

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

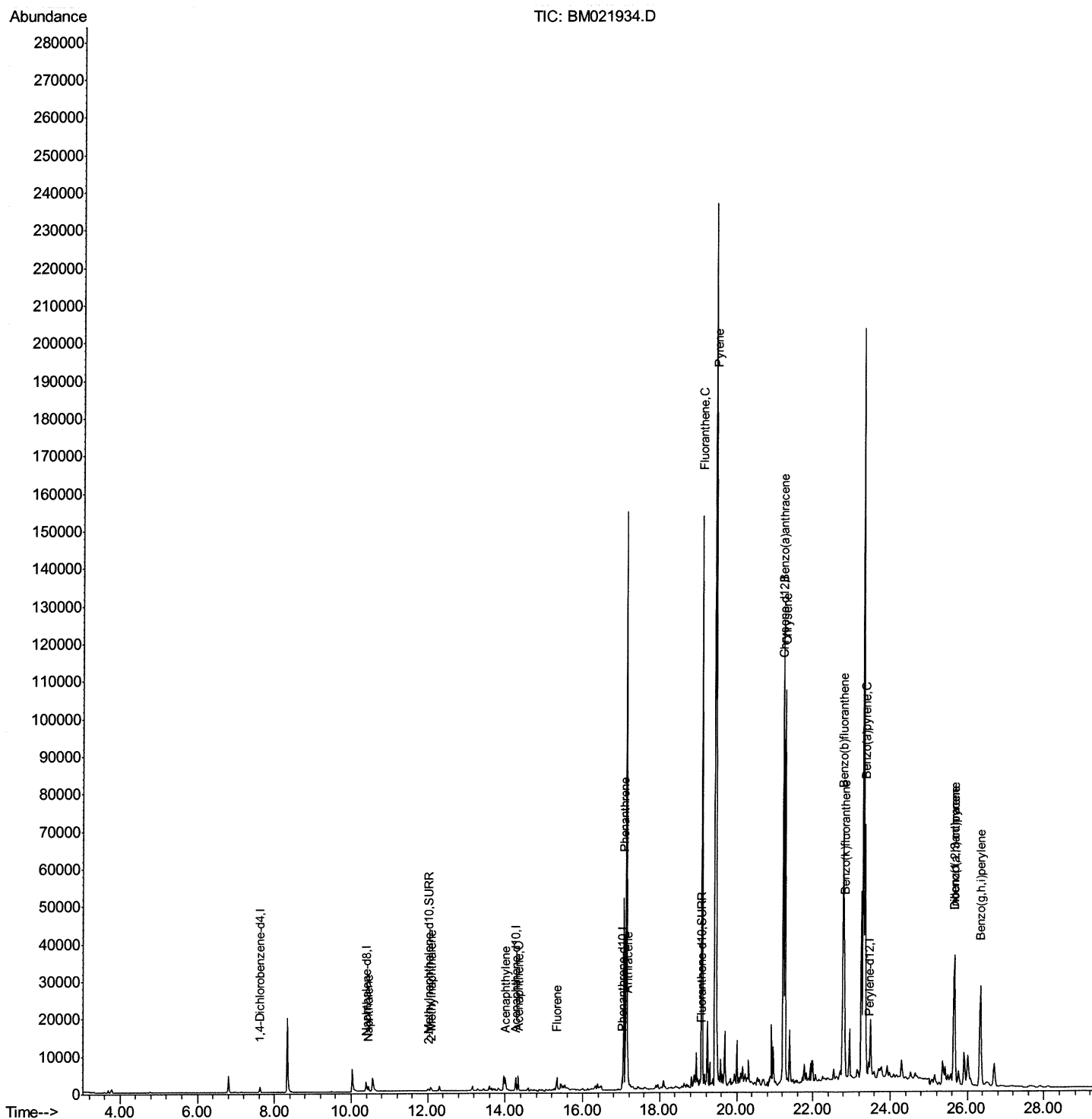
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:12:44 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
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Sohil
8/13/2019 8:29:28 AM



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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

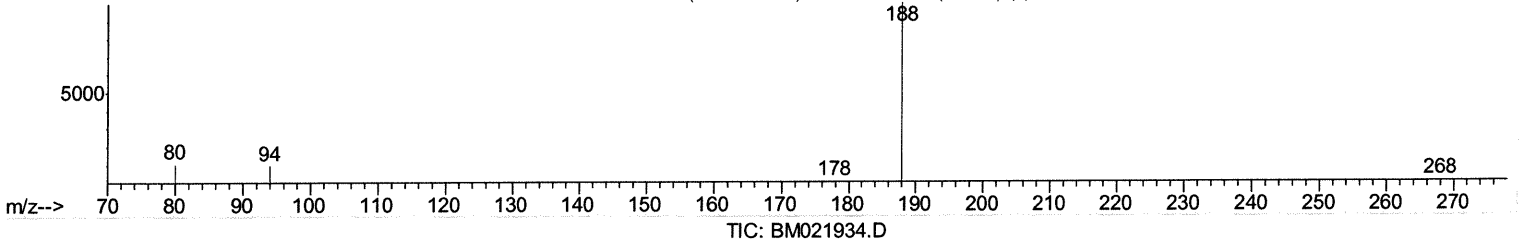
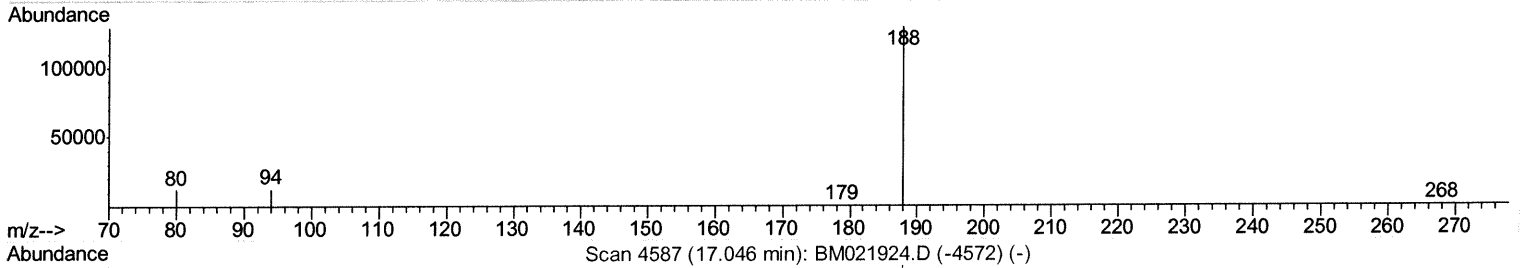
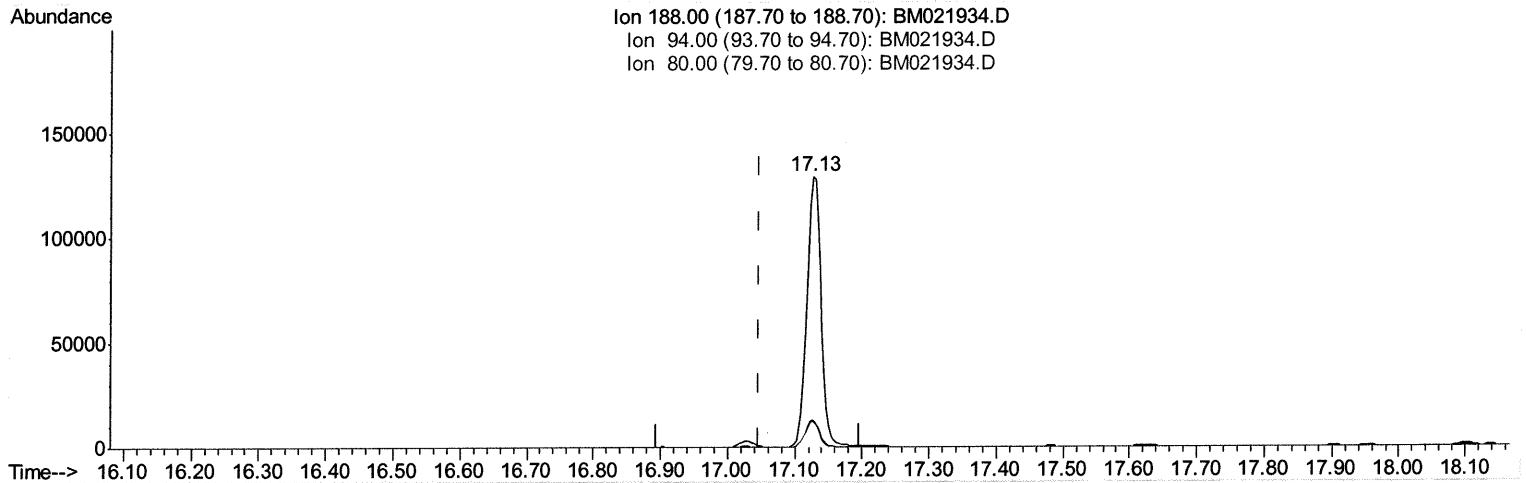
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 00:59:49 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
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Sohil
8/13/2019 8:29:28 AM



(10) Phenanthrene-d10 (I)

17.126min (+0.080) 0.40ng/ul

response 185810

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.89
80.00	11.40	9.40
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

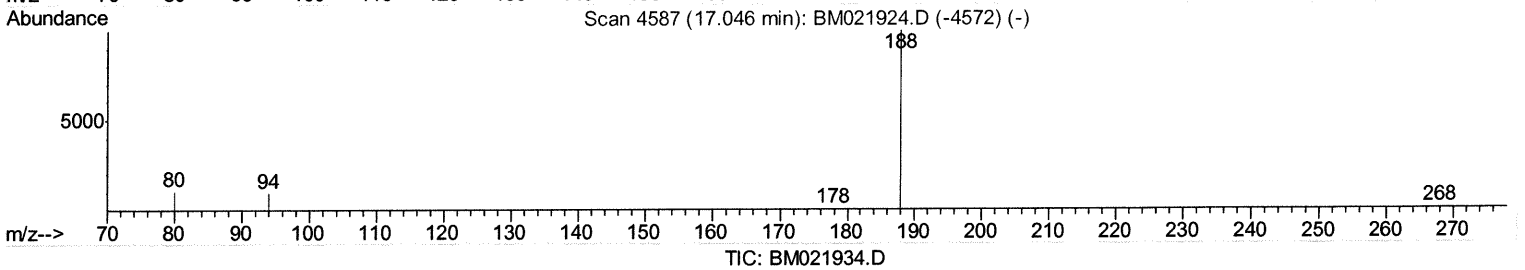
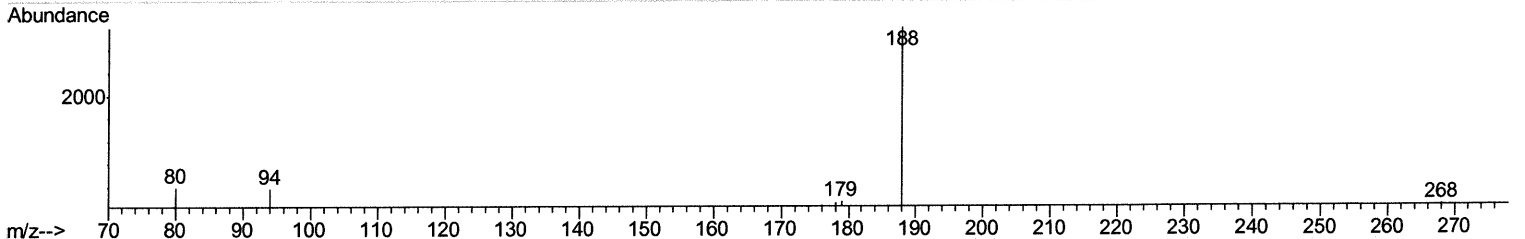
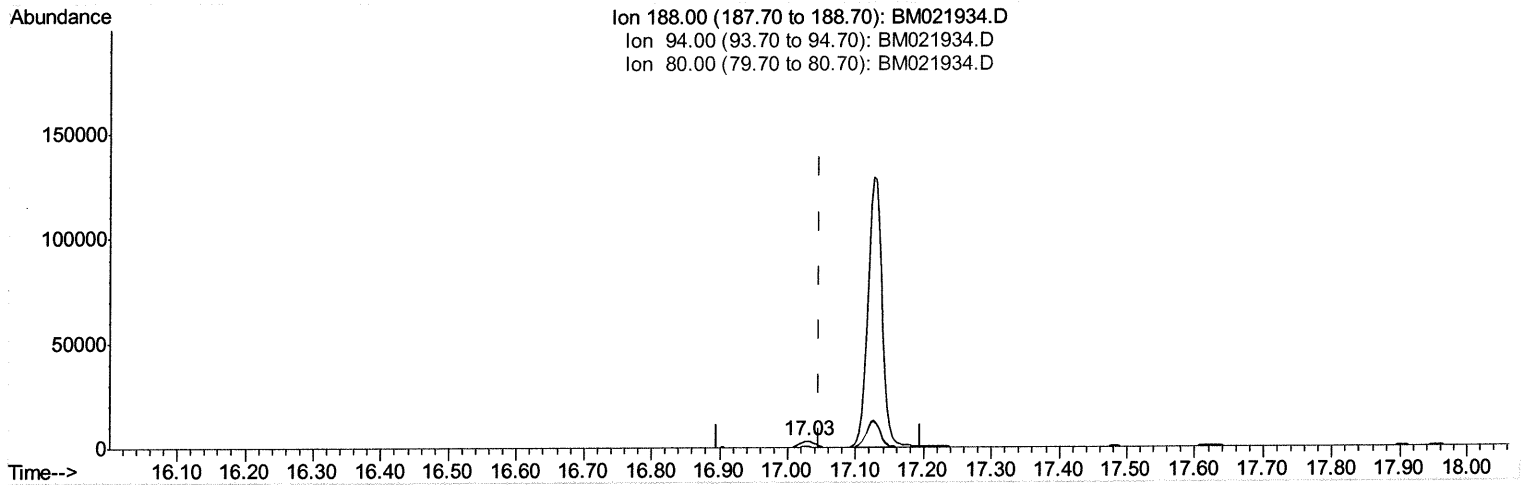
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 00:59:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(10) Phenanthrene-d10 (I)

17.029min (-0.017) 0.40ng/ul m *JU 08/09/19*

response 4581

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.42
80.00	11.40	12.30
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

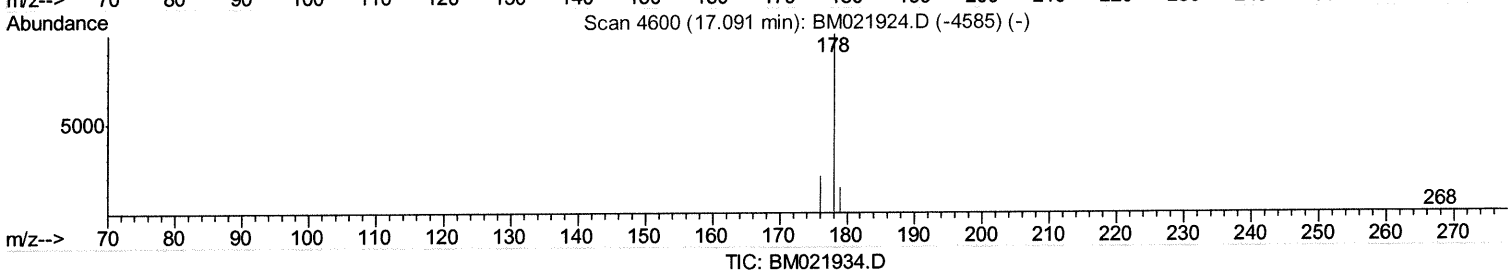
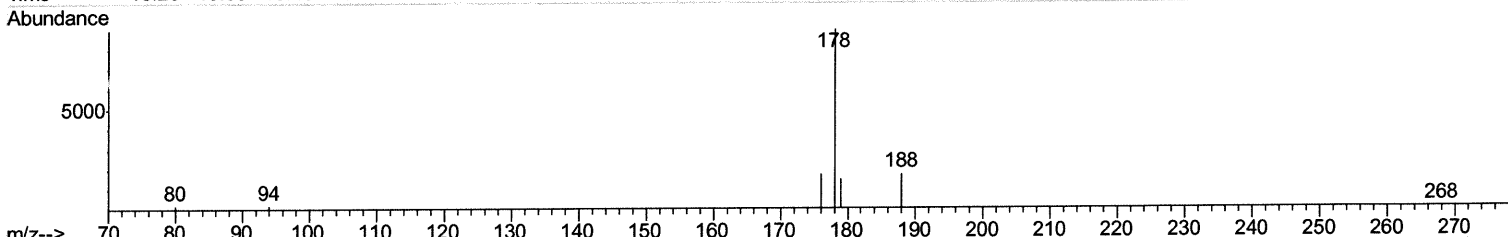
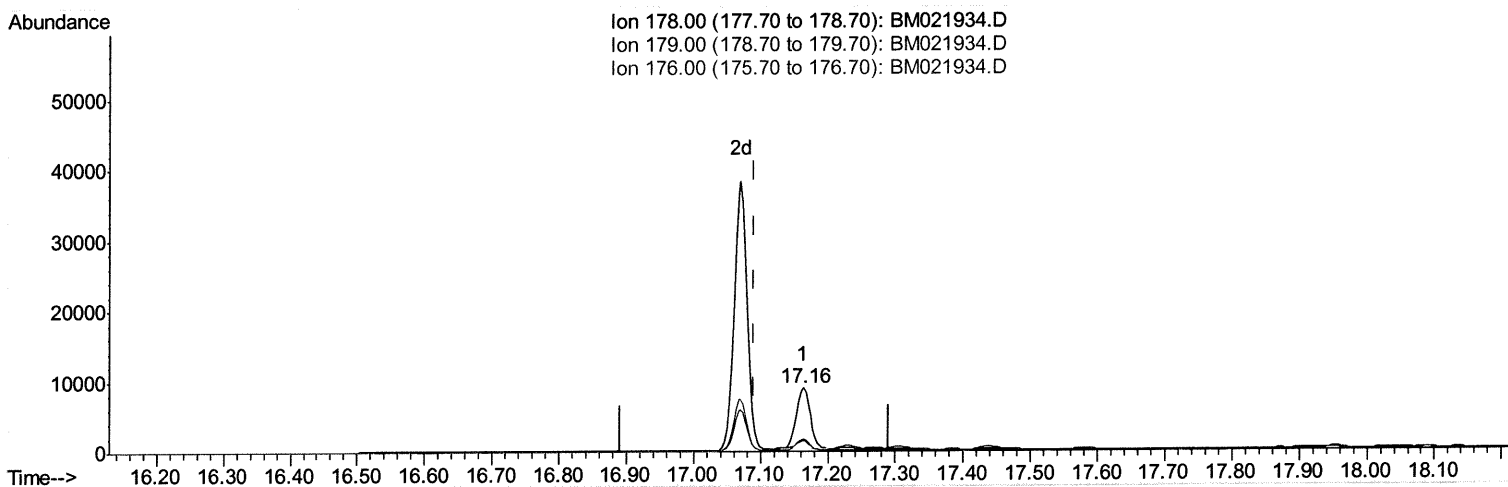
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:07:31 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
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Sohil
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(12) Phenanthrene

