

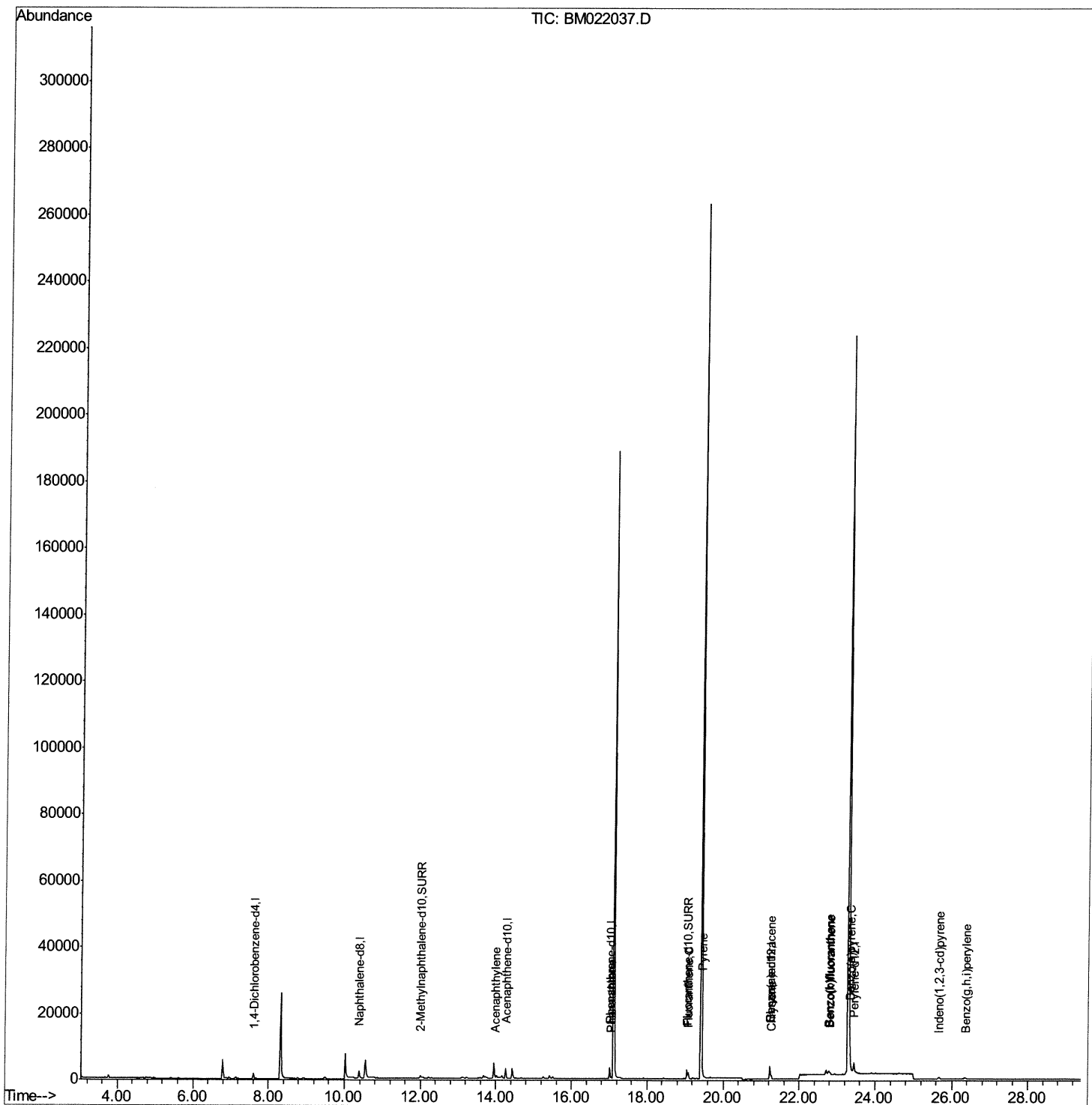
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022037.D
Acq On : 12 Aug 2019 18:20
Operator : HP/JU
Sample : K3962-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP10

Manual Integrations
APPROVED

Sohil
8/13/2019 9:56:33 AM

Quant Time: Aug 12 18:56:42 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 : Mon Aug 12 18:02:08 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

