

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (QT Reviewed)

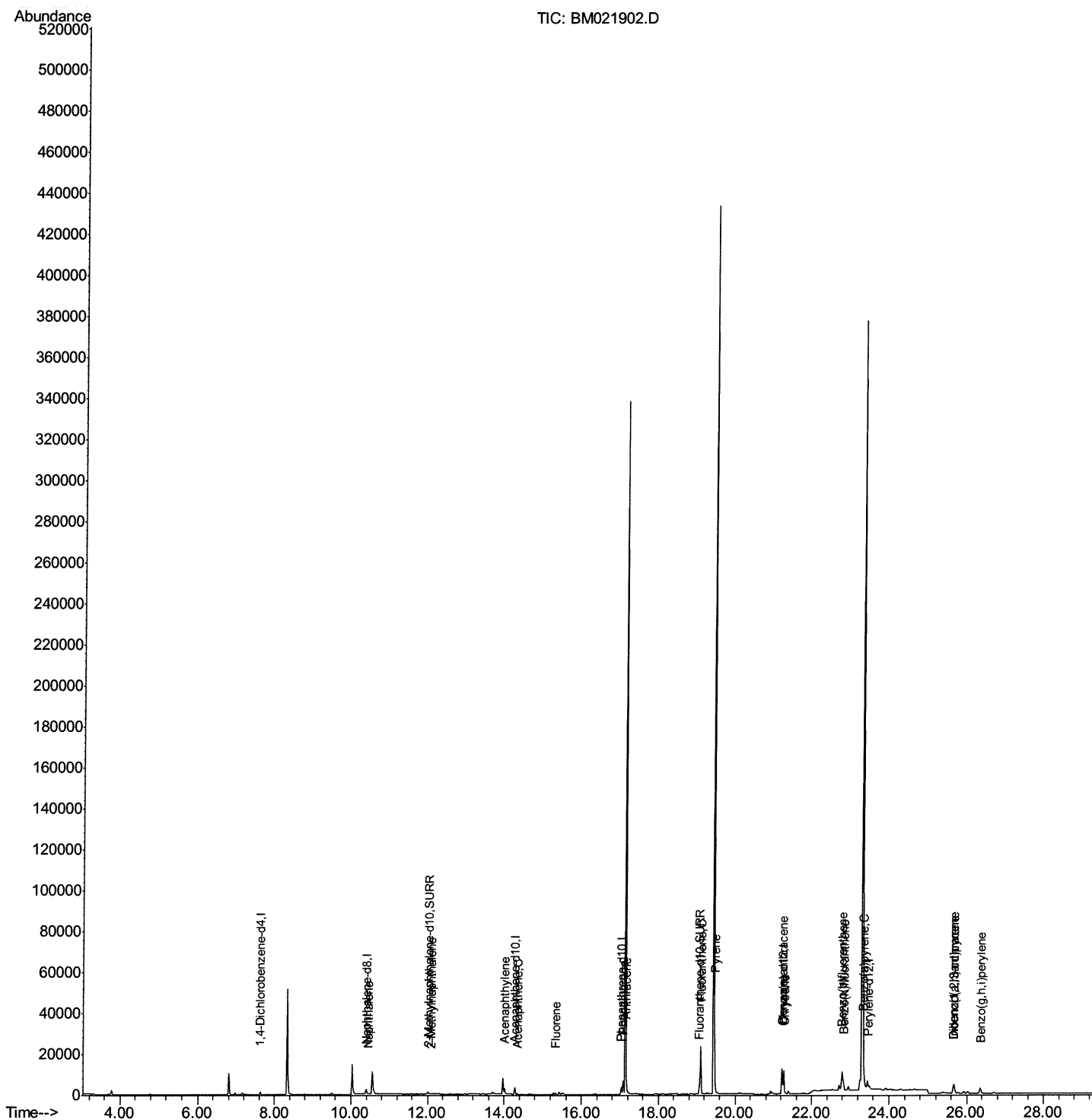
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:59:39 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

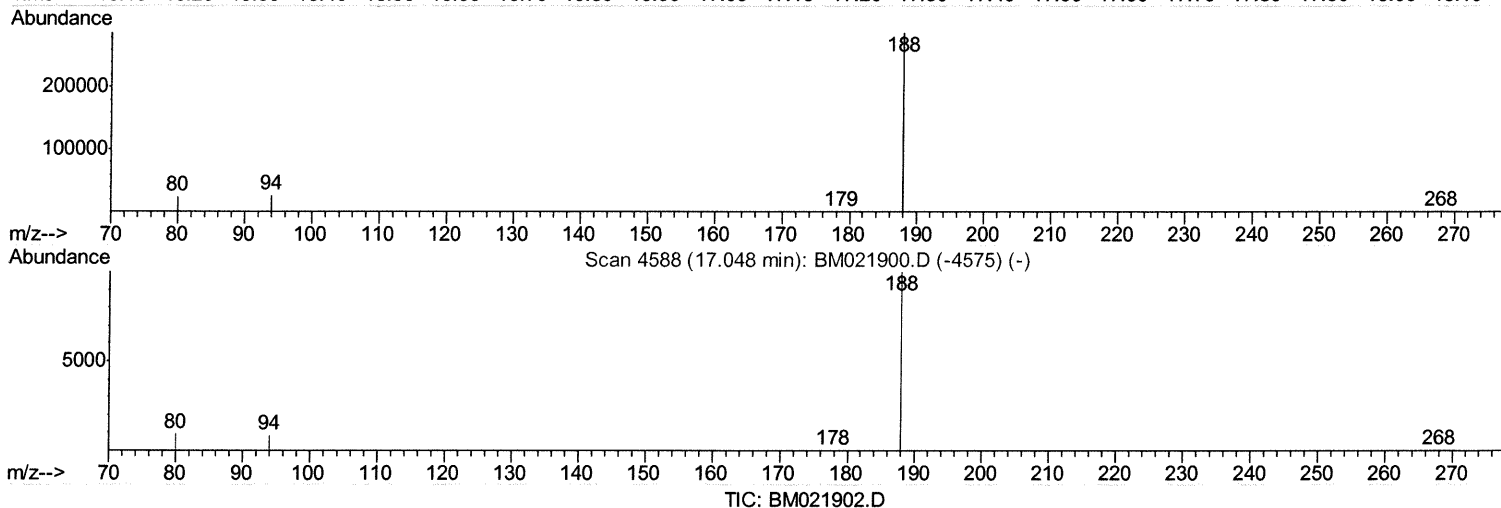
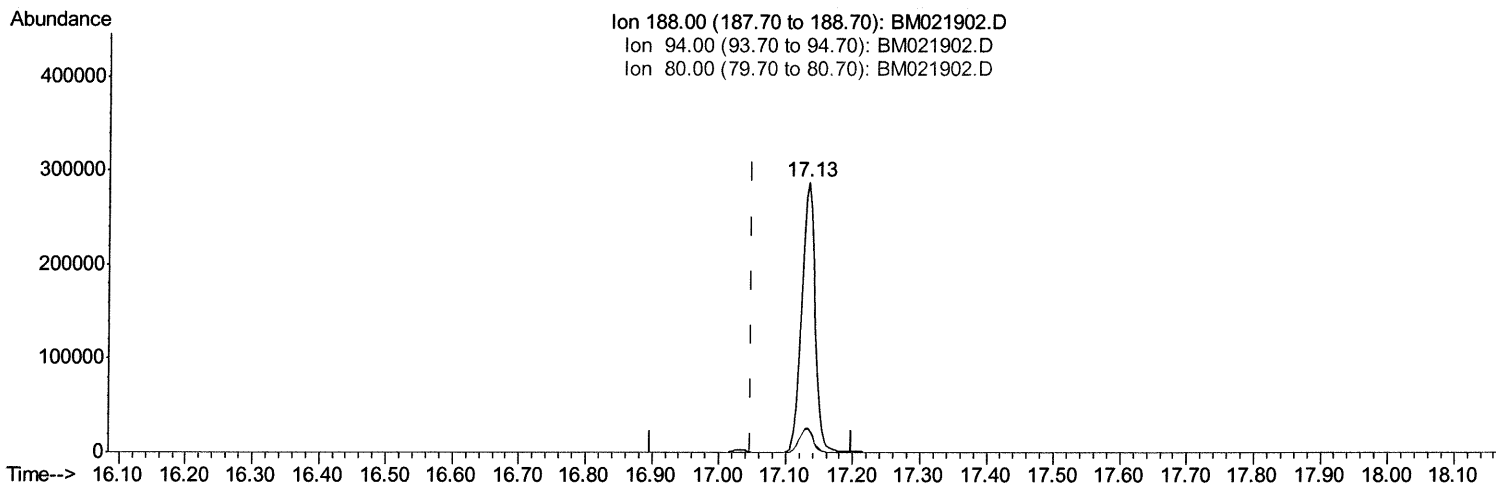
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:42:15 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.133min (+0.085) 0.40ng/ul

response 395318

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.03
80.00	11.40	8.59#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

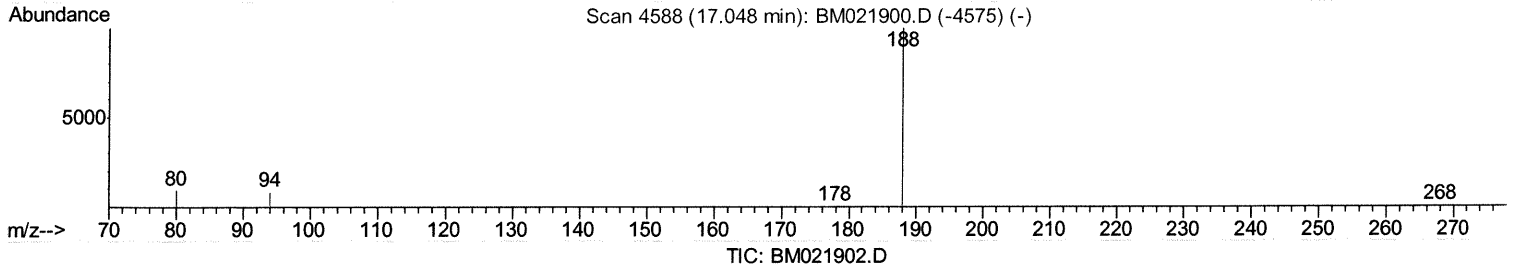
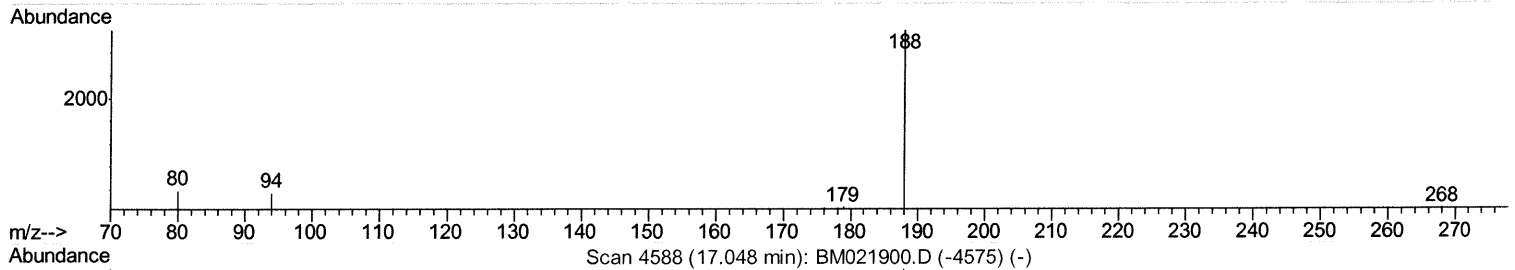
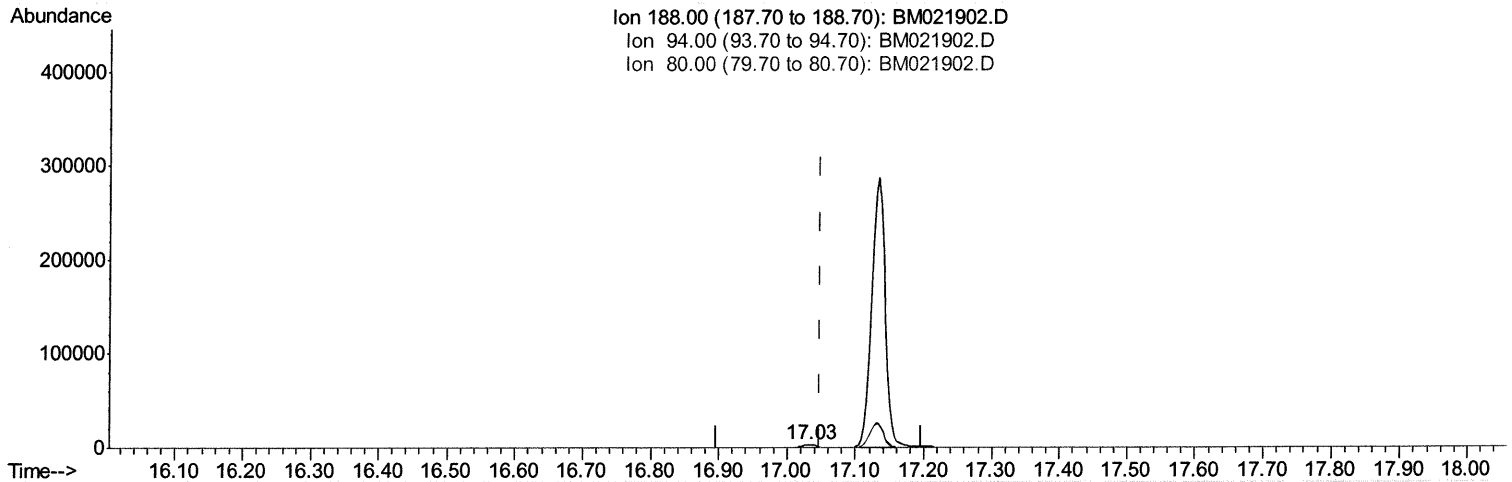
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:42:15 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.032min (-0.016) 0.40ng/ul m *JU 08/08/19*

response 4558

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.61
80.00	11.40	11.95
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

