

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021983.D
Acq On : 09 Aug 2019 23:31
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

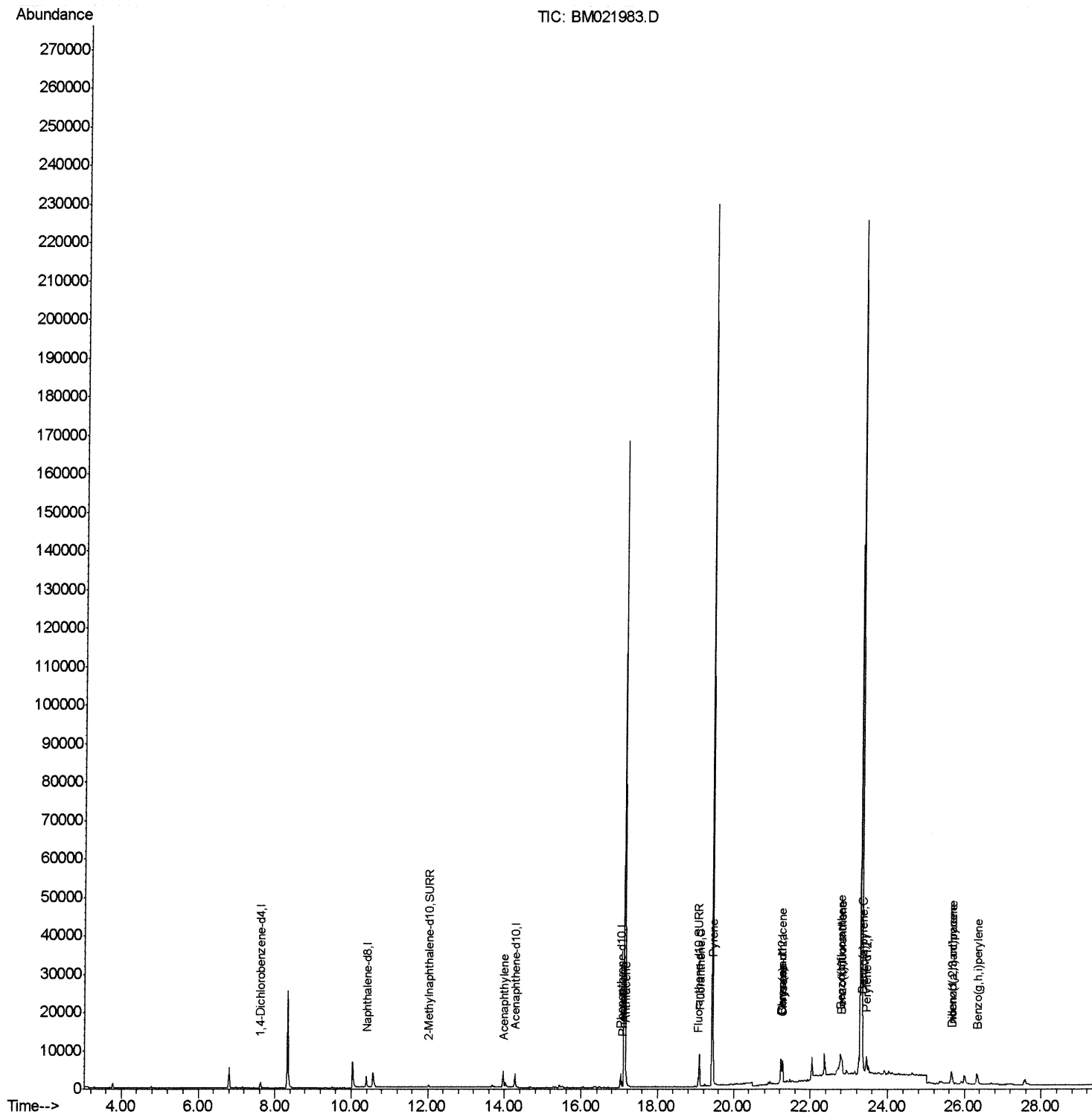
Instrument :
BNA_M
ClientSampleId :
JLLD7

Manual Integrations
APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:29:55 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021983.D
Acq On : 09 Aug 2019 23:31
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLD7

Manual Integrations
APPROVED

Sohil

8/13/2019 8:33:57 AM

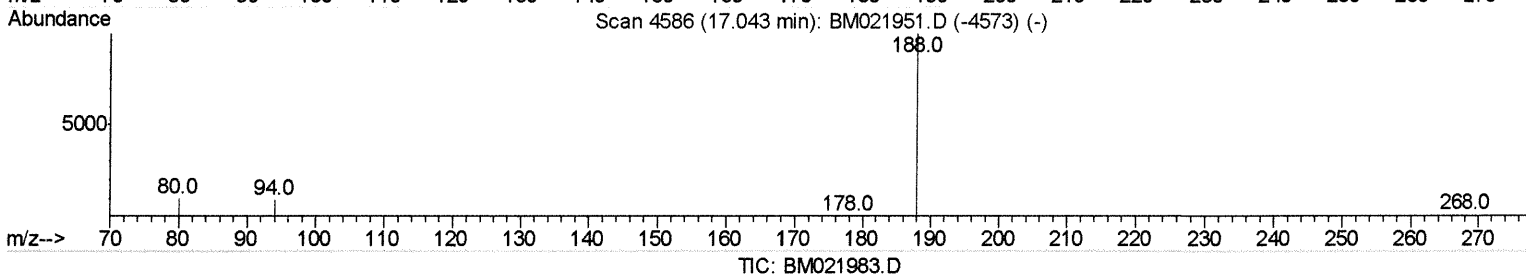
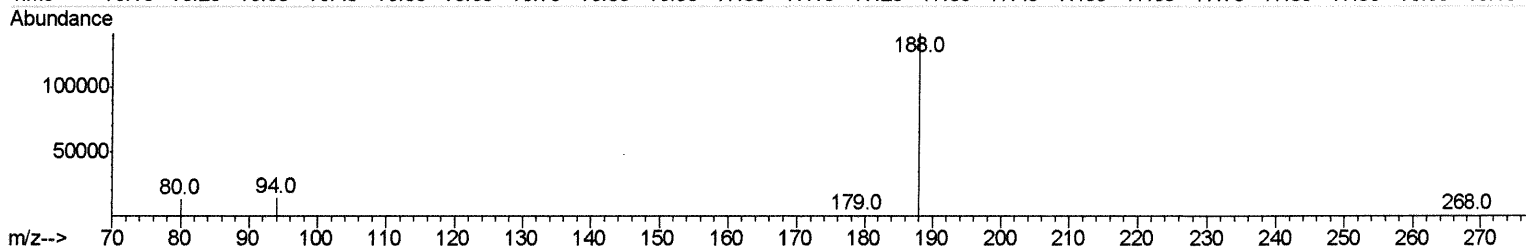
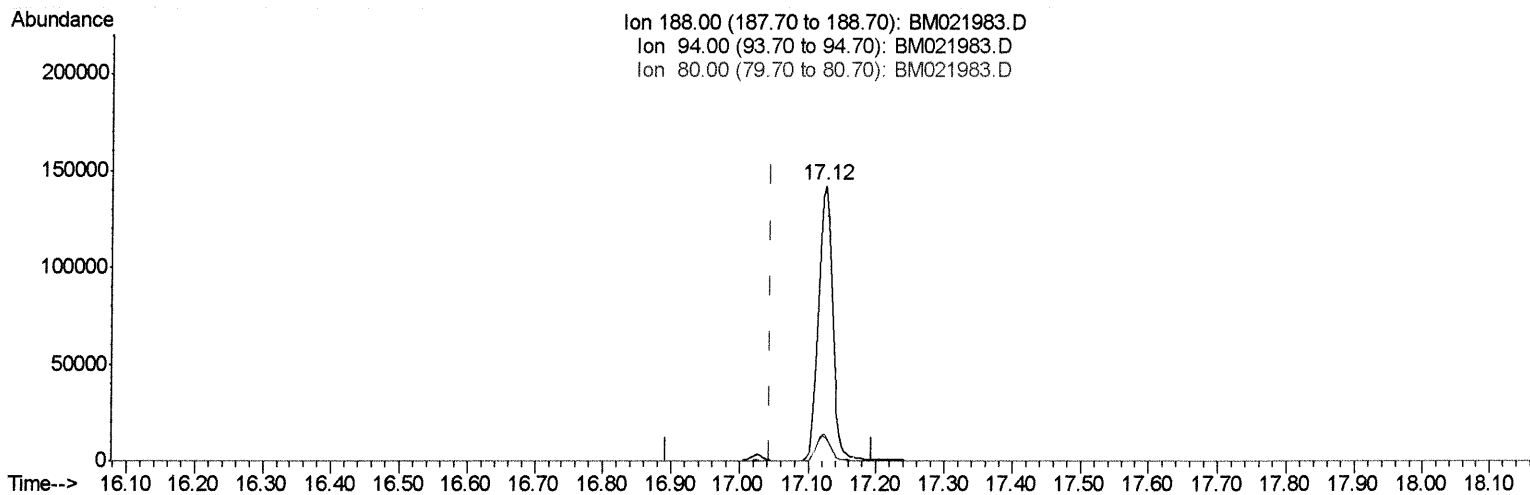
Quant Time: Aug 10 07:20:46 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 09 01:29:50 2019

Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.124min (+0.080) 0.40ng/ul

response 198153

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.44
80.00	11.40	8.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021983.D
Acq On : 09 Aug 2019 23:31
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

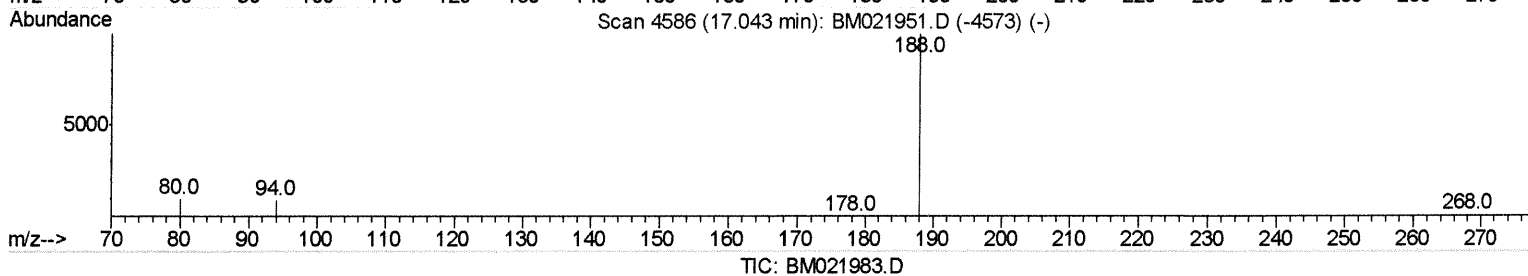
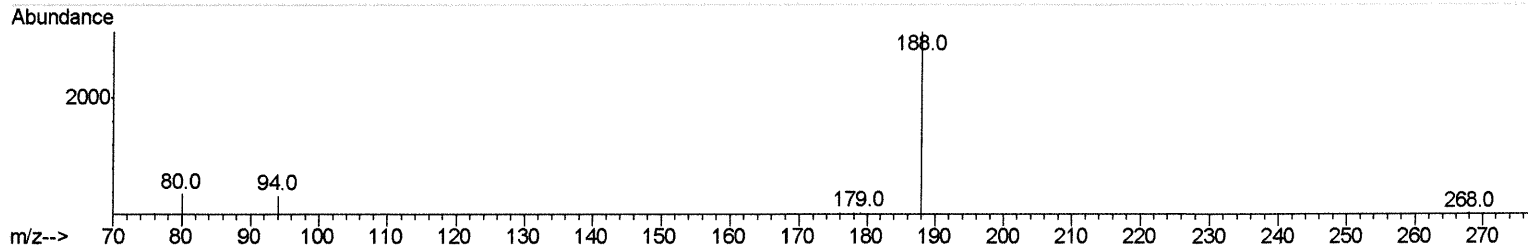
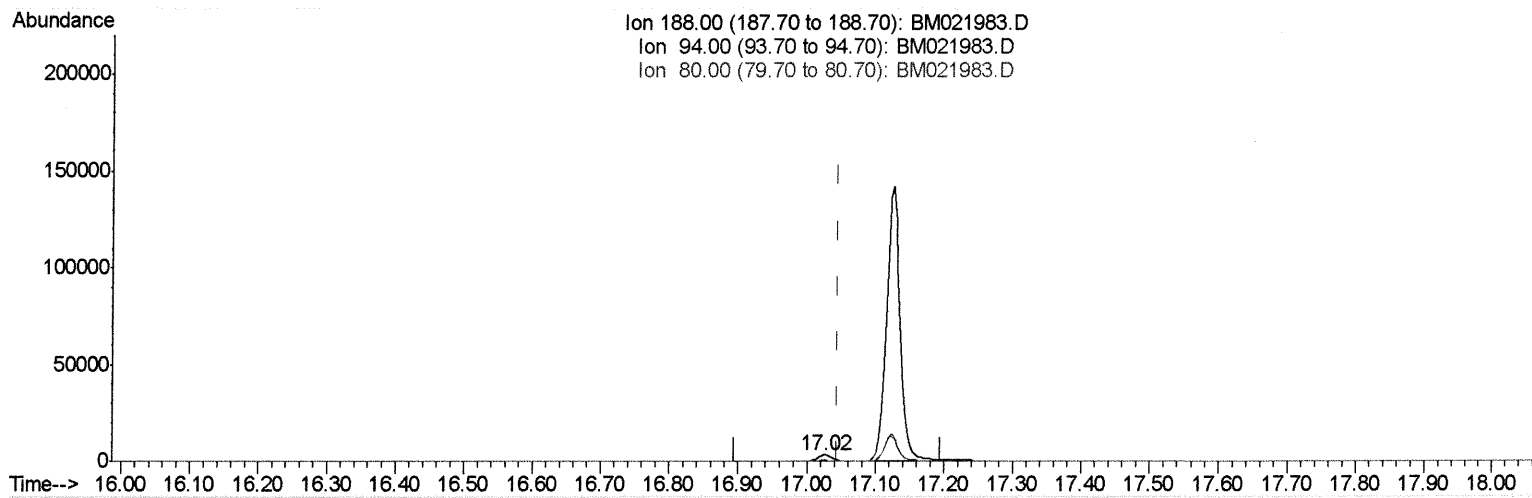
Instrument :
BNA_M
ClientSampleId :
JLLD7

Manual Integrations
APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:20:46 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.024min (-0.021) 0.40ng/ul m *JU* 08/12/19

response 4316

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.05
80.00	11.40	12.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

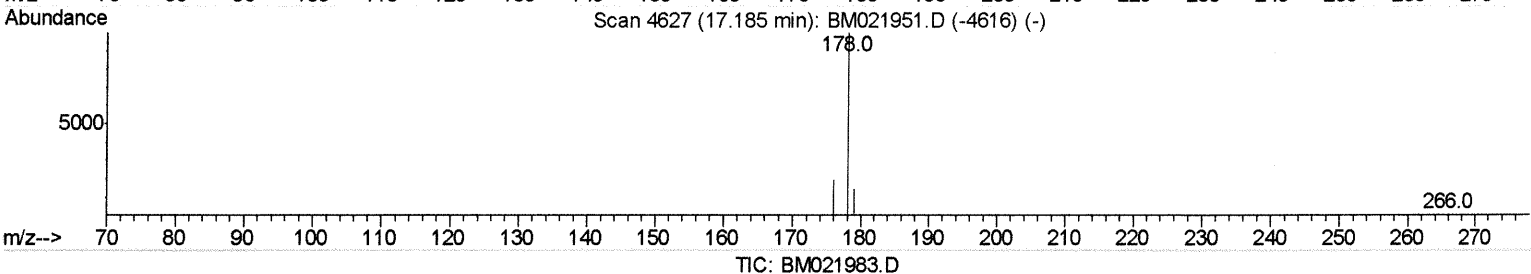
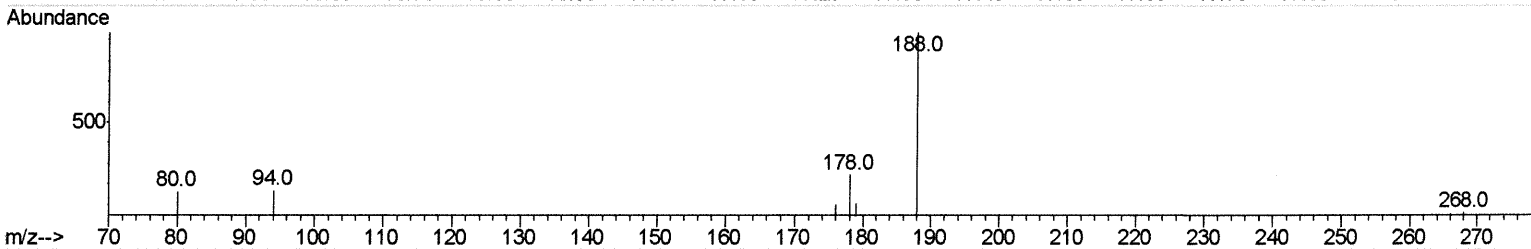
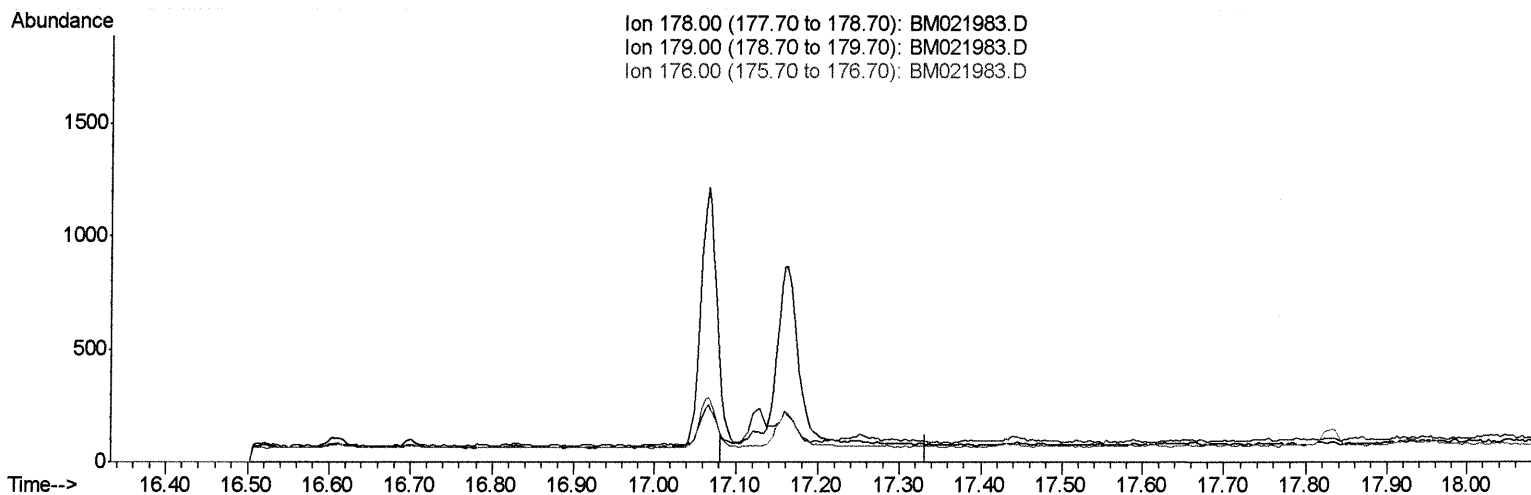
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:21:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(13) Anthracene

17.183min (-17.183) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021983.D
Acq On : 09 Aug 2019 23:31
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLD7