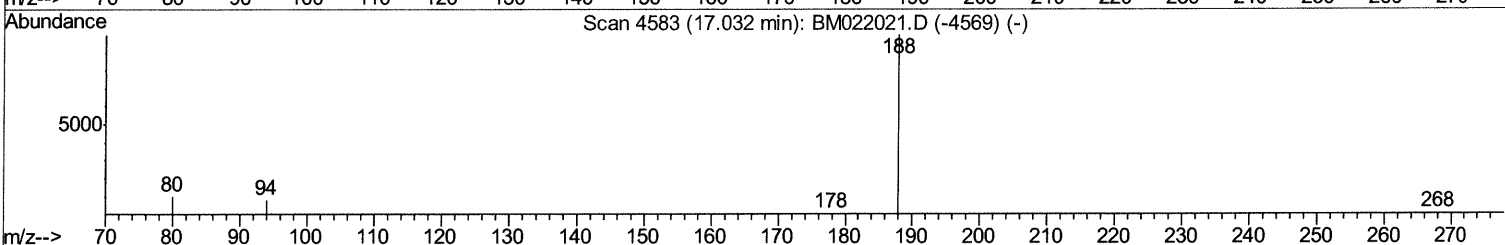
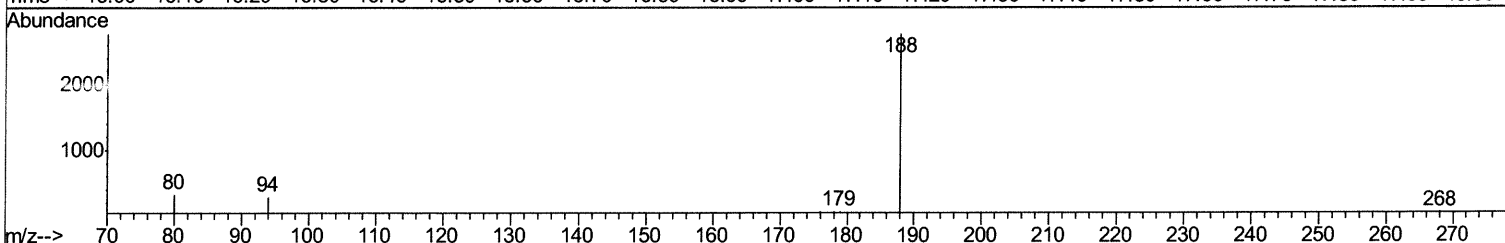
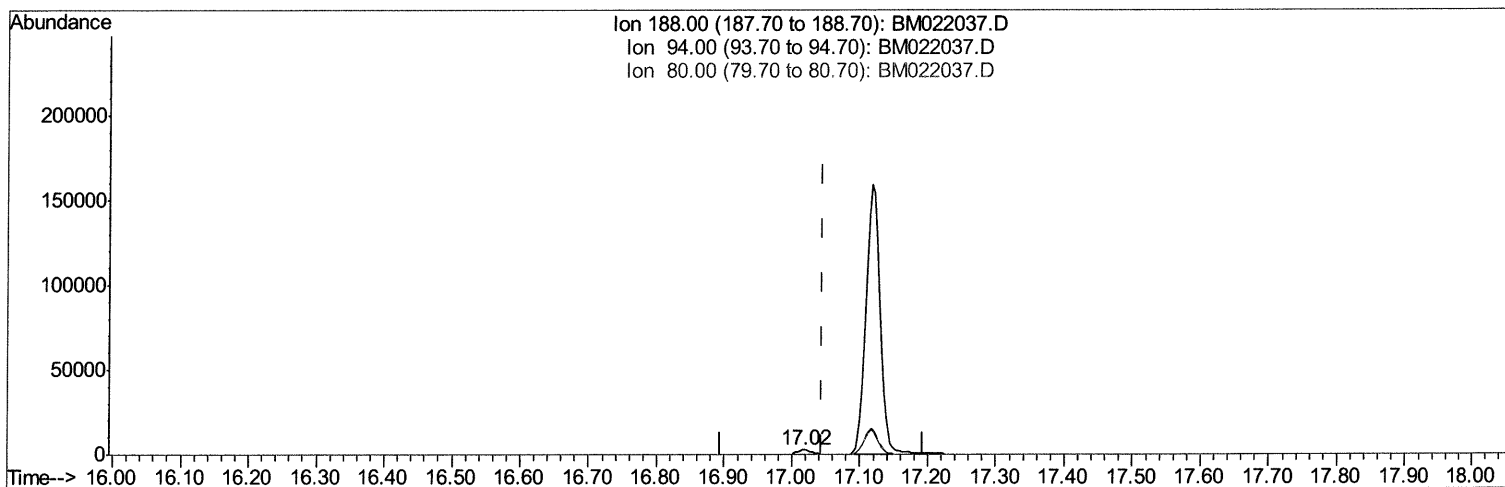
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022037.D
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TIC: BM022037.D

(10) Phenanthrene-d10 (I)

17.017min (-0.028) 0.40ng/ul m

JU
08/13/19

response 3951

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.68
80.00	11.40	12.02
0.00	0.00	0.00

Quantitation Report (Qedit)

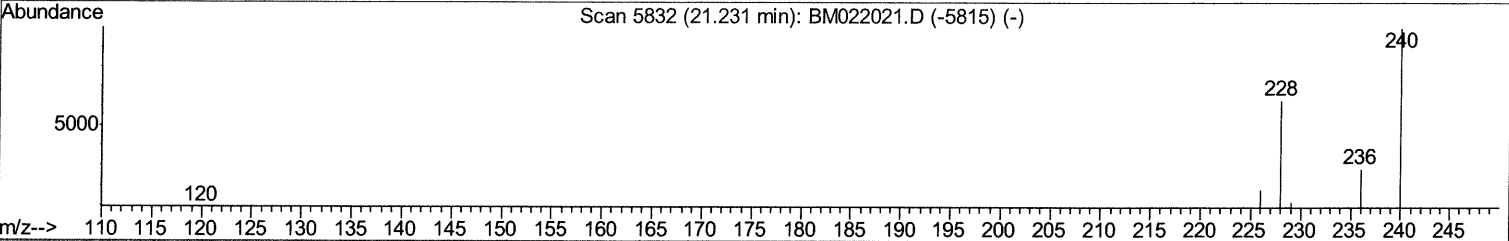
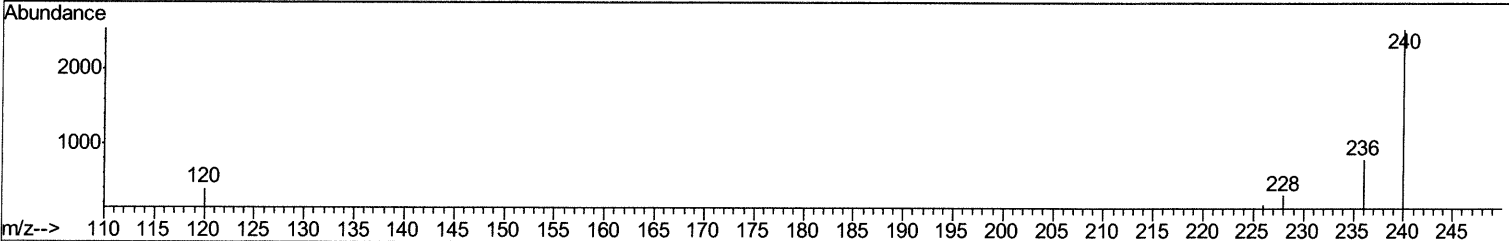
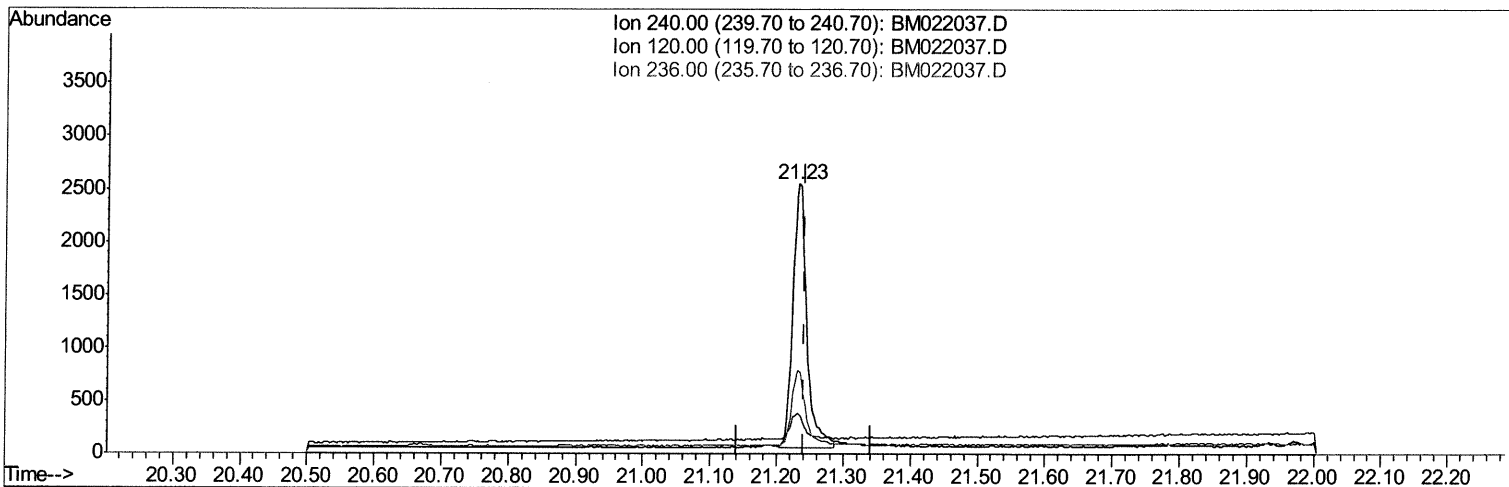
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022037.D
 Acq On : 12 Aug 2019 18:20
 Operator : HP/JU
 Sample : K3962-17
 Misc :
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Instrument :
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 ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



