

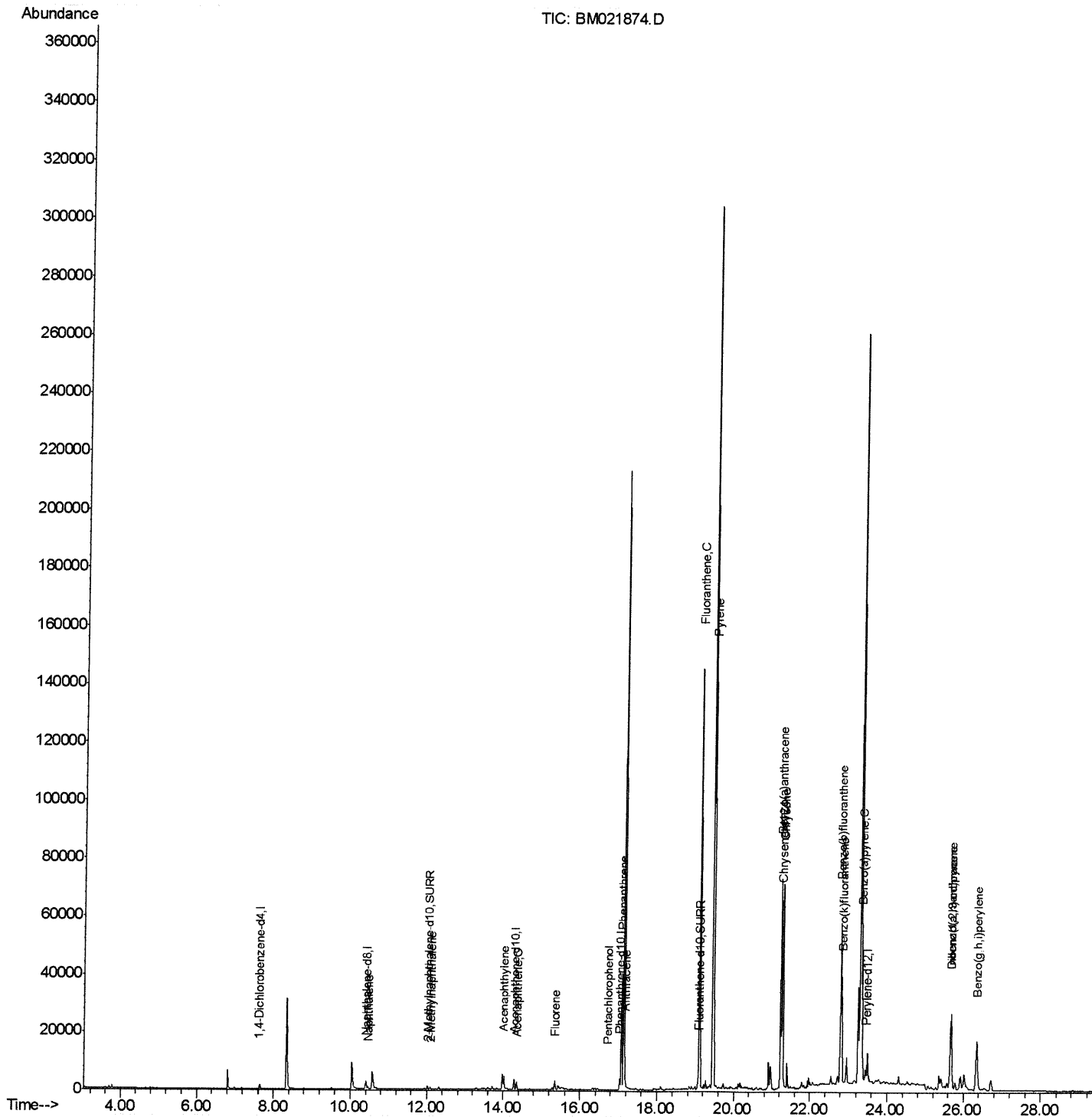
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (QT Reviewed)
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:26:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

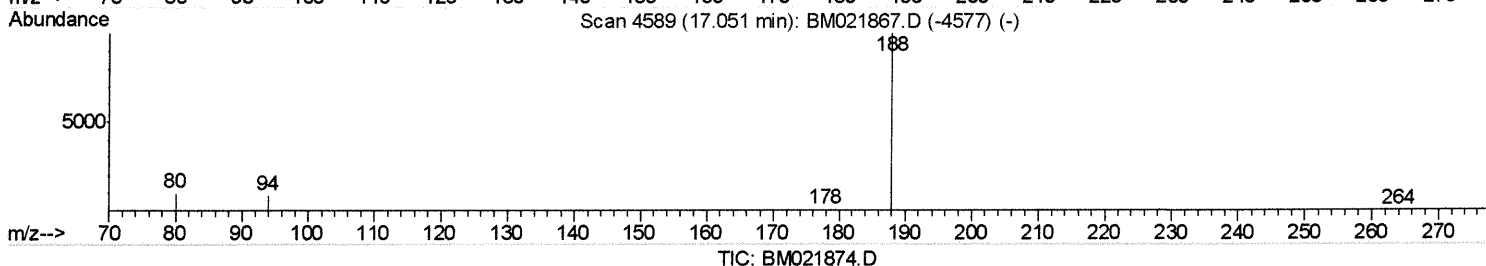
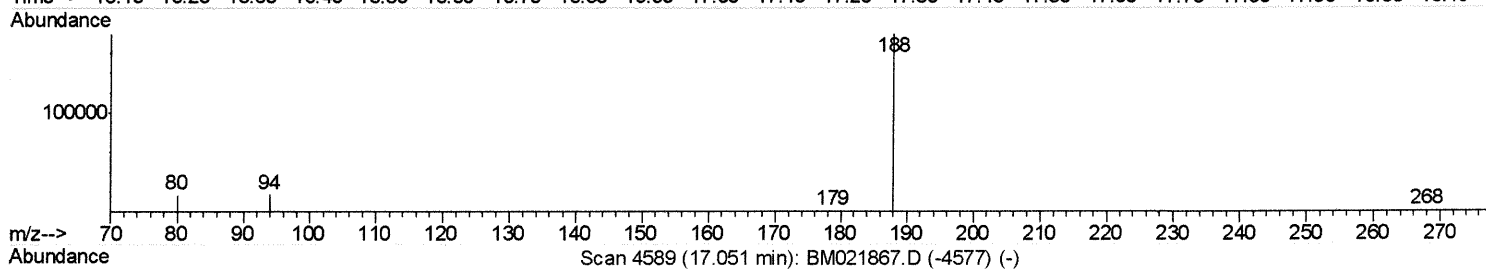
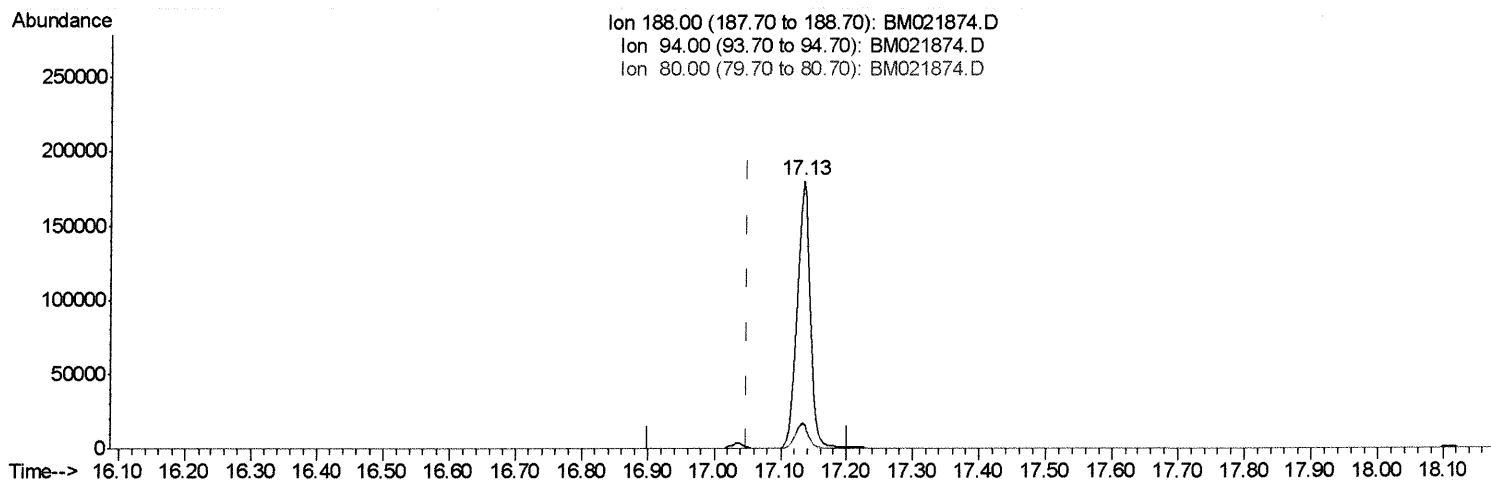
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:15 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
17.133min (+0.082) 0.40ng/ul
response 250279

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.44
80.00	11.40	9.01#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

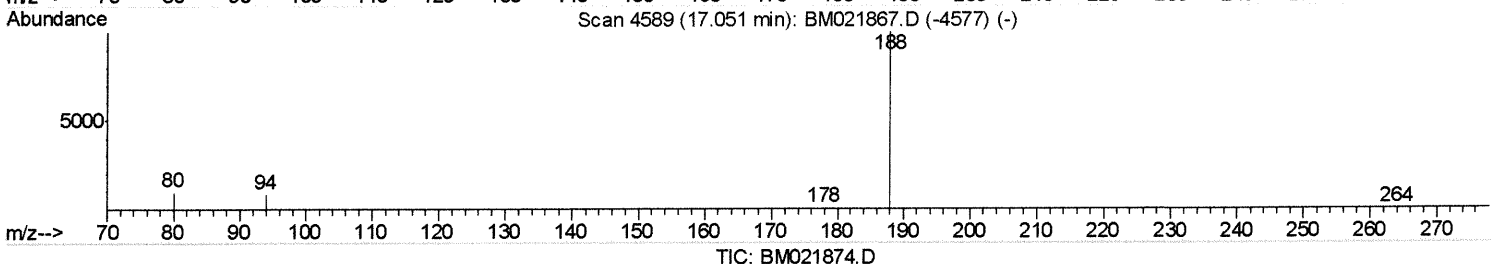
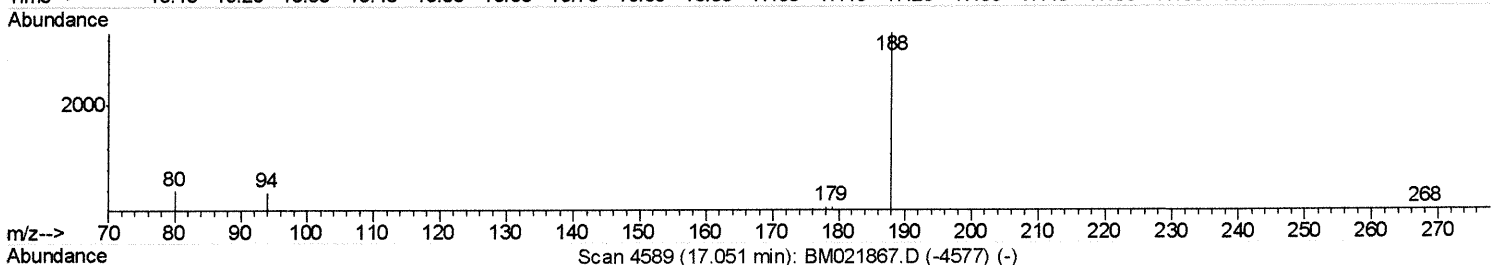
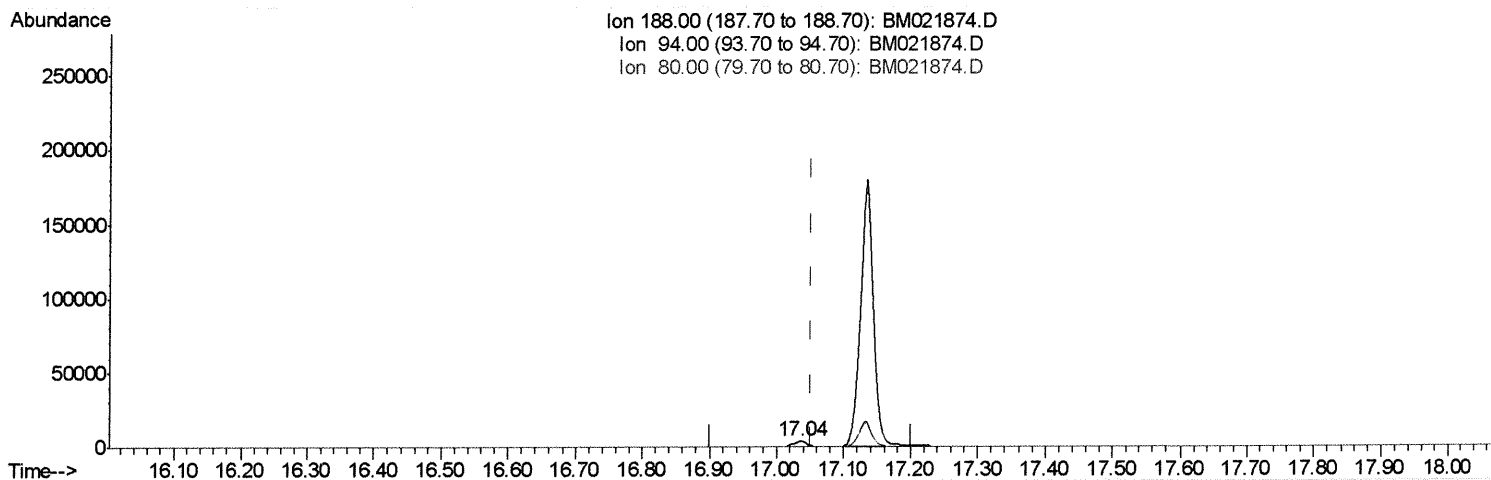
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:15 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I) JU
17.036min (-0.015) 0.40ng/ul m 08/07/19

response 4771

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.91
80.00	11.40	12.05
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

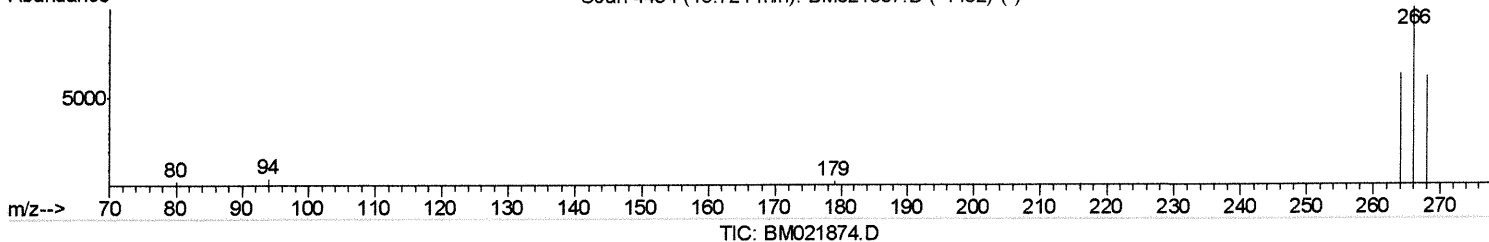
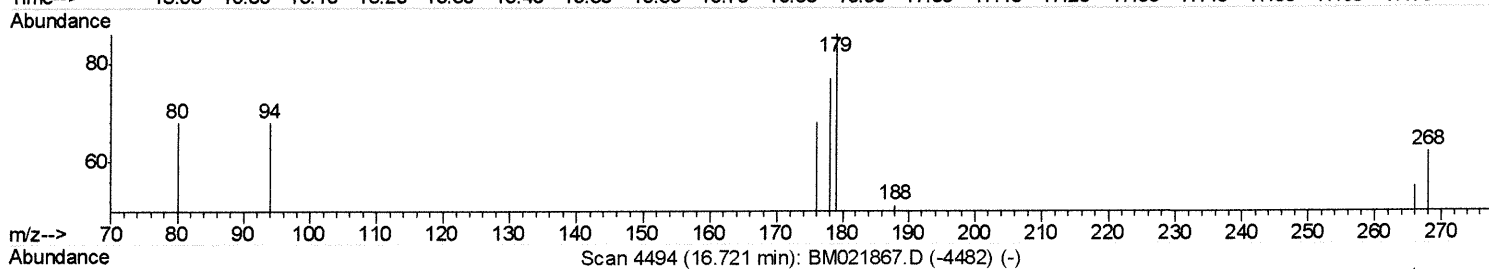
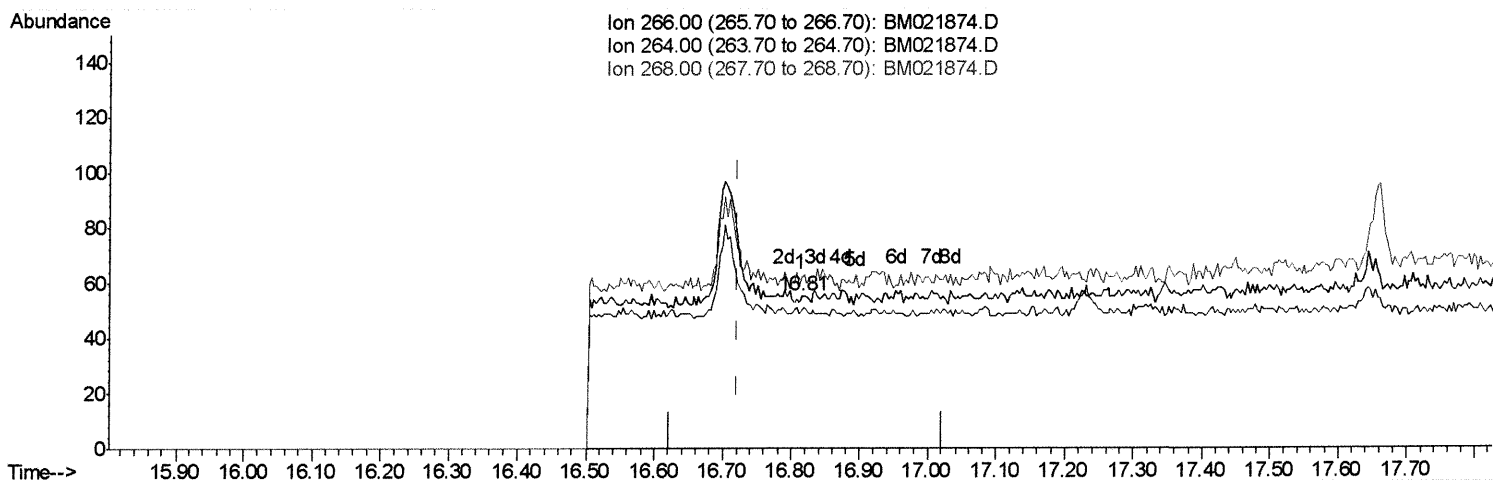
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(11) Pentachlorophenol

16.814min (+0.092) 0.00ng/ul

response 2

Ion	Exp%	Act%
266.00	100	100
264.00	67.70	0.00#
268.00	72.00	100.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

