

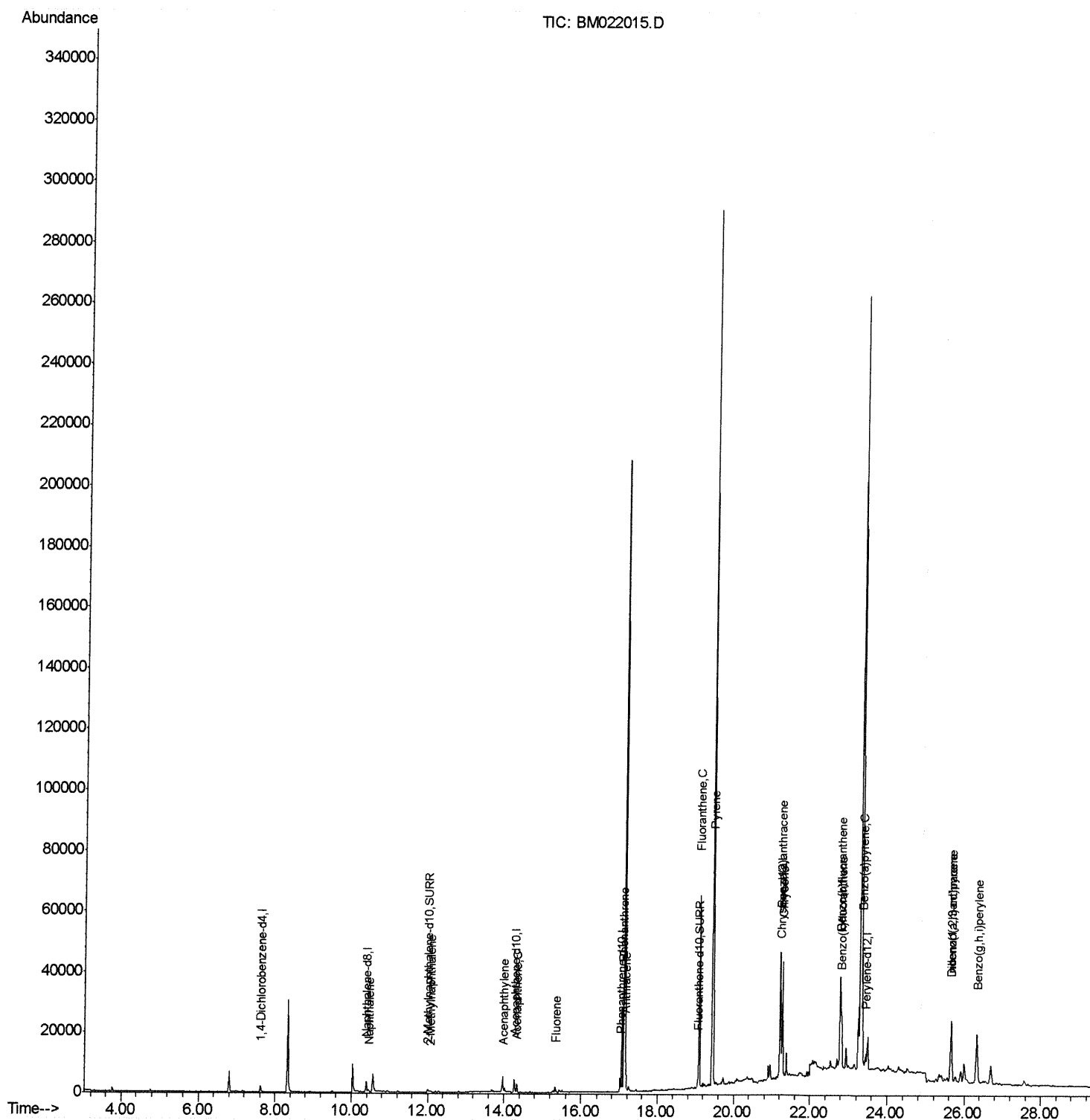
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:29:47 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



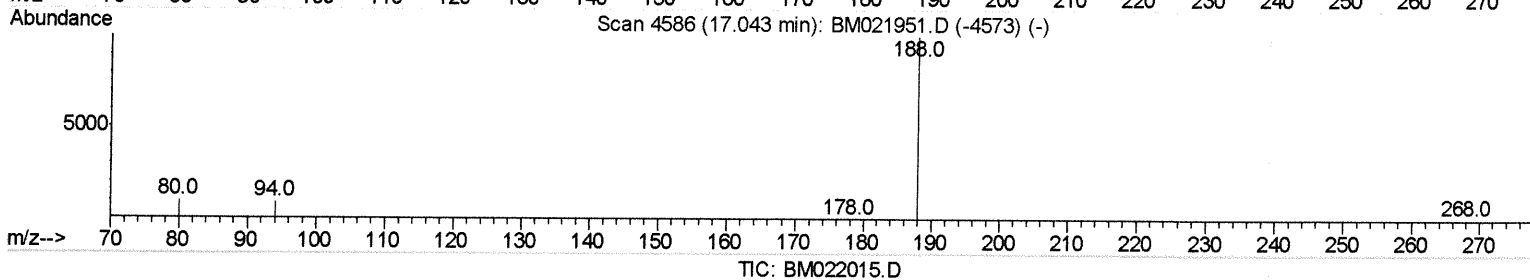
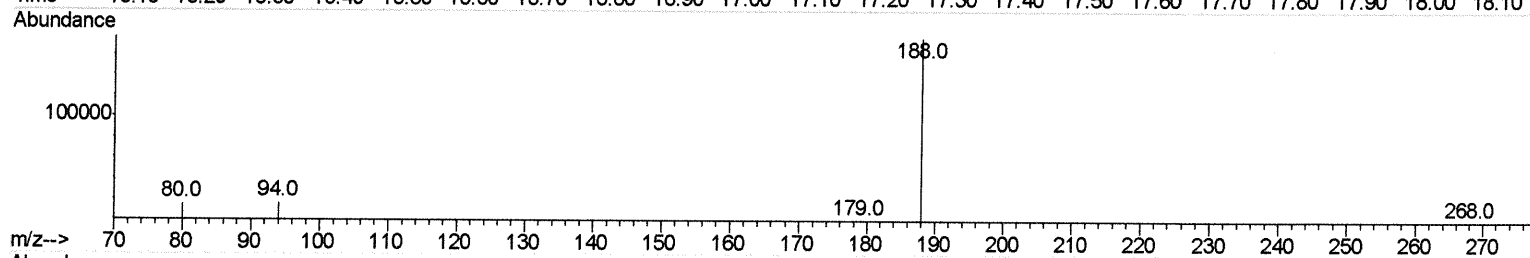
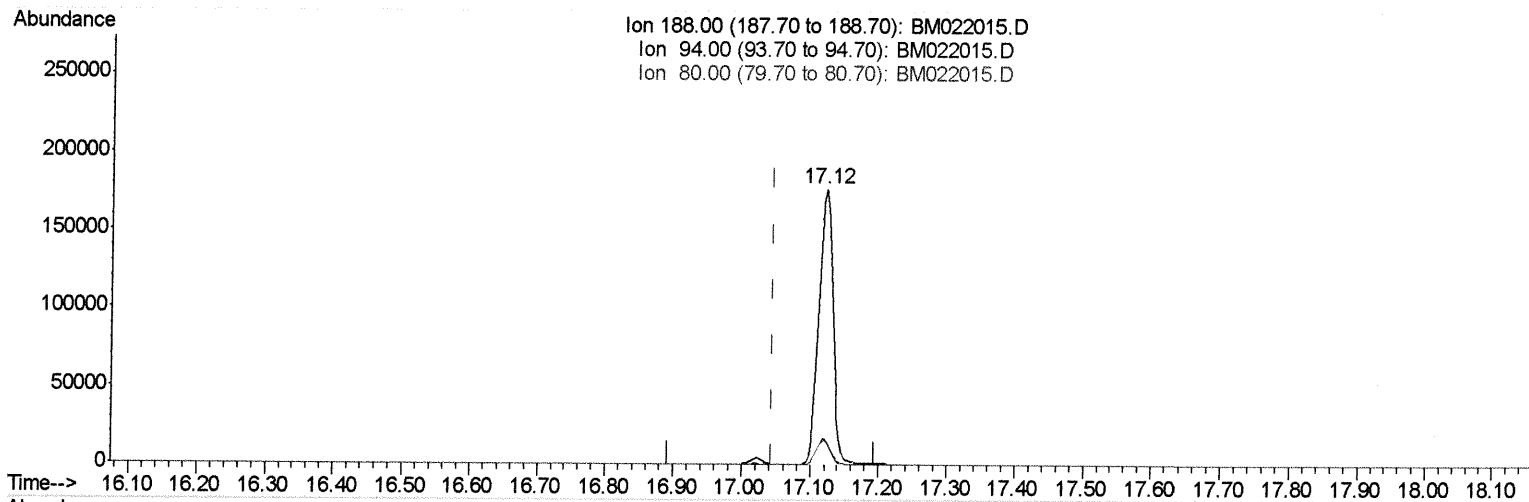
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:22:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.121min (+0.077) 0.40ng/ul

response 246249

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.02
80.00	11.40	8.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

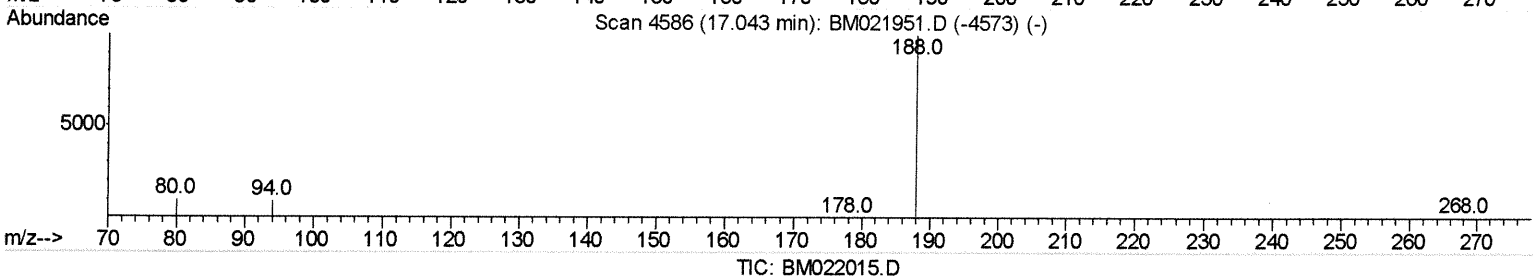
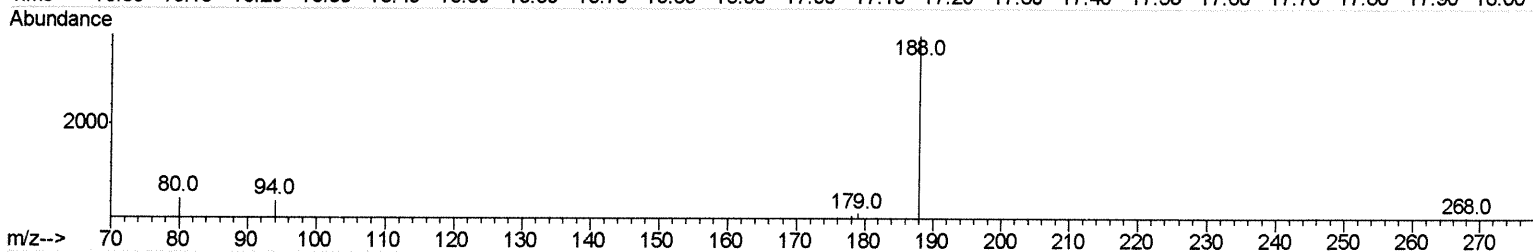
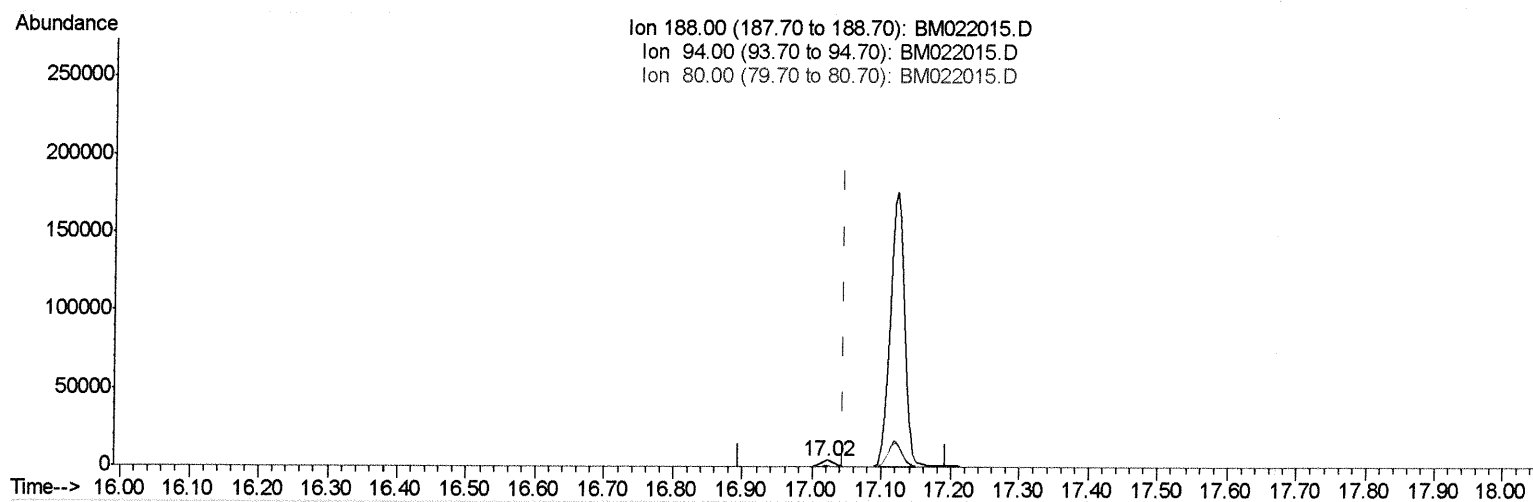
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:22:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.020min (-0.024) 0.40ng/ul m

JU
08/12/19

response 5406

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.25
80.00	11.40	12.41
0.00	0.00	0.00

Quantitation Report (Qedit)

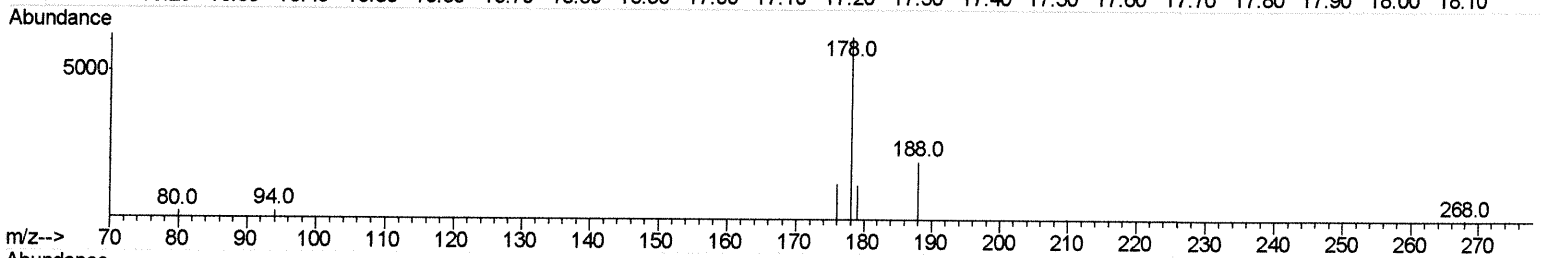
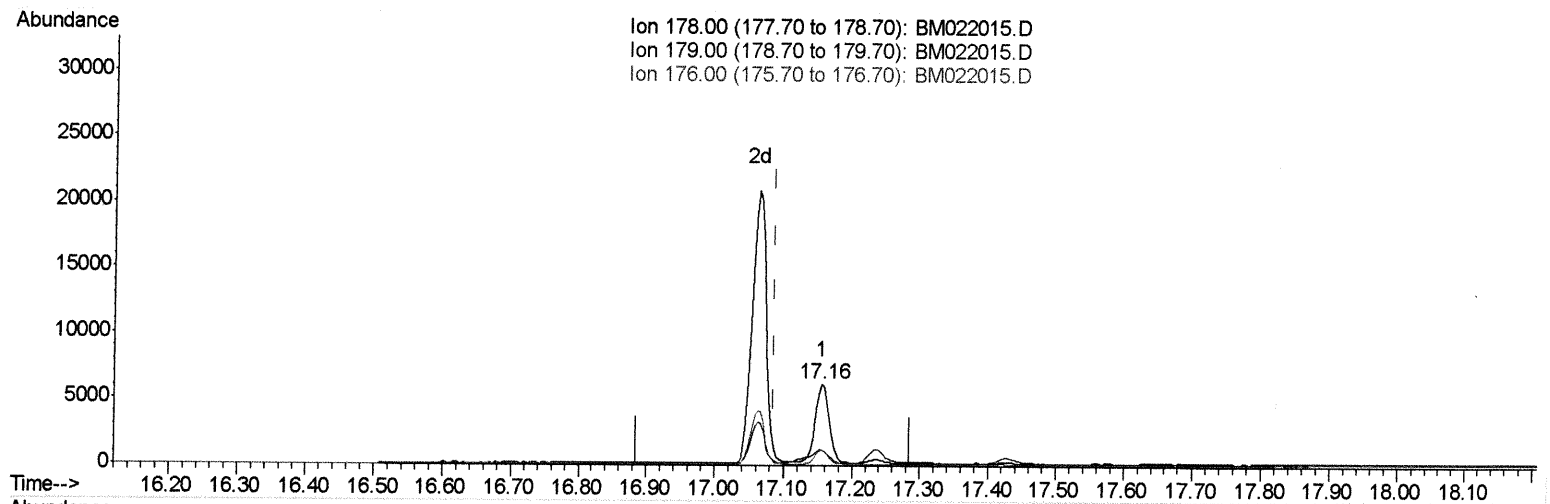
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