TIC: BM022037.D

(16) Chrysene-d12 (I)

21.232min (-0.010) 0.40ng/ul m *JU 08/13/19*

response 3595

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.20
236.00	32.30	31.15
0.00	0.00	0.00

Quantitation Report (Qedit)

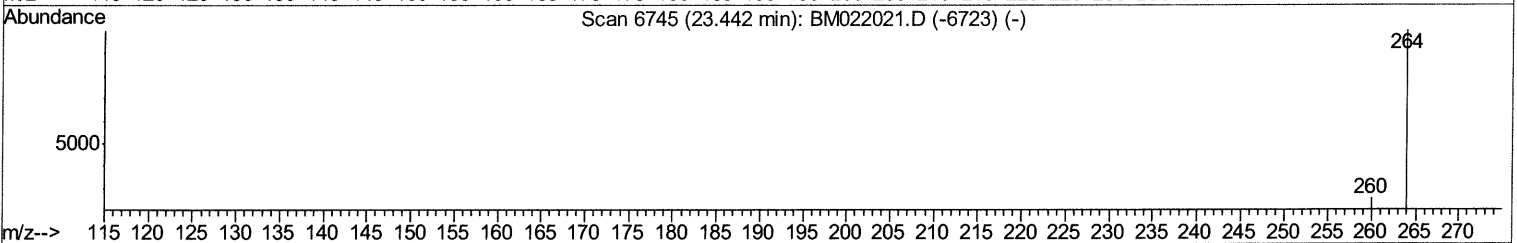
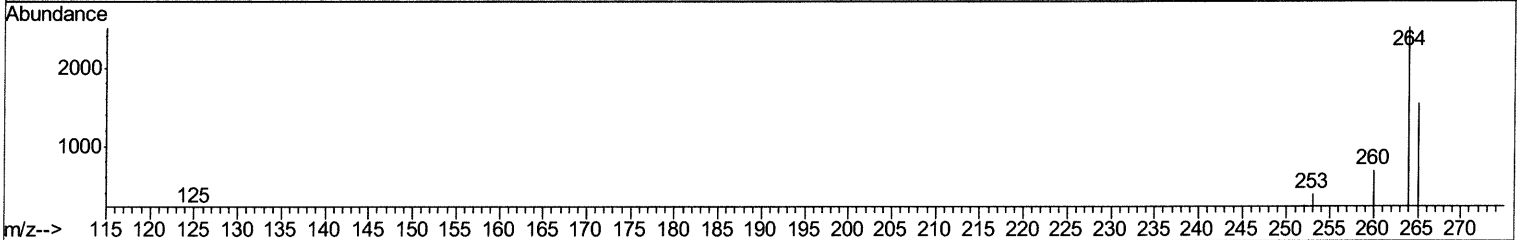
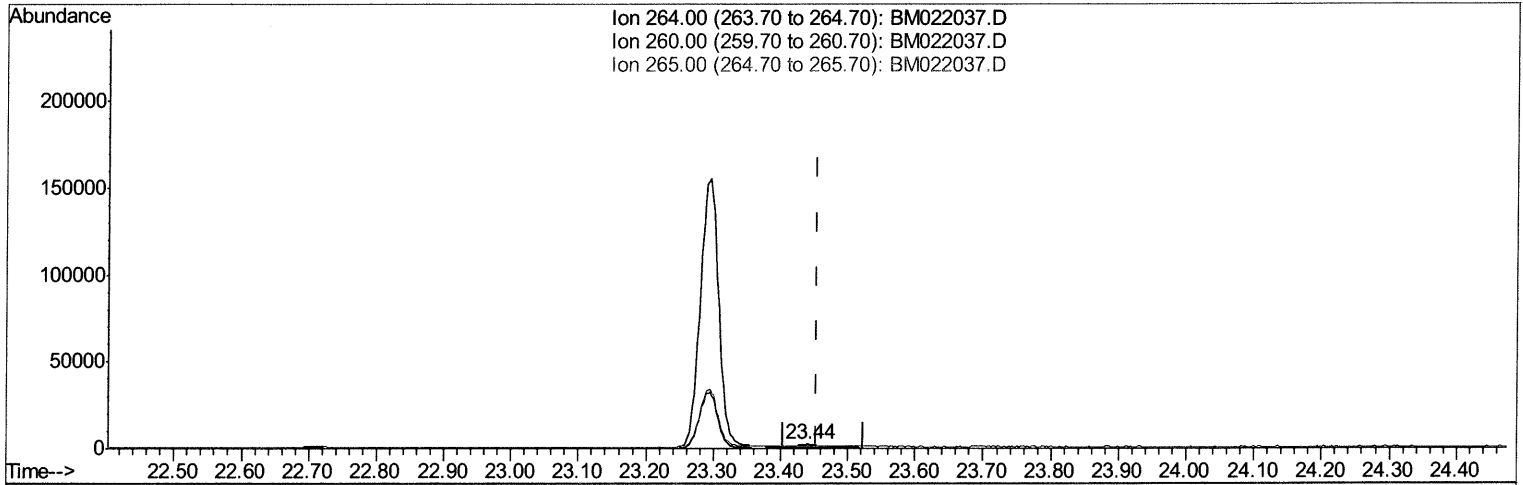
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022037.D
 Acq On : 12 Aug 2019 18:20
 Operator : HP/JU
 Sample : K3962-17
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Instrument :
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Manual Integrations
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TIC: BM022037.D