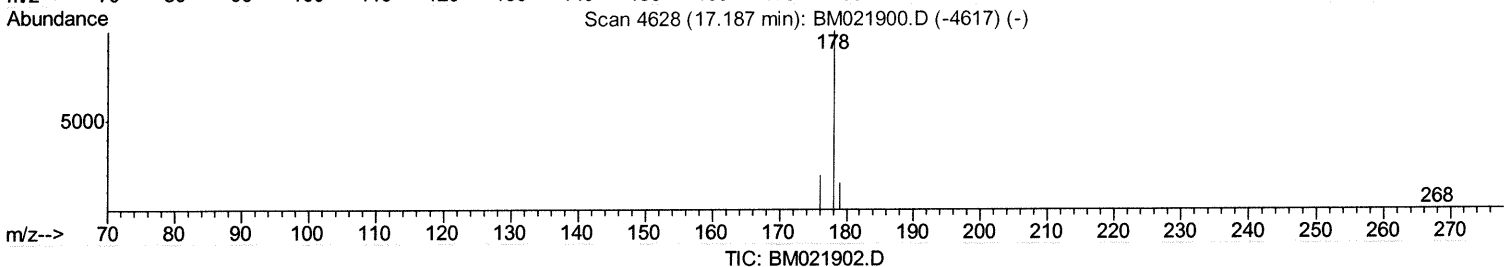
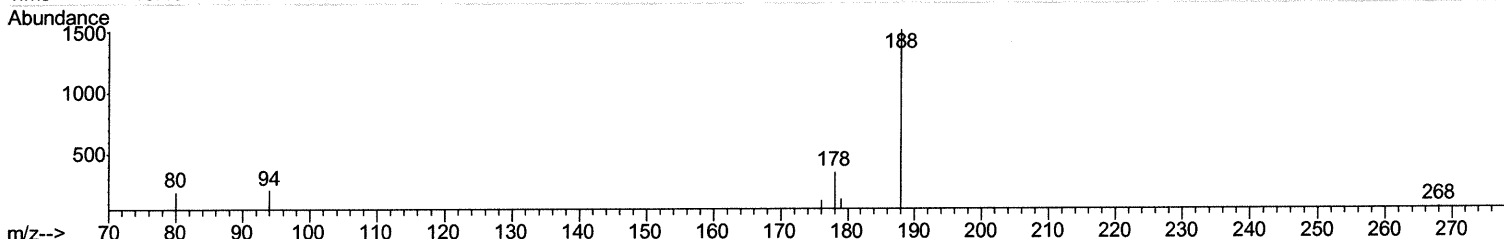
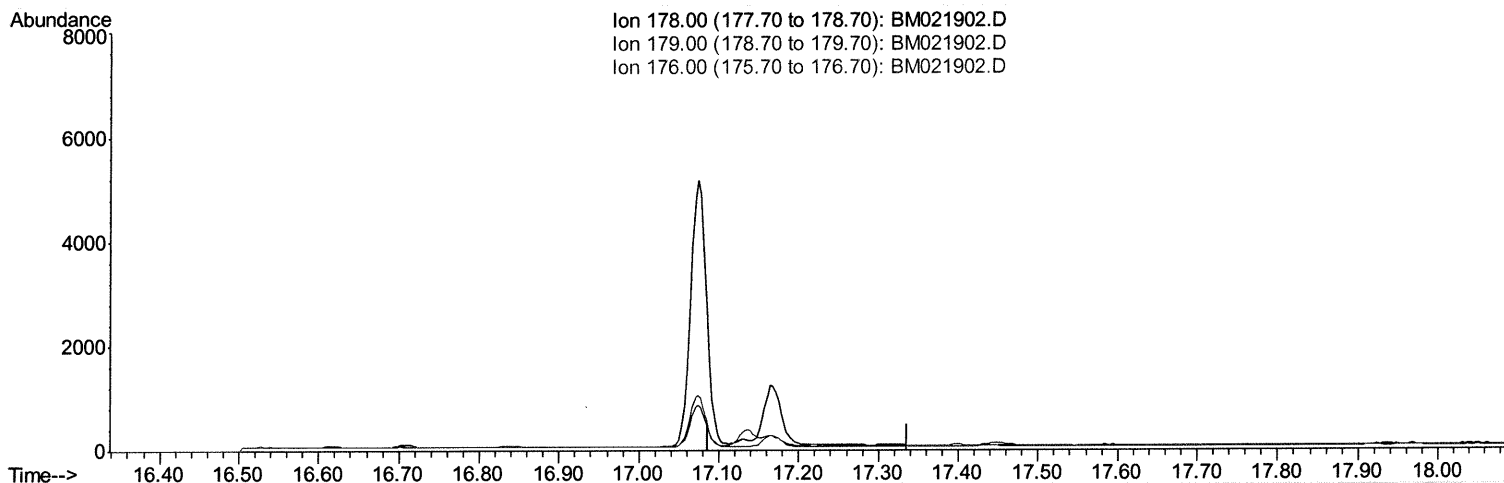
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:52:05 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(13) Anthracene

17.187min (-17.187) 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

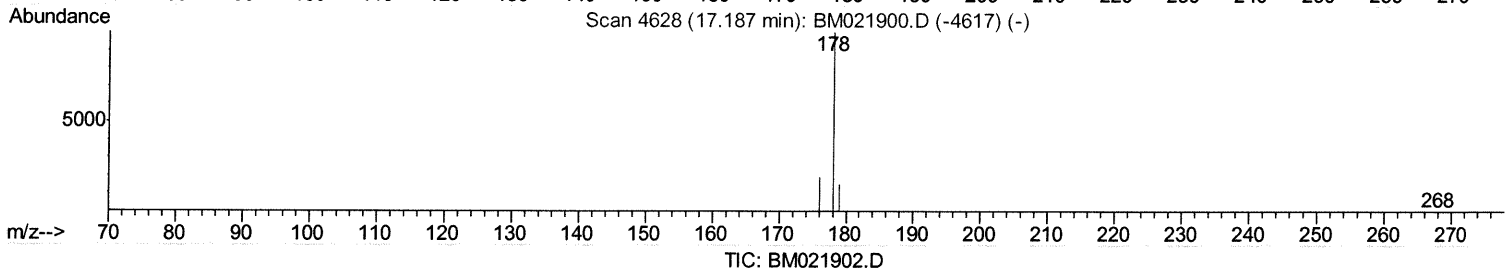
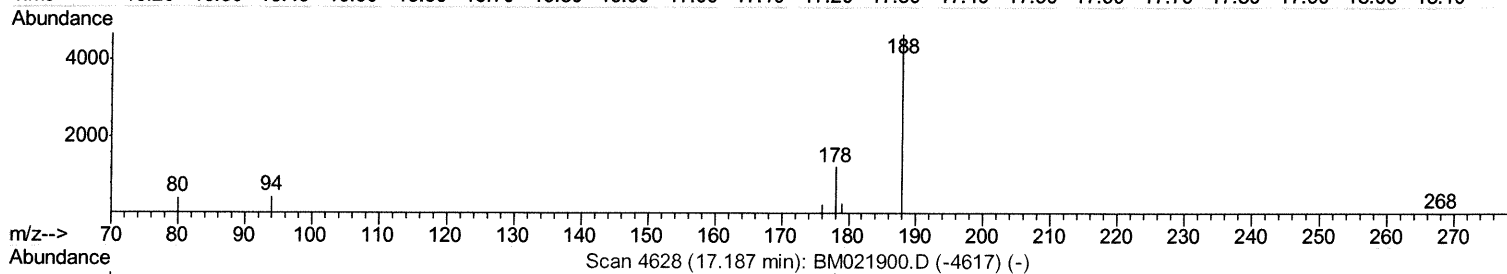
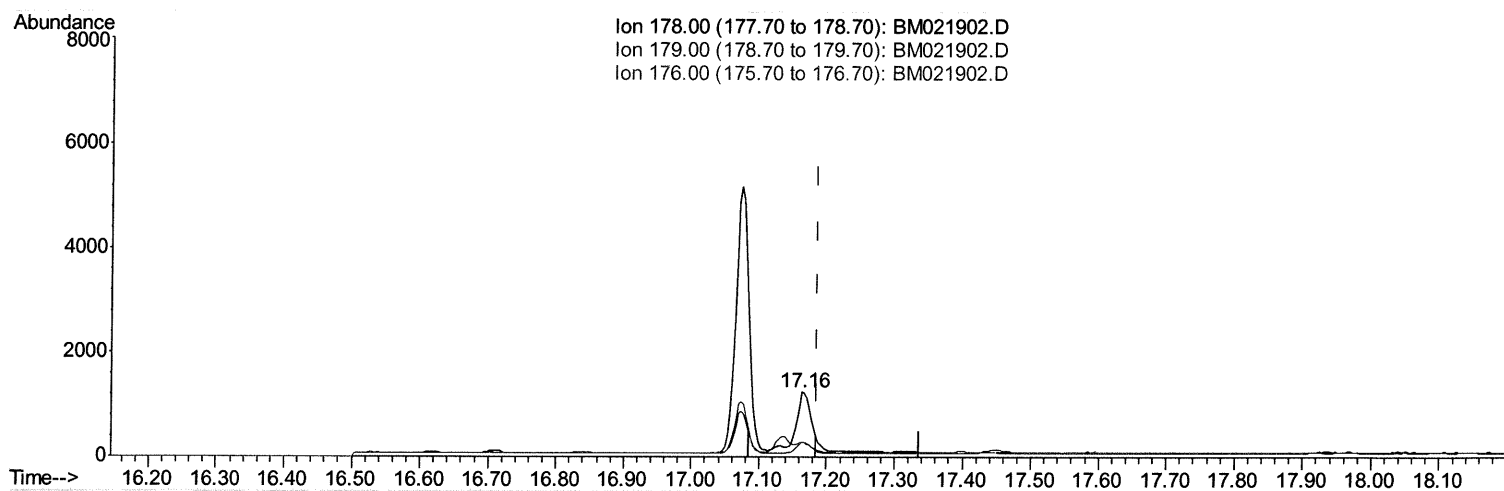
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:52:05 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(13) Anthracene

17.164min (-0.023) 0.16ng/ul m *JU 08/08/19*

response 1818

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	23.75#
176.00	20.80	22.46
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

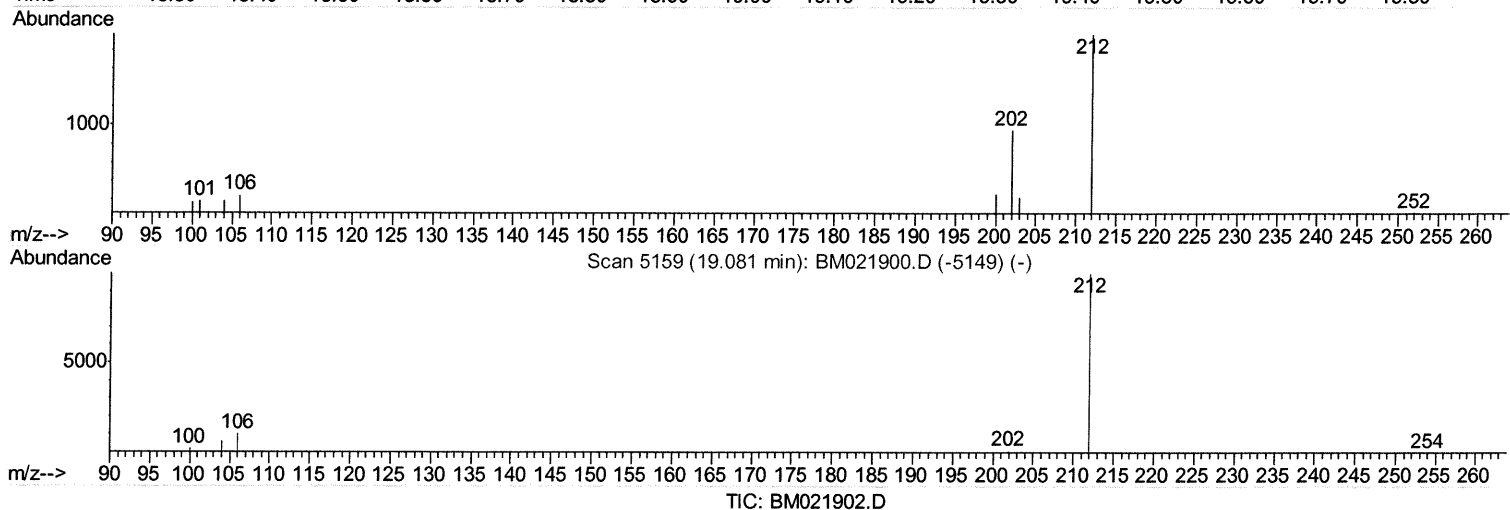
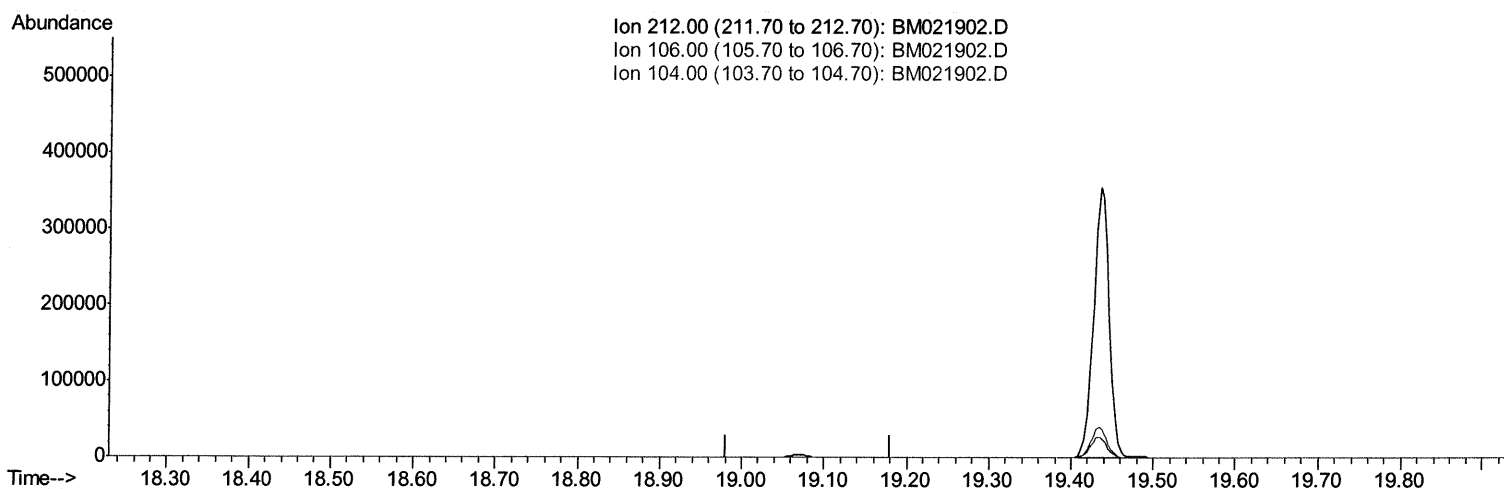
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:52:05 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.081min (-19.081) 0.00ng/ul

response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

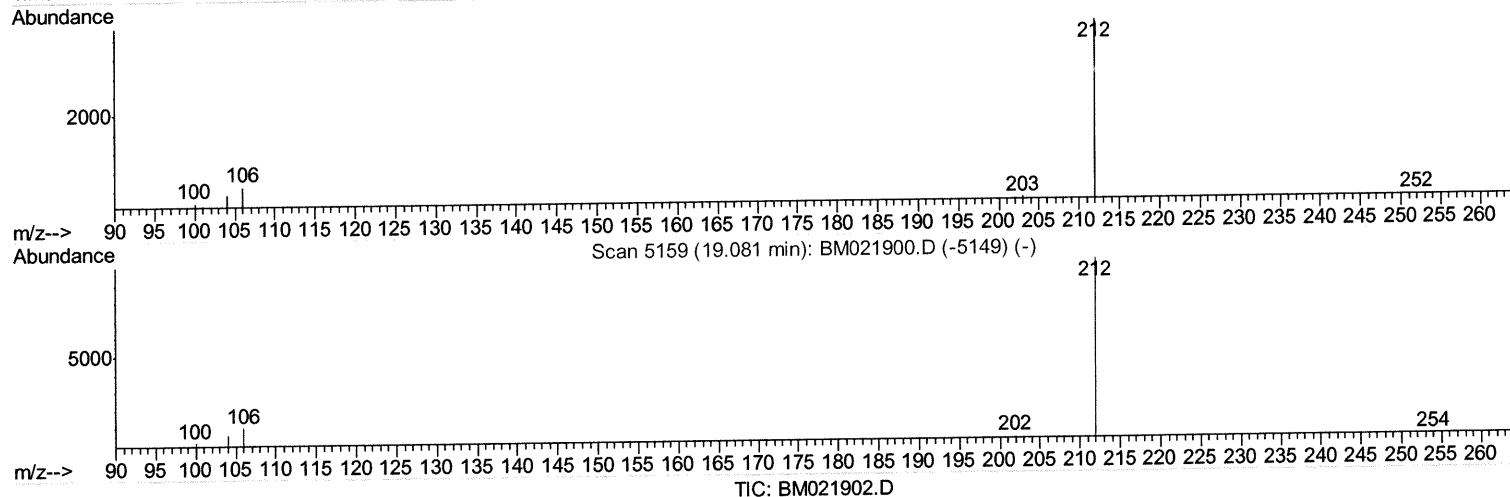
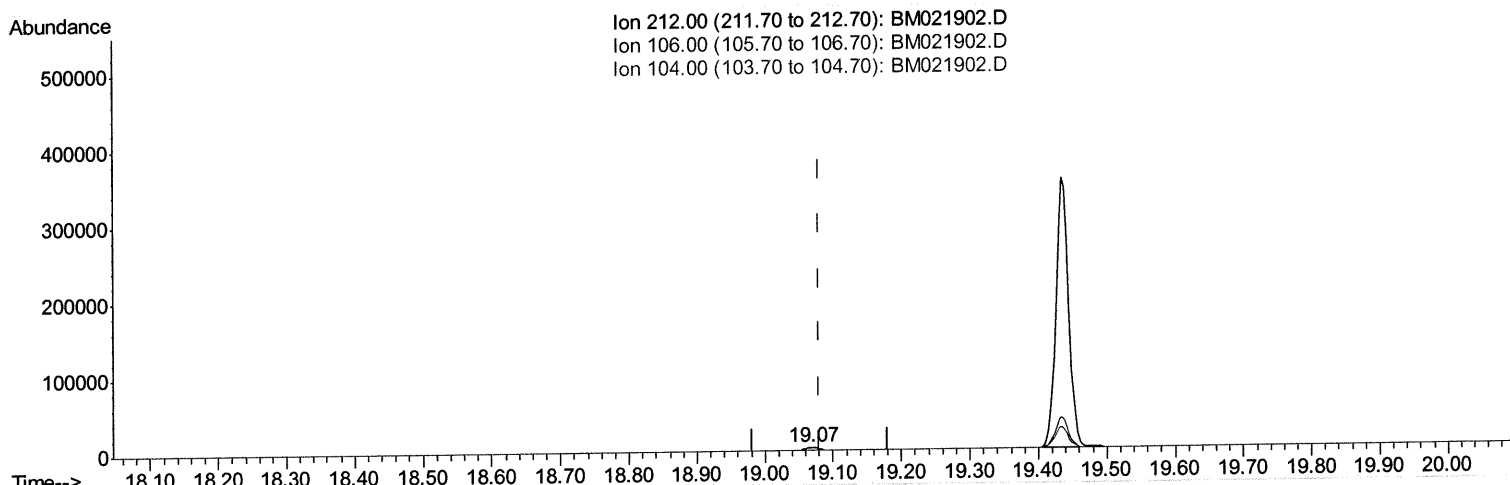
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:52:05 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.068min (-0.013) 0.33ng/ul m