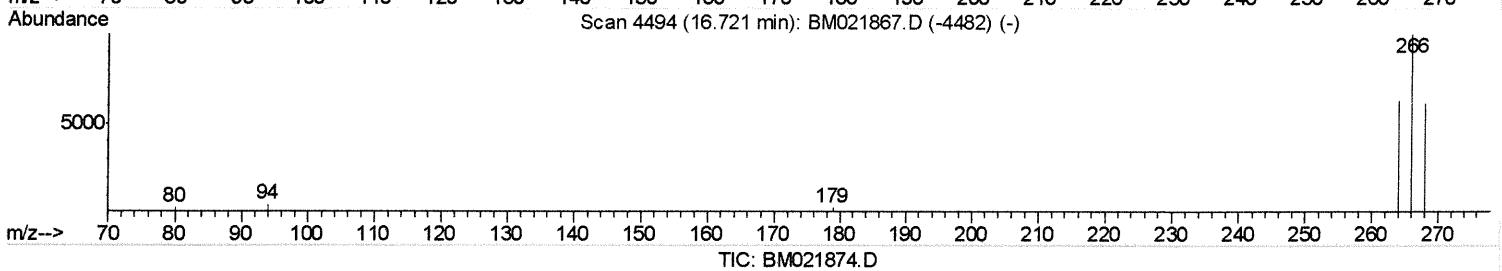
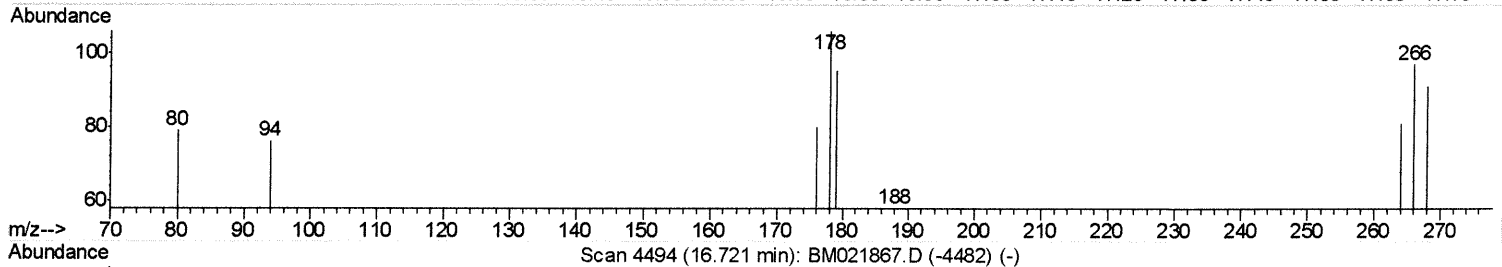
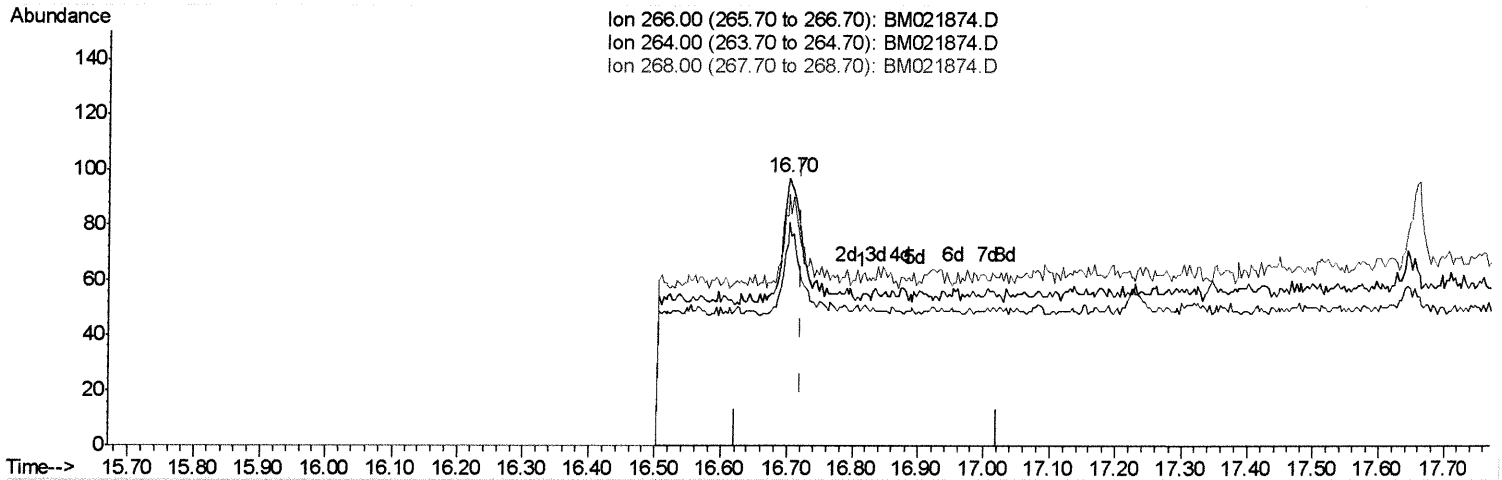
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(11) Pentachlorophenol

16.703min (-0.019) 0.11ng/ul m

JU
08/07/19

response 99

Ion	Exp%	Act%
266.00	100	100
264.00	67.70	0.00#
268.00	72.00	2.02#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

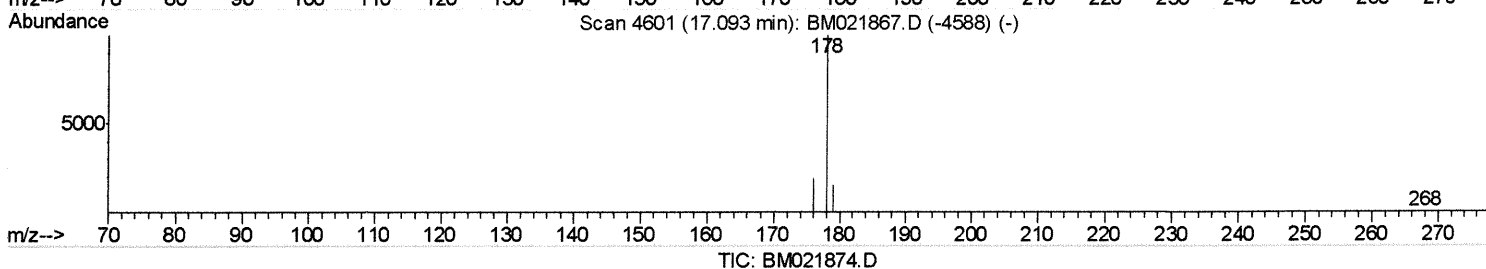
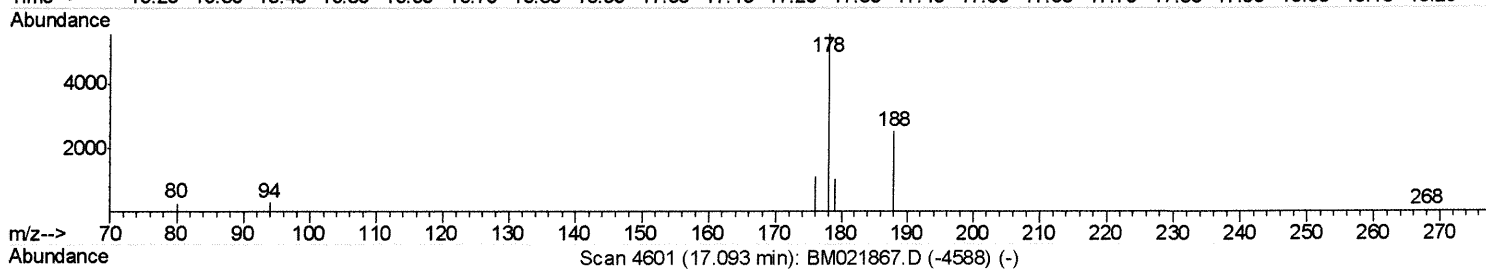
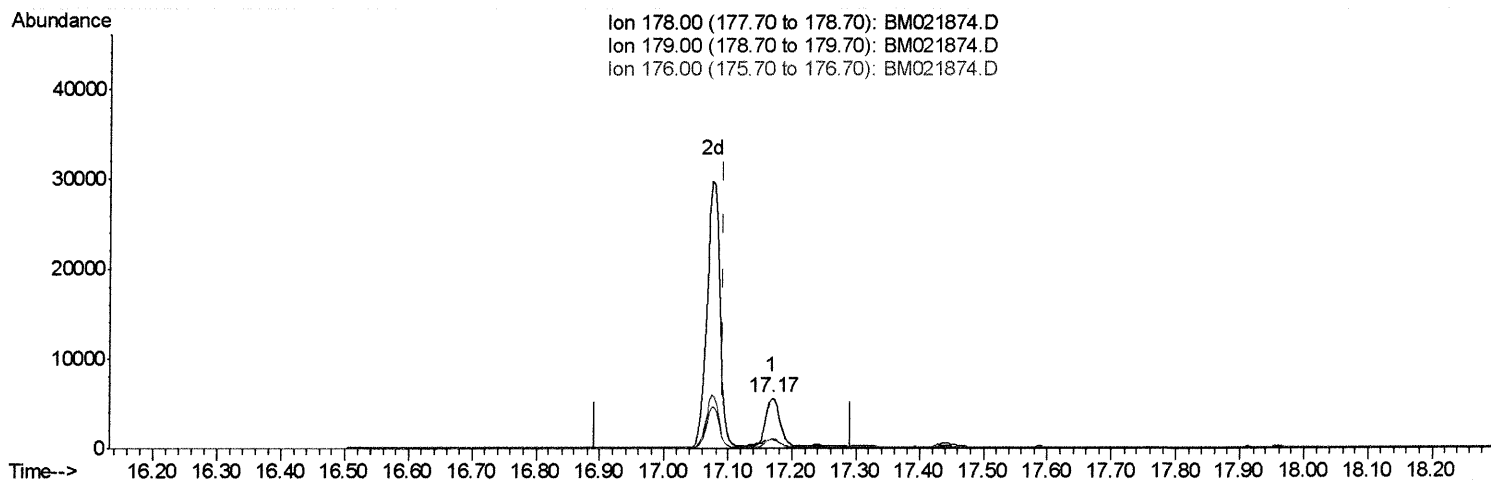
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(12) Phenanthrene

17.168min (+0.075) 0.63ng/ul

response 8806

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	18.76
176.00	21.00	19.86
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

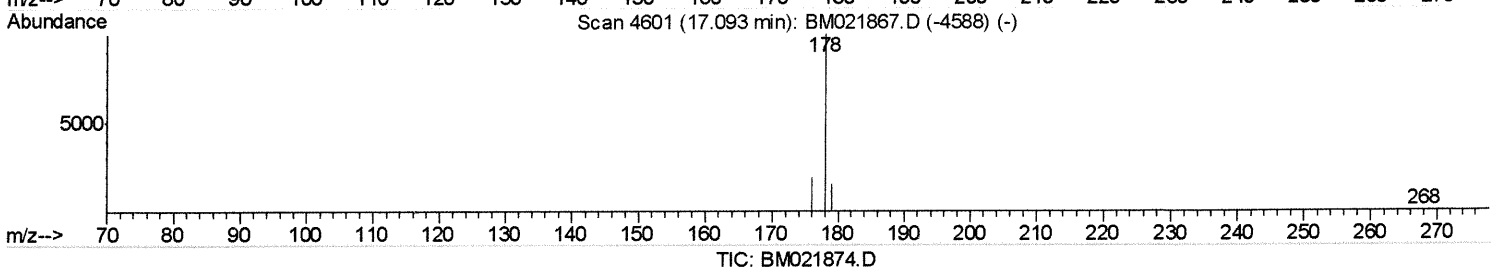
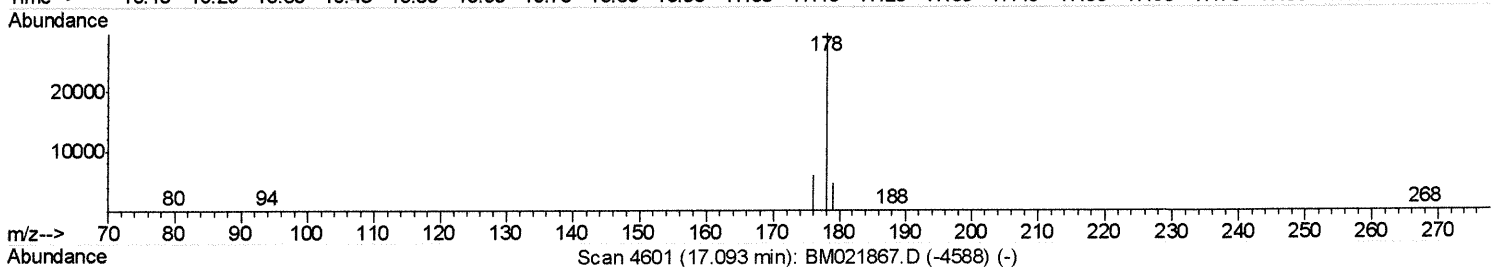
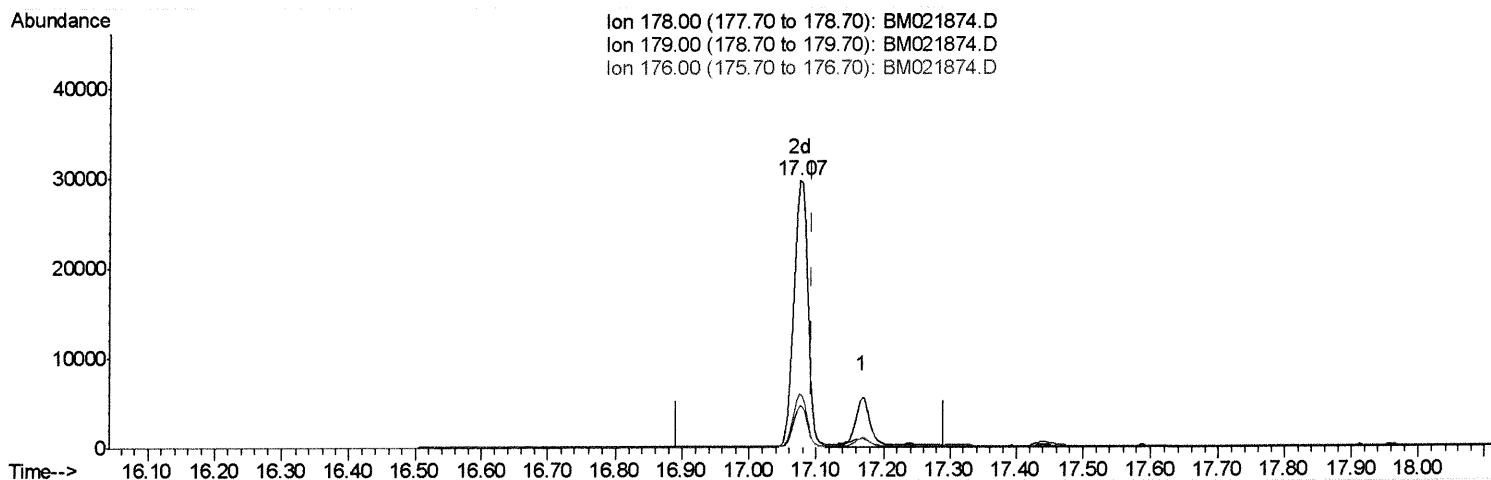
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(12) Phenanthrene

17.074min (-0.019) 3.04ng/ul m

28/07/19

response 42157

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.43
176.00	21.00	19.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

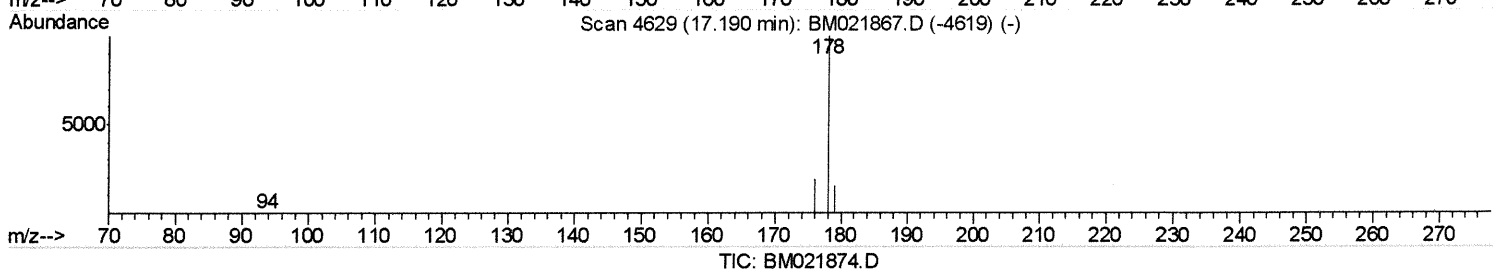
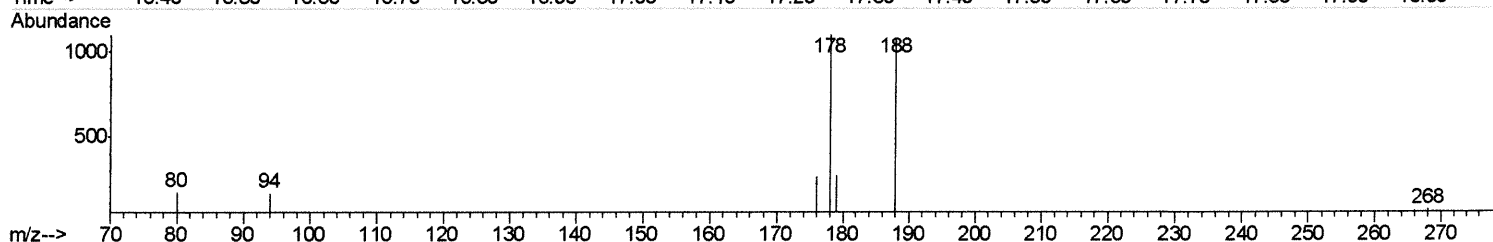
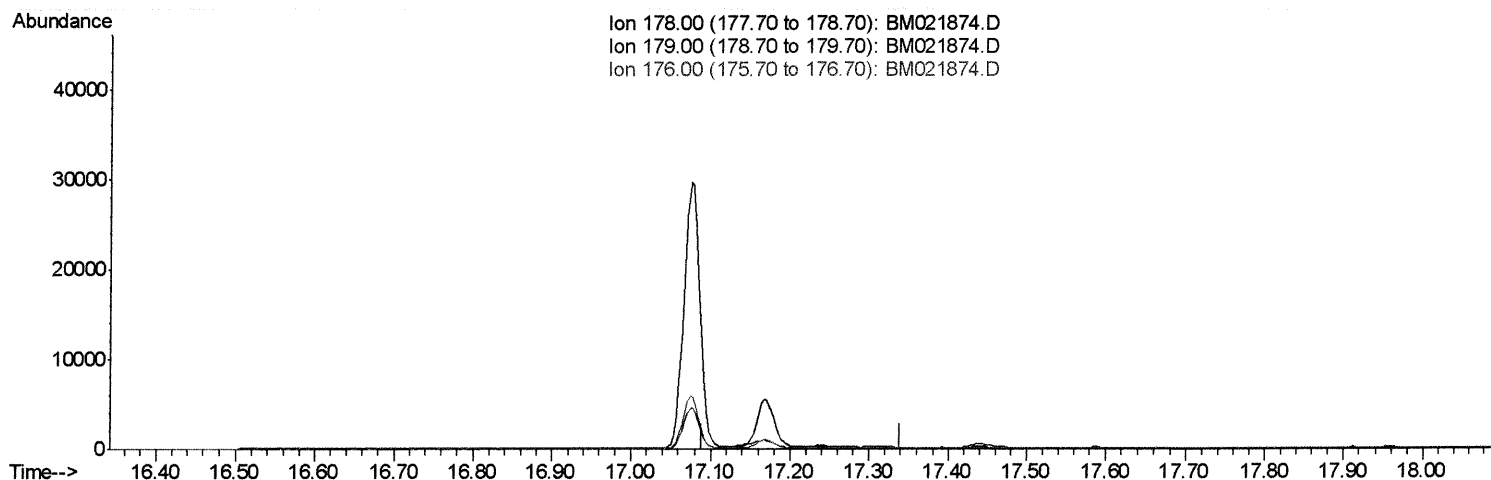
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(13) Anthracene