(20) Perylene-d12 (I)

23.440min (-0.014) 0.40ng/ul m *JU 08/13/19*

response 3367

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.28
265.00	117.00	61.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

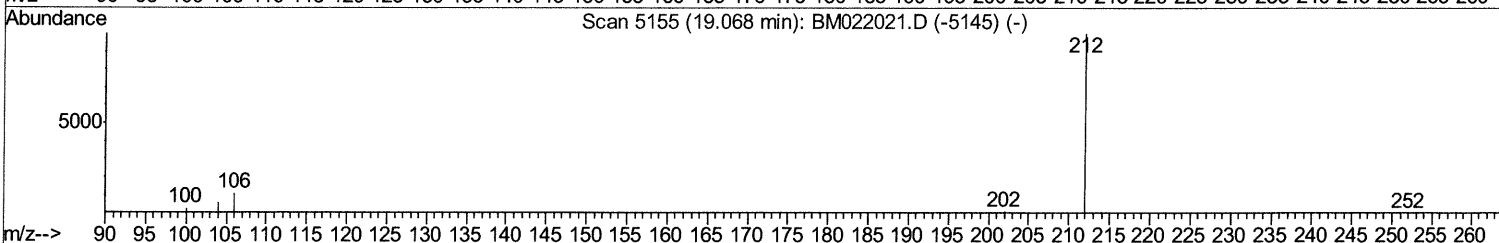
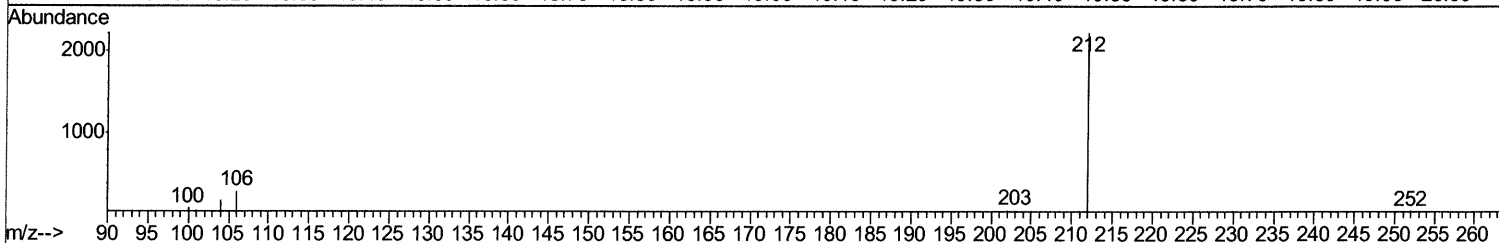
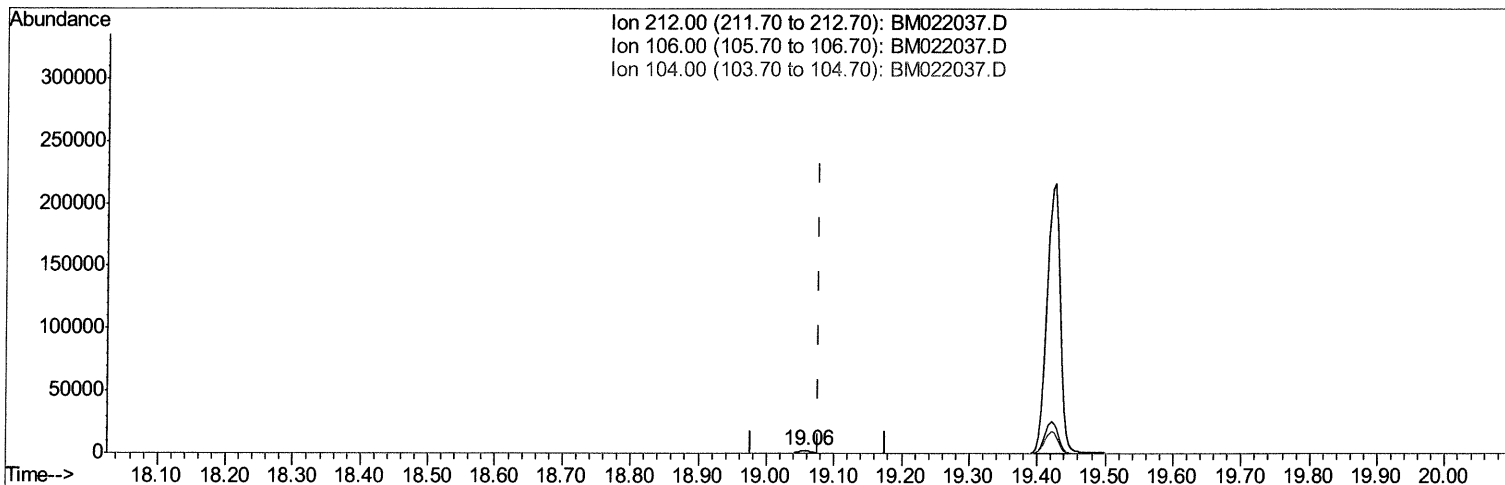
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022037.D
 Acq On : 12 Aug 2019 18:20
 Operator : HP/JU
 Sample : K3962-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BEP10