JU
08/08/19

response 5115

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

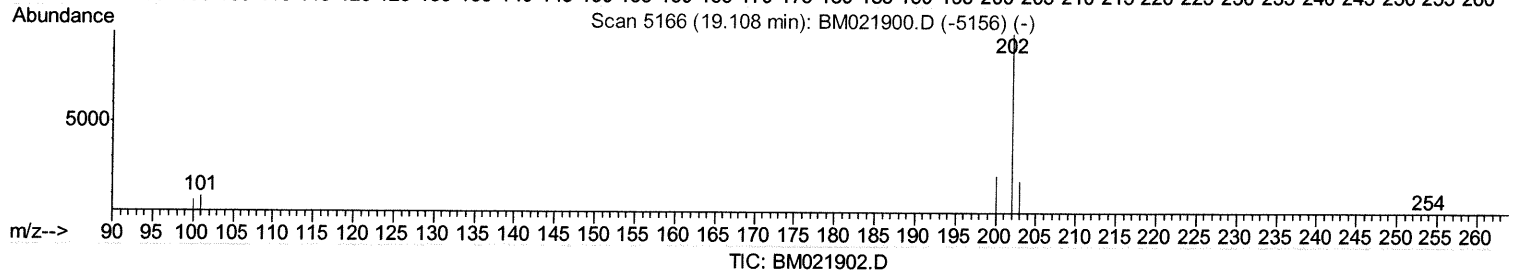
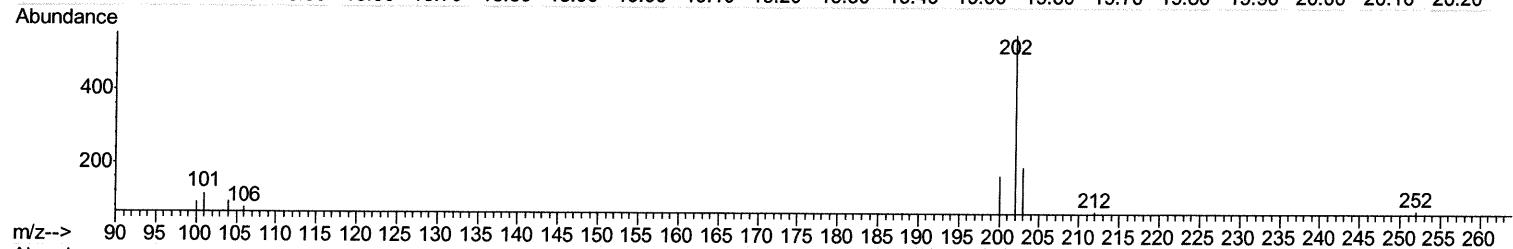
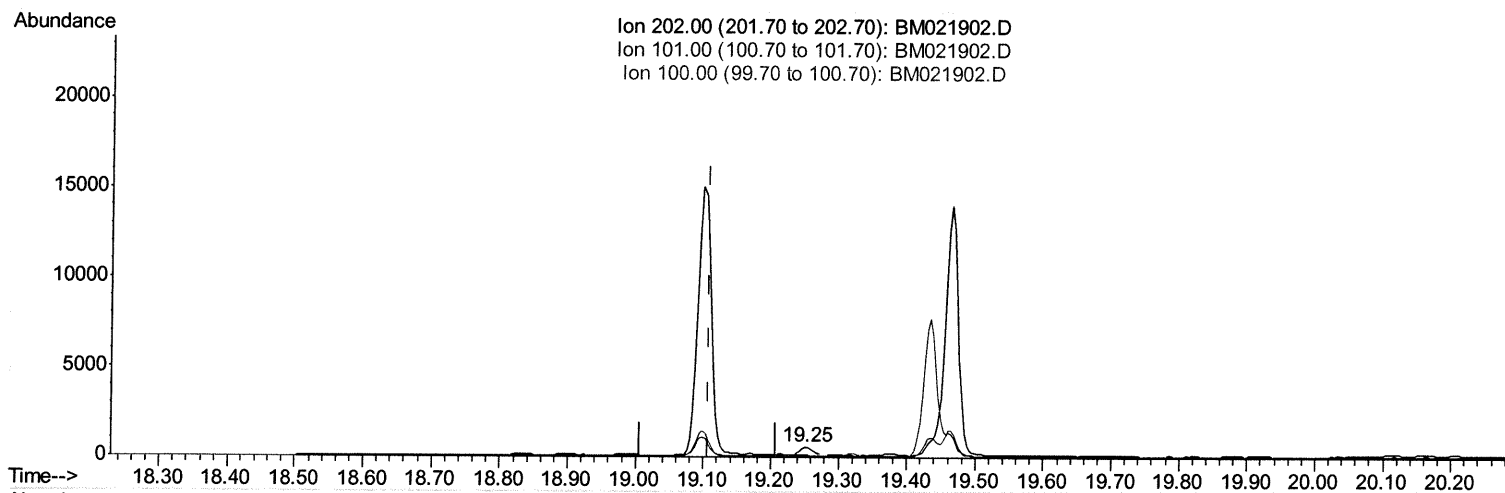
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:52:05 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.251min (+0.143) 0.03ng/ul

response 609

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	20.72
100.00	8.10	16.22
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

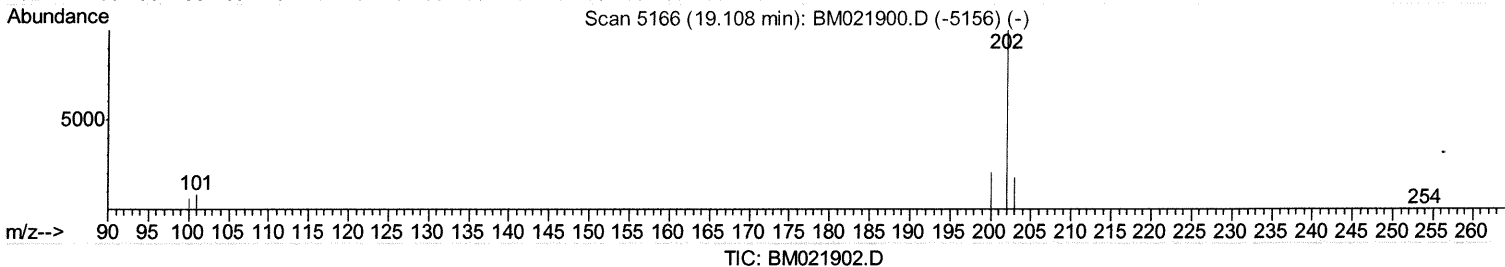
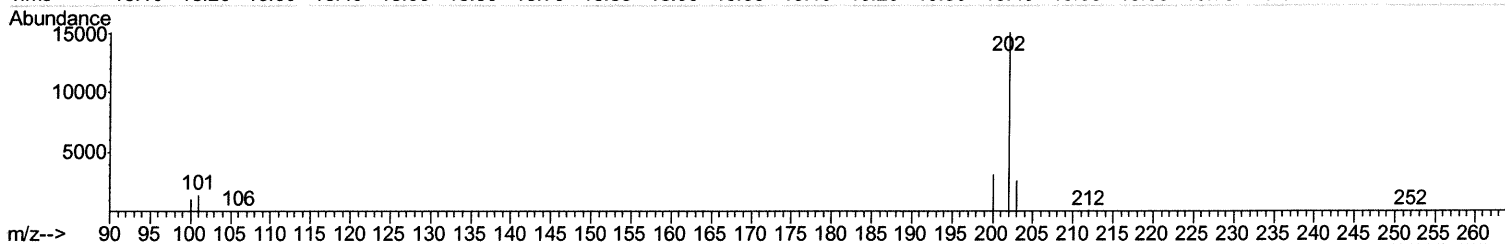
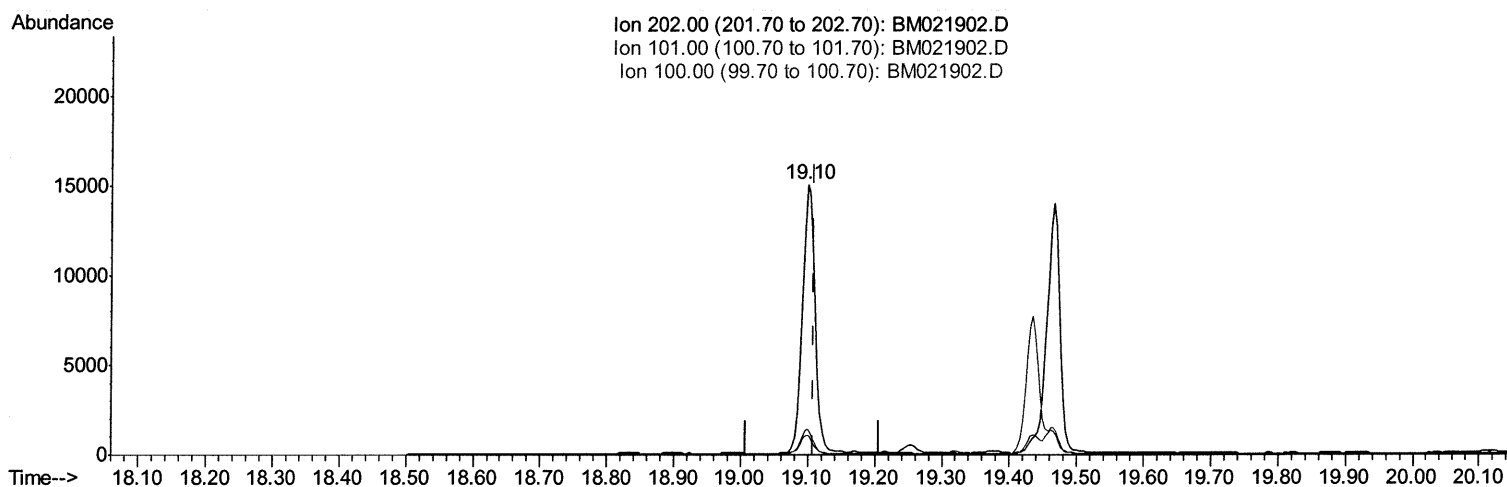
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:52:05 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.098min (-0.009) 1.14ng/ul m *JU 08/08/19*

response 20289

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.57
100.00	8.10	7.42
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

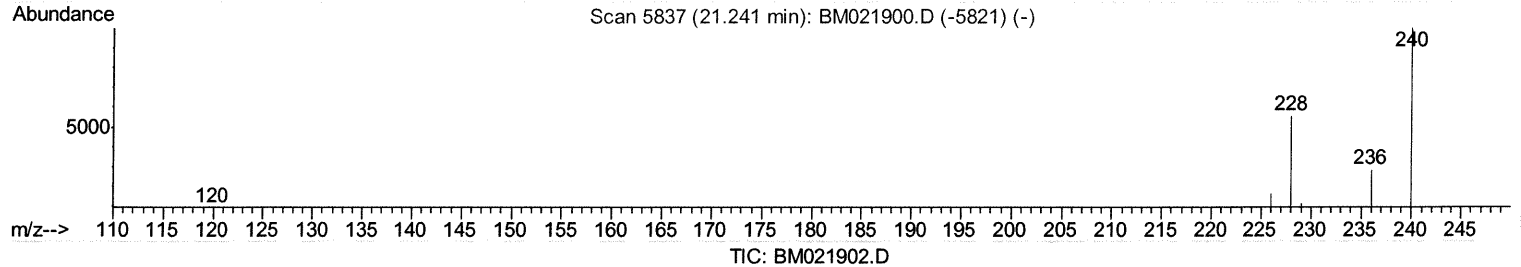
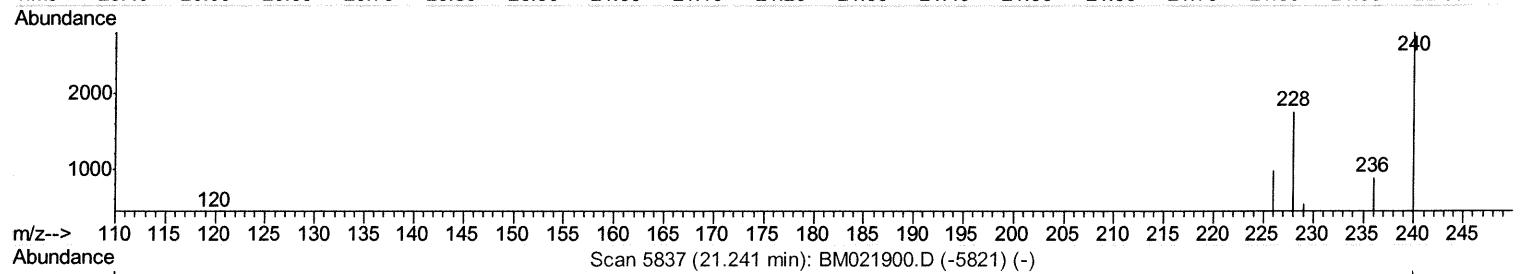
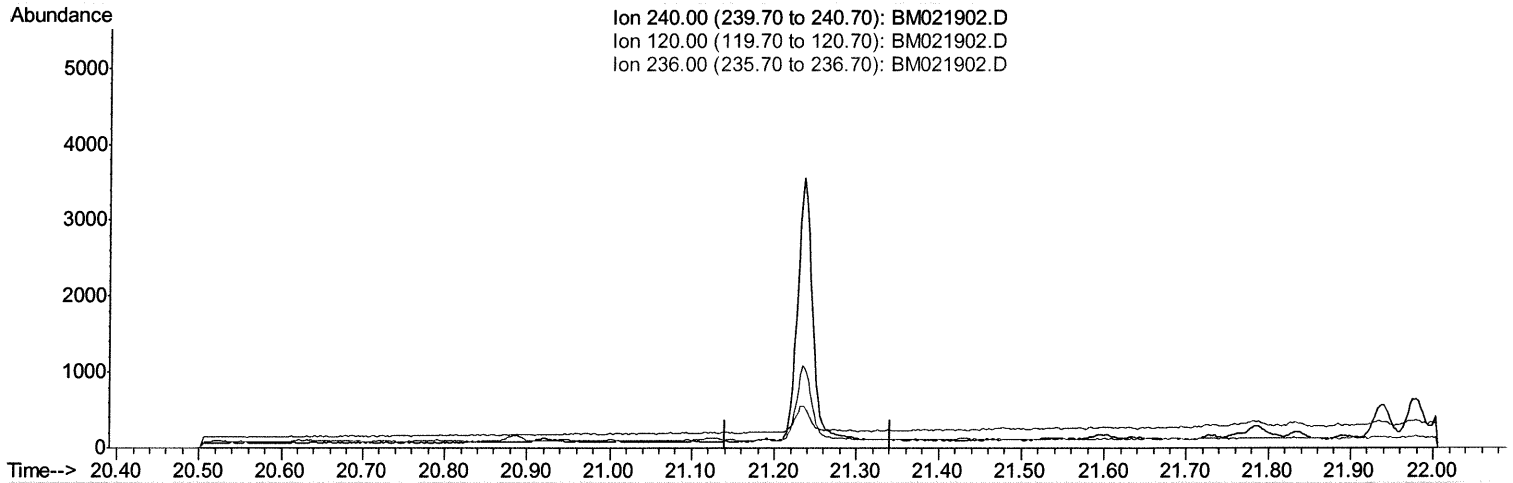
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:52:05 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.241min (-21.241) 0.00ng/ul