Manual Integrations
APPROVED

Sohil

8/13/2019 8:33:57 AM

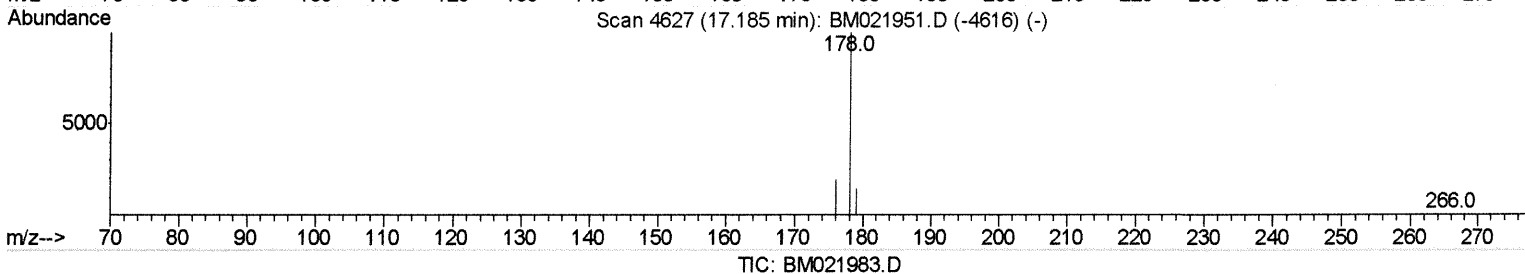
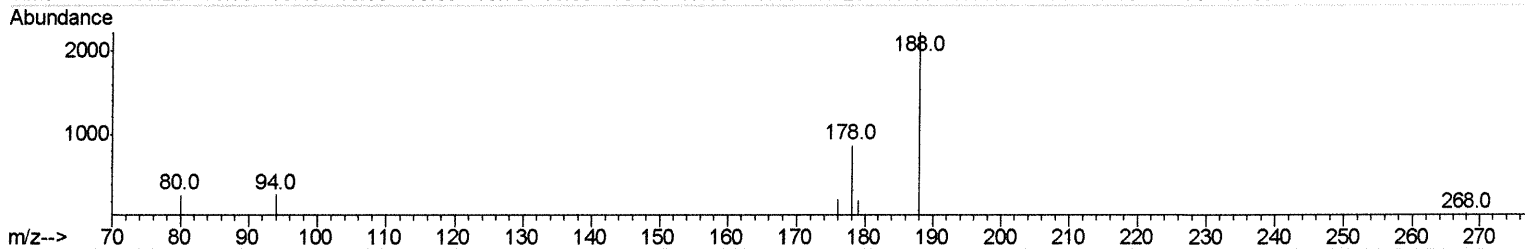
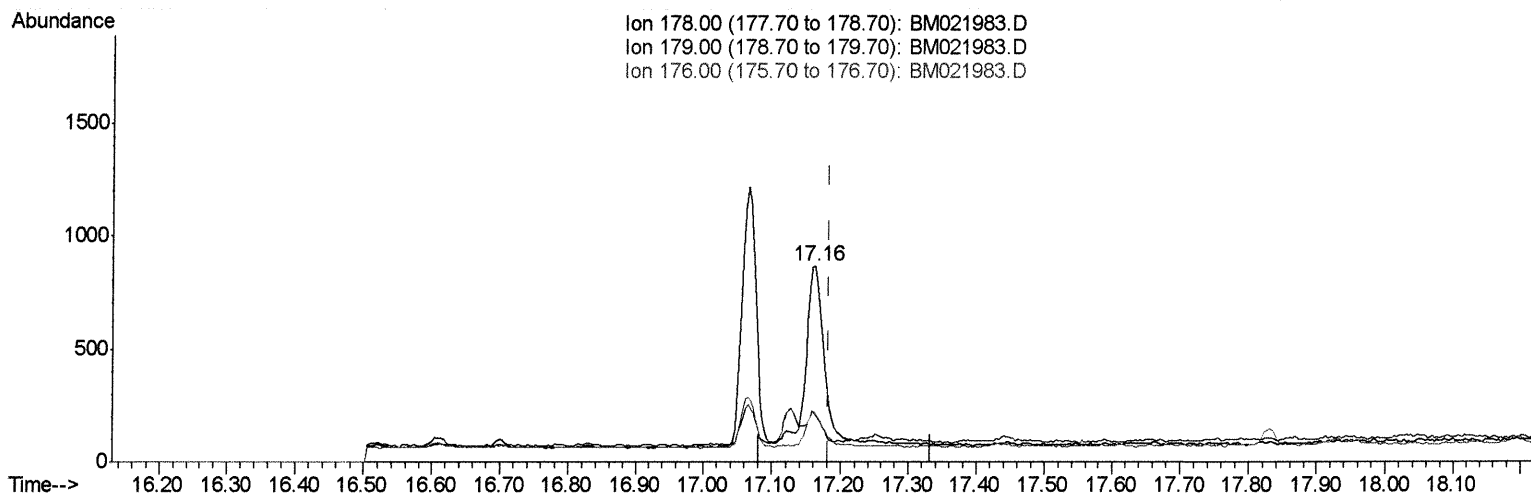
Quant Time: Aug 10 07:21:39 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 09 01:29:50 2019

Response via : Initial Calibration



(13) Anthracene

17.162min (-0.021) 0.12ng/ul m

JU
08/12/19

response 1308

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	24.57#
176.00	20.80	25.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

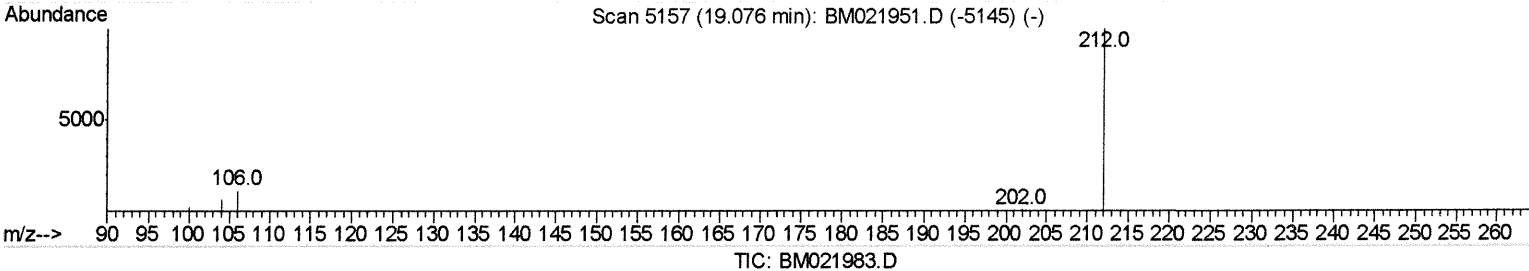
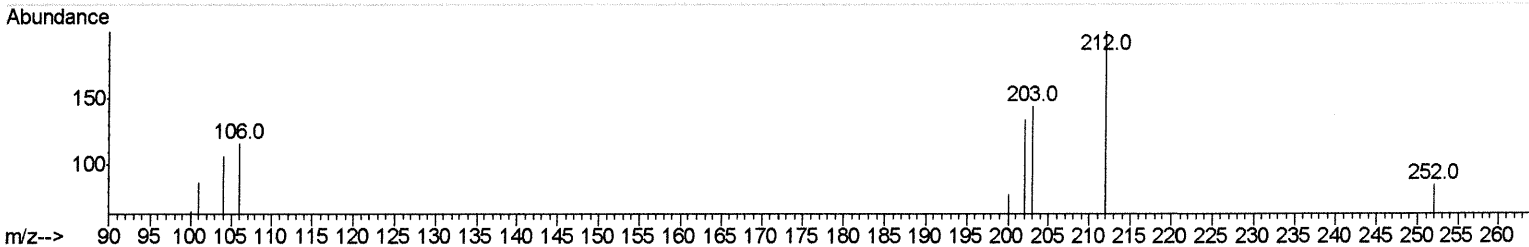
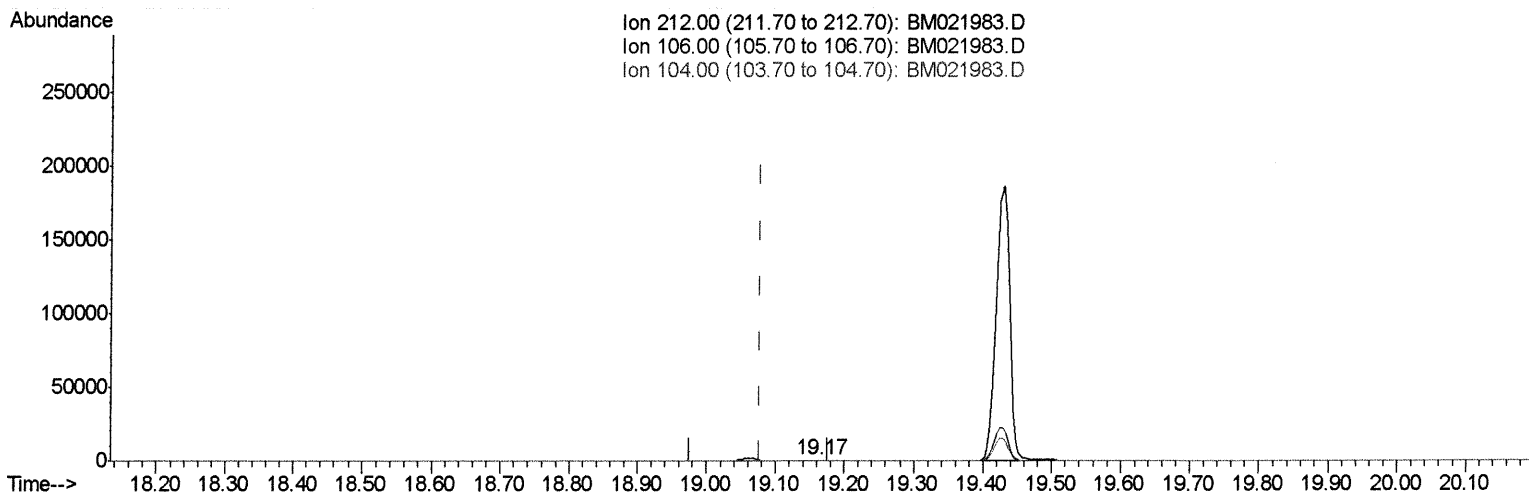
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:21:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.165min (+0.088) 0.01ng/ul

response 167

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	10.78
104.00	6.00	4.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

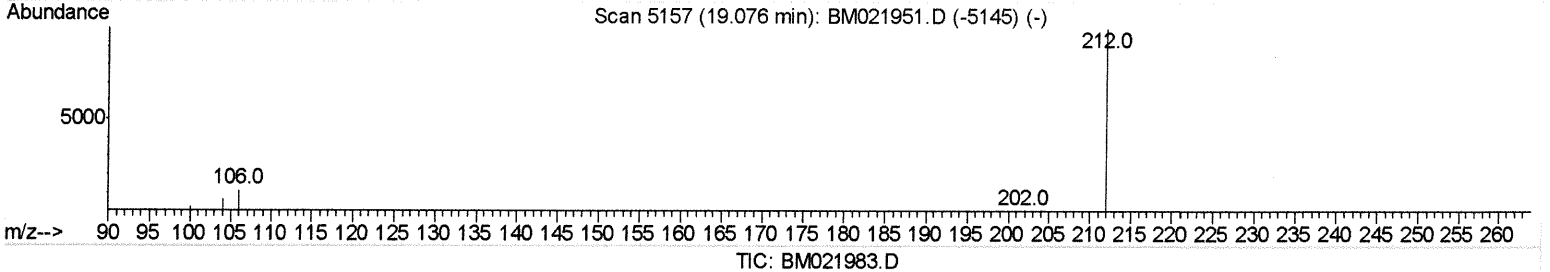
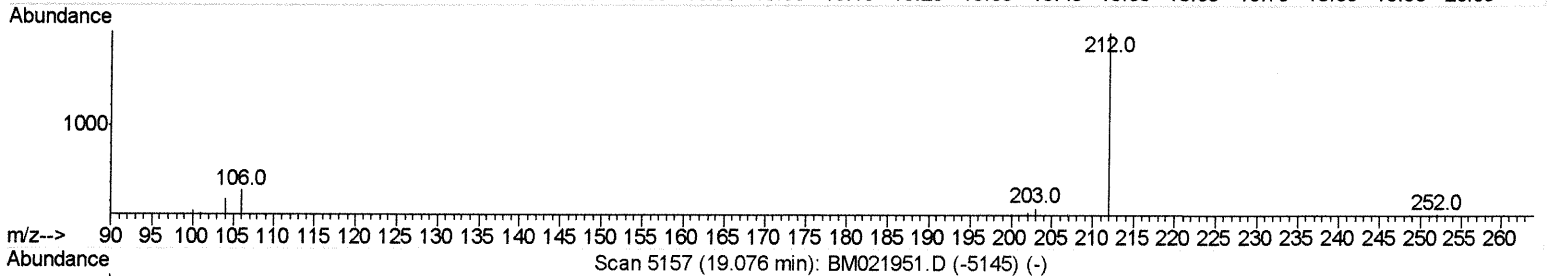
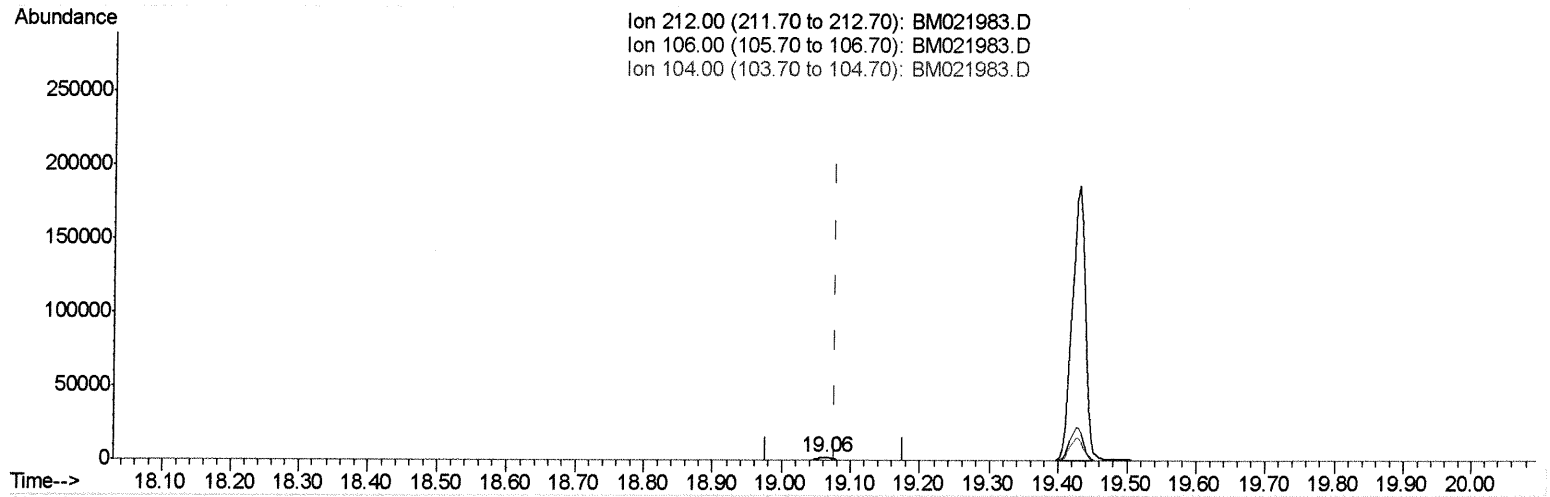
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:21:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.062min (-0.015) 0.18ng/ul m *JU 08/12/19*

response 2614

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.69#
104.00	6.00	0.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

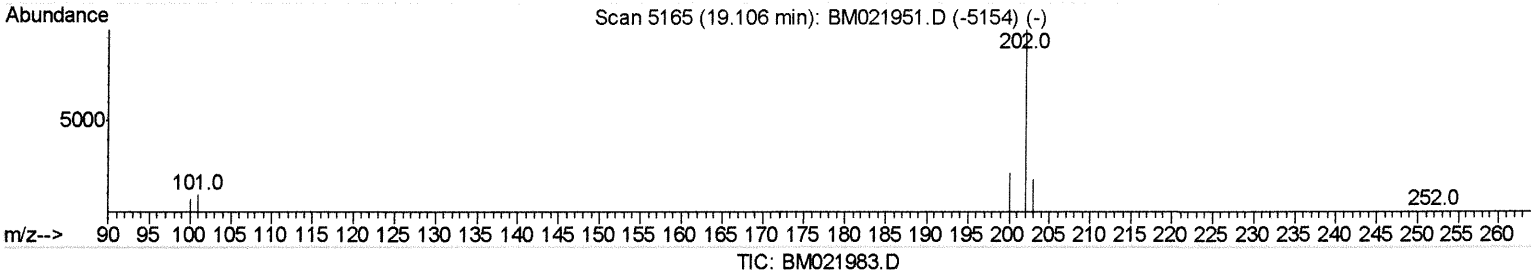
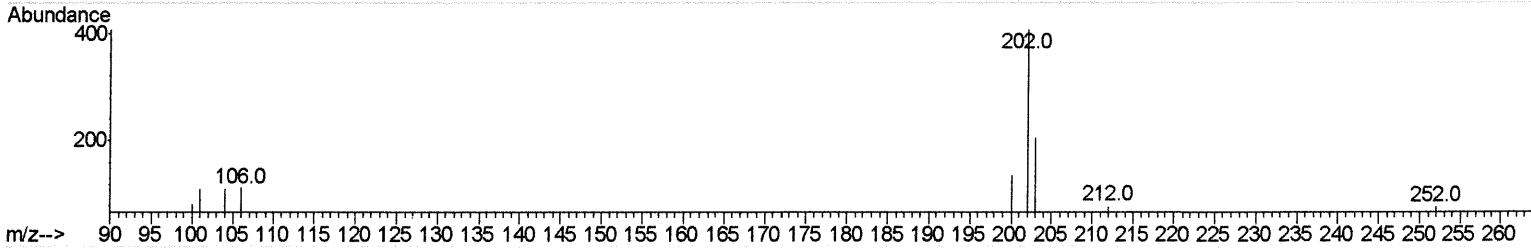
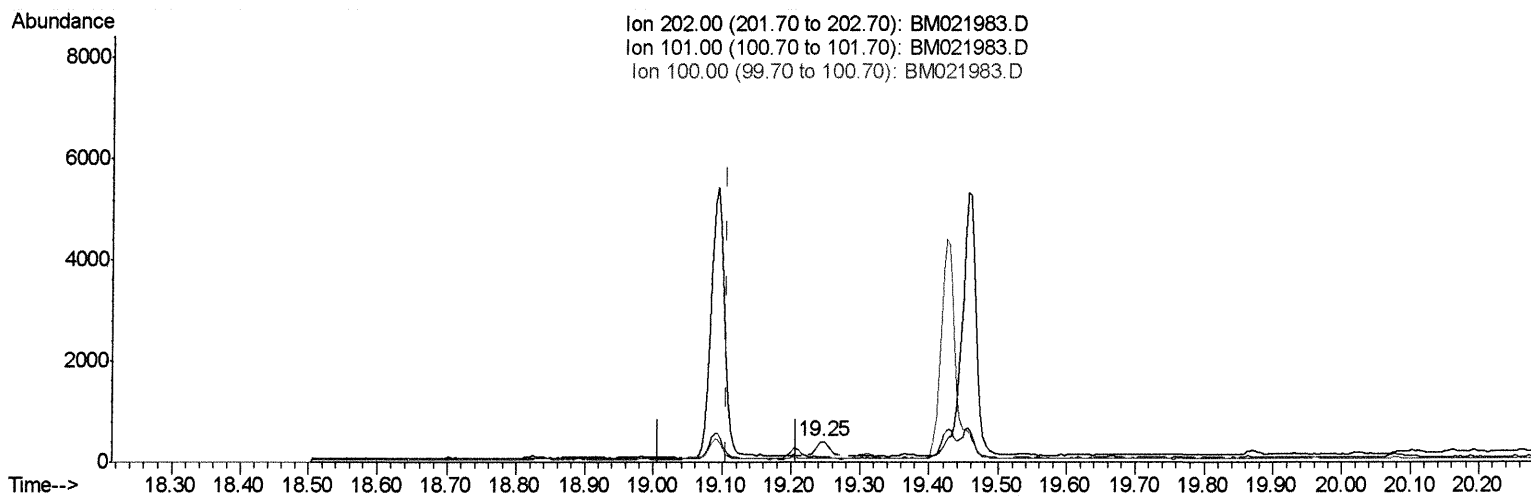
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:21:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.245min (+0.137) 0.02ng/ul

response 415

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	27.34
100.00	8.10	20.69
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021983.D
Acq On : 09 Aug 2019 23:31
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

