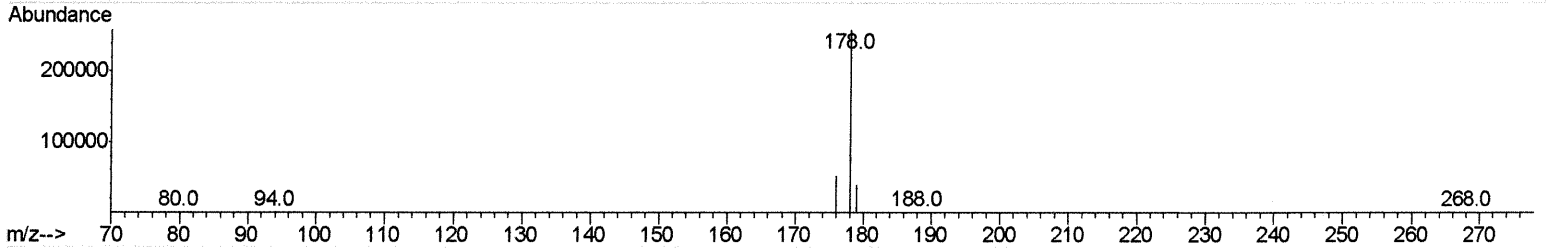
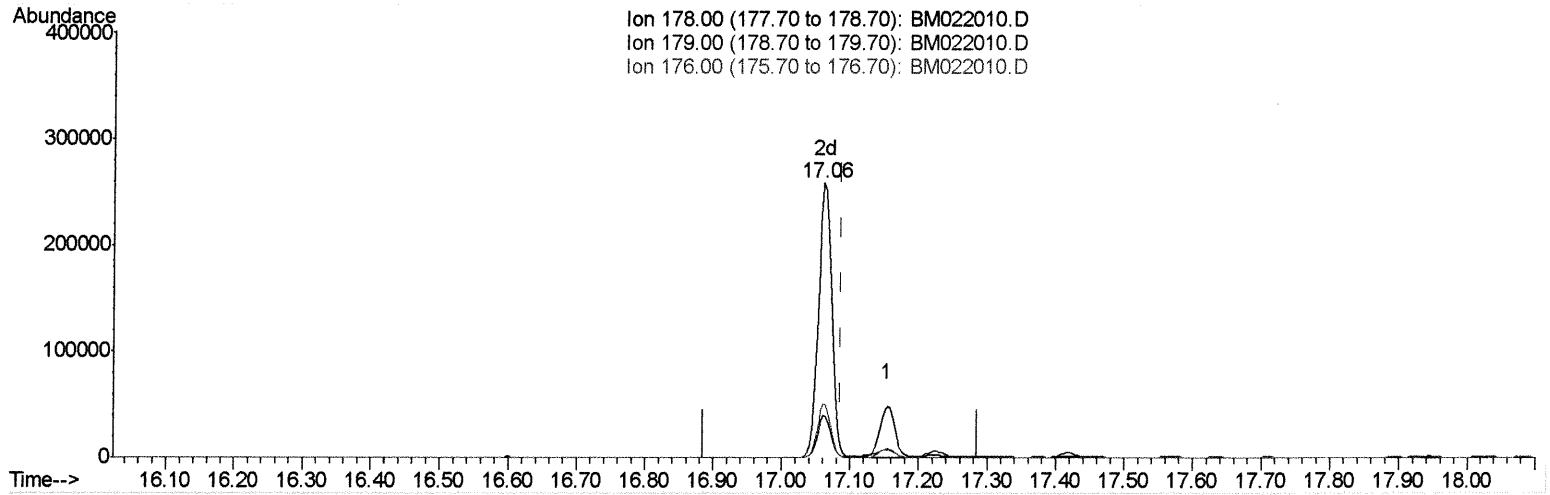
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022010.D
 Acq On : 11 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4028-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:59 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) 24.60ng/ul m *JU 08/12/19*

response 354815

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.39
176.00	21.00	19.62
0.00	0.00	0.00

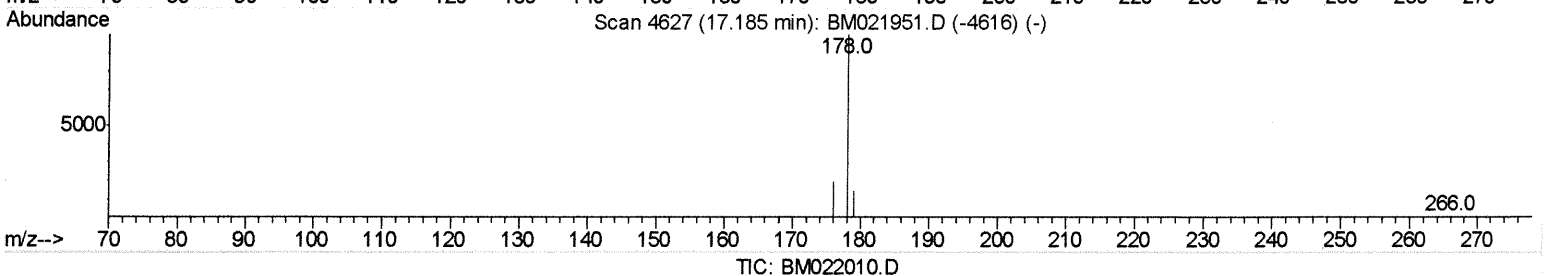
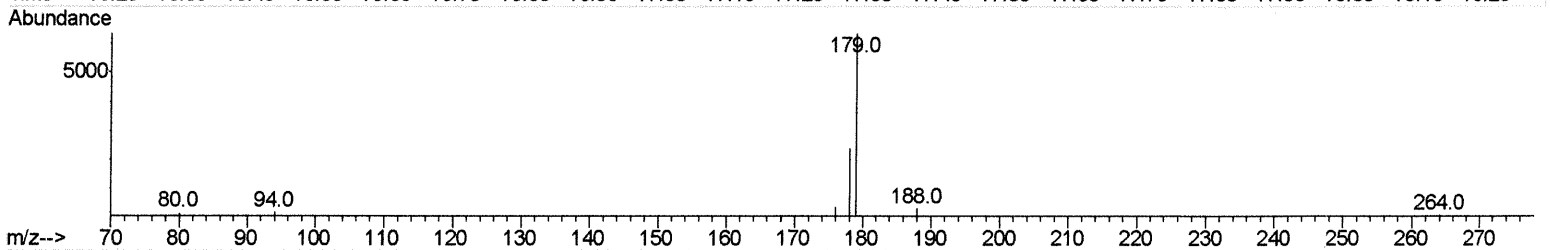
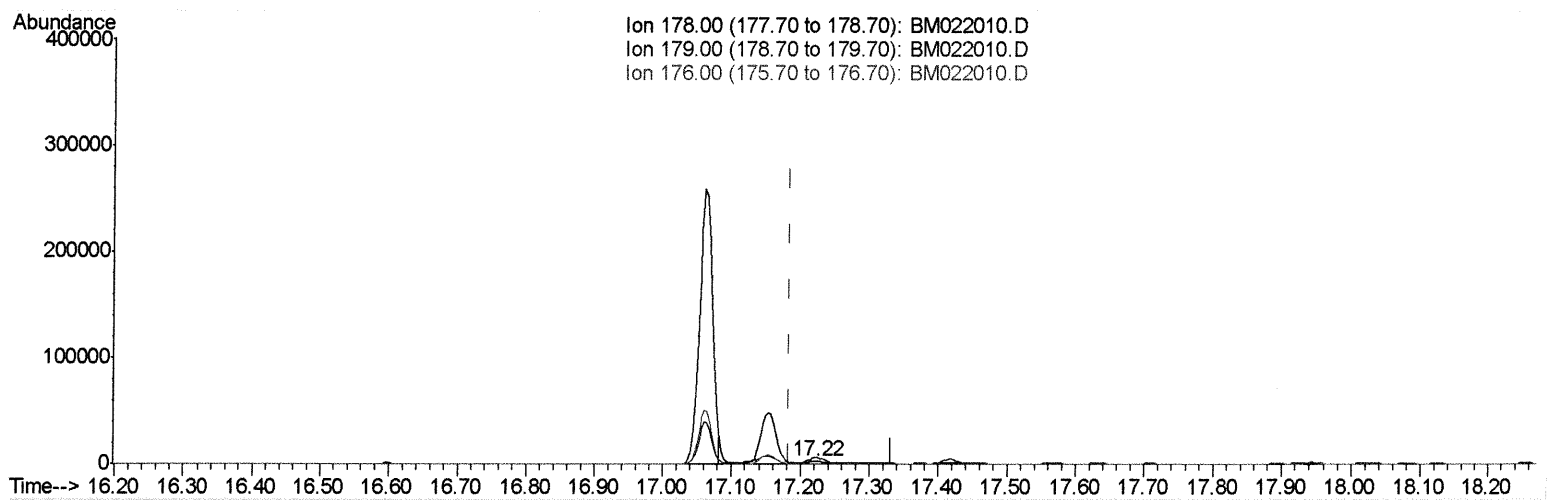
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:59 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

17.223min (+0.040) 0.27ng/ul

response 3351

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	264.18#
176.00	20.80	15.06#
0.00	0.00	0.00

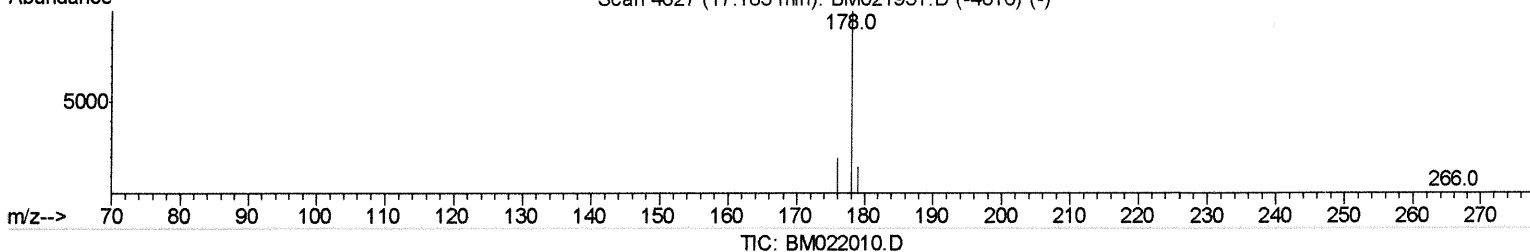
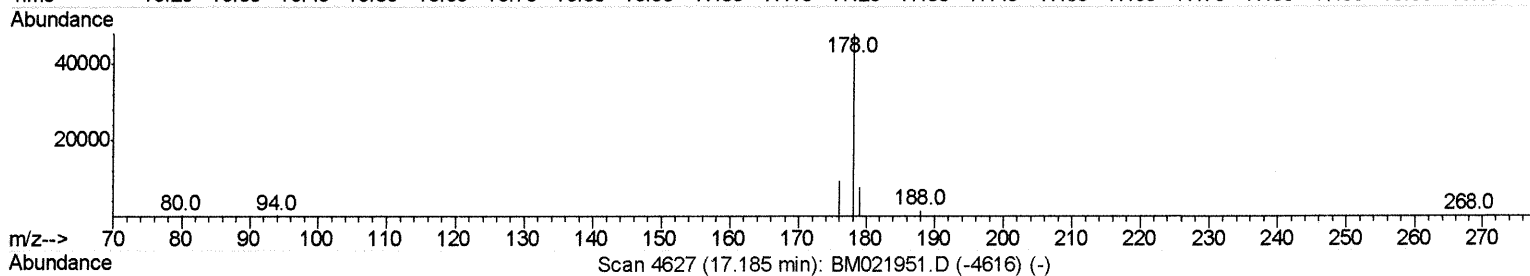
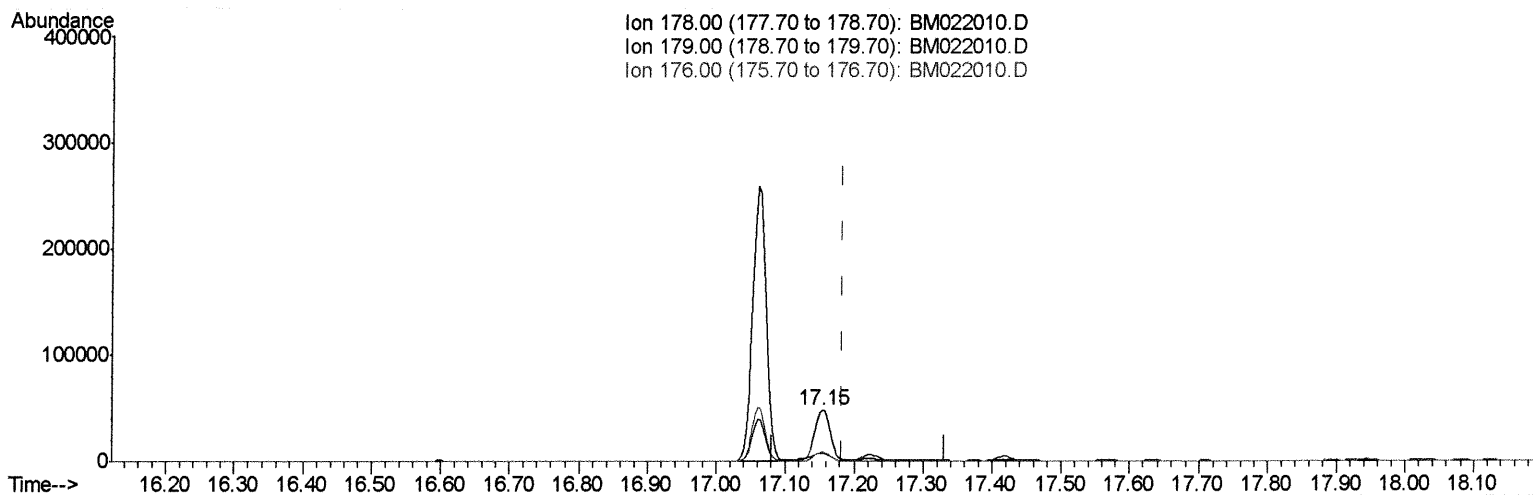
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:59 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) 5.98ng/ul m