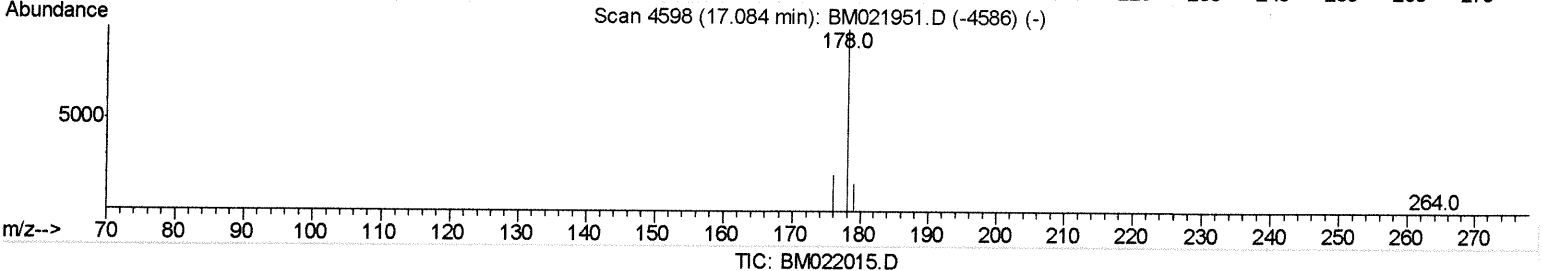
Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:25:07 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



Scan 4598 (17.084 min): BM021951.D (-4586) (-)



(12) Phenanthrene

17.156min (+0.070) 0.56ng/ul

response 8814

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	19.86
176.00	21.00	20.37
0.00	0.00	0.00

Quantitation Report (Qedit)

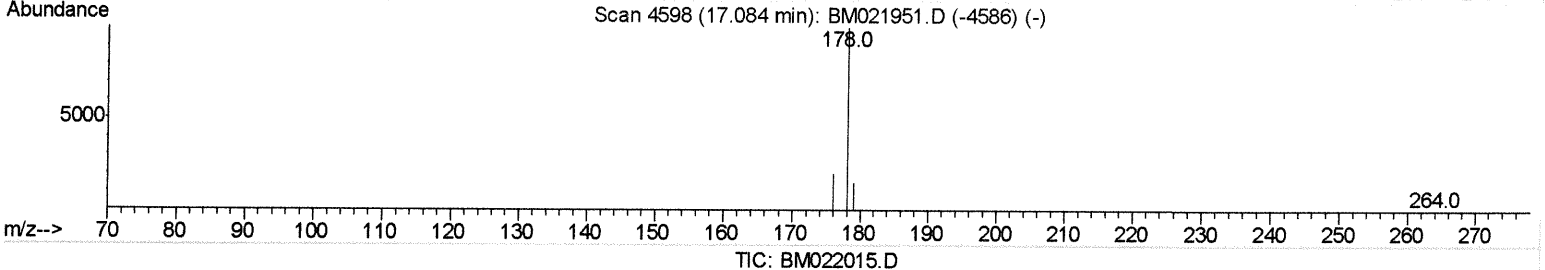
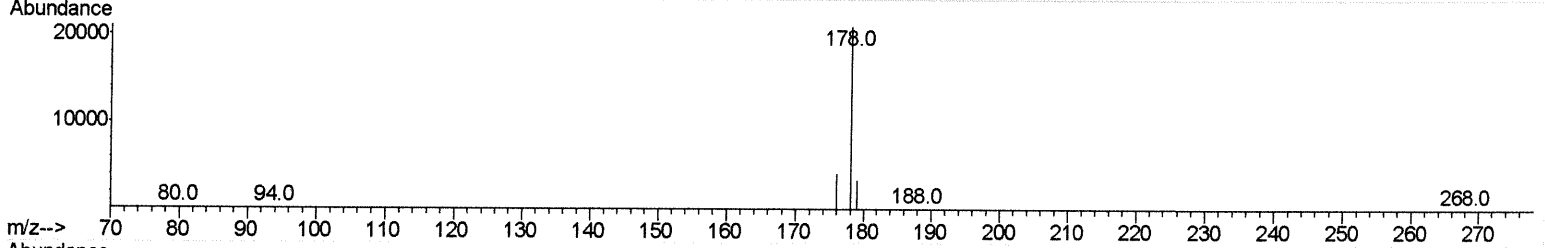
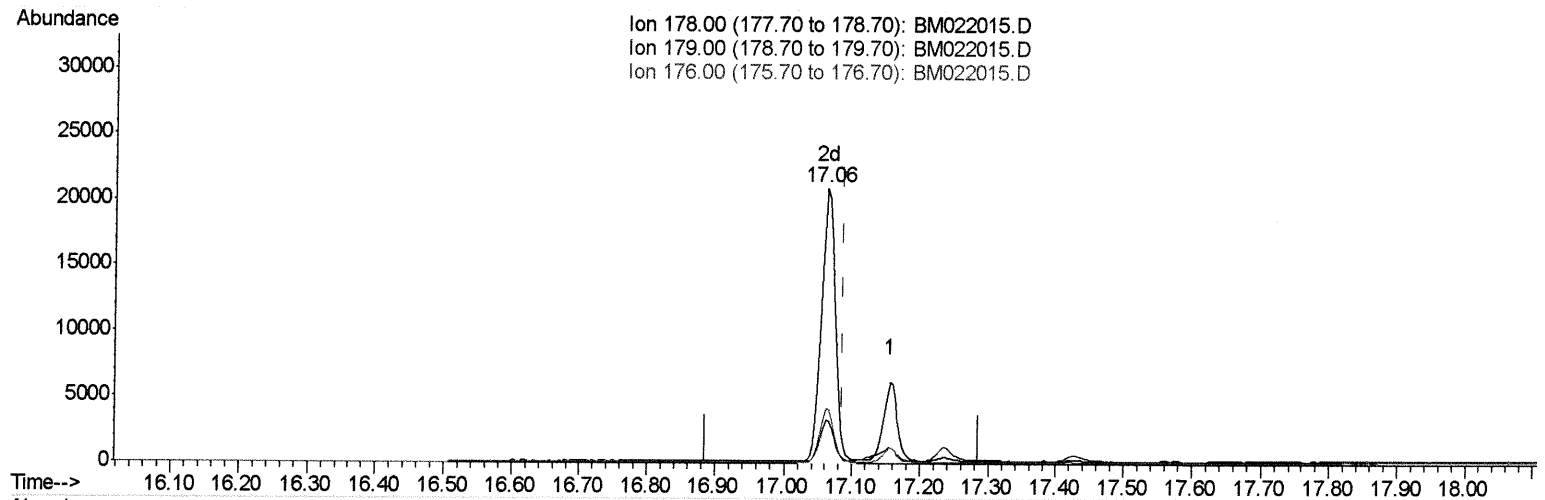
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:25:07 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



(12) Phenanthrene

17.062min (-0.024) 1.93ng/ul m

JU
08/12/19

response 30397

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.03
176.00	21.00	19.88
0.00	0.00	0.00

Quantitation Report (Qedit)

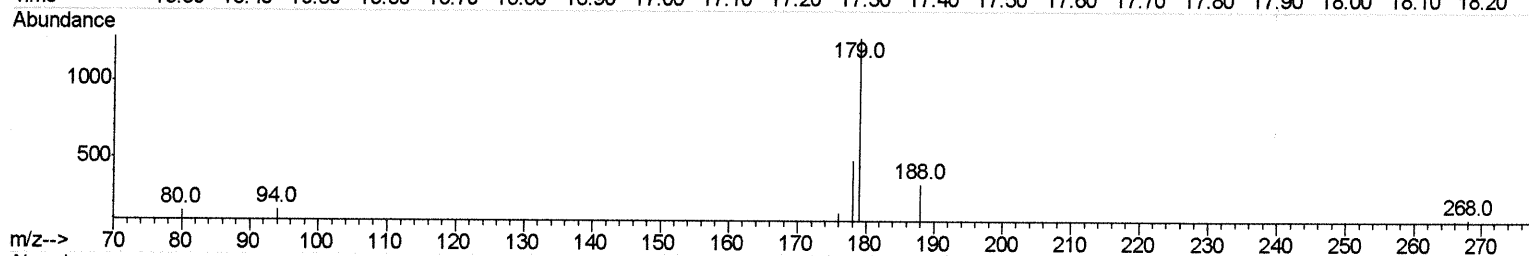
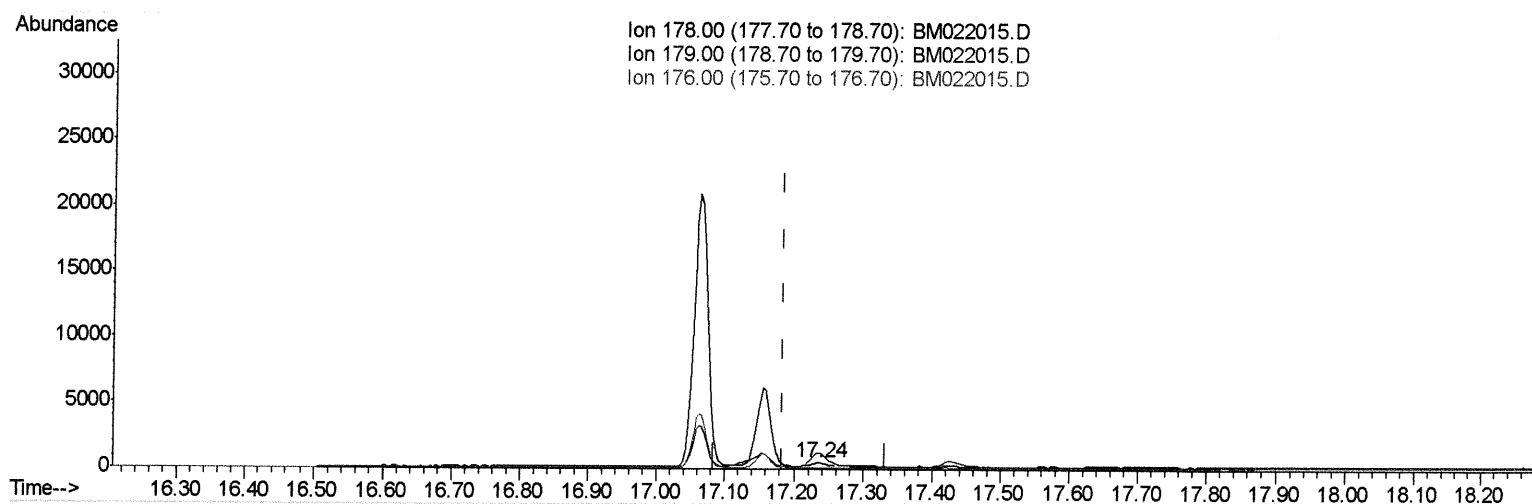
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

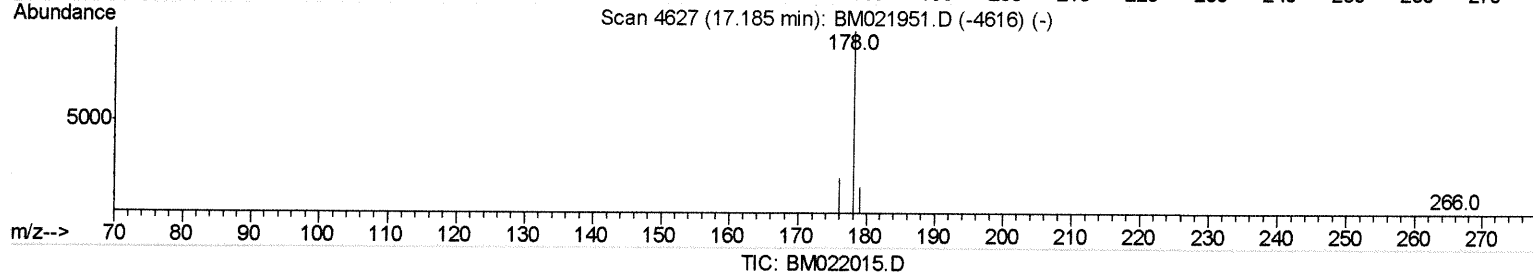
Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:25:07 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



Scan 4627 (17.185 min): BM021951.D (-4616) (-)



(13) Anthracene

17.235min (+0.052) 0.04ng/ul

response 548

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	264.12#
176.00	20.80	29.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

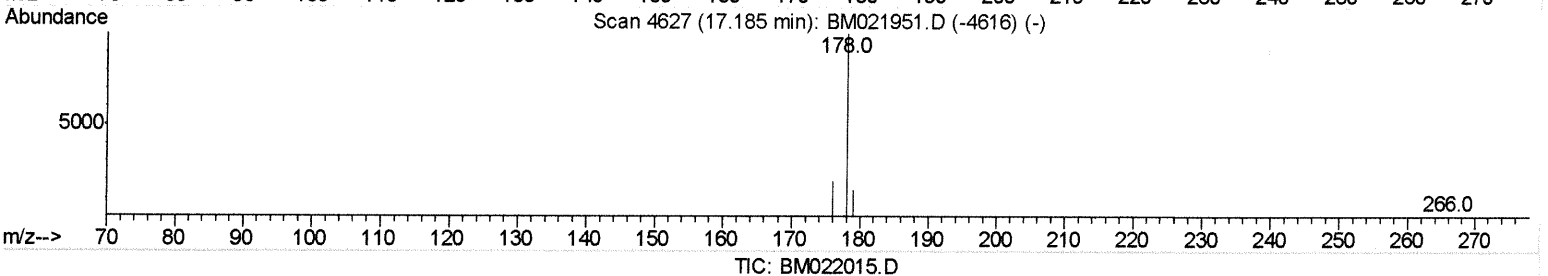
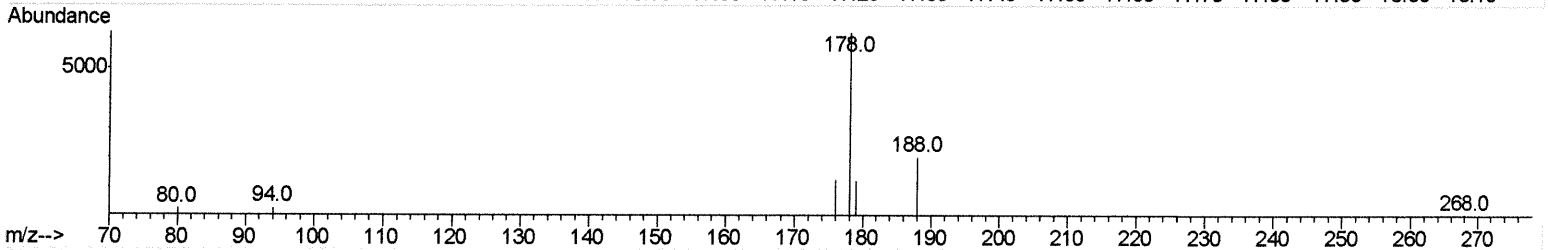
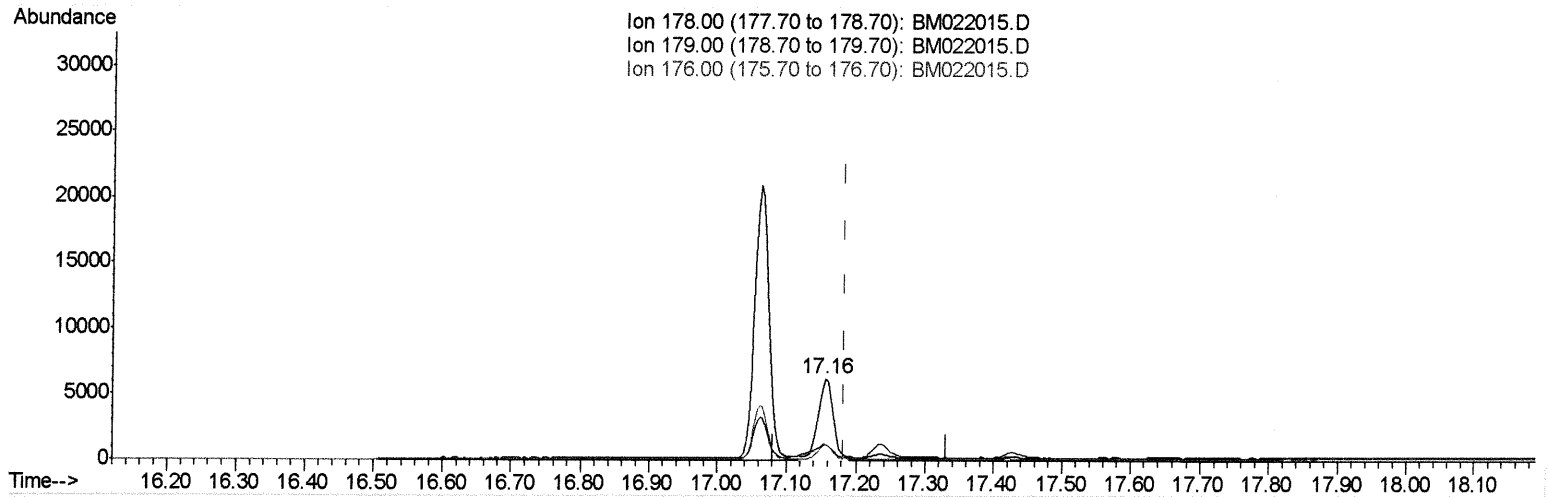
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:25:07 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



(13) Anthracene

17.156min (-0.028) 0.70ng/ul m *JU 08/12/19*

response 9397

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	19.86
176.00	20.80	20.37
0.00	0.00	0.00