Manual Integrations
 APPROVED

Sohil
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Quant Time: Aug 12 18:56:42 2019
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TIC: BM022037.D

(14) Fluoranthene-d10 (SURR)

19.058min (-0.019) 0.24ng/ul m

JU
 08/13/19

response 3224

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

Quantitation Report (Qedit)

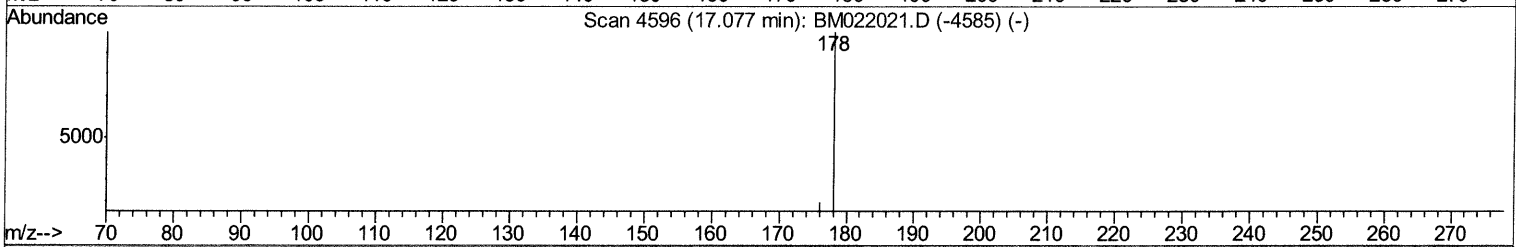
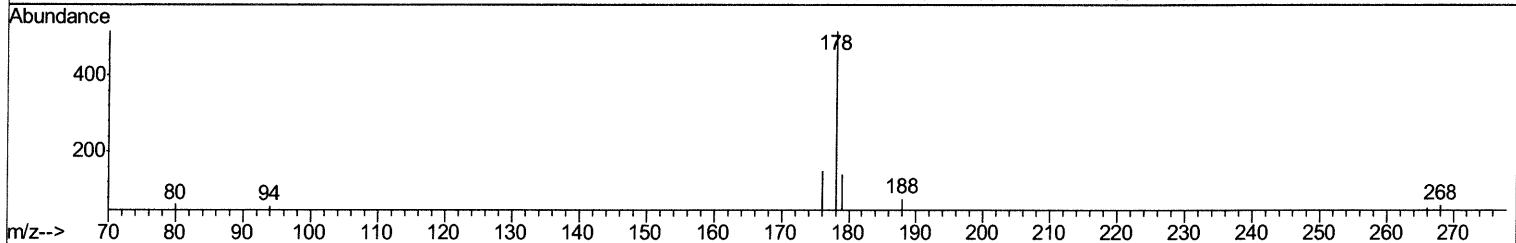
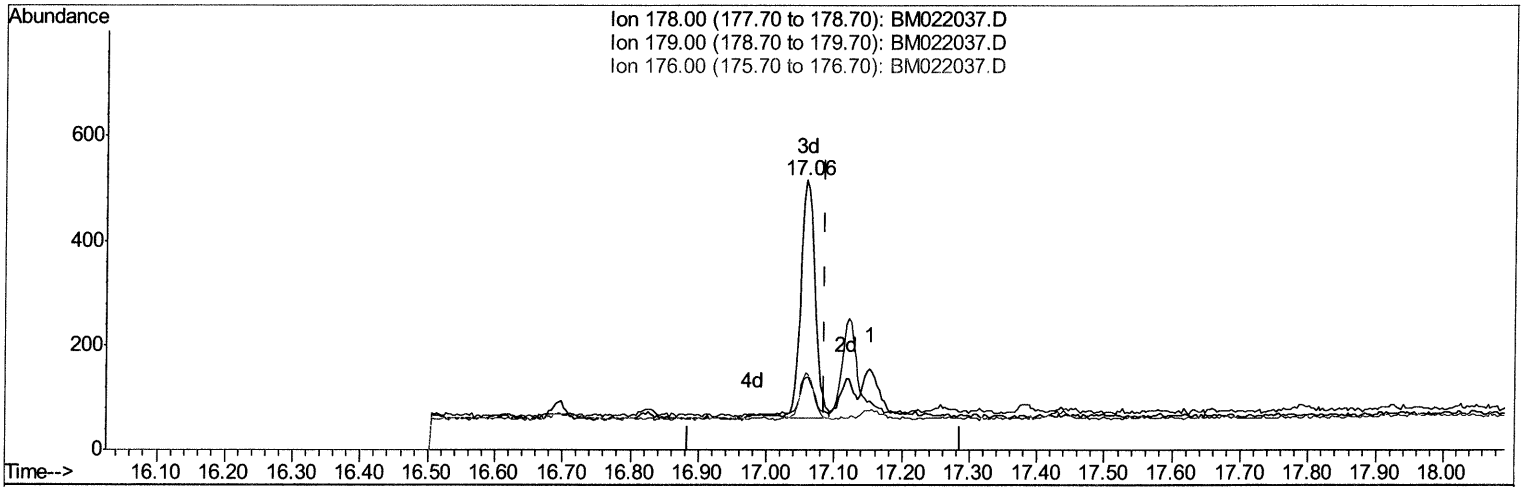
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022037.D
 Acq On : 12 Aug 2019 18:20
 Operator : HP/JU
 Sample : K3962-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BEP10