17.164min (+0.073) 0.93ng/ul

response 12379

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.86
176.00	21.00	19.51
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

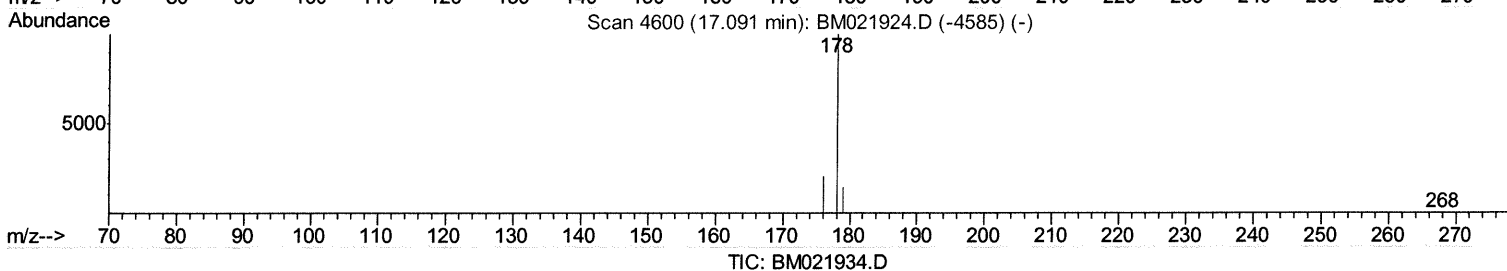
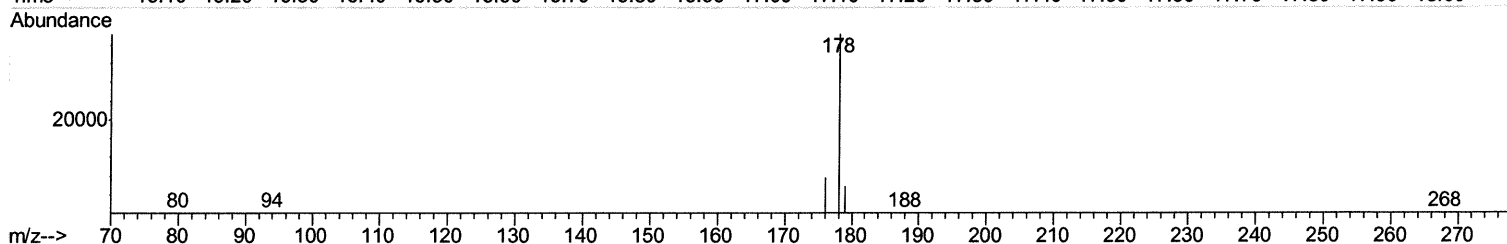
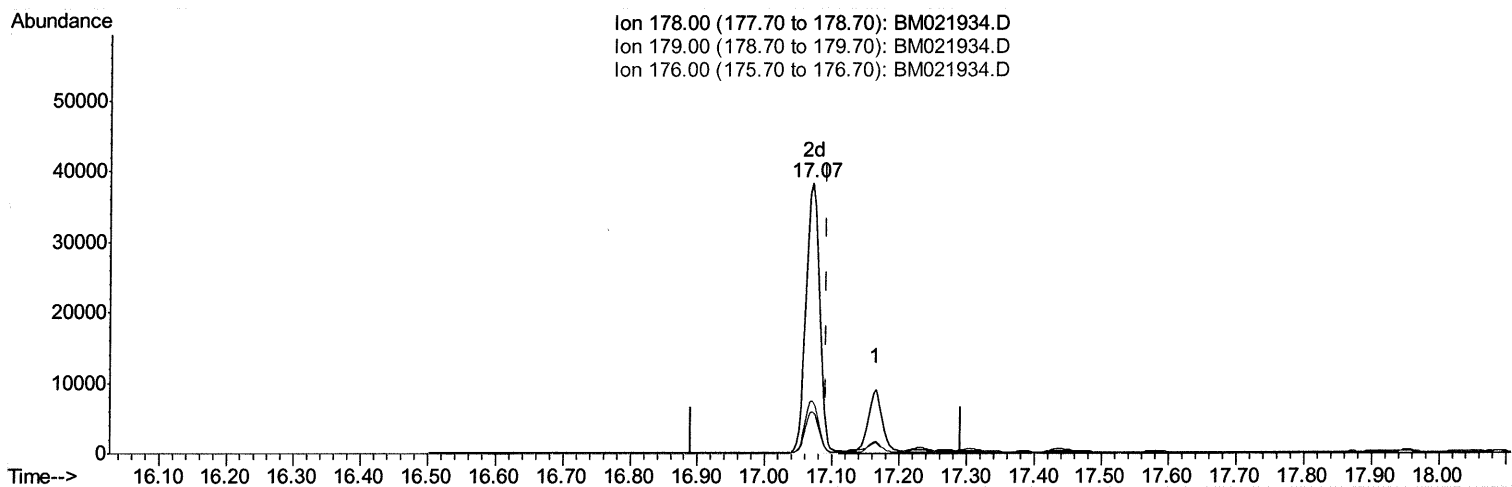
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:07:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(12) Phenanthrene

17.070min (-0.021) 3.97ng/ul m *JU 8/10/19*

response 52977

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.45
176.00	21.00	19.74
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

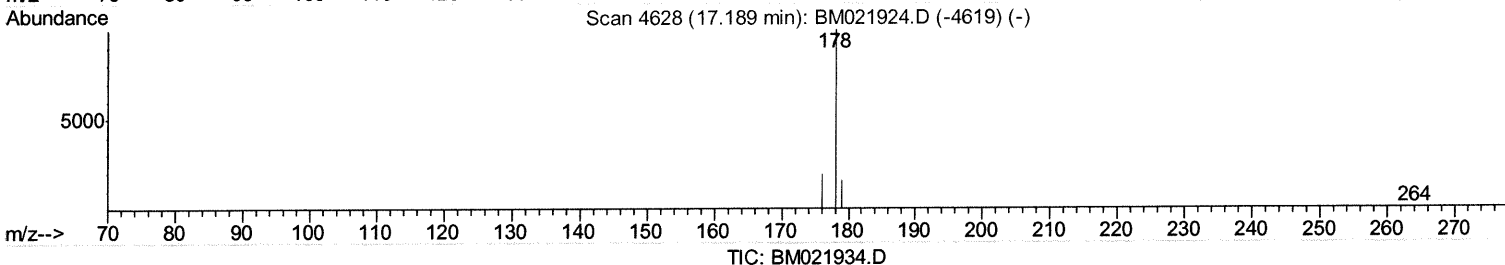
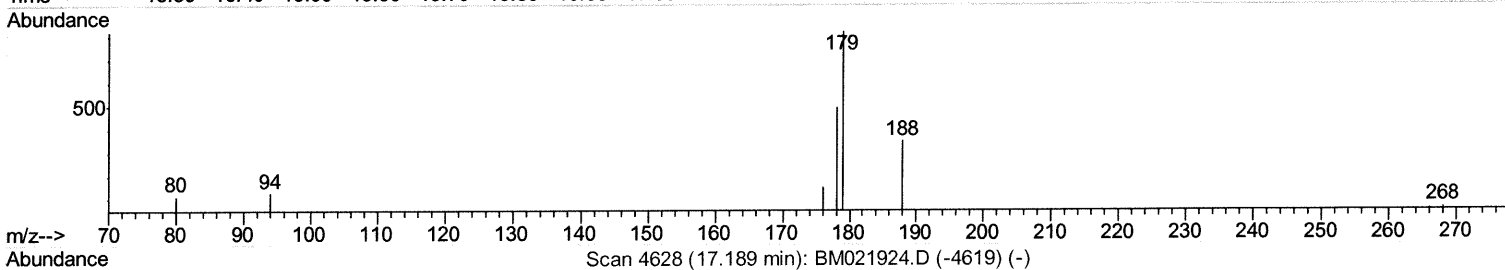
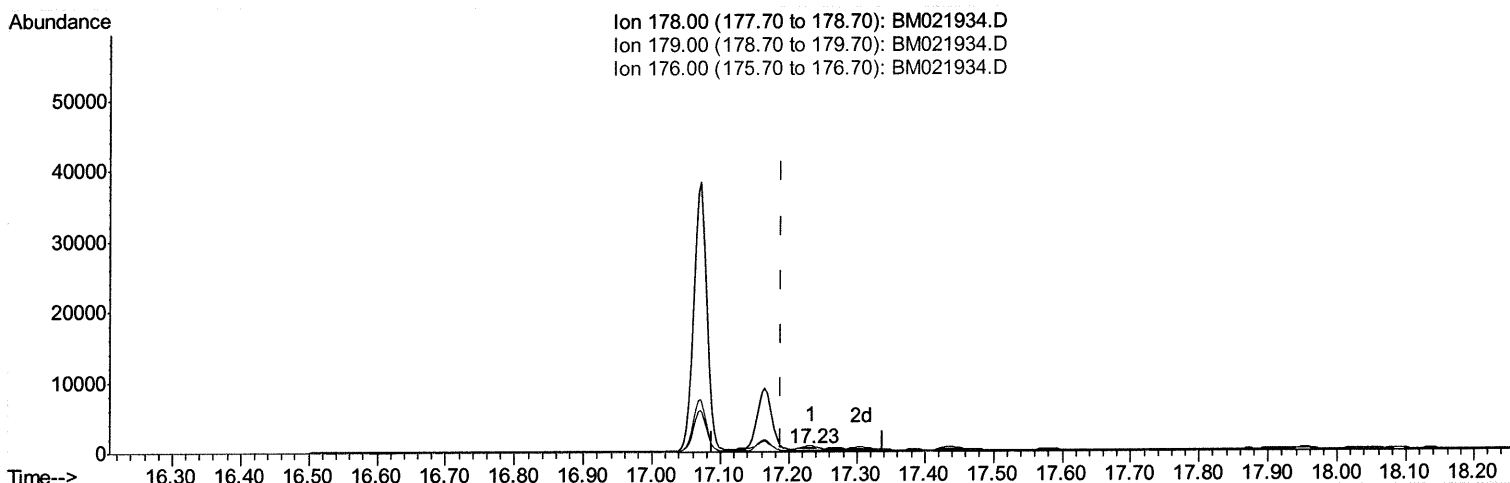
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:07:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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(13) Anthracene

17.234min (+0.045) 0.03ng/ui

response 329

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	165.73#
176.00	20.80	30.44#
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

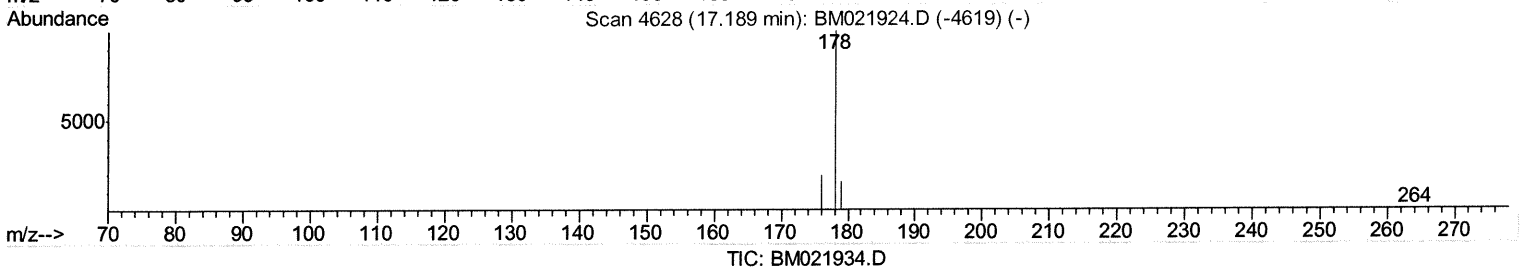
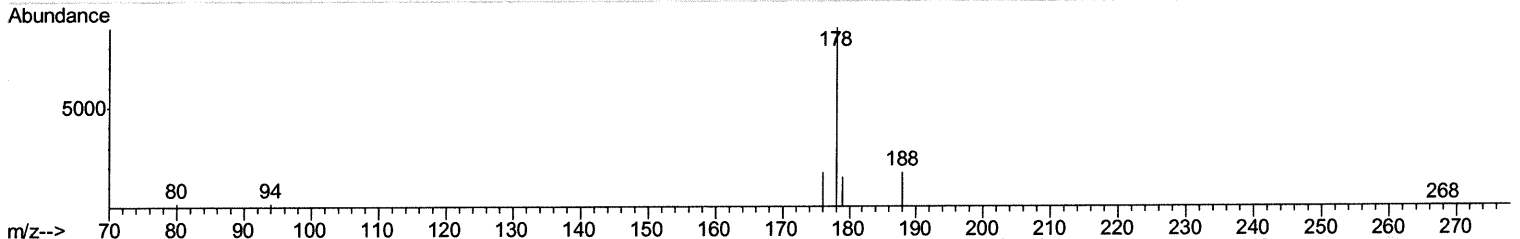
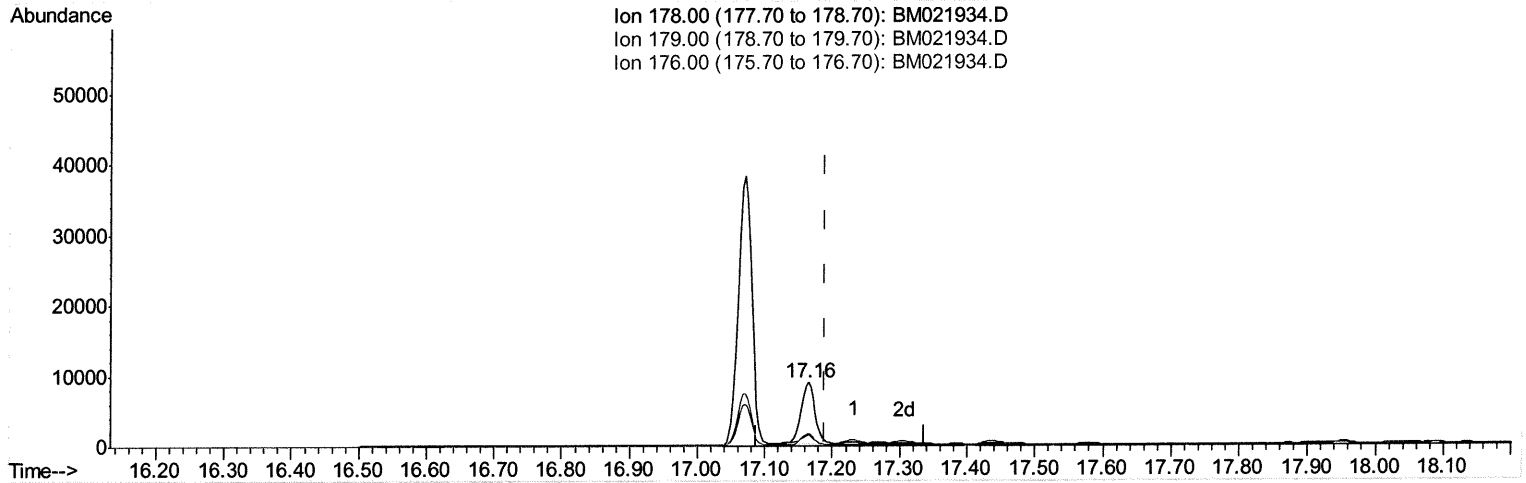
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:07:31 2019
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BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
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(13) Anthracene

17.164min (-0.024) 1.11ng/ul m *JU 08/09/19*

response 12582

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	16.86
176.00	20.80	19.51
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

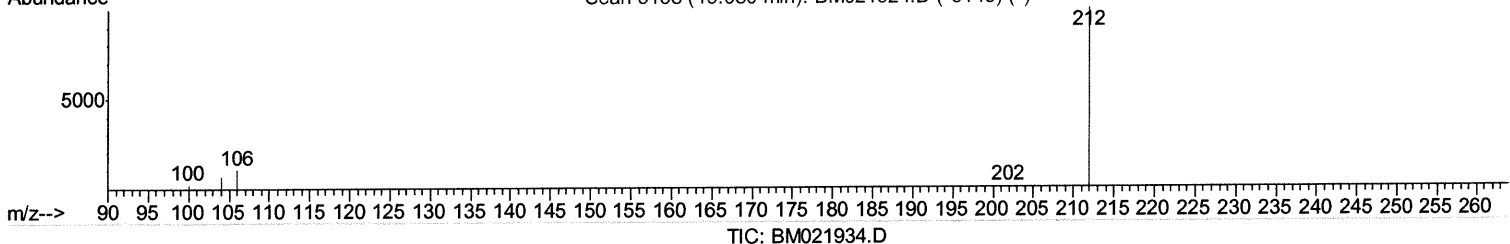
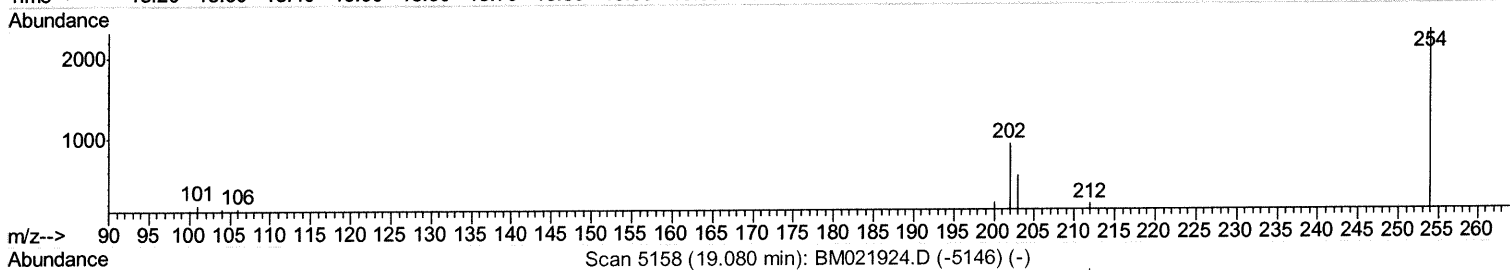
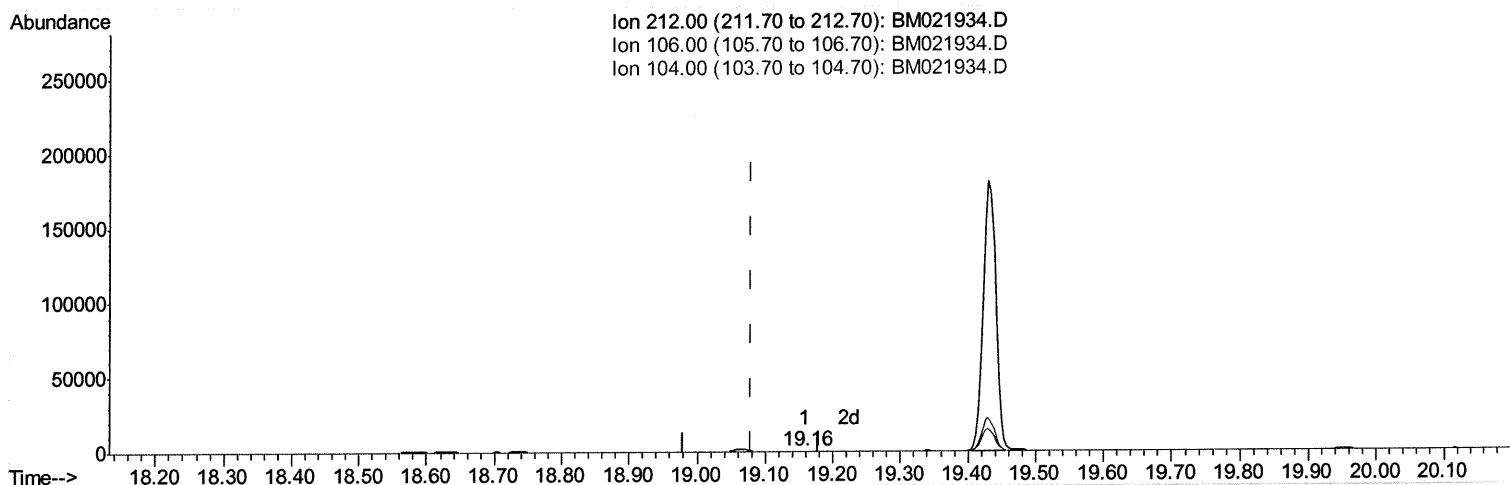
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:07:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(14) Fluoranthene-d10 (SURR)