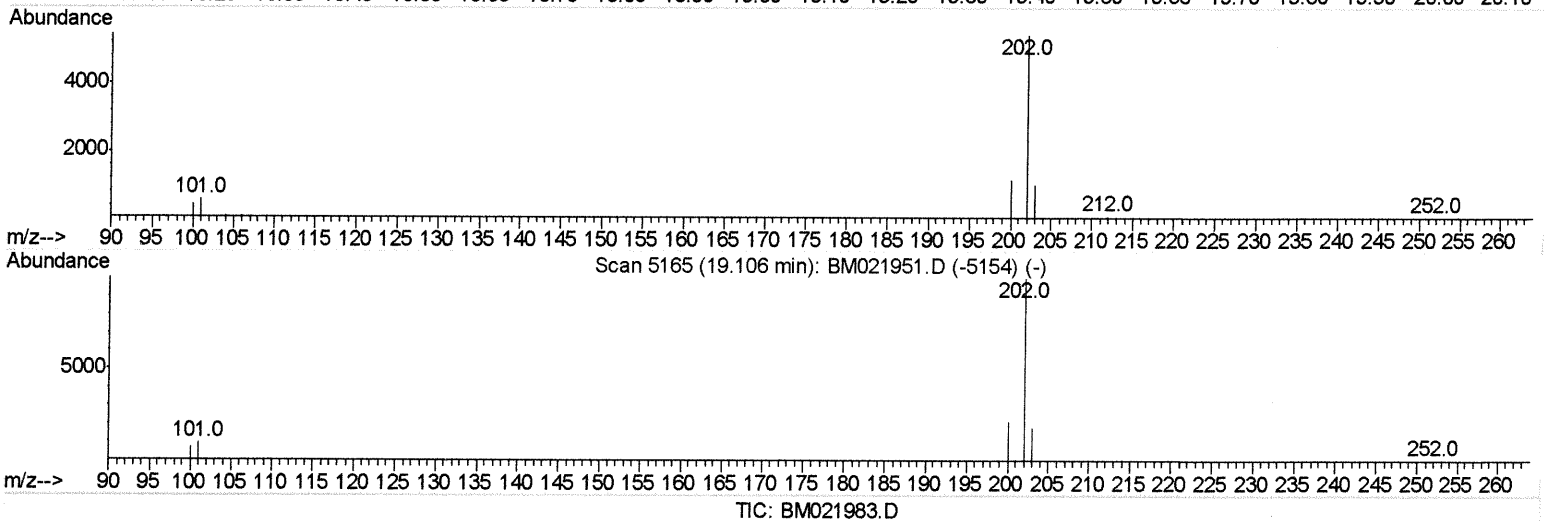
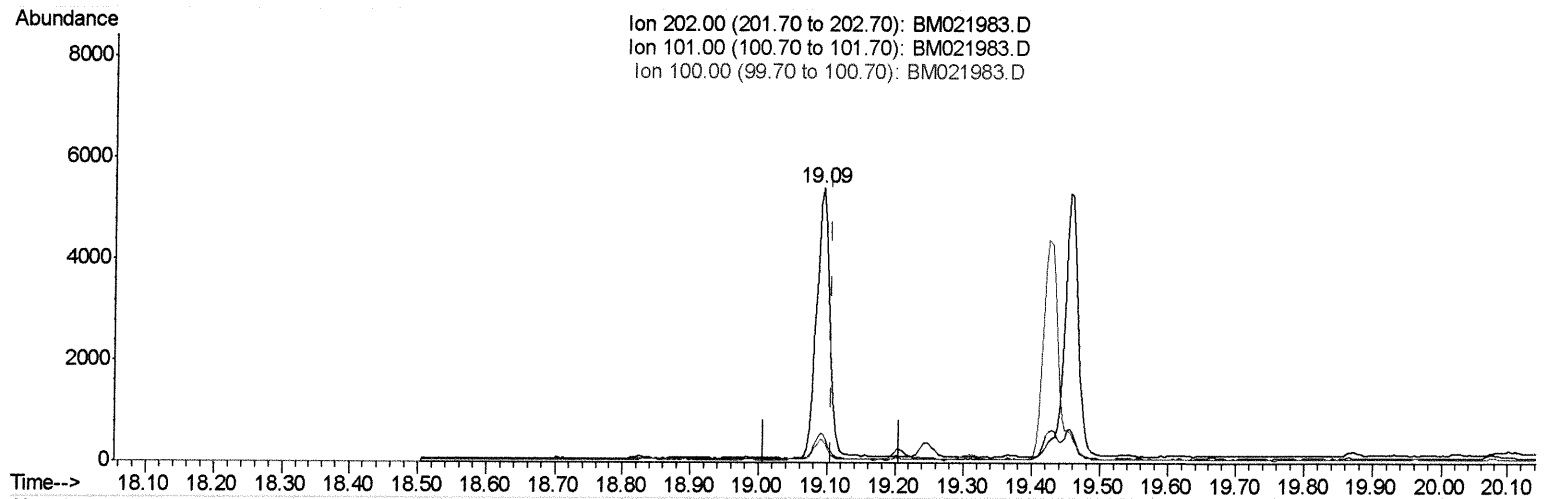
Instrument :
BNA_M
ClientSampleId :
JLLD7

Manual Integrations
APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:21:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.093min (-0.015) 0.43ng/ul m

JU
08/12/19

response 7171

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	10.54
100.00	8.10	8.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

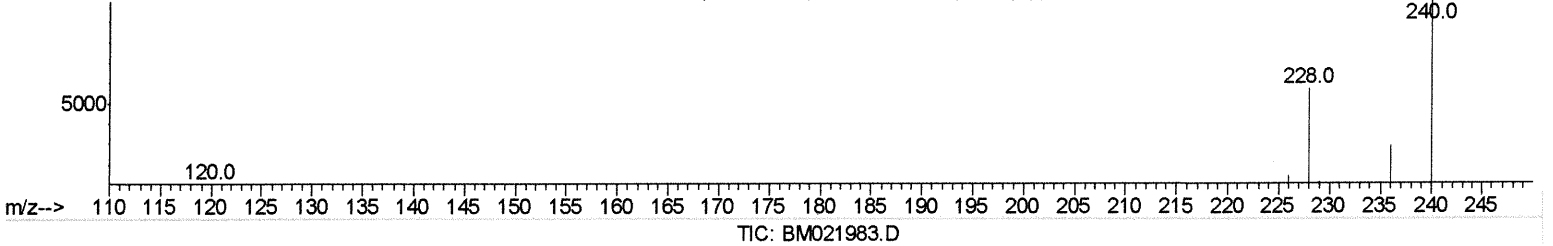
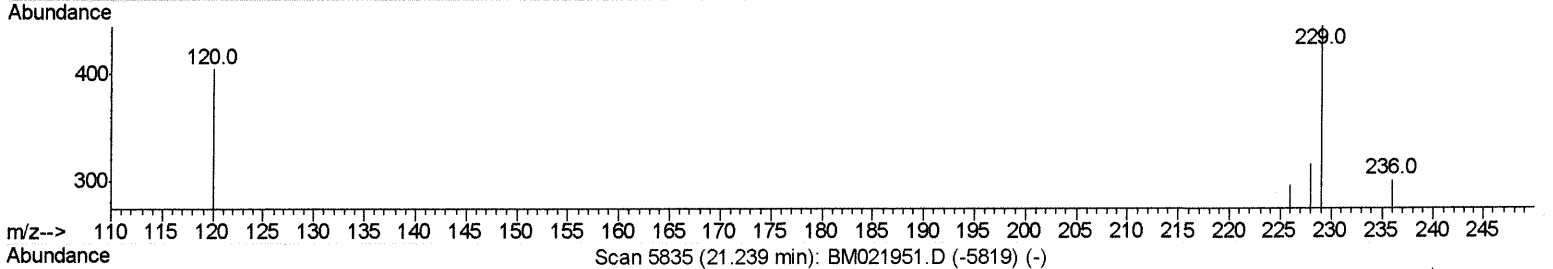
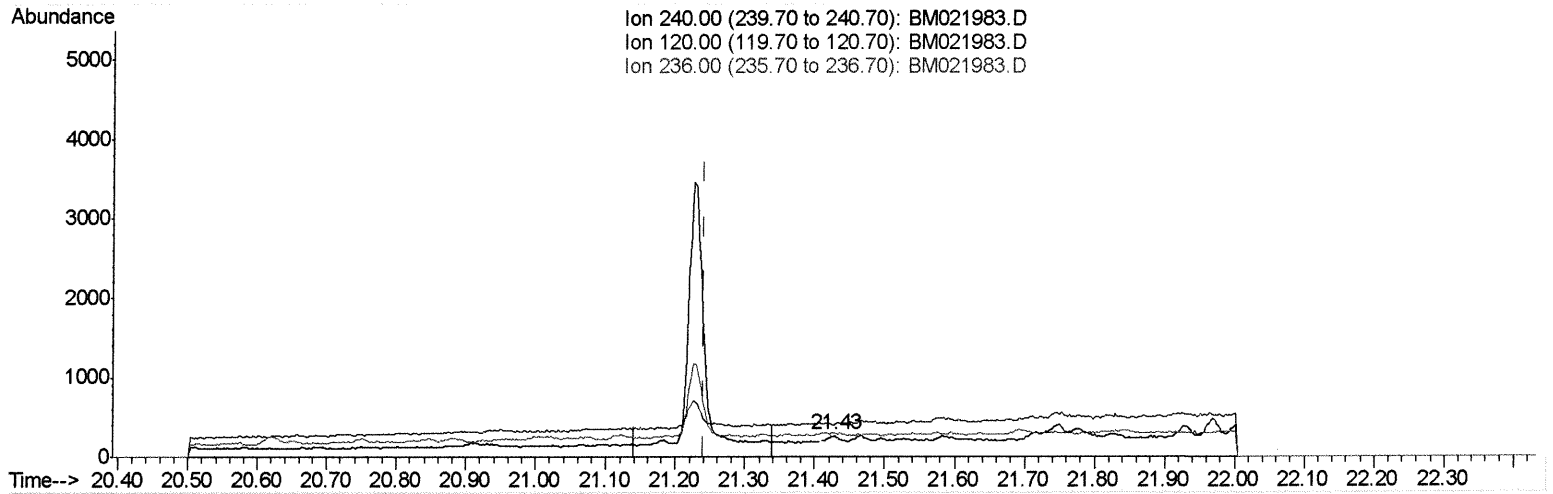
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:21:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.428min (+0.187) 0.40ng/ul

response 75

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	147.81#
236.00	32.30	109.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

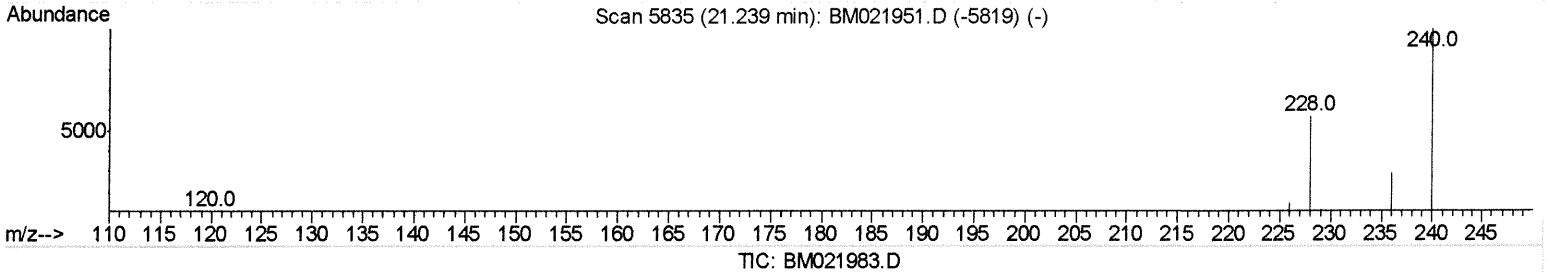
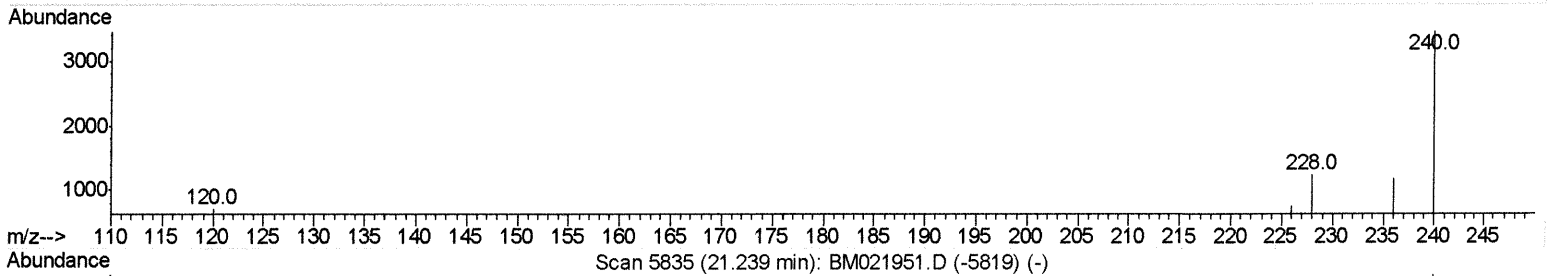
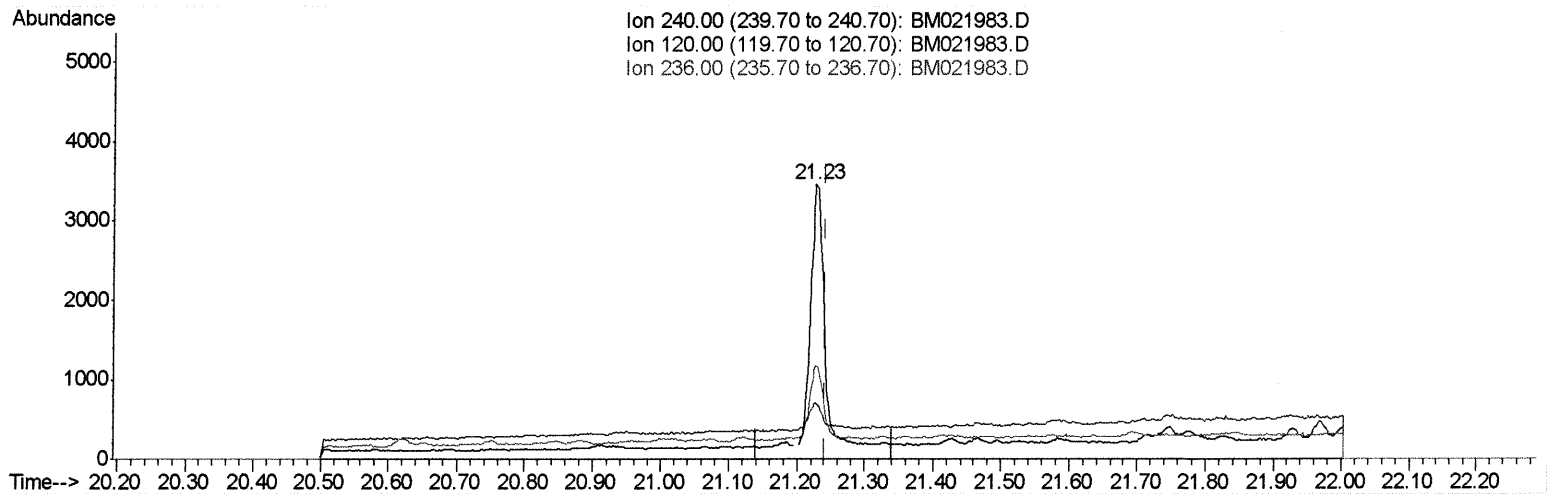
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:21:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.227min (-0.014) 0.40ng/ul m *JU 08/12/19*

response 4479

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	20.47#
236.00	32.30	34.13
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

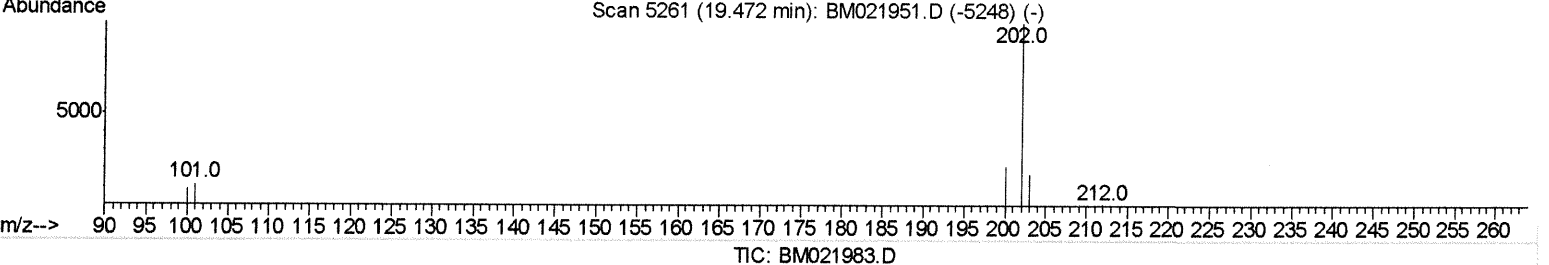
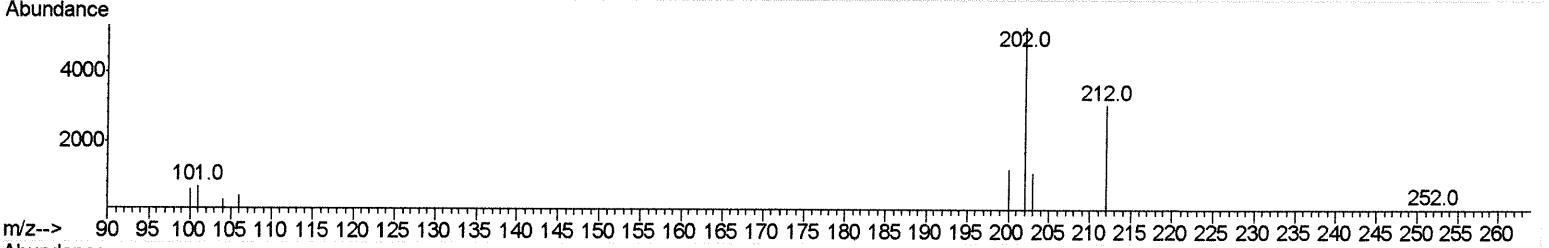
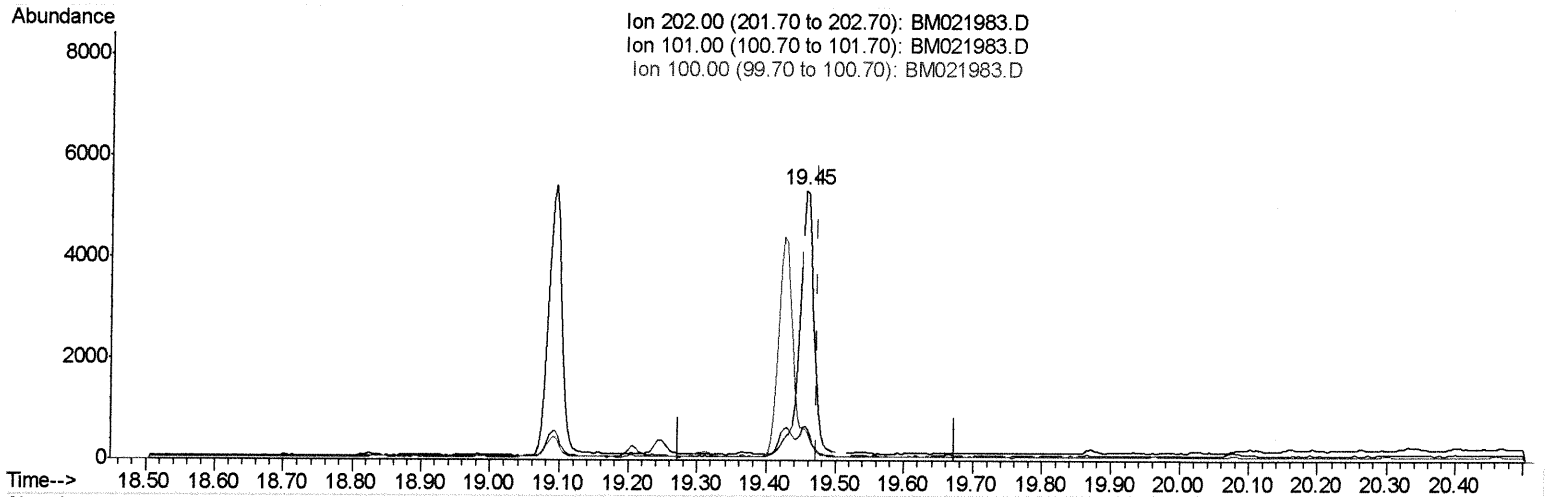
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:23:51 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(17) Pyrene