JU
08/12/19

response 73629

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	16.01
176.00	20.80	19.27
0.00	0.00	0.00

Quantitation Report (Qedit)

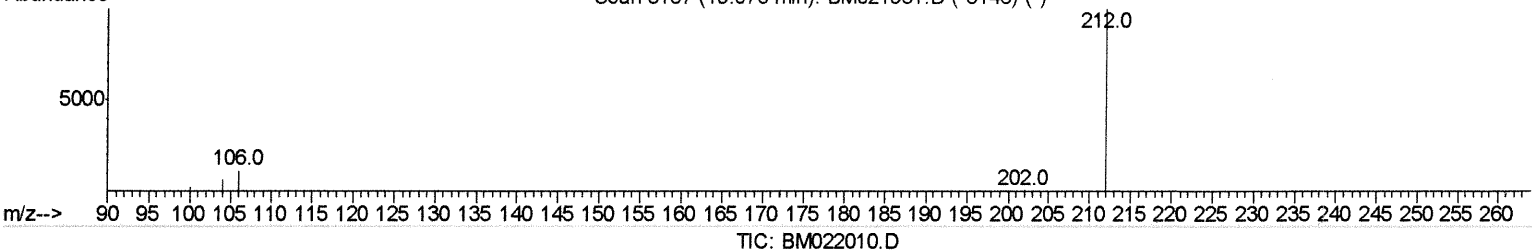
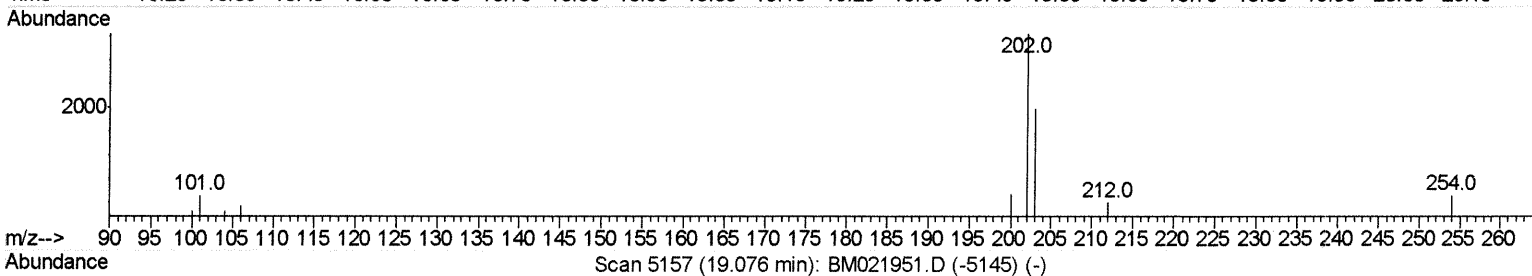
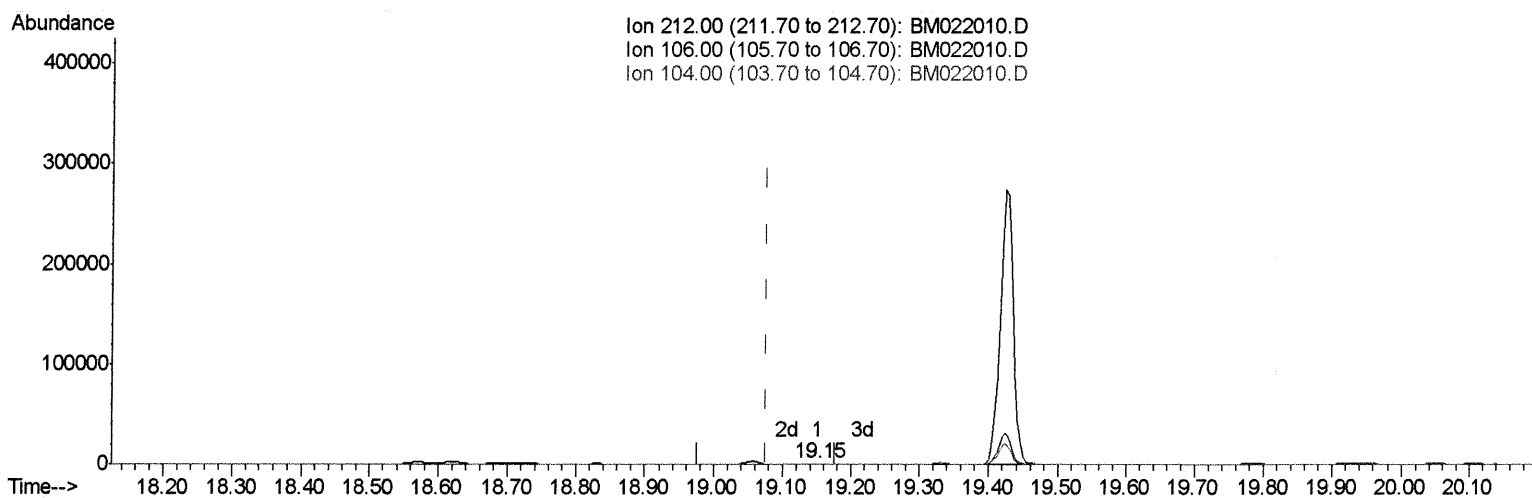
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022010.D
 Acq On : 11 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4028-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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 QLast Update : Sun Aug 11 01:49:36 2019
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(14) Fluoranthene-d10 (SURR)

19.152min (+0.075) 0.02ng/ui

response 340

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	14.71#
104.00	6.00	40.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

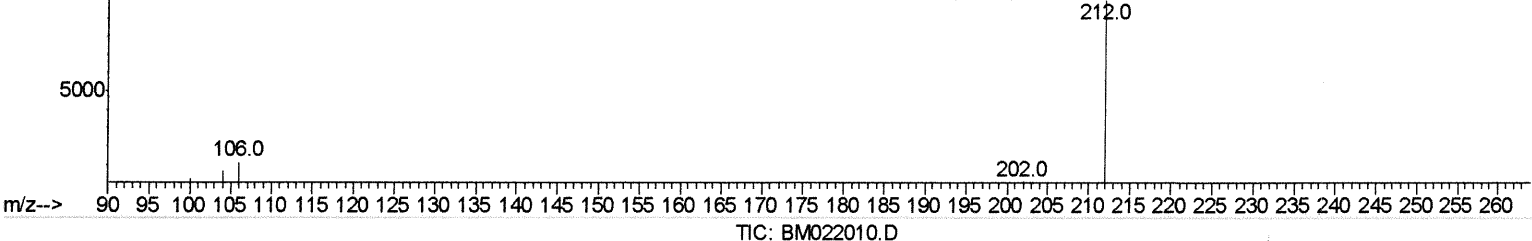
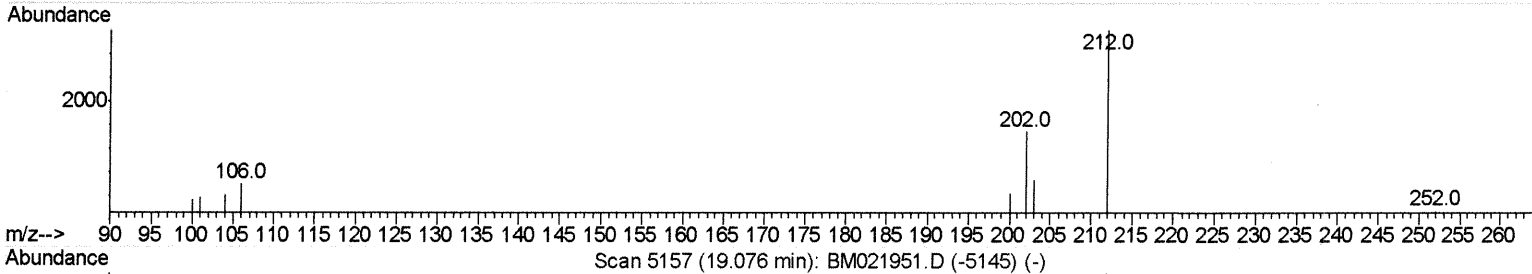
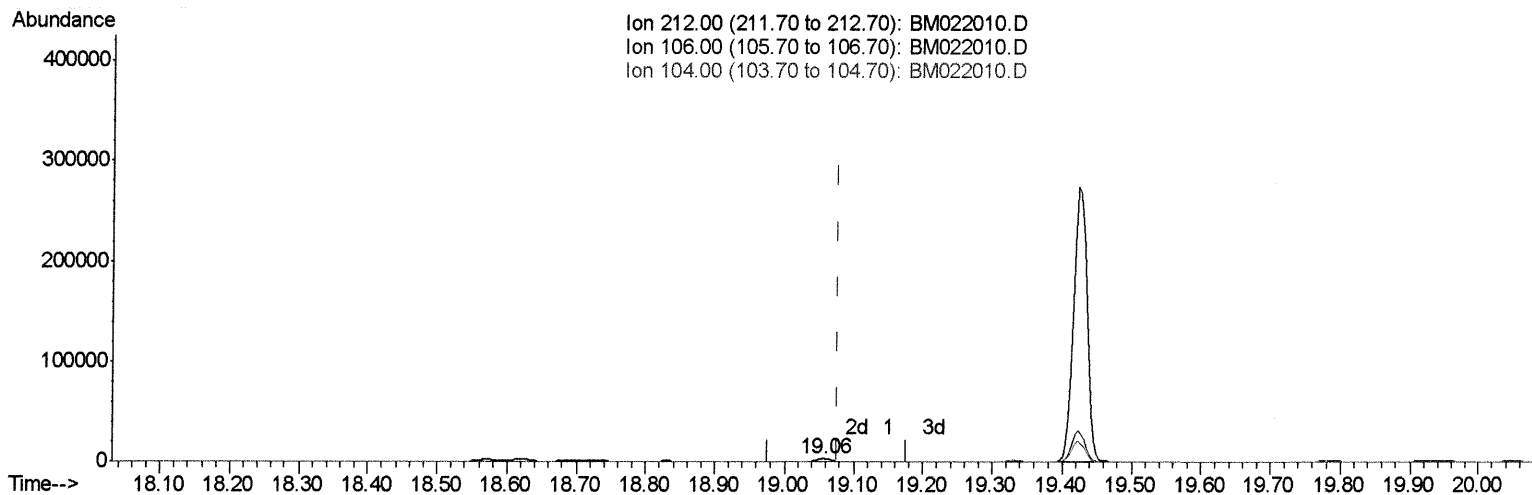
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022010.D
 Acq On : 11 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4028-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:59 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) 0.29ng/ul m

Handwritten: 50 08/12/19

response 4862

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	1.03#
104.00	6.00	2.86#
0.00	0.00	0.00