Quantitation Report (Qedit)

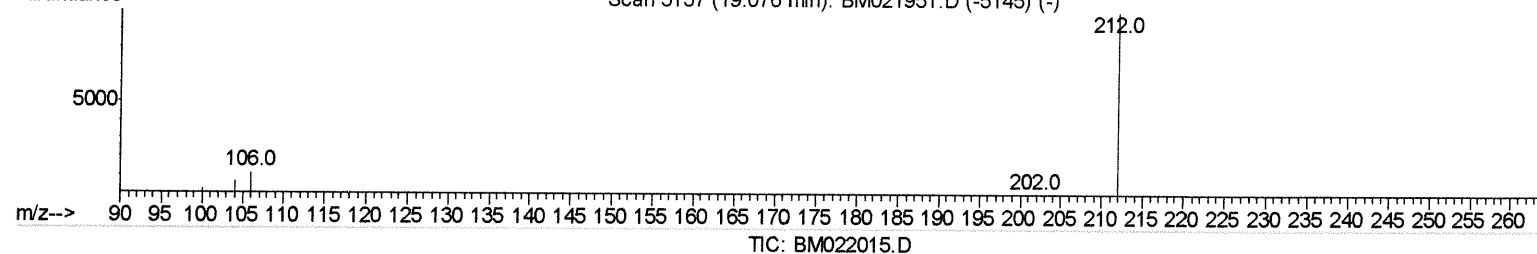
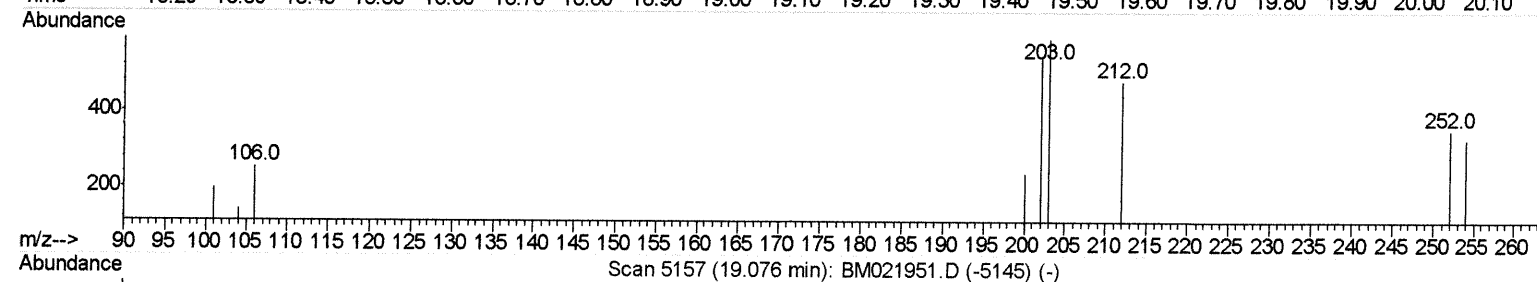
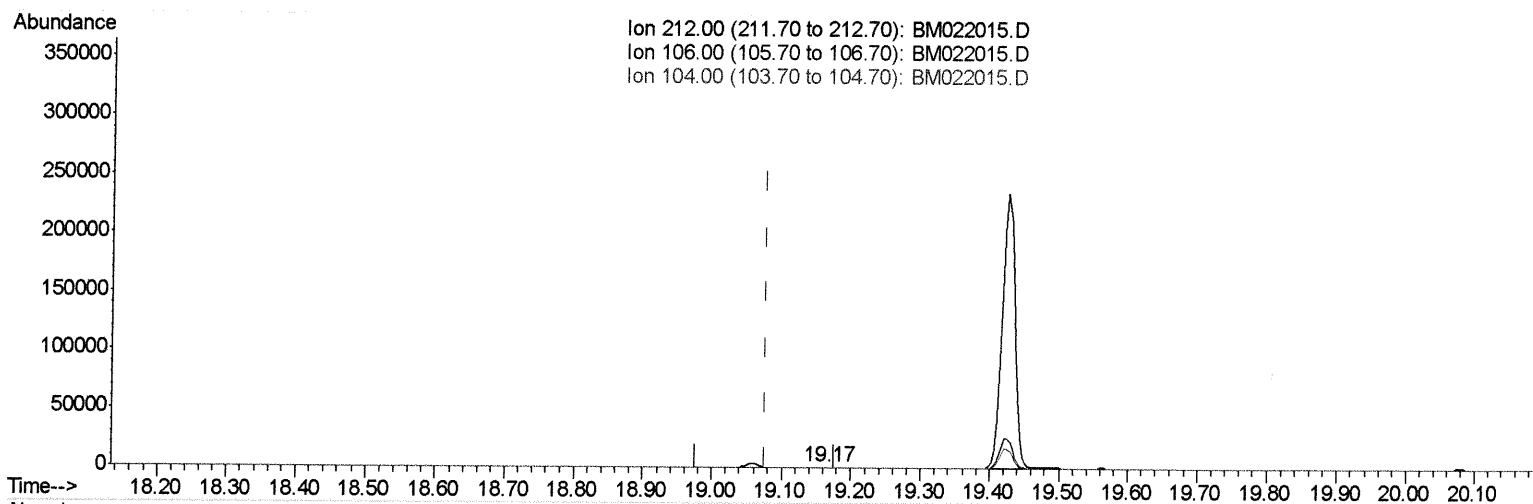
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:25:07 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



(14) Fluoranthene-d10 (SURR)

19.165min (+0.088) 0.02ng/ul

response 344

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	24.13#
104.00	6.00	0.00#
0.00	0.00	0.00

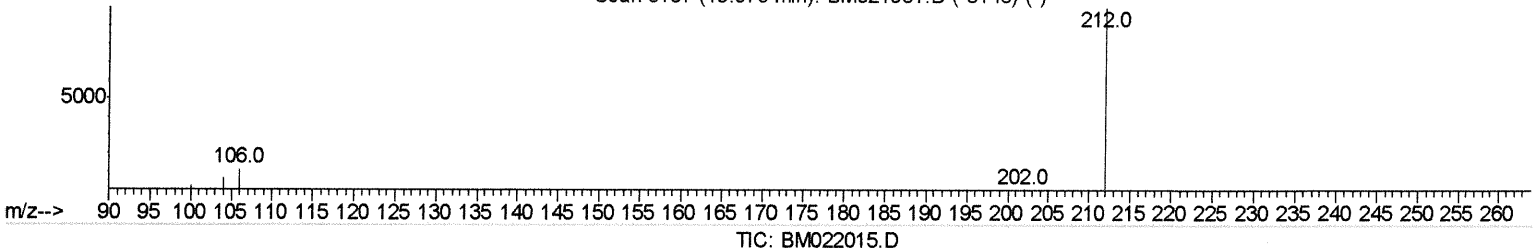
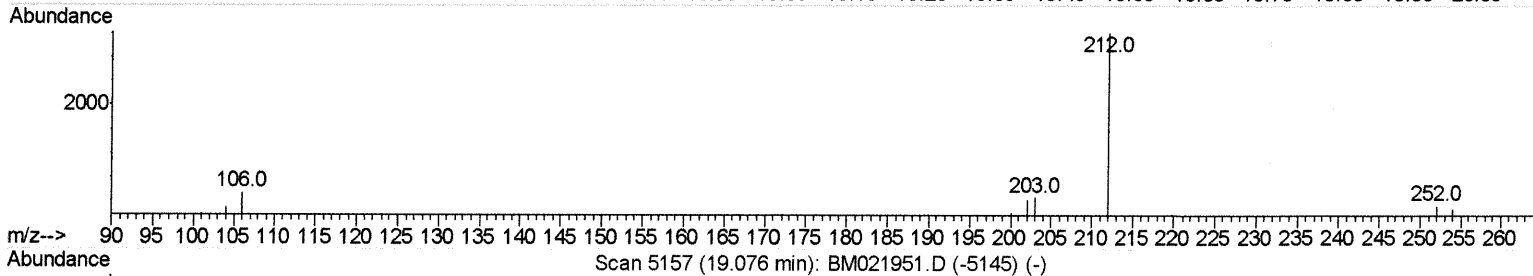
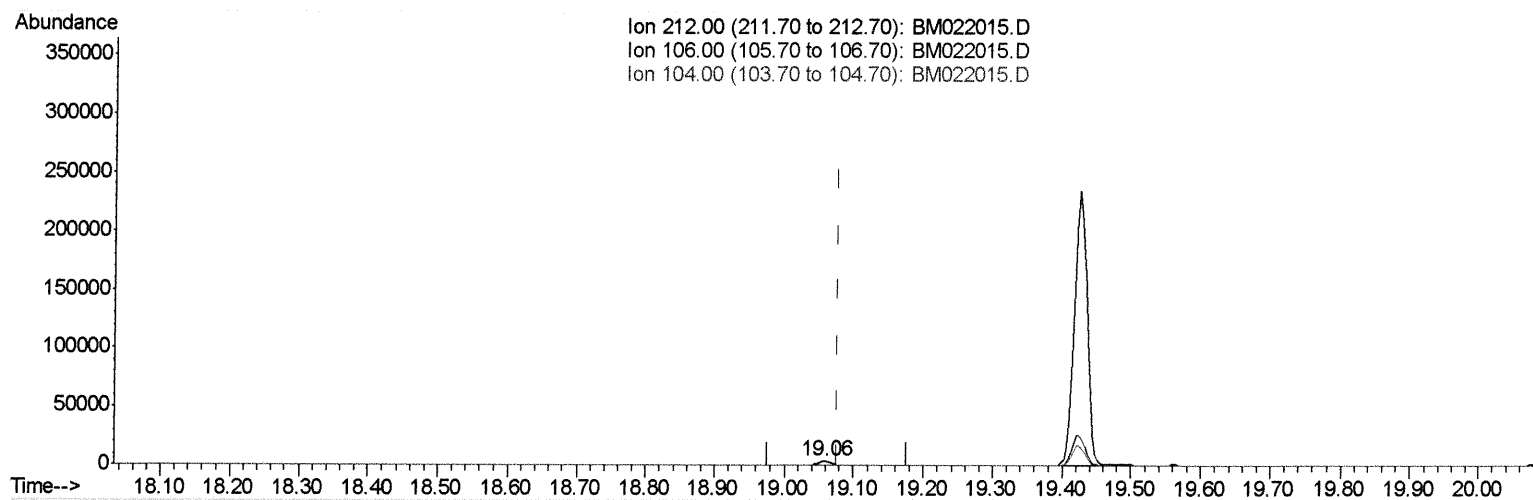
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:25:07 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



(14) Fluoranthene-d10 (SURR)

19.058min (-0.019) 0.25ng/ul m

JU
08/12/19

response 4568

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	1.82#
104.00	6.00	0.00#
0.00	0.00	0.00

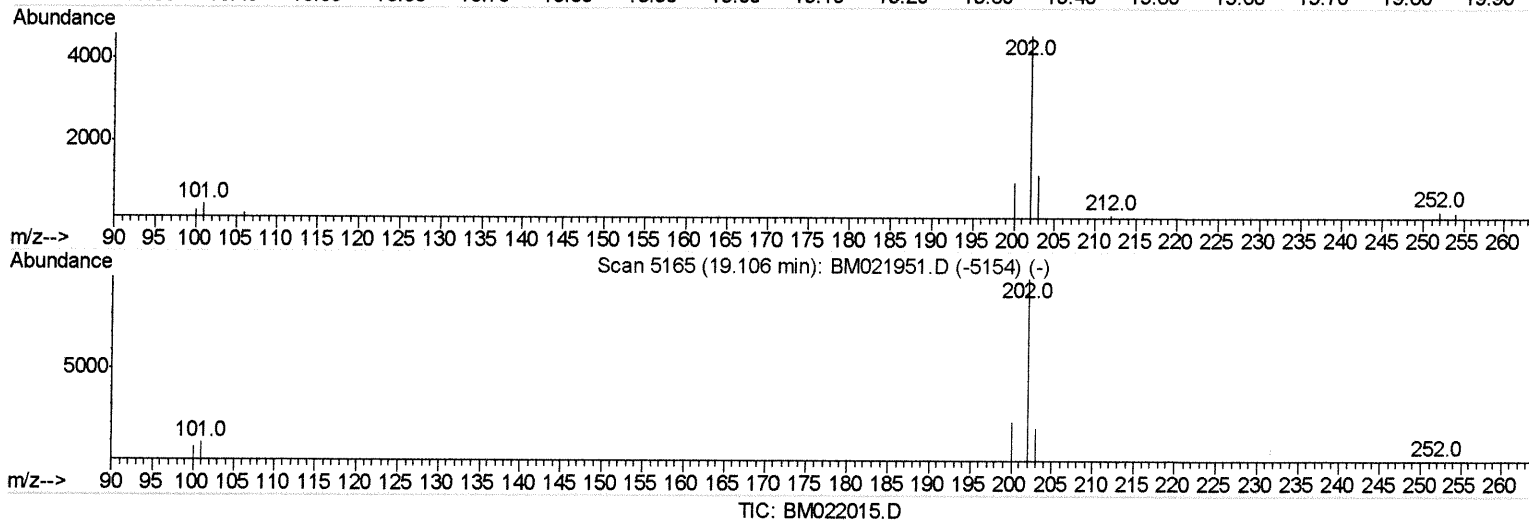
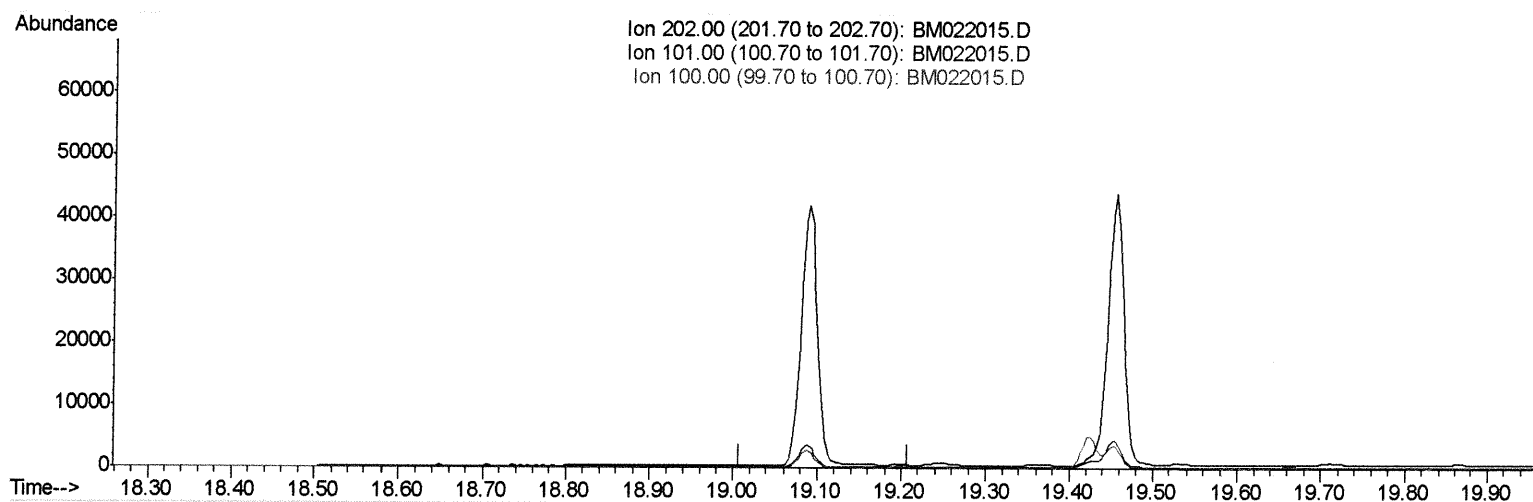
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:25:07 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



(15) Fluoranthene (C)

19.108min (-19.108) 0.00ng/ui

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)