19.455min (-0.019) 0.25ng/ul

response 4692

Ion	Exp%	Act%
202.00	100	100
101.00	10.40	12.85#
100.00	9.00	11.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

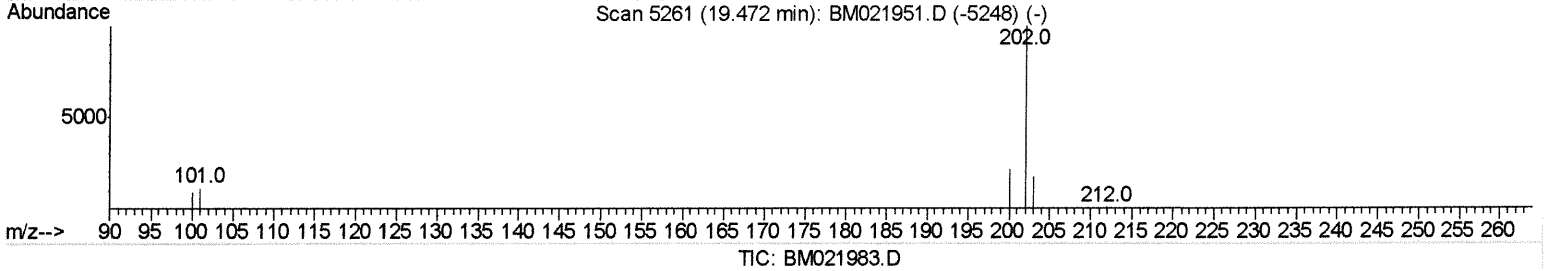
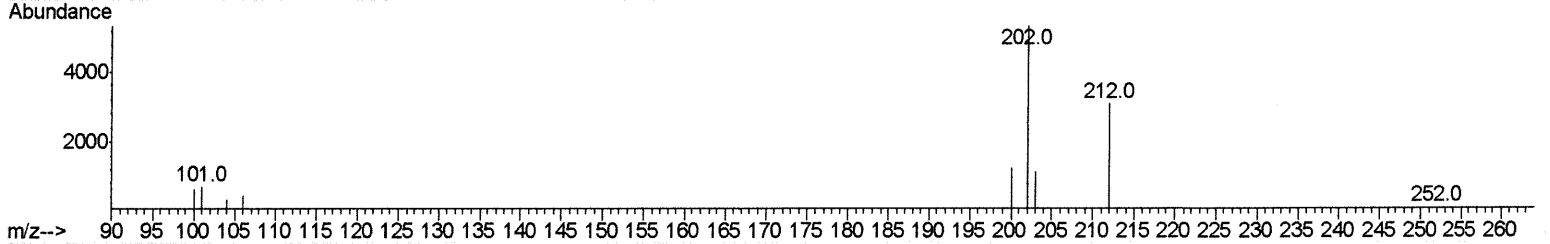
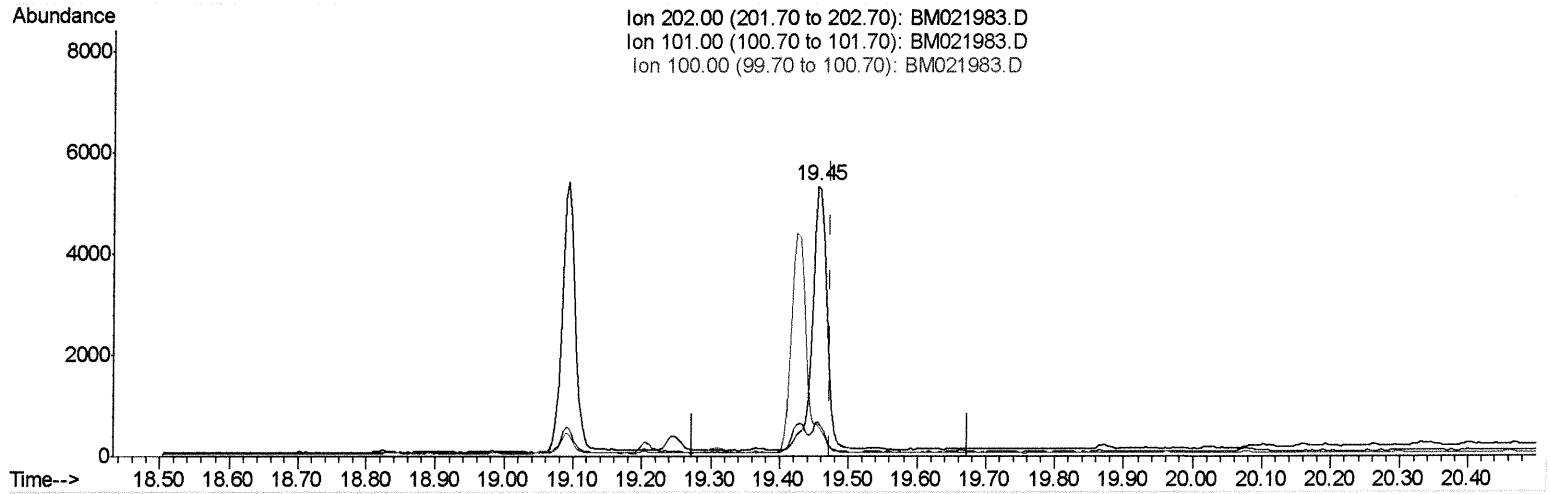
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:23:51 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(17) Pyrene

19.455min (-0.019) 0.38ng/ul m *JU 08/12/19*

response 7072

Ion	Exp%	Act%
202.00	100	100
101.00	10.40	12.85#
100.00	9.00	11.69#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080919\

Data File : BM021983.D

Acq On : 09 Aug 2019 23:31

Operator : HP/JU

Sample : K4116-08

Misc :

ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 17 06:56:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 17 04:18:36 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

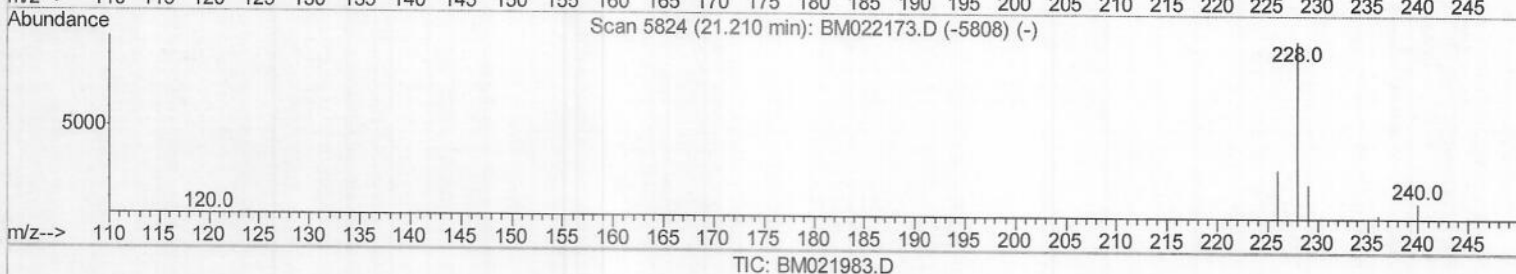
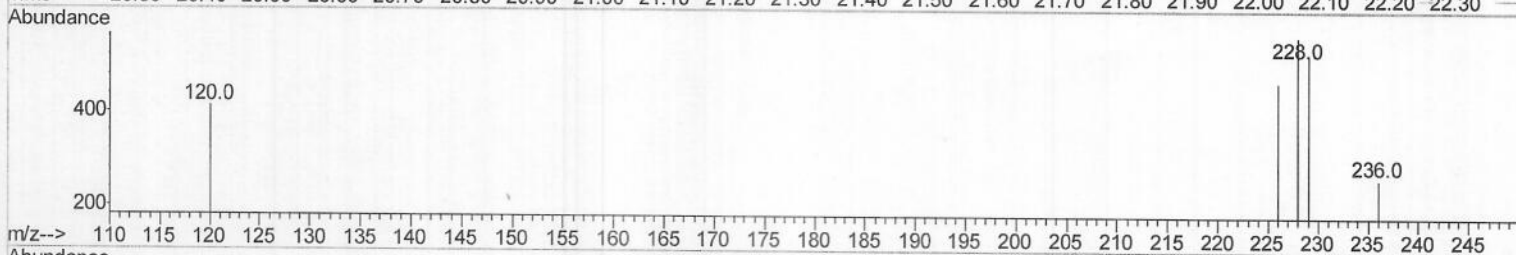
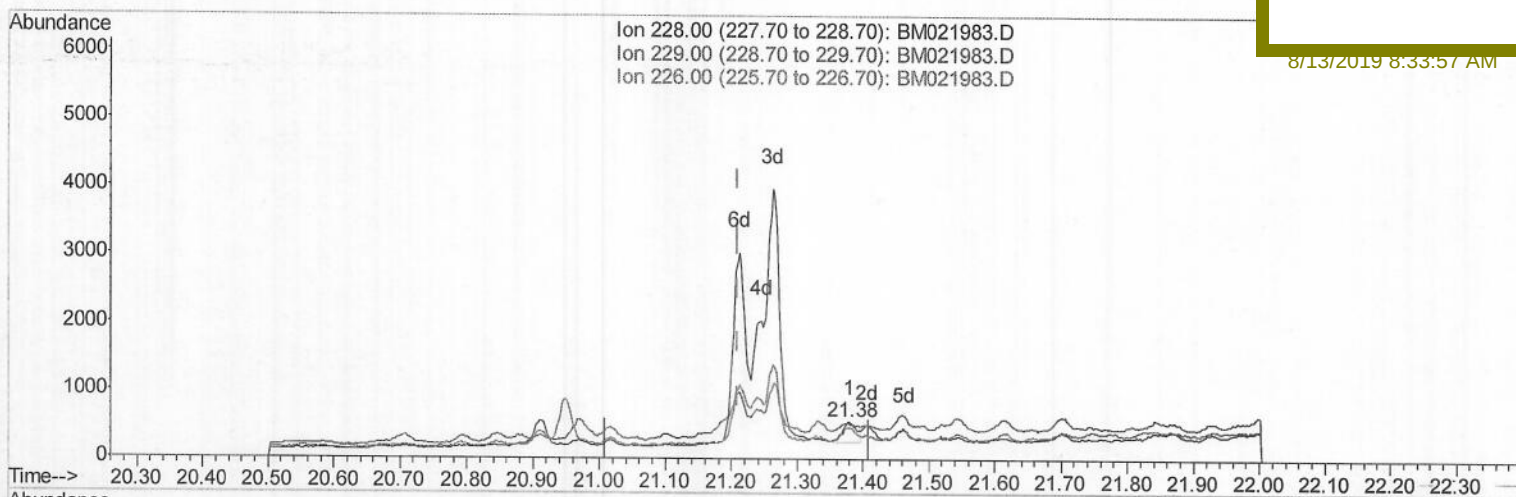
JLLD7

Manual Integrations

APPROVED

Sohil

8/13/2019 8:33:57 AM



(18) Benzo(a)anthracene

21.379min (+0.169) 11.31ng/ul

response 445

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	93.46#
226.00	28.30	82.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

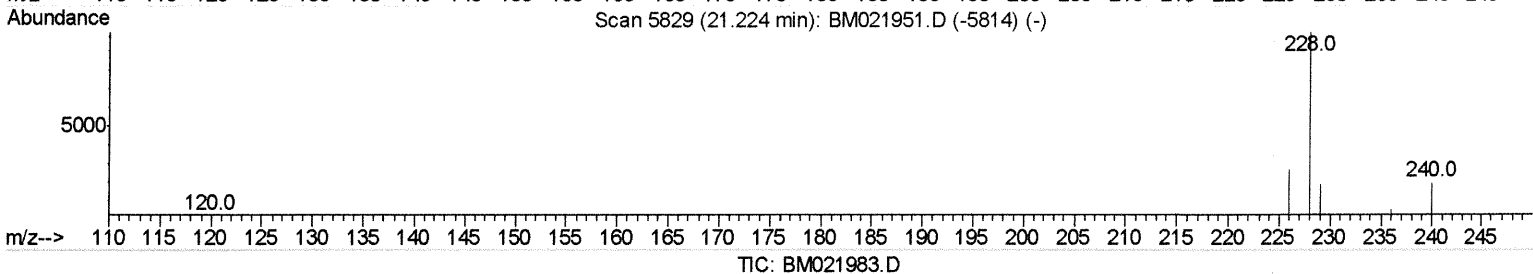
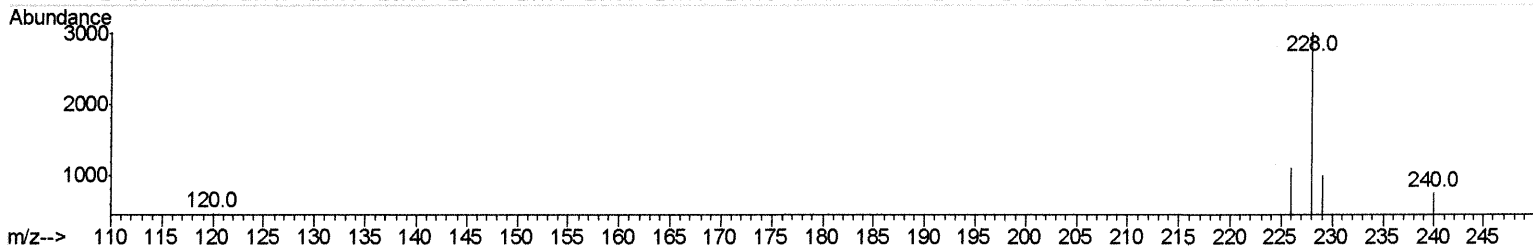
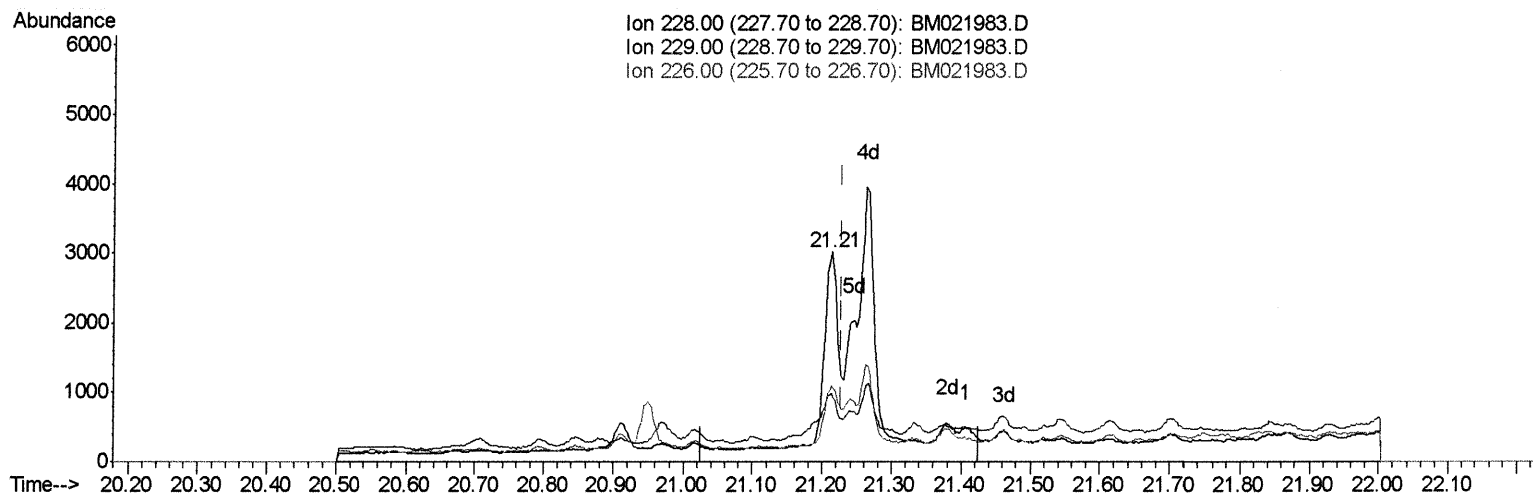
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:24:40 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.212min (-0.014) 0.24ng/ul m *JU 08/12/19*

response 3815

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	32.86#
226.00	28.30	36.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

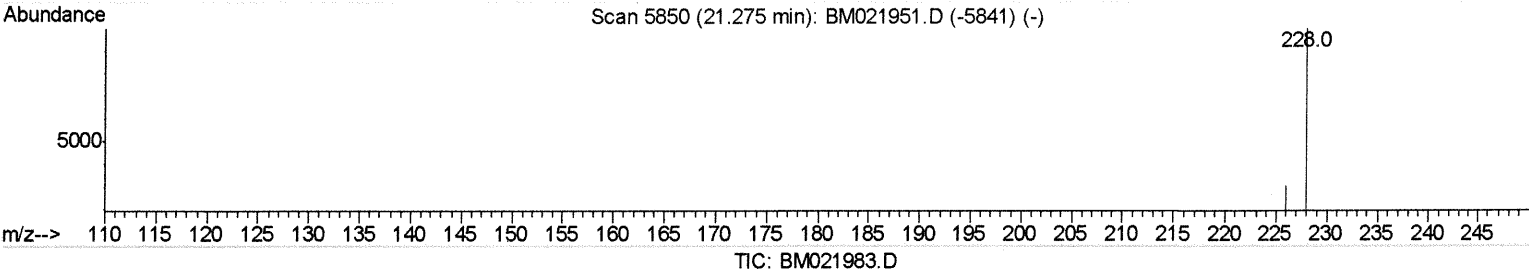
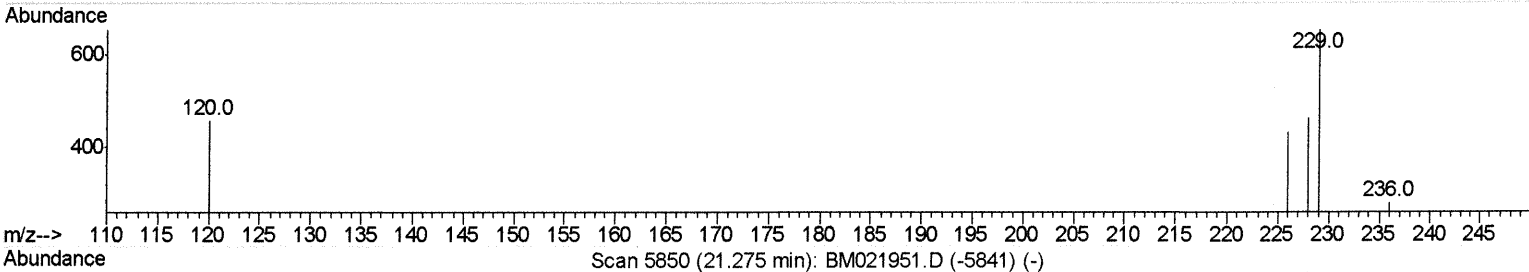
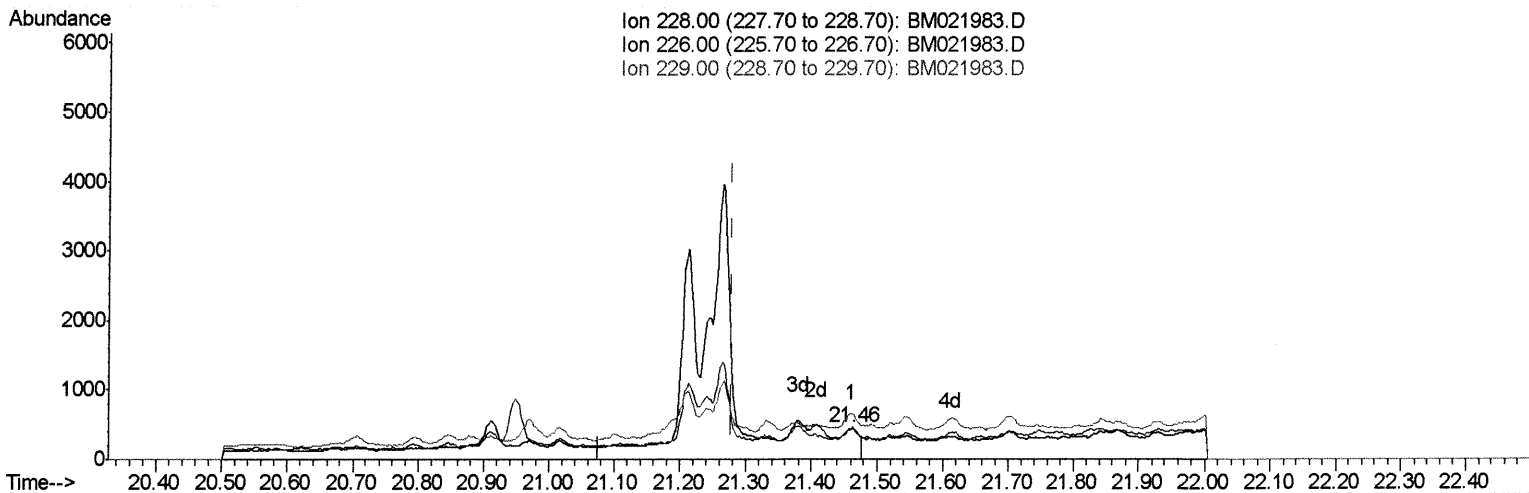
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:24:40 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(19) Chrysene