19.160min (+0.080) 0.01ng/ul

response 196

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	12.24#
104.00	6.00	0.00#
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

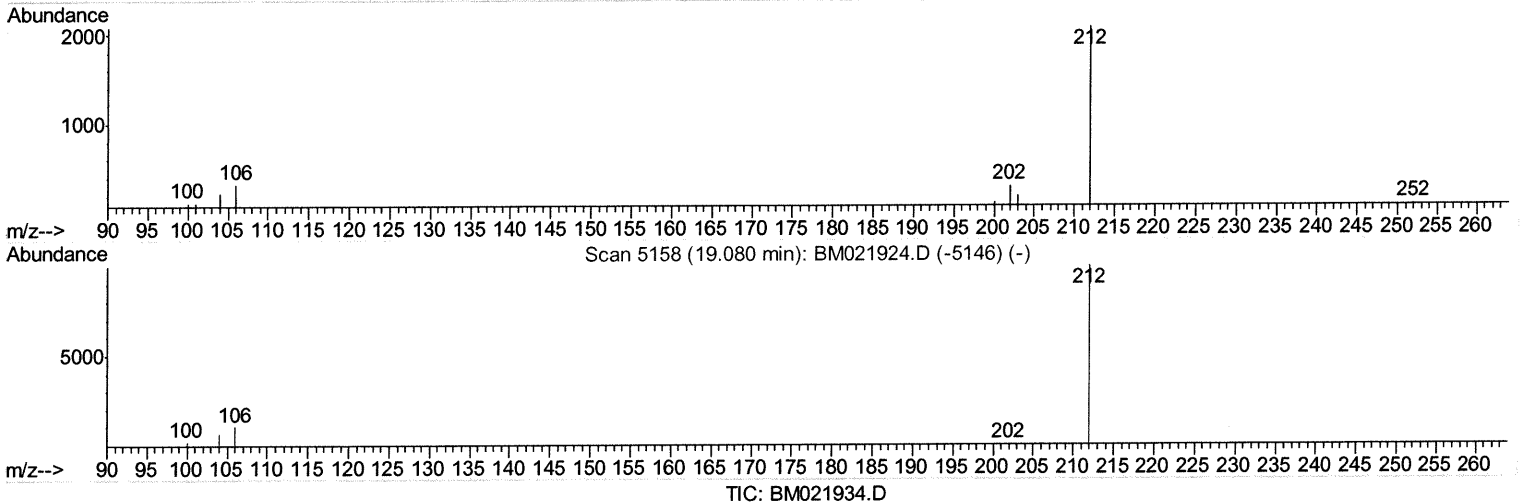
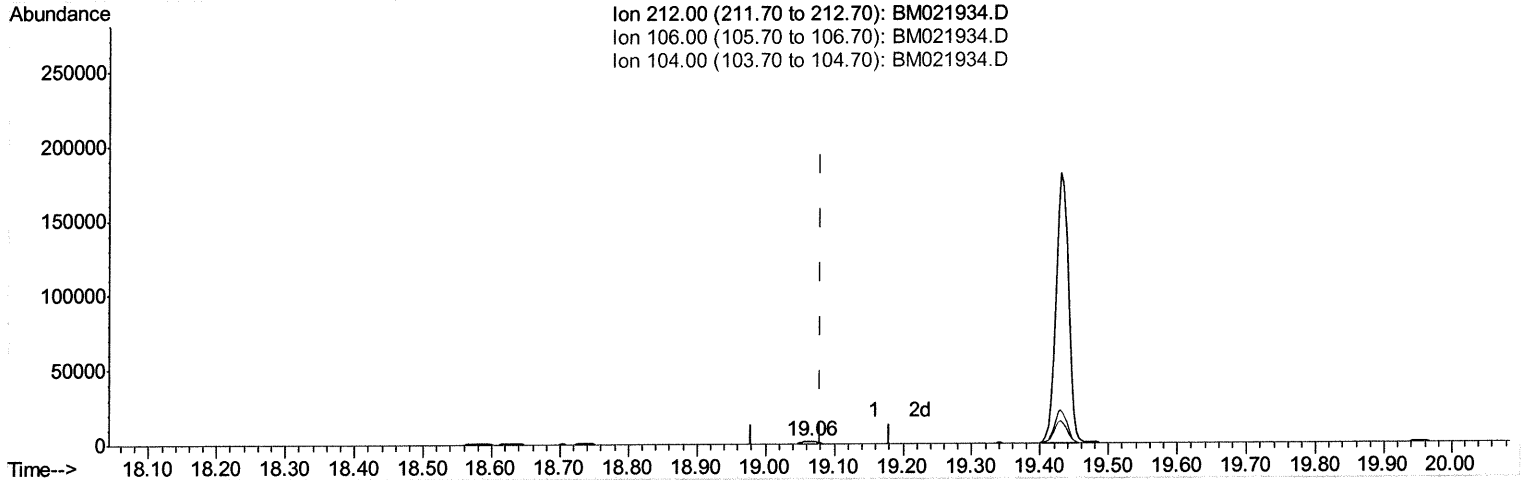
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:07:31 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(14) Fluoranthene-d10 (SURR)

19.064min (-0.015) 0.19ng/ul m *JU 08/09/19*

response 2860

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.84#
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 : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

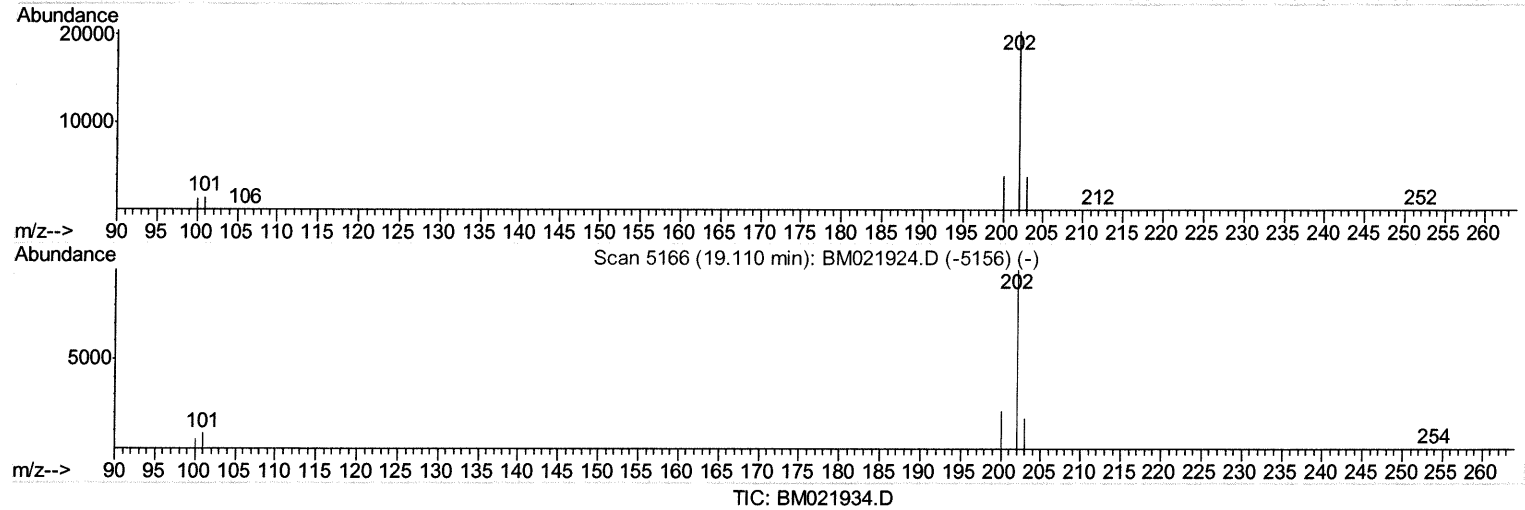
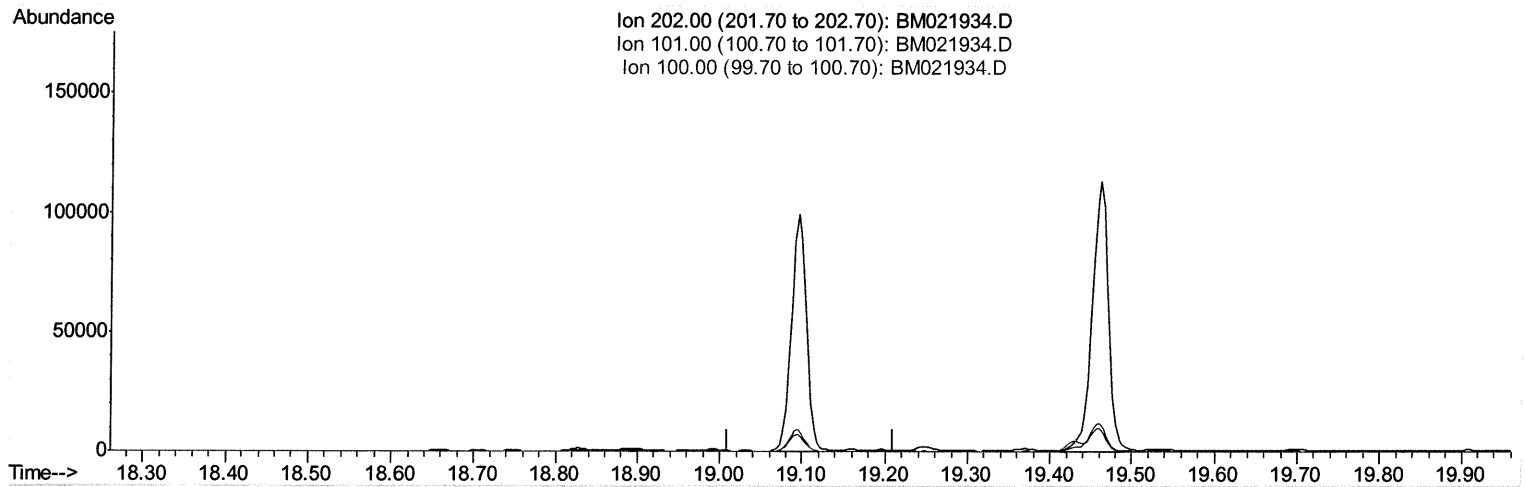
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:07:31 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 00:56:52 2019
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Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(15) Fluoranthene (C)

19.110min (-19.110) 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

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Quantitation Report (Qedit)

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Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

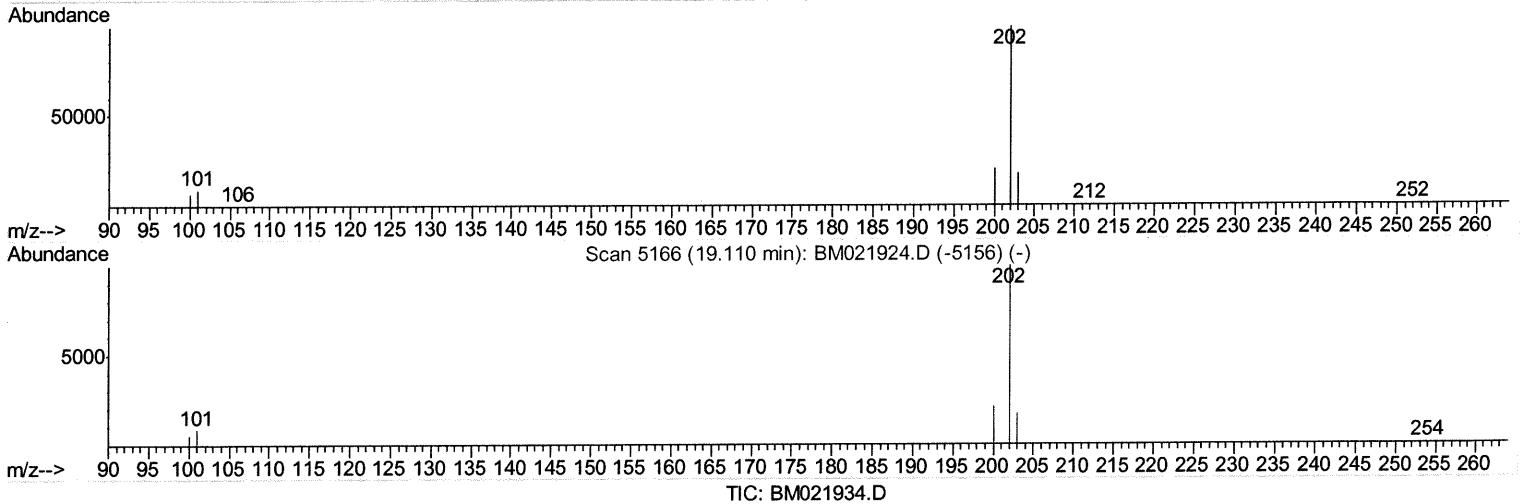
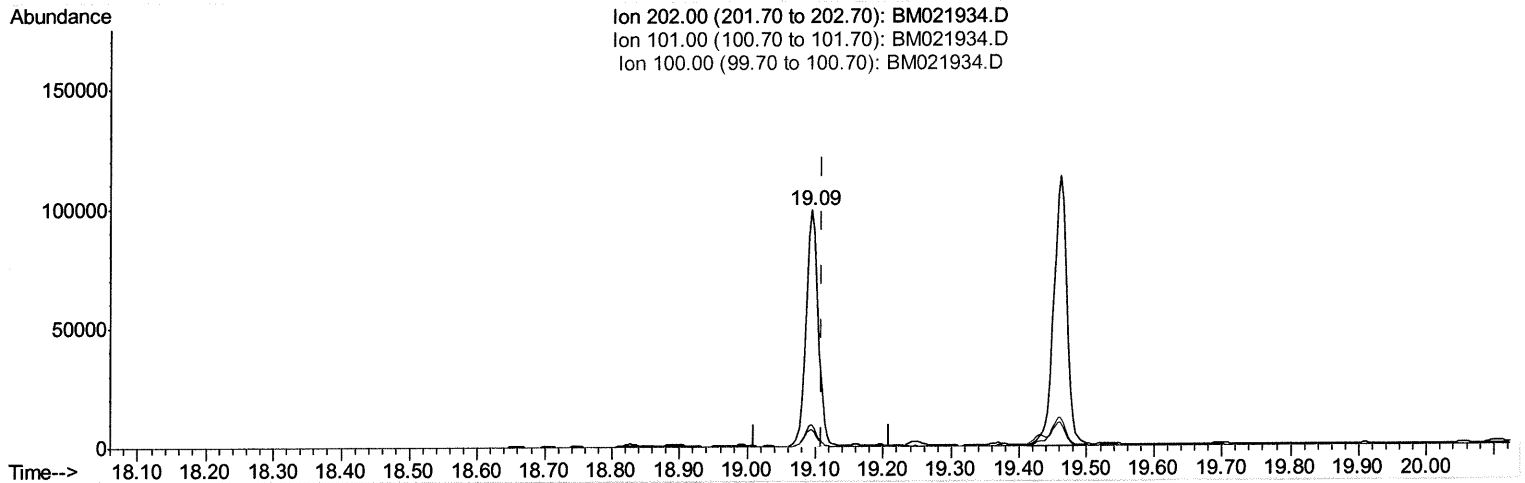
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:07:31 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(15) Fluoranthene (C)

19.095min (-0.015) 7.03ng/ul m *JU 08/09/19*

response 125515

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.15
100.00	8.10	7.14
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