response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

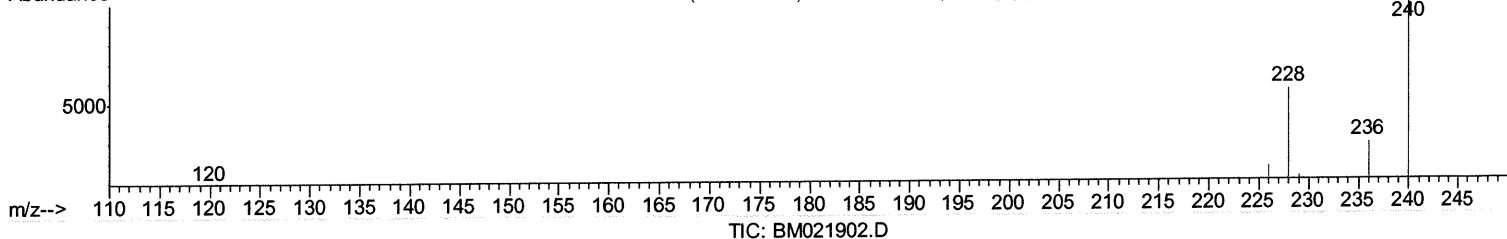
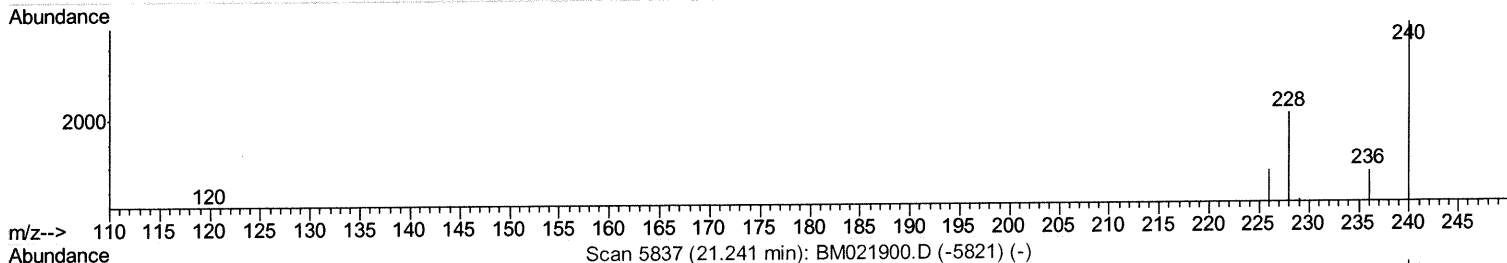
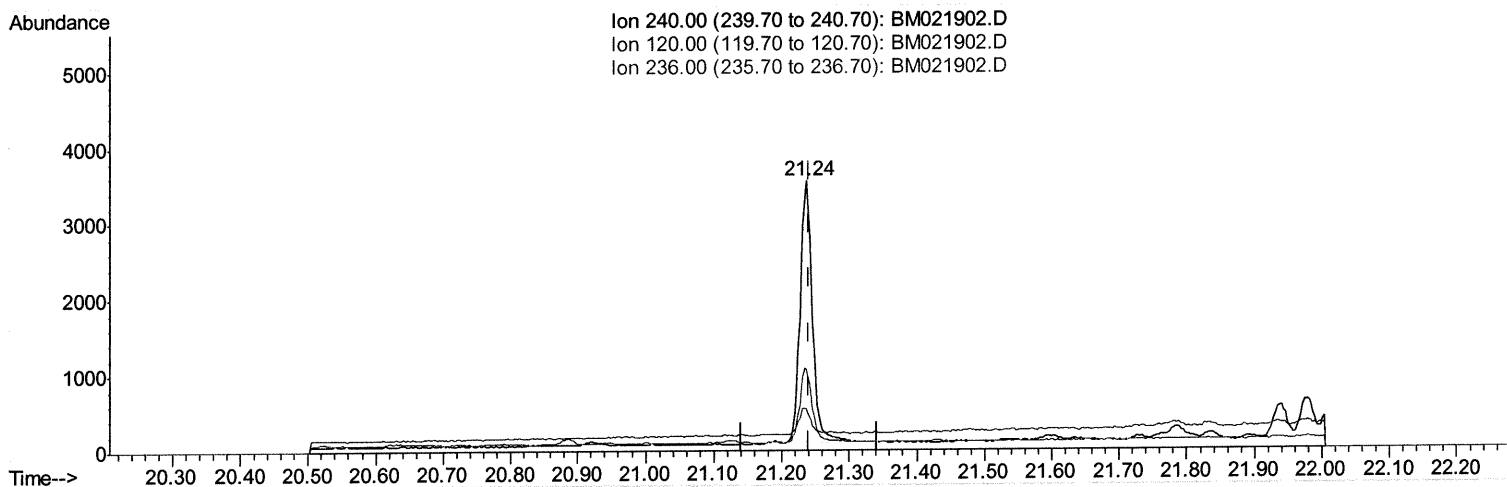
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:52:05 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.236min (-0.005) 0.40ng/ul m *JU 08/08/19*

response 4338

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.33
236.00	32.30	30.09
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

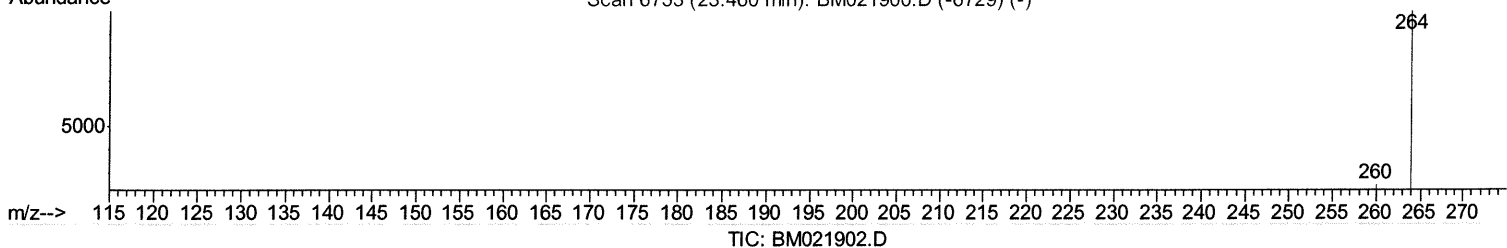
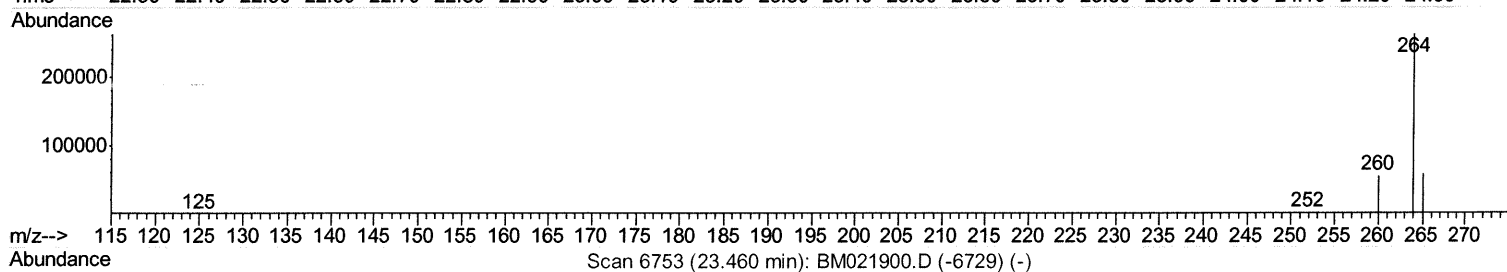
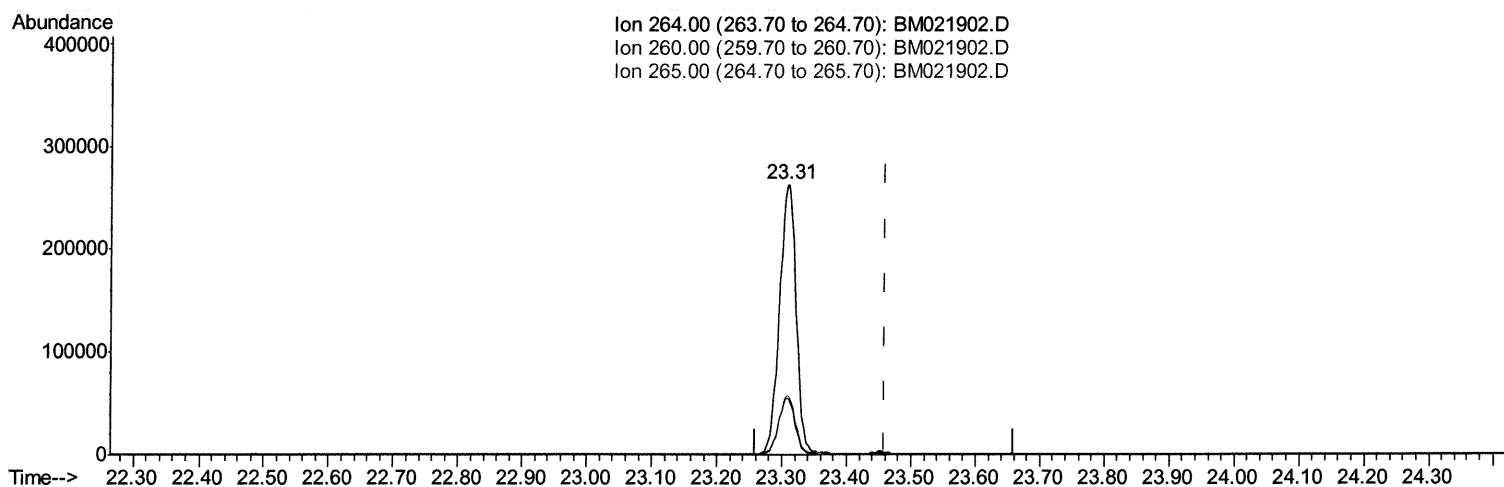
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:30 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.309min (-0.151) 0.40ng/ul

response 466275

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	21.00#
265.00	117.00	21.86#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

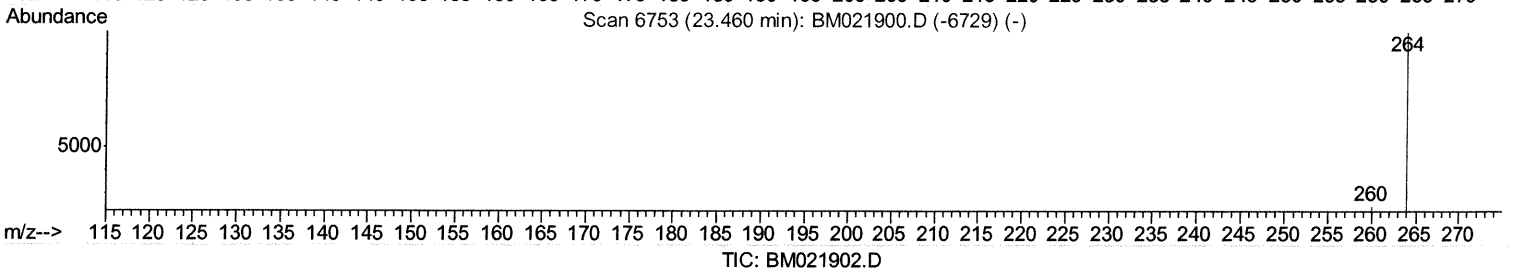
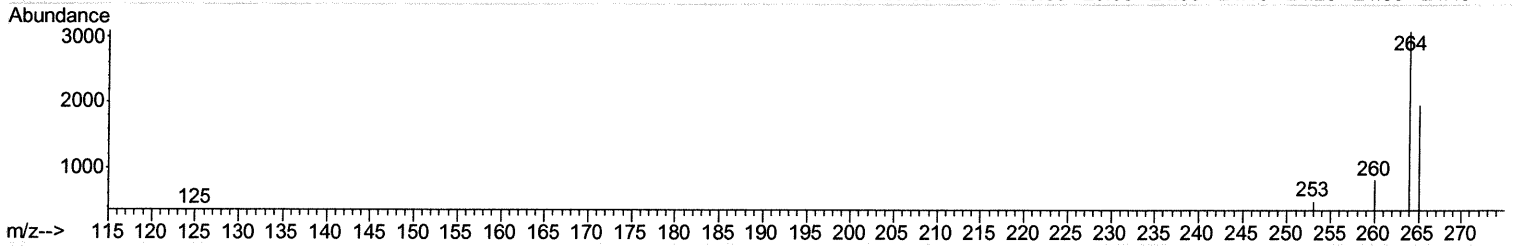
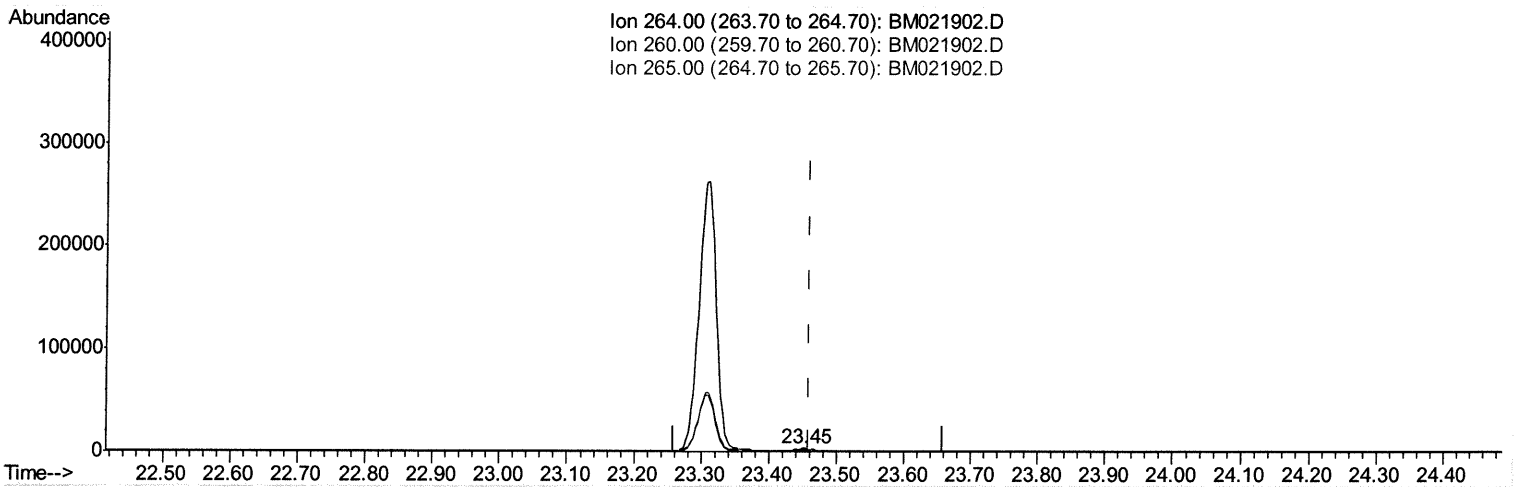
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:30 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.452min (-0.008) 0.40ng/ul m *JU* 08/08/19

response 4115

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.46
265.00	117.00	63.60#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