21.462min (+0.184) 0.01ng/ul

response 265

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	93.72#
229.00	20.80	141.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

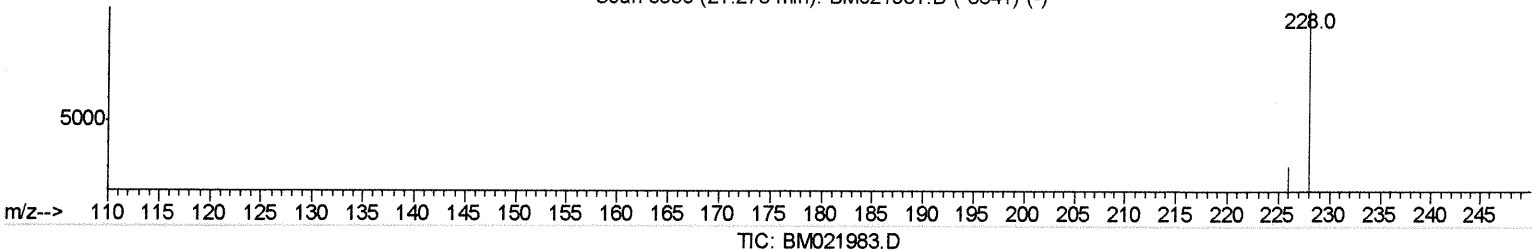
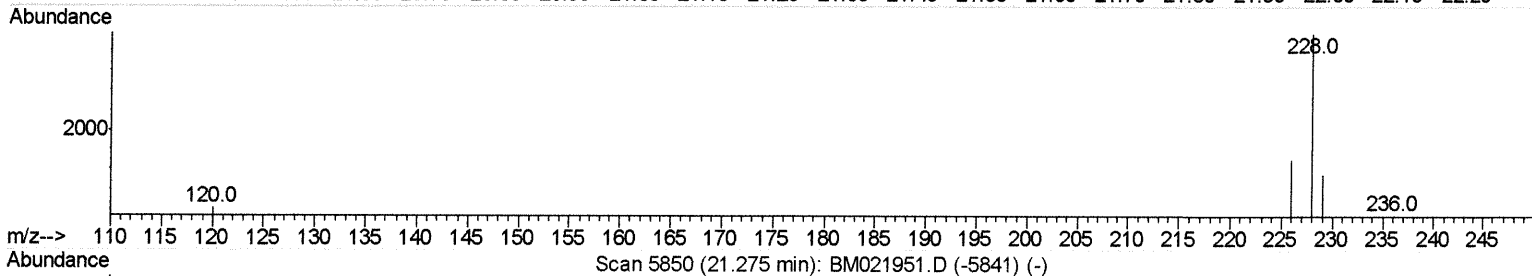
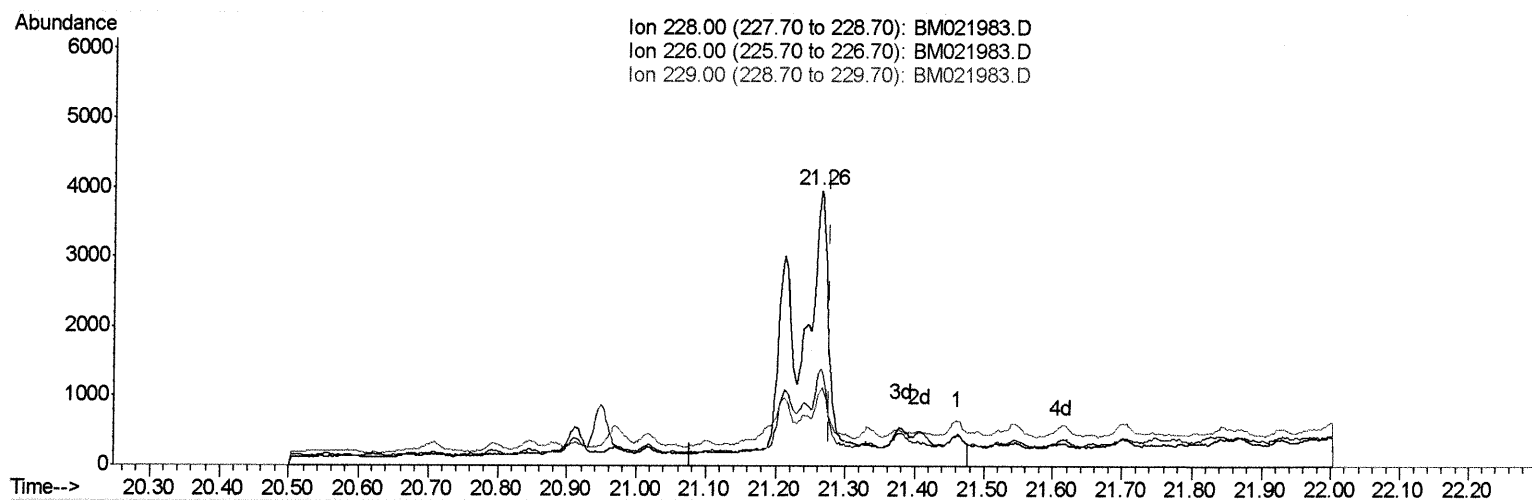
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:24:40 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(19) Chrysene

21.263min (-0.014) 0.22ng/ul m *JU 08/12/19*

response 4508

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	35.30
229.00	20.80	27.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021983.D
Acq On : 09 Aug 2019 23:31
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

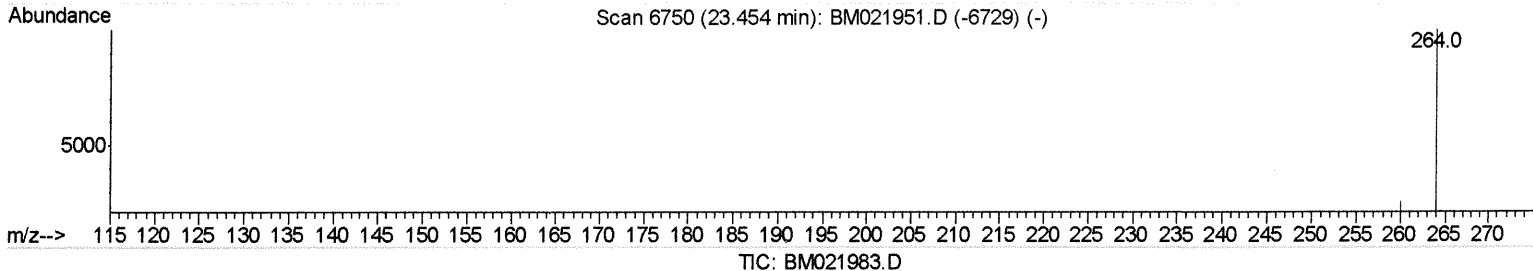
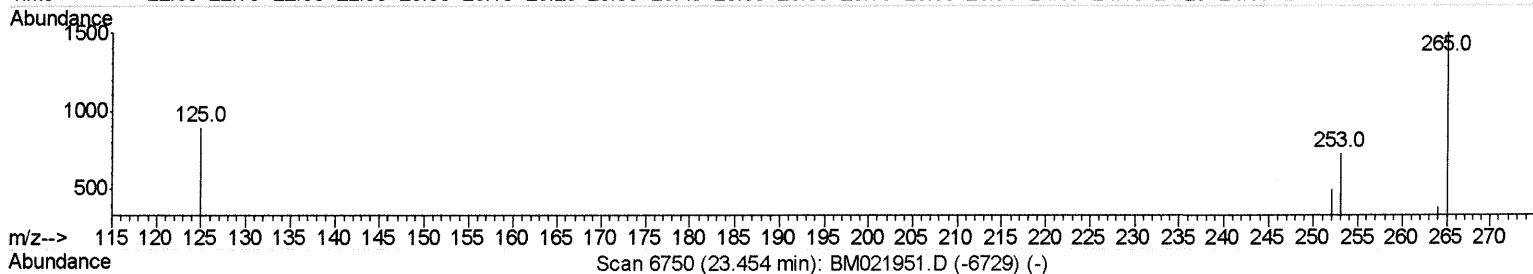
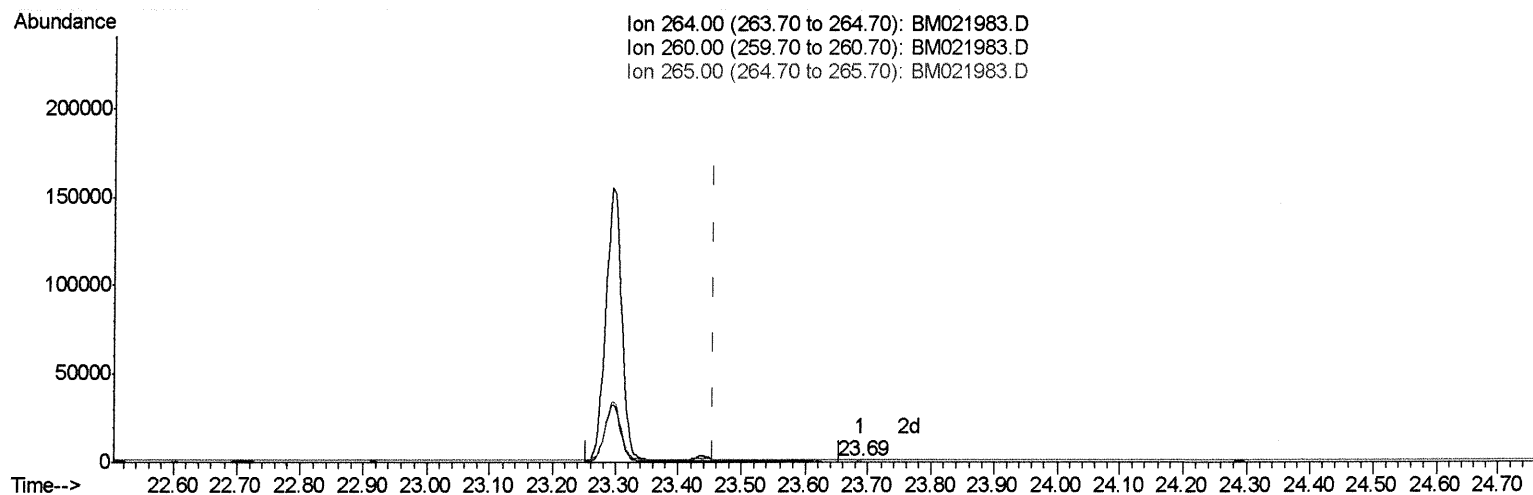
Instrument :
BNA_M
ClientSampleId :
JLLD7

Manual Integrations
APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:24:40 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.688min (+0.233) 0.40ng/ul

response 170

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	87.40#
265.00	117.00	394.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

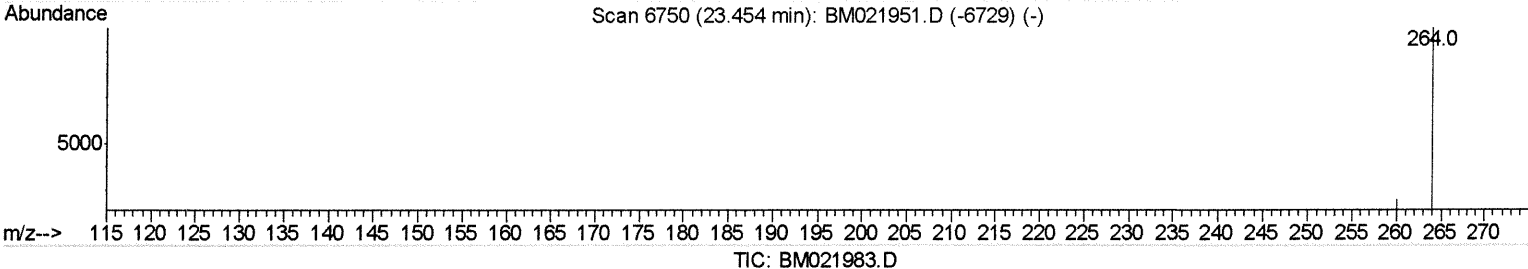
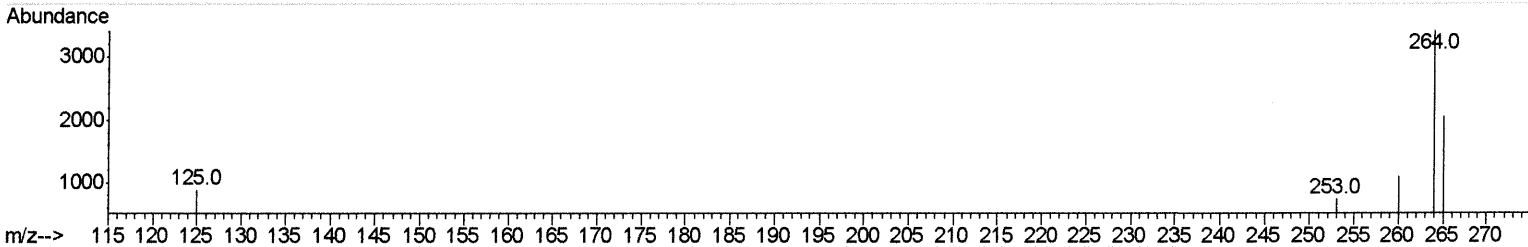
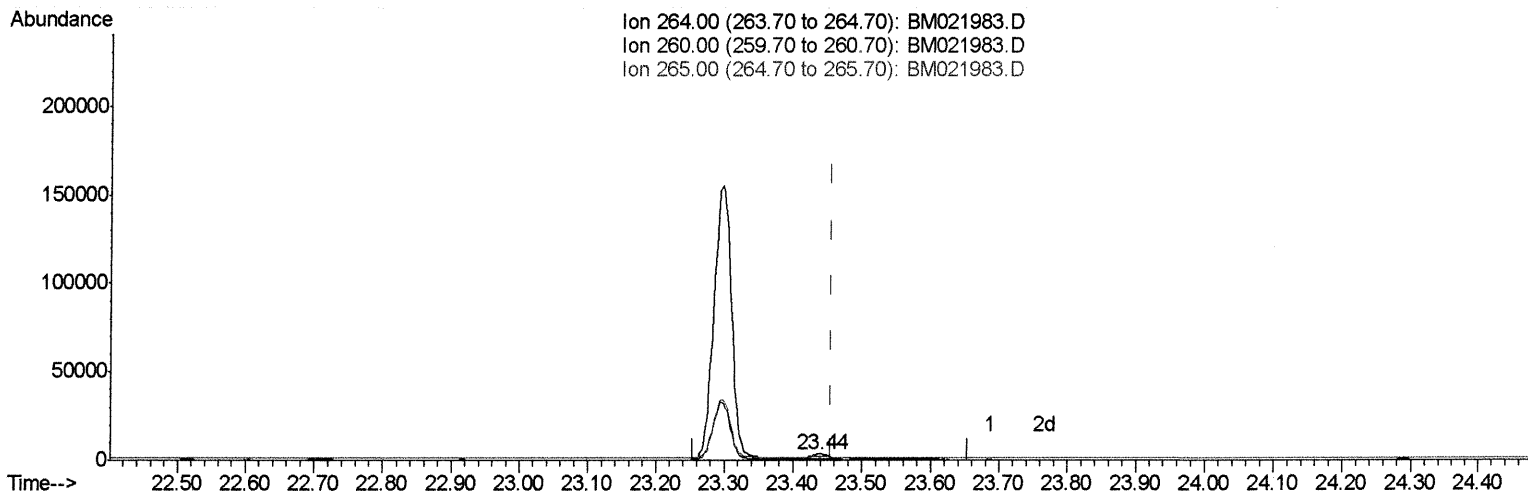
Instrument :
 BNA_M
 ClientSampled :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:24:40 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.438min (-0.017) 0.40ng/ul m *JU 8/12/19*

response 4871

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	31.95
265.00	117.00	59.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021983.D
Acq On : 09 Aug 2019 23:31
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

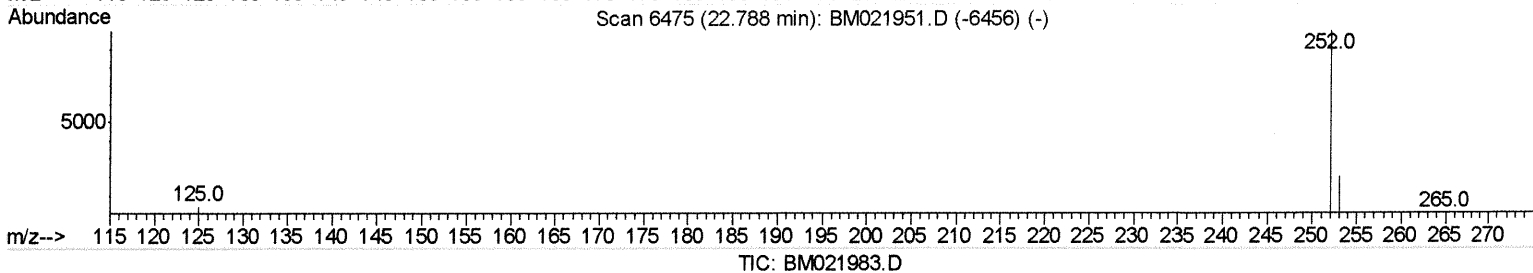
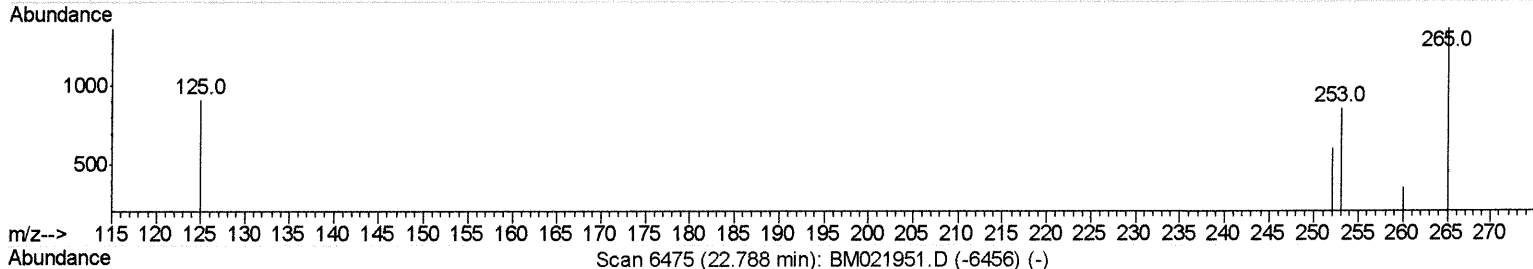
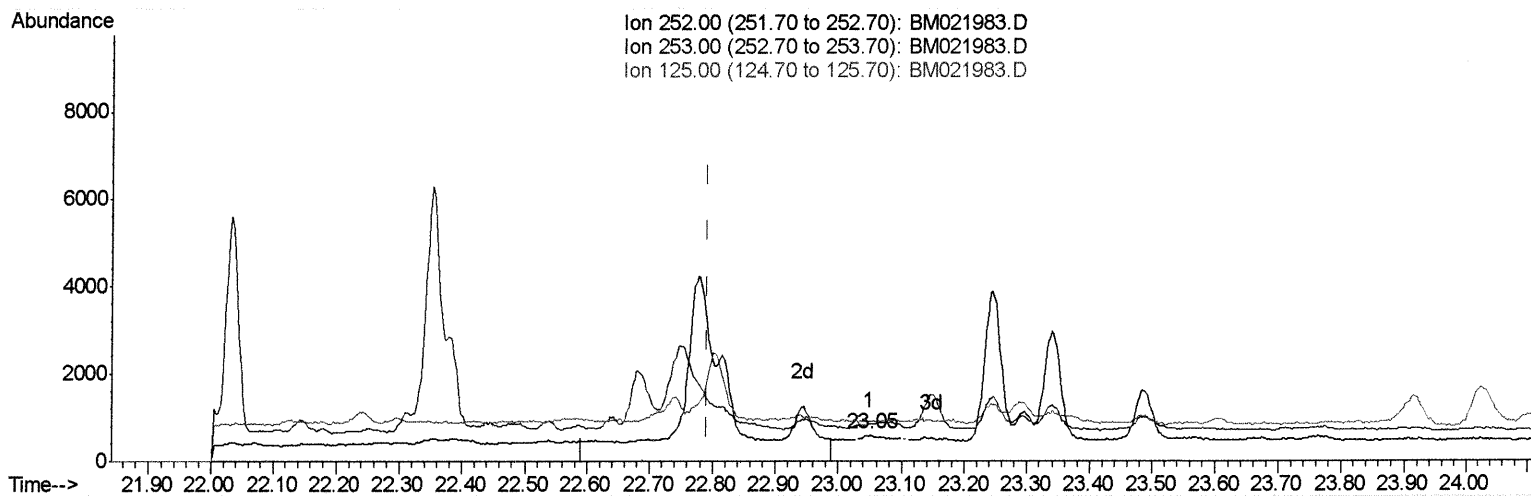
Instrument :
BNA_M
ClientSampleId :
JLLD7