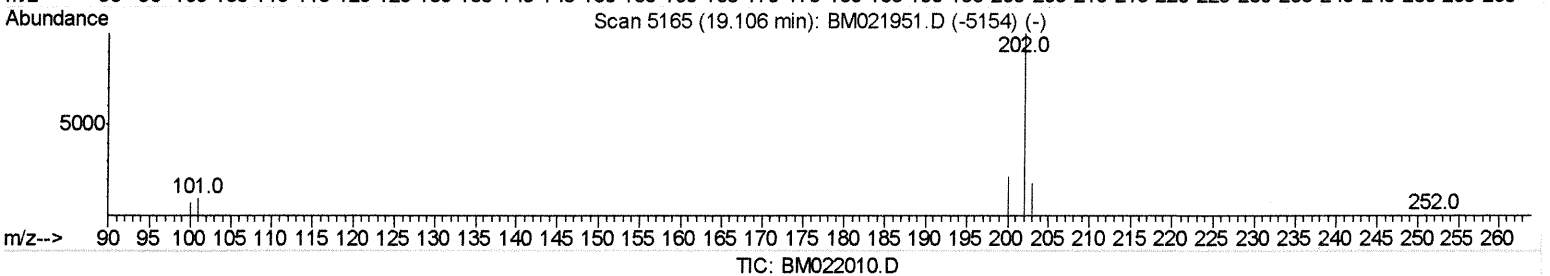
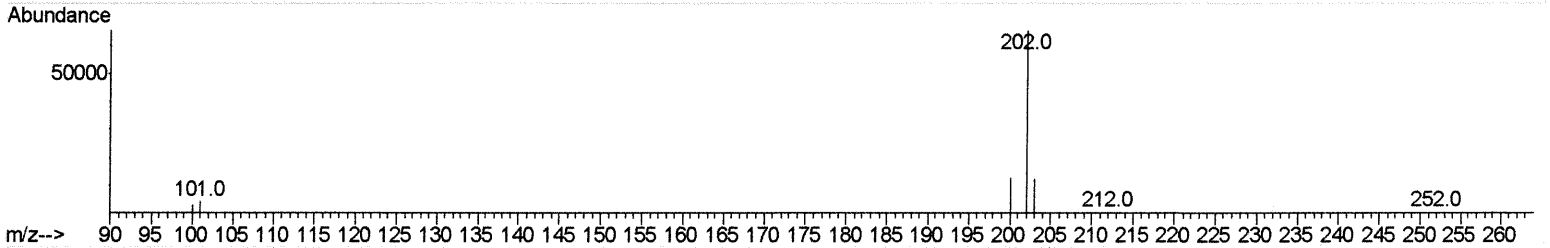
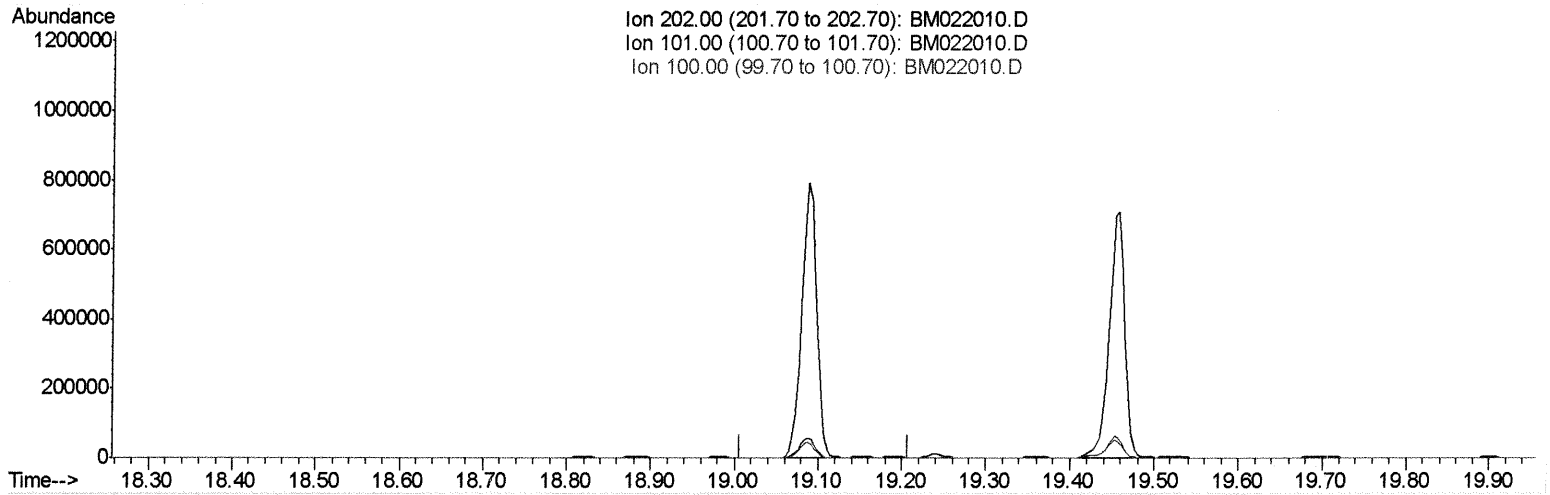
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:59 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

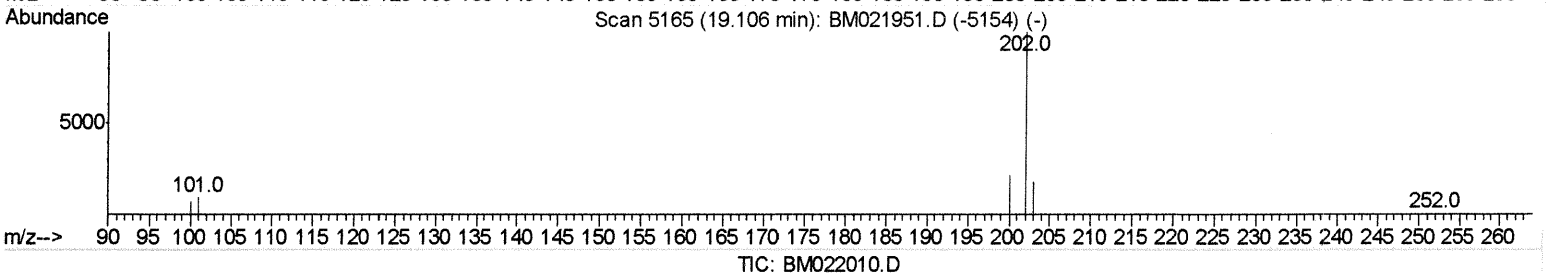
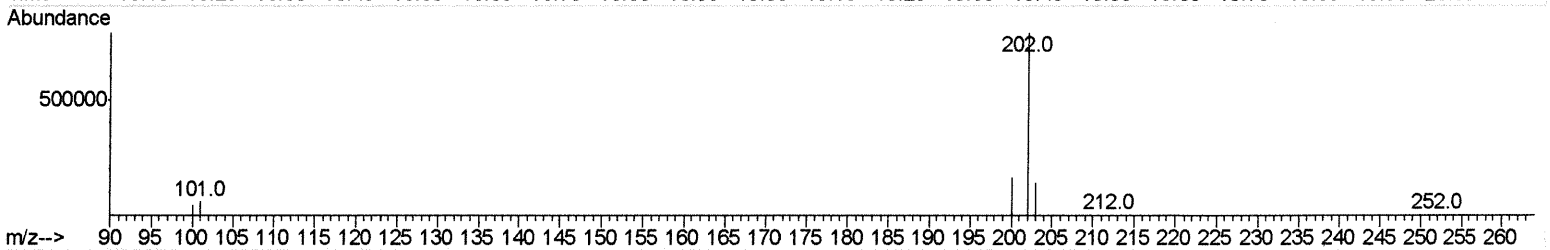
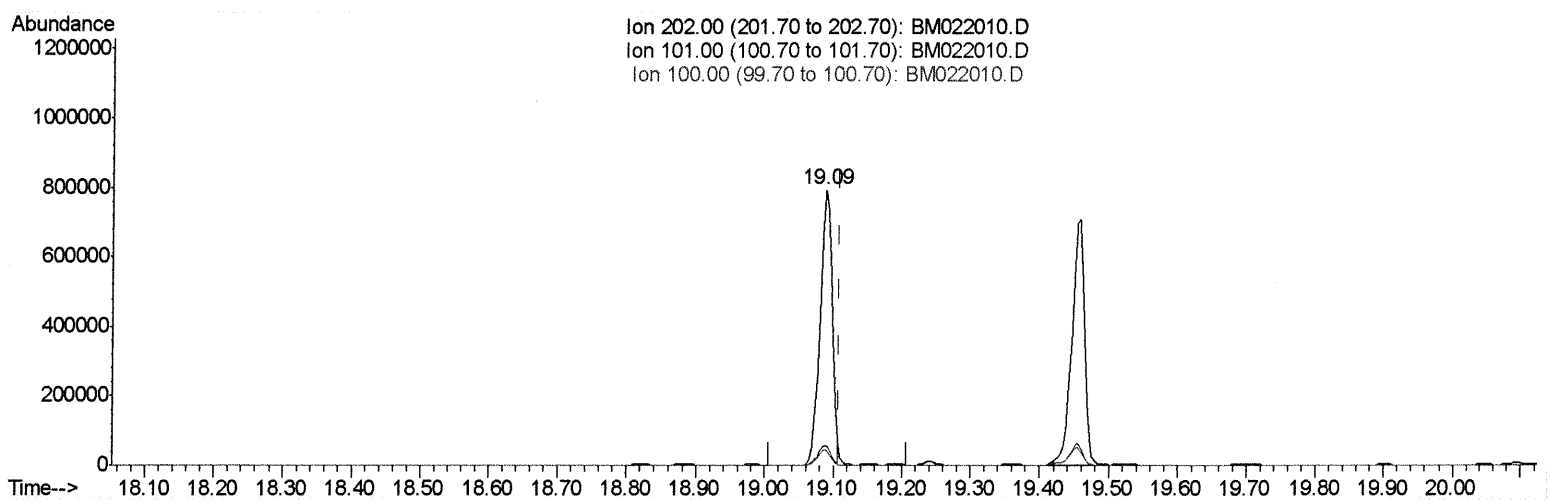
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:59 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) 51.01ng/ul m 08/12/19

response 985709

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	7.39
100.00	8.10	5.80
0.00	0.00	0.00