Manual Integrations
APPROVED

Sohil
 8/13/2019 9:56:33 AM

Quant Time: Aug 12 18:56:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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 Response via : Initial Calibration



TIC: BM022037.D

(12) Phenanthrene

17.058min (-0.028) 0.06ng/ul m

JU
 08/13/19

response 661

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	26.94#
176.00	21.00	28.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

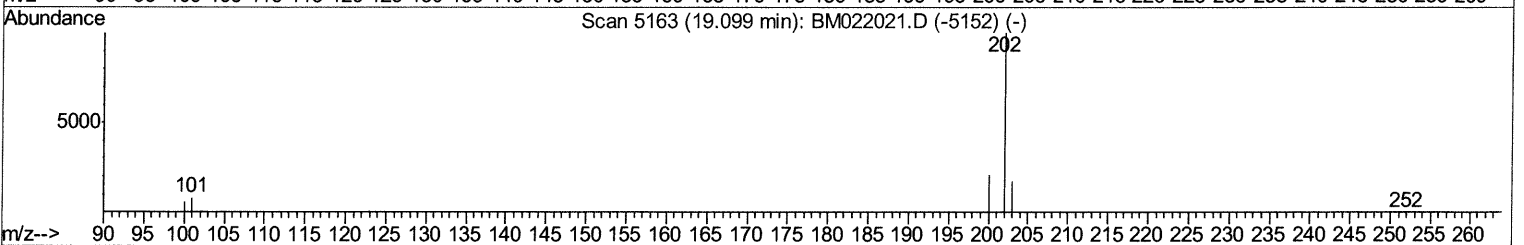
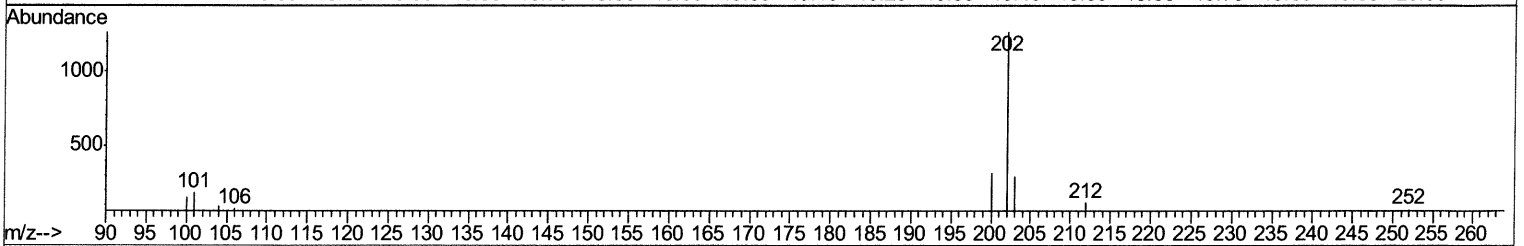
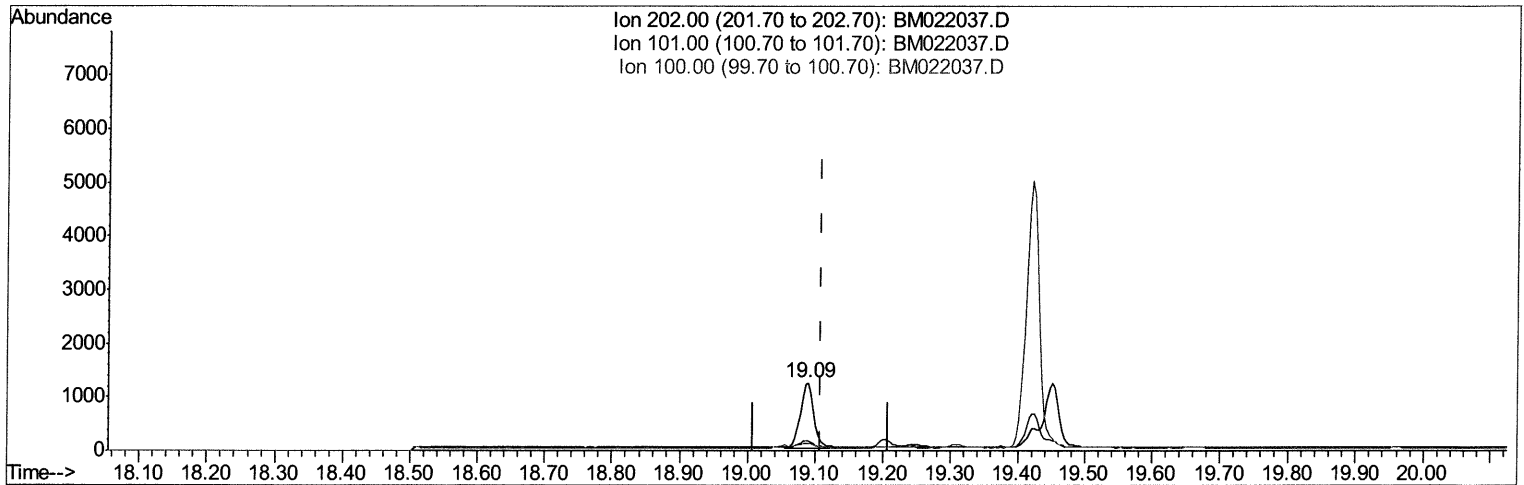
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022037.D
 Acq On : 12 Aug 2019 18:20
 Operator : HP/JU
 Sample : K3962-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP10

Manual Integrations
 APPROVED

Sohil
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Quant Time: Aug 12 18:56:42 2019
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 Response via : Initial Calibration



TIC: BM022037.D

(15) Fluoranthene (C)

19.089min (-0.019) 0.11ng/ul m 08/13/19

response 1696

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	14.03
100.00	8.10	11.51
0.00	0.00	0.00