Manual Integrations
APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:26:13 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.050min (+0.259) 0.02ng/ul

response 259

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	141.96#
125.00	15.50	151.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021983.D
Acq On : 09 Aug 2019 23:31
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

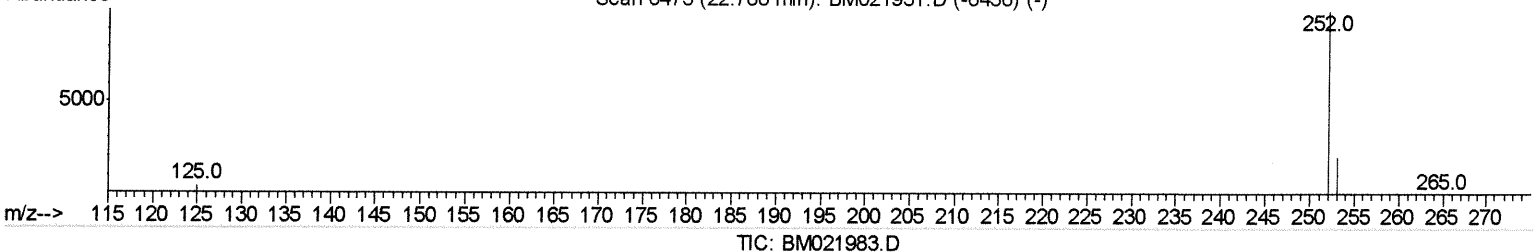
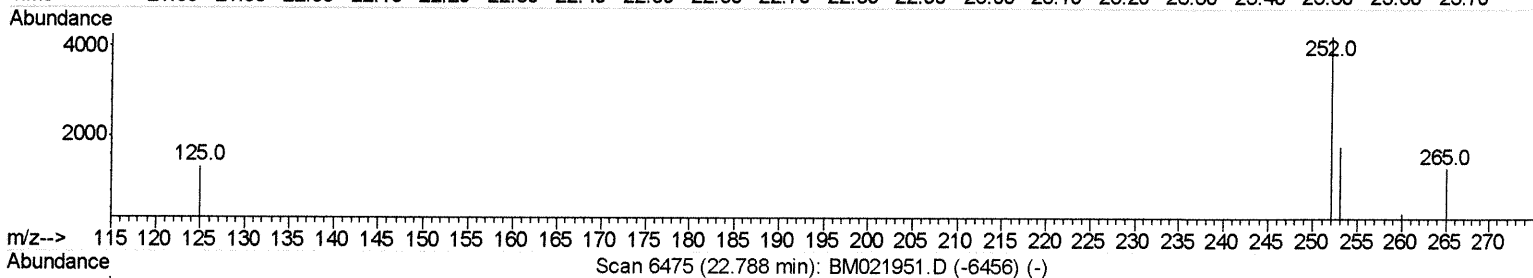
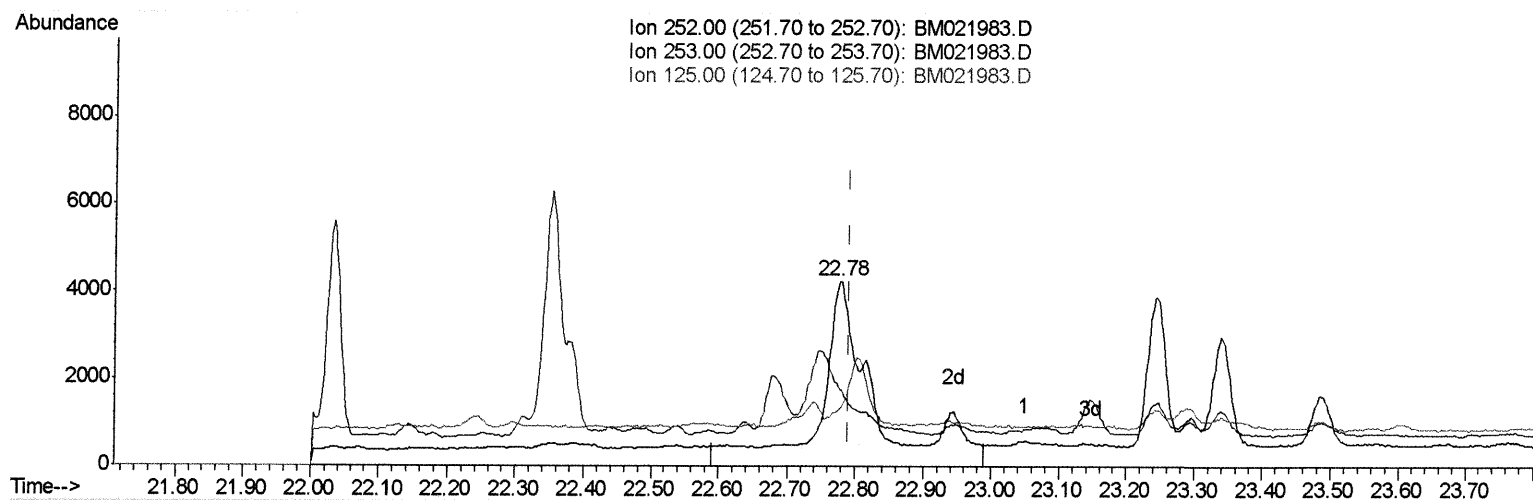
Instrument :
BNA_M
ClientSampleId :
JLLD7

Manual Integrations
APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:26:13 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.777min (-0.014) 0.54ng/ul m

JU
08/12/19

response 8802

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	42.01
125.00	15.50	31.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

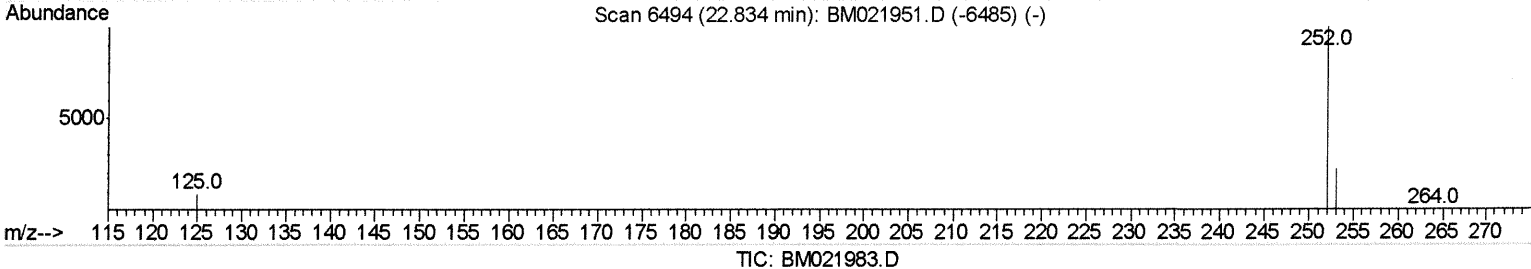
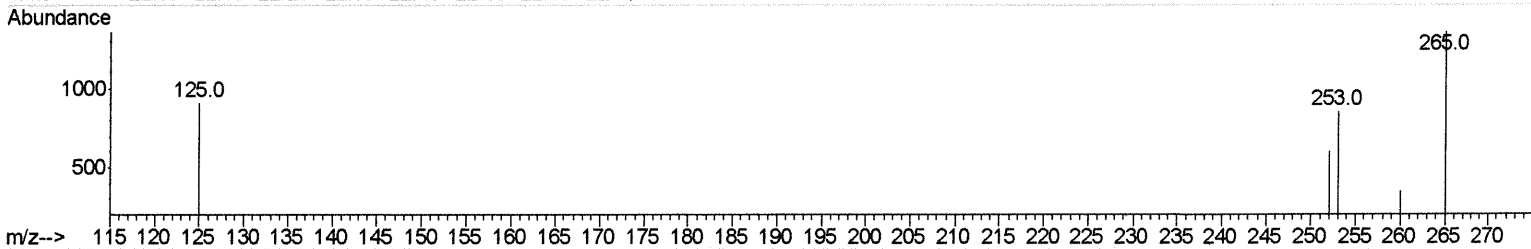
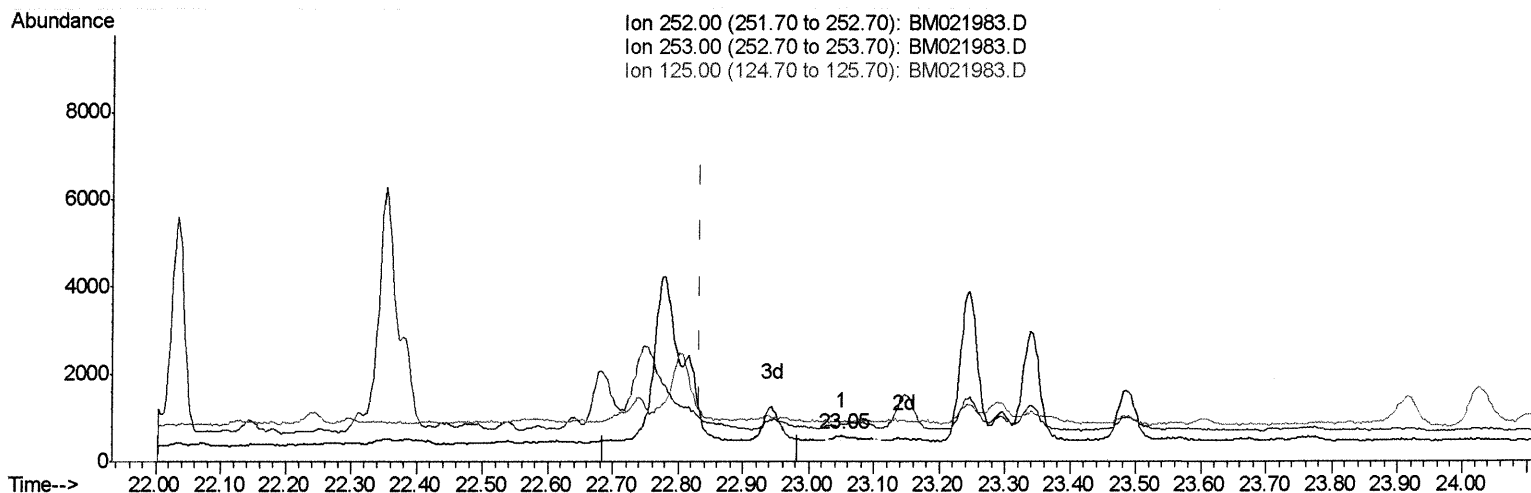
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:26:13 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.050min (+0.216) 0.01ng/ul

response 259

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	141.96#
125.00	15.20	151.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021983.D
Acq On : 09 Aug 2019 23:31
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

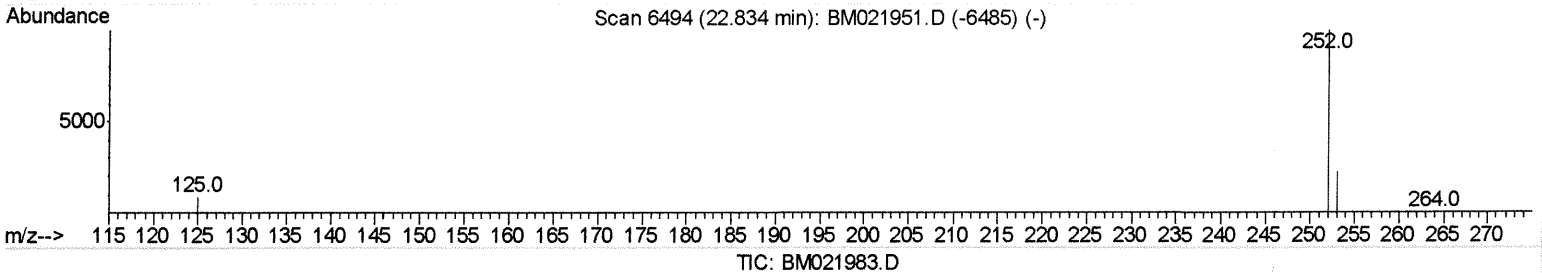
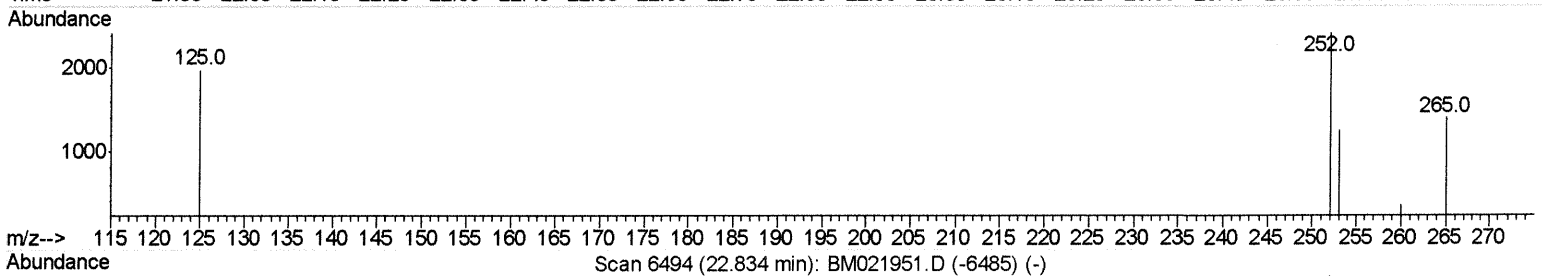
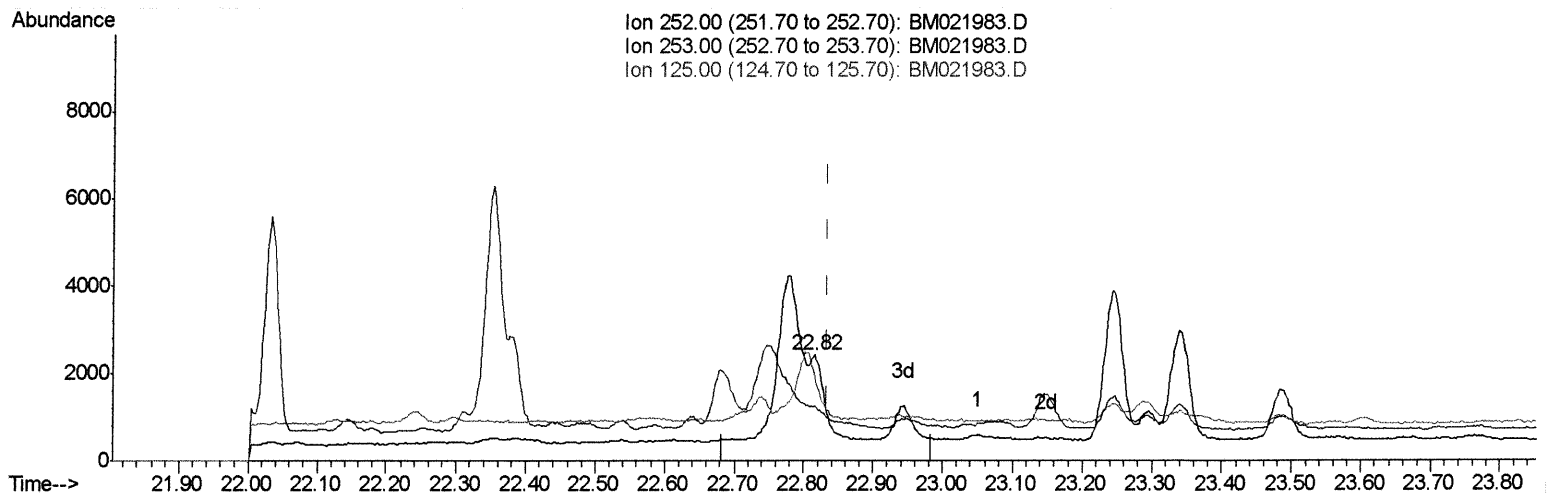
Instrument :
BNA_M
ClientSampleId :
JLLD7

Manual Integrations
APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:26:13 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.815min (-0.019) 0.14ng/ul m

JU 08/12/19

response 2583

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	52.04#
125.00	15.20	81.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