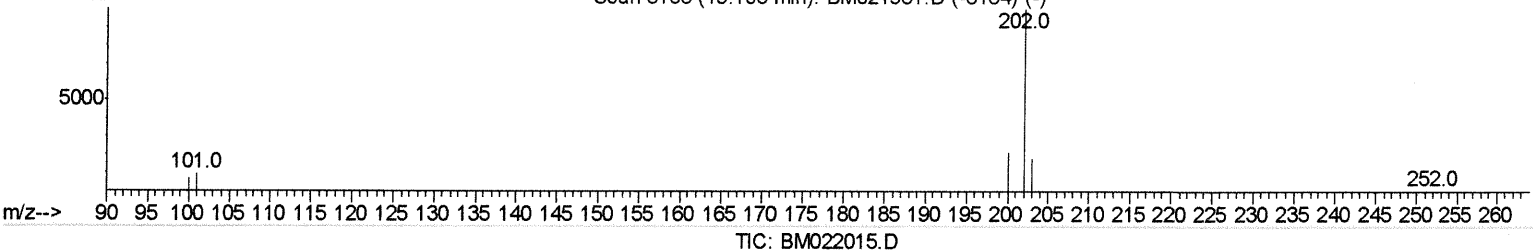
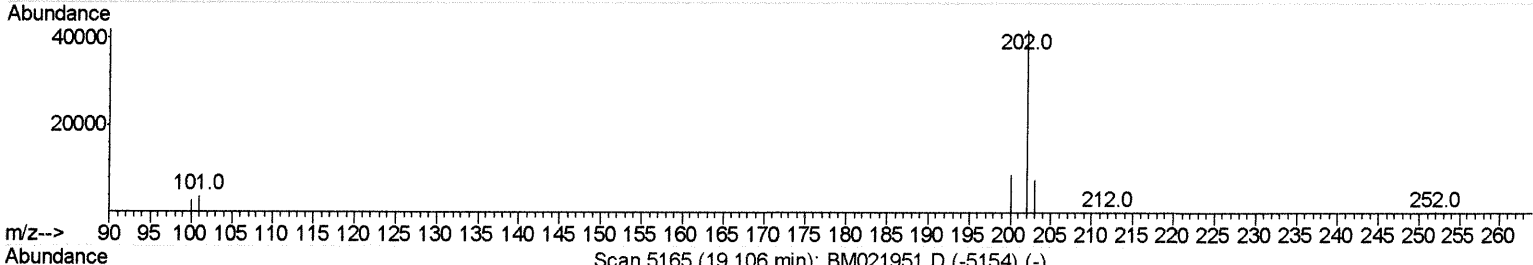
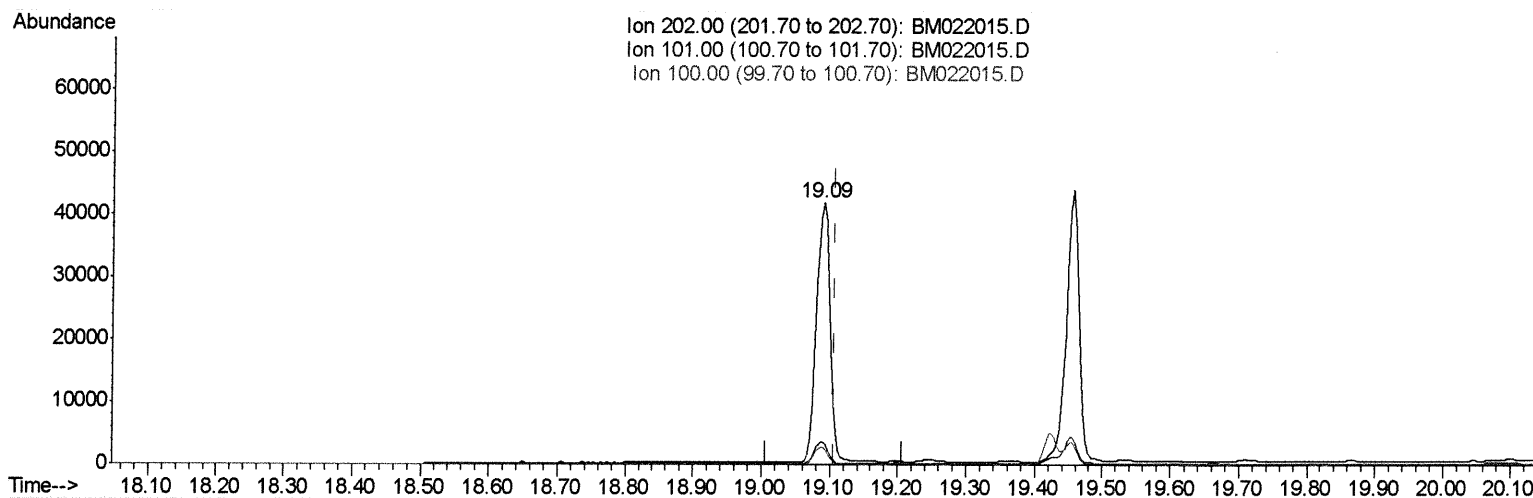
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:25:07 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



(15) Fluoranthene (C)

19.089min (-0.019) 2.69ng/ul m *JU 08/12/19*

response 56641

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.60
100.00	8.10	6.65
0.00	0.00	0.00

Quantitation Report (Qedit)

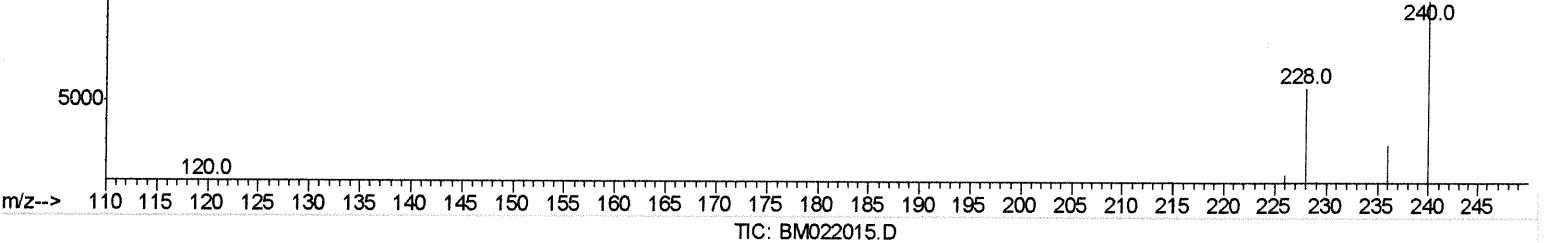
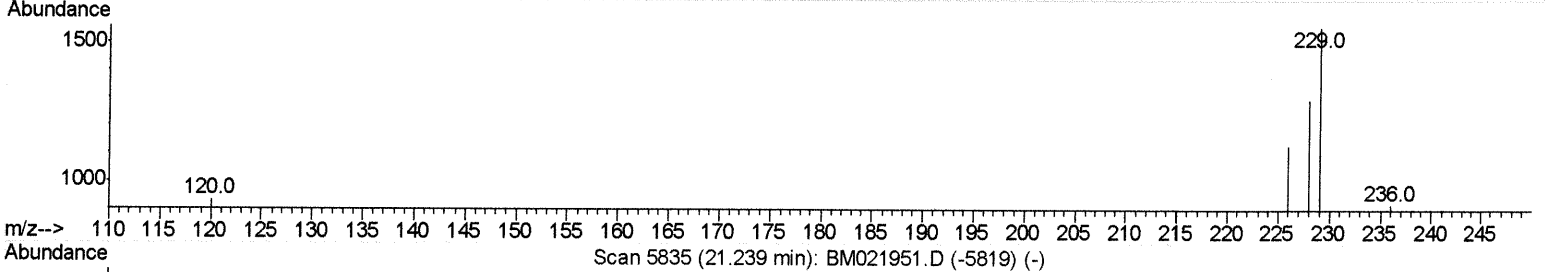
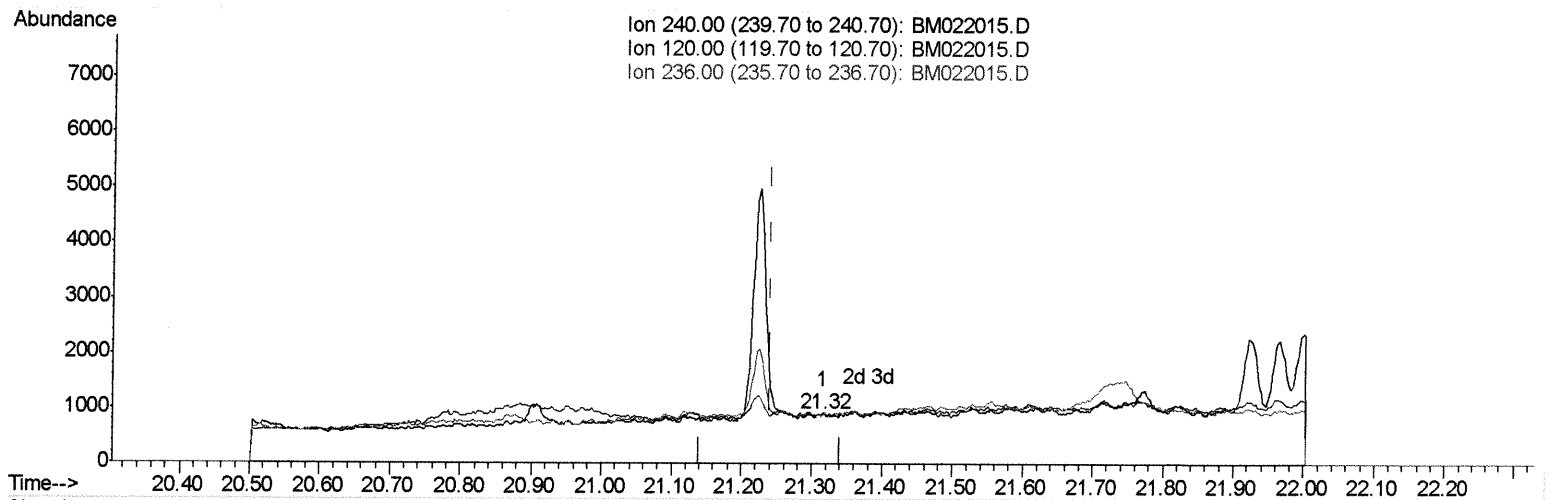
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:25:07 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



(16) Chrysene-d12 (I)

21.316min (+0.075) 0.40ng/ul

response 47

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	103.34#
236.00	32.30	101.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

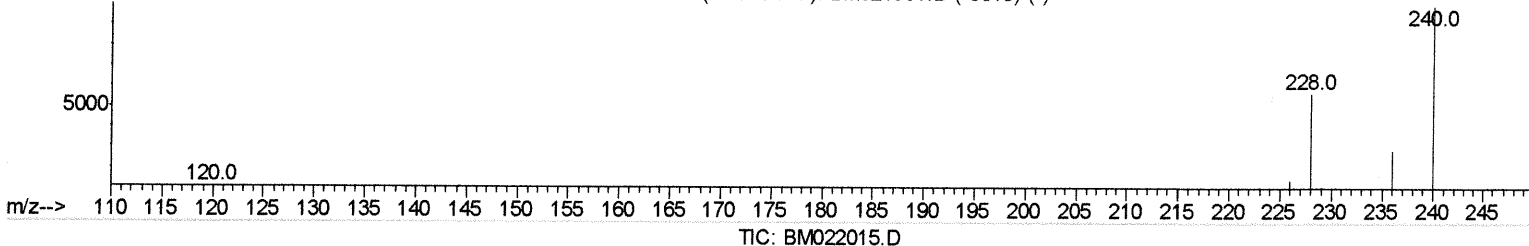
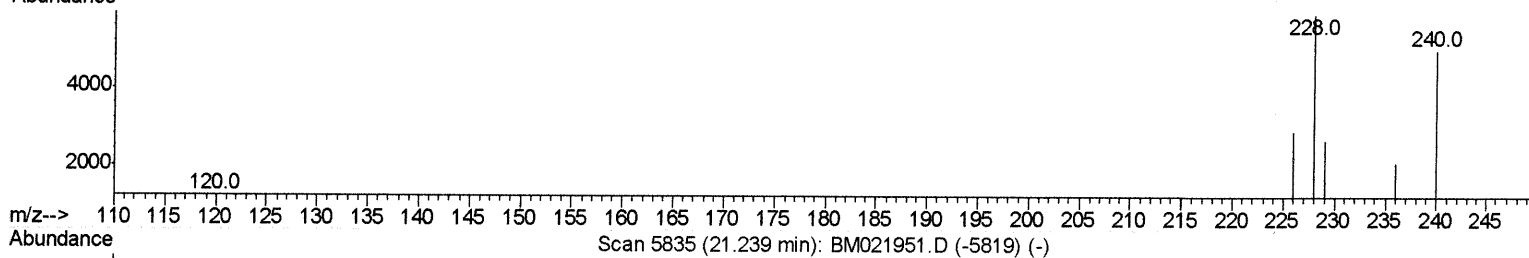
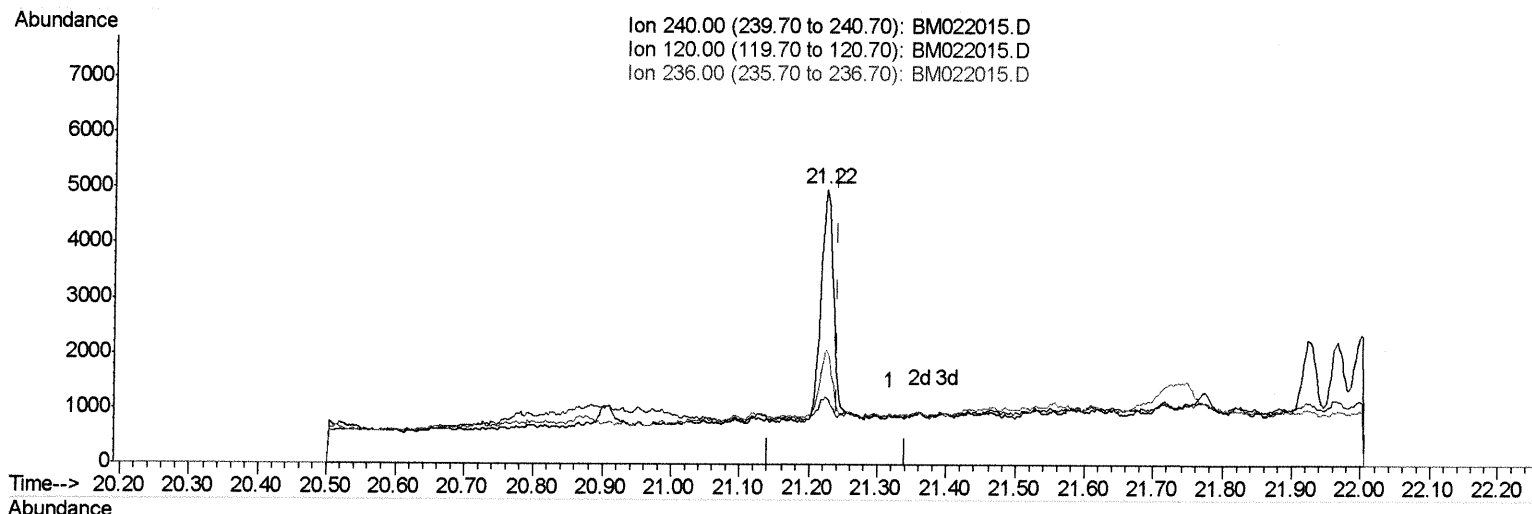
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:25:07 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



(16) Chrysene-d12 (I)

21.224min (-0.017) 0.40ng/ul m

JU 08/12/19

response 5461

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	24.41#
236.00	32.30	41.63#
0.00	0.00	0.00

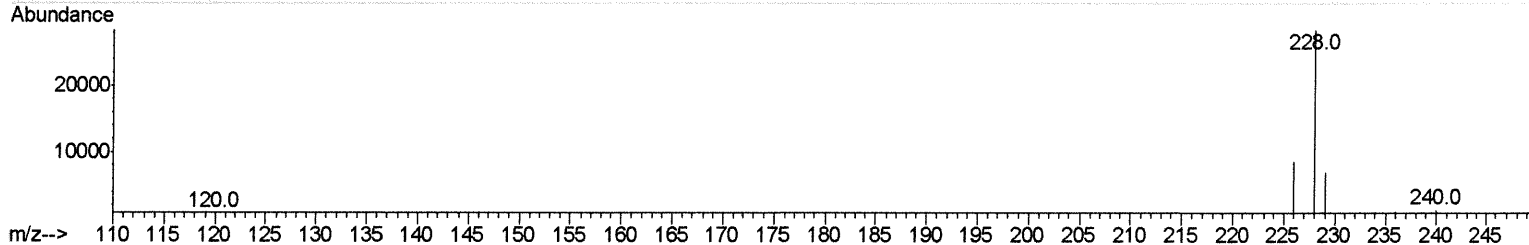
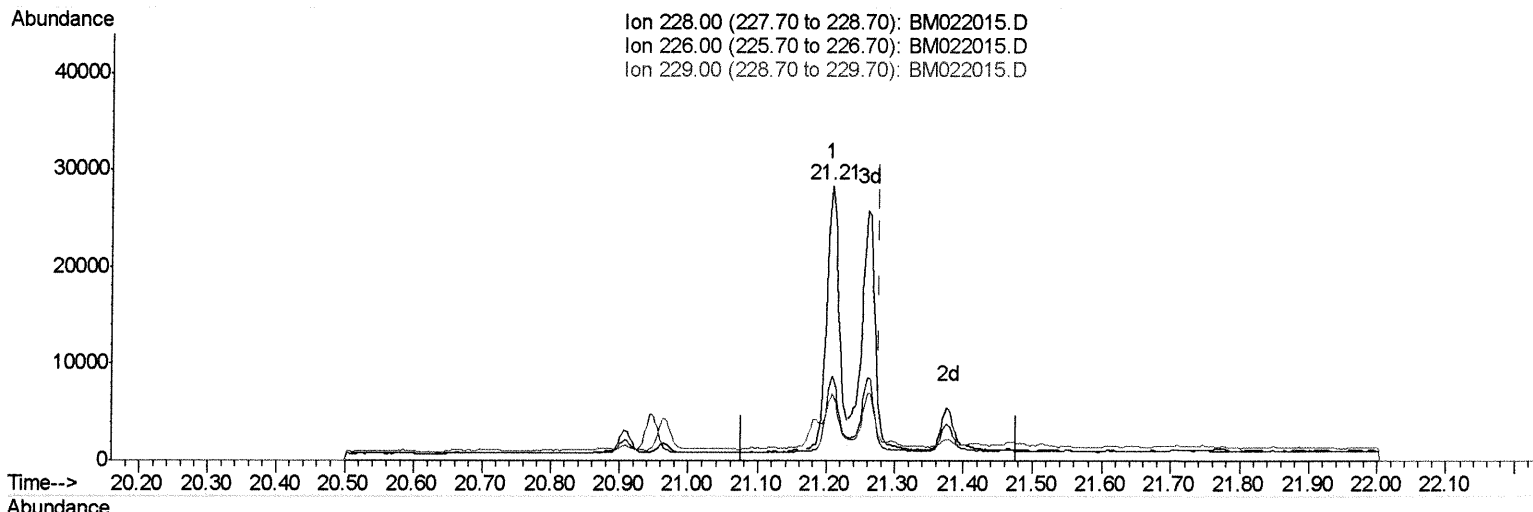
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