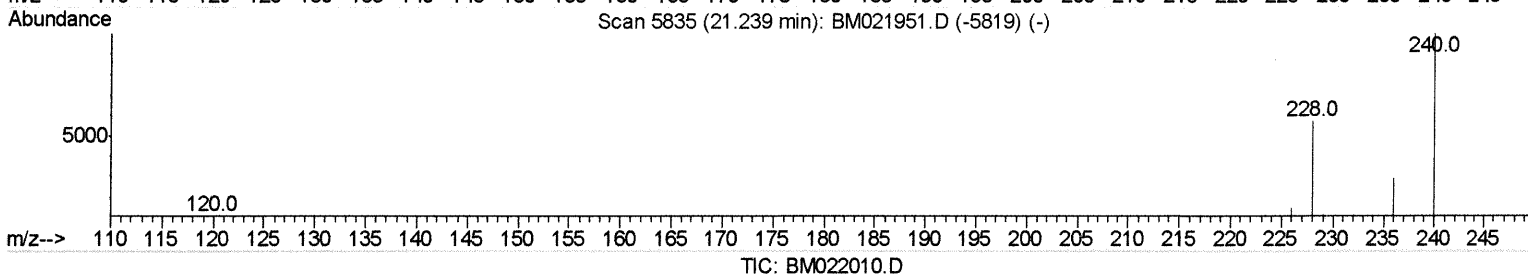
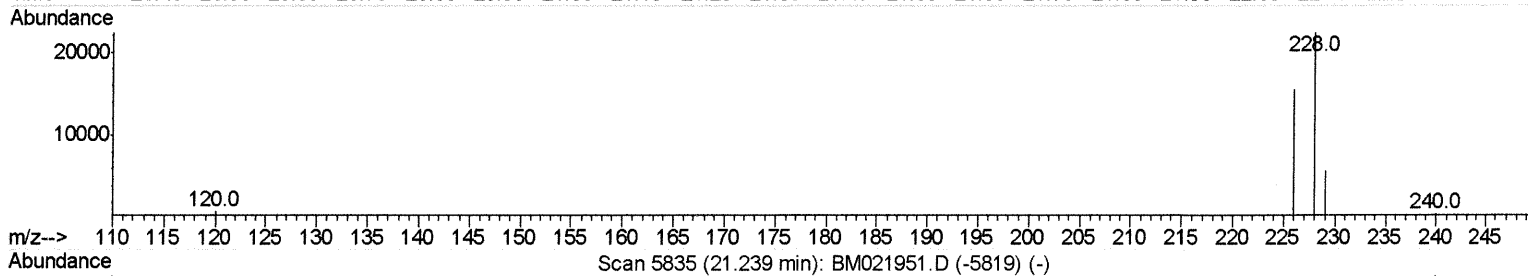
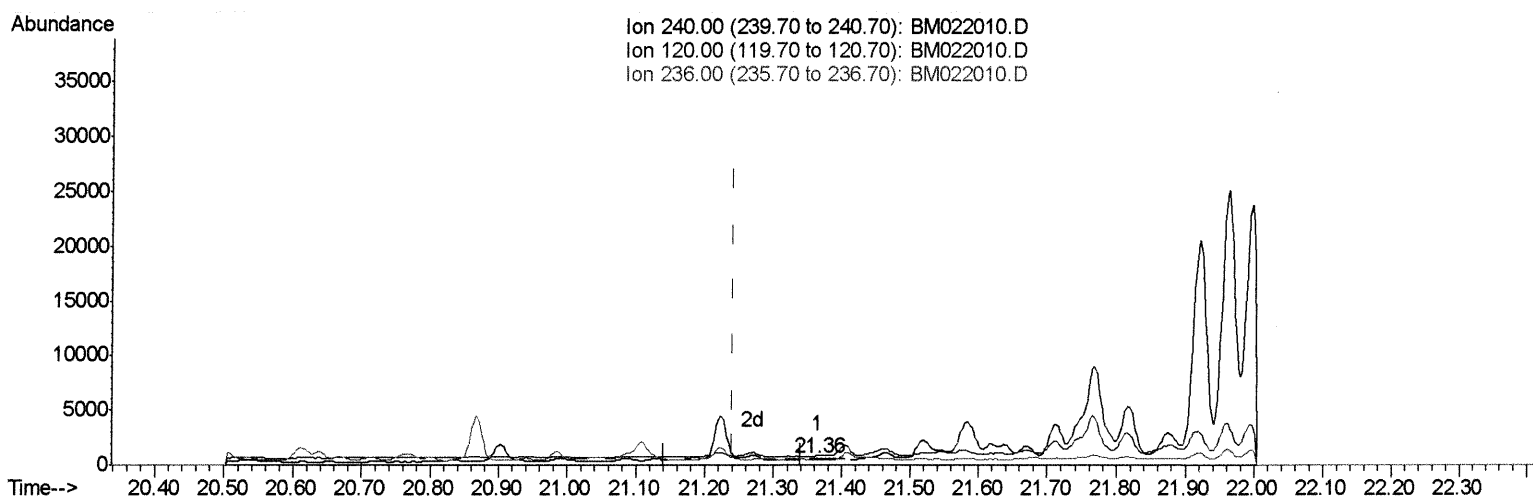
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.364min (+0.123) 0.40ng/ul

response 439

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	141.11#
236.00	32.30	77.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

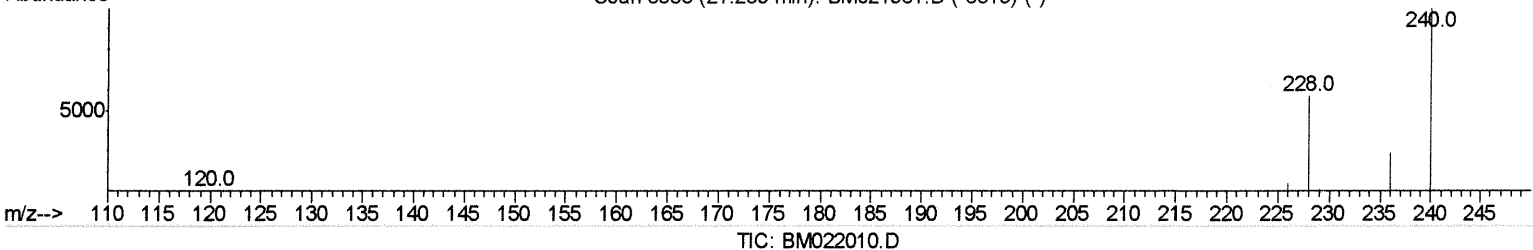
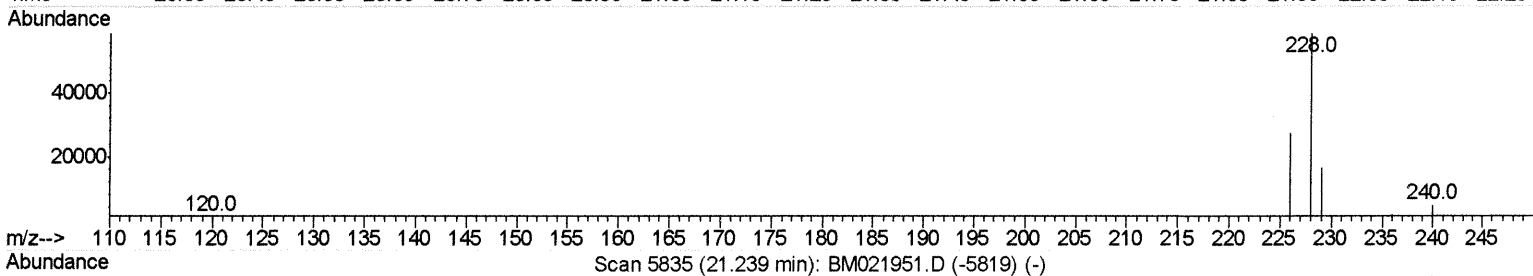
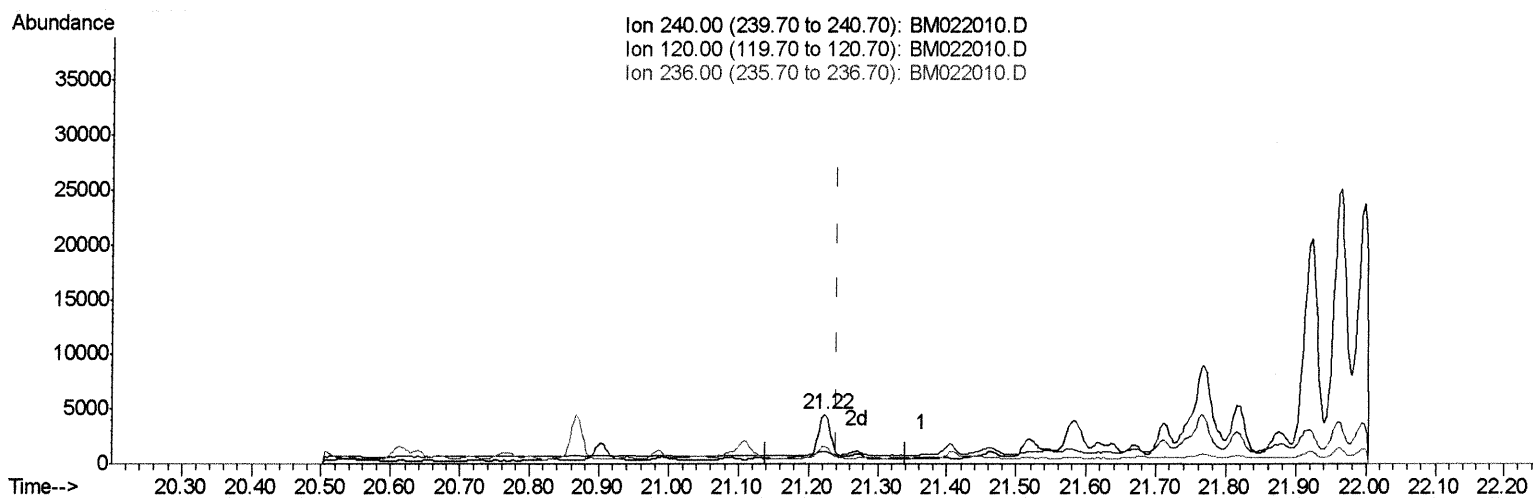
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022010.D
 Acq On : 11 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4028-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:09:59 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)

21.224min (-0.017) 0.40ng/ul m

30 08/12/19

response 4668

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	25.95#
236.00	32.30	36.40
0.00	0.00	0.00

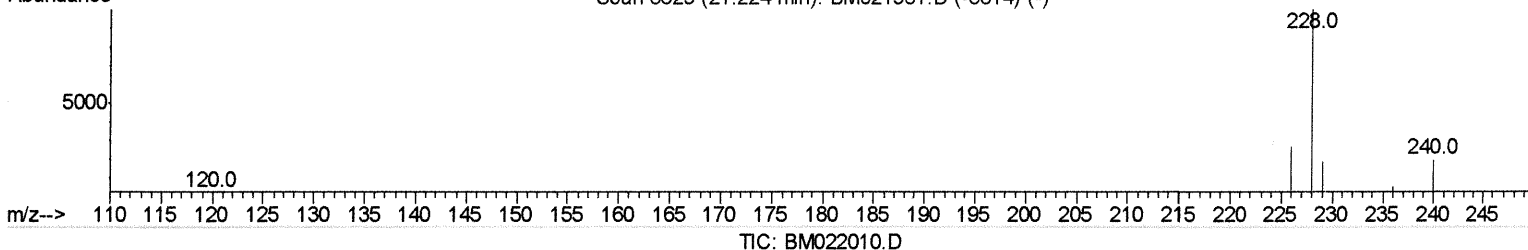
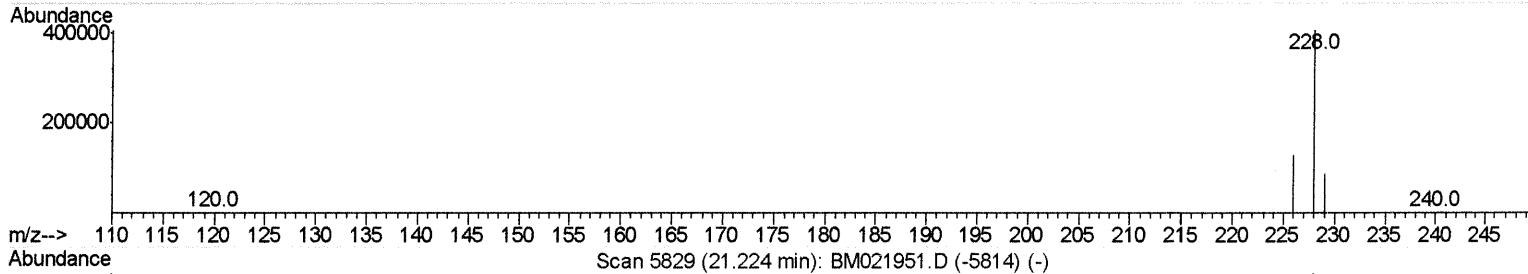
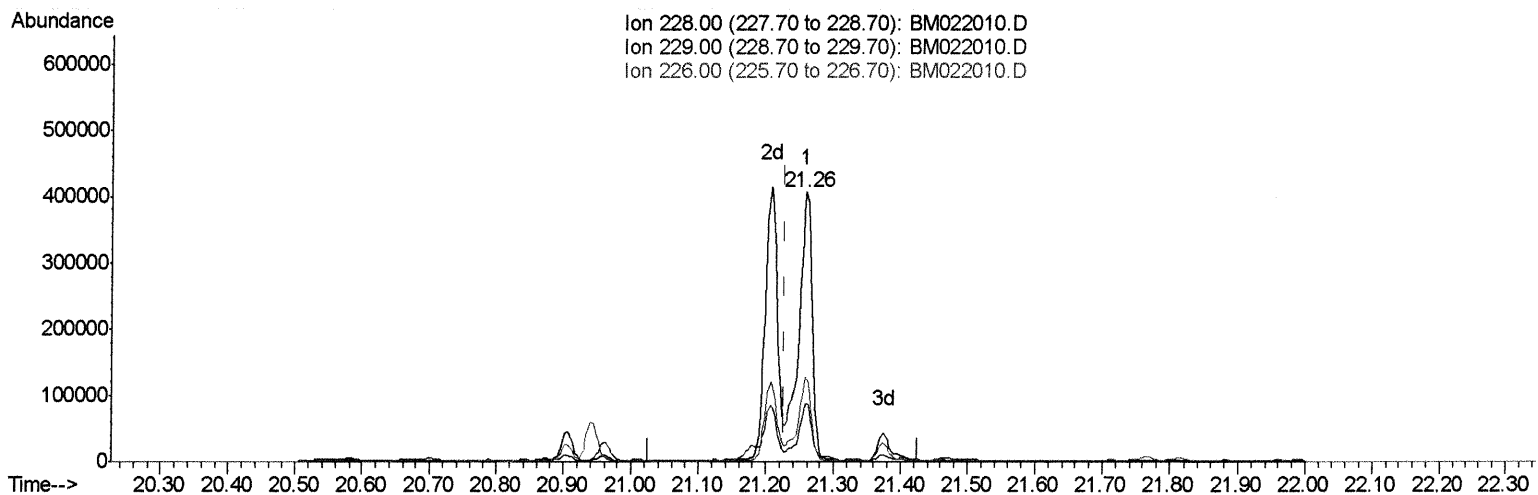
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:11:23 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