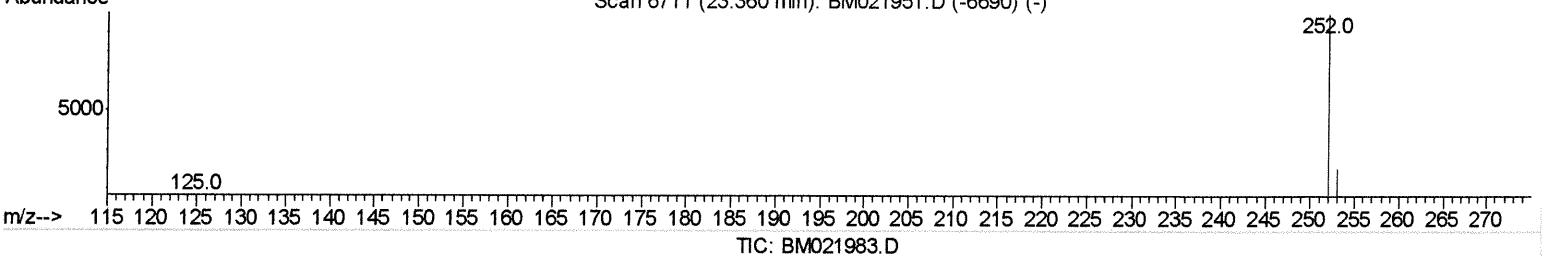
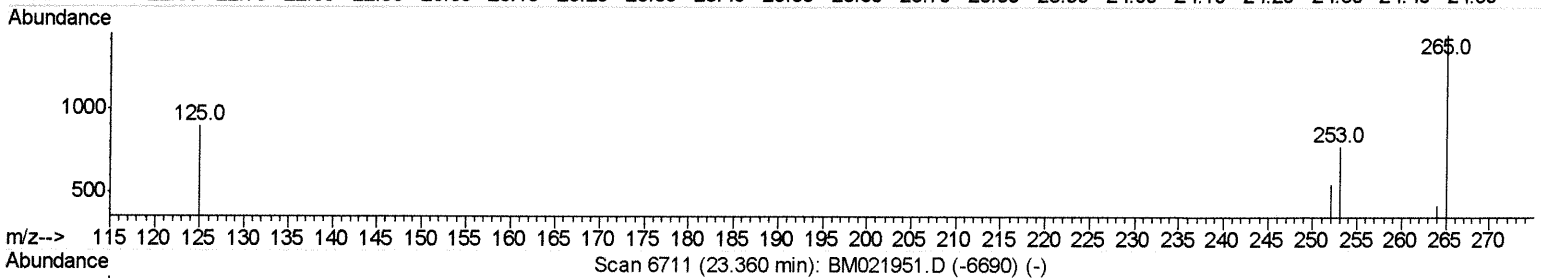
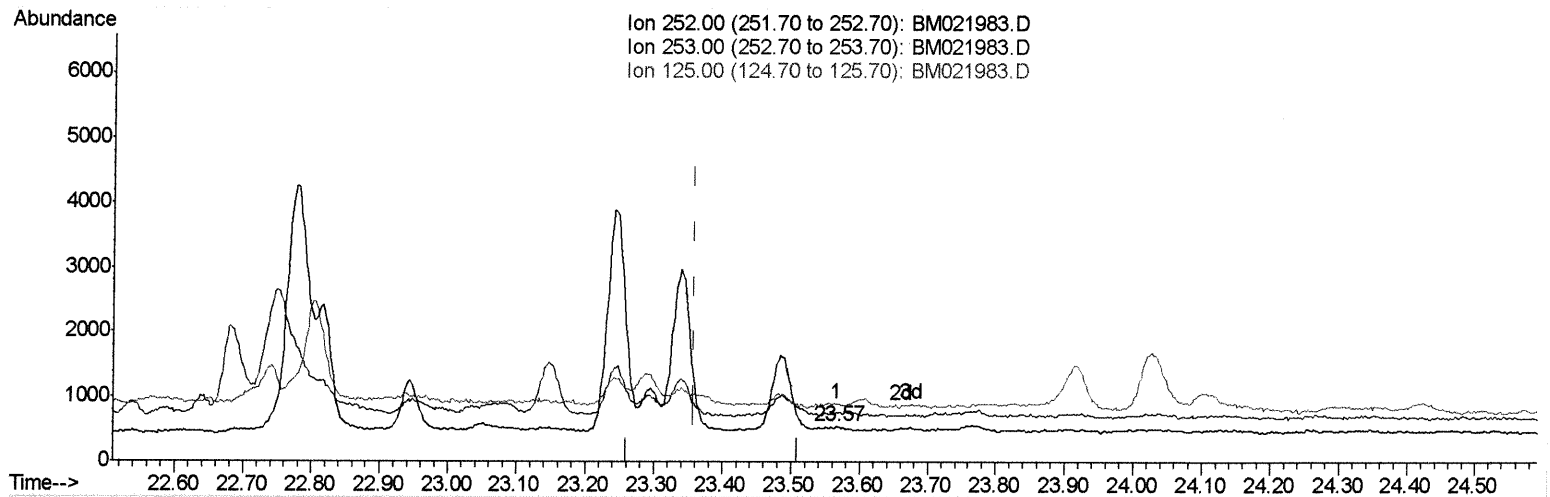
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:26:13 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.566min (+0.206) 0.00ng/ui

response 81

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	139.89#
125.00	18.20	160.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

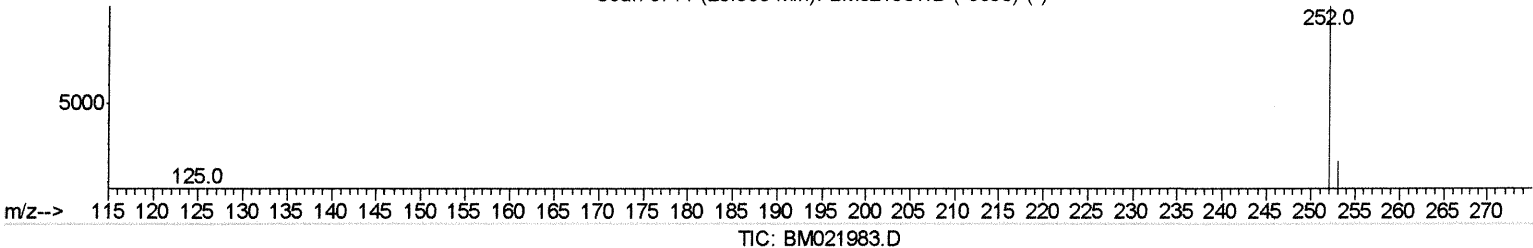
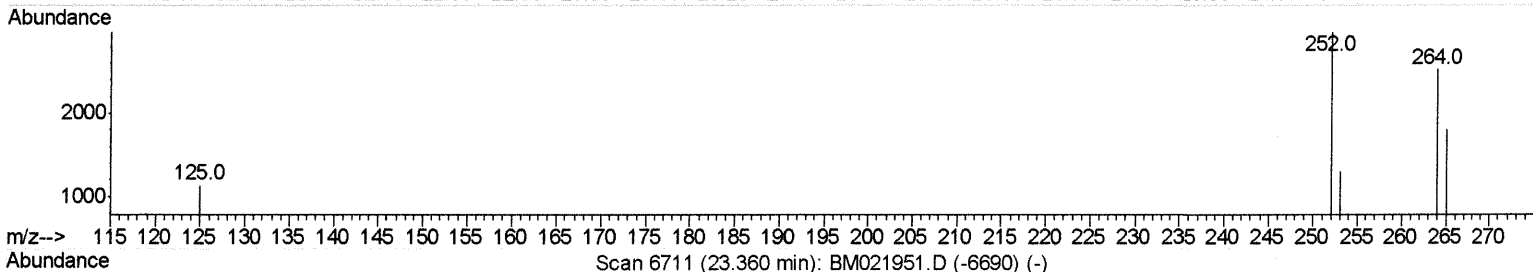
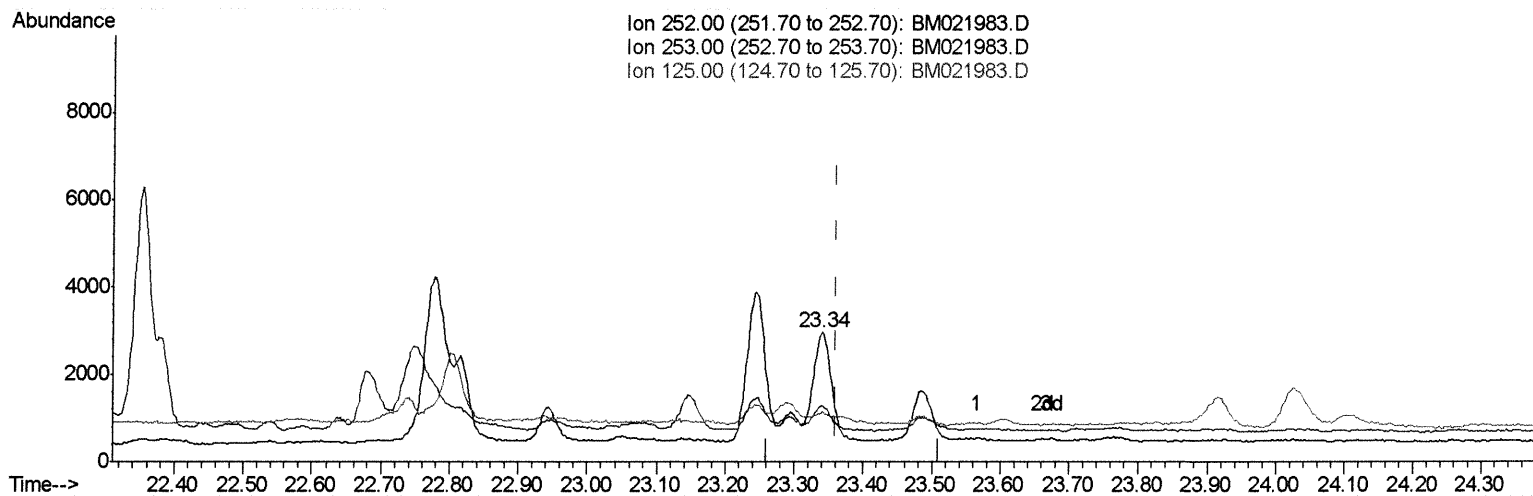
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:26:13 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.339min (-0.022) 0.27ng/ul m *JU 08/12/19*

response 4485

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	43.47
125.00	18.20	38.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

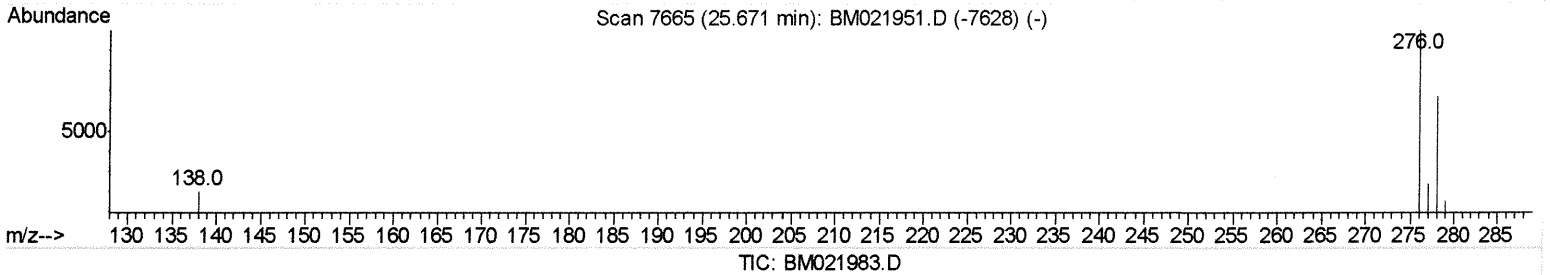
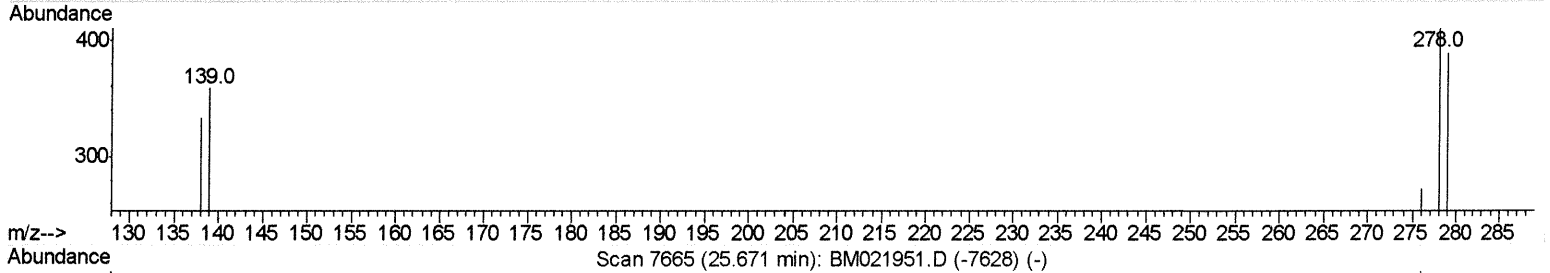
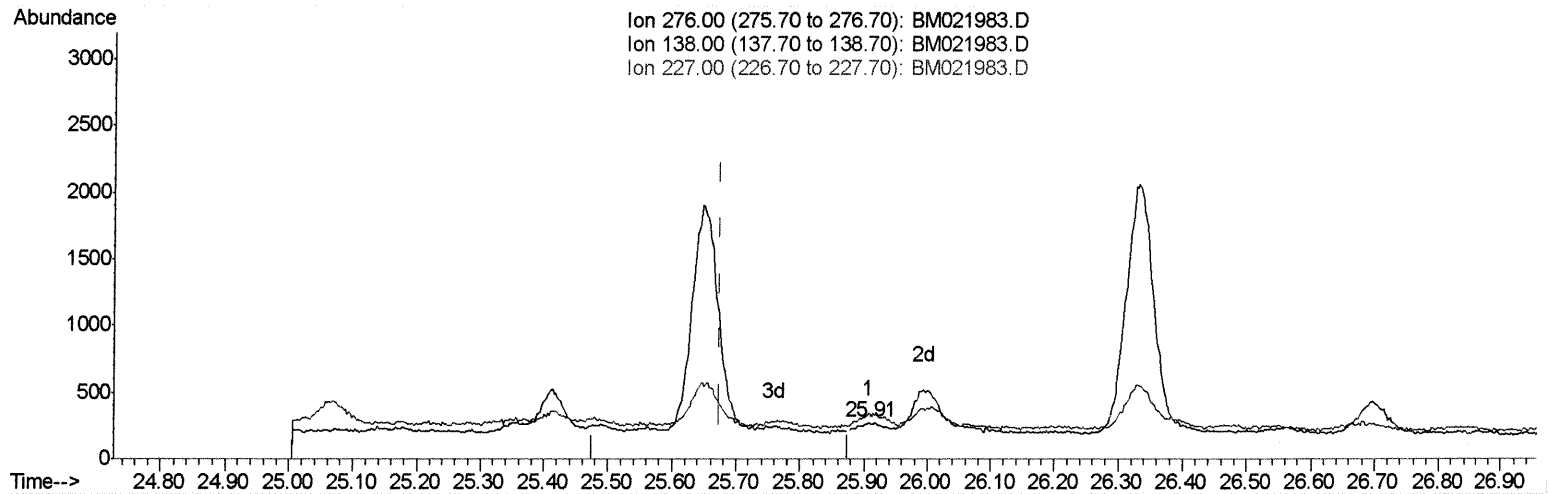
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:26:13 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



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

25.907min (+0.230) 0.01ng/ul

response 179

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	179.89#
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 : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

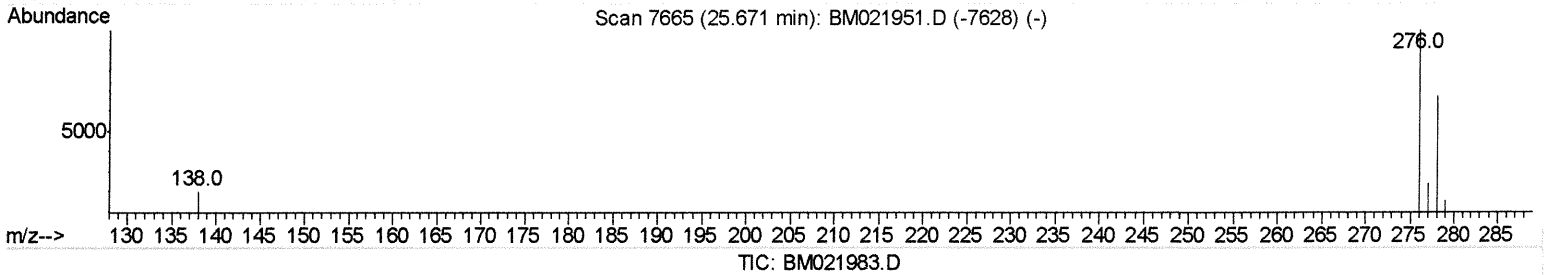
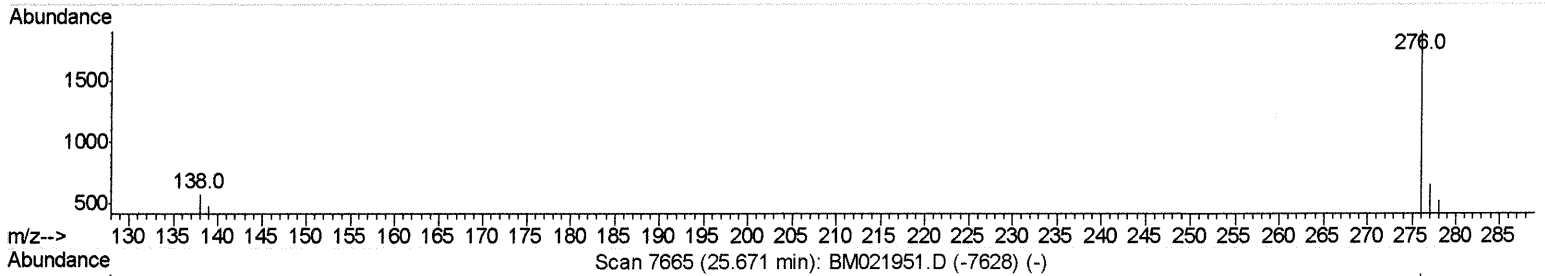
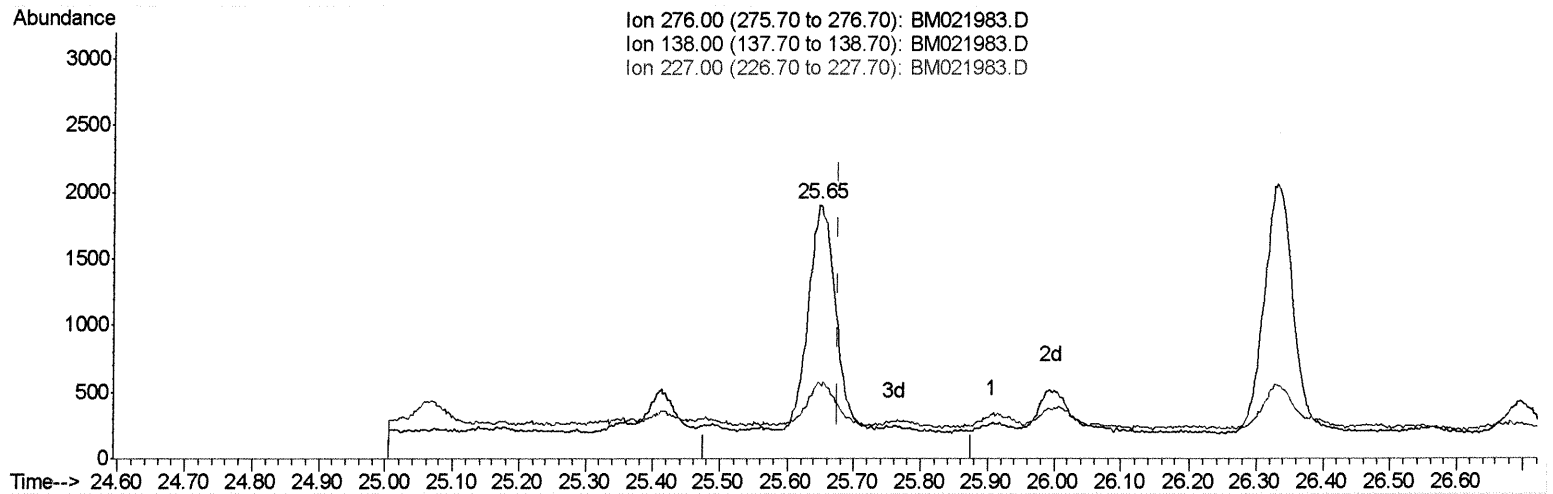
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:26:13 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



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

25.648min (-0.029) 0.24ng/ul m

JU
08/12/19

response 4775

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	6.74#
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 : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