17.190min (-17.190) 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\BM080619\
Quantitation Report (Qedit)

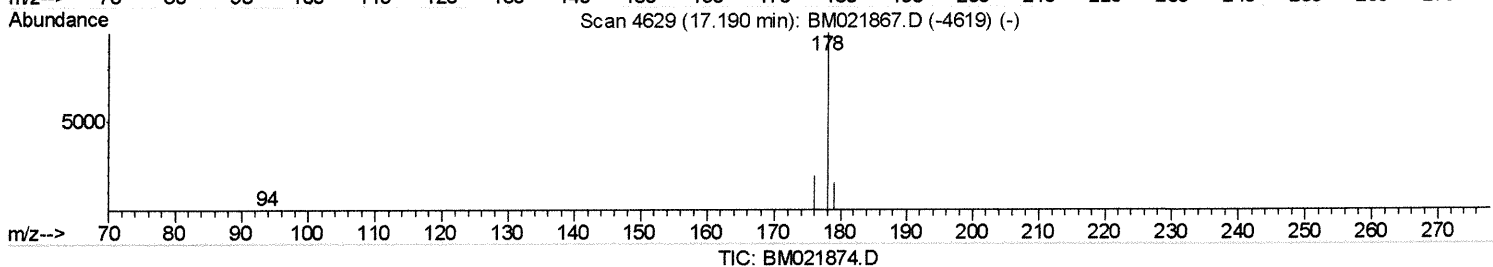
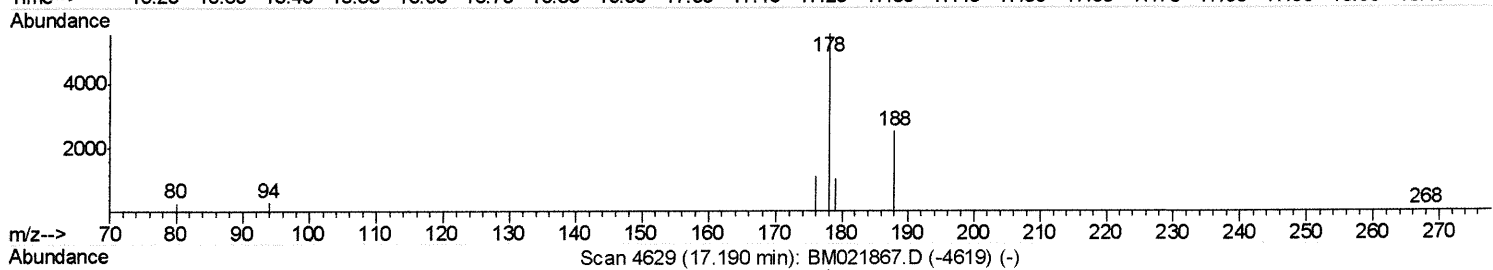
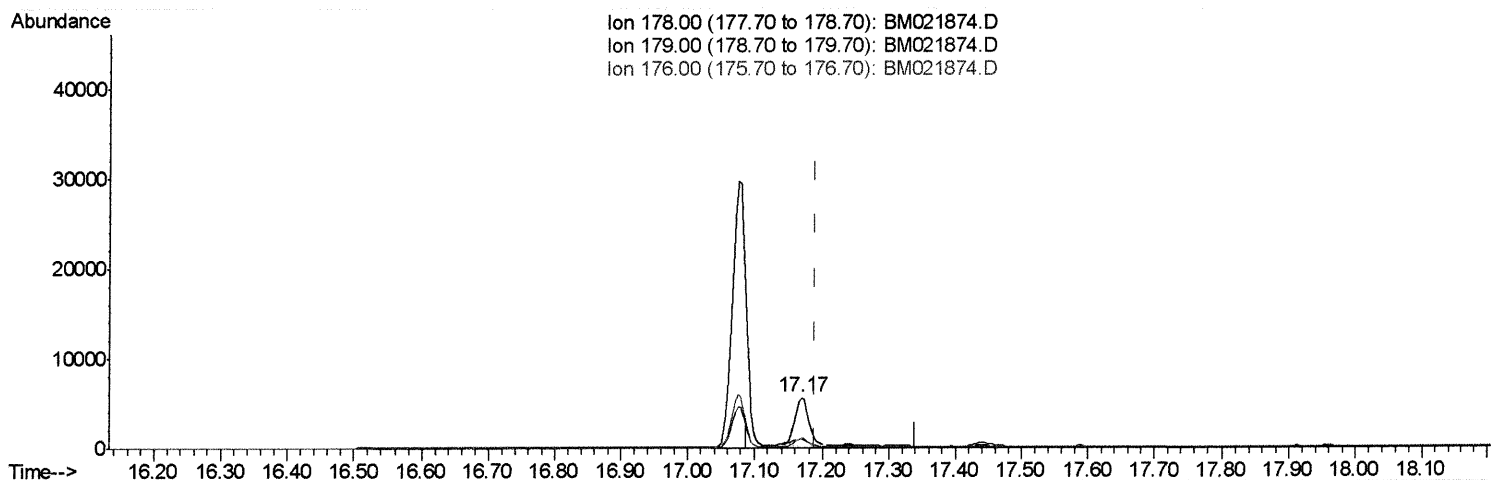
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(13) Anthracene

17.168min (-0.022) 0.66ng/ul m *JU 28/07/19*

response 7822

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	18.76
176.00	20.80	19.86
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

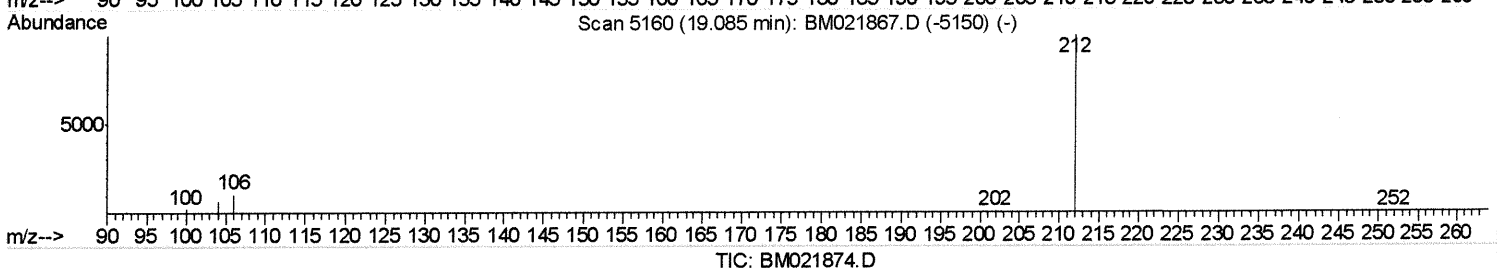
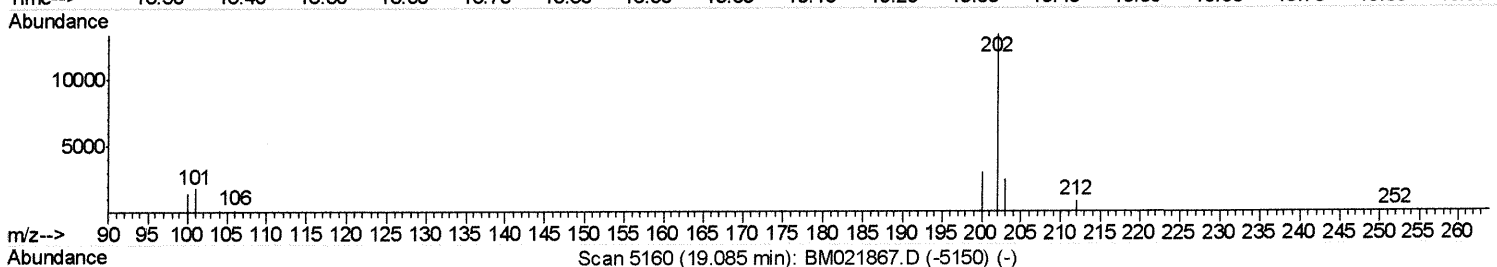
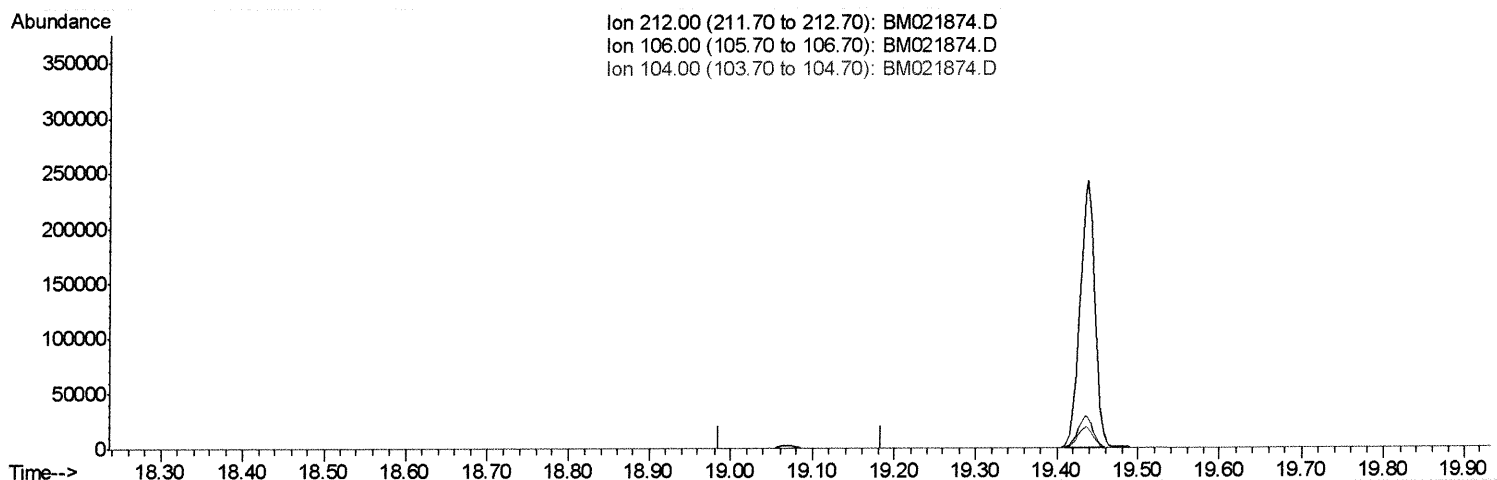
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.085min (-19.085) 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\BM080619\
Quantitation Report (Qedit)

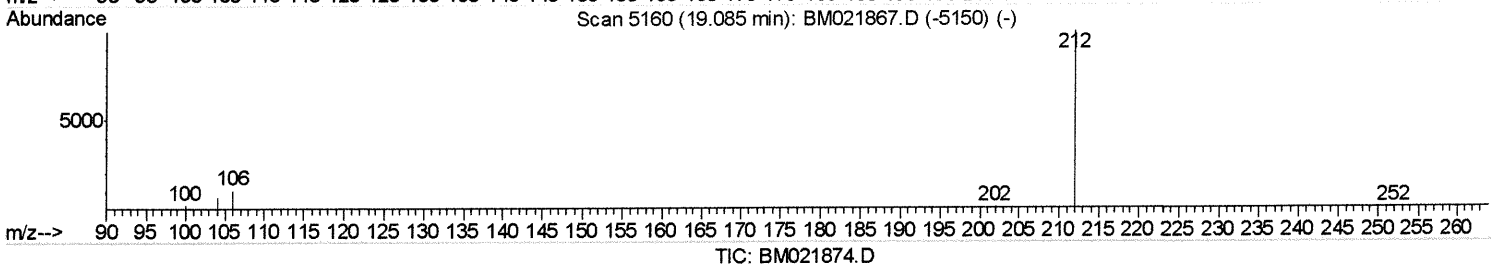
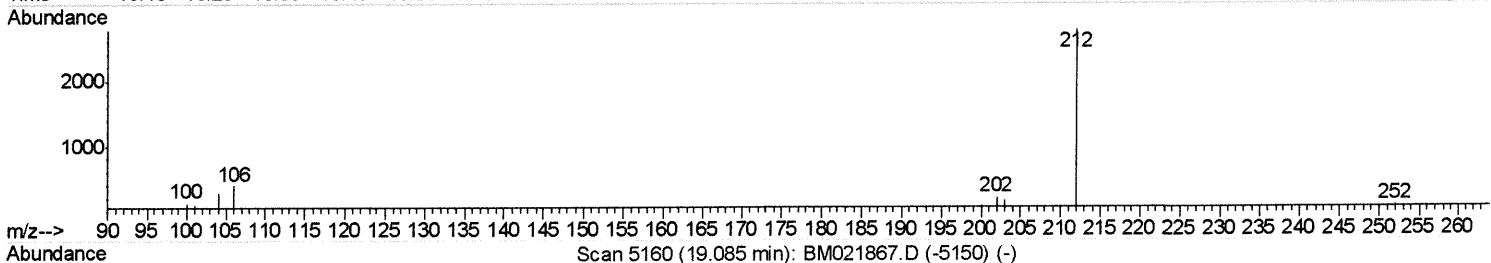
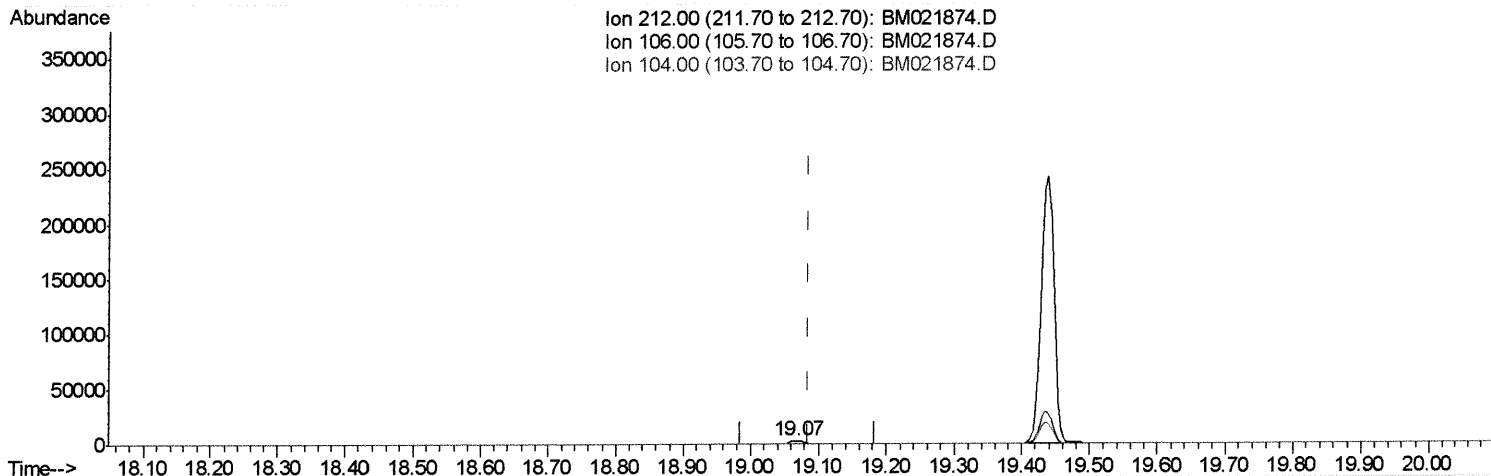
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.068min (-0.017) 0.23ng/ul m

JU
08/07/19

response 3648

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\BM080619\
Quantitation Report (Qedit)

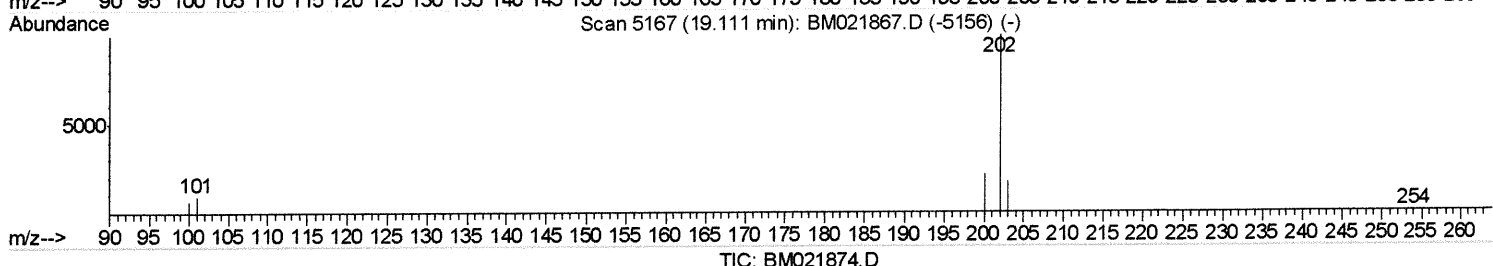
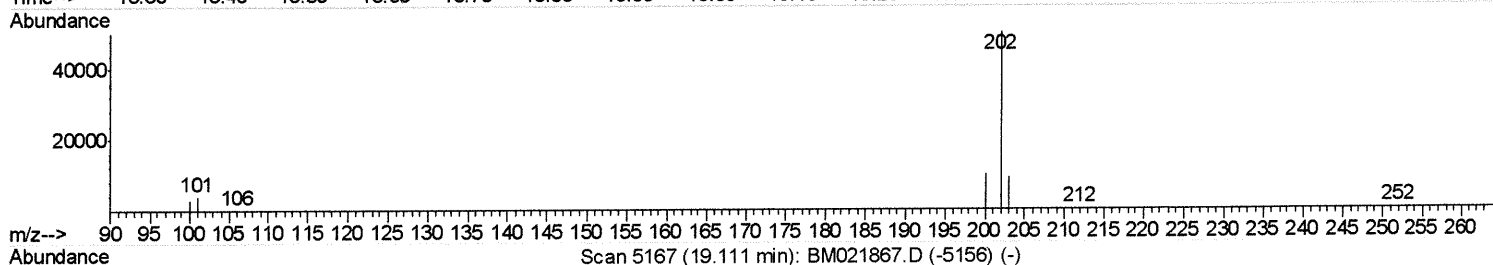
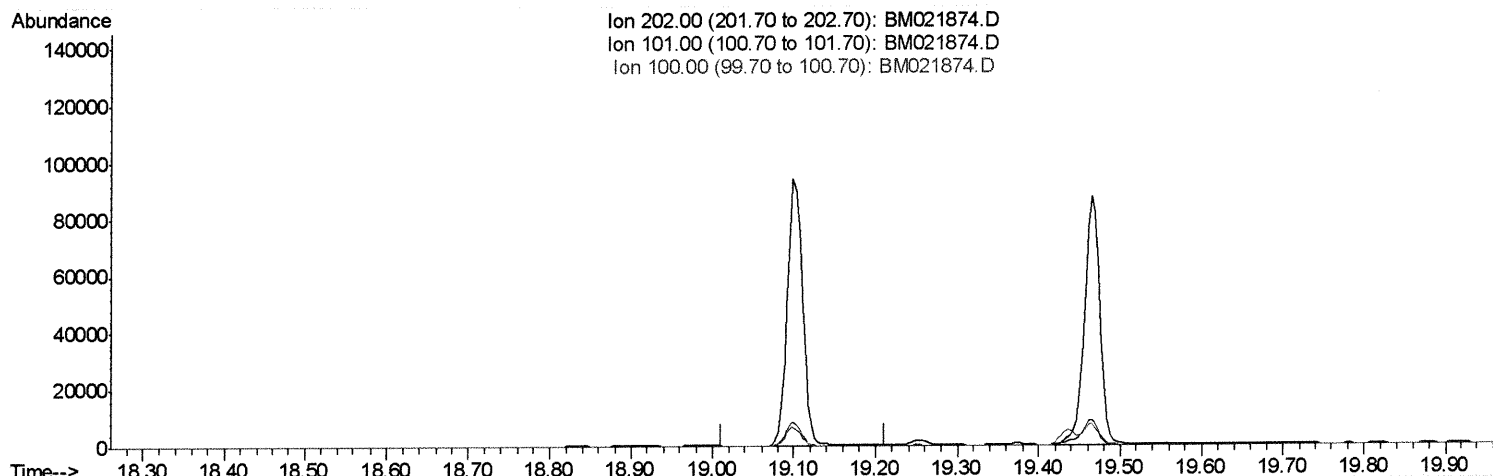
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.111min (-19.111) 0.00ng/ul