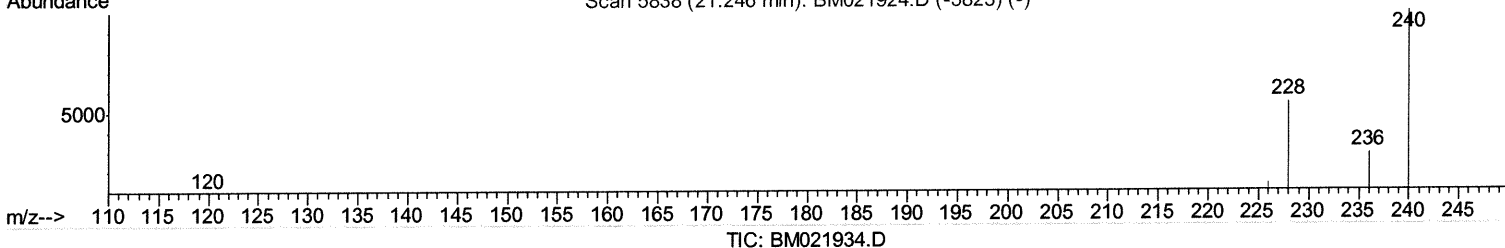
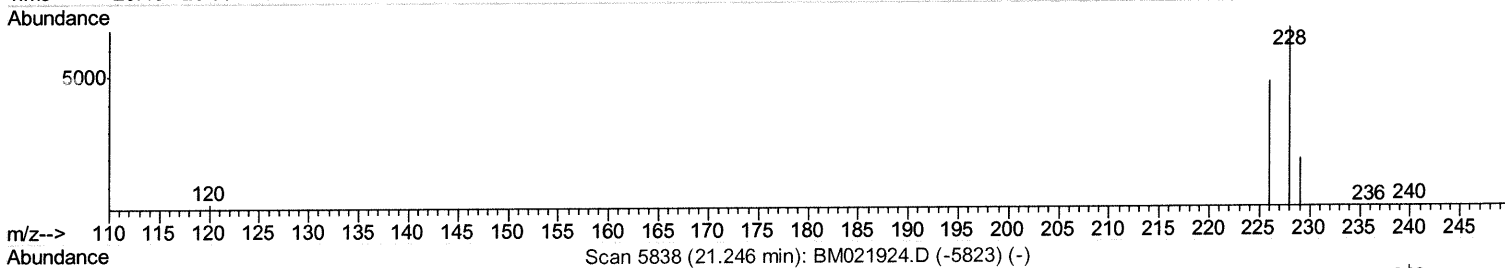
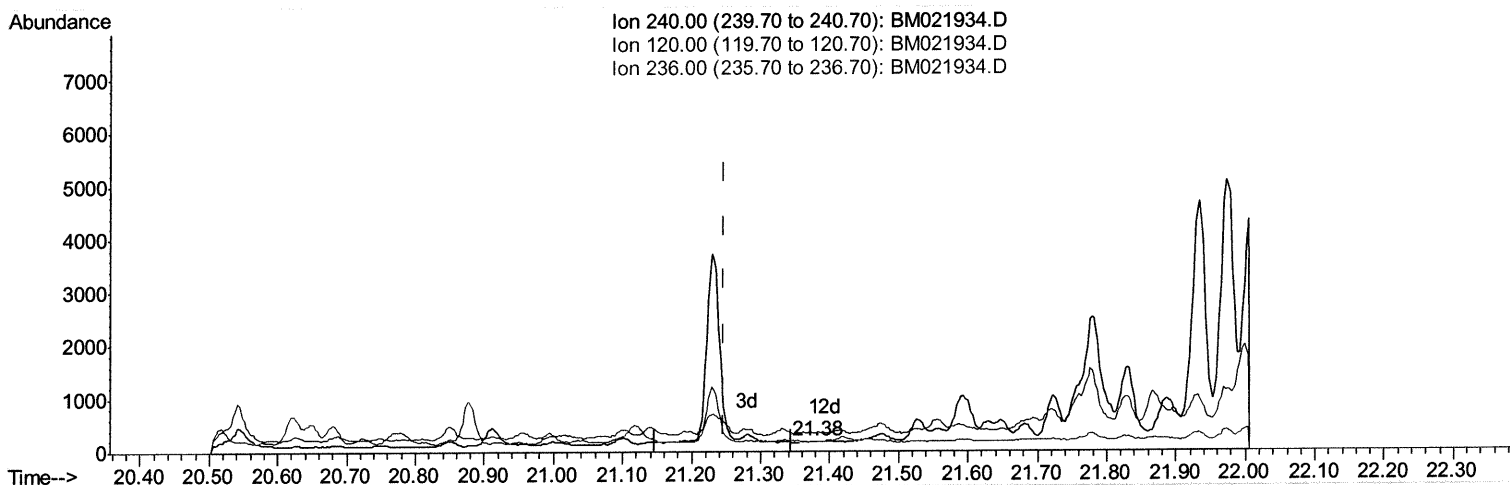
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:07:31 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 00:56:52 2019
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Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(16) Chrysene-d12 (I)

21.379min (+0.133) 0.40ng/ul

response 23

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	178.57#
236.00	32.30	93.37#
0.00	0.00	0.00

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

Data File : BM021934.D
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Sample : K4028-18

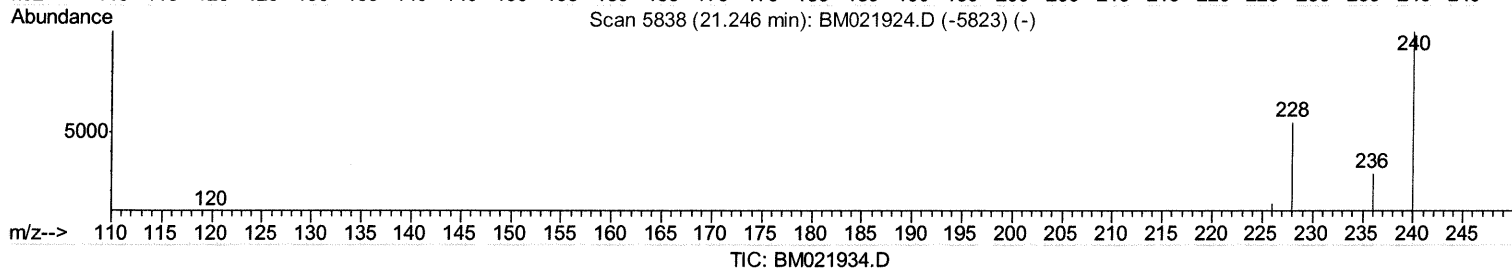
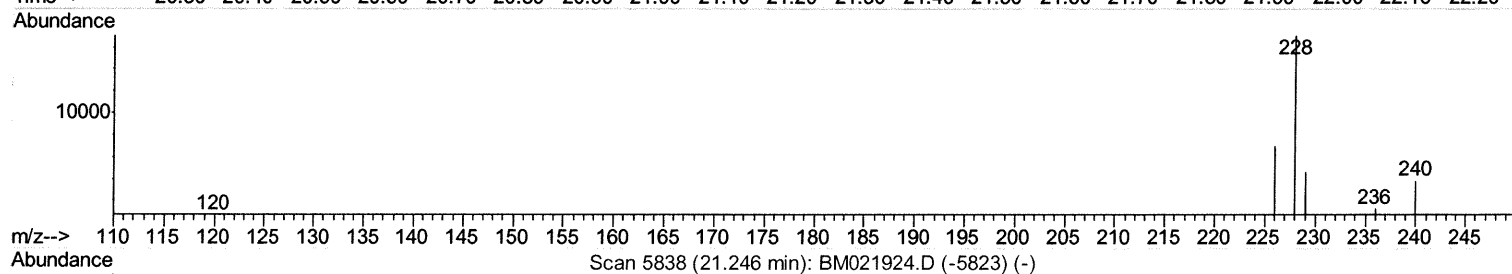
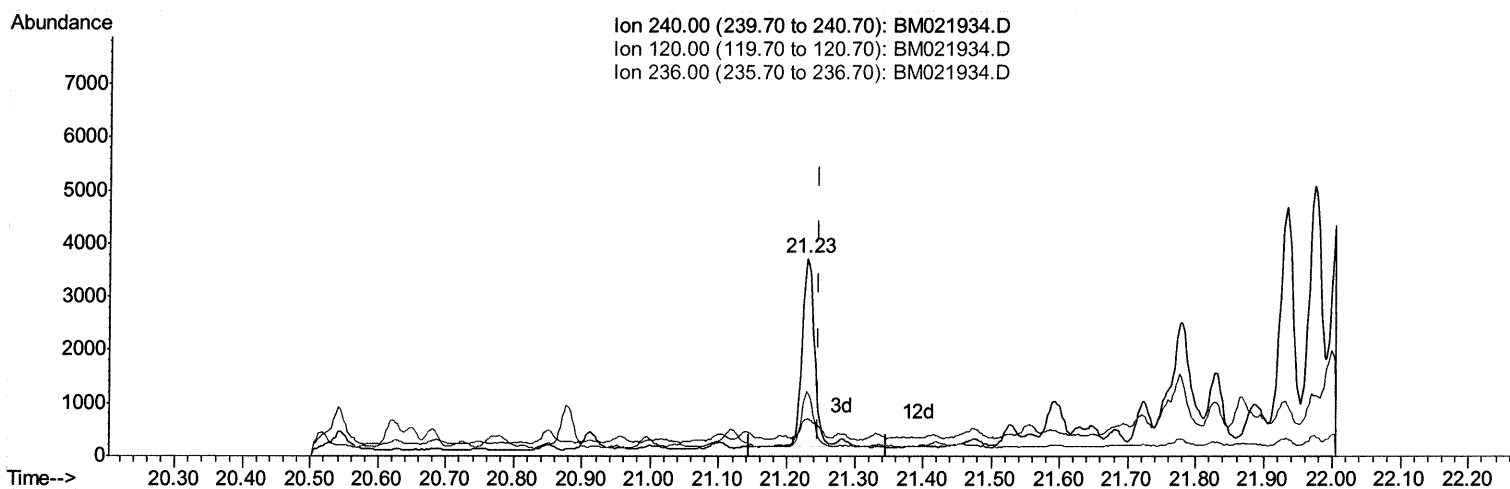
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:07:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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Instrument :
BNA_M
ClientSampled :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(16) Chrysene-d12 (I)

21.229min (-0.017) 0.40ng/ul m *JU 08/09/19*

response 4388

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	18.76
236.00	32.30	32.53
0.00	0.00	0.00

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

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Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

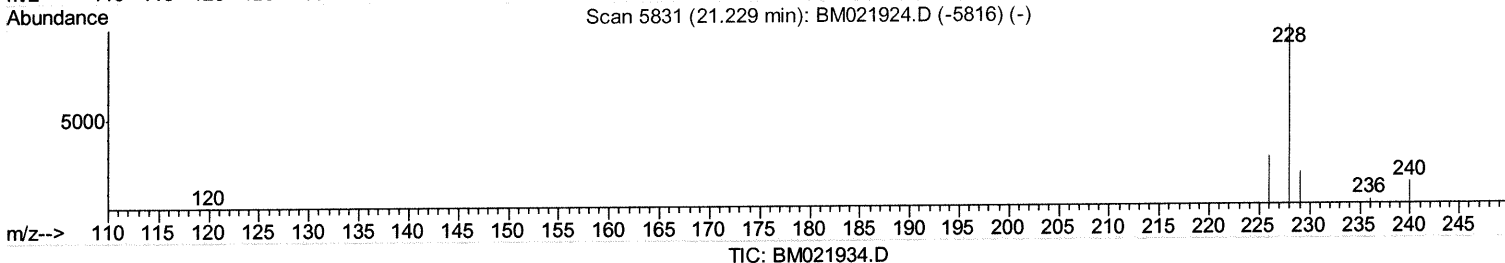
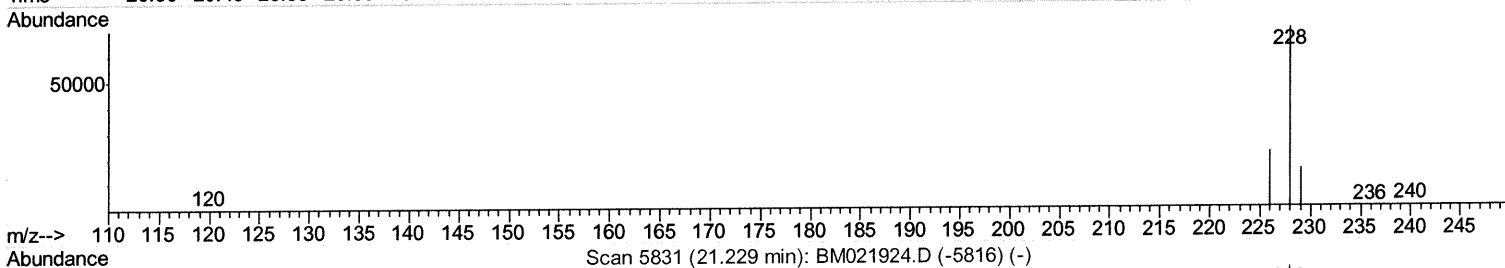
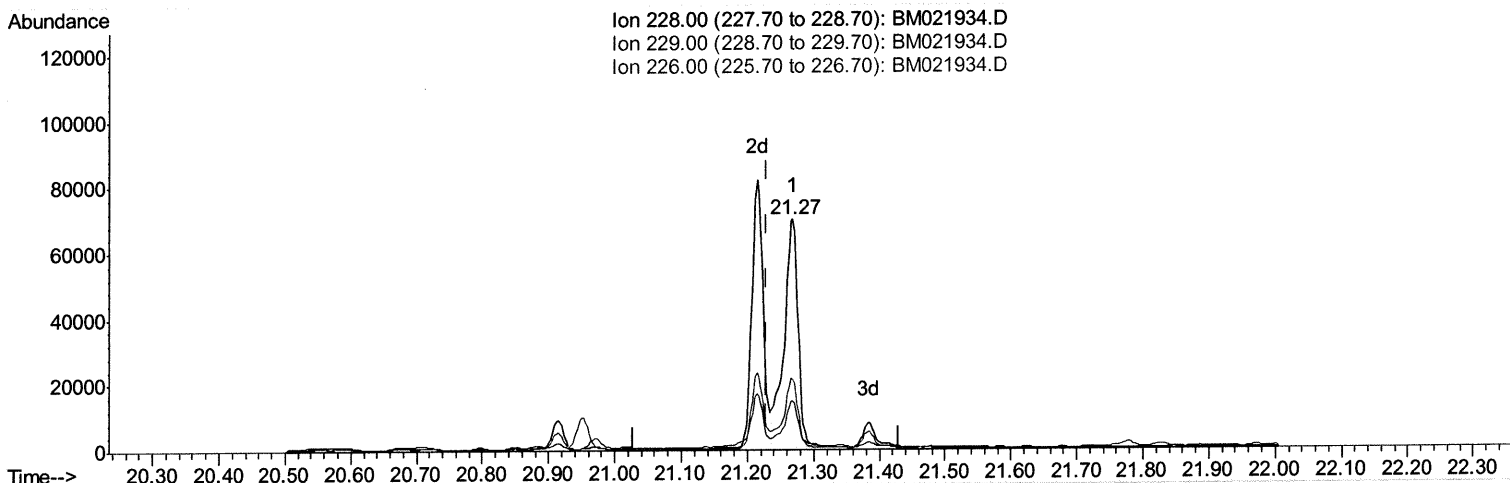
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:09:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(18) Benzo(a)anthracene
21.268min (+0.039) 6.53ng/ul
response 102530

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.31
226.00	28.30	31.09
0.00	0.00	0.00

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

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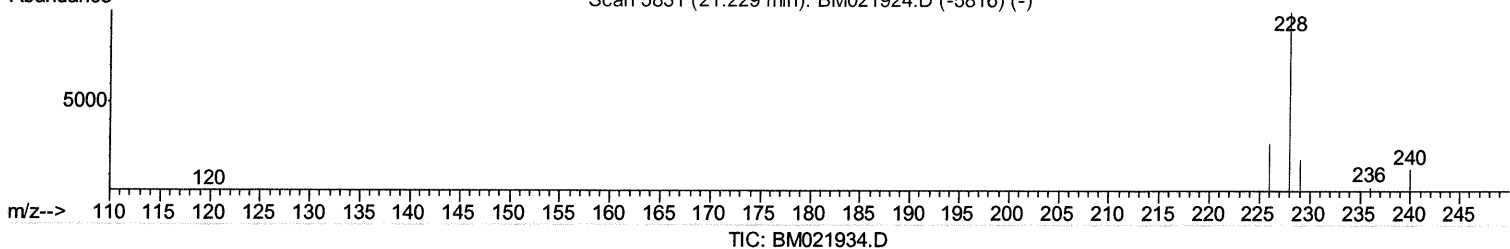
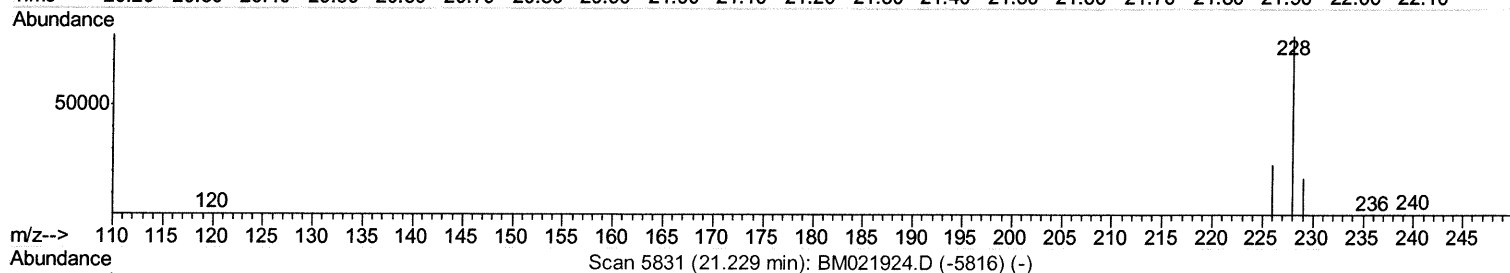
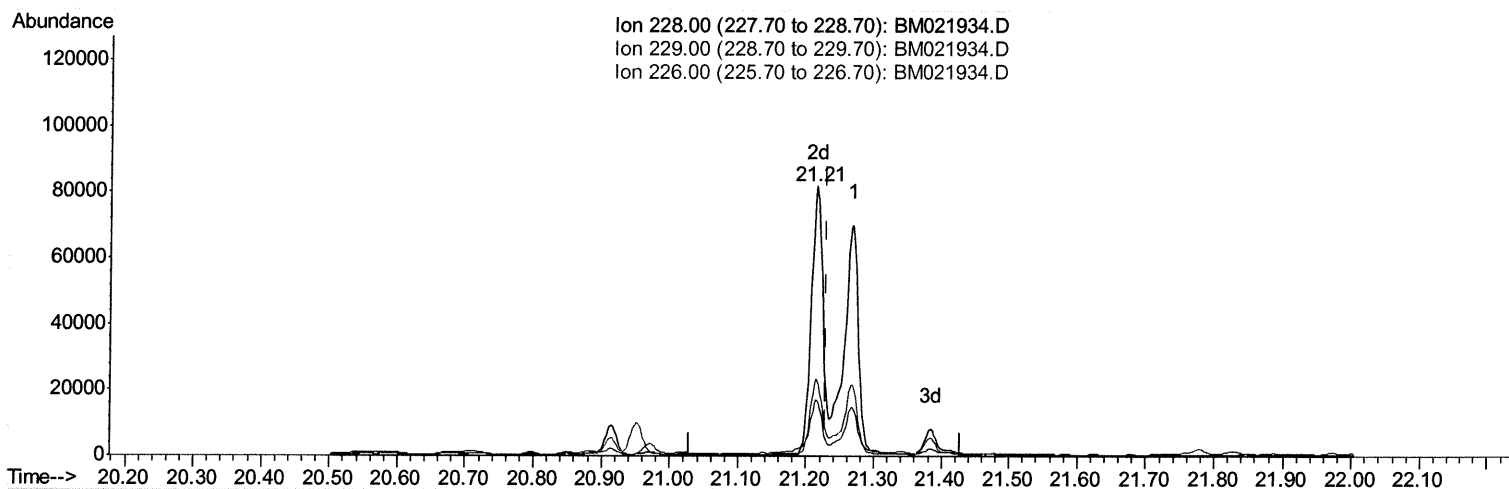
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:09:02 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(18) Benzo(a)anthracene