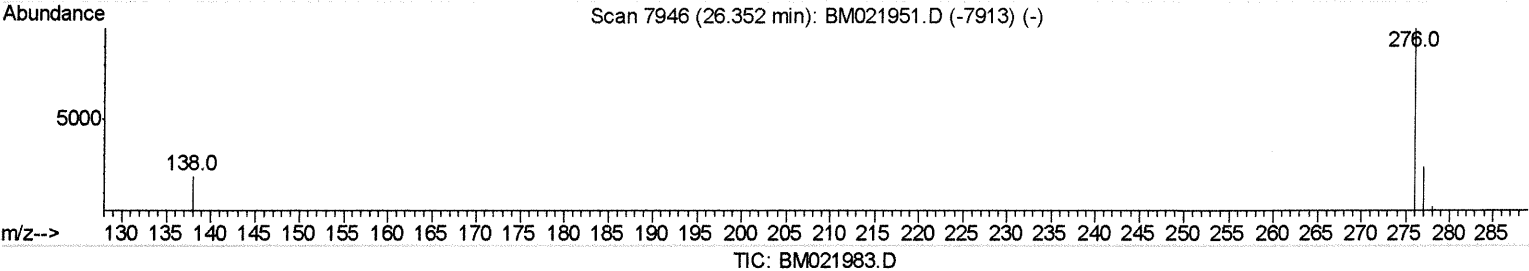
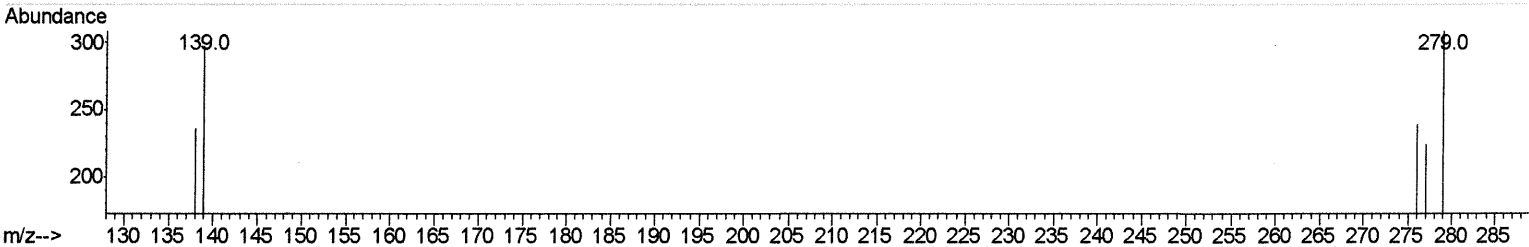
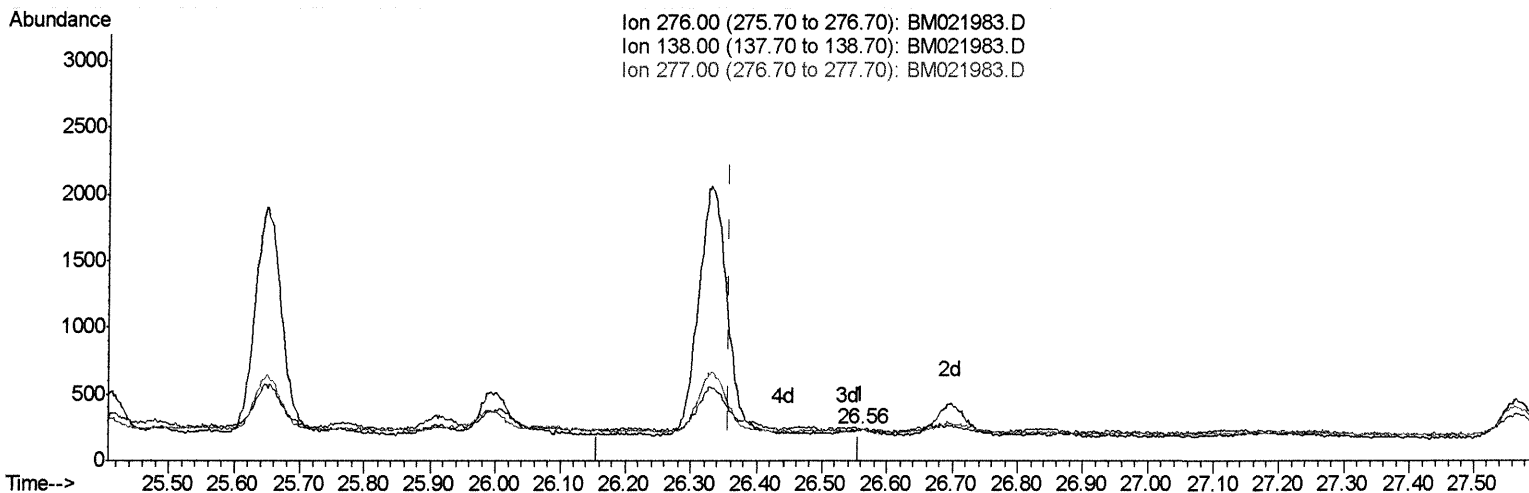
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:26:13 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



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

26.559min (+0.201) 0.00ng/ul

response 46

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	98.74#
277.00	26.80	93.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

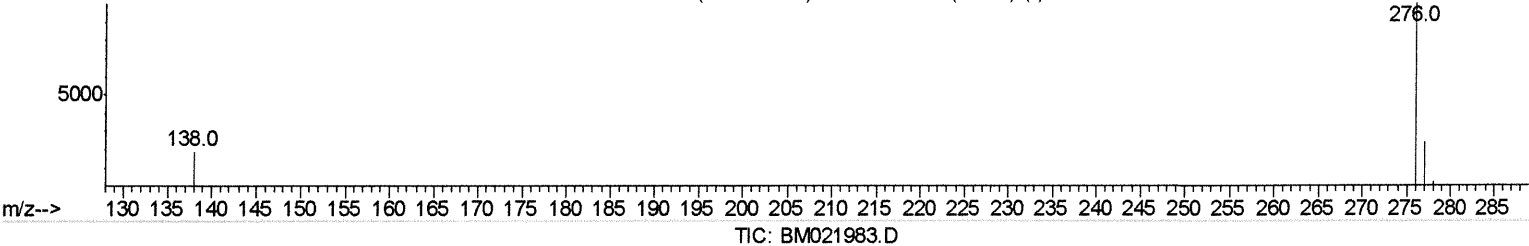
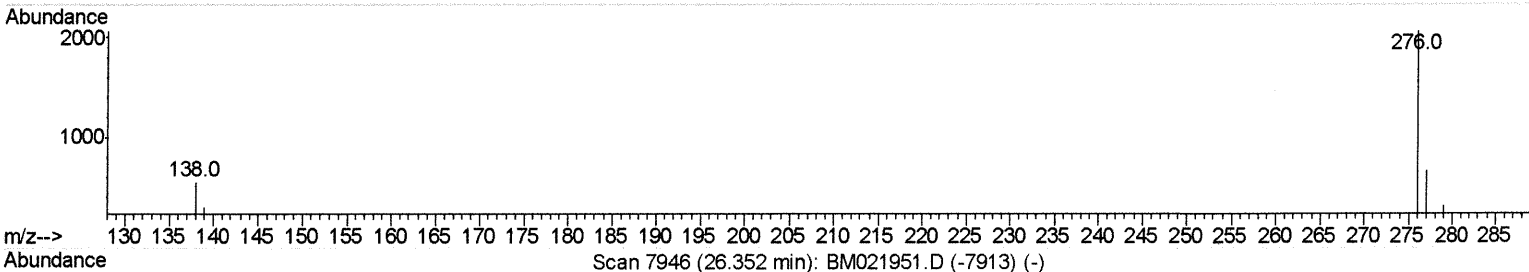
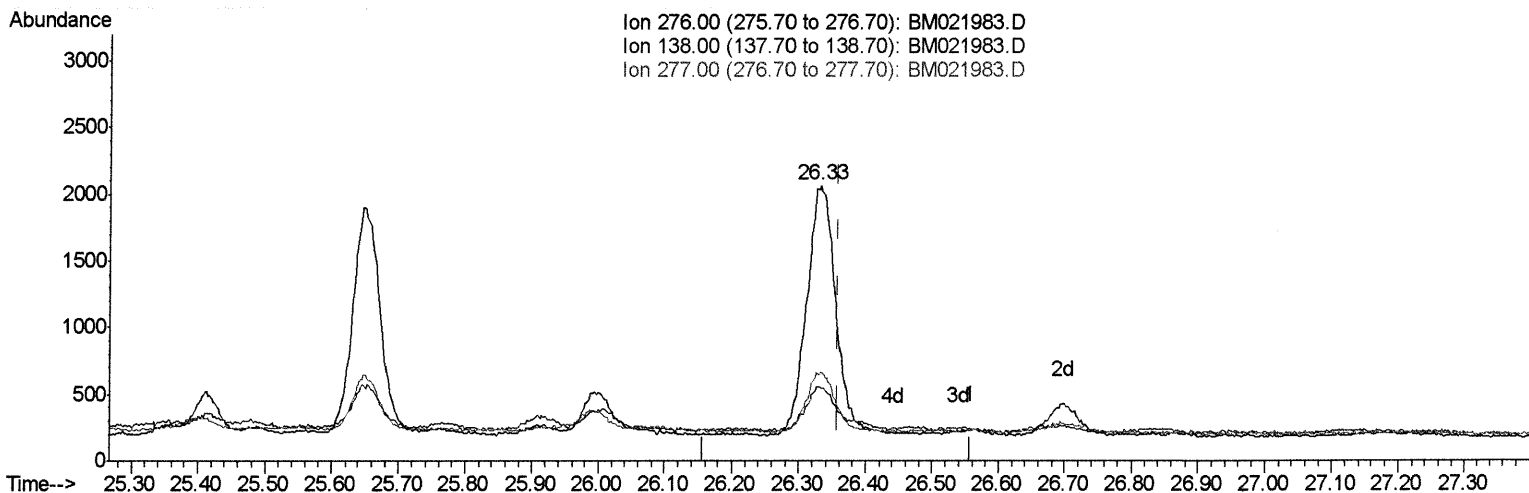
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:26:13 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



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

26.331min (-0.026) 0.32ng/ul m *JU 08/12/19*

response 5675

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	26.96#
277.00	26.80	32.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021983.D
Acq On : 09 Aug 2019 23:31
Operator : HP/JU
Sample : K4116-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLD7

Manual Integrations
APPROVED

Sohil

8/13/2019 8:33:57 AM

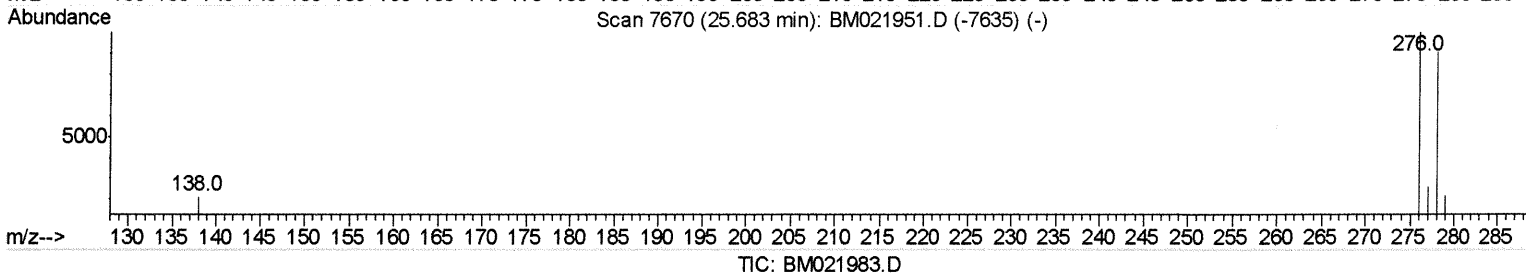
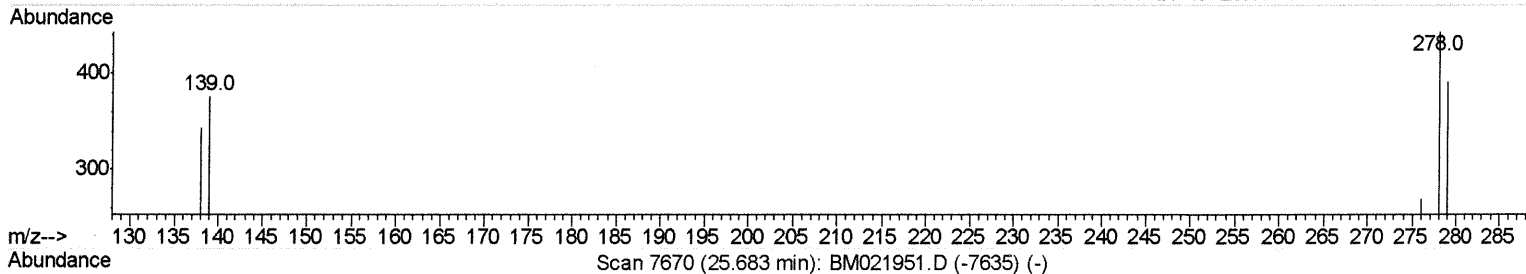
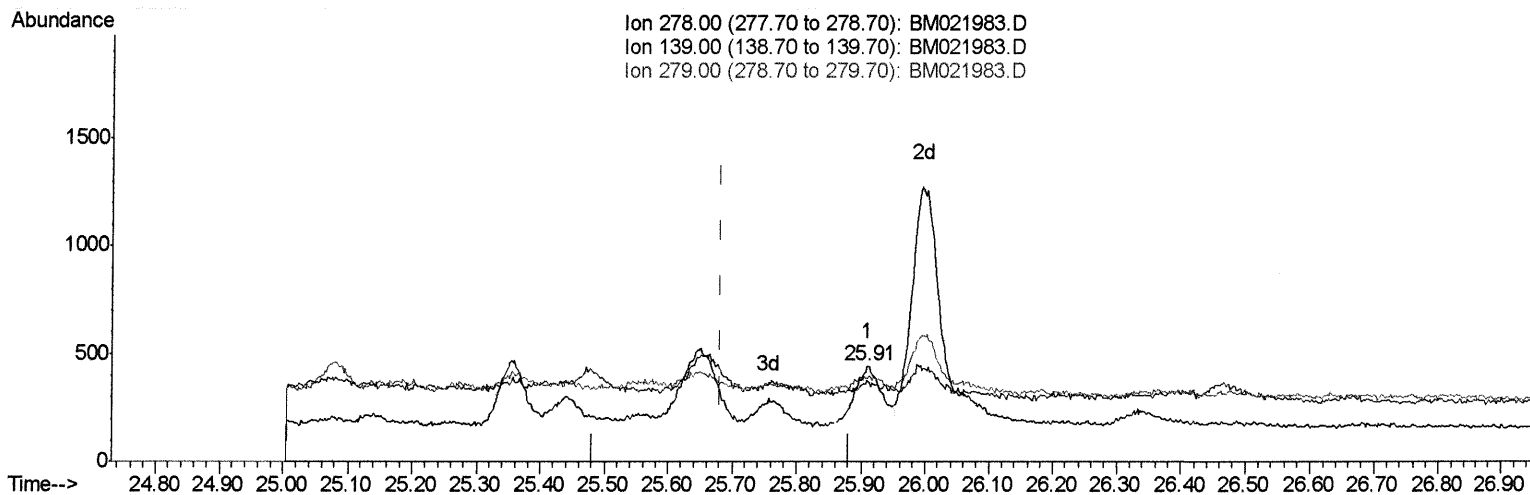
Quant Time: Aug 10 07:29:14 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 09 01:29:50 2019

Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.909min (+0.228) 0.04ng/ul

response 714

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	84.88#
279.00	35.40	88.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

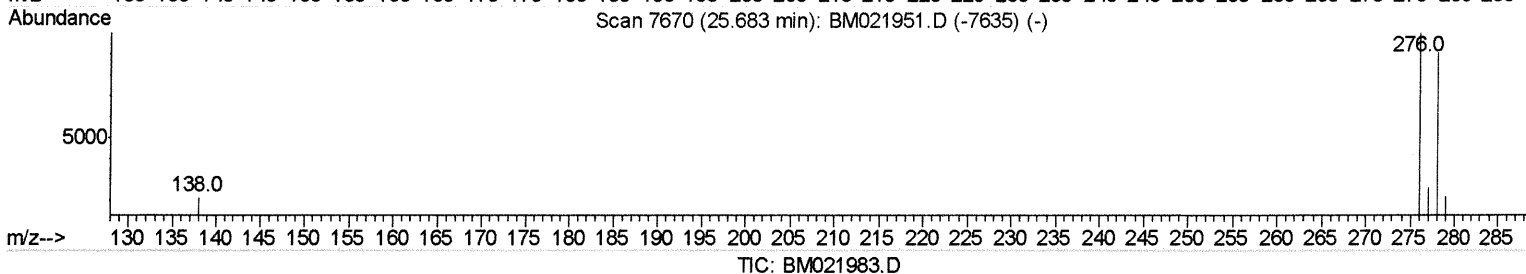
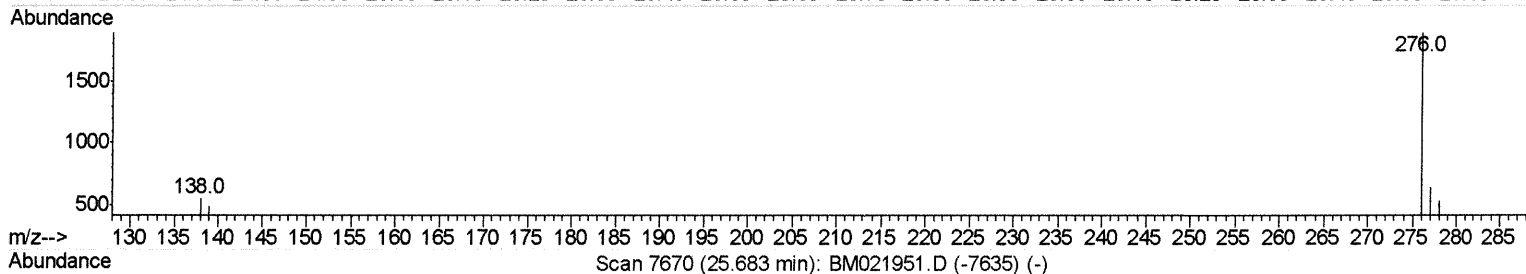
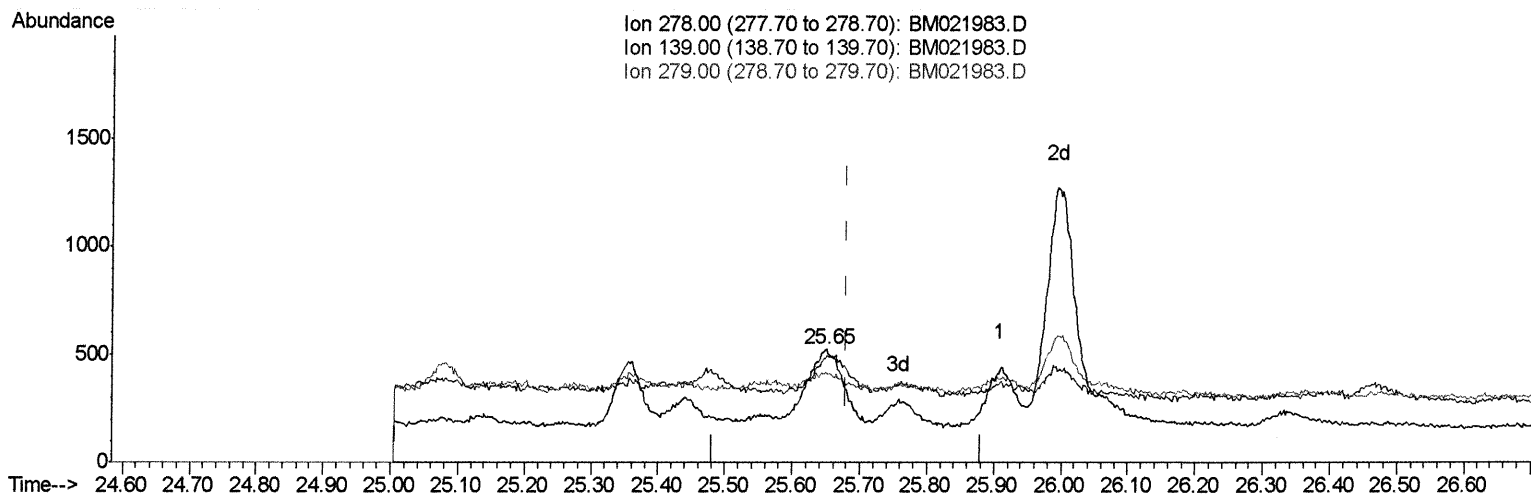
Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:29:14 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.650min (-0.031) 0.08ng/ul m

JU 08/12/19

response 1214

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	93.16#
279.00	35.40	79.66#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021983.D
 Acq On : 09 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4116-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLD7

Manual Integrations
 APPROVED

Sohil

8/13/2019 8:33:57 AM

Quant Time: Aug 10 07:29:55 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 : Fri Aug 09 01:29:50 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	878	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	3672	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1920	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	4316m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4479m →	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4871m →	0.40	ng/ul	-0.02

JU
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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	1023	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2614m →	0.18	ng/ul	-0.02

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Target Compounds

					Ovalue	
7) Acenaphthylene	13.99	152	607	0.068	ng/ul#	77
12) Phenanthrene	17.07	178	1602	0.128	ng/ul	94
13) Anthracene	17.16	178	1308m →	0.122	ng/ul	
15) Fluoranthene	19.09	202	7171m →	0.426	ng/ul	
17) Pyrene	19.45	202	7072m →	0.384	ng/ul	
18) Benzo(a)anthracene	21.21	228	3815m →	0.238	ng/ul	
19) Chrysene	21.26	228	4508m →	0.219	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	8802m →	0.536	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2583m →	0.139	ng/ul	
23) Benzo(a)pyrene	23.34	252	4485m →	0.268	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	4775m →	0.239	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	1214m →	0.075	ng/ul	
26) Benzo(a,h,i)perylene	26.33	276	5675m →	0.316	ng/ul	

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08/12/19

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