response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

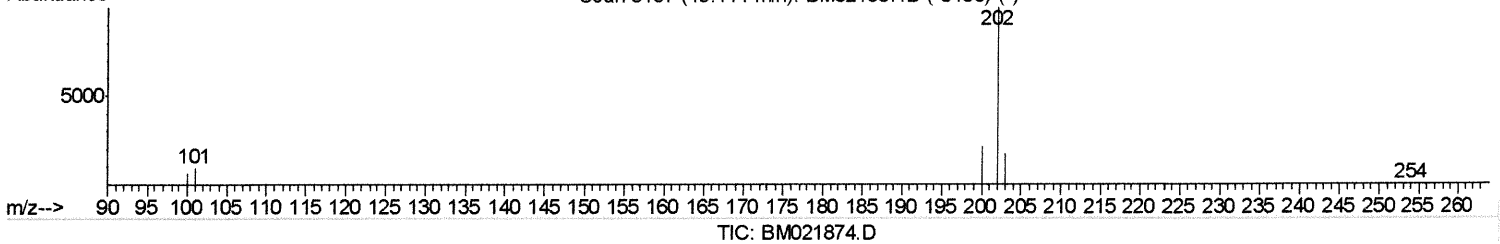
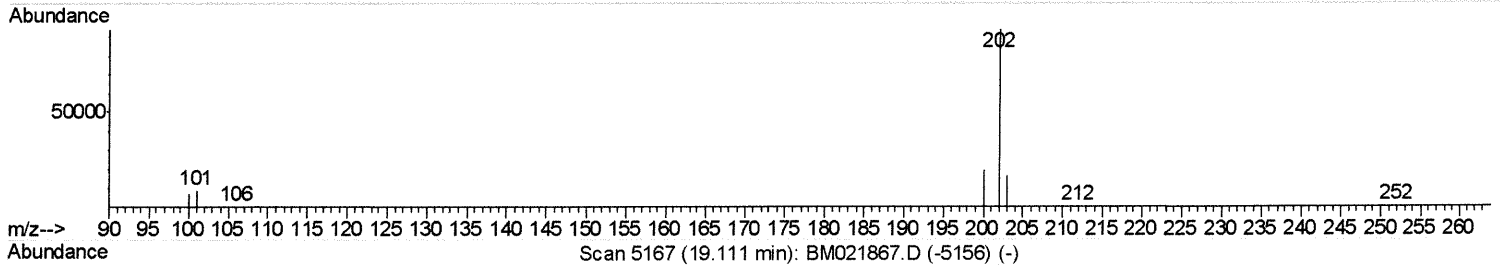
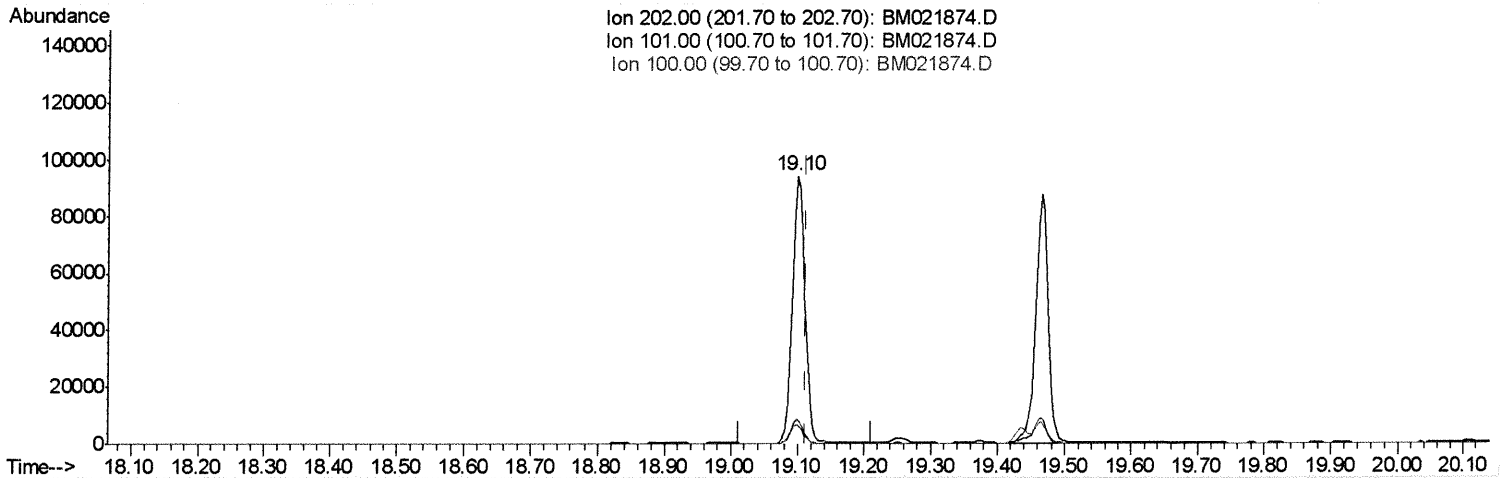
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.098min (-0.013) 6.68ng/ul m

response 124193

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.10
100.00	8.10	7.13
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

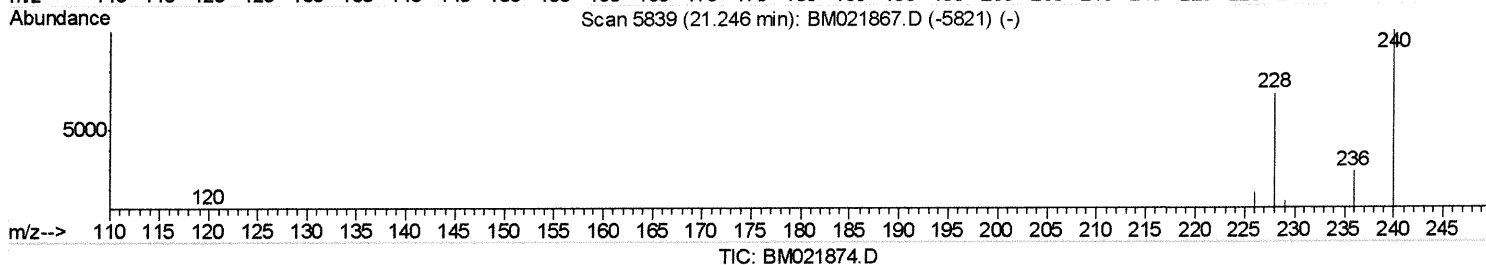
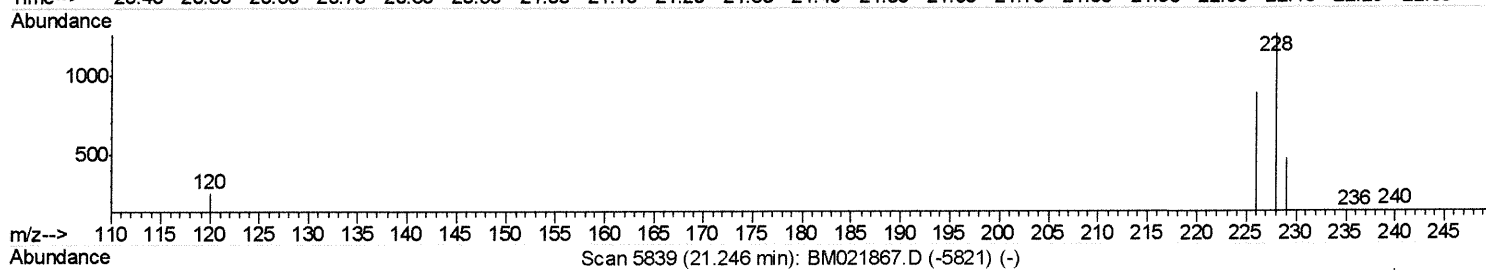
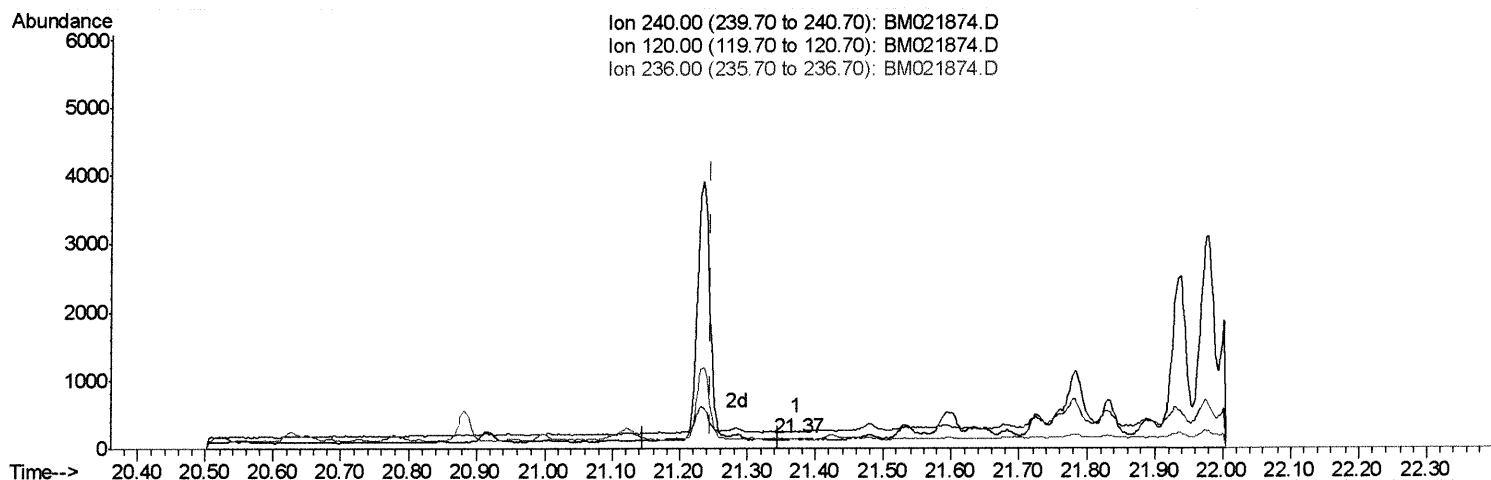
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.372min (+0.126) 0.40ng/ul

response 23

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	177.78#
236.00	32.30	97.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

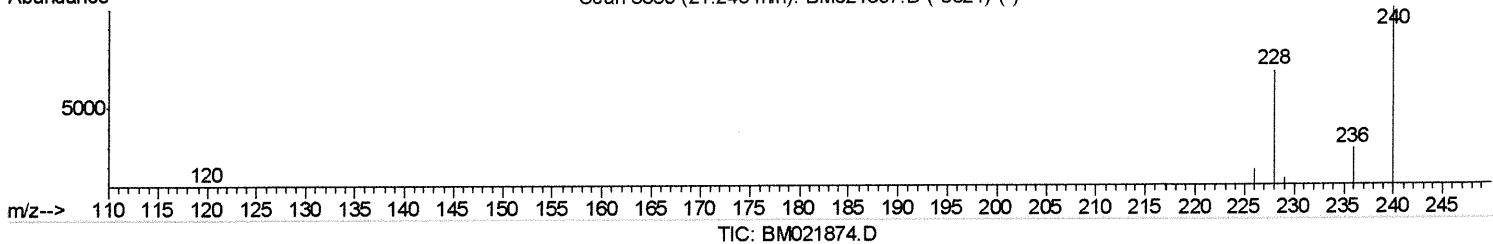
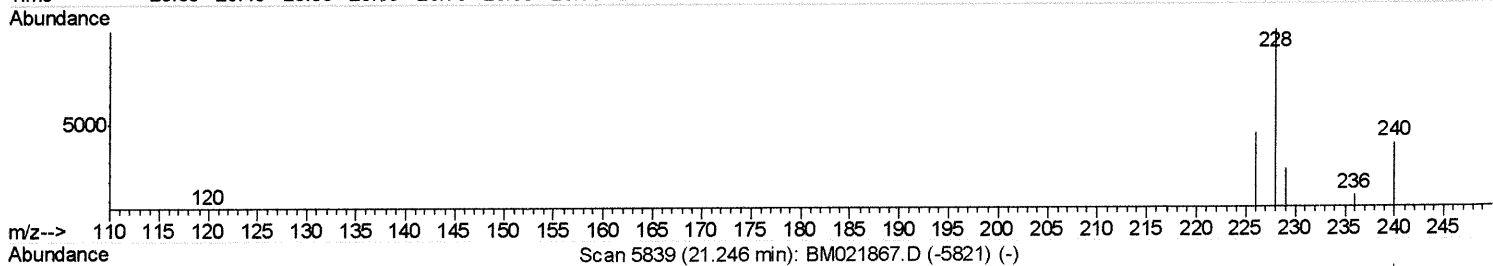
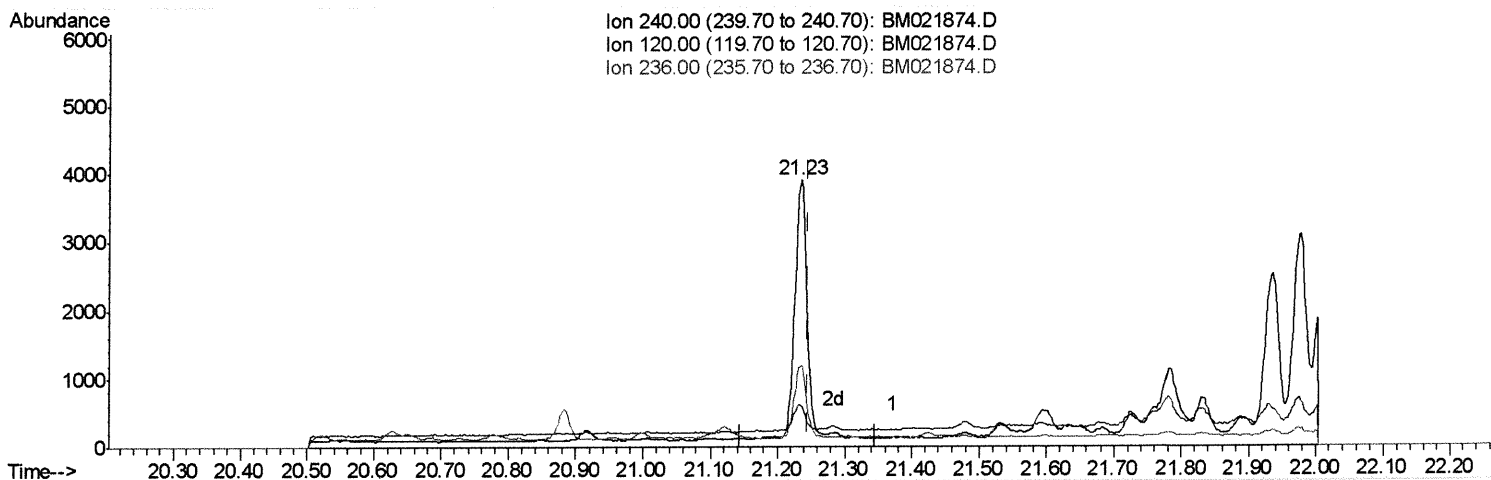
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:18:35 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.234min (-0.012) 0.40ng/ul m *JU 08/07/19*

response 4625

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.37
236.00	32.30	30.64
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

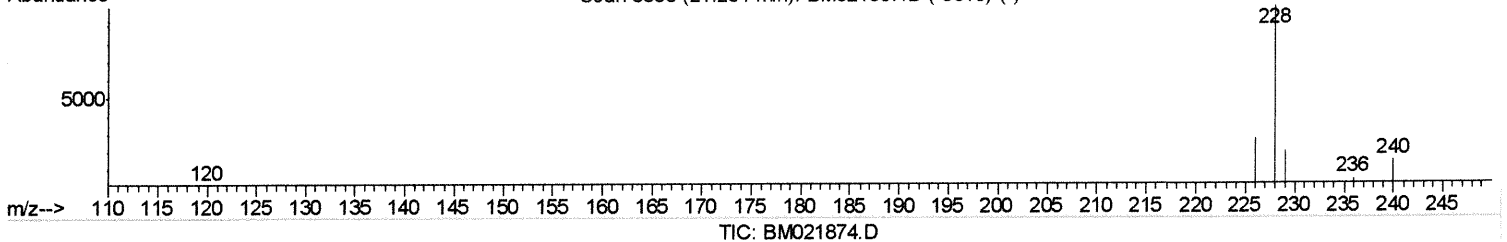
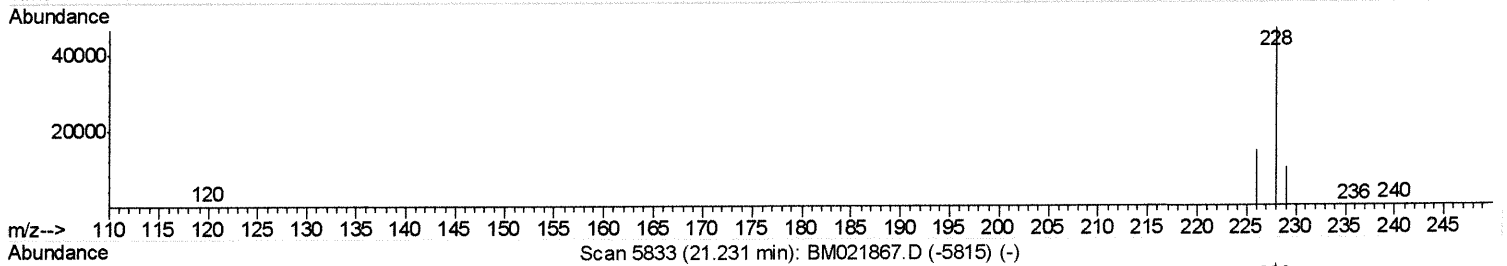
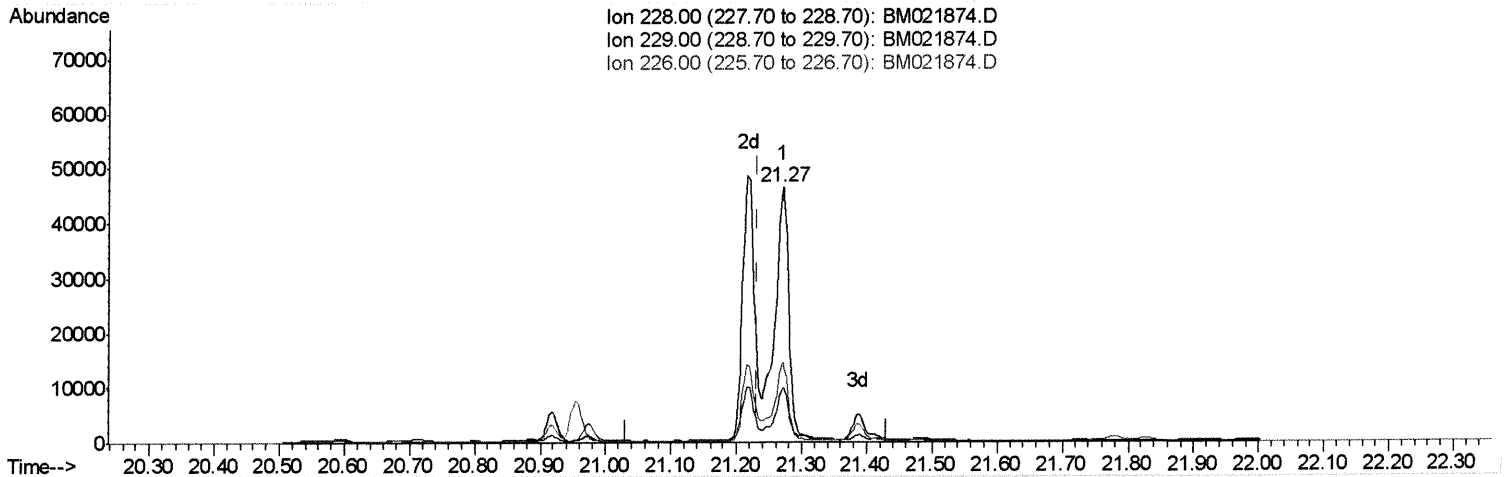
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:22:37 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene
21.270min (+0.039) 4.28ng/ul
response 70807