(18) Benzo(a)anthracene

21.258min (+0.031) 33.65ng/ul

response 561830

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.51
226.00	28.30	31.33
0.00	0.00	0.00

Quantitation Report (Qedit)

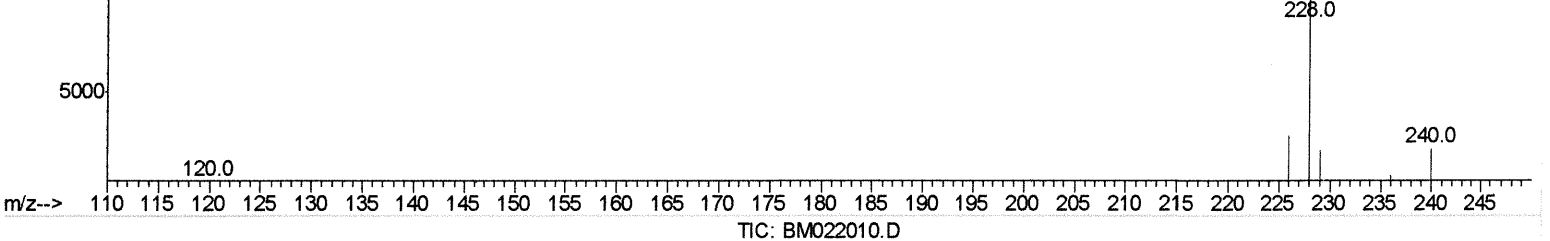
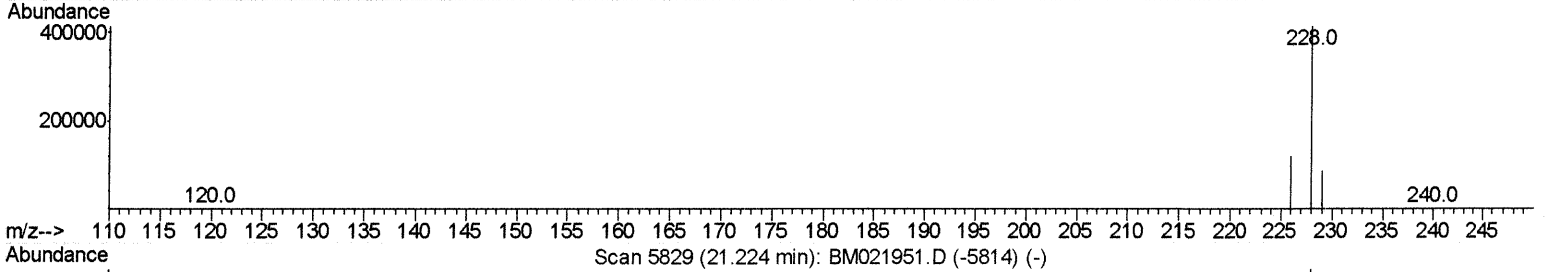
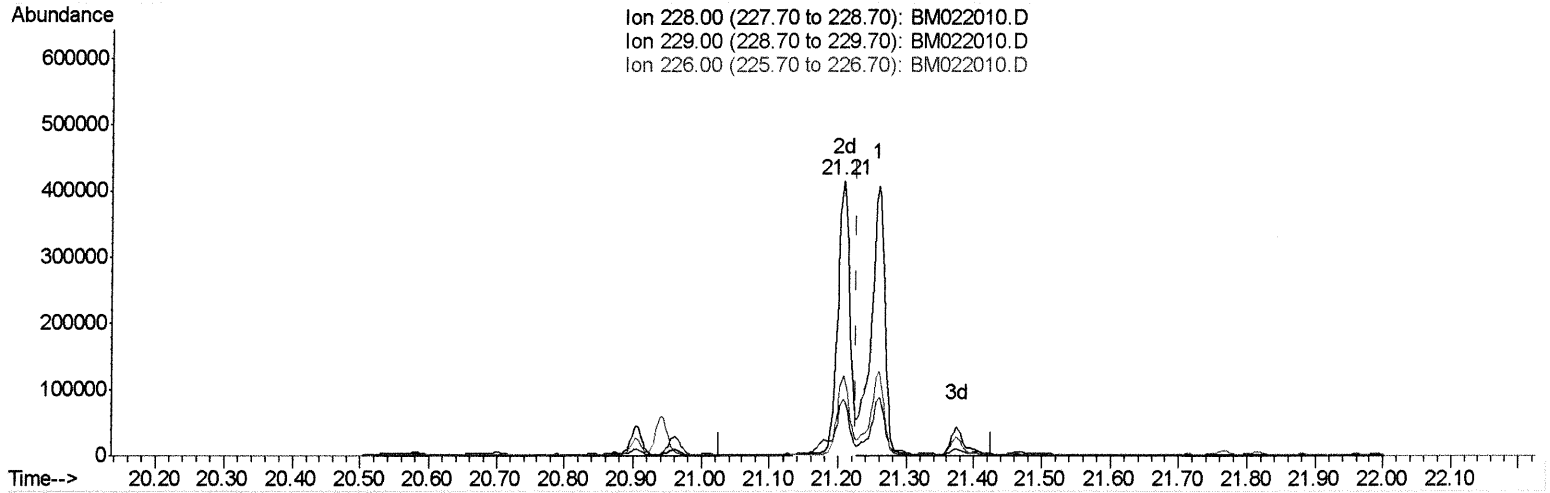
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022010.D
 Acq On : 11 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4028-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:11:23 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



(18) Benzo(a)anthracene

21.207min (-0.020) 31.43ng/ul m *JU 08/12/19*

response 524855

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.61
226.00	28.30	29.04
0.00	0.00	0.00

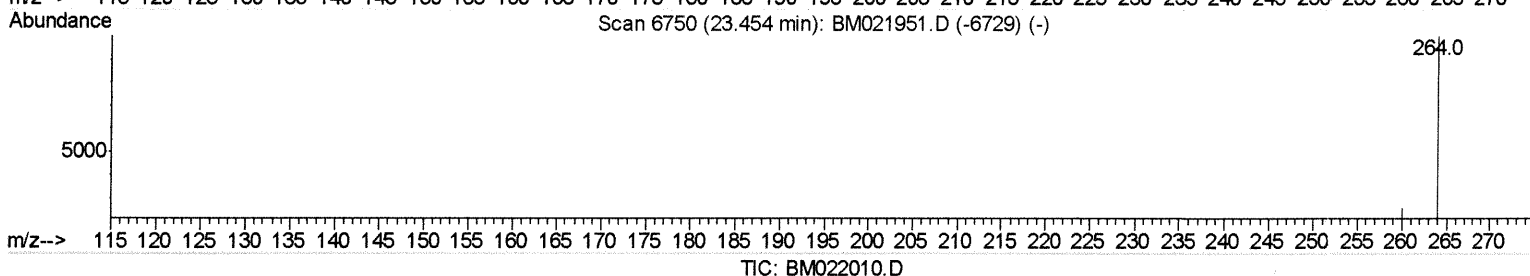
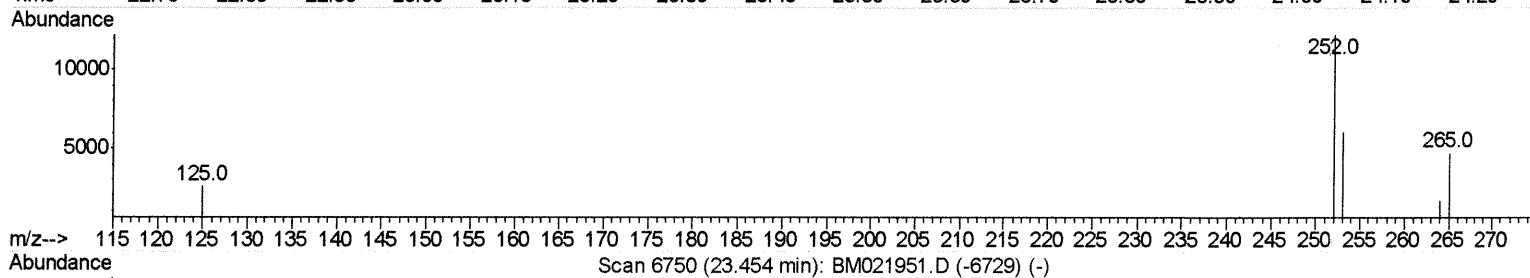
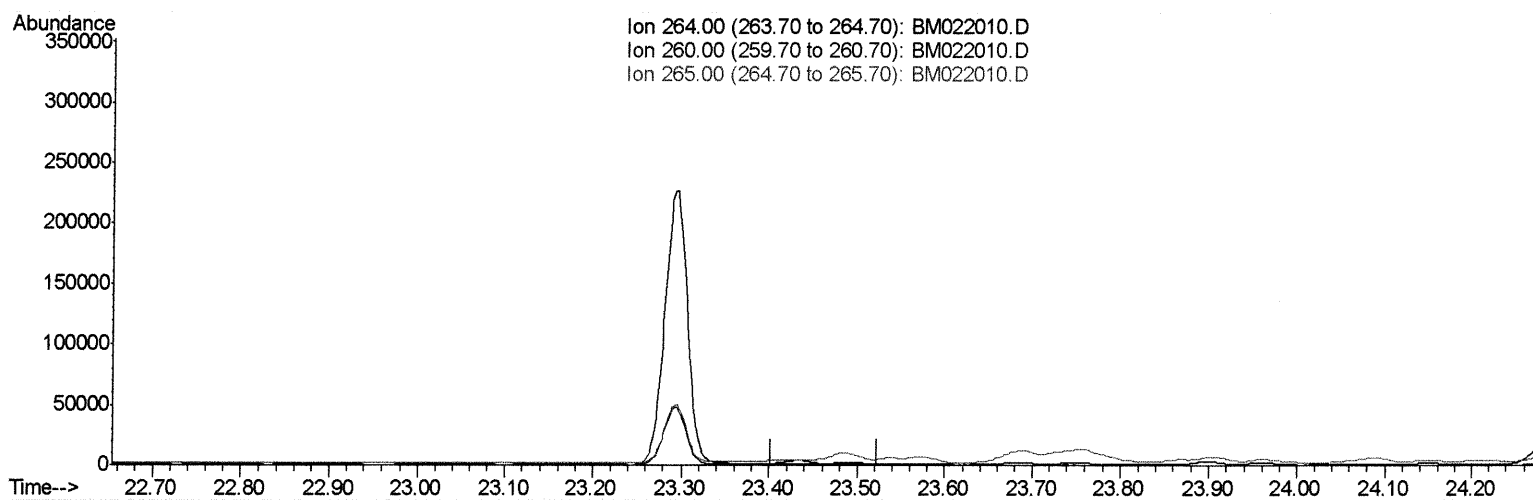
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:11:23 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



(20) Perylene-d12 (I)