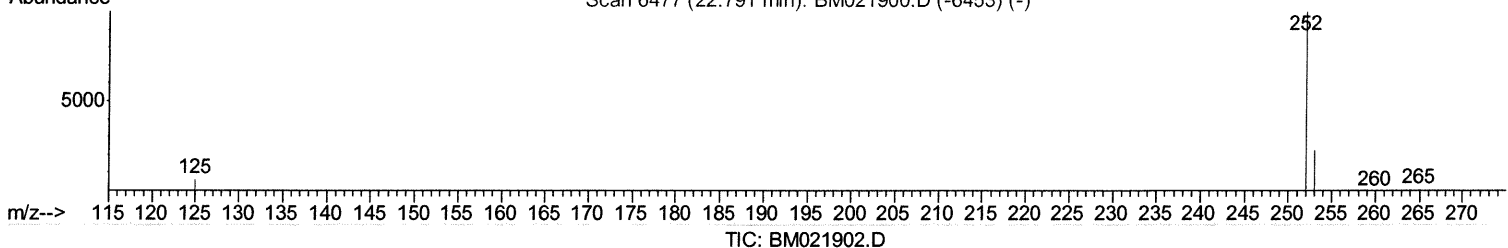
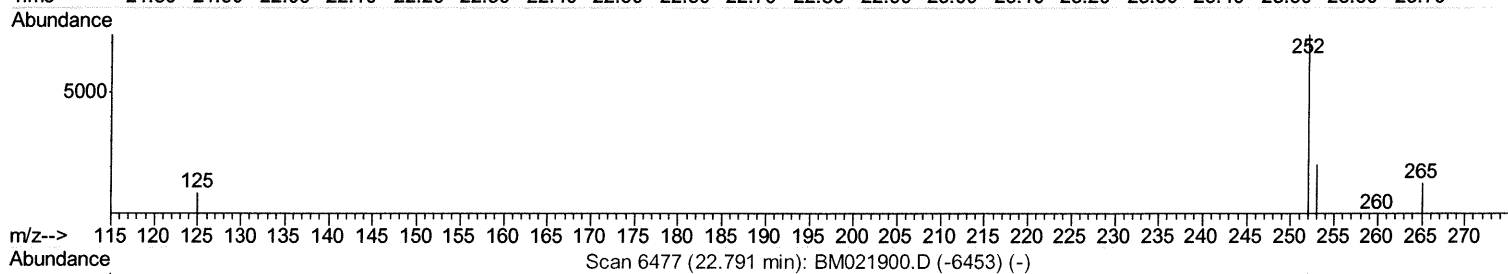
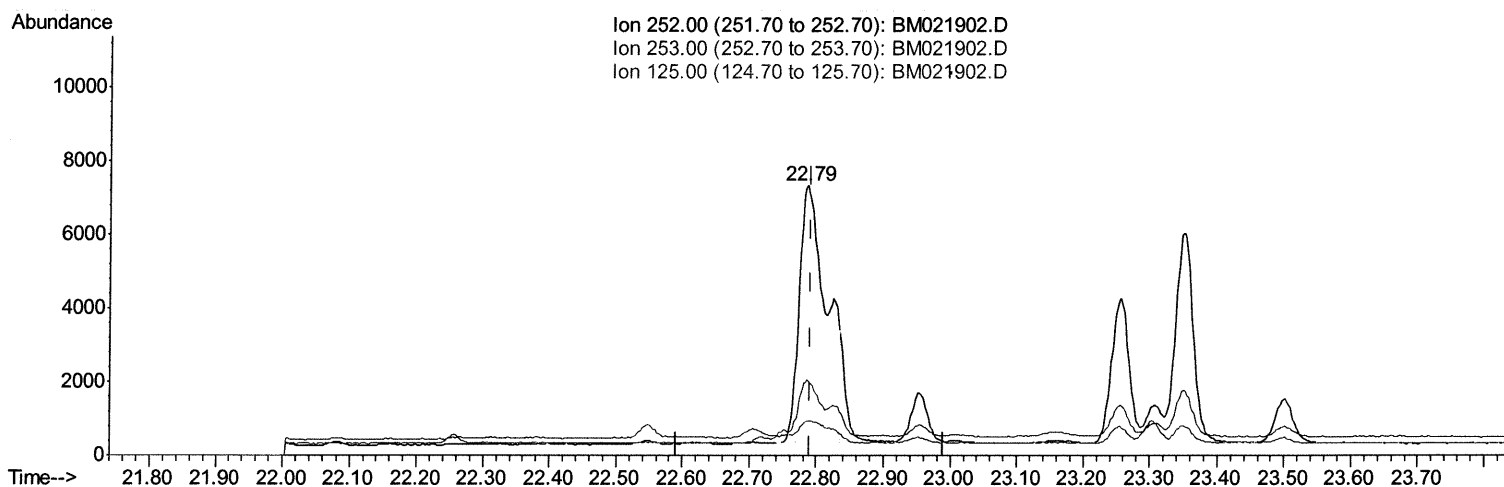
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.786min (-0.005) 1.41ng/ul

response 19576

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.16
125.00	15.50	12.60
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

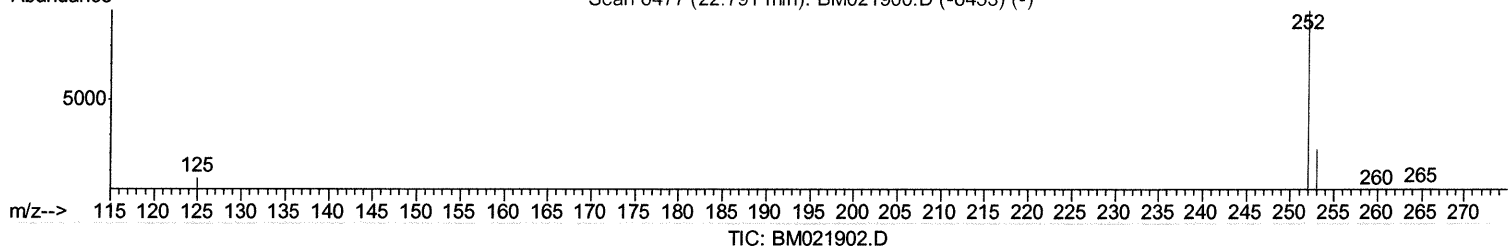
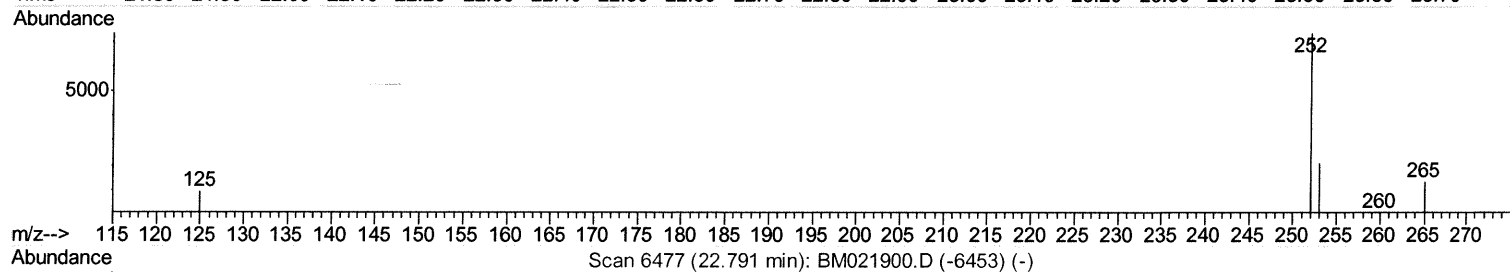
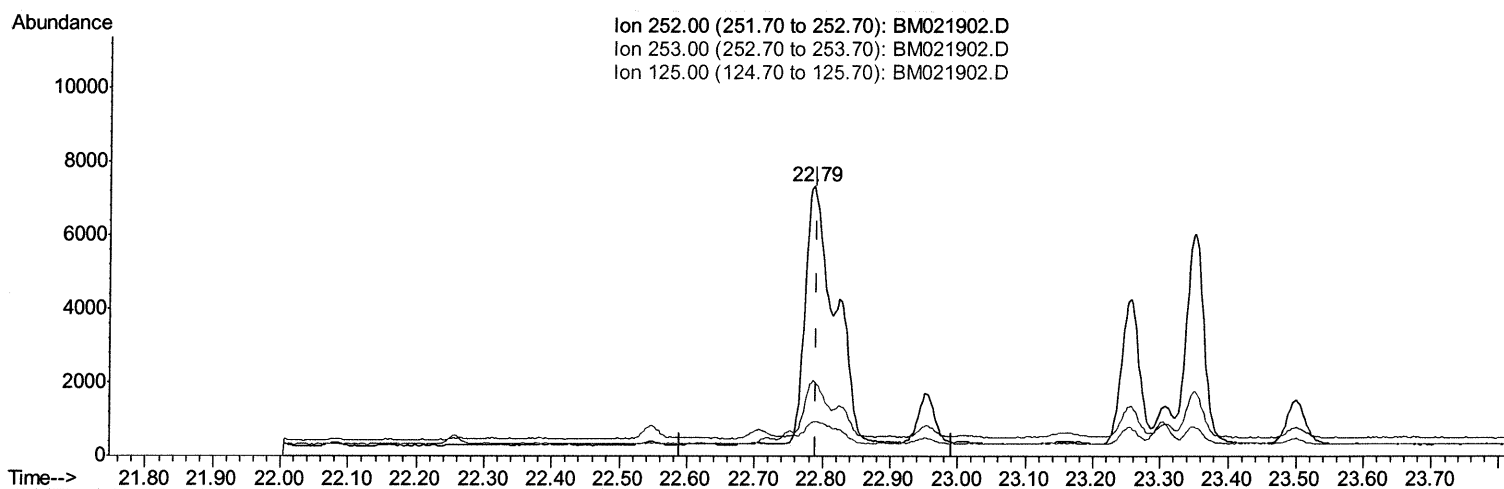
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.786min (-0.005) 1.13ng/ul m

JU
08/08/19

response 15611

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.16
125.00	15.50	12.60
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

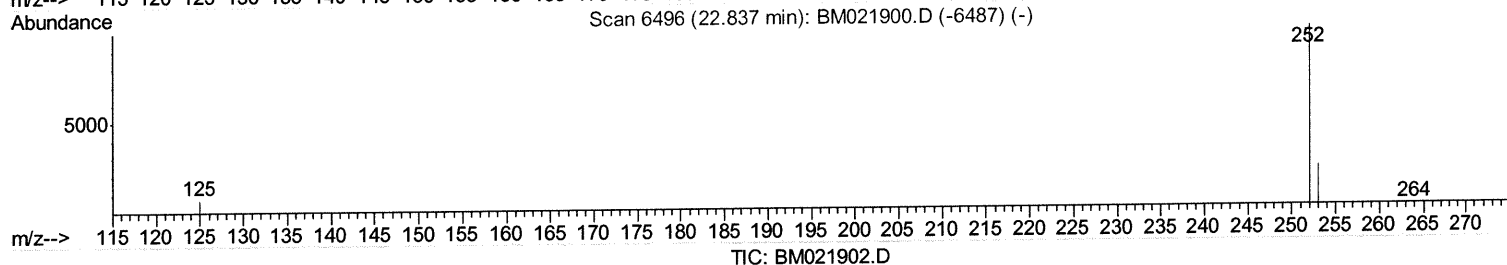
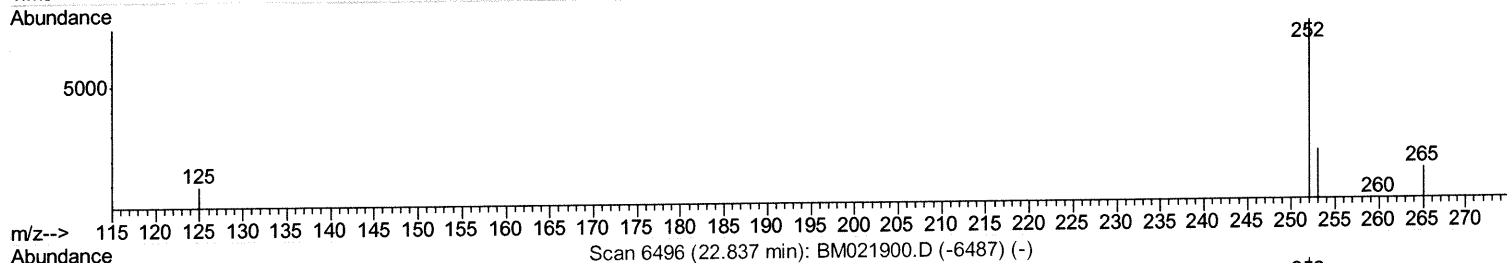
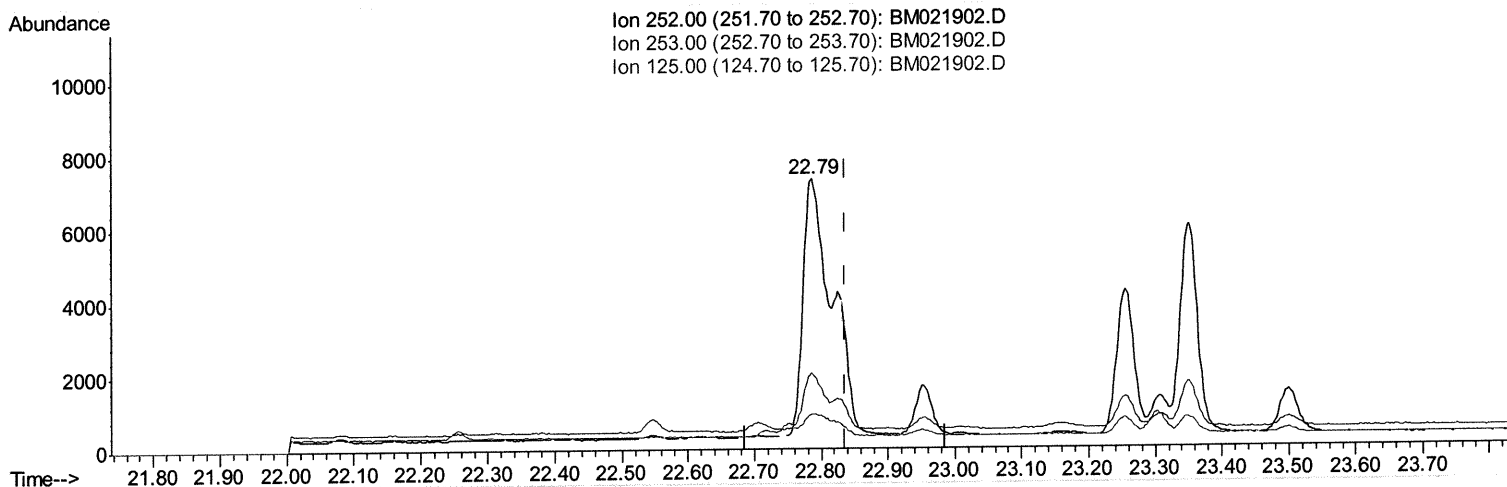
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene
22.786min (-0.051) 1.19ng/ul
response 18671