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.54
226.00	28.30	31.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

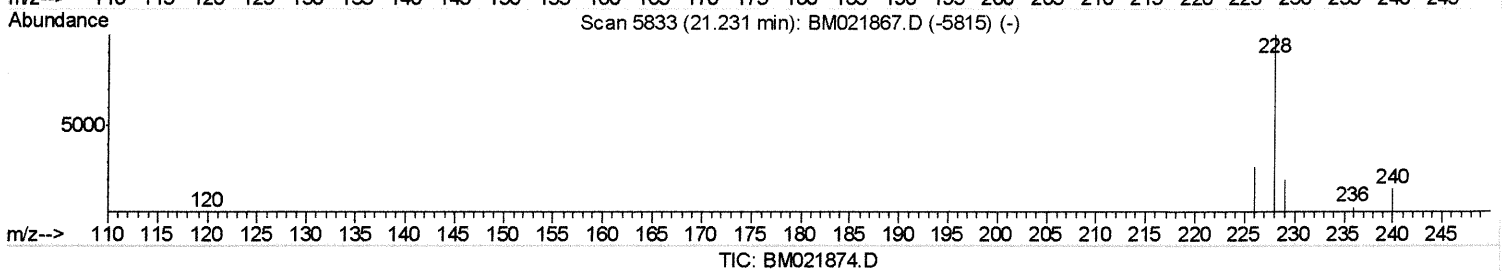
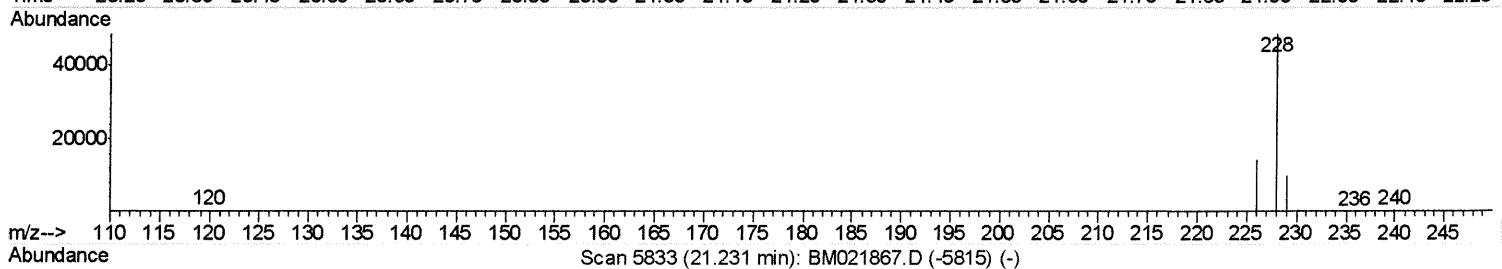
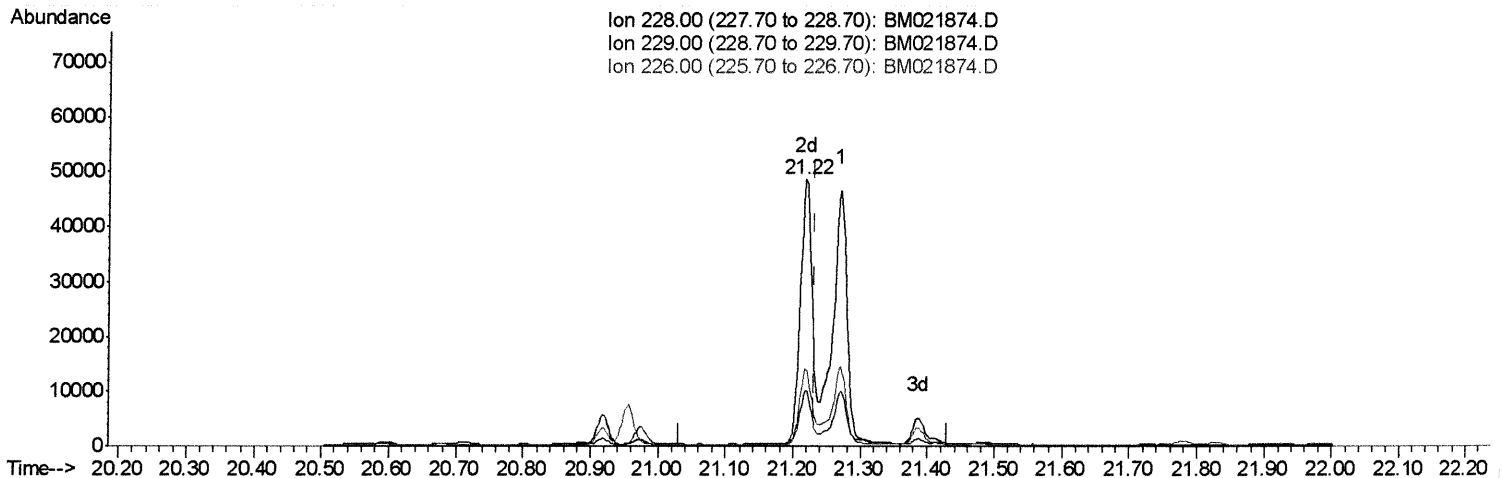
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:22:37 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.217min (-0.015) 3.71ng/ul m

JU
08/07/19

response 61404

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.35
226.00	28.30	28.90
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

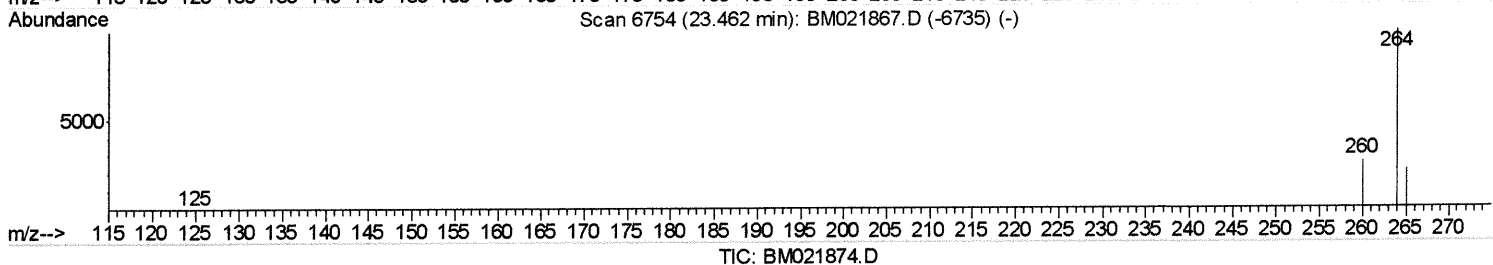
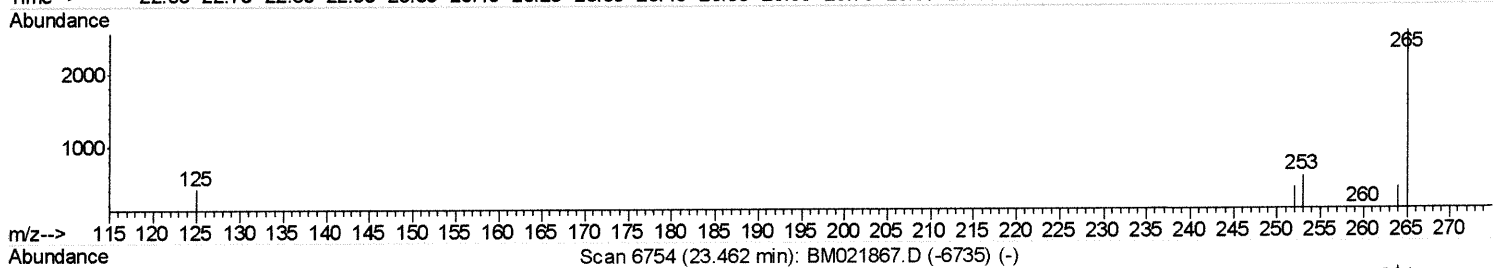
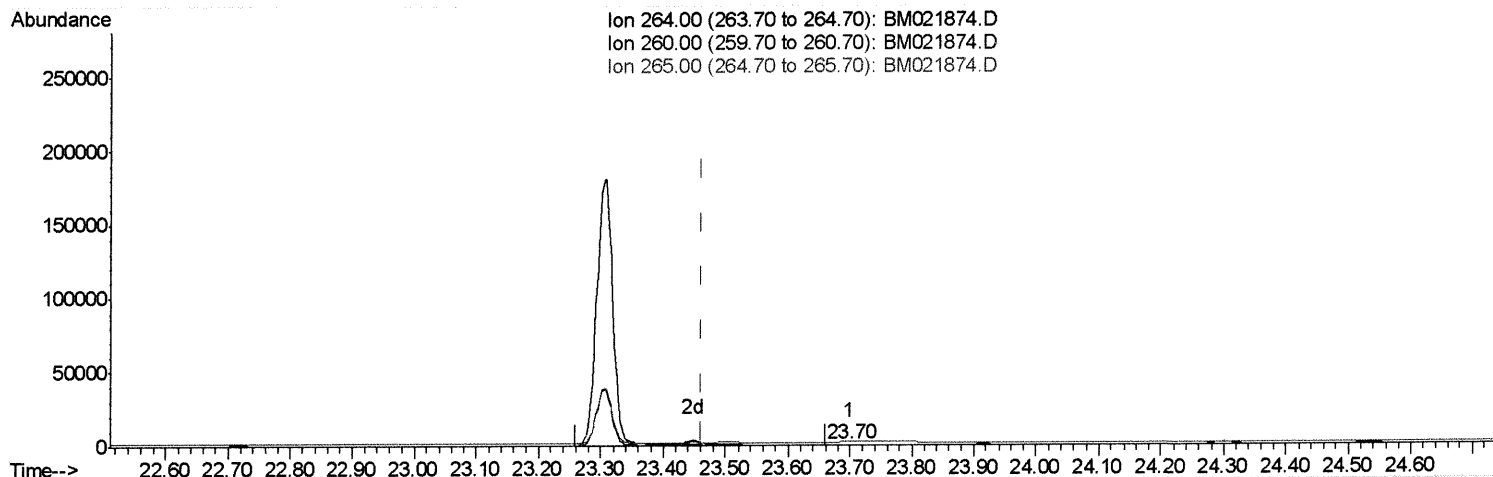
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:22:37 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)
23.699min (+0.237) 0.40ng/ul
response 349

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	32.85
265.00	117.00	620.05#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

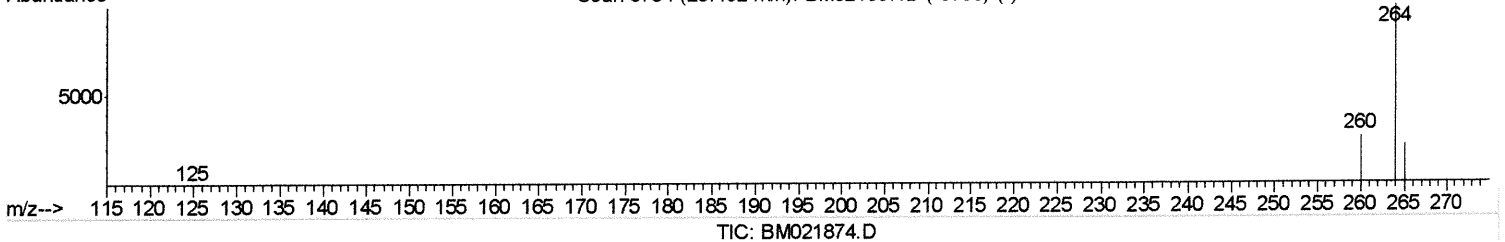
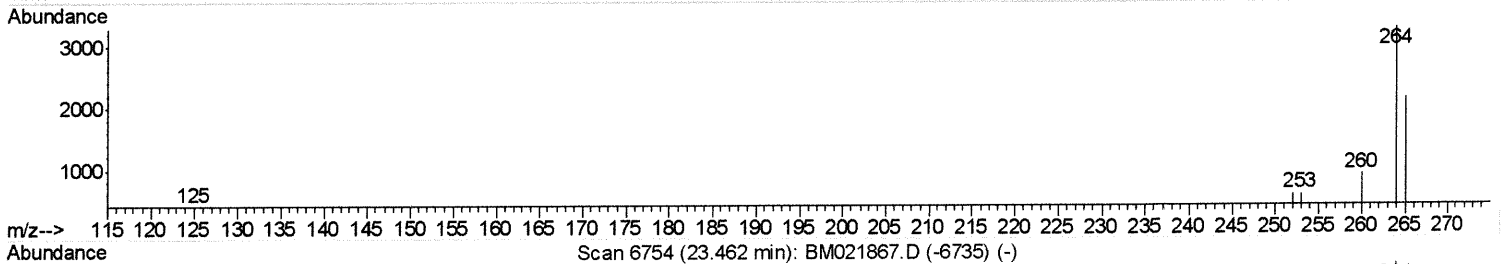
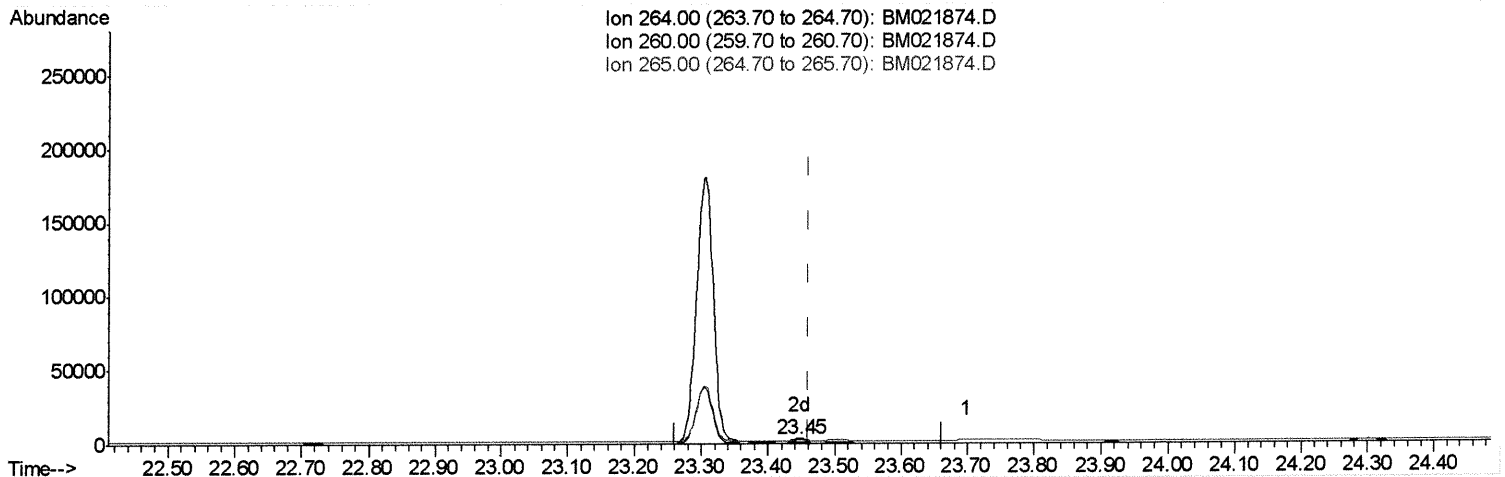
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:22:37 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.447min (-0.015) 0.40ng/ul m *JU 08/07/19*

response 5037

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.70
265.00	117.00	65.52#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