Quantitation Report (Qedit)

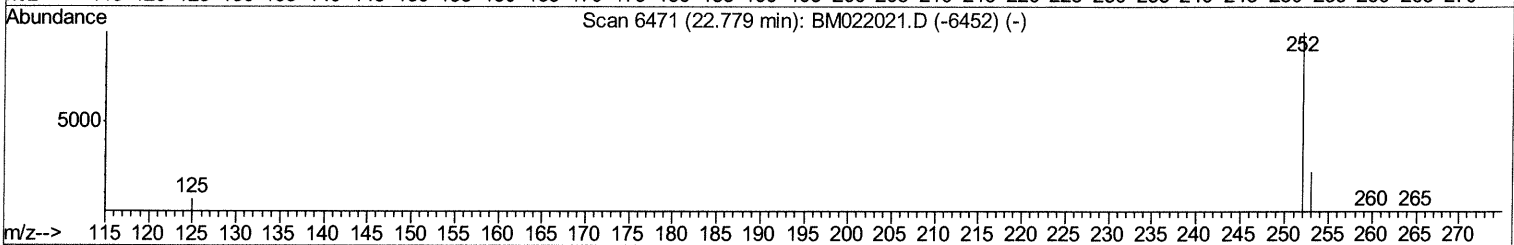
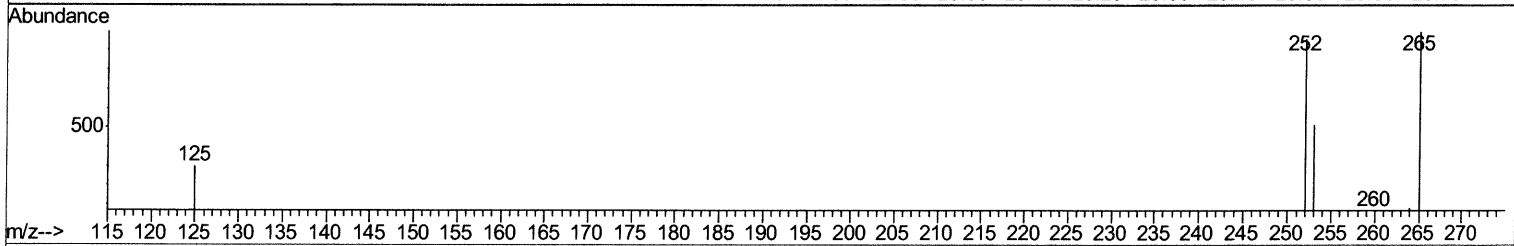
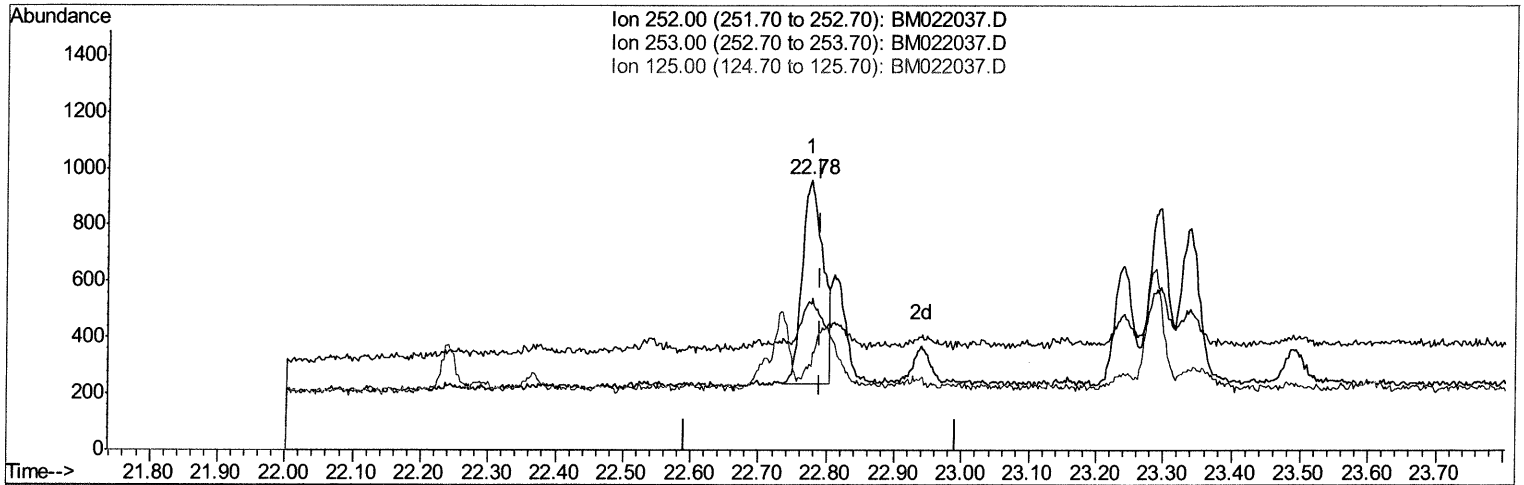
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022037.D
 Acq On : 12 Aug 2019 18:20
 Operator : HP/JU
 Sample : K3962-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 BEP10

Manual Integrations
APPROVED

Sohil
 8/13/2019 9:56:33 AM

Quant Time: Aug 12 18:56:42 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 12 18:02:08 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.777min (-0.014) 0.14ng/ul m *Ju 08/13/19*

response 1537

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	53.91
125.00	15.50	31.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