21.214min (-0.015) 6.10ng/ul m *JU* 08/09/19

response 95779

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.86
226.00	28.30	28.60
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

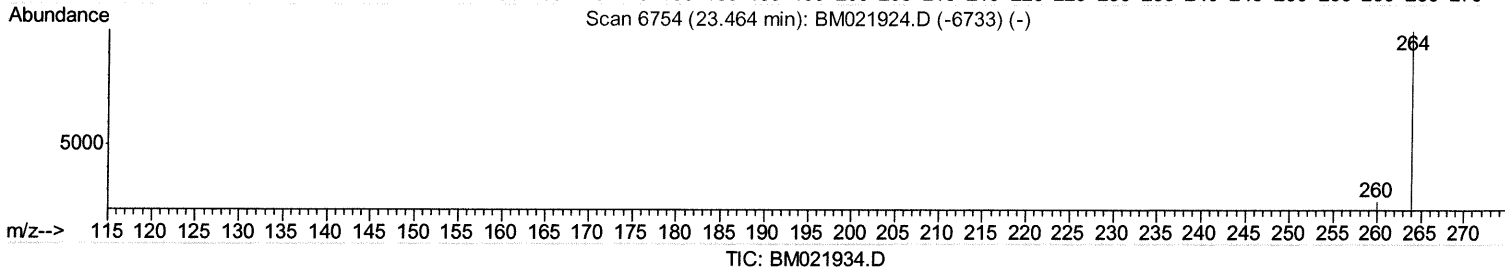
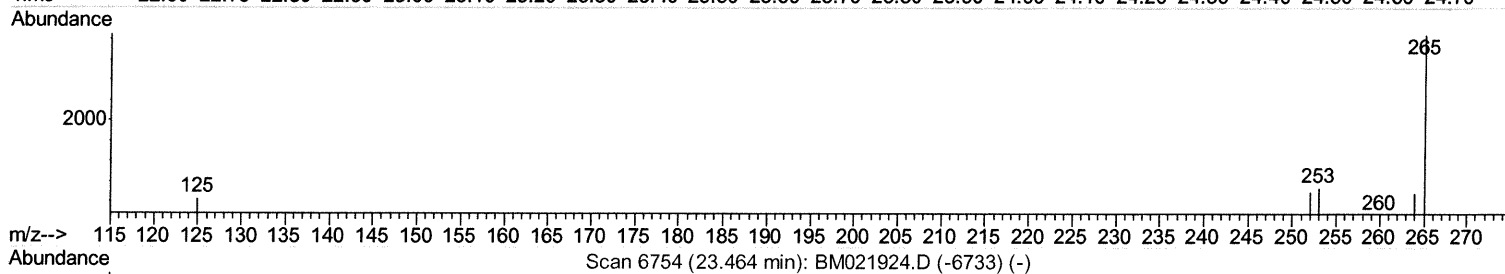
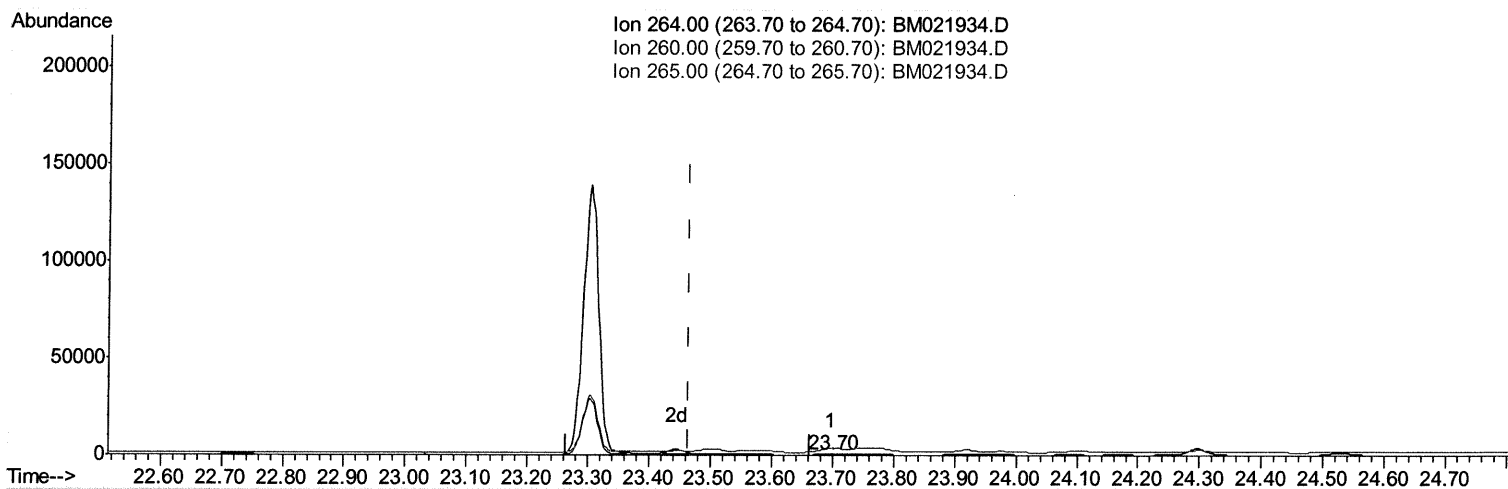
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:09:02 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(20) Perylene-d12 (I)

23.697min (+0.233) 0.40ng/ul

response 1703

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	28.23
265.00	117.00	629.76#
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

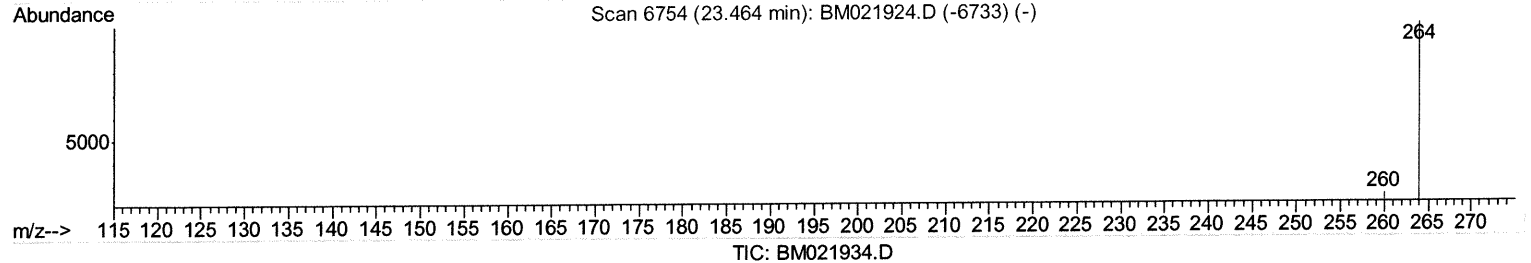
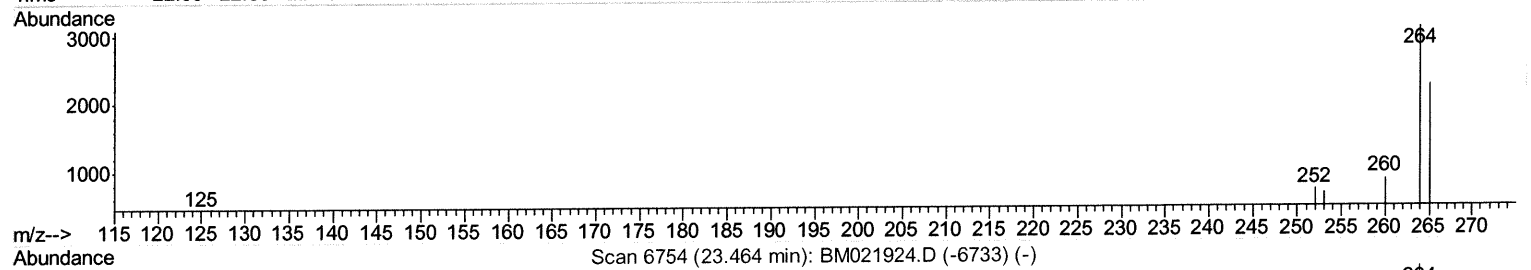
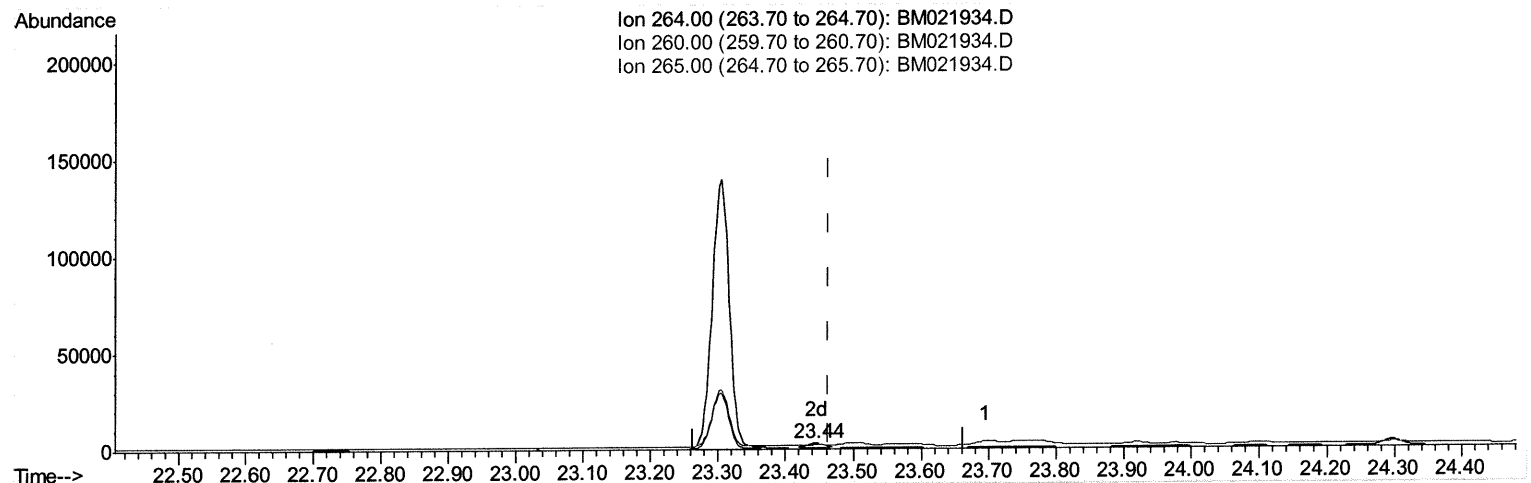
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:09:02 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(20) Perylene-d12 (I)

23.445min (-0.019) 0.40ng/ul m *JU 08/09/19*

response 4825

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.85
265.00	117.00	72.83#
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

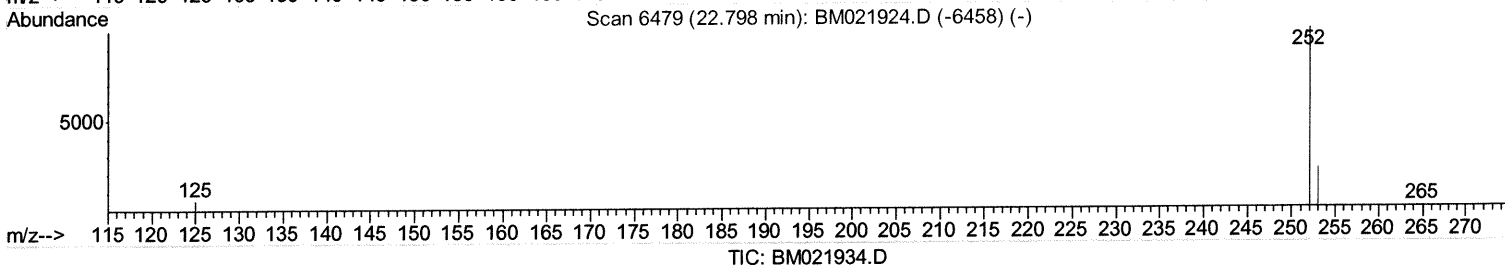
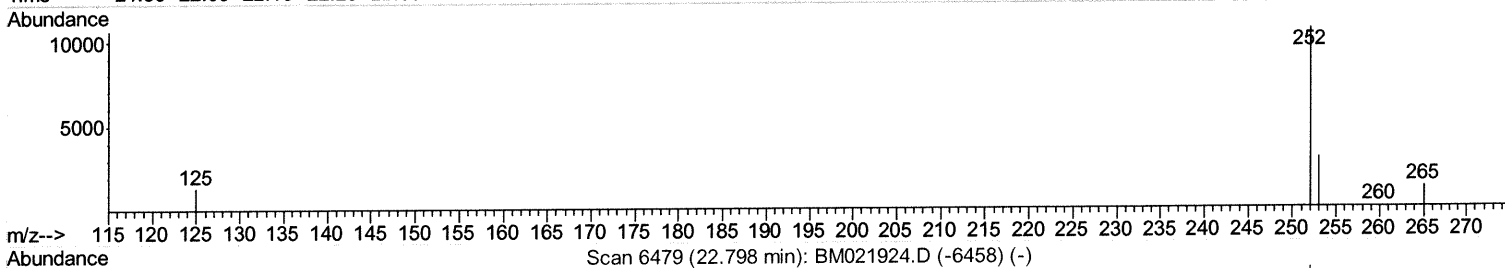
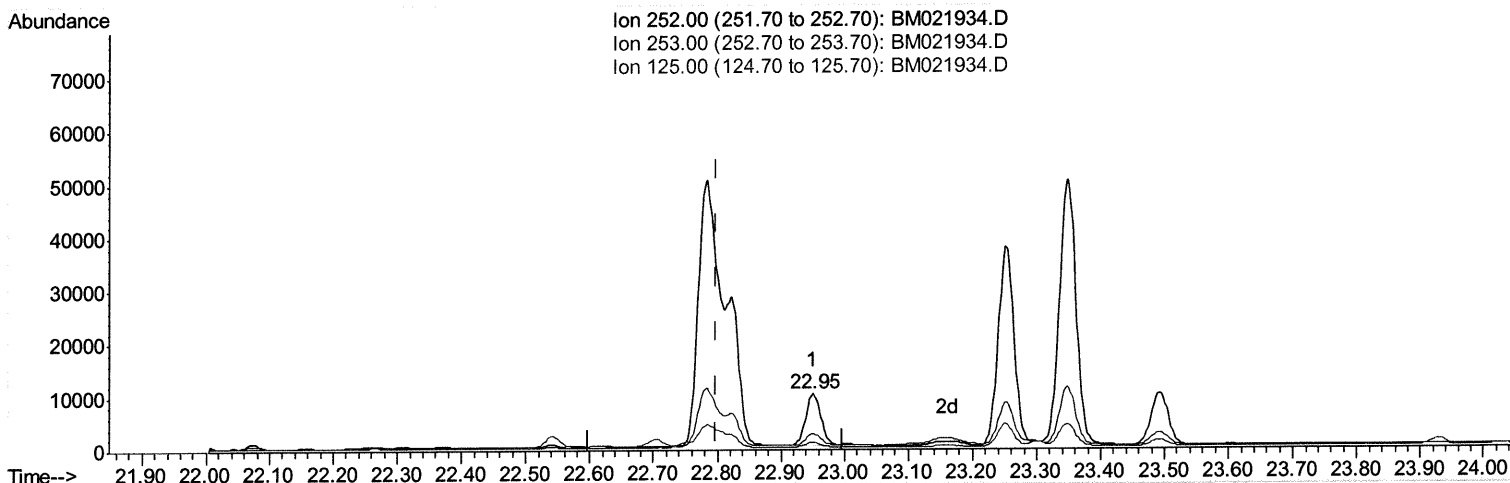
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(21) Benzo(b)fluoranthene

22.951min (+0.153) 1.06ng/ul

response 17287

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.45
125.00	15.50	13.43
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