23.454min (-23.454) 0.00ng/ui

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

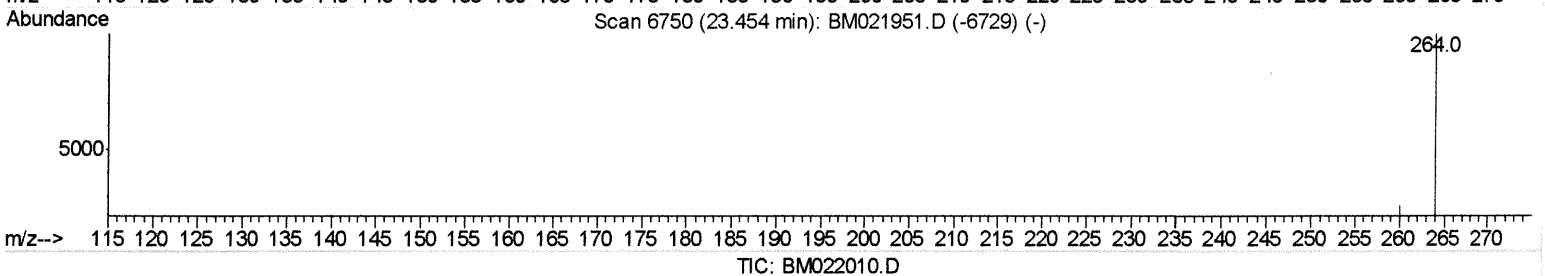
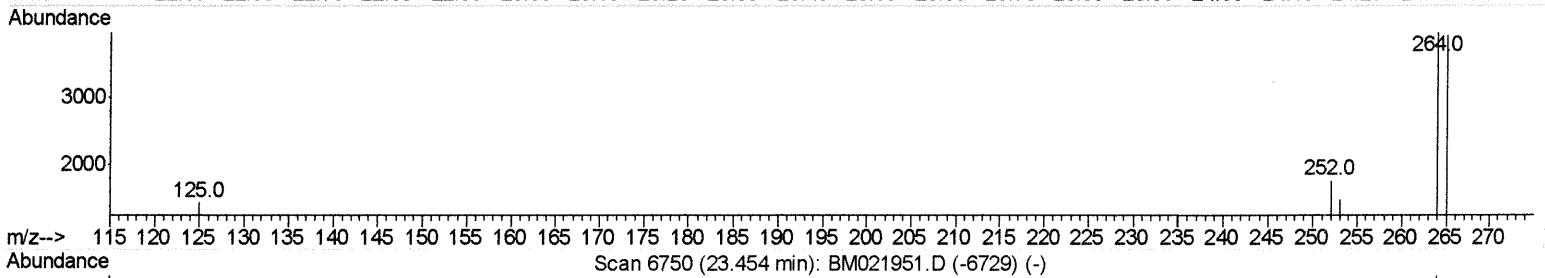
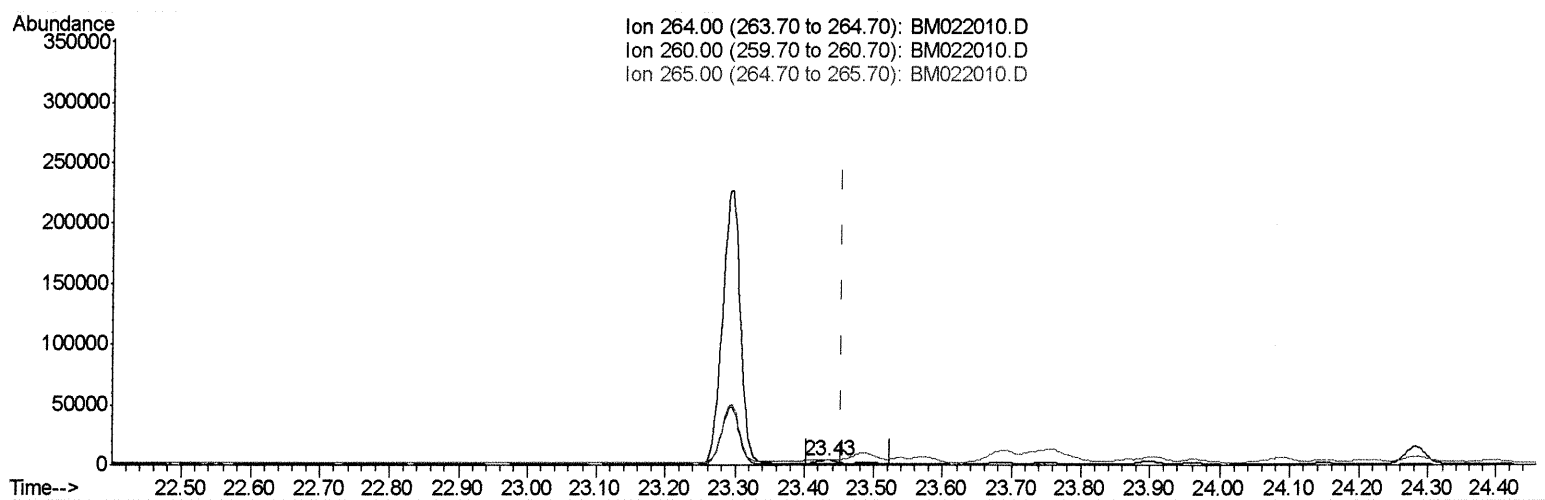
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:11:23 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



(20) Perylene-d12 (I)

23.433min (-0.021) 0.40ng/ul m

JU
08/12/19

response 4559

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	31.91
265.00	117.00	99.04
0.00	0.00	0.00

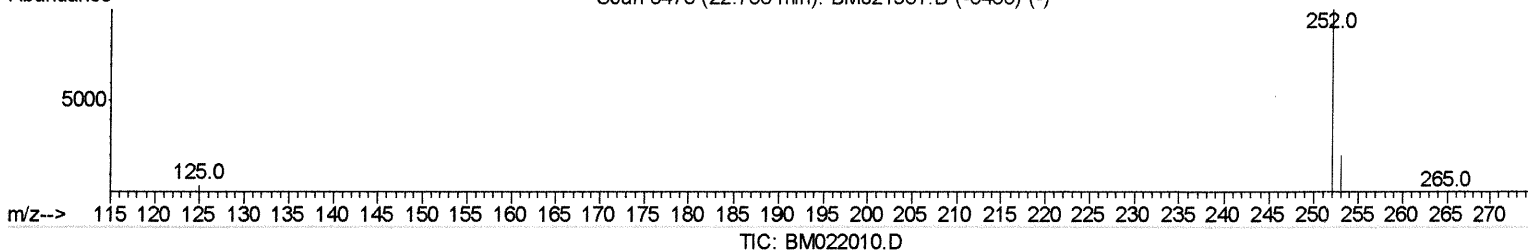
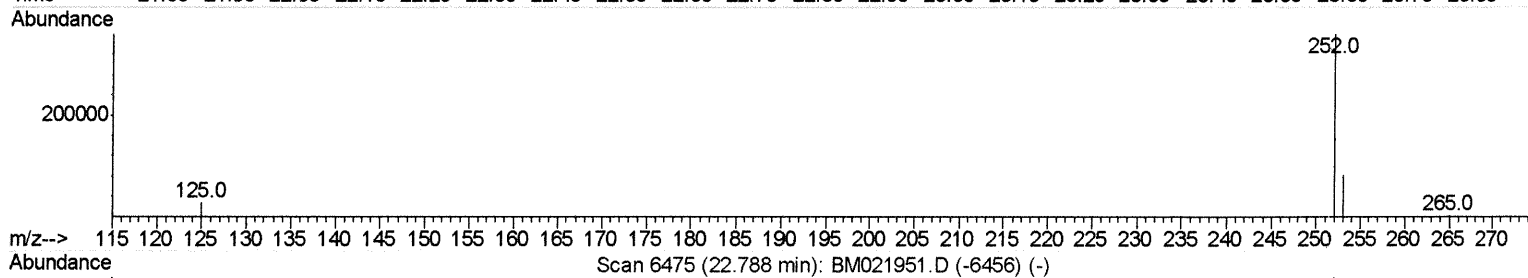
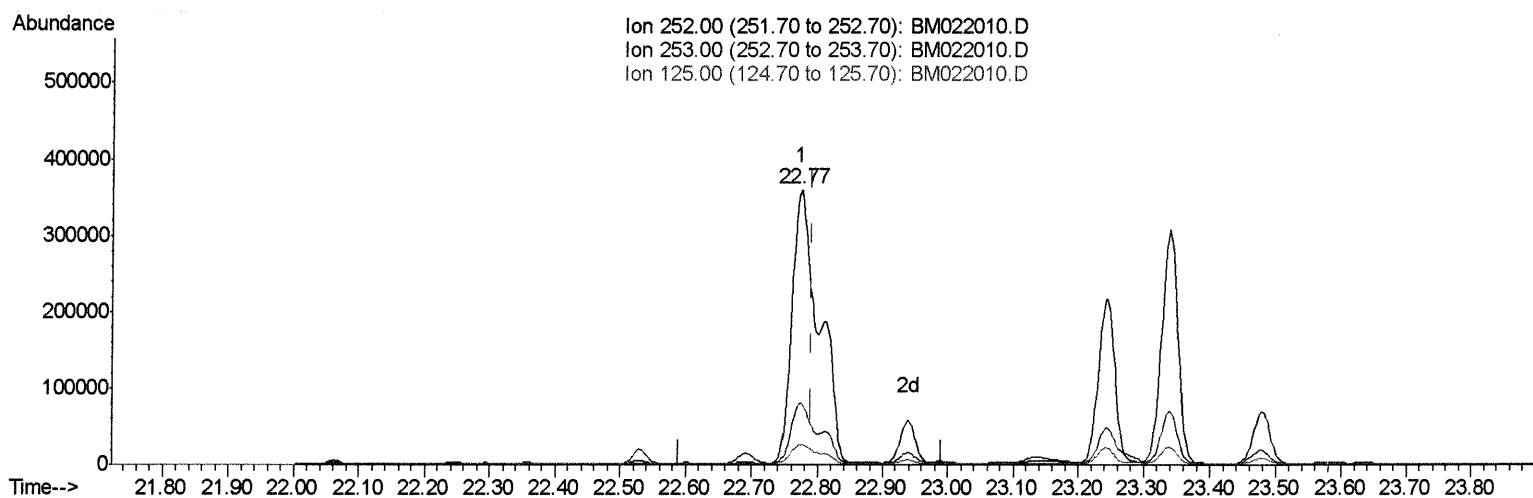
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:12:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.774min (-0.017) 66.85ng/ul

response 1027755

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.65
125.00	15.50	7.44
0.00	0.00	0.00

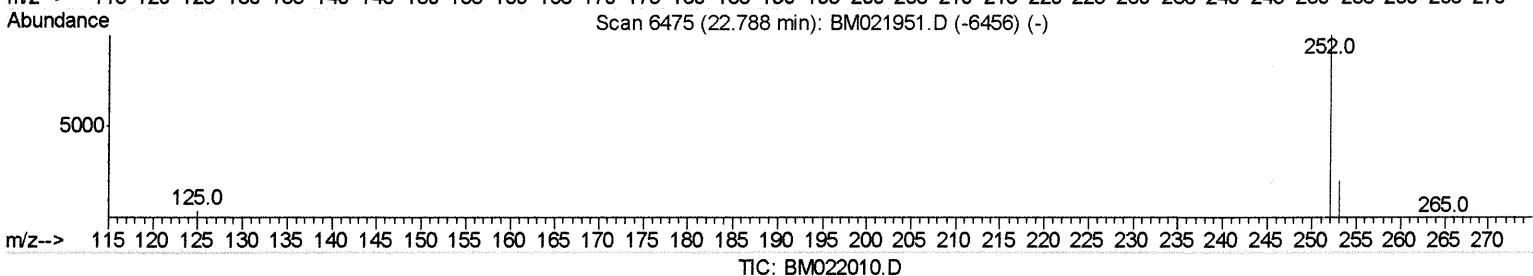
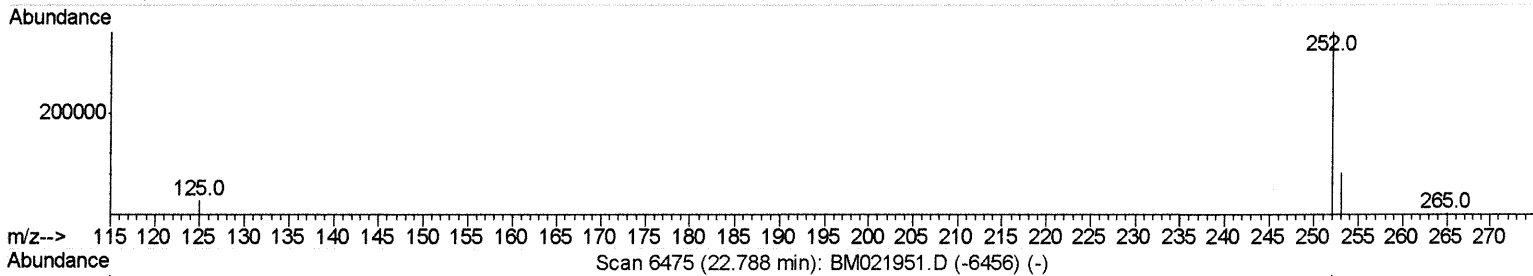
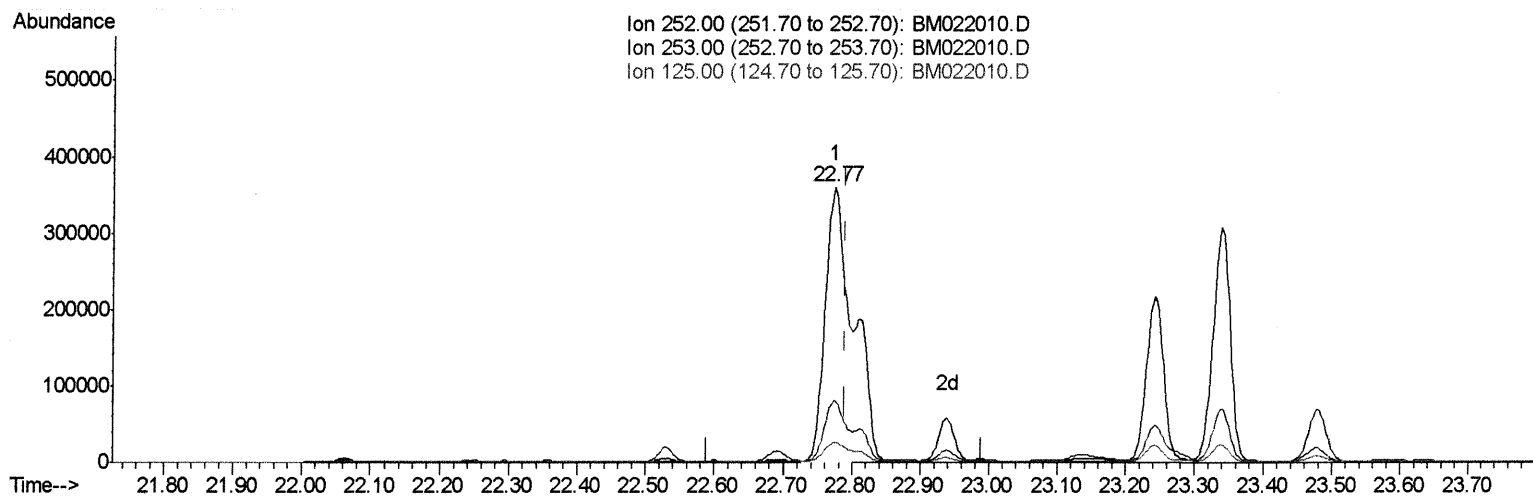
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:12:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.774min (-0.017) 50.13ng/ul m