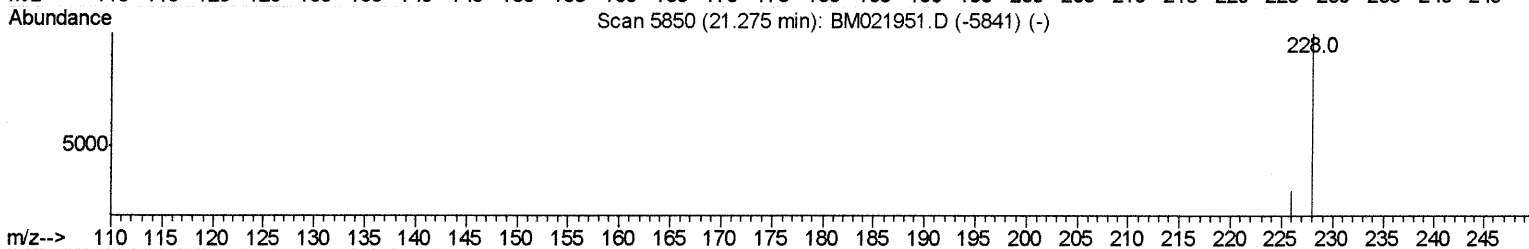
Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:26:52 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



Scan 5850 (21.275 min): BM021951.D (-5841) (-)



TIC: BM022015.D

(19) Chrysene

21.208min (-0.070) 1.40ng/ul

response 35072

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	30.70
229.00	20.80	24.52
0.00	0.00	0.00

Quantitation Report (Qedit)

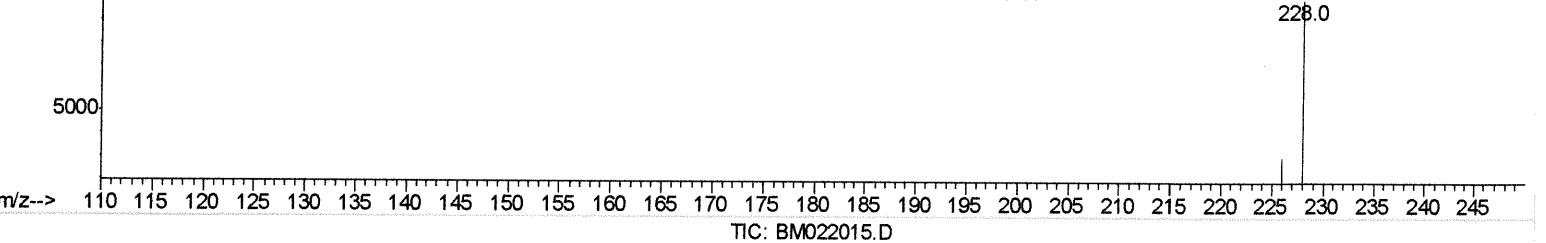
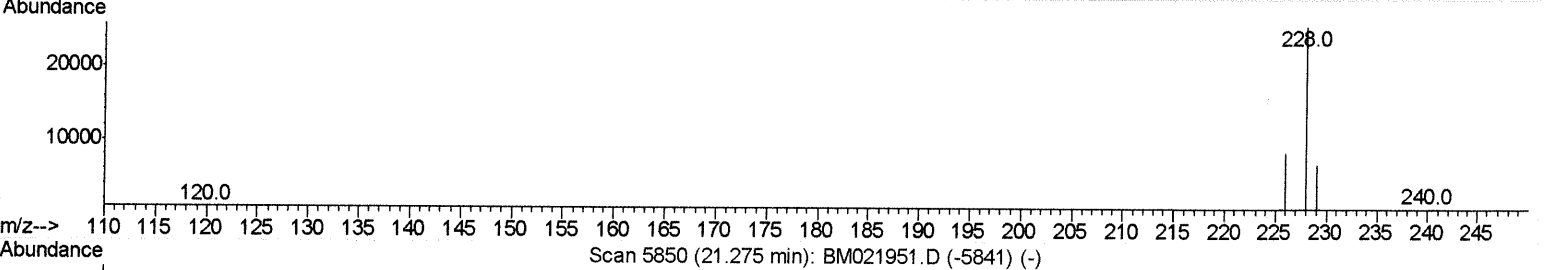
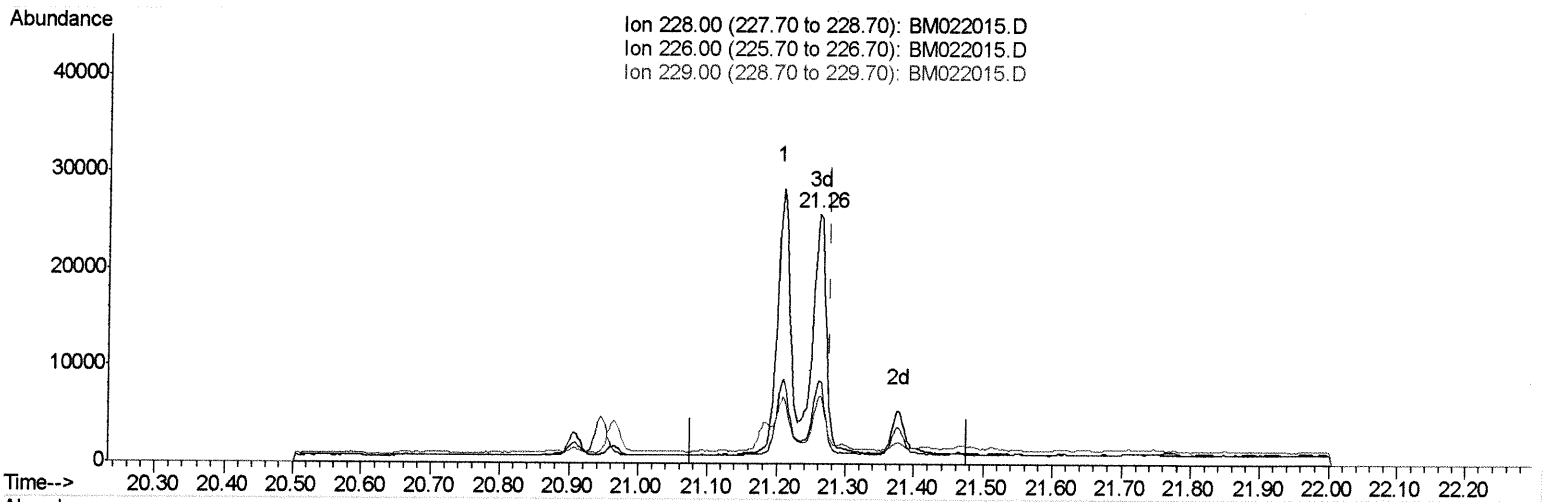
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:26:52 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



(19) Chrysene

21.261min (-0.017) 1.35ng/ul m 08/12/19

response 33983

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	33.51
229.00	20.80	26.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

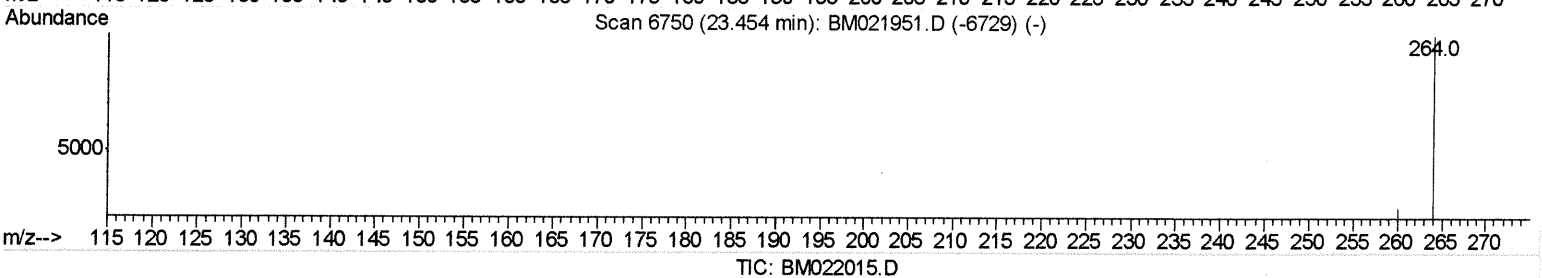
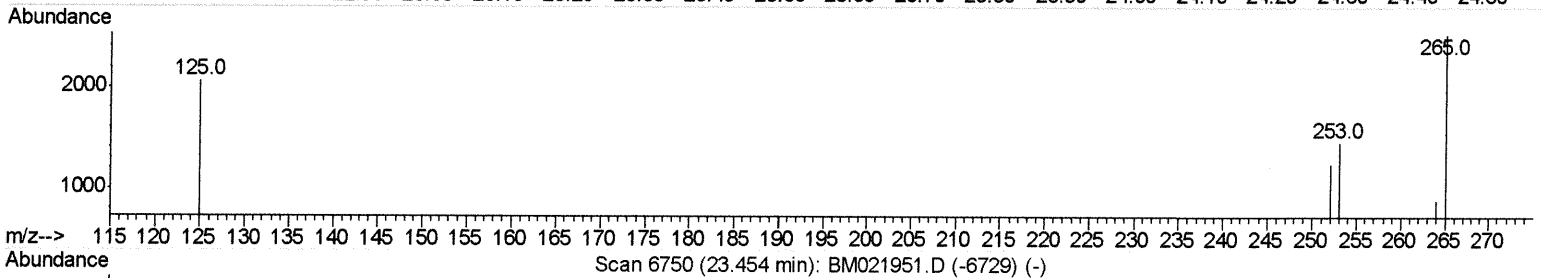
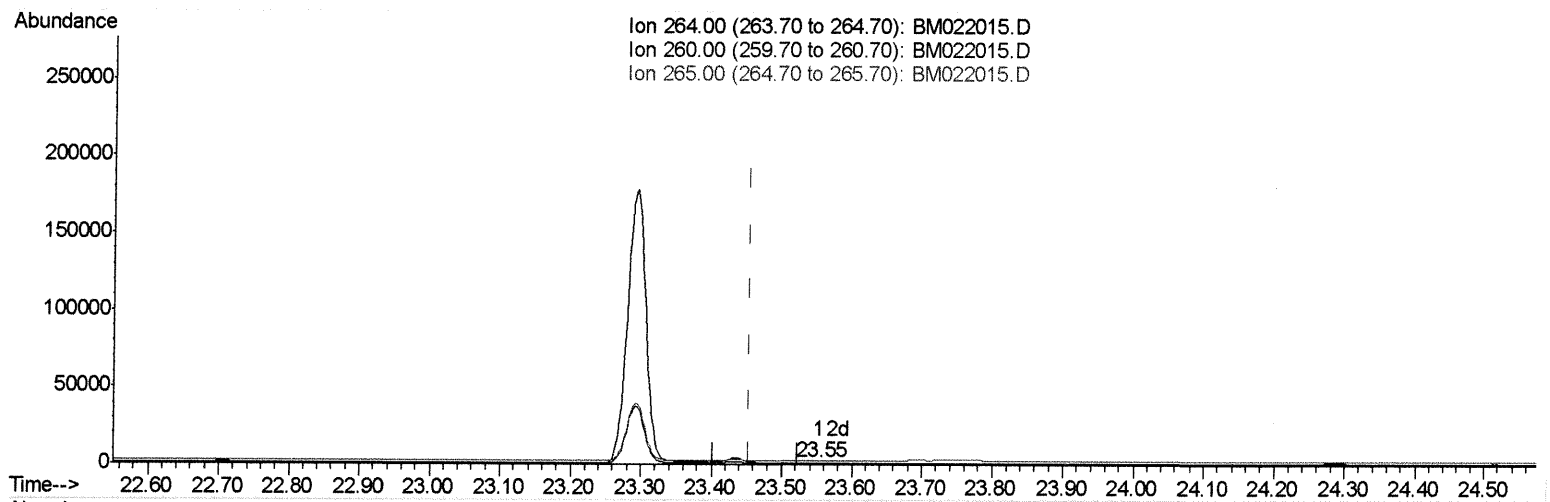
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:26:52 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)

23.554min (+0.100) 0.40ng/ul

response 63

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	81.28#
265.00	117.00	283.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

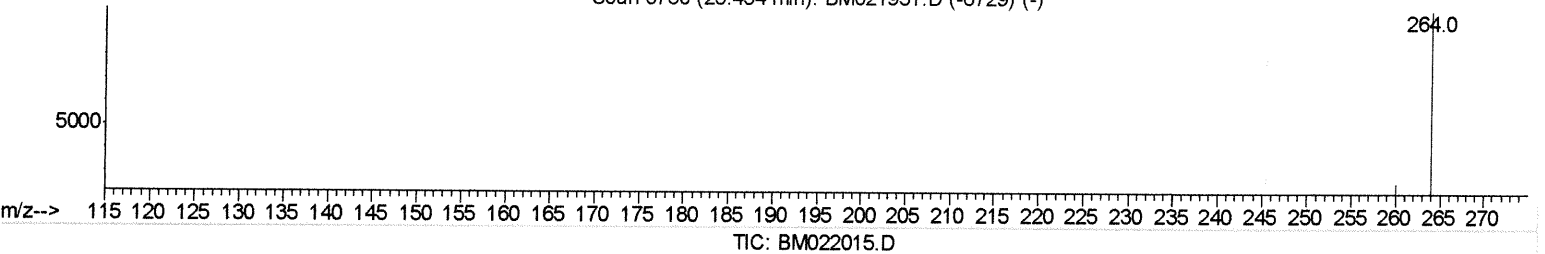
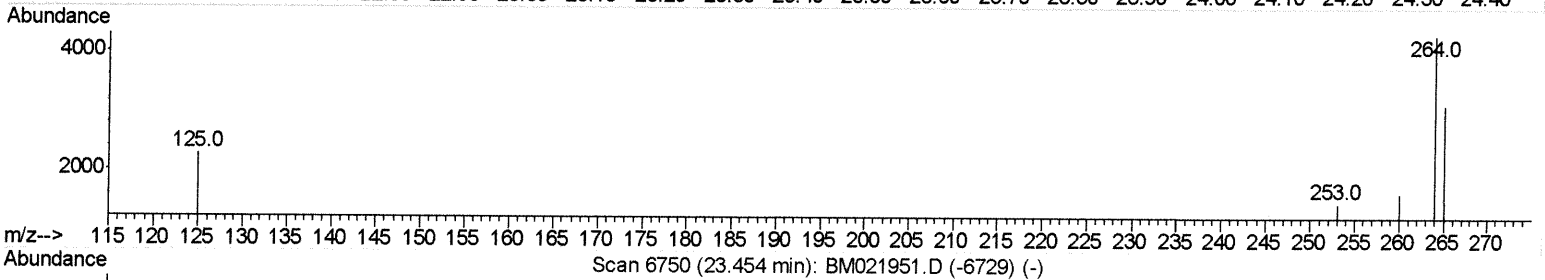
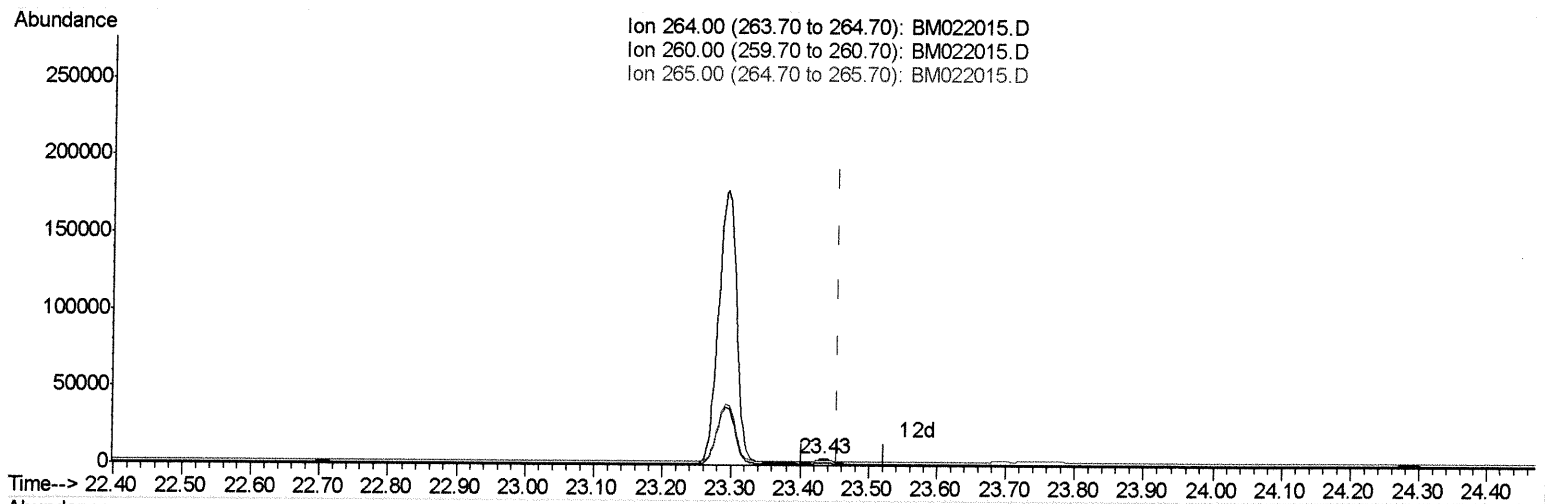
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:26:52 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: BM022015.D

(20) Perylene-d12 (I)

23.433min (-0.021) 0.40ng/ul m

JU
 08/12/19

response 5599

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	37.72#
265.00	117.00	72.67#
0.00	0.00	0.00