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.16
125.00	15.20	12.60
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

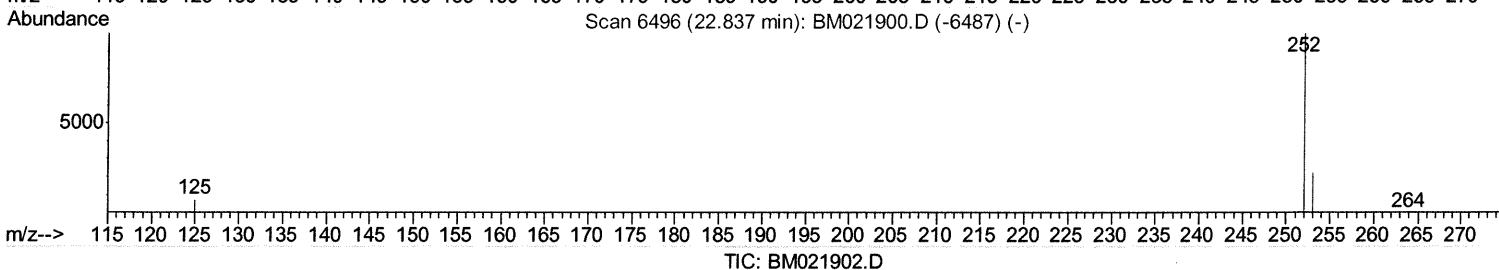
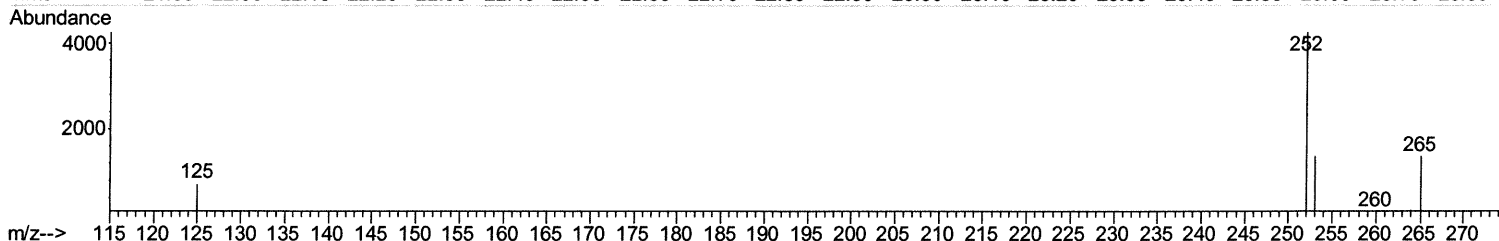
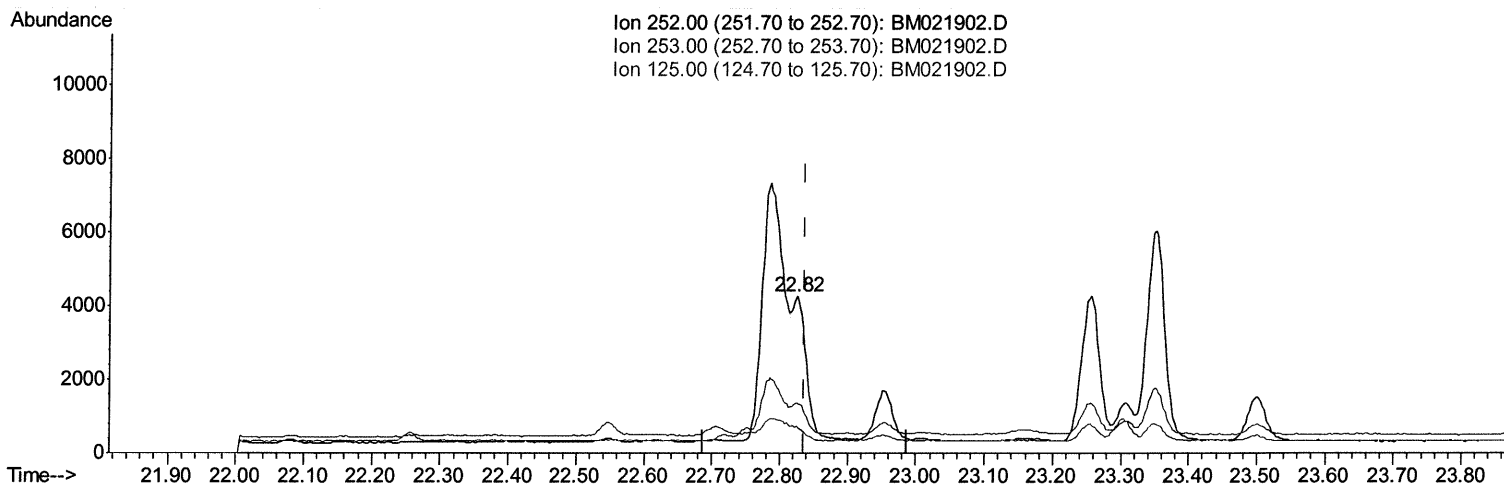
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.825min (-0.012) 0.37ng/ul m

response 5819

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.12
125.00	15.20	17.10
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

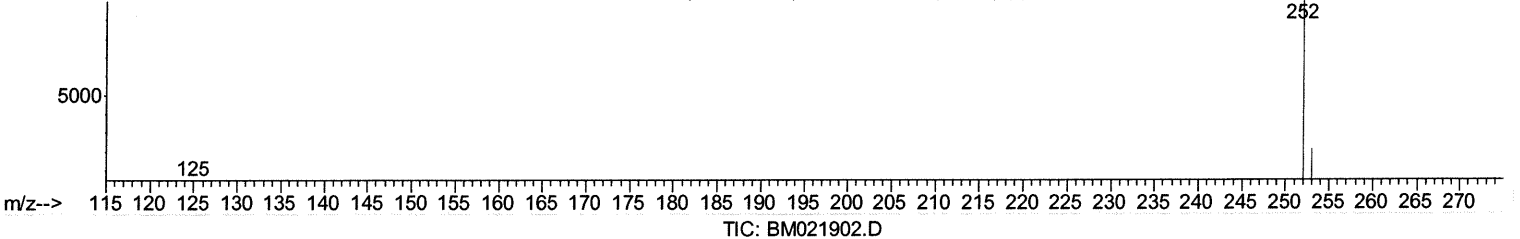
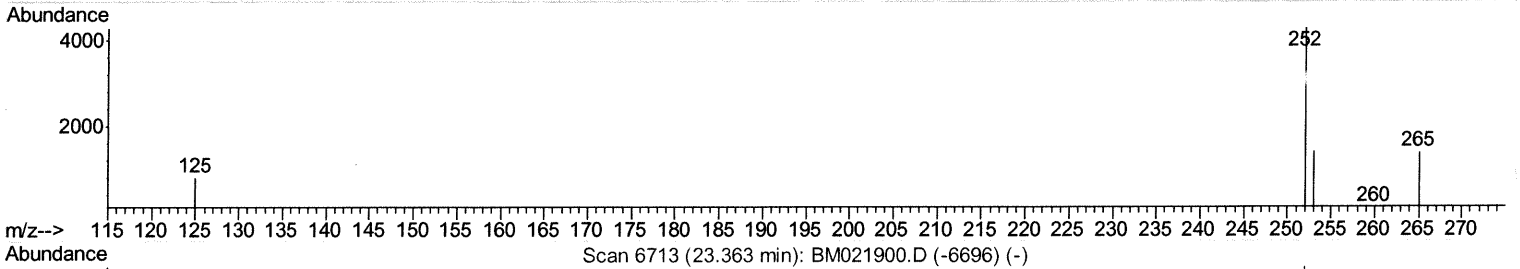
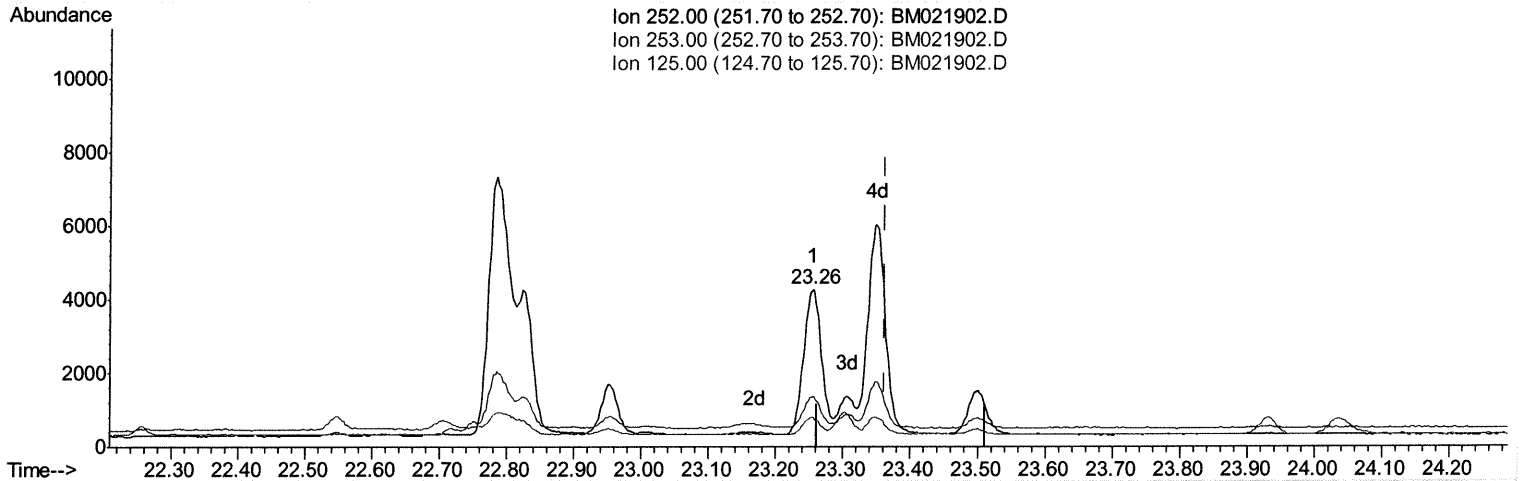
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.256min (-0.107) 0.52ng/ul

response 7388

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	32.23
125.00	18.20	18.44
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

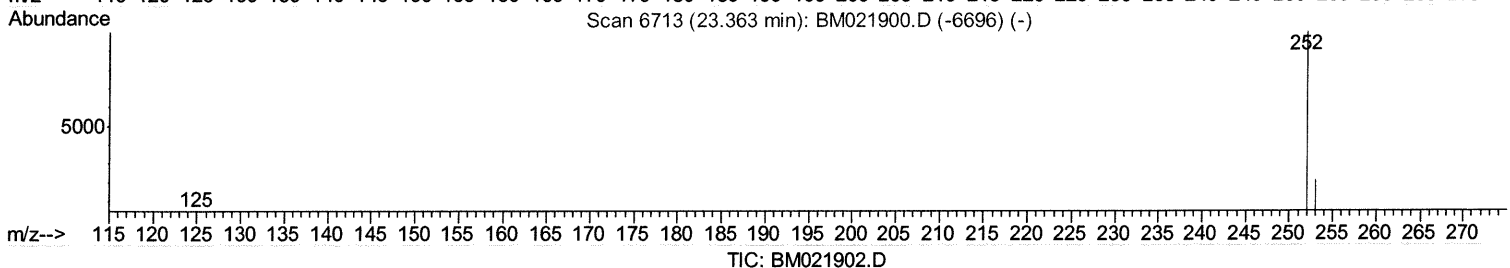
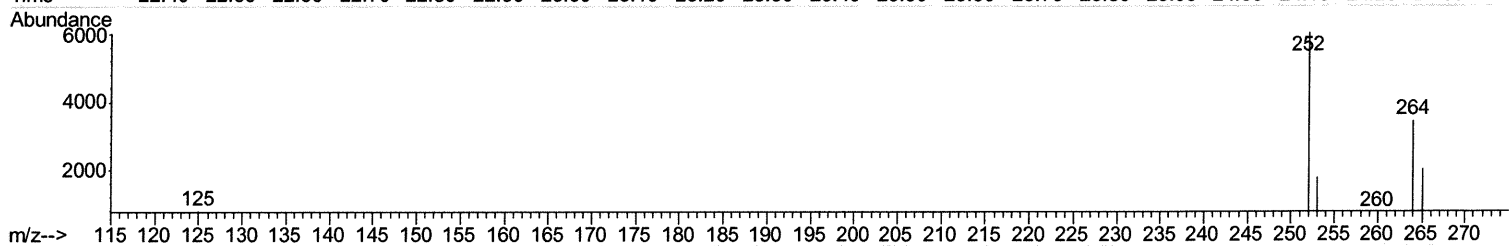
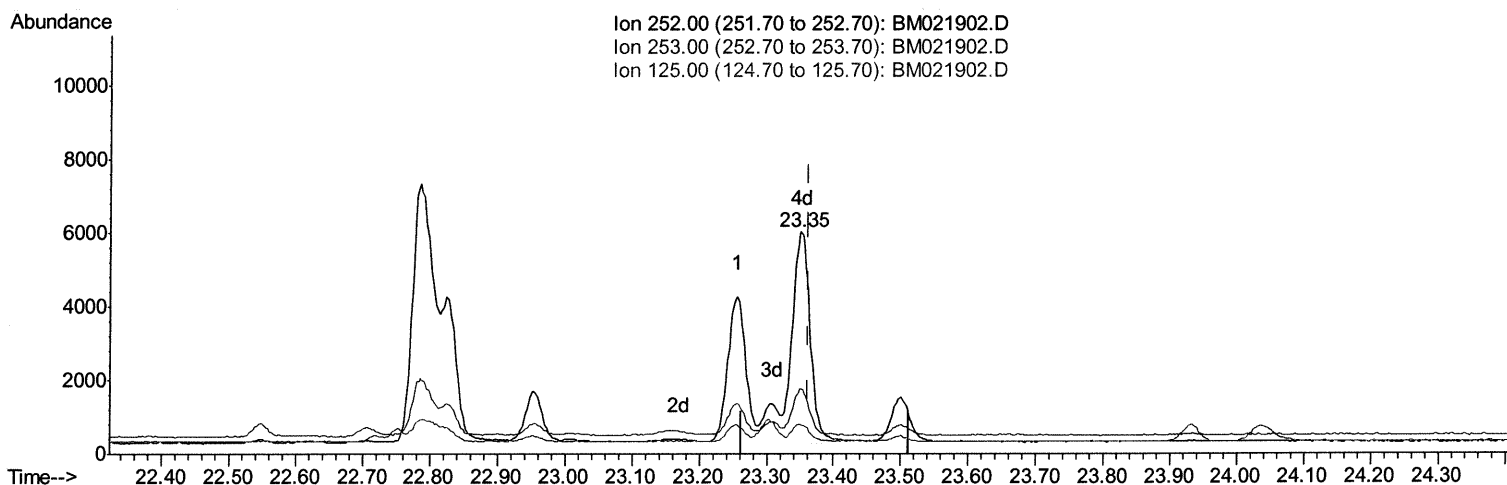
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.350min (-0.012) 0.77ng/ul m *JU 08/08/19*

response 10806

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	29.31#
125.00	18.20	13.51#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