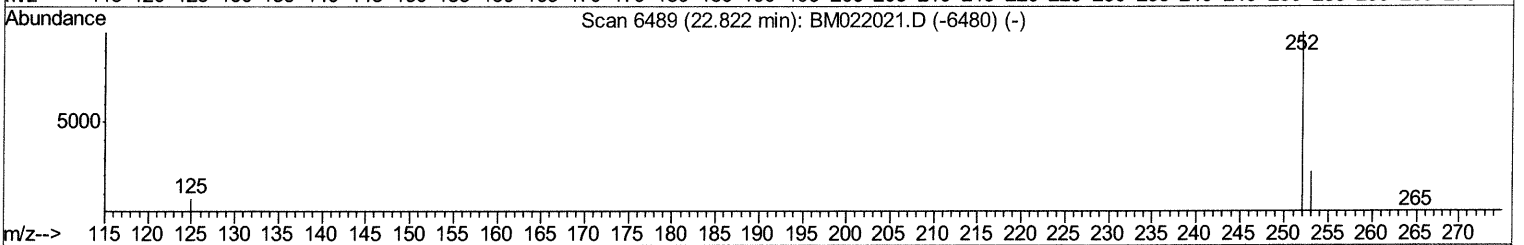
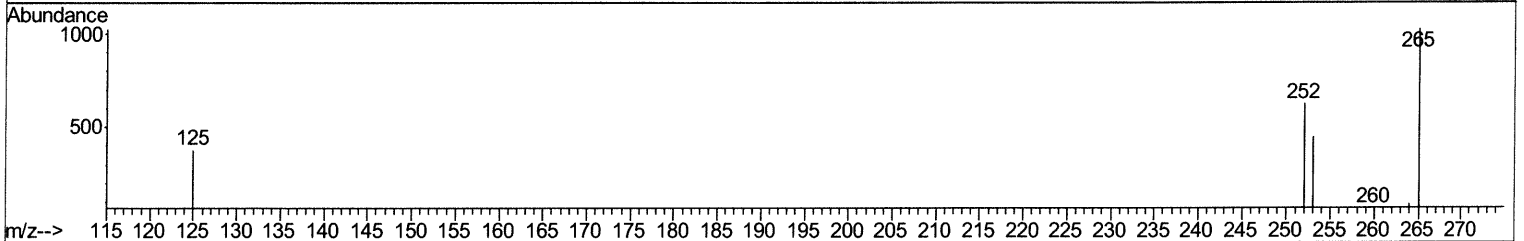
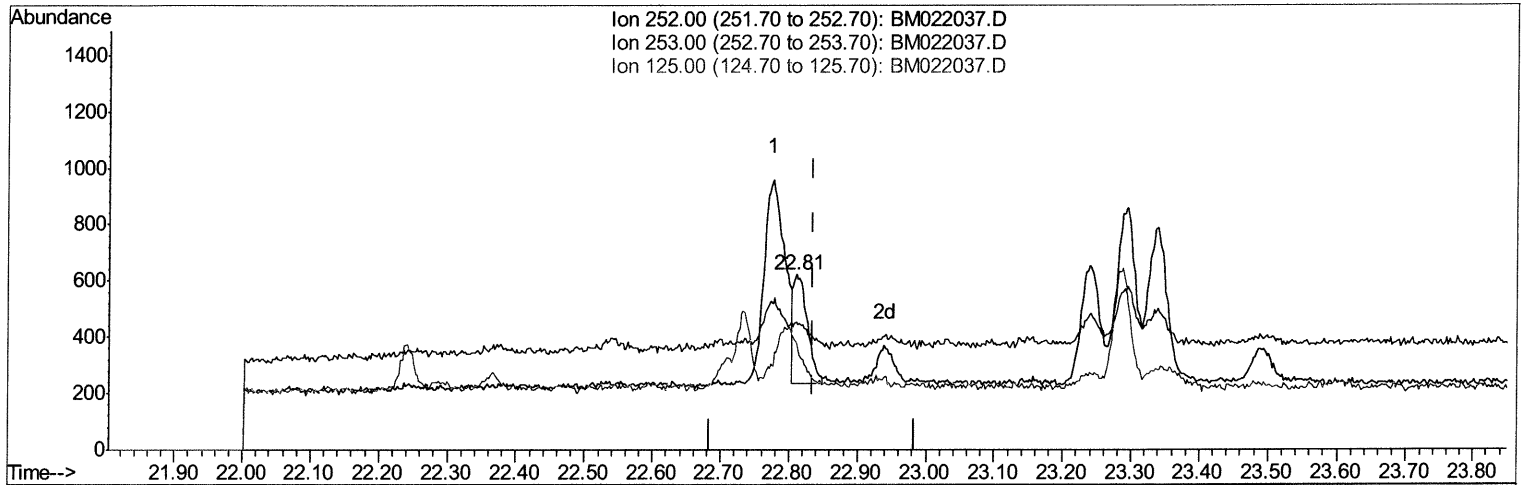
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022037.D
 Acq On : 12 Aug 2019 18:20
 Operator : HP/JU
 Sample : K3962-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP10

Manual Integrations
 APPROVED

Sohil
 8/13/2019 9:56:33 AM

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 Response via : Initial Calibration



TIC: BM022037.D

(22) Benzo(k)fluoranthene

22.810min (-0.024) 0.04ng/ul m 08/13/19

response 563

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	72.55#
125.00	15.20	60.83#
0.00	0.00	0.00

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 Operator : HP/JU
 Sample : K3962-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 8/13/2019 9:56:33 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	780	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	3139	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	1685	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3951m →	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	3595m →	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	3367m →	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1095	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	3224m →	0.24	ng/ul	-0.02
Target Compounds						
					Qvalue	
7) Acenaphthylene	13.98	152	212	0.027	ng/ul#	52
12) Phenanthrene	17.06	178	661m →	0.057	ng/ul	70
15) Fluoranthene	19.09	202	1696m →	0.110	ng/ul	70
17) Pyrene	19.45	202	1645	0.111	ng/ul#	82
18) Benzo(a)anthracene	21.22	228	968	0.075	ng/ul#	82
19) Chrysene	21.27	228	993	0.060	ng/ul#	85
21) Benzo(b)fluoranthene	22.78	252	1537m →	0.135	ng/ul	70
22) Benzo(k)fluoranthene	22.81	252	563m →	0.044	ng/ul	70
23) Benzo(a)pyrene	23.34	252	1034	0.090	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	25.66	276	750	0.054	ng/ul#	100
26) Benzo(g,