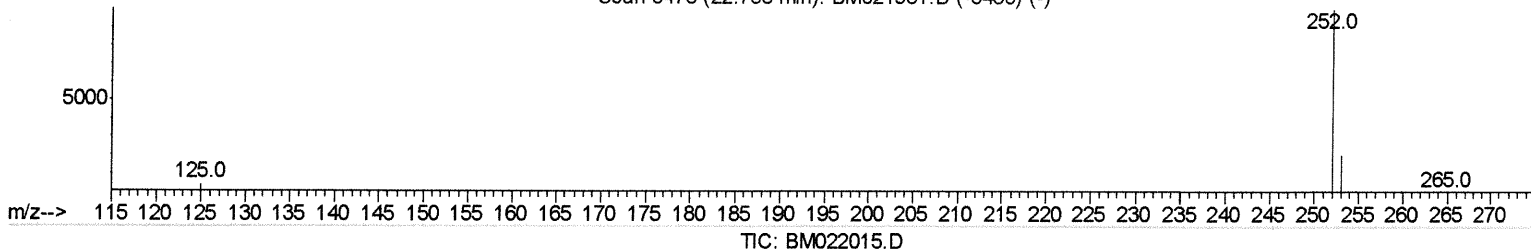
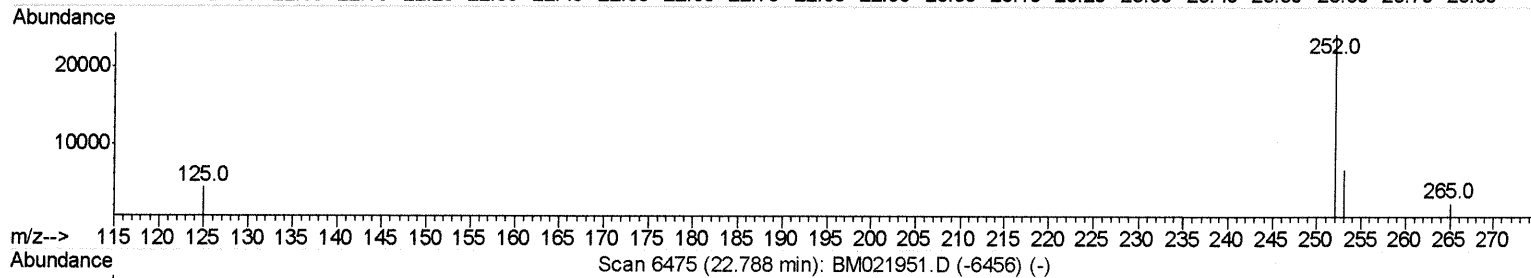
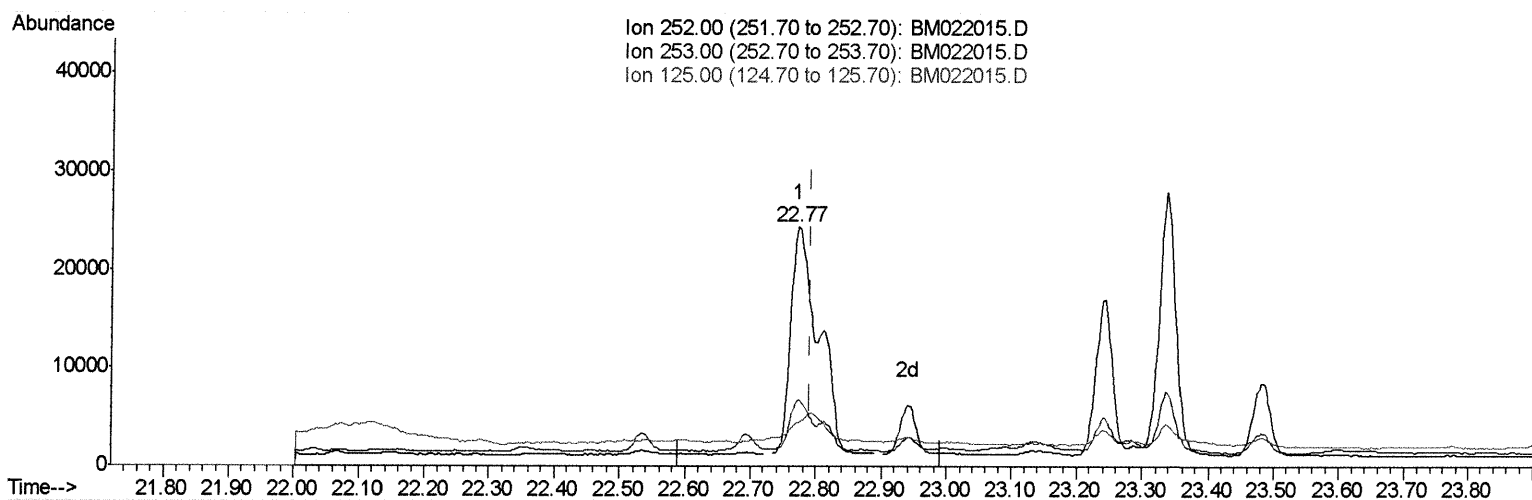
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:27:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.772min (-0.019) 3.65ng/ul

response 68941

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.79
125.00	15.50	18.12
0.00	0.00	0.00

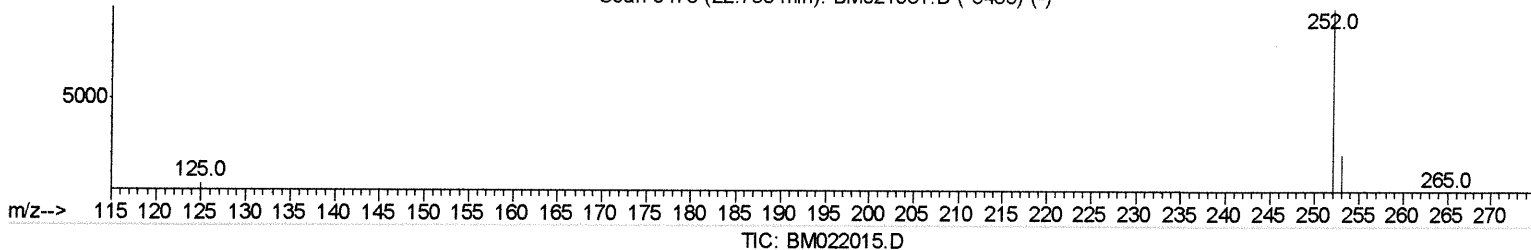
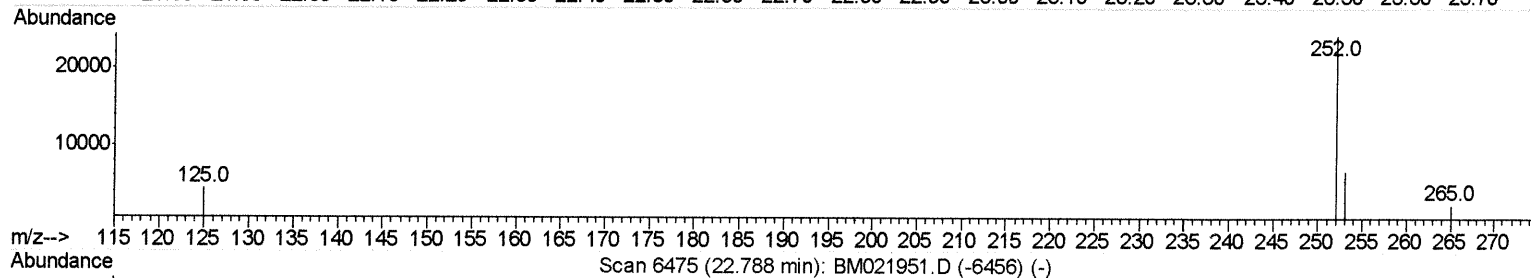
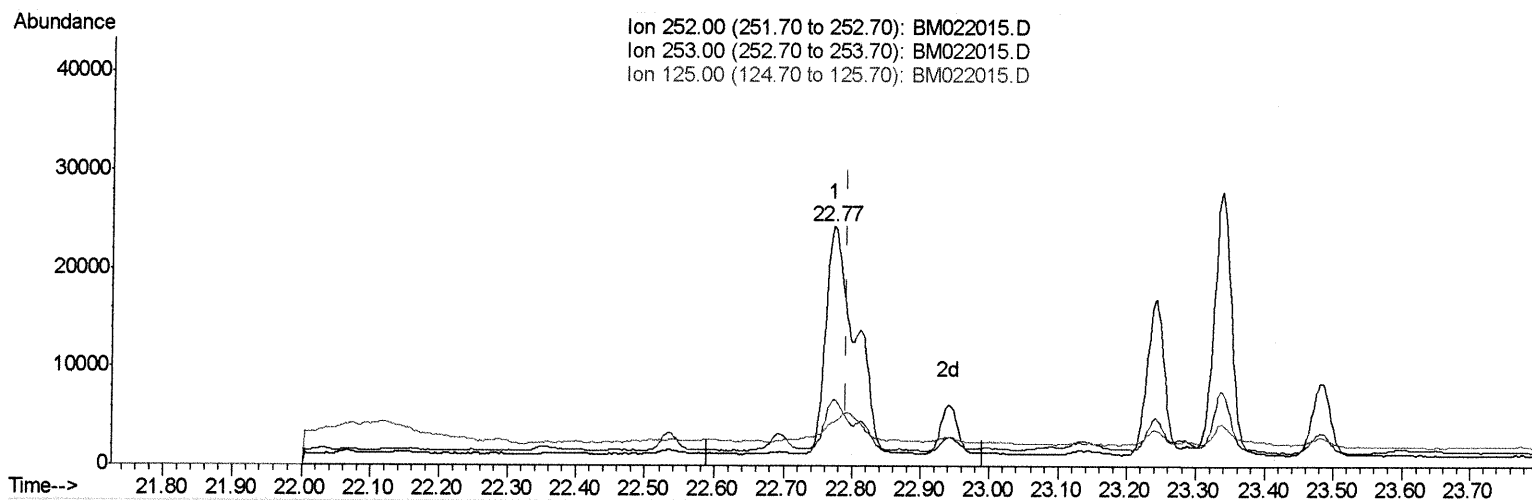
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:27:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.772min (-0.019) 2.62ng/ul m

JU 08/12/19

response 49472

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.79
125.00	15.50	18.12
0.00	0.00	0.00

Quantitation Report (Qedit)

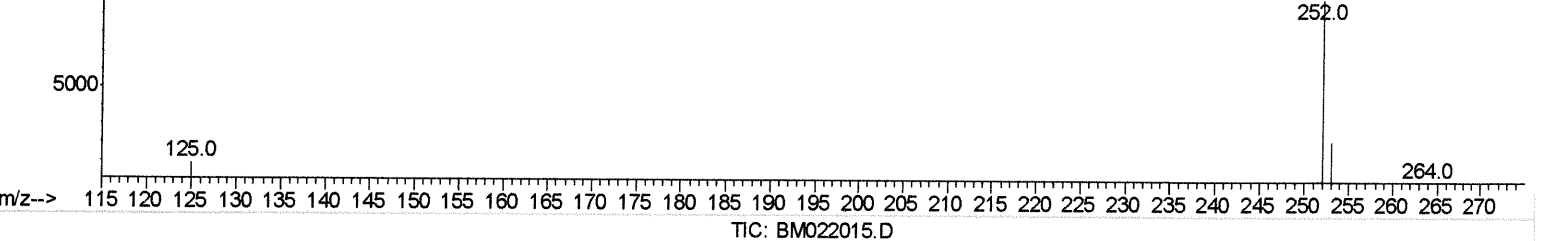
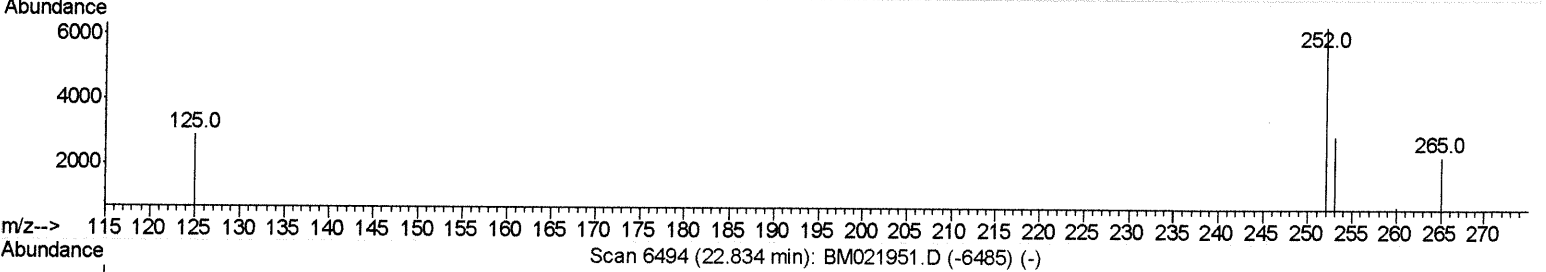
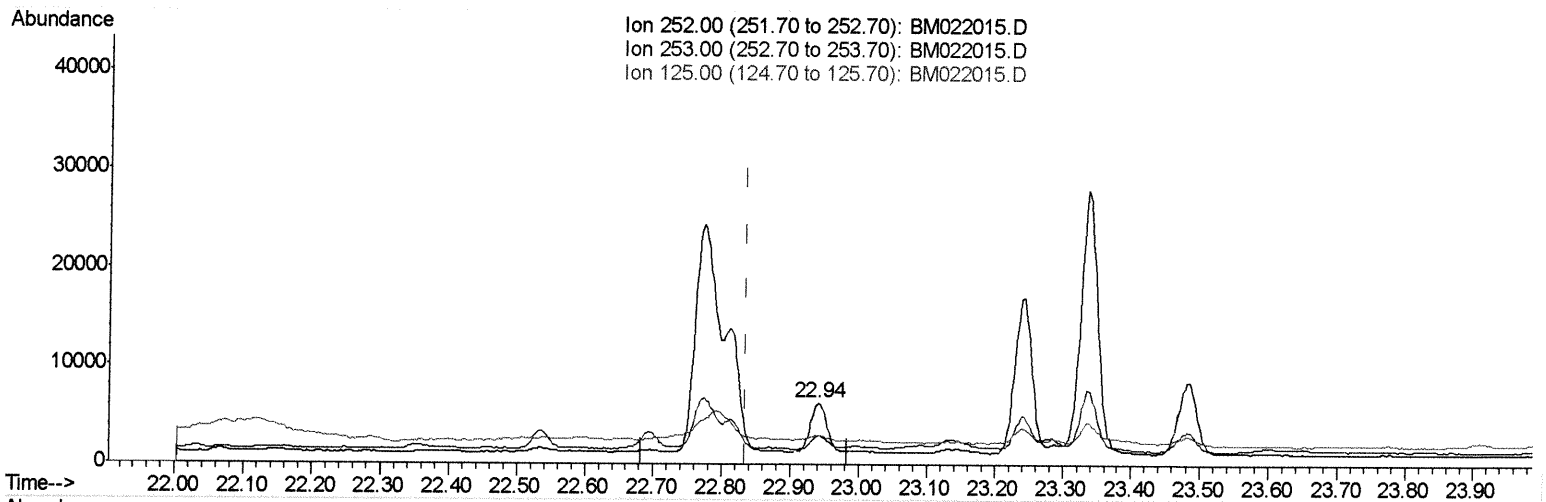
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:27:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.939min (+0.104) 0.39ng/ul
 response 8354

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	46.37#
125.00	15.20	45.91#
0.00	0.00	0.00

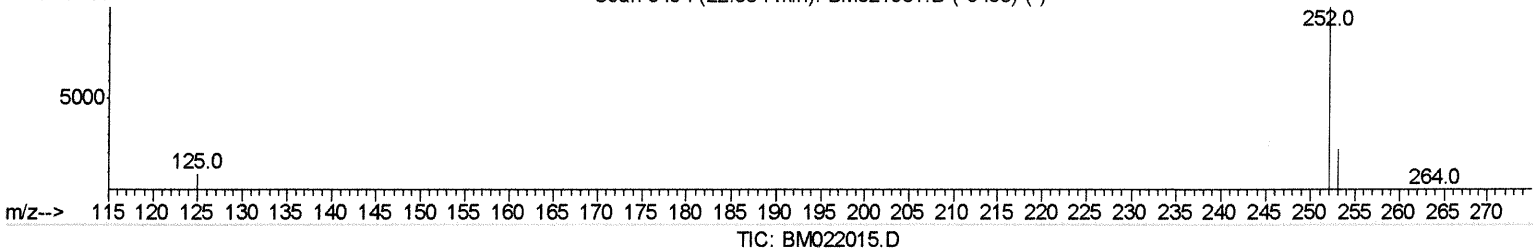
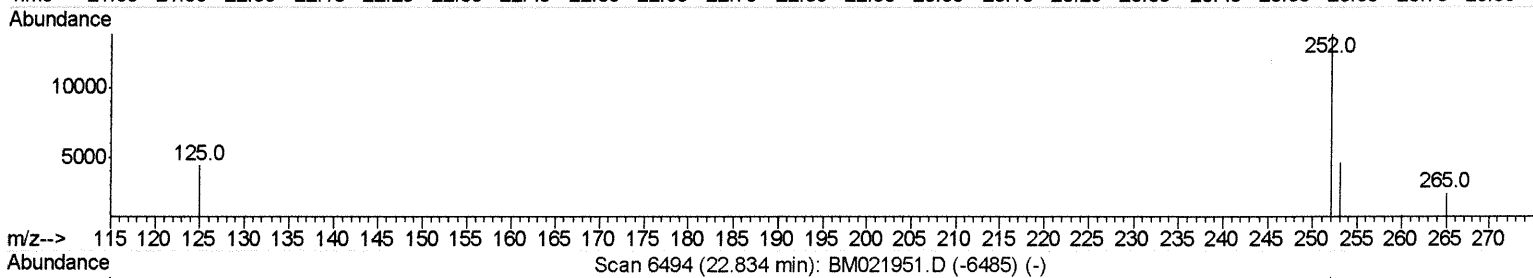
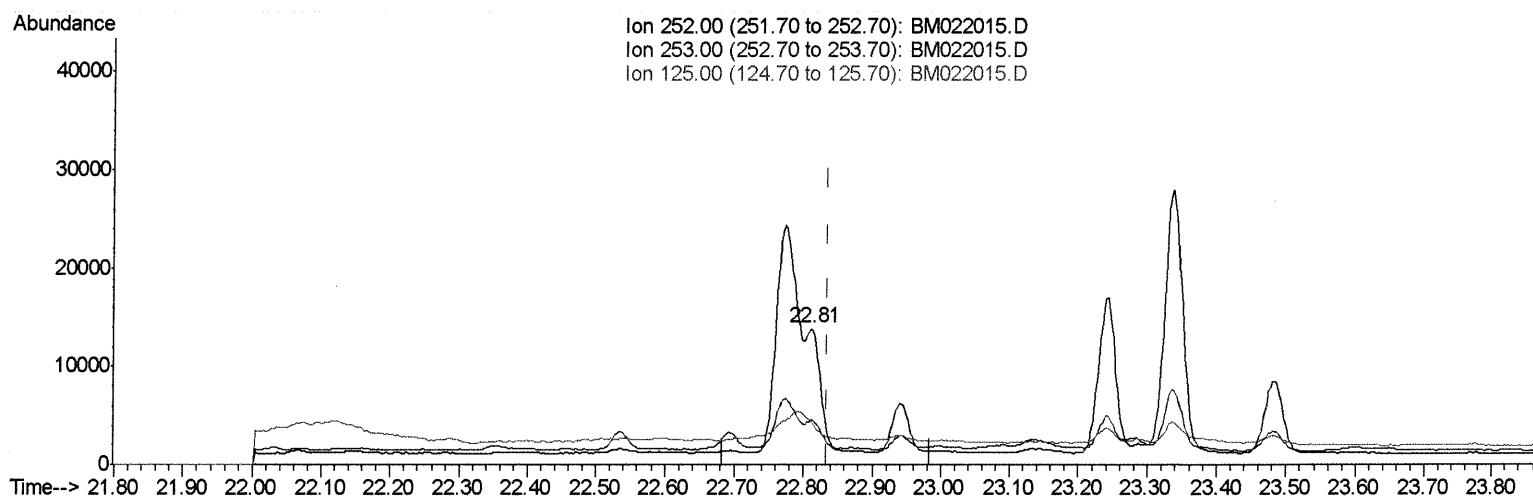
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
Data File : BM022015.D
Acq On : 11 Aug 2019 03:32
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLE8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:27:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.811min (-0.024) 1.00ng/ul m