JU
08/12/19

response 770737

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.65
125.00	15.50	7.44
0.00	0.00	0.00

Quantitation Report (Qedit)

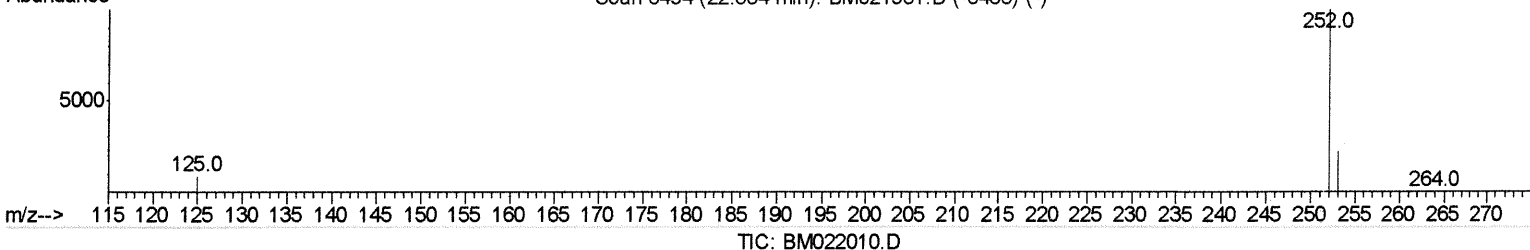
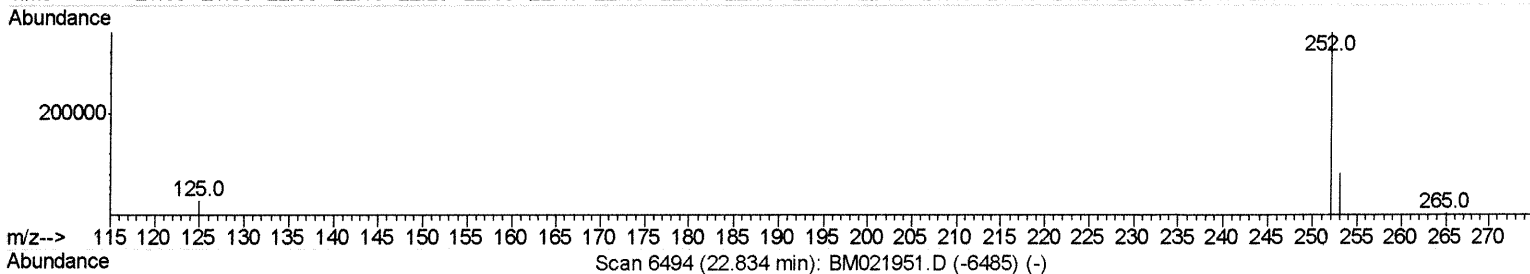
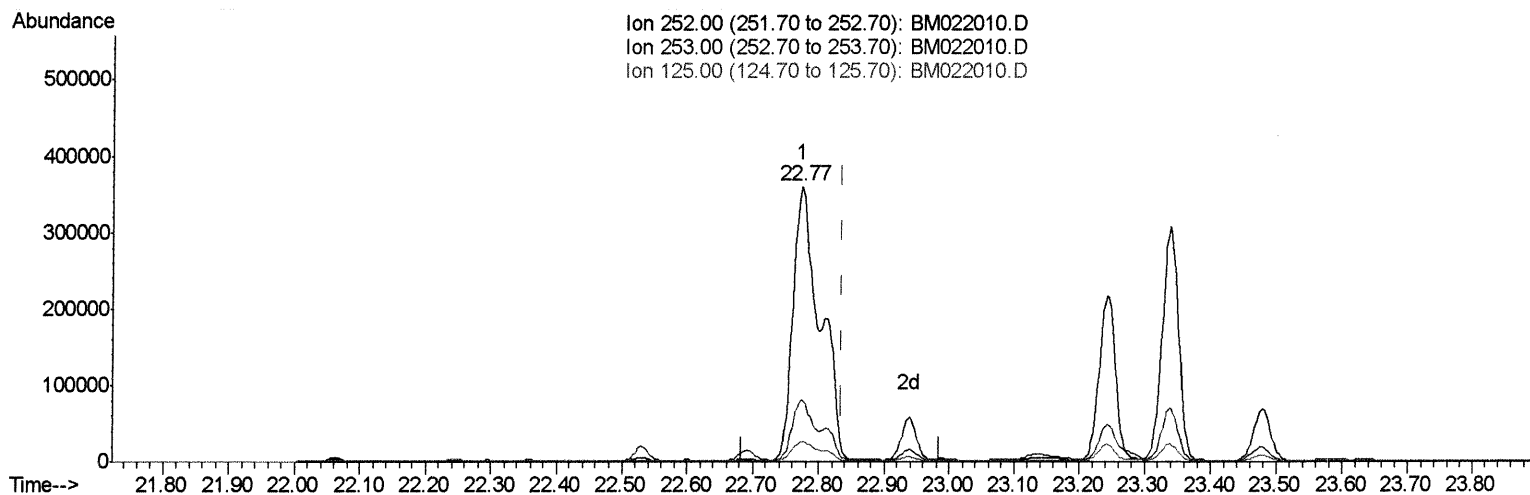
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022010.D
 Acq On : 11 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4028-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENY9

Manual Integrations
APPROVED

Sohil
 8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:12:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.774min (-0.061) 59.06ng/ul
 response 1027577

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.65#
125.00	15.20	7.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

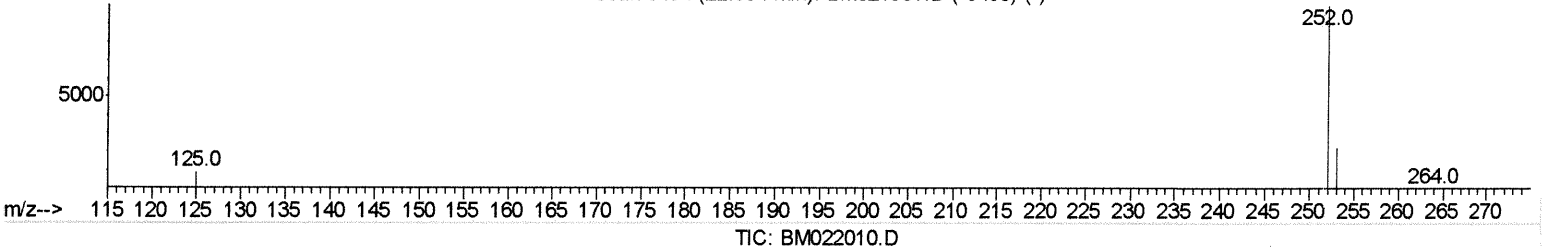
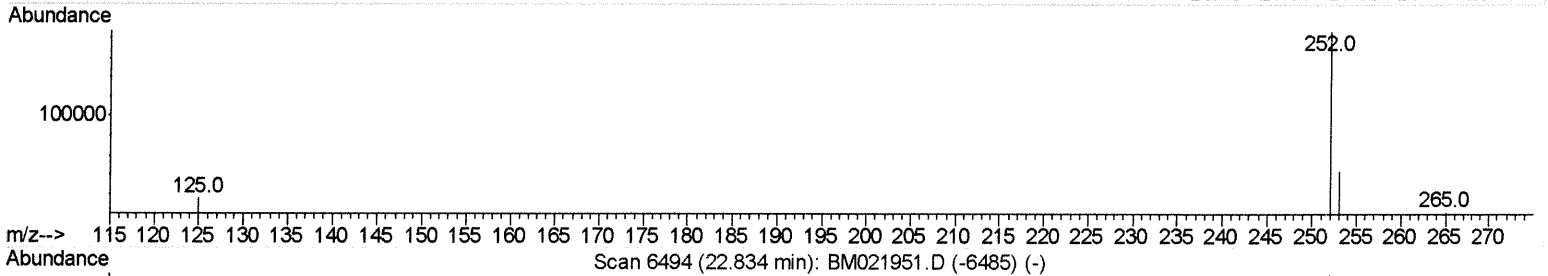
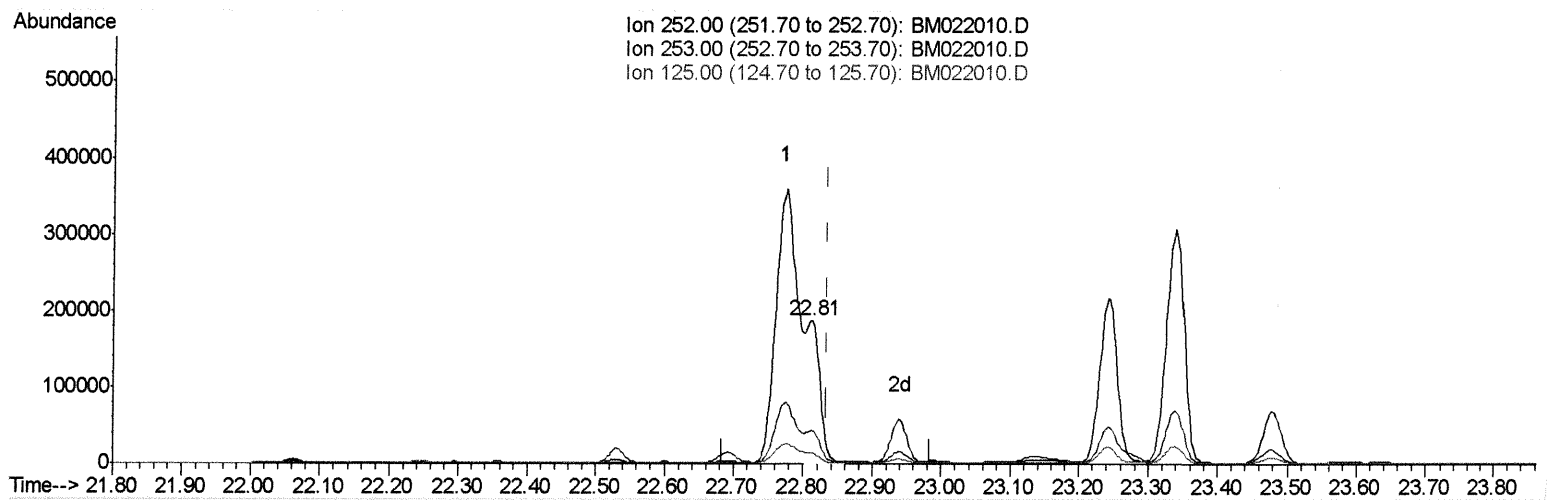
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022010.D
 Acq On : 11 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4028-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:12:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.810min (-0.024) 15.42ng/ul m *JU 08/12/19*

response 268293

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.50#
125.00	15.20	8.13#
0.00	0.00	0.00