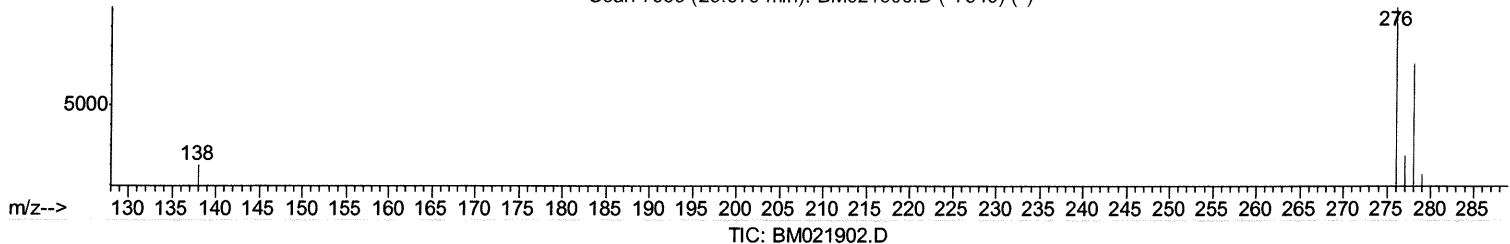
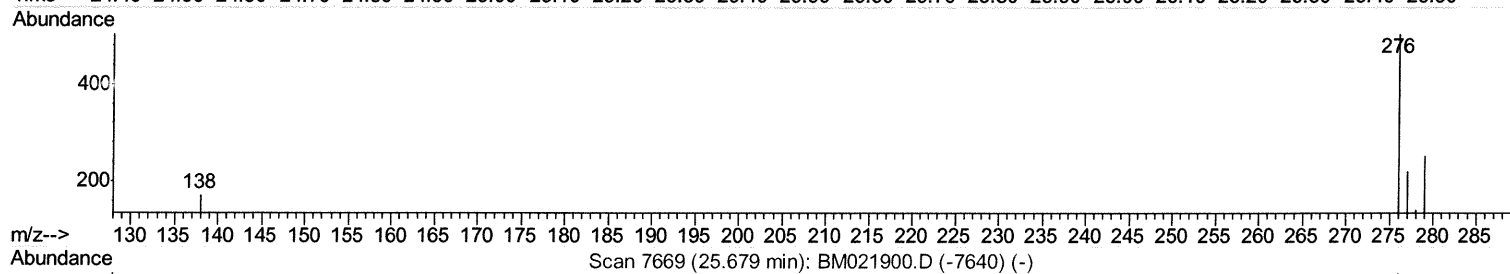
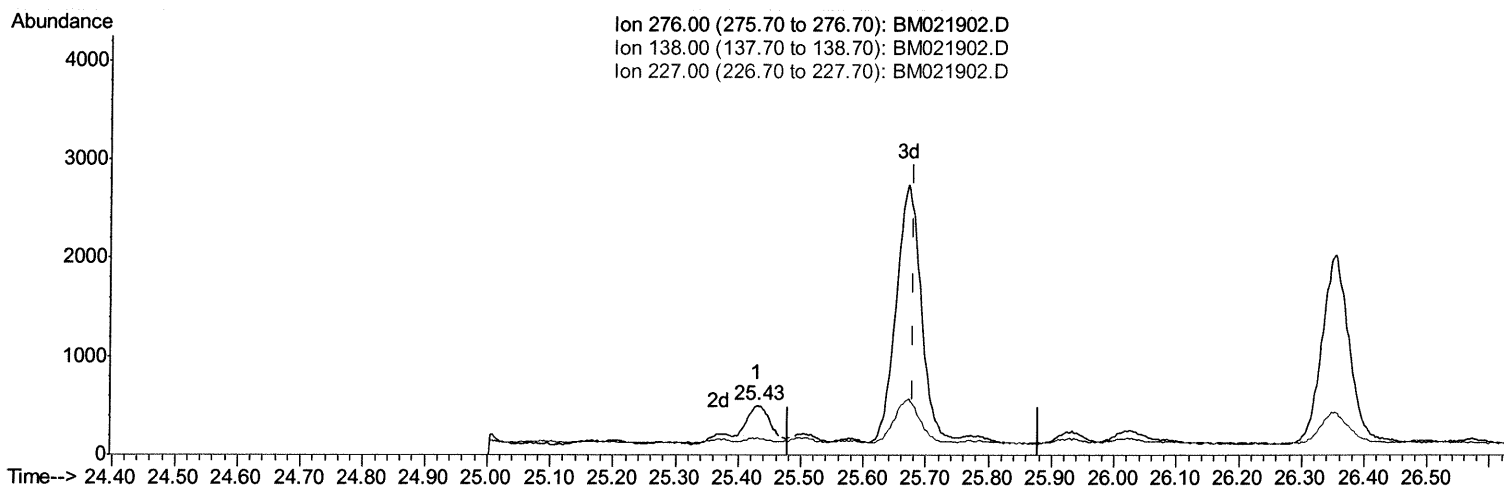
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

25.429min (-0.250) 0.04ng/ul

response 663

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	16.89
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

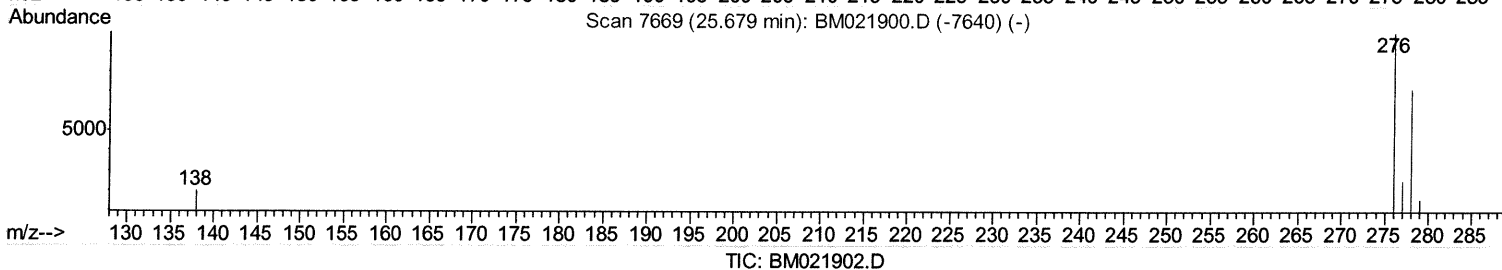
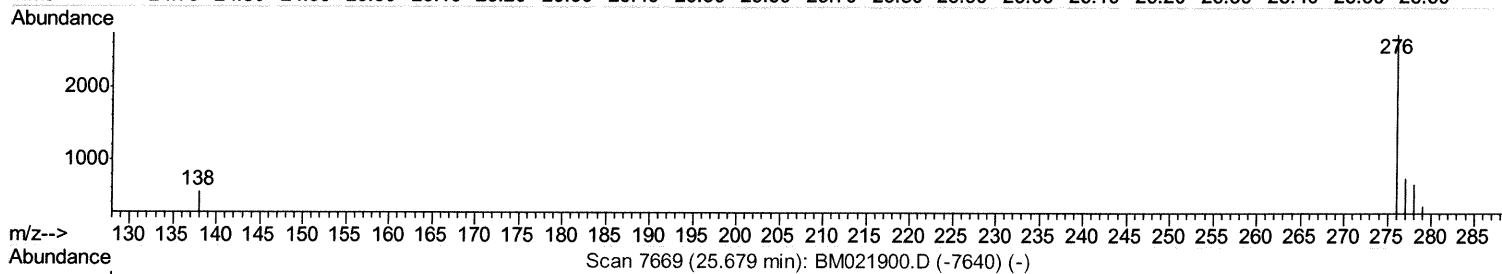
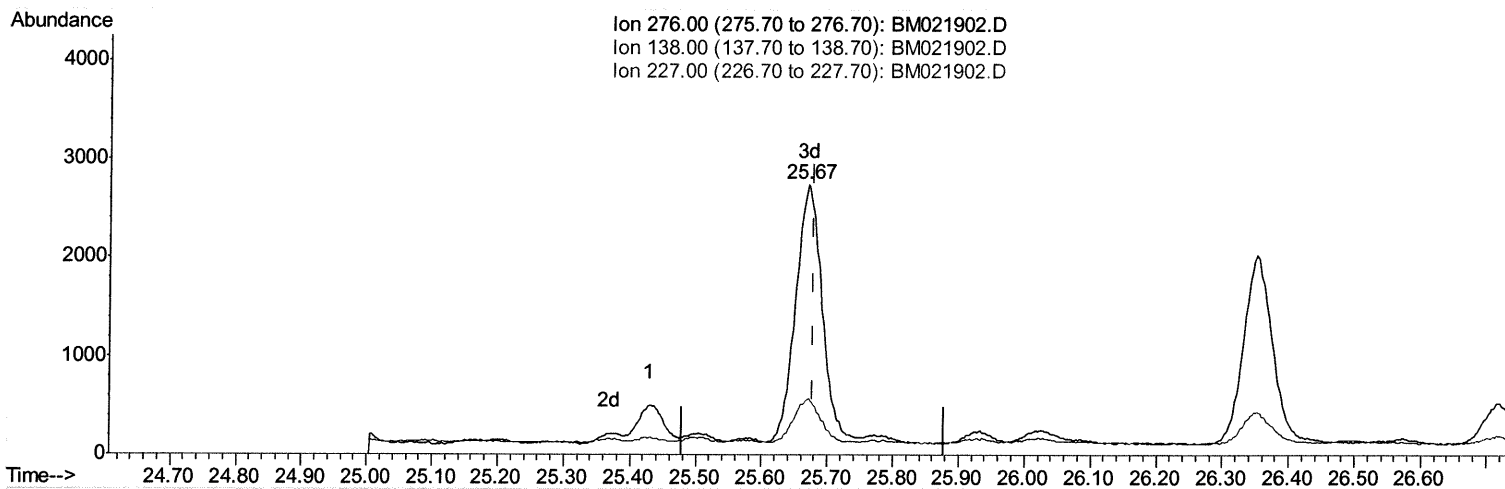
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

25.669min (-0.010) 0.43ng/ul m

JU
08/08/19

response 7287

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.54#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

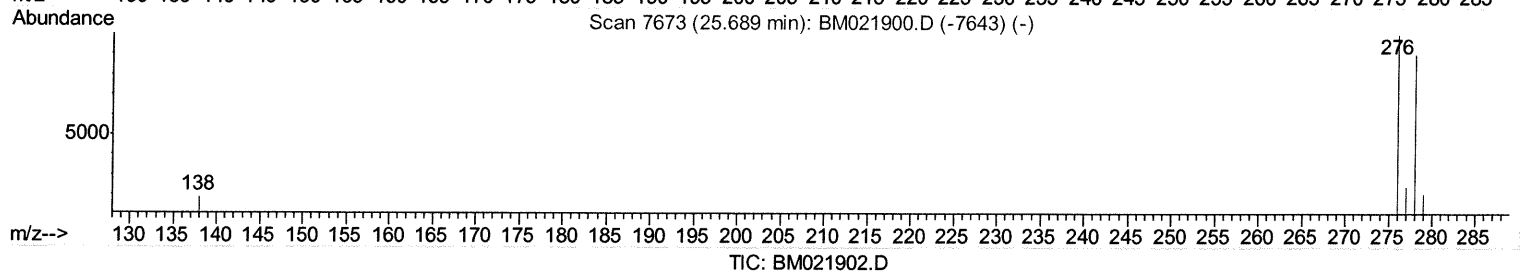
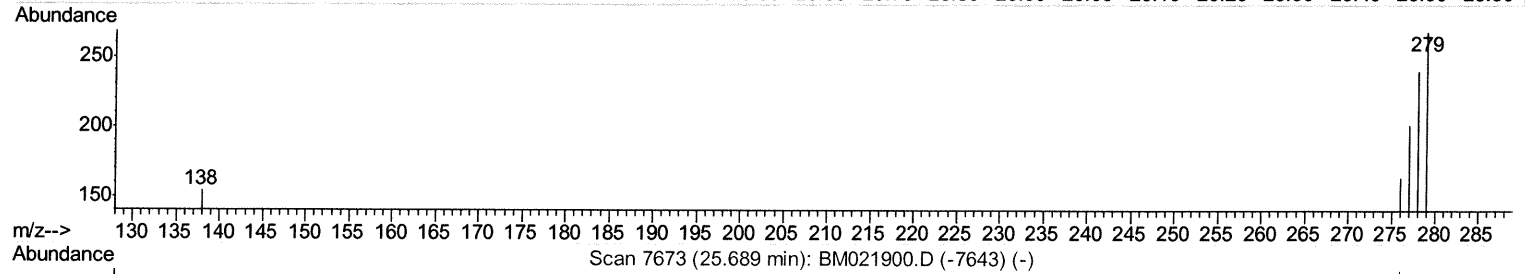
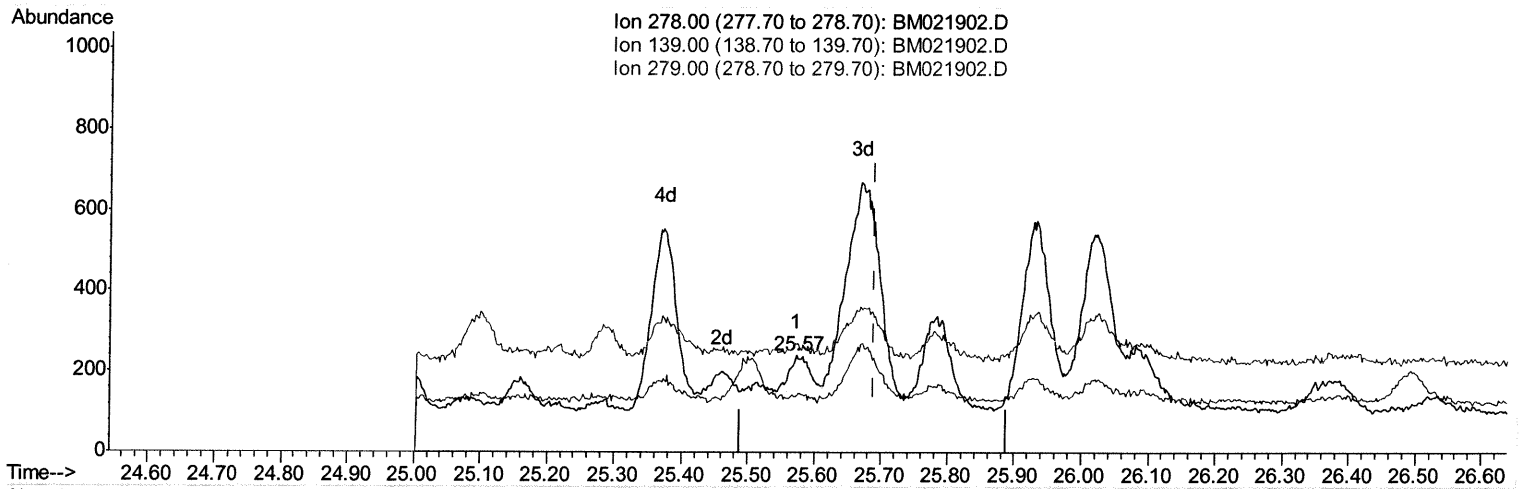
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
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Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.572min (-0.117) 0.01ng/ul

response 195

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	58.33#
279.00	35.40	111.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