JU
08/12/19

response 21278

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.90
125.00	15.20	31.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

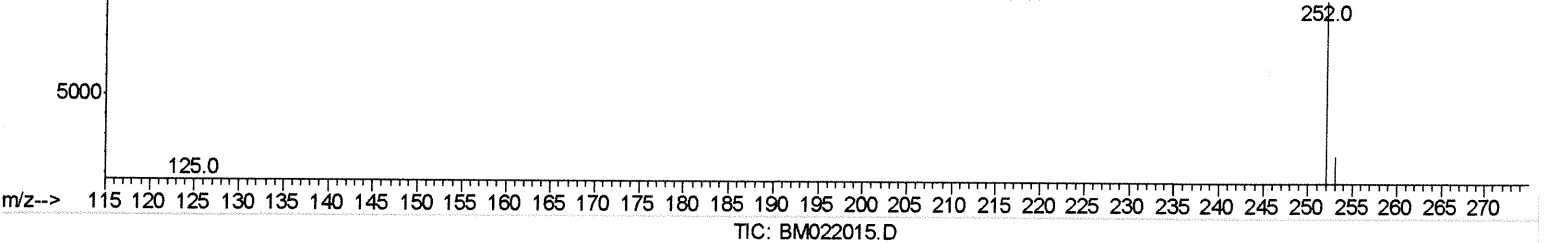
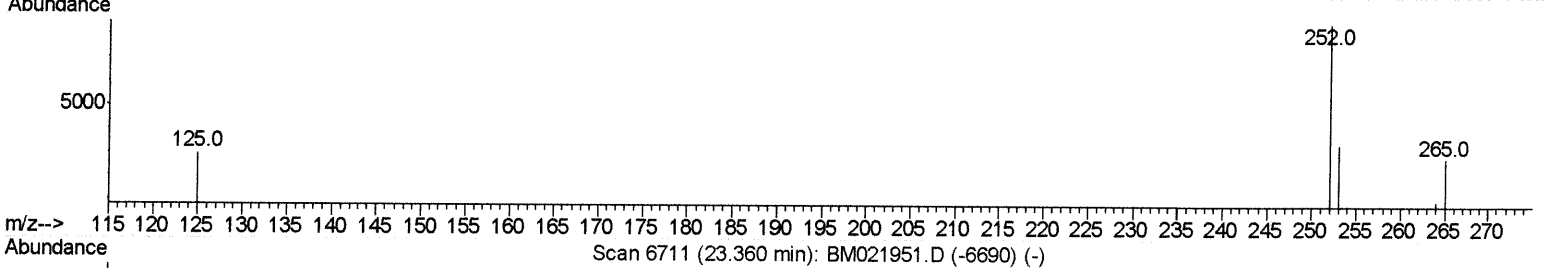
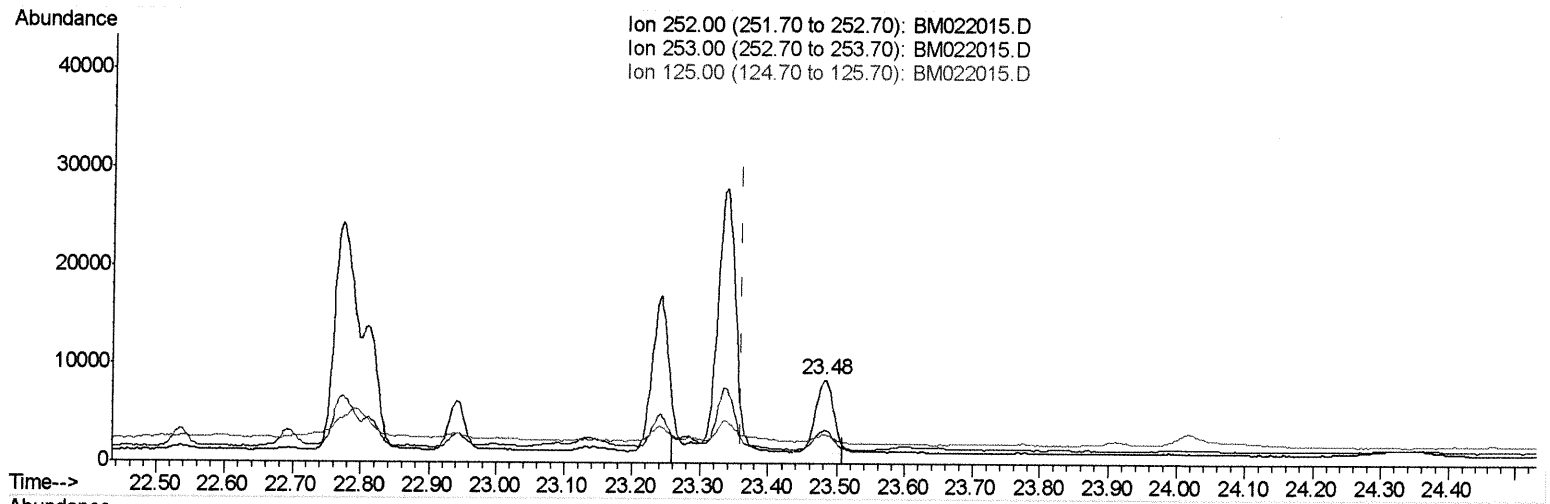
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:27:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.482min (+0.121) 0.71ng/ul

response 13716

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	39.71
125.00	18.20	34.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

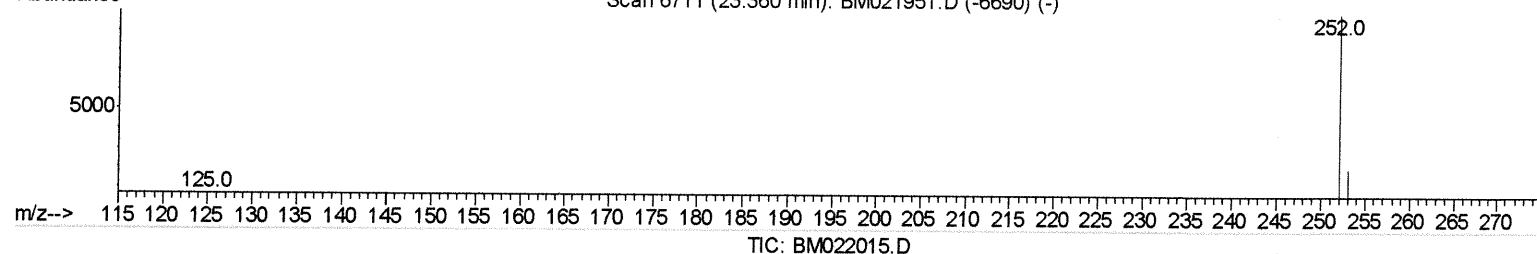
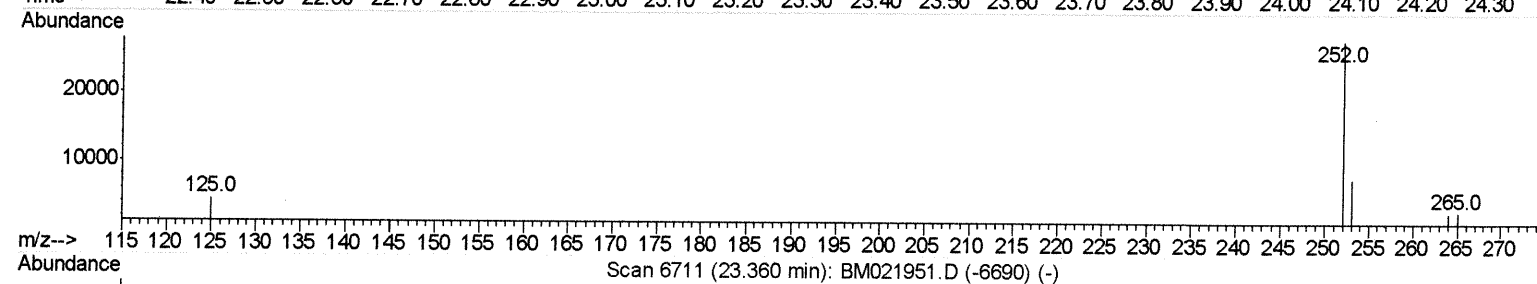
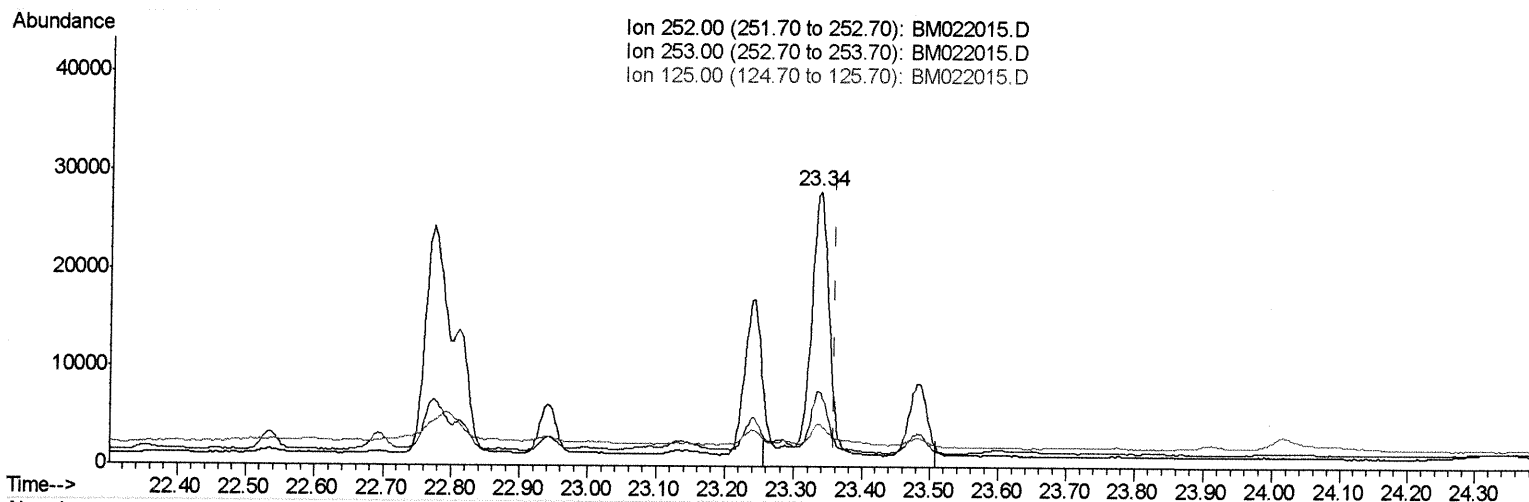
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:27:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.336min (-0.024) 2.51ng/ul m

JU
 08/12/19

response 48195

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	27.40#
125.00	18.20	15.49
0.00	0.00	0.00

Quantitation Report (Qedit)

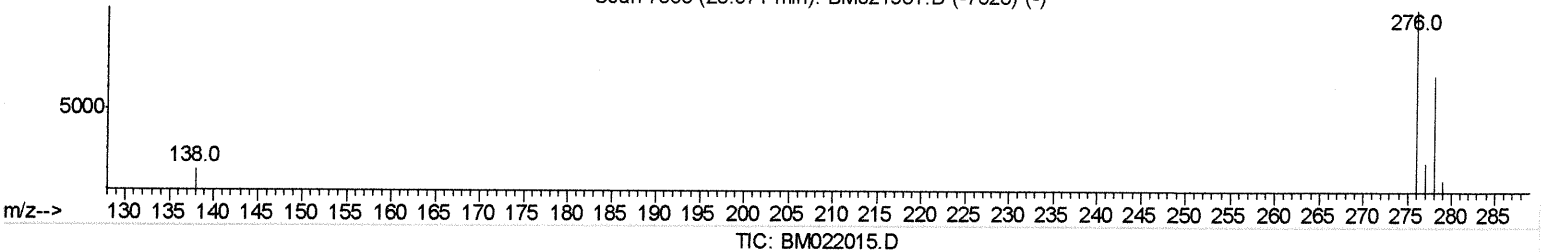
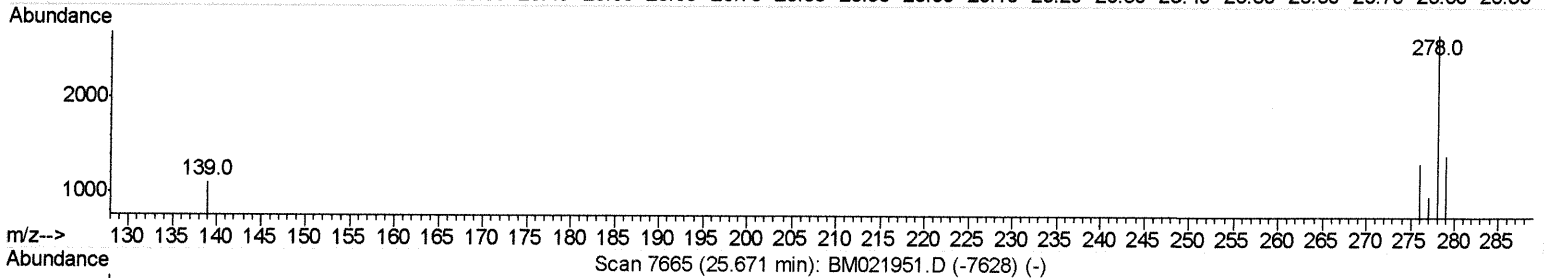
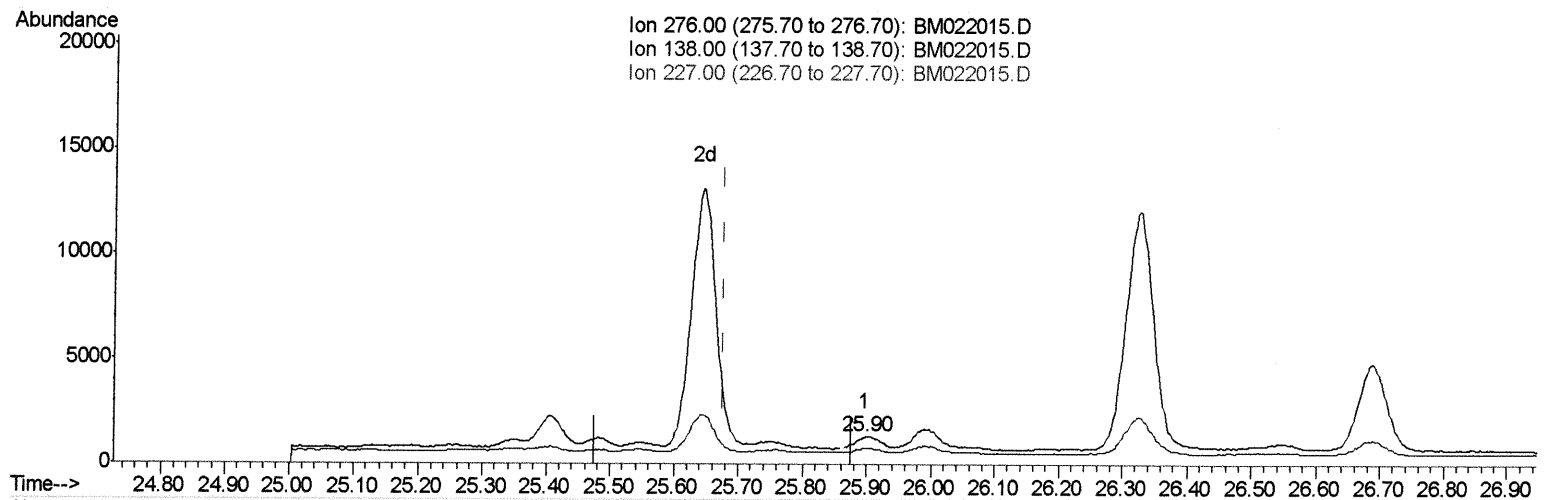
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:27:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