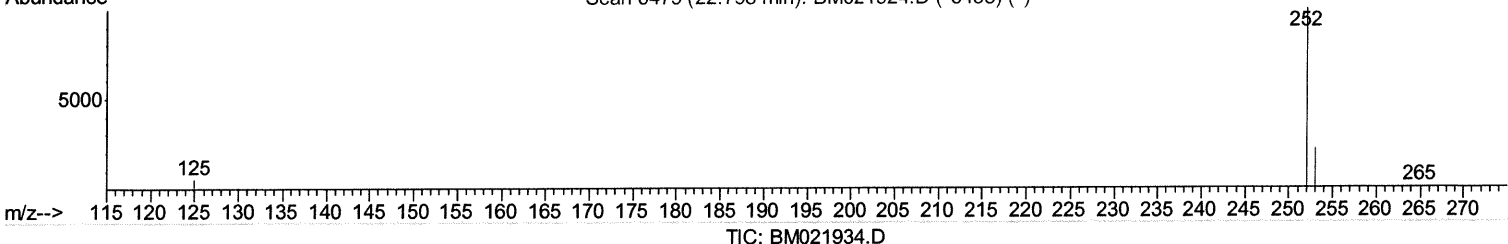
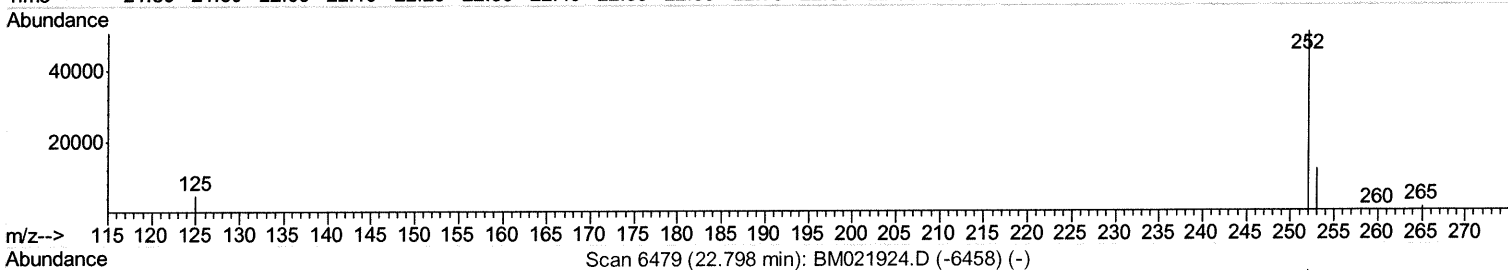
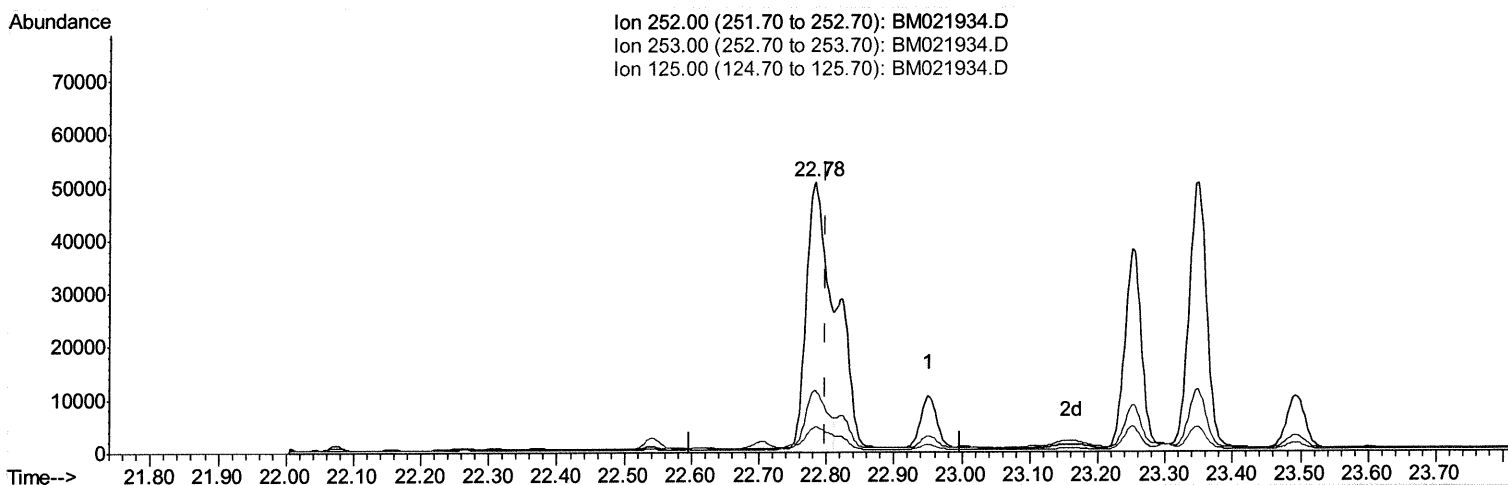
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(21) Benzo(b)fluoranthene

22.783min (-0.015) 6.73ng/ul m *JU* 08/09/19

response 109531

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.18
125.00	15.50	9.36
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

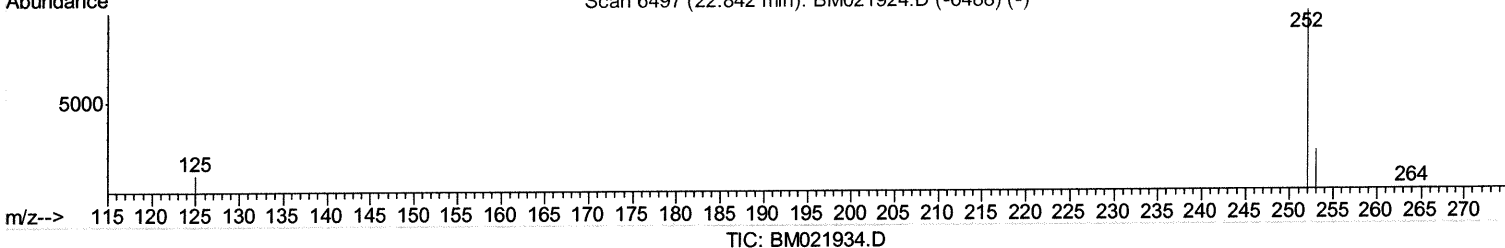
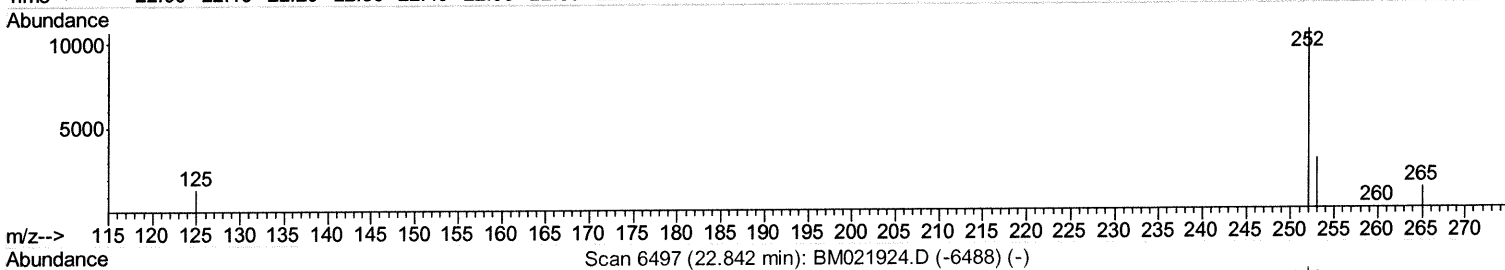
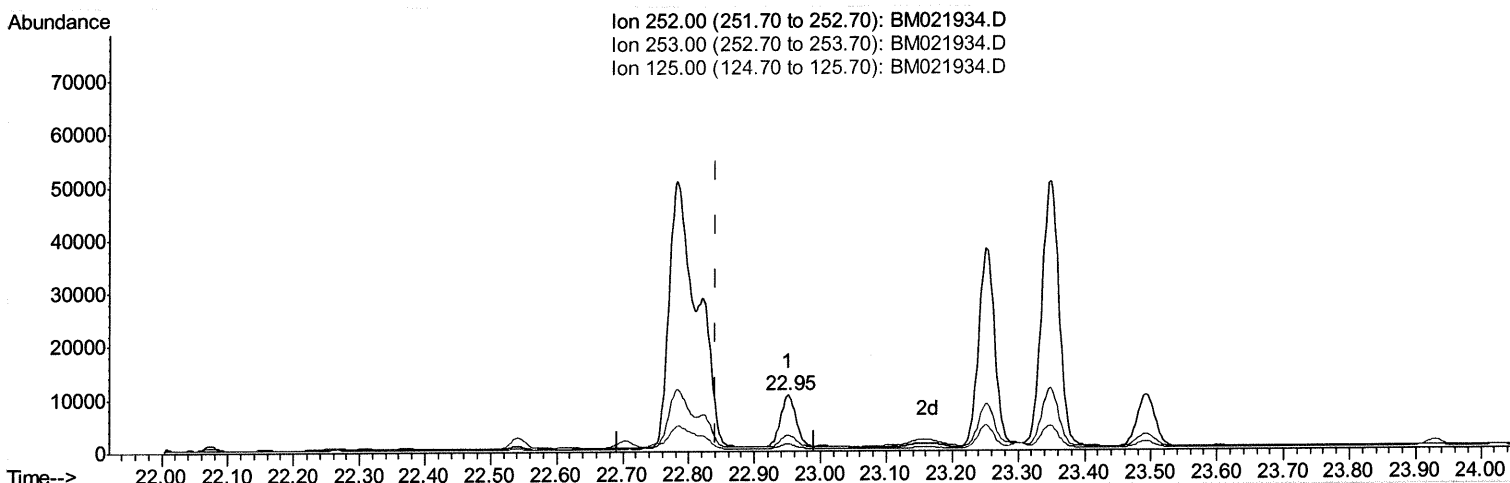
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(22) Benzo(k)fluoranthene

22.951min (+0.109) 0.93ng/ul

response 17168

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.45
125.00	15.20	13.43
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

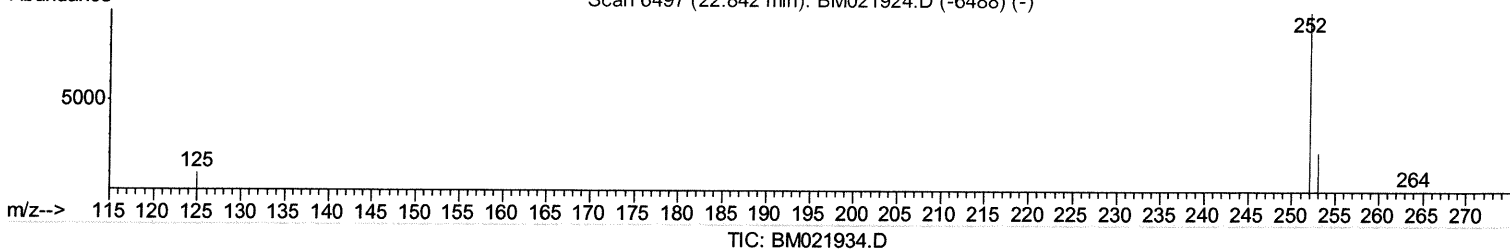
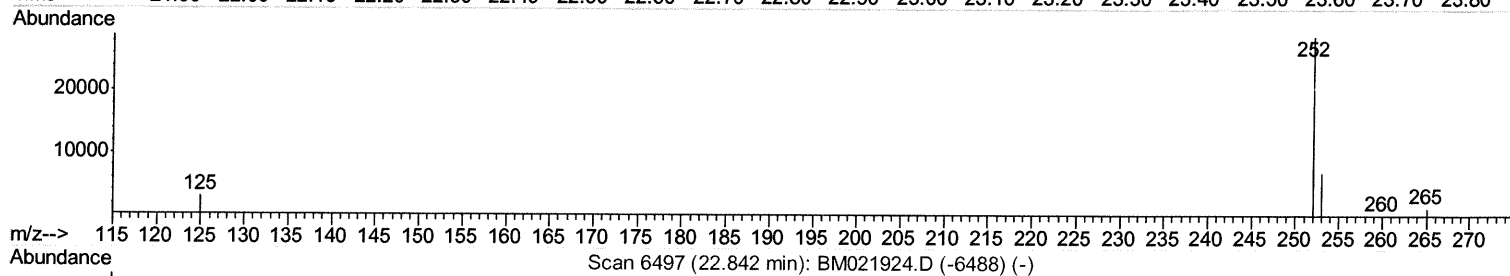
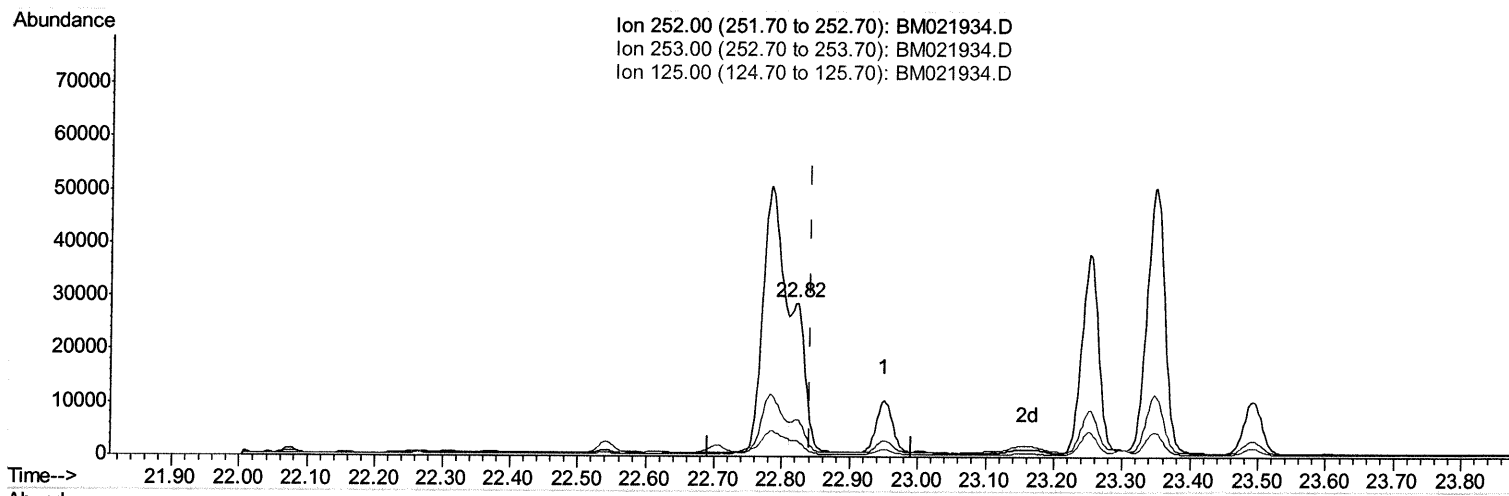
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
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Sohil
8/13/2019 8:29:28 AM



(22) Benzo(k)fluoranthene

22.822min (-0.019) 2.31ng/ul m

JU
08/09/19

response 42518

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.13#
125.00	15.20	10.43#
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

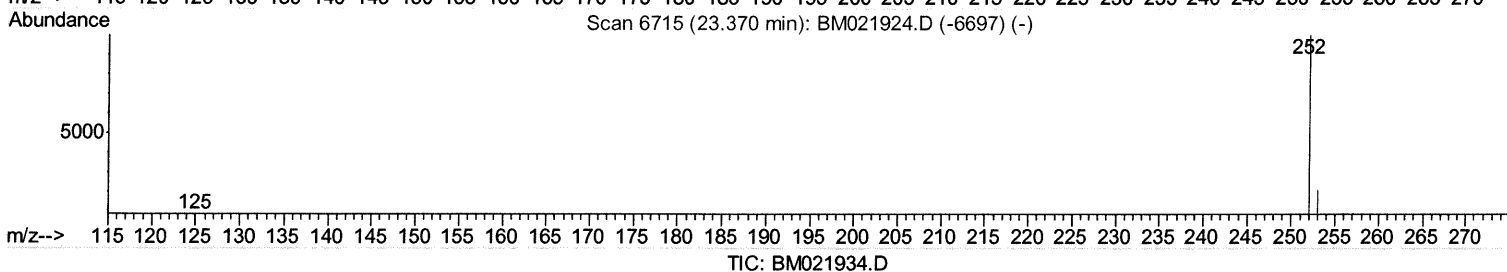
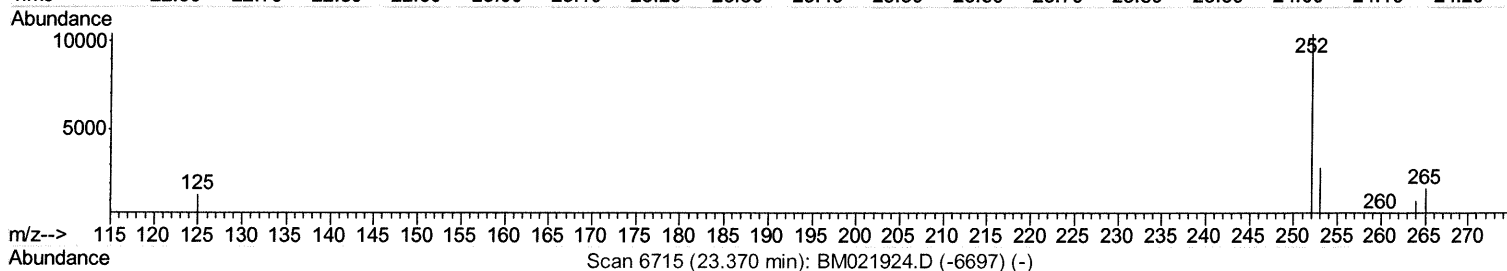
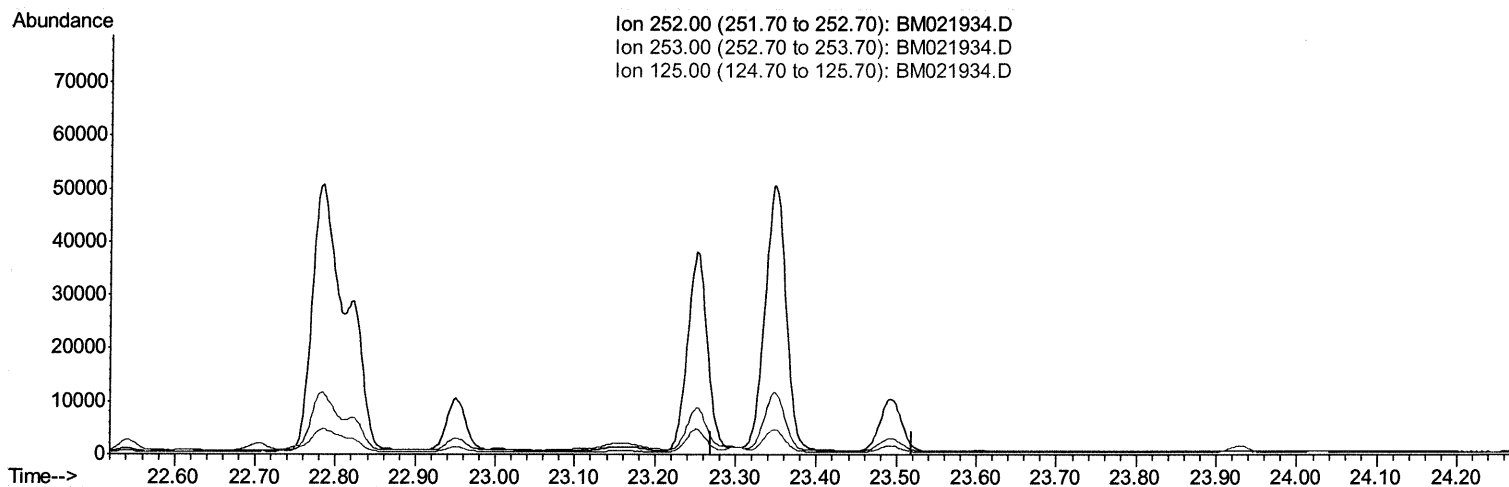
Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

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8/13/2019 8:29:28 AM

Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.370min (-23.370) 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\BM080719\
Quantitation Report (Qedit)