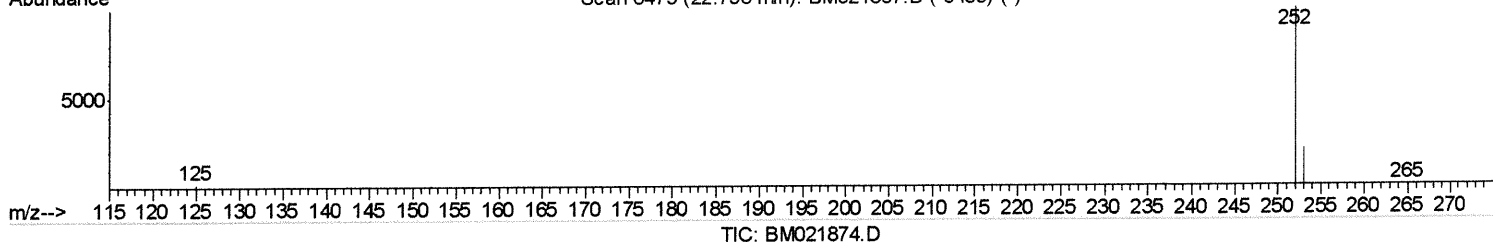
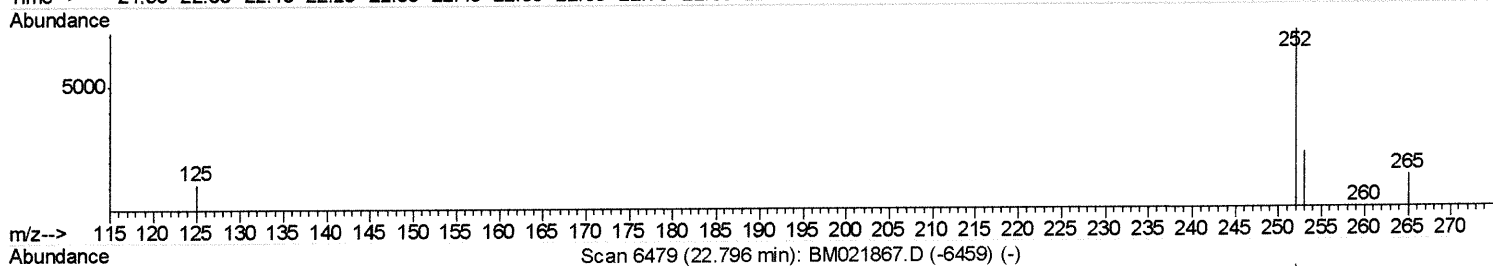
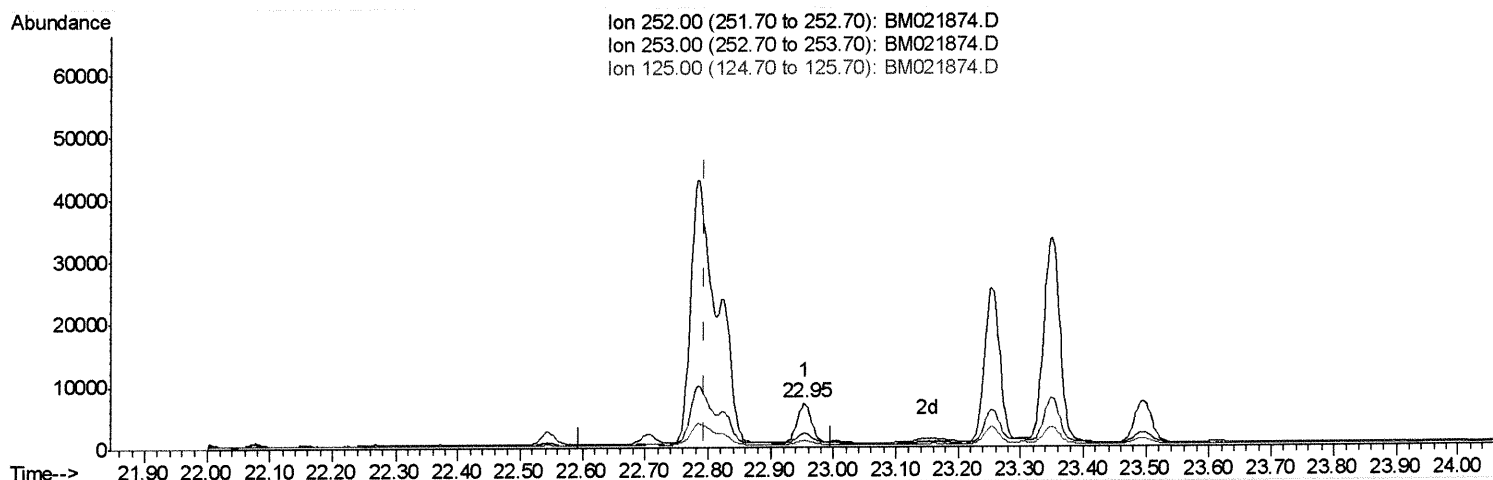
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene
22.953min (+0.157) 0.68ng/ul
response 11470

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.35
125.00	15.50	15.43
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

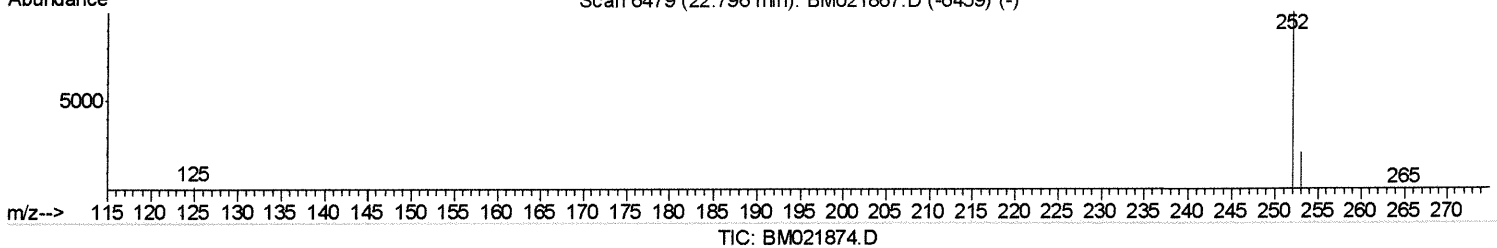
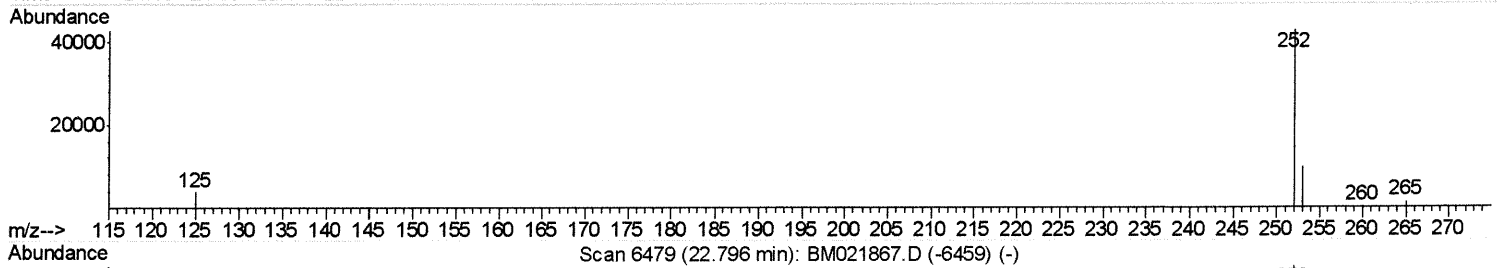
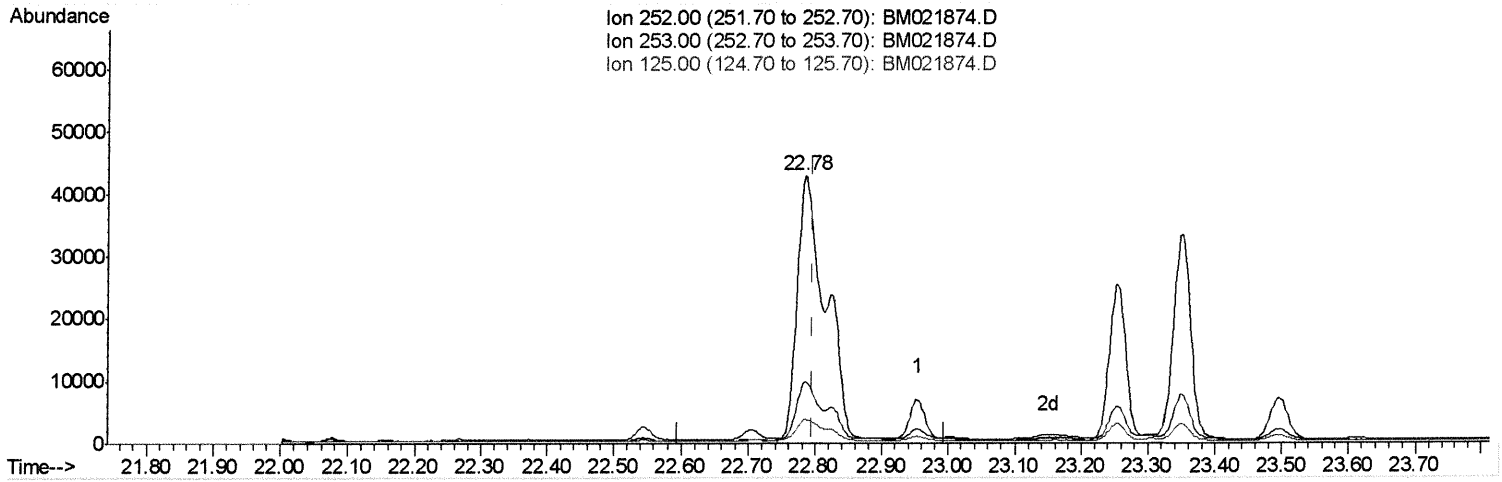
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.783min (-0.012) 5.46ng/ul m

JU
08/07/19

response 92790

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.13
125.00	15.50	9.02
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

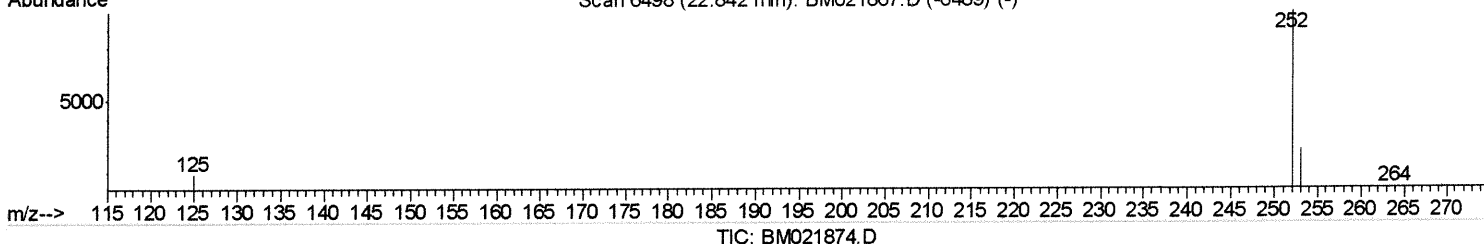
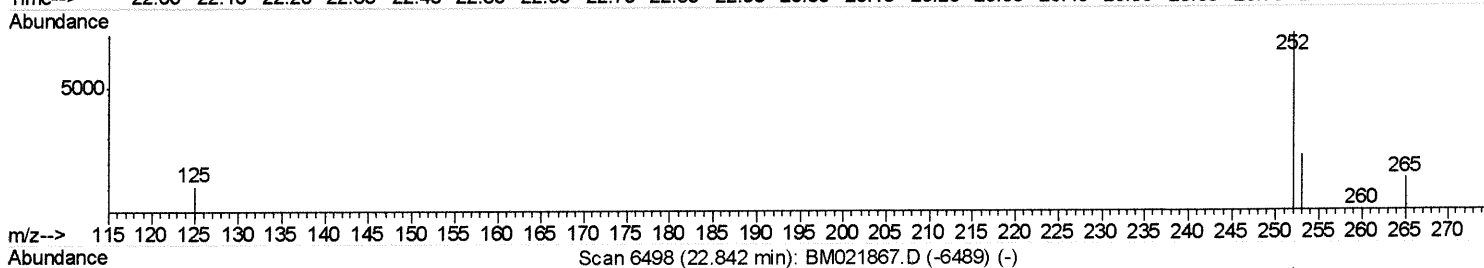
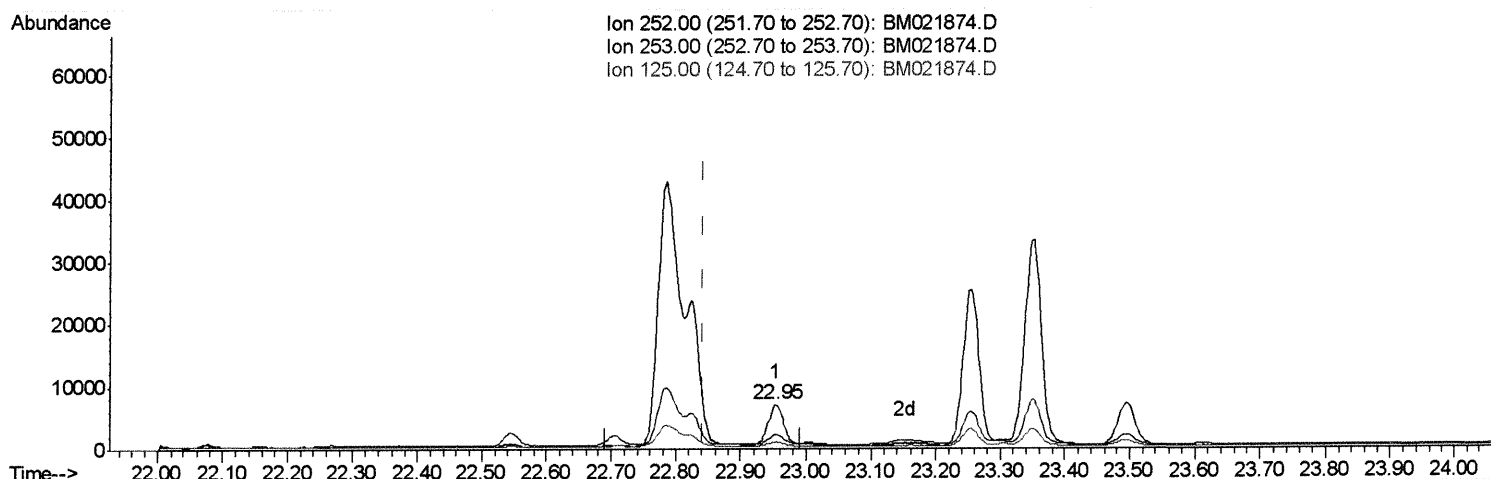
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene
22.953min (+0.111) 0.59ng/ul
response 11311

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.35
125.00	15.20	15.43
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

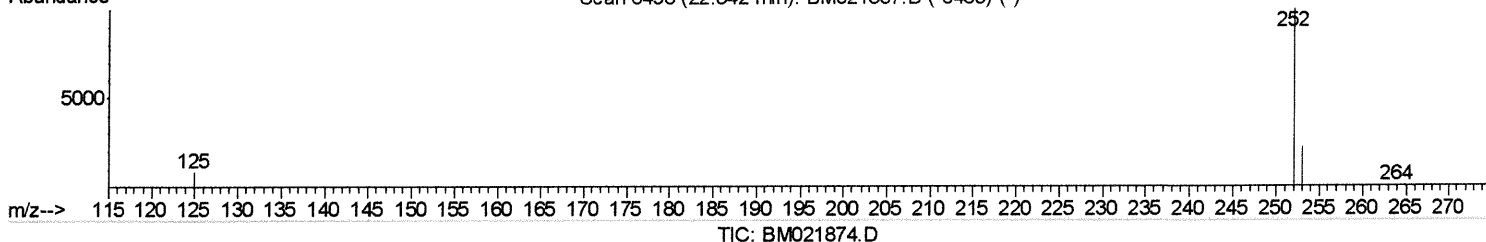
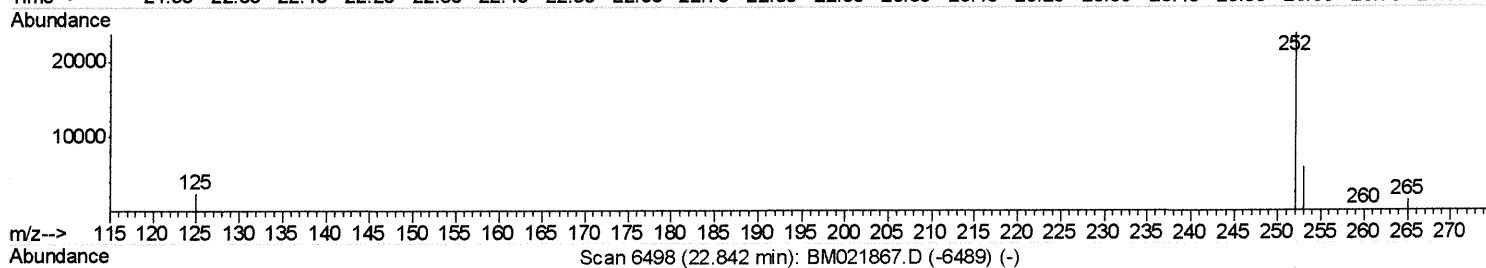
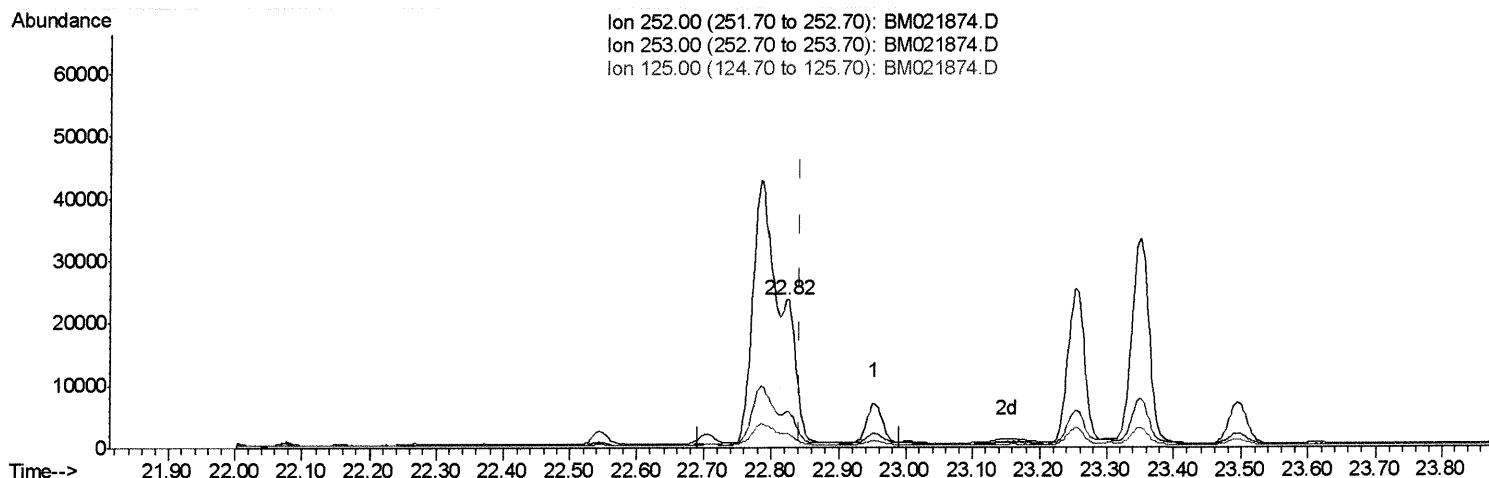
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.822min (-0.020) 1.79ng/ul m *JU 08/07/19*

response 34449

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.49#
125.00	15.20	9.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