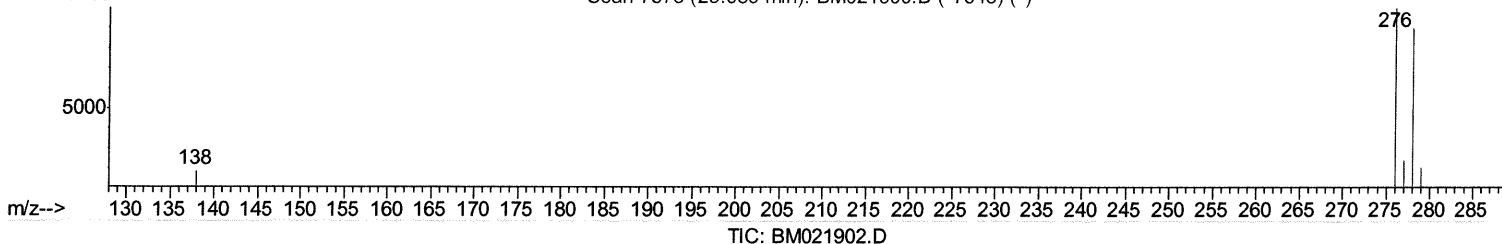
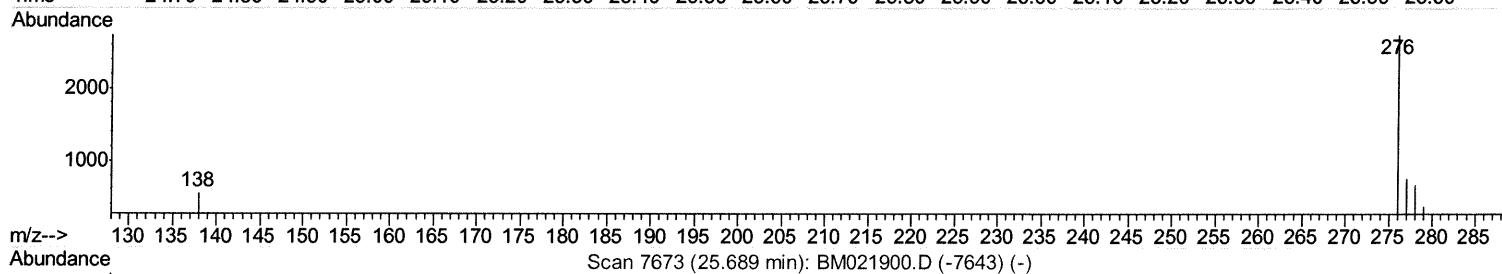
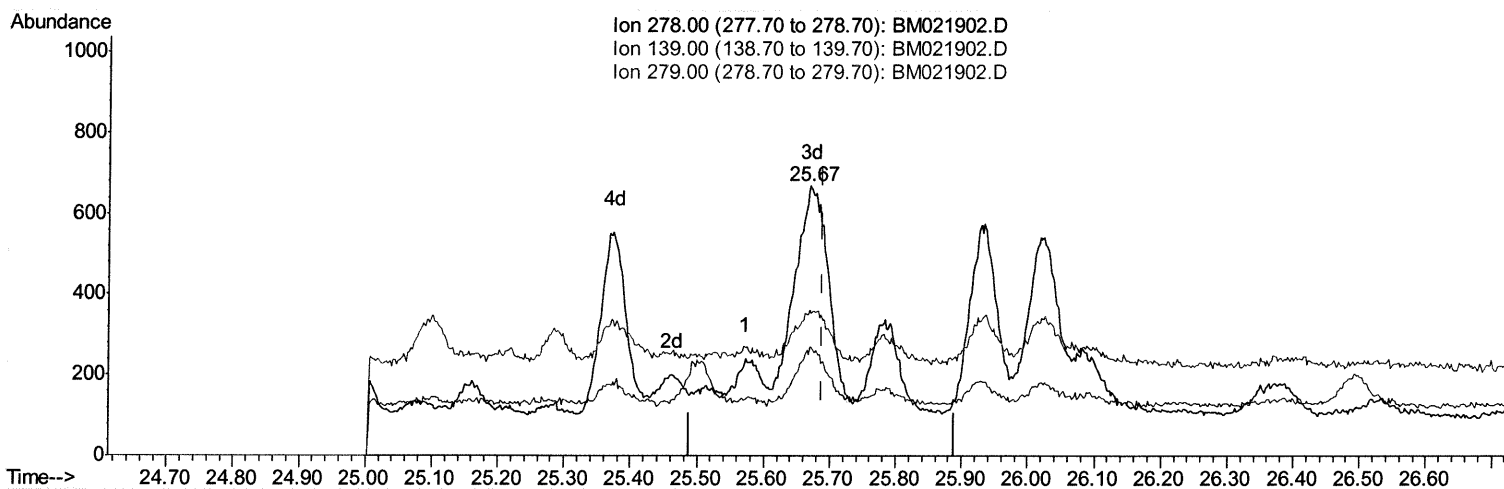
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
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8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.669min (-0.020) 0.15ng/ul m

JU
08/08/19

response 2033

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	39.91#
279.00	35.40	54.11#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

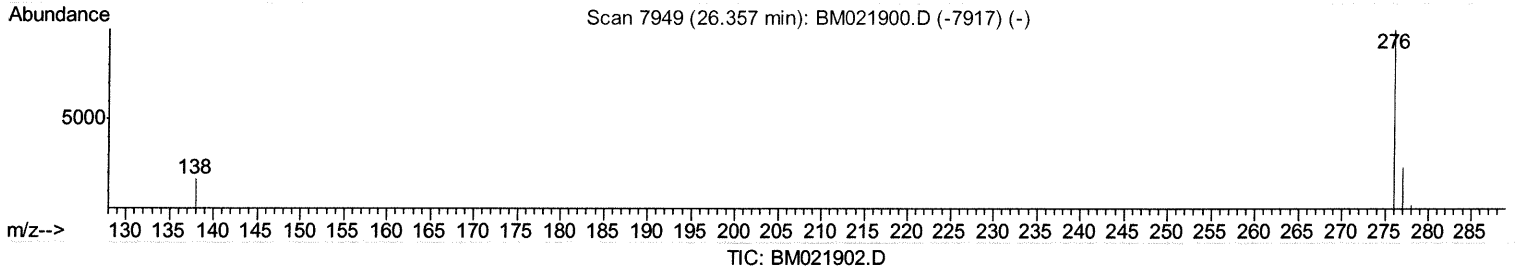
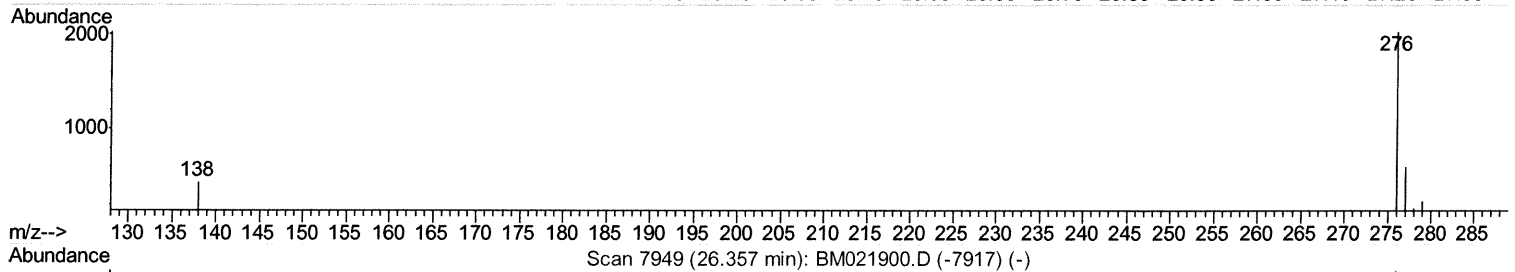
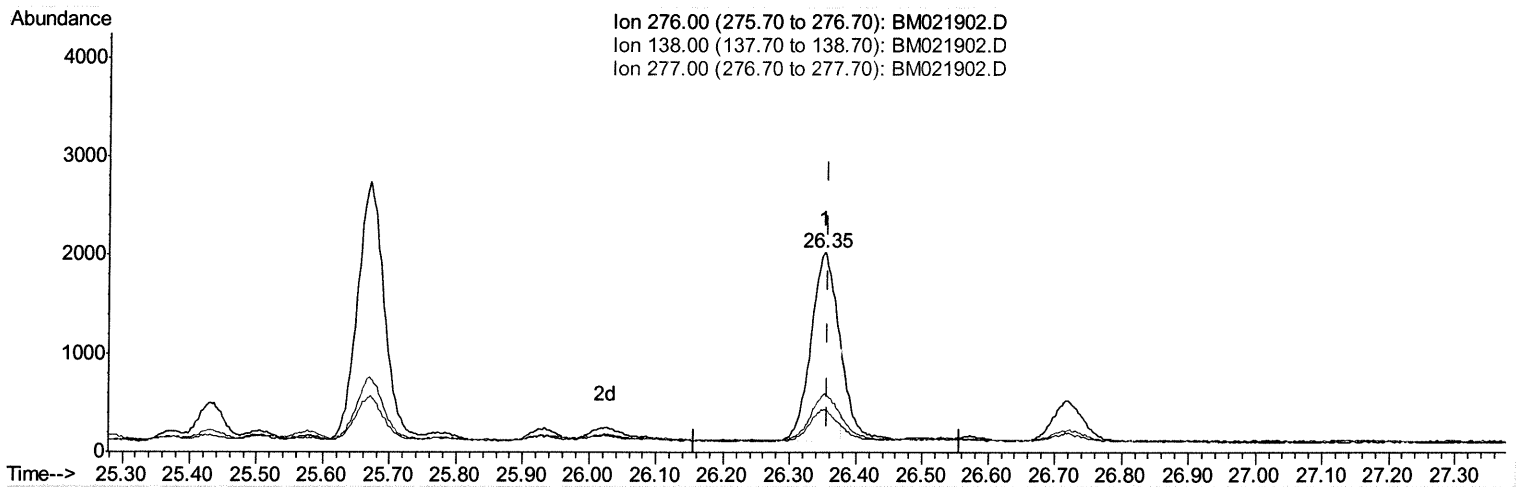
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

26.352min (-0.005) 0.33ng/ui

response 4996

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	21.47
277.00	26.80	29.47
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

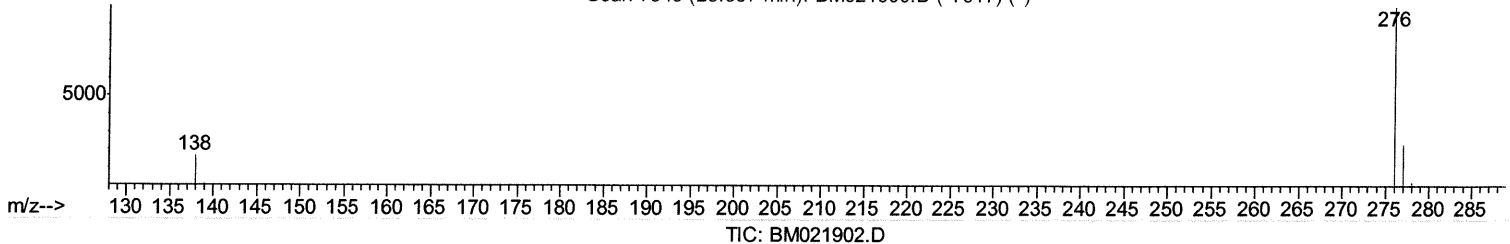
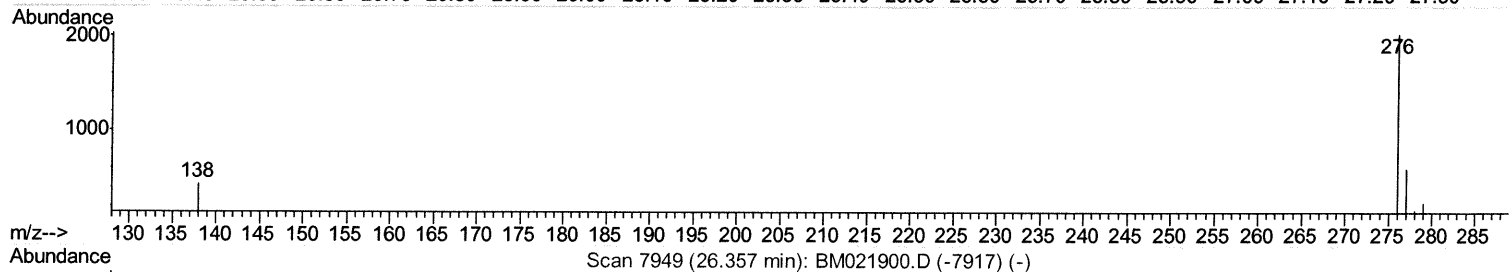
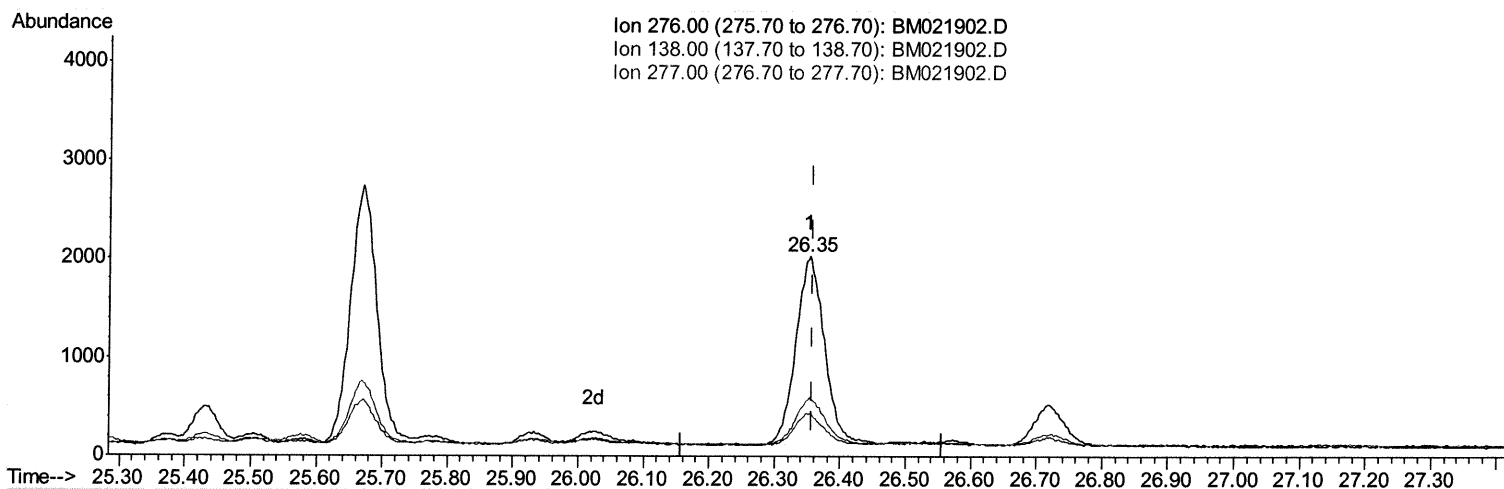
Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:57:59 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

26.352min (-0.005) 0.38ng/ul m

JU
08/08/19

response 5762

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	21.47
277.00	26.80	29.47
0.00	0.00	0.00

Data File : BM021902.D
Acq On : 07 Aug 2019 18:53
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX9

Quant Time: Aug 08 04:59:39 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	797	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3439	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	1924	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4558m)	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4338m)	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4115m)	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	1994	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	5115m)	0.33	ng/ul	-0.01

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.45	128	387	0.040	ng/ul#	65
5) 2-Methylnaphthalene	12.09	142	190	0.029	ng/ul	91
7) Acenaphthylene	14.00	152	1187	0.132	ng/ul#	82
8) Acenaphthene	14.34	153	264	0.036	ng/ul#	93
9) Fluorene	15.34	166	366	0.045	ng/ul#	94
12) Phenanthrene	17.07	178	7108	0.536	ng/ul	99
13) Anthracene	17.16	178	1818m)	0.161	ng/ul	
15) Fluoranthene	19.10	202	20289m)	1.142	ng/ul	
17) Pyrene	19.46	202	19229	1.079	ng/ul	99
18) Benzo(a)anthracene	21.22	228	11686	0.753	ng/ul	98
19) Chrysene	21.27	228	10812	0.542	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	15611m)	1.125	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	5819m)	0.371	ng/ul	
23) Benzo(a)pyrene	23.35	252	10806m)	0.766	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	7287m)	0.432	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	2033m)	0.149	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	5762m)	0.380	ng/ul	

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