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

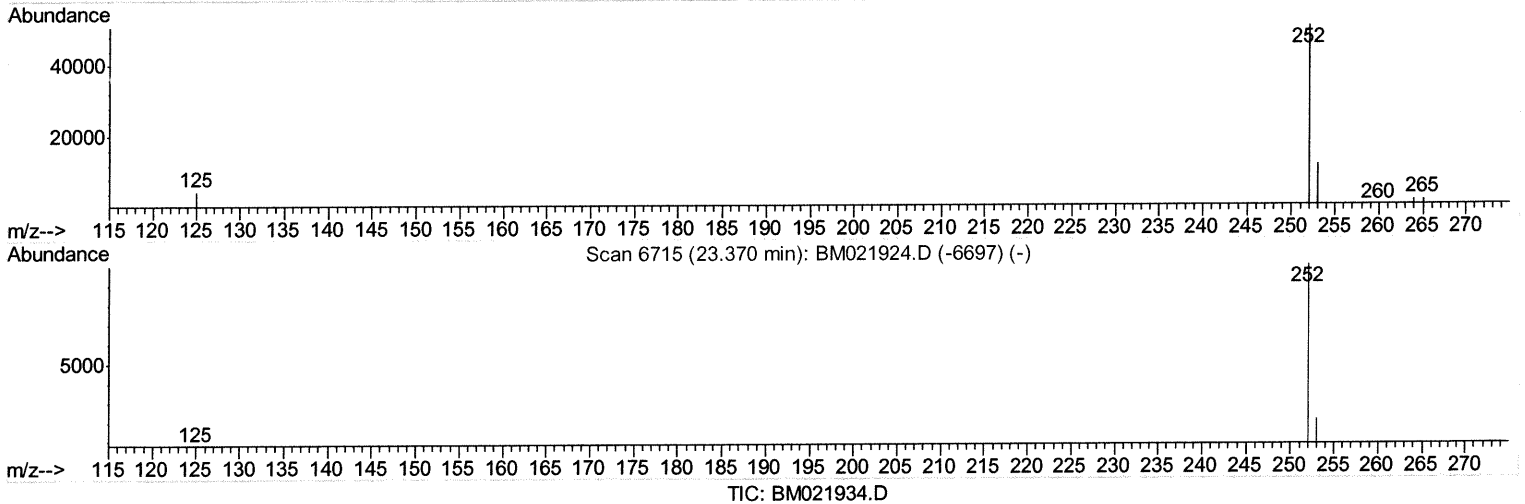
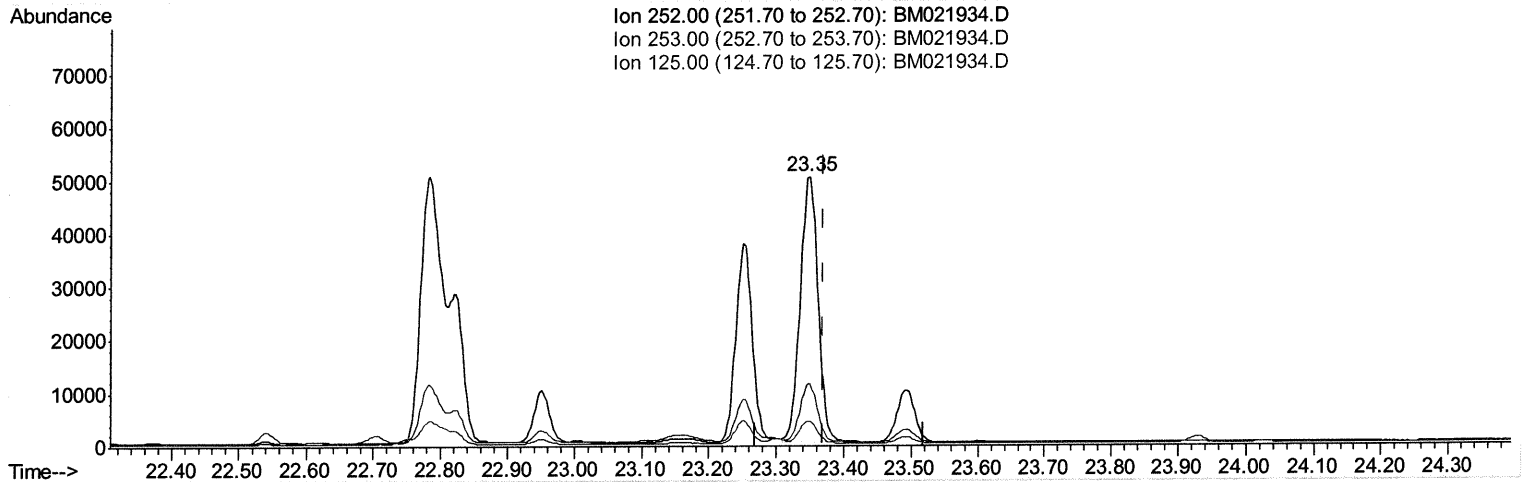
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(23) Benzo(a)pyrene (C)

23.348min (-0.022) 5.47ng/ul m *JU* 08/09/19

response 90584

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	23.06#
125.00	18.20	9.25#
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

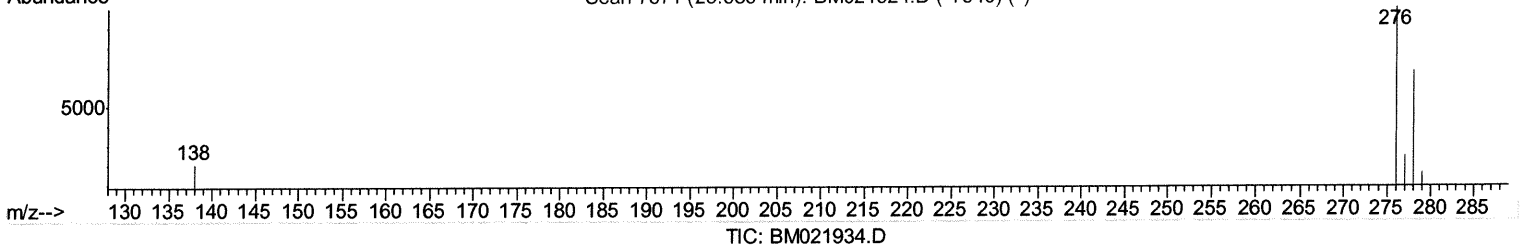
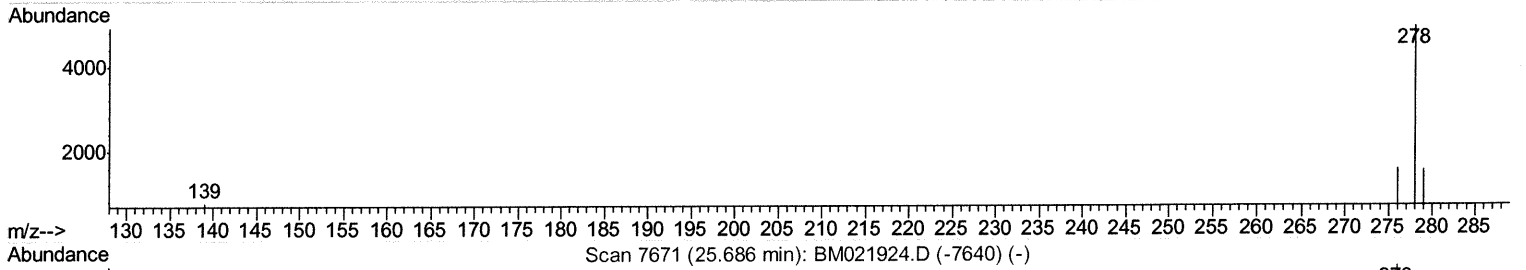
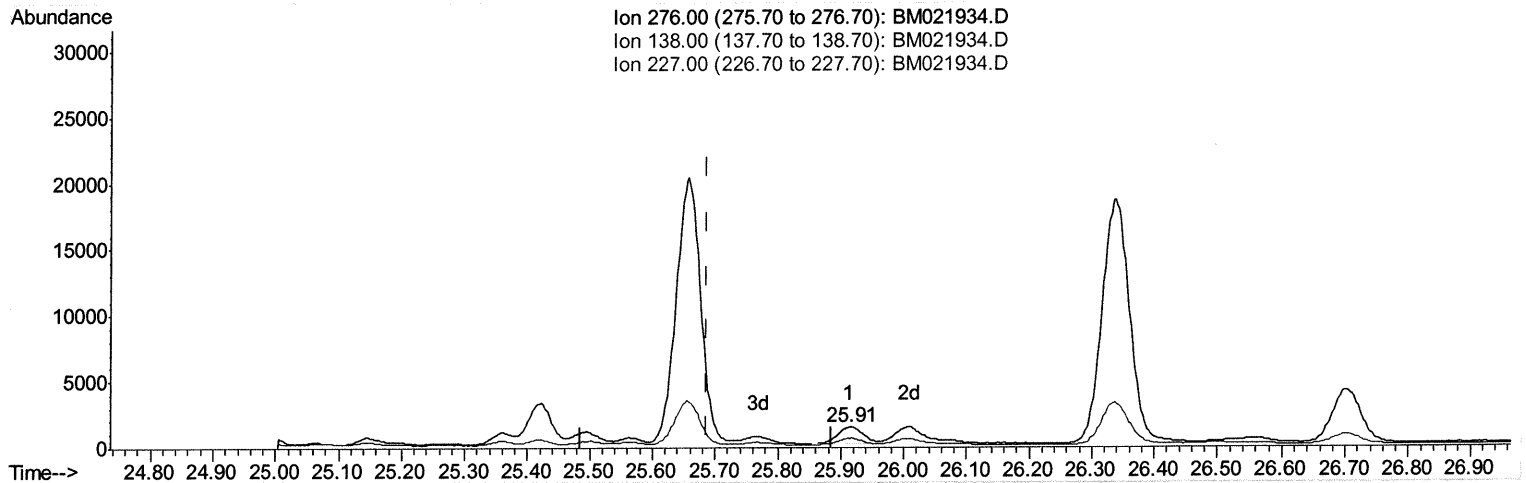
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



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

25.914min (+0.228) 0.18ng/ul

response 3514

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	41.21#
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 : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

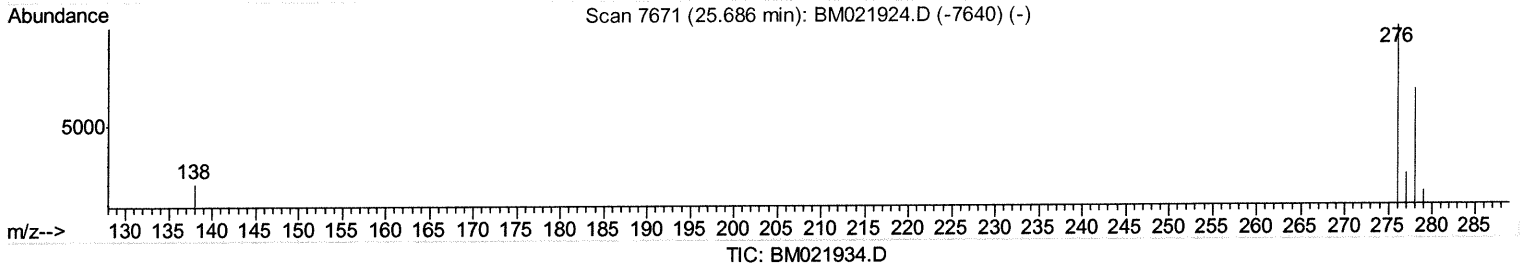
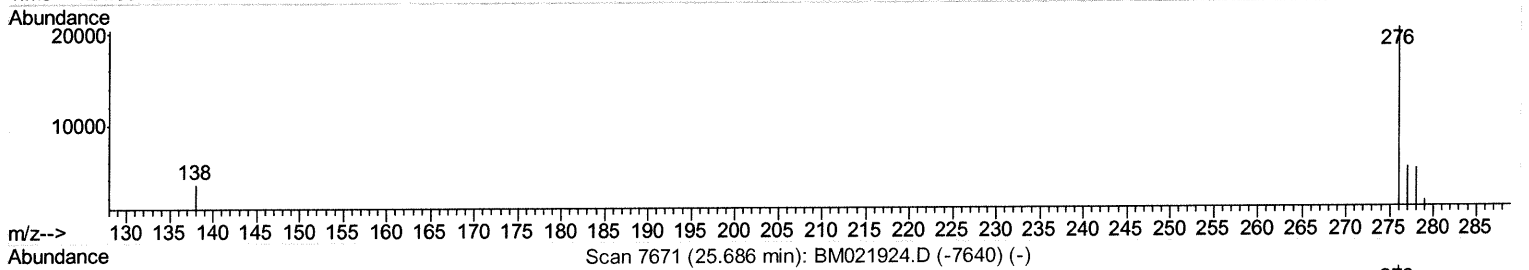
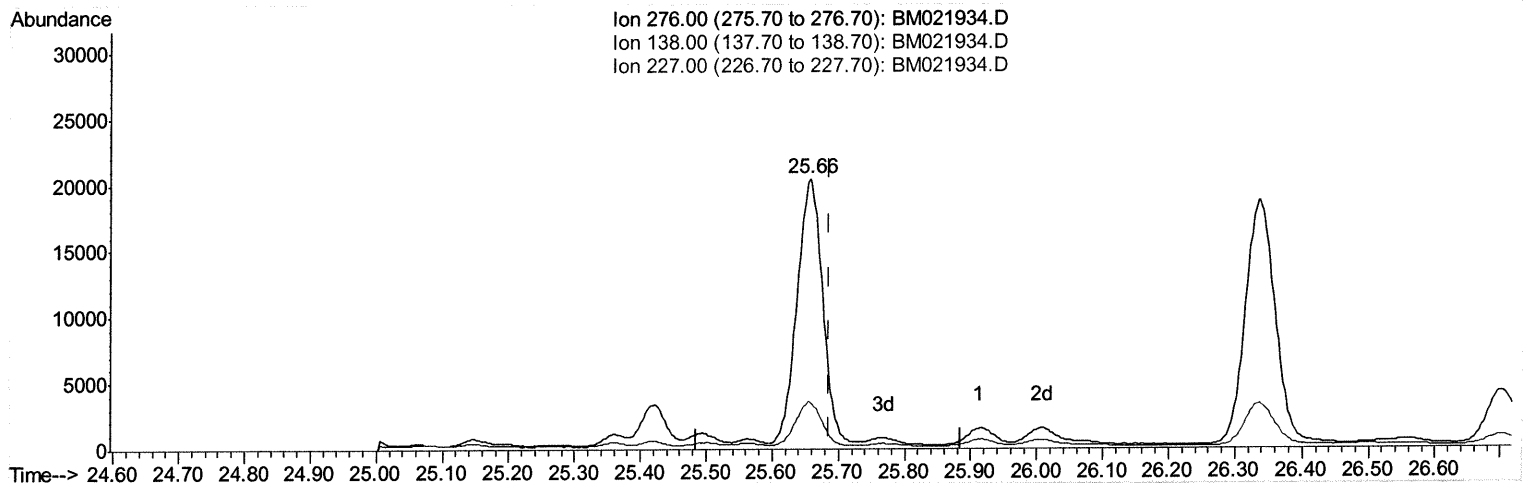
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



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

25.657min (-0.029) 2.74ng/ul m

response 54081

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	2.68#
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 : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

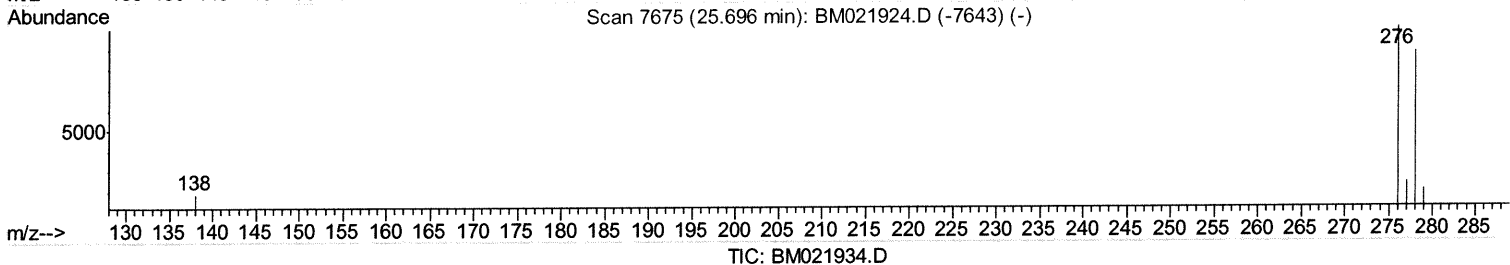
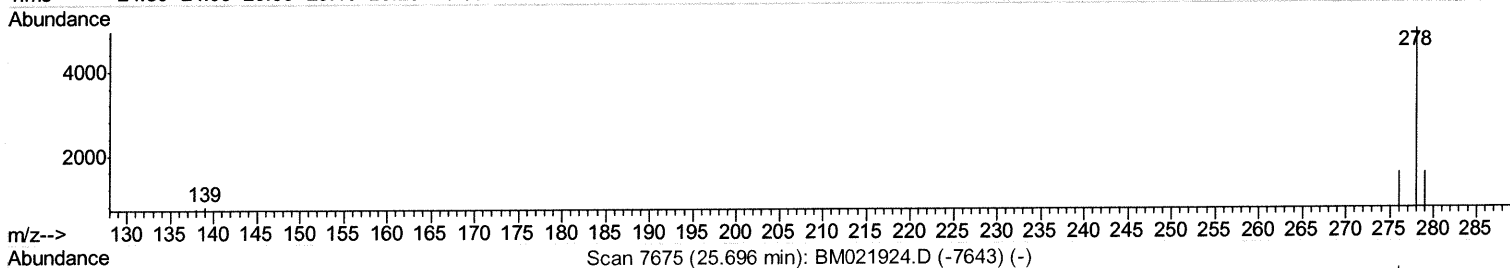
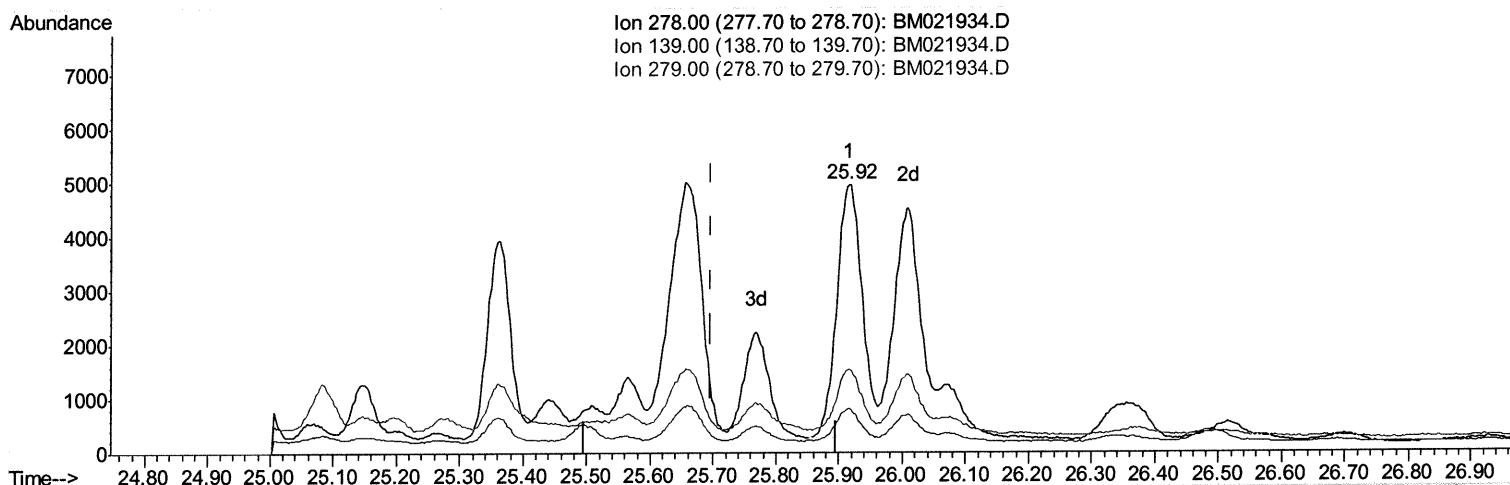
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(25) Dibenzo(a,h)anthracene