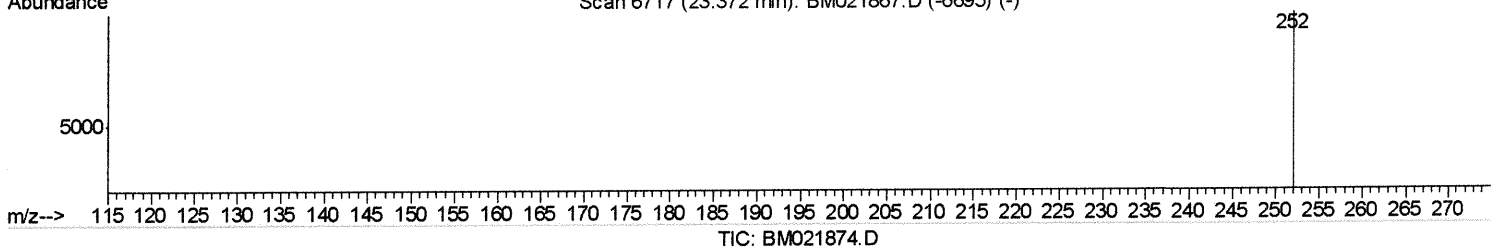
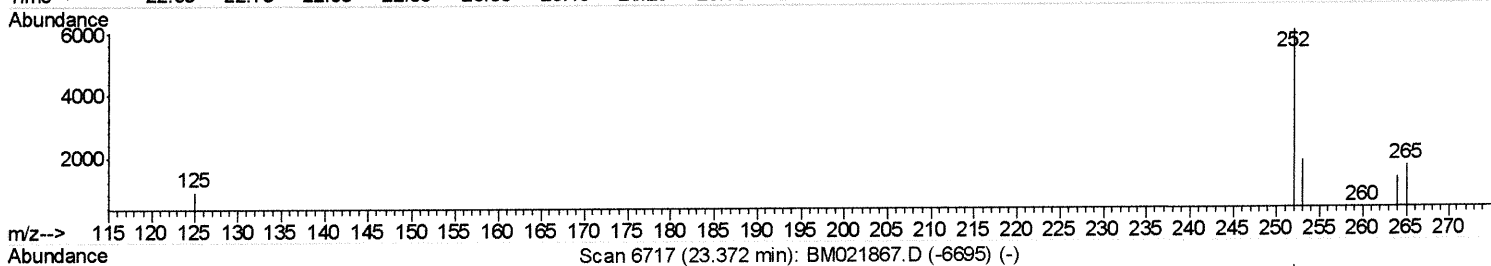
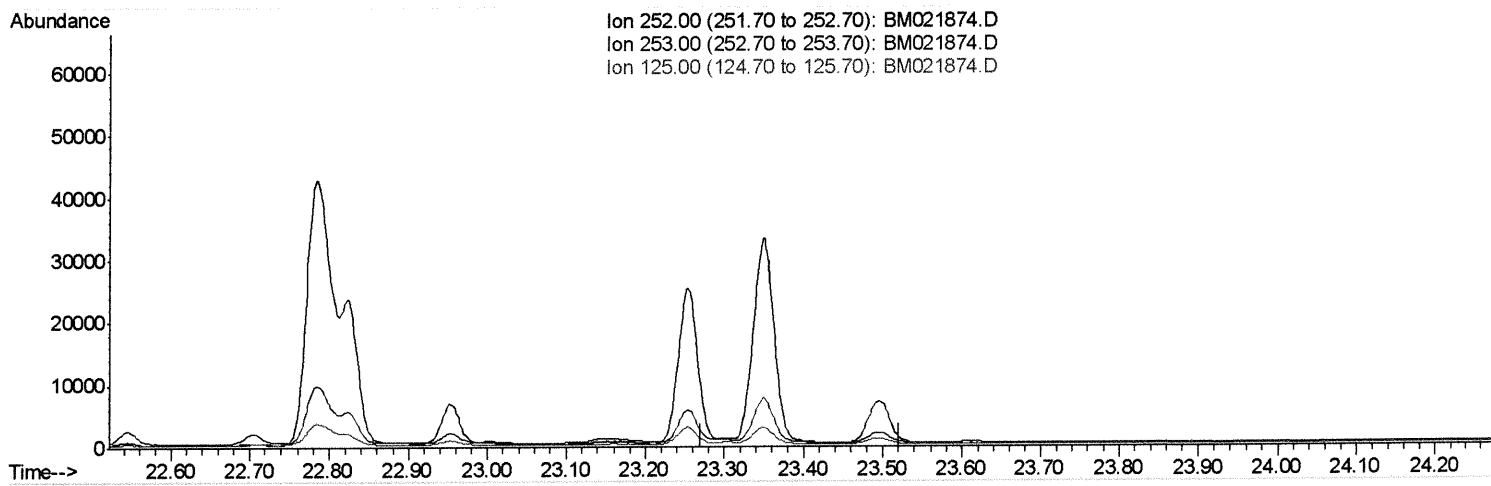
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
23.372min (-23.372) 0.00ng/ul
response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

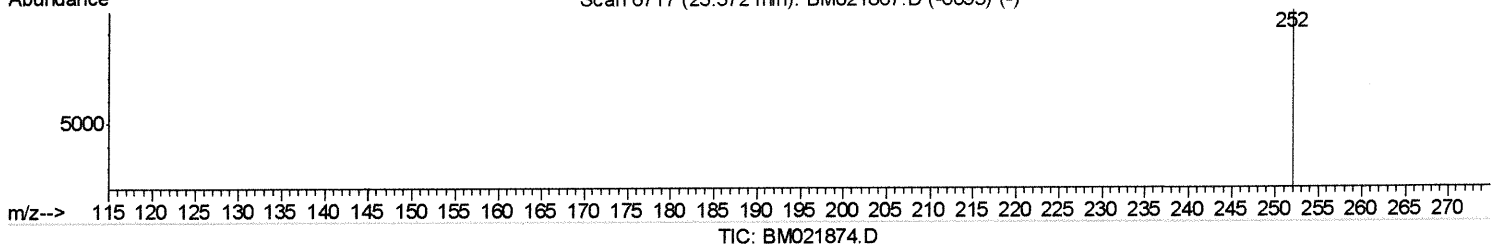
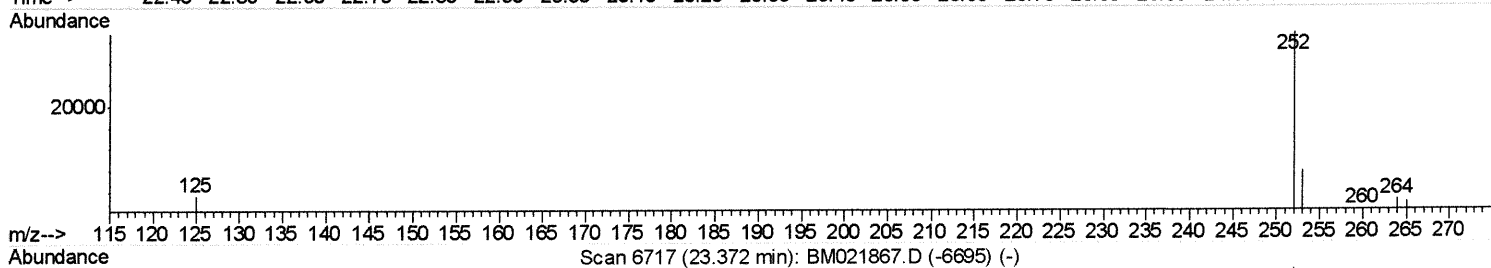
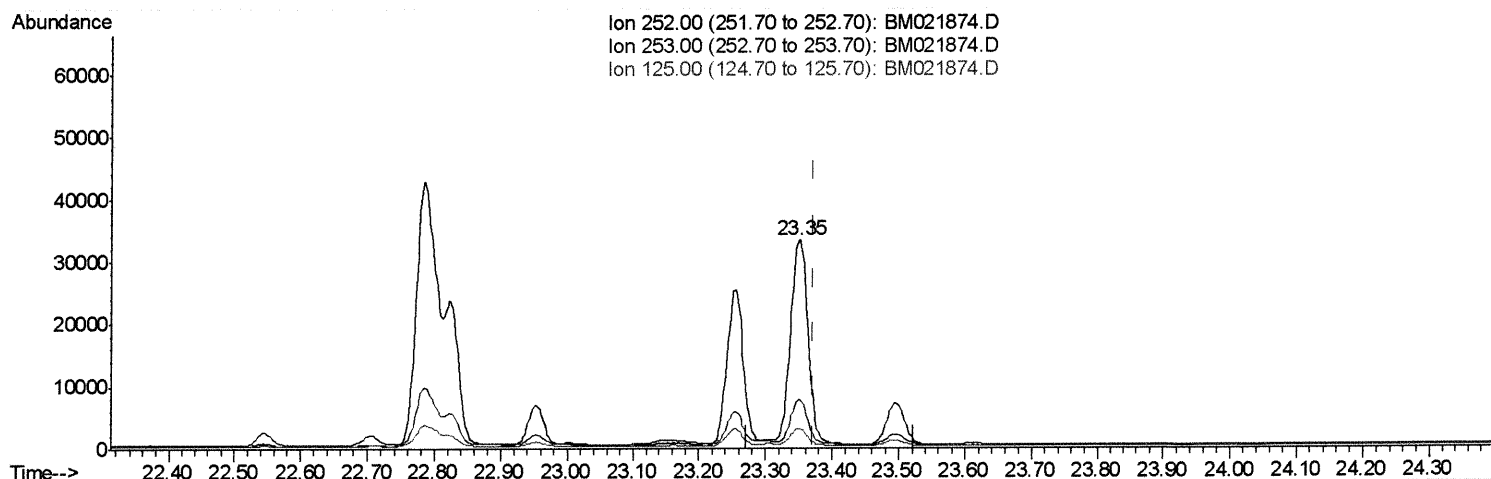
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.350min (-0.022) 3.43ng/ul m

JU
08/07/19

response 59259

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	23.27#
125.00	18.20	9.44#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

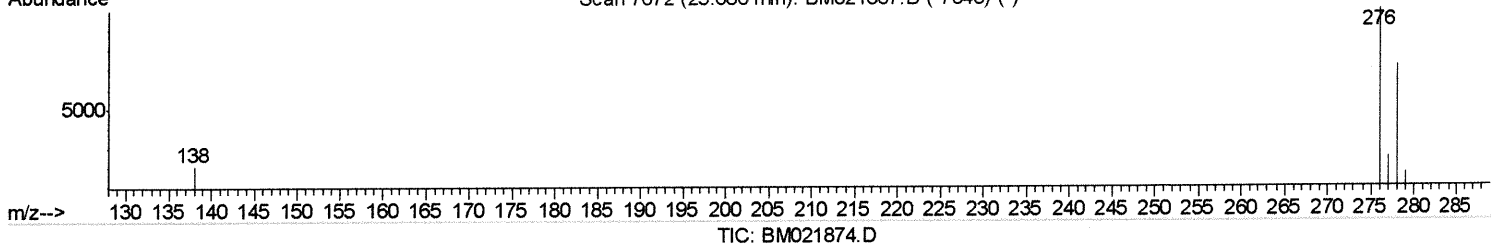
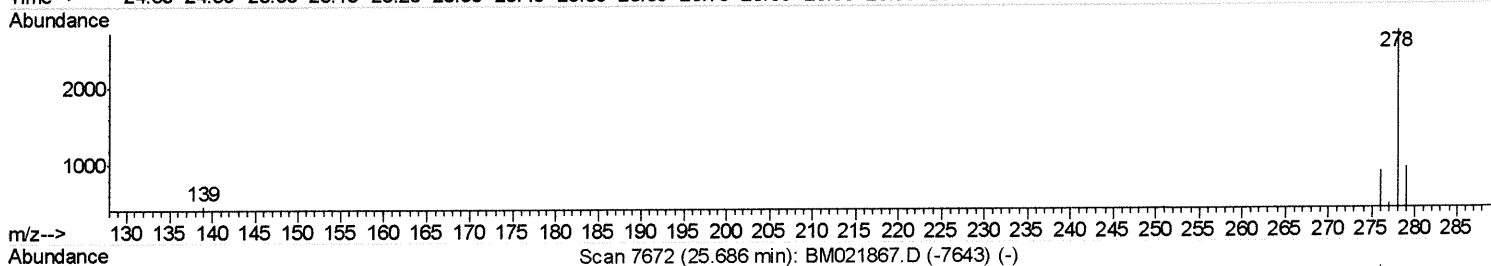
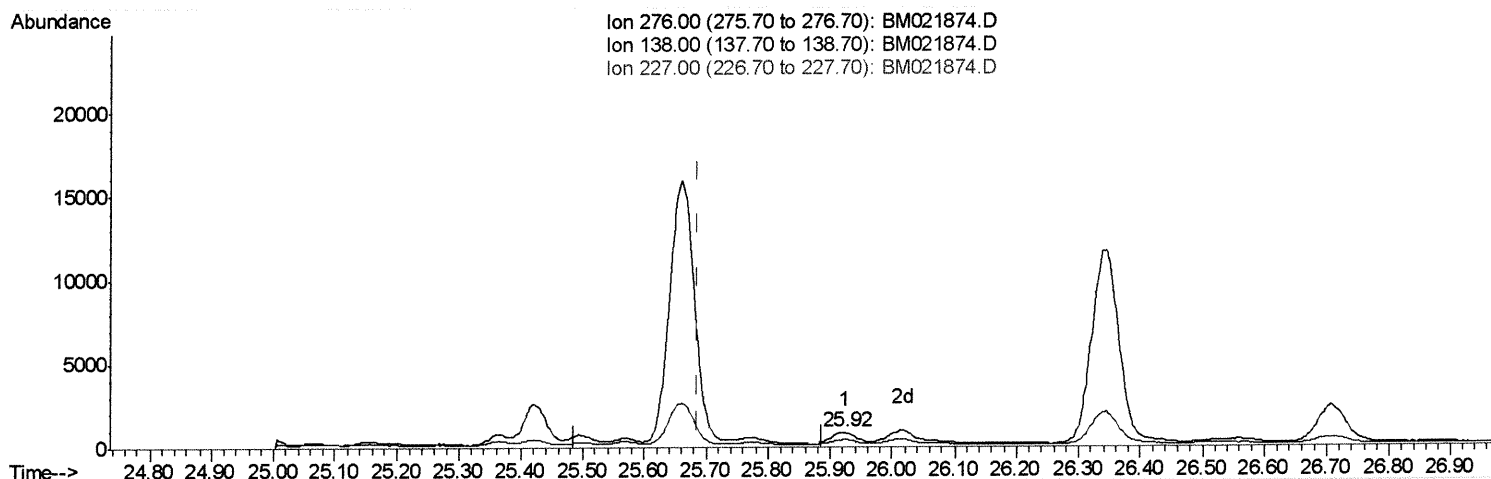
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



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

25.923min (+0.237) 0.09ng/ul

response 1924

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	42.62#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

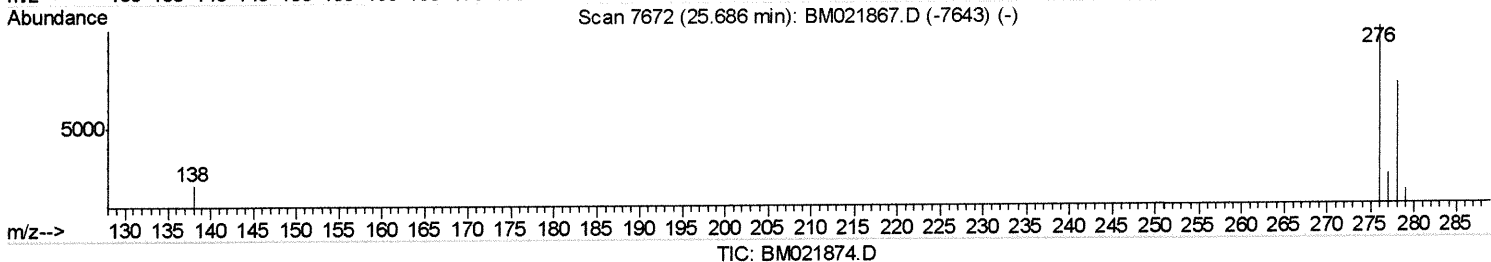
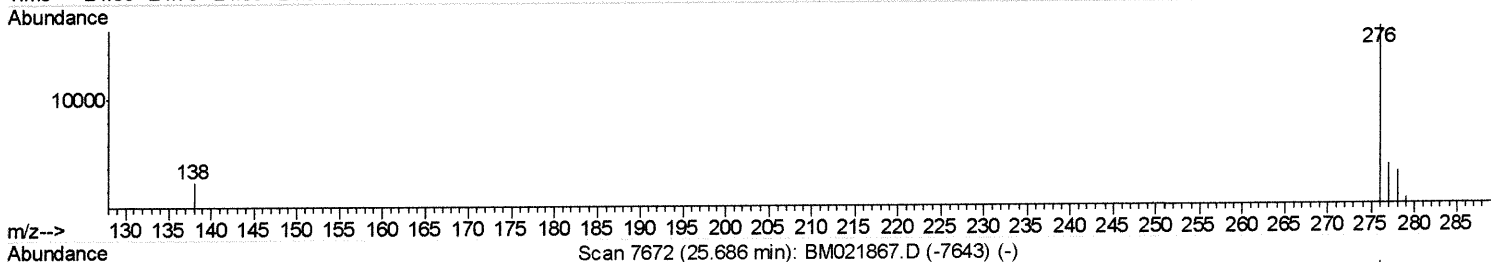
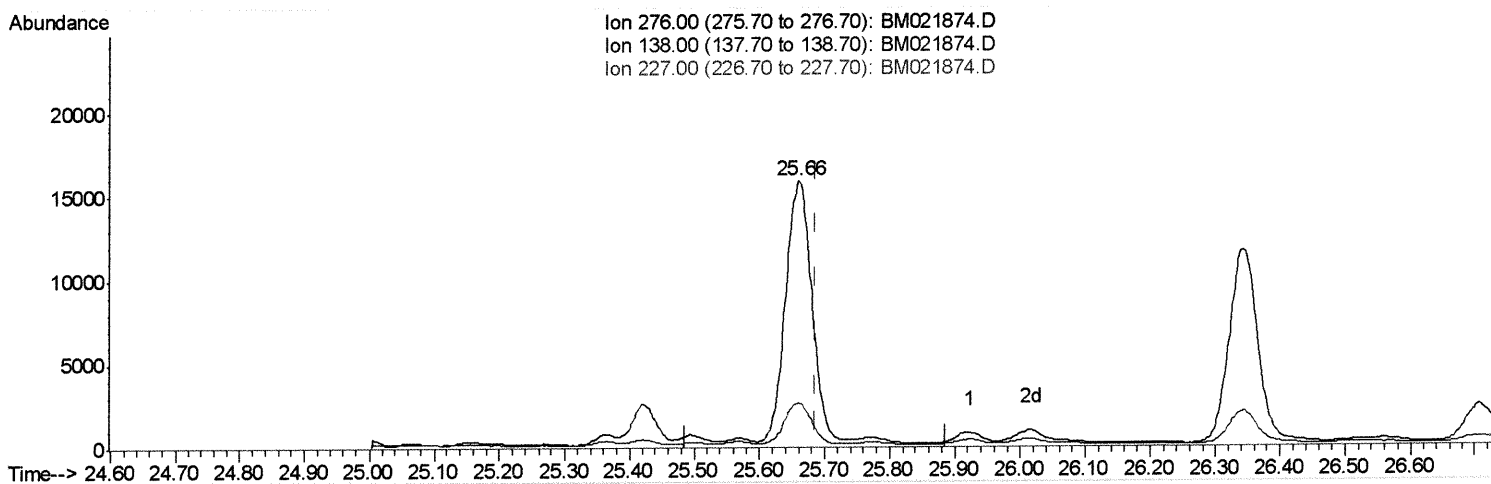
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



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

25.659min (-0.027) 2.14ng/ul m

JU
08/08/19

response 44139

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.86#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