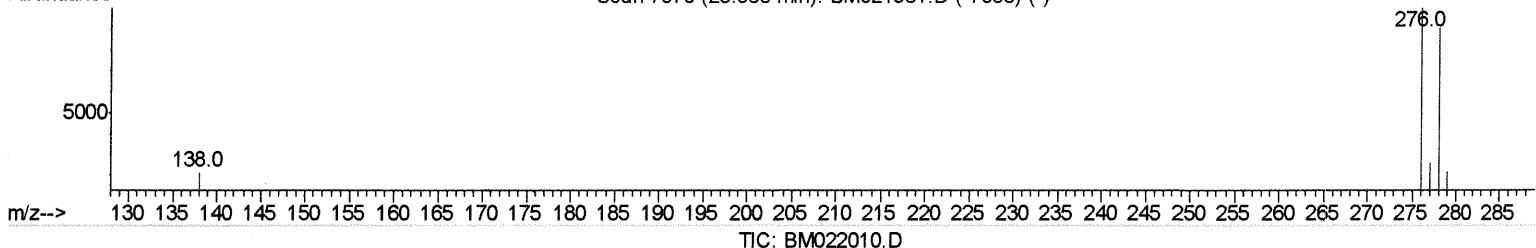
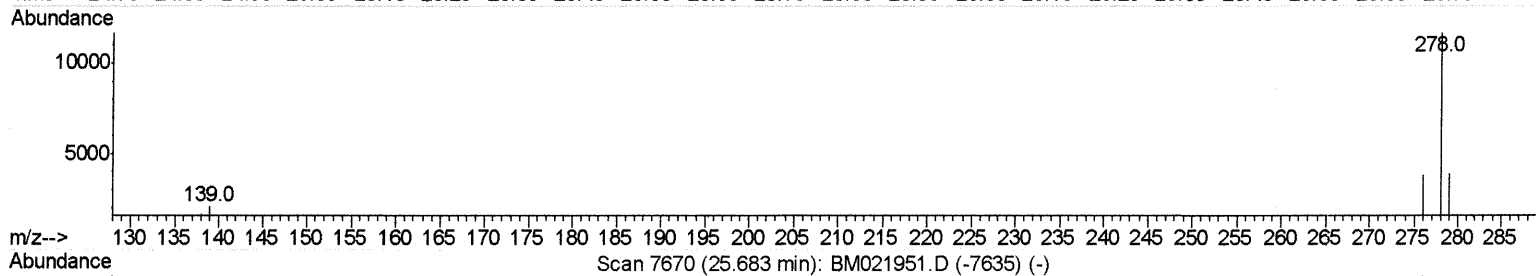
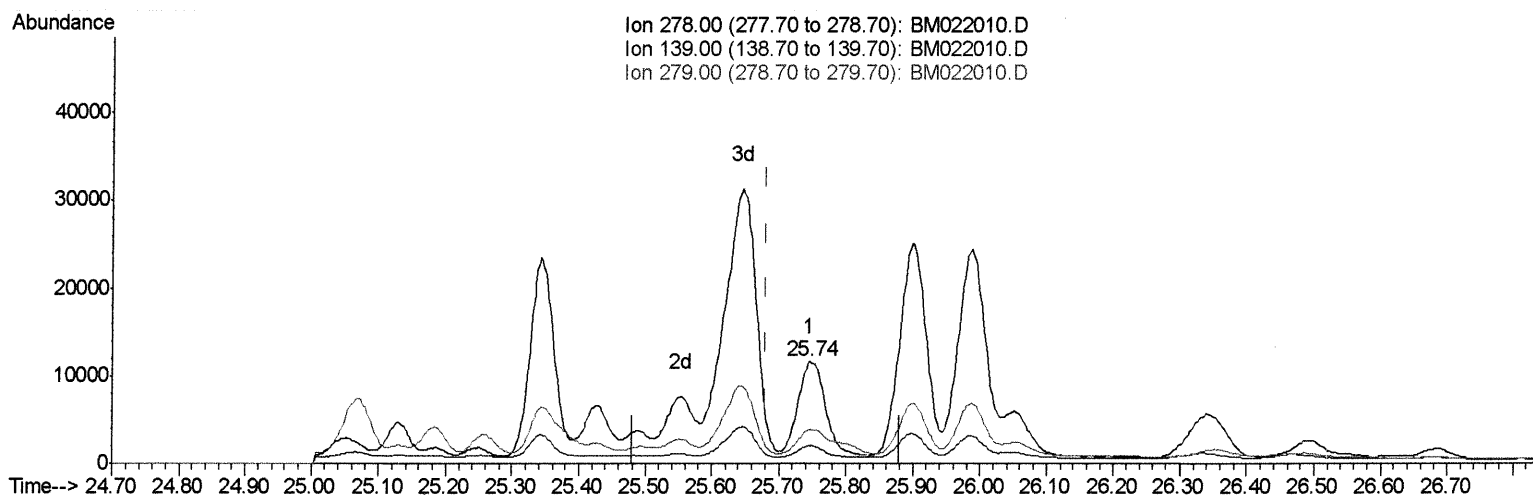
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:12:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.744min (+0.063) 2.01ng/ul

response 30373

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	17.87
279.00	35.40	33.12
0.00	0.00	0.00

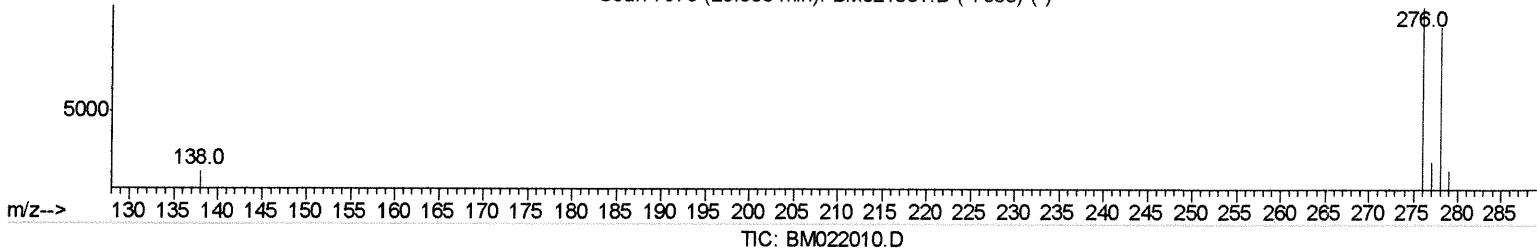
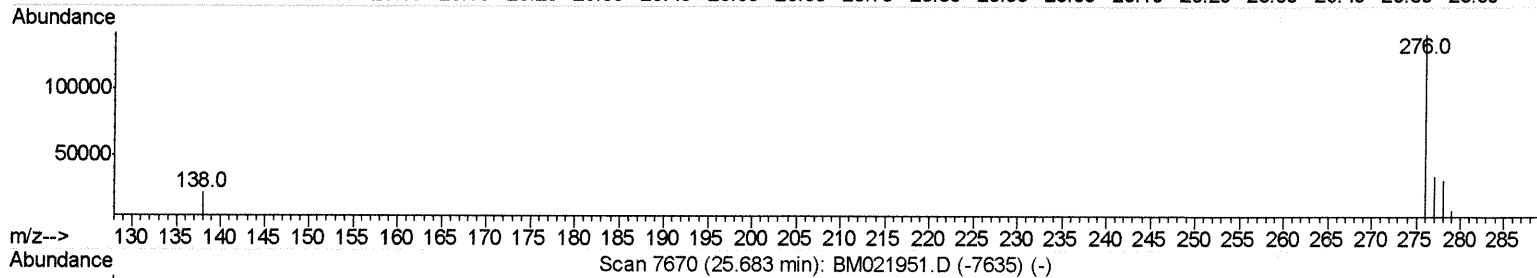
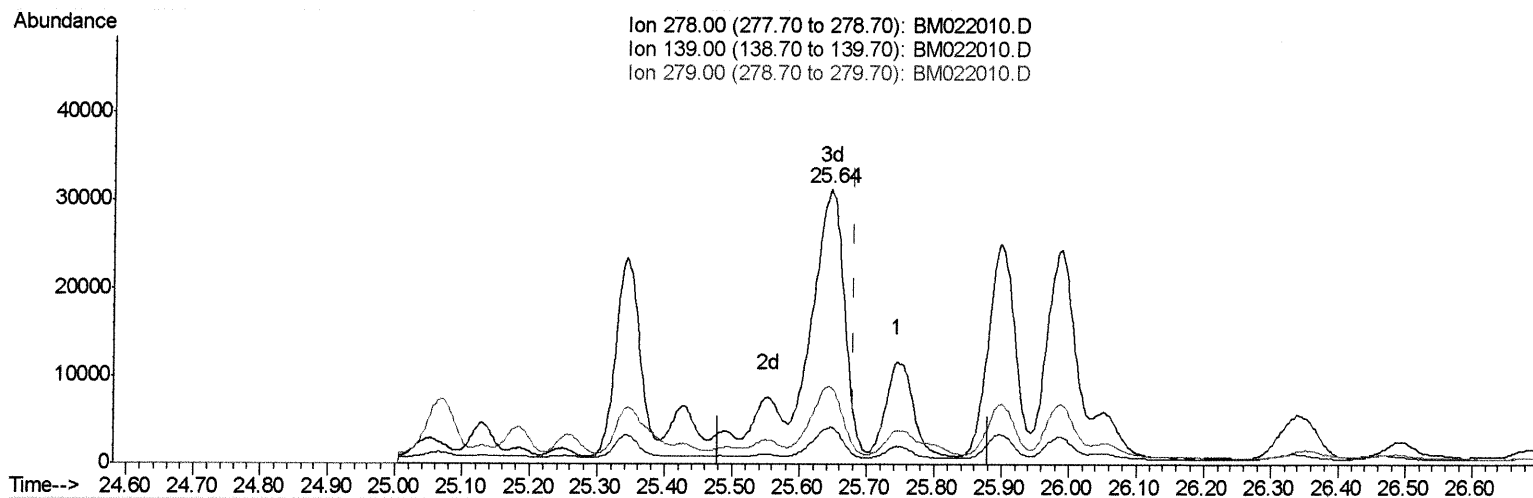
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022010.D
Acq On : 11 Aug 2019 00:27
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENY9

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:12:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.645min (-0.037) 6.58ng/ul m

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response 99283

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	13.54#
279.00	35.40	28.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022010.D
 Acq On : 11 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4028-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:37 AM

Quant Time: Aug 11 03:13:21 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	872	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3651	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	2061	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	4958m→	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4668m→	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4559m→	0.40	ng/ul	-0.02

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.99	152	1424	0.24	ng/ul	-0.03
14) Fluoranthene-d10	19.06	212	4862m	0.29	ng/ul	-0.02

Target Compounds

						Ovalue
3) Naphthalene	10.43	128	5588	0.542	ng/ul	95
5) 2-Methylnaphthalene	12.07	142	3098	0.451	ng/ul	98
7) Acenaphthylene	13.99	152	18846	1.961	ng/ul#	81
8) Acenaphthene	14.32	153	12727	1.618	ng/ul	97
9) Fluorene	15.32	166	15476	1.772	ng/ul	97
12) Phenanthrene	17.06	178	354815m→	24.595	ng/ul	95
13) Anthracene	17.15	178	73629m→	5.983	ng/ul	95
15) Fluoranthene	19.09	202	985709m→	51.008	ng/ul	95
17) Pyrene	19.46	202	913206	47.607	ng/ul#	94
18) Benzo(a)anthracene	21.21	228	524855m→	31.434	ng/ul	95
19) Chrysene	21.26	228	561830	26.164	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	770737m→	50.134	ng/ul	95
22) Benzo(k)fluoranthene	22.81	252	268293m→	15.421	ng/ul	95
23) Benzo(a)pyrene	23.34	252	536336	34.305	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.64	276	373108	19.987	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.64	278	99283m→	6.580	ng/ul	95
26) Benzo(a,h,i)perylene	26.33	276	367766	21.883	ng/ul	94

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 08/12/19

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