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

25.897min (+0.221) 0.06ng/ul

response 1382

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	39.51#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

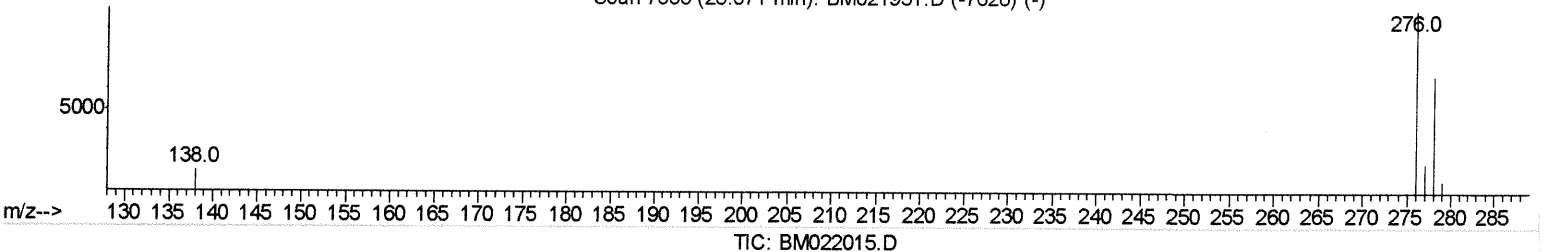
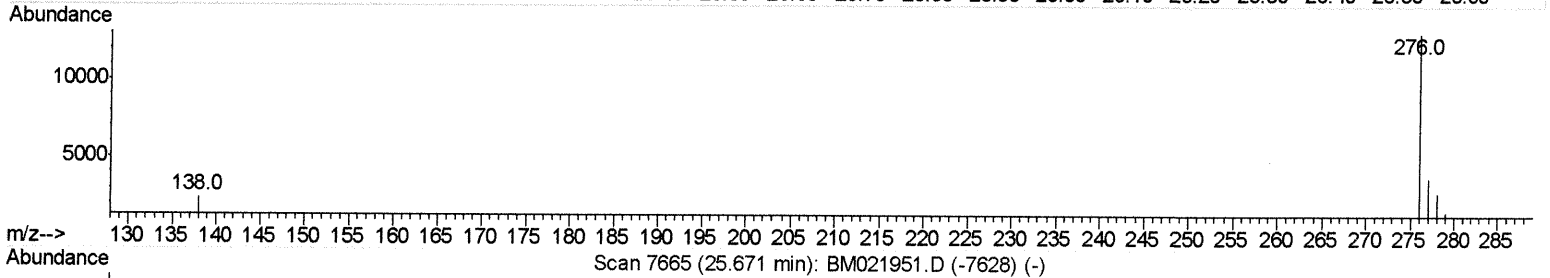
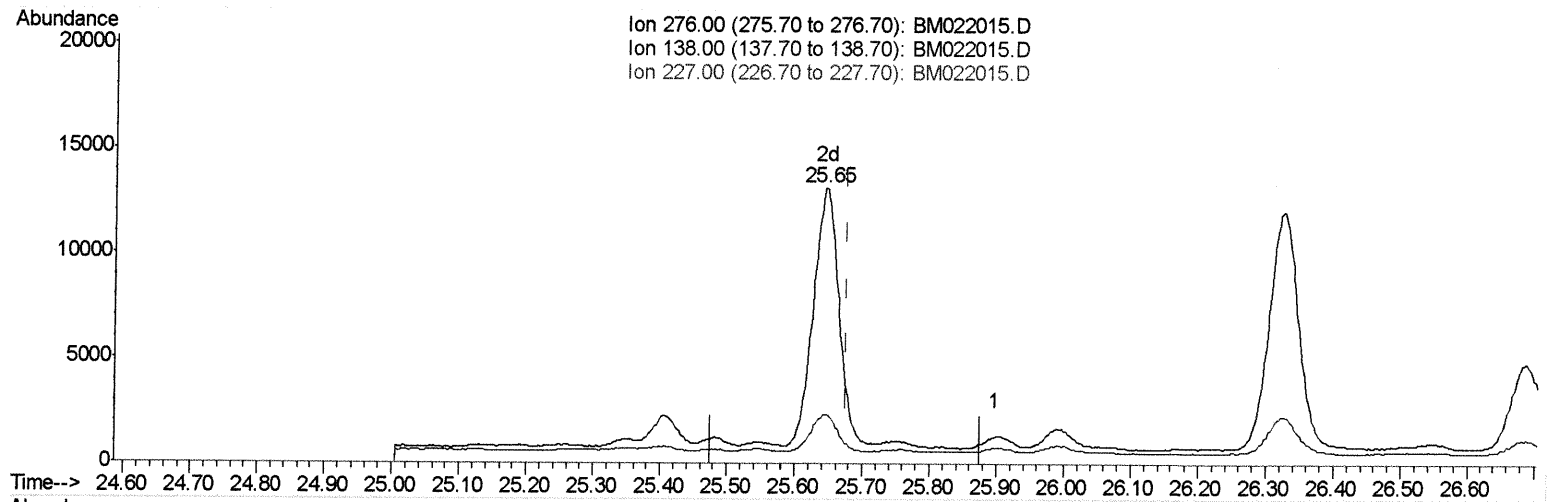
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLL8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:27:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



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

25.645min (-0.031) 1.42ng/ul m

JU
 08/12/19

response 32453

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.68#
227.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

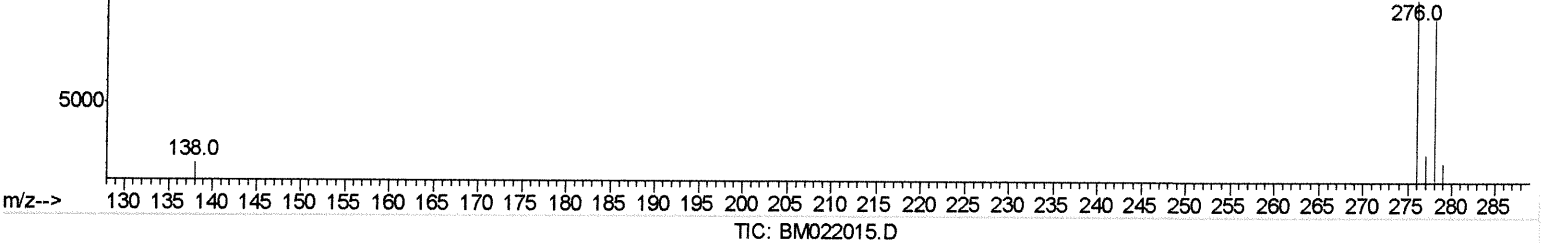
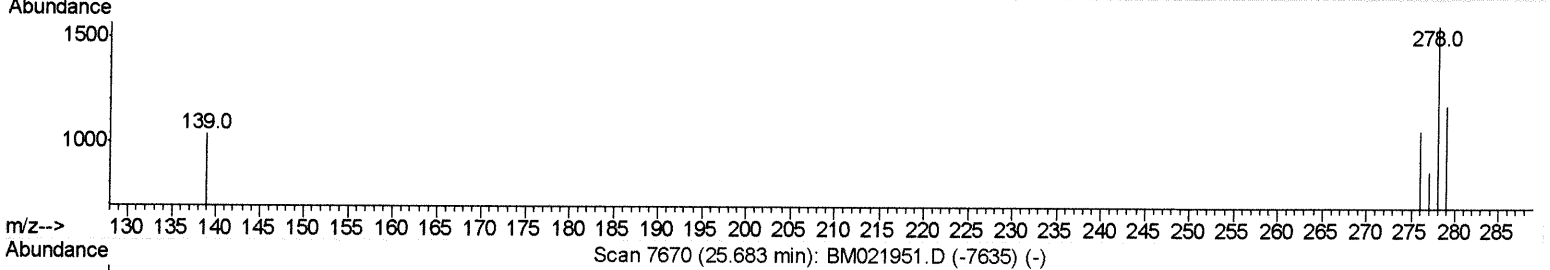
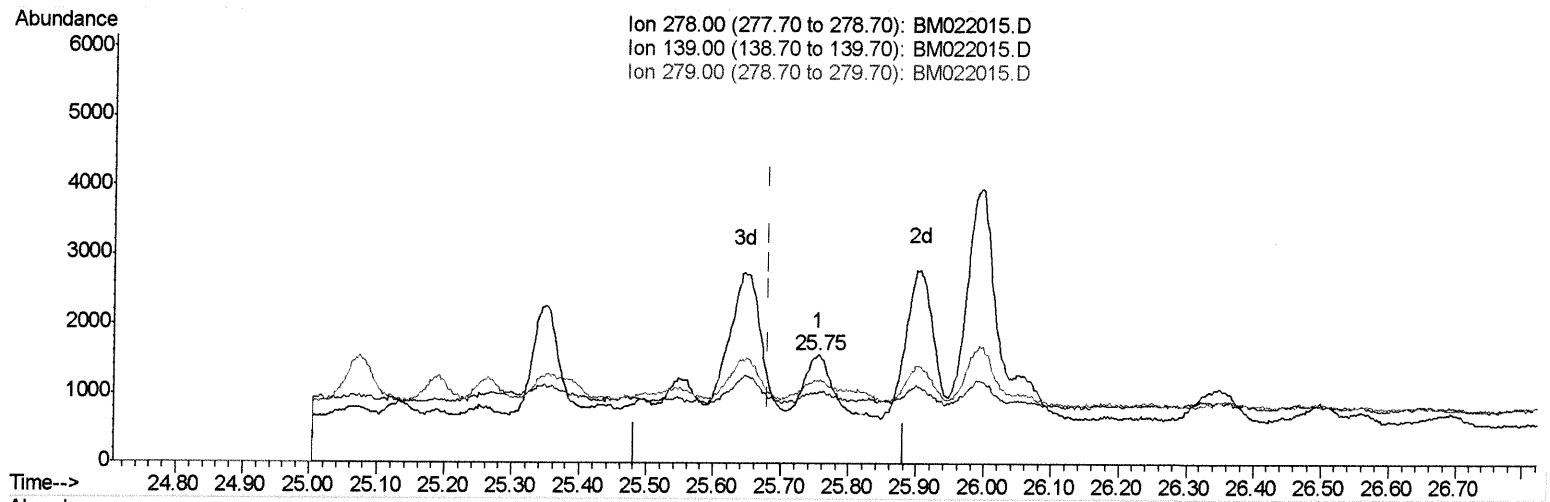
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:27:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.754min (+0.073) 0.13ng/ul

response 2346

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	65.86#
279.00	35.40	75.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

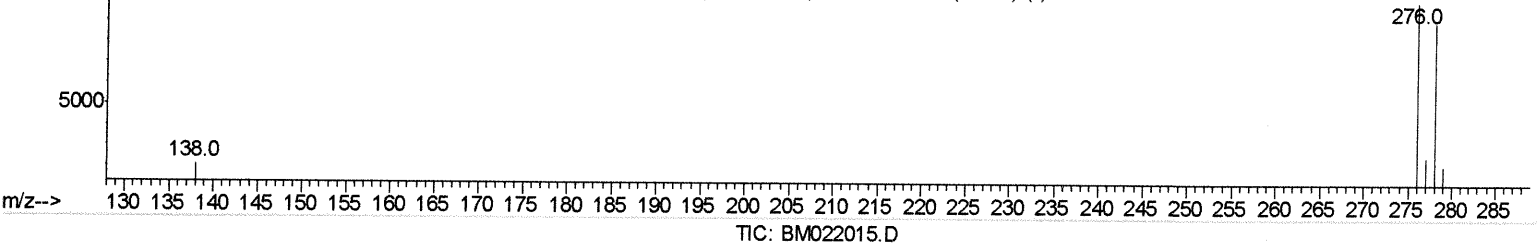
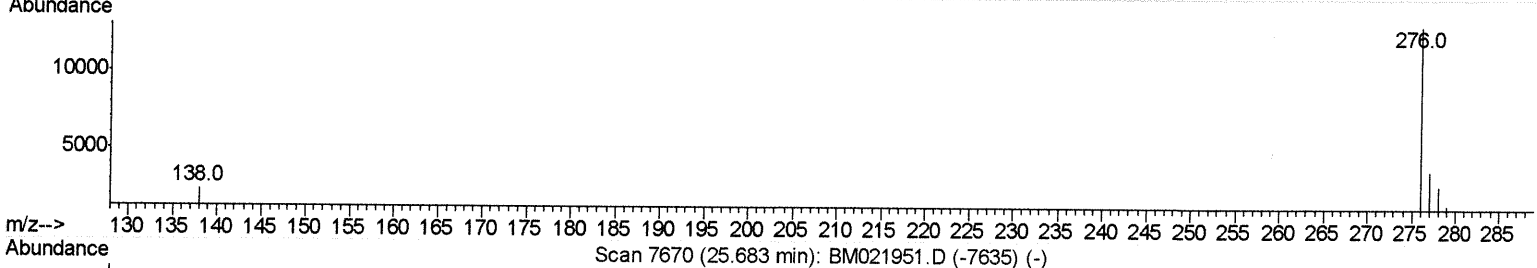
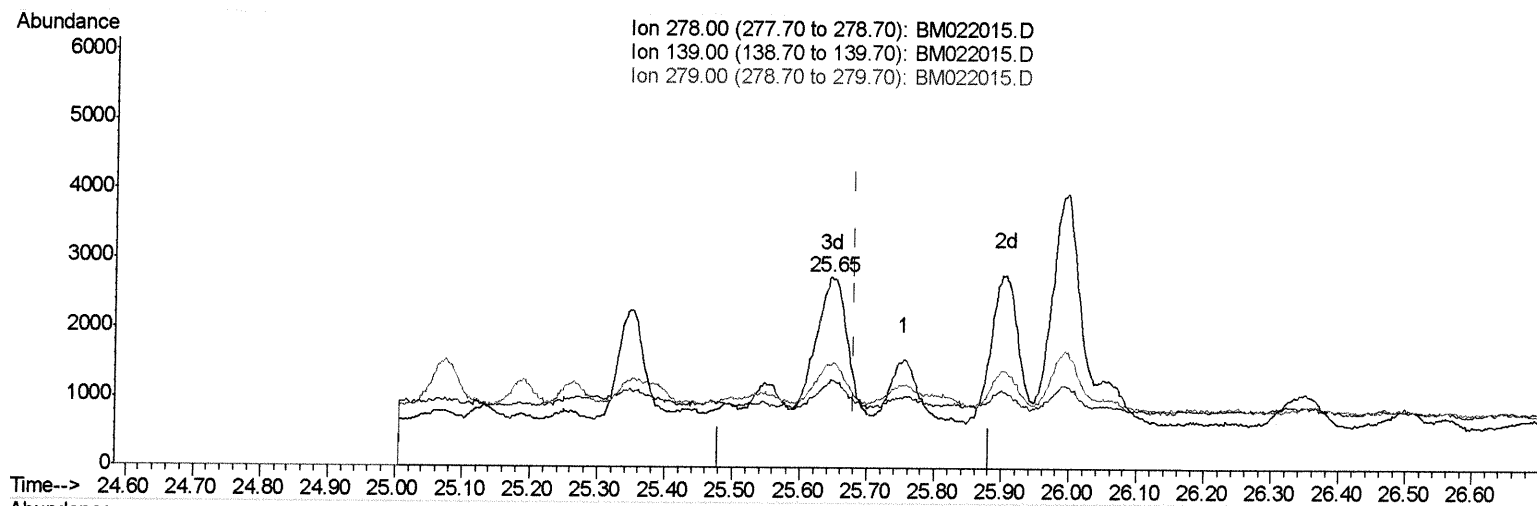
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:27:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.645min (-0.036) 0.39ng/ul m ⁵⁰ 08/12/19

response 7201

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	46.25#
279.00	35.40	53.82#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\
 Data File : BM022015.D
 Acq On : 11 Aug 2019 03:32
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:29 AM

Quant Time: Aug 11 04:29:47 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1038	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	4241	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.27	164	2287	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	5406m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5461m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	5599m	0.40	ng/ul	-0.02

JU
 08/12/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.00	152	1630	0.23	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	4568m	0.25	ng/ul	-0.02

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Target Compounds

						Ovalue
3) Naphthalene	10.44	128	925	0.077	ng/ul#	88
5) 2-Methylnaphthalene	12.07	142	219	0.027	ng/ul	92
7) Acenaphthylene	13.99	152	805	0.075	ng/ul#	75
8) Acenaphthene	14.33	153	1512	0.173	ng/ul	97
9) Fluorene	15.32	166	1055	0.109	ng/ul#	97
12) Phenanthrene	17.06	178	30397m	1.932	ng/ul	97
13) Anthracene	17.16	178	9397m	0.700	ng/ul	97
15) Fluoranthene	19.09	202	56641m	2.688	ng/ul	97
17) Pyrene	19.45	202	58528	2.608	ng/ul	98
18) Benzo(a)anthracene	21.21	228	35959	1.841	ng/ul	95
19) Chrysene	21.26	228	33983m	1.353	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	49472m	2.620	ng/ul	97
22) Benzo(k)fluoranthene	22.81	252	21278m	0.996	ng/ul	97
23) Benzo(a)pyrene	23.34	252	48195m	2.510	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.65	276	32453m	1.416	ng/ul	97
25) Dibenzo(a,h)anthracene	25.65	278	7201m	0.389	ng/ul	97
26) Benzo(a,h,i)perylene	26.33	276	33768	1.636	ng/ul	97

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