25.916min (+0.220) 0.82ng/ul

response 13151

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	16.28
279.00	35.40	31.25
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

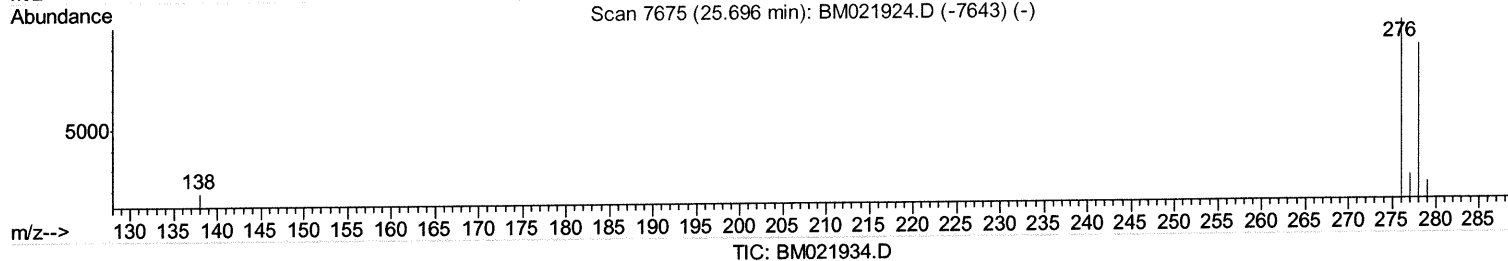
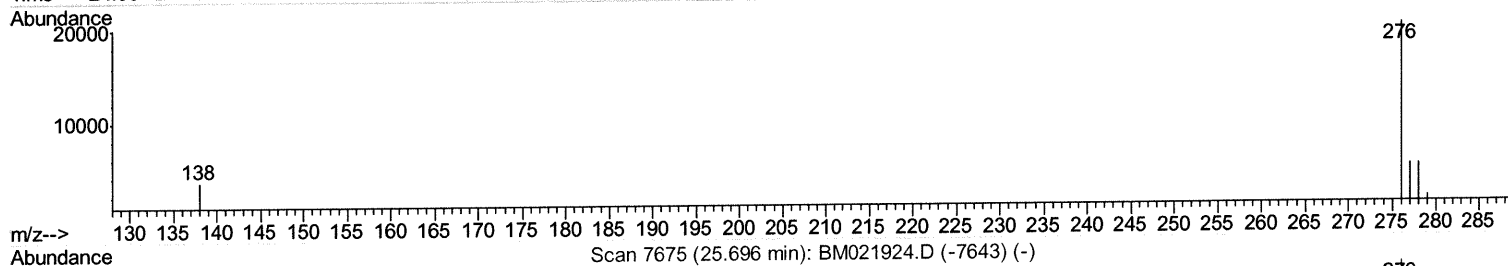
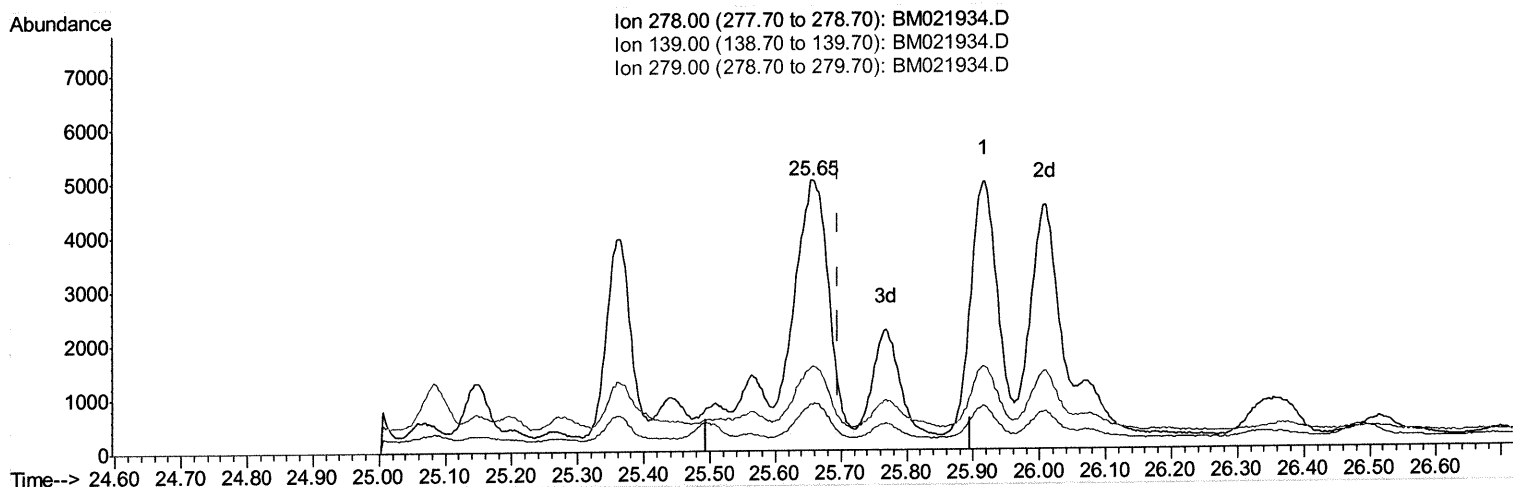
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



(25) Dibenzo(a,h)anthracene

25.654min (-0.041) 1.05ng/ul m

JU
08/09/19

response 16768

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	17.41
279.00	35.40	30.46
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

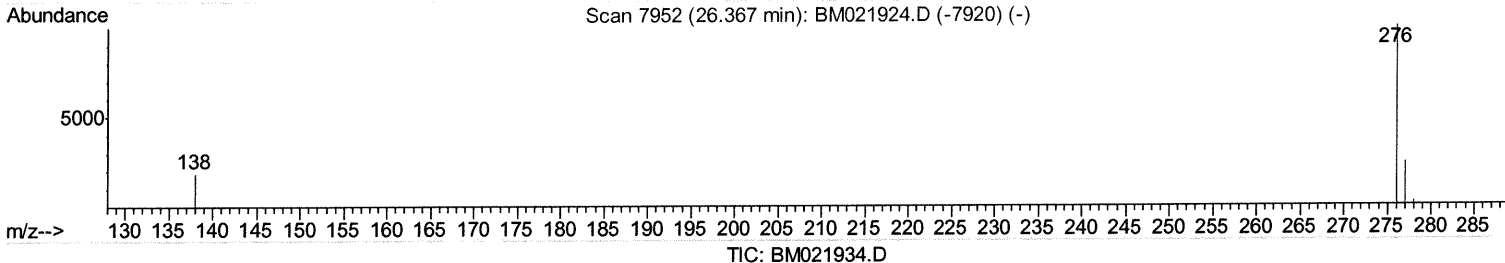
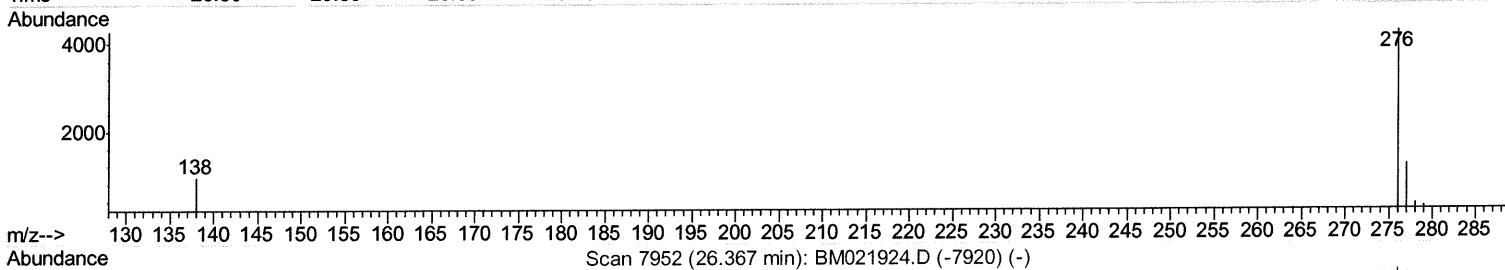
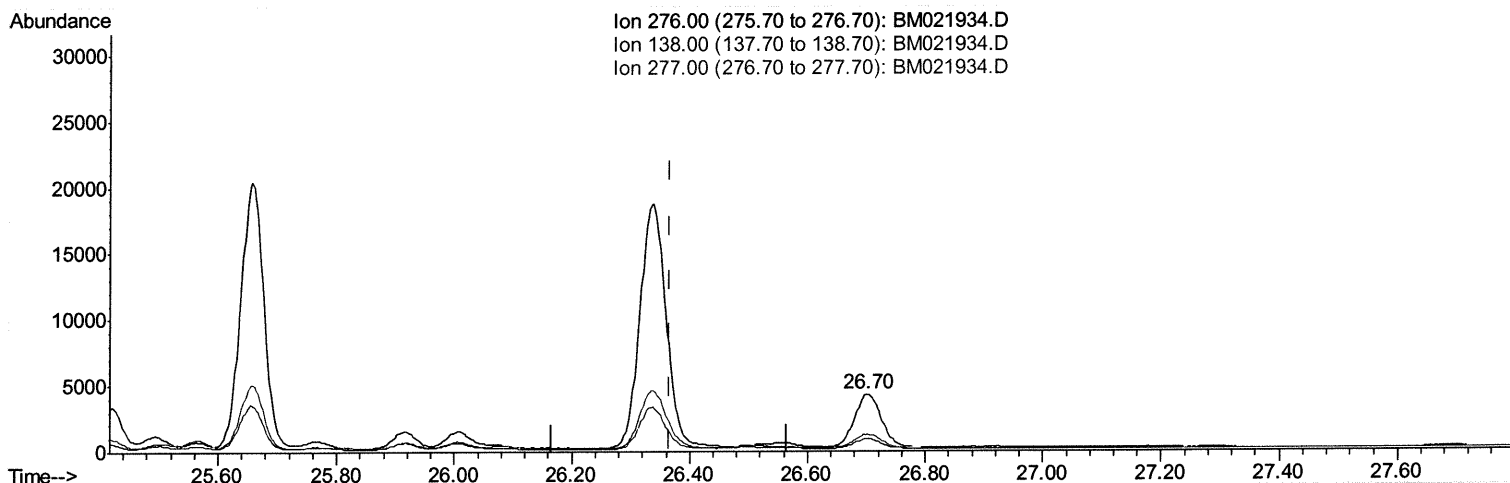
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



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

26.699min (+0.332) 0.71ng/ul

response 12674

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	22.15
277.00	26.80	29.00
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

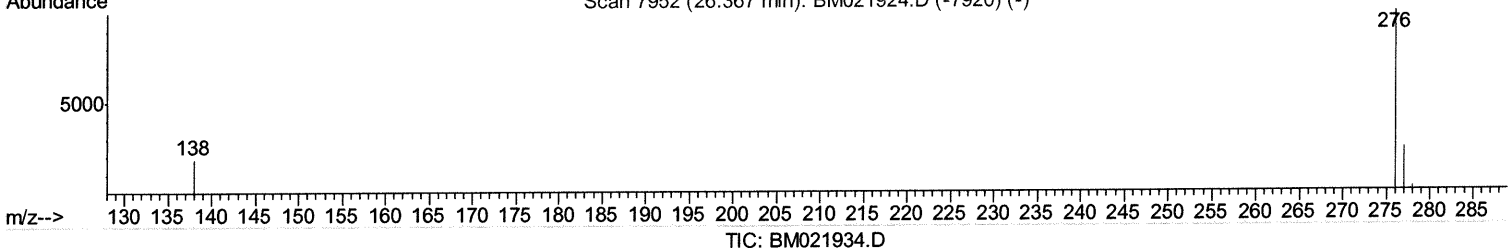
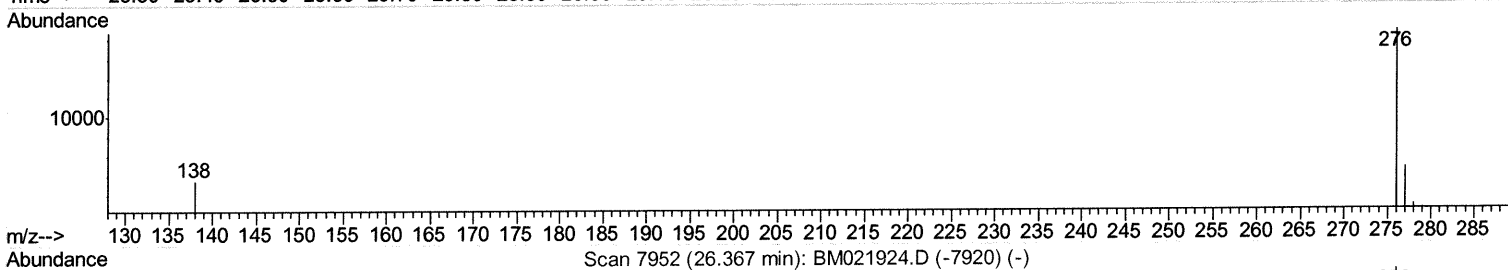
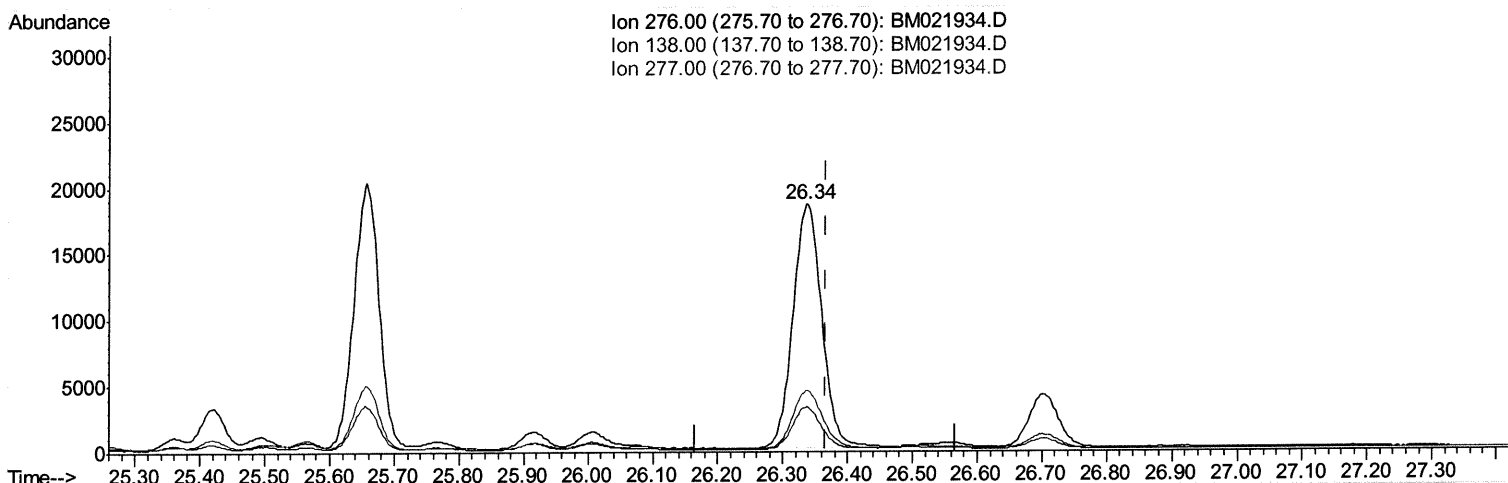
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:10:17 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM



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

26.338min (-0.029) 3.20ng/ul m

JU
08/09/19

response 56878

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	18.23
277.00	26.80	24.59
0.00	0.00	0.00

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

Data File : BM021934.D
Acq On : 08 Aug 2019 15:39
Operator : HP/JU
Sample : K4028-18

Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 01:12:44 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 00:56:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	826	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3468	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1910	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4581m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4388m →	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	4825m →	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	981	0.17	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	2860m →	0.19	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.45	128	1799	0.184	ng/ul	97
5) 2-Methylnaphthalene	12.09	142	1020	0.156	ng/ul	94
7) Acenaphthylene	14.00	152	3803	0.427	ng/ul#	84
8) Acenaphthene	14.34	153	2373	0.326	ng/ul	97
9) Fluorene	15.33	166	2414	0.298	ng/ul	97
12) Phenanthrene	17.07	178	52977m →	3.974	ng/ul	97
13) Anthracene	17.16	178	12582m →	1.107	ng/ul	97
15) Fluoranthene	19.09	202	125515m →	7.030	ng/ul	97
17) Pyrene	19.46	202	155300	8.613	ng/ul	99
18) Benzo(a)anthracene	21.21	228	95779m →	6.102	ng/ul	97
19) Chrysene	21.27	228	102309	5.068	ng/ul	100
21) Benzo(b)fluoranthene	22.78	252	109531m →	6.732	ng/ul	97
22) Benzo(k)fluoranthene	22.82	252	42518m →	2.309	ng/ul	97
23) Benzo(a)pyrene	23.35	252	90584m →	5.474	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.66	276	54081m →	2.737	ng/ul	97
25) Dibenzo(a,h)anthracene	25.65	278	16768m →	1.050	ng/ul	97
26) Benzo(g,h,i)perylene	26.34	276	56878m →	3.198	ng/ul	97

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