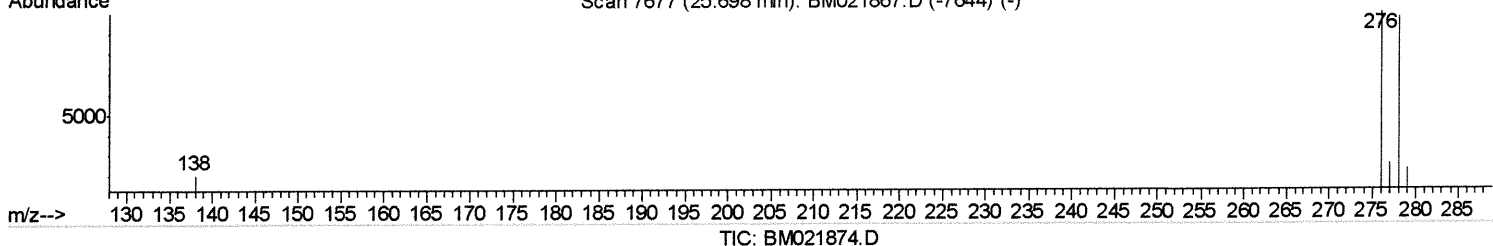
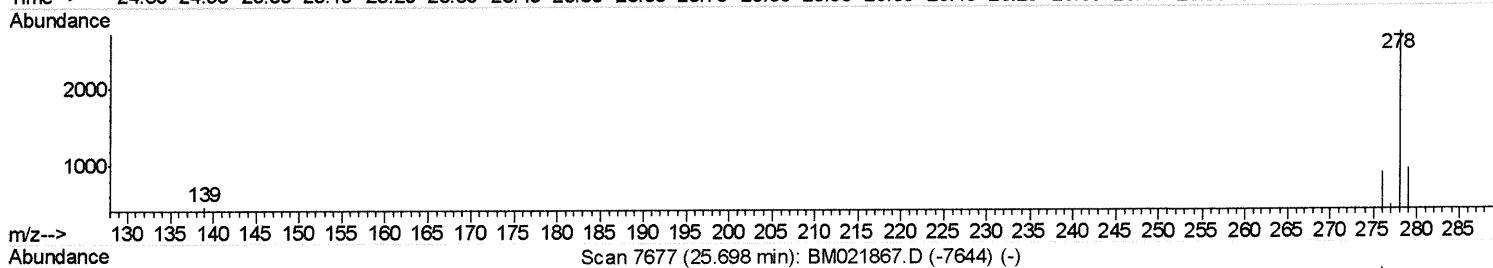
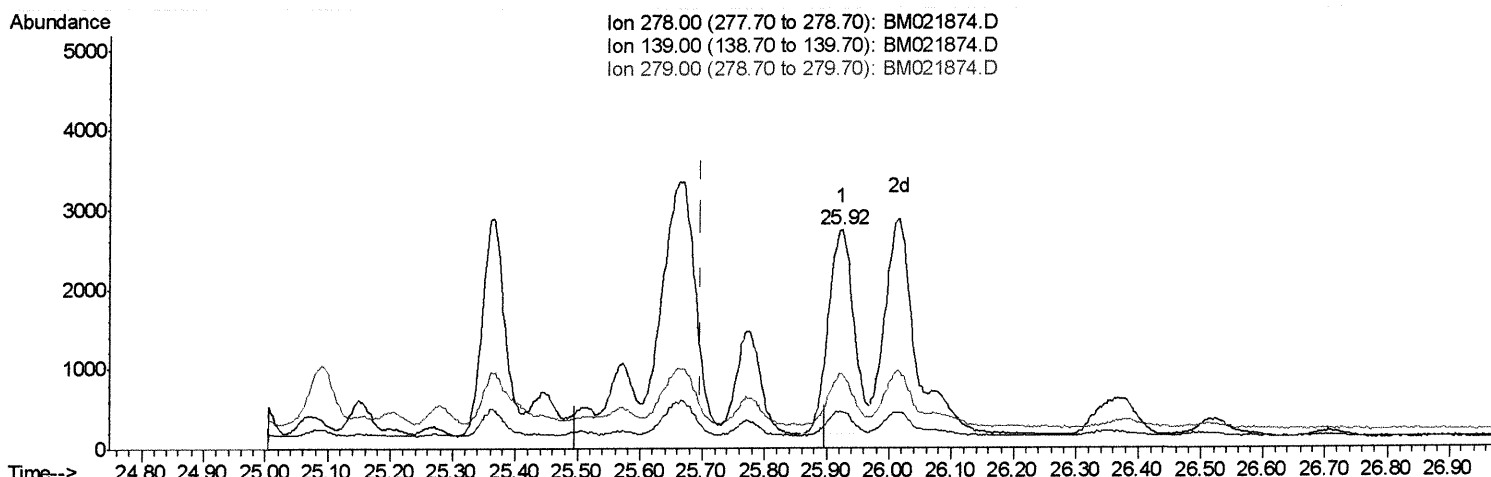
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.923min (+0.225) 0.44ng/ul

response 7402

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	16.92
279.00	35.40	34.03
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

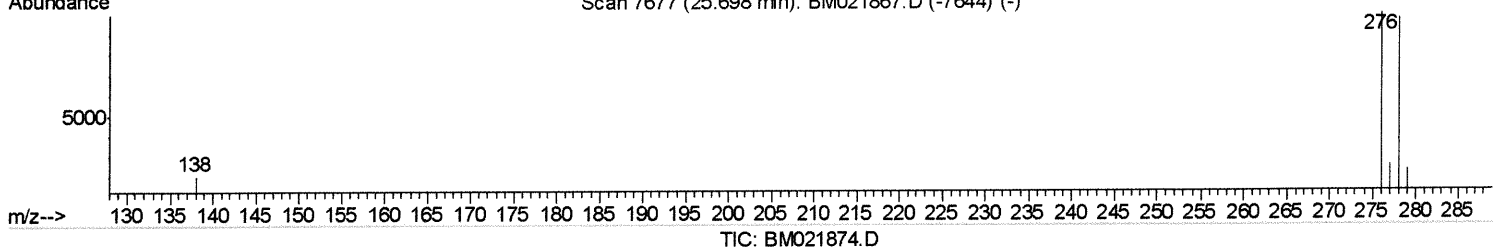
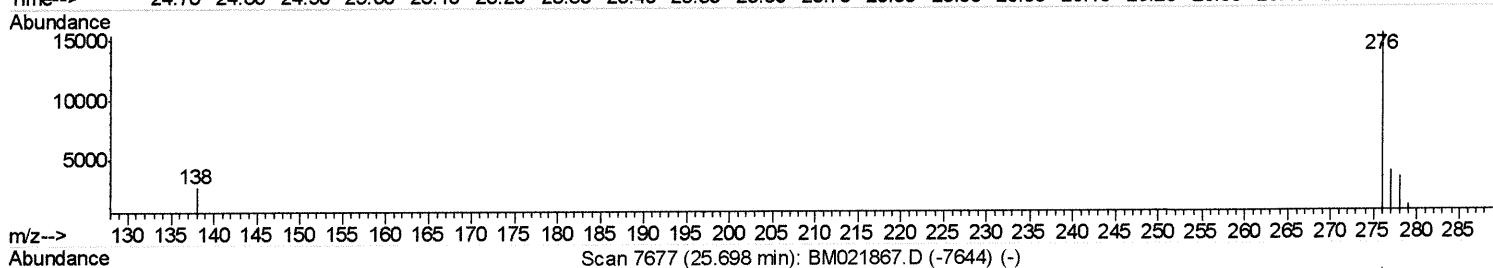
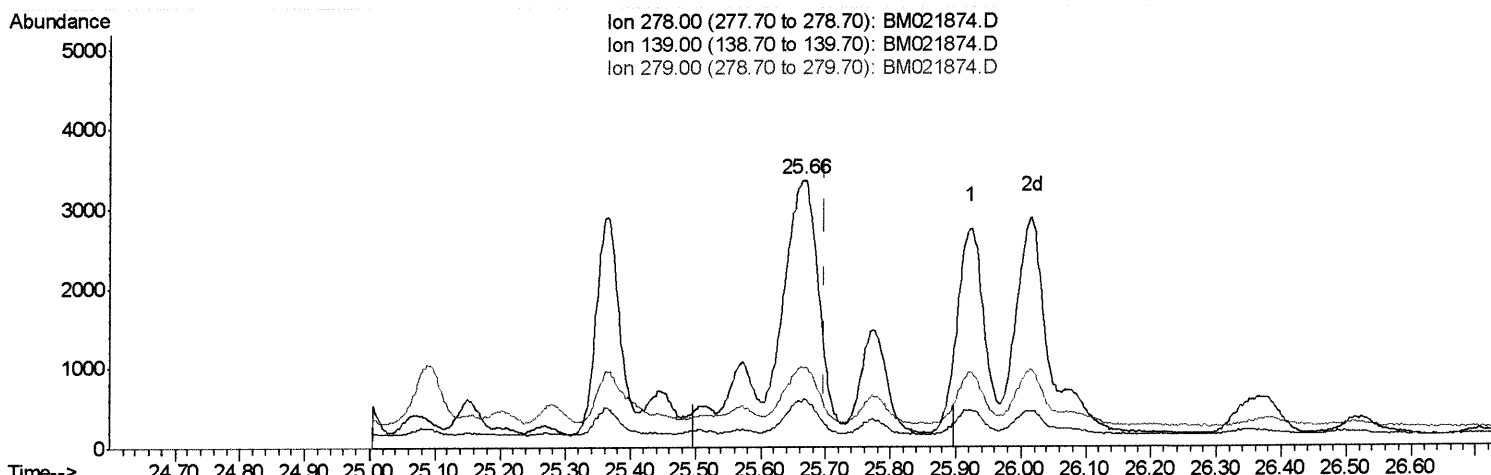
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.664min (-0.034) 0.69ng/ul m

response 11488

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	17.58
279.00	35.40	30.14
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

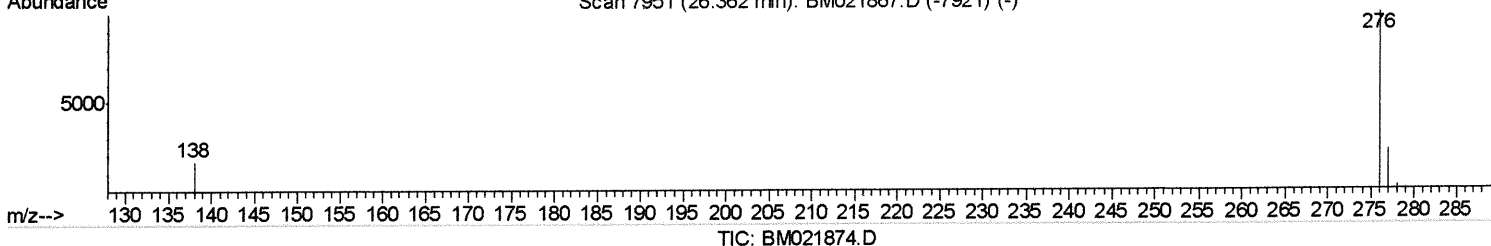
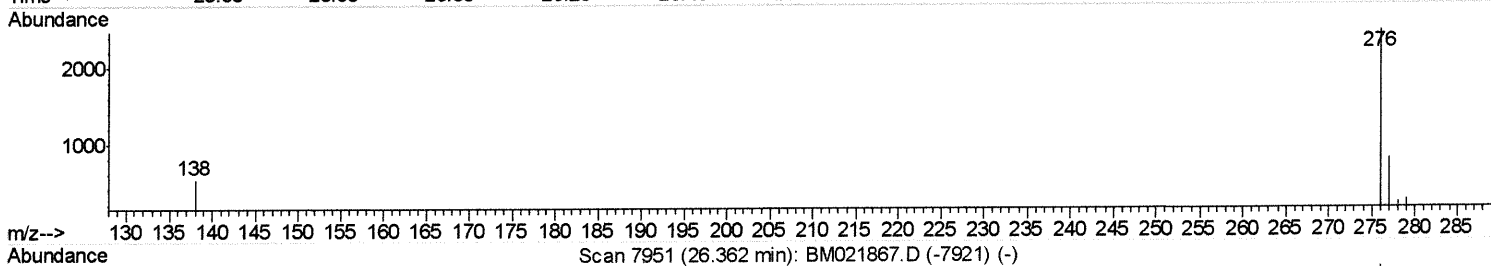
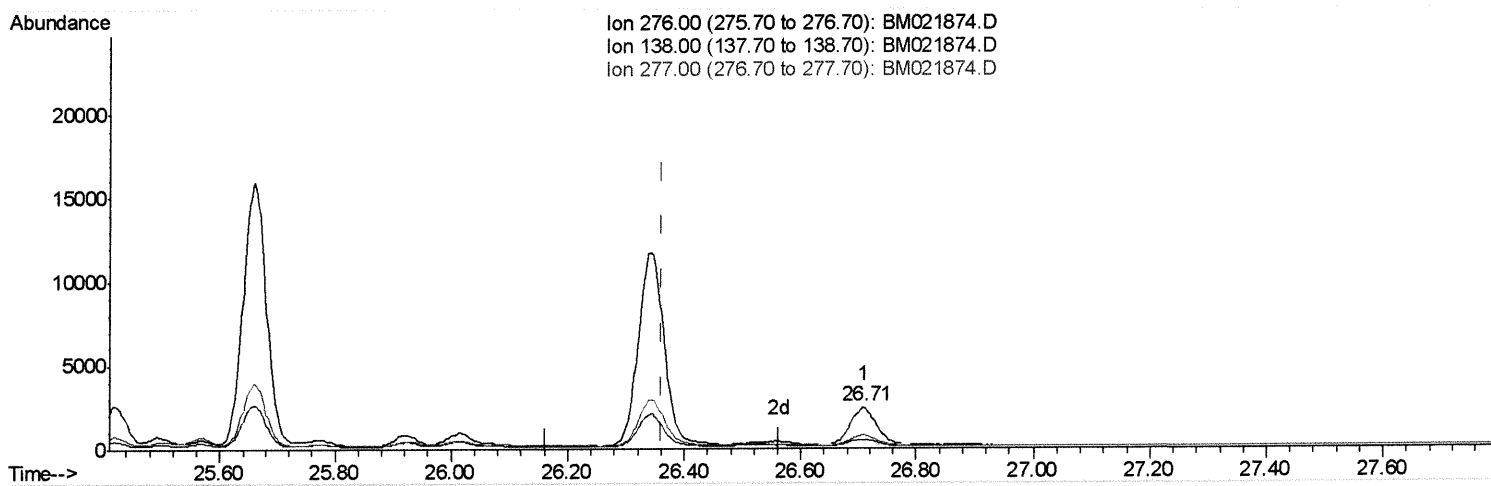
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
26.708min (+0.346) 0.38ng/ul
response 7101
Ion Exp% Act%
276.00 100 100
138.00 19.40 21.83
277.00 26.80 31.65
0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (Qedit)

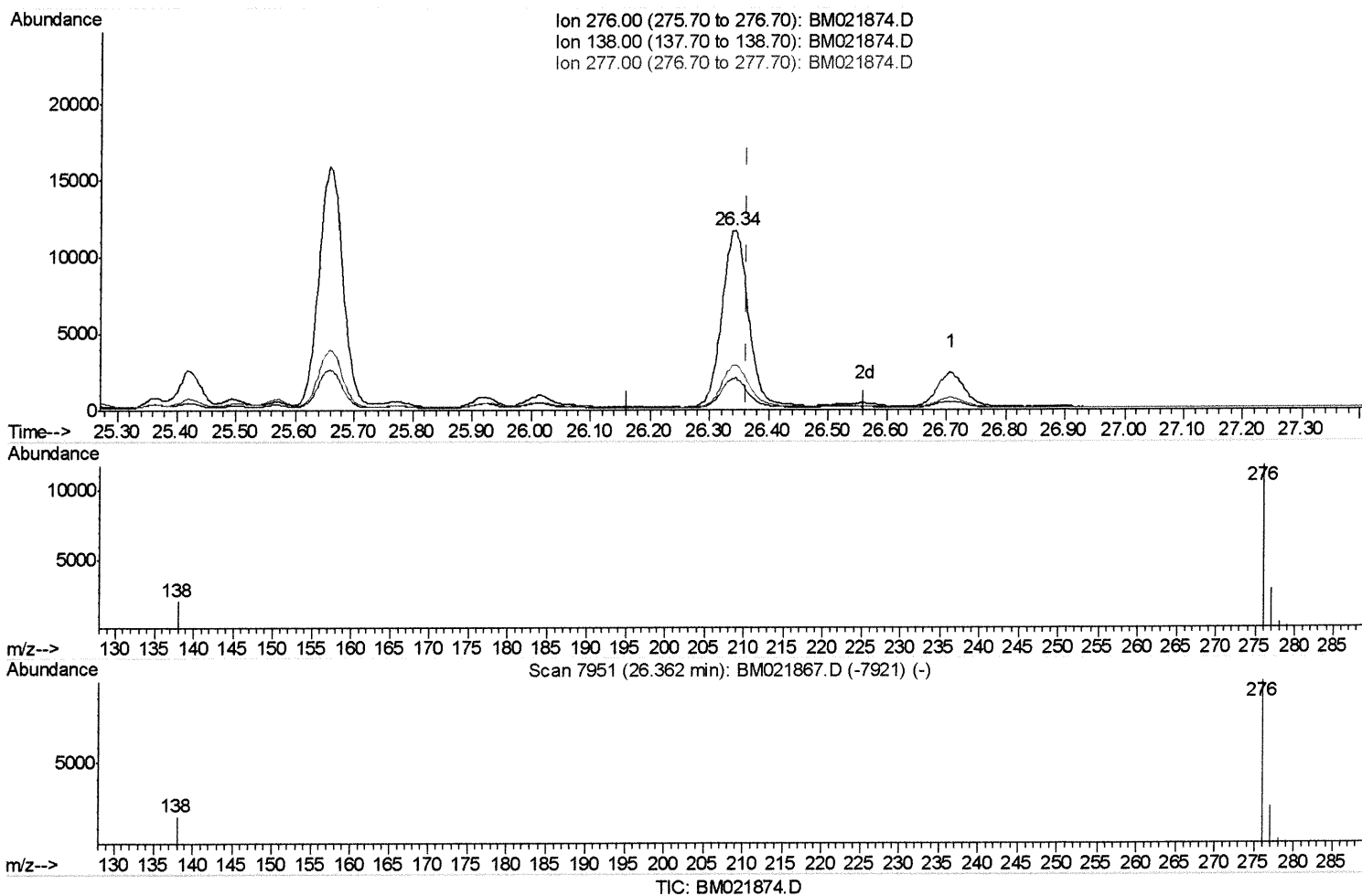
Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:23:59 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 : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration



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

26.343min (-0.020) 1.93ng/ul m *JU 08/07/19*

response 35744

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	17.90
277.00	26.80	24.84
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\
Quantitation Report (QT Reviewed)

Data File : BM021874.D
Acq On : 07 Aug 2019 00:46
Operator : HP/JU
Sample : K3893-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP12

Manual Integrations
APPROVED

mohammad
8/7/2019 12:12:34 PM

Quant Time: Aug 07 05:26:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	849	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3592	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2007	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4771m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4625m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	5037m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1302	0.22	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	3648m	0.23	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.45	128	992	0.098	ng/ul#	90
5) 2-Methylnaphthalene	12.09	142	401	0.059	ng/ul	99
7) Acenaphthylene	14.00	152	3147	0.336	ng/ul#	83
8) Acenaphthene	14.34	153	1574	0.206	ng/ul	99
9) Fluorene	15.34	166	1916	0.225	ng/ul	97
11) Pentachlorophenol	16.70	266	99m	0.112	ng/ul	99
12) Phenanthrene	17.07	178	42157m	3.037	ng/ul	99
13) Anthracene	17.17	178	7822m	0.661	ng/ul	99
15) Fluoranthene	19.10	202	124193m	6.679	ng/ul	99
17) Pyrene	19.46	202	117614	6.188	ng/ul	100
18) Benzo(a)anthracene	21.22	228	61404m	3.712	ng/ul	99
19) Chrysene	21.27	228	69591	3.271	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	92790m	5.463	ng/ul	99
22) Benzo(k)fluoranthene	22.82	252	34449m	1.792	ng/ul	99
23) Benzo(a)pyrene	23.35	252	59259m	3.431	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.66	276	44139m	2.140	ng/ul	99
25) Dibenzo(a,h)anthracene	25.66	278	11488m	0.689	ng/ul	99
26) Benzo(g,h,i)perylene	26.34	276	35744m	1.925	ng/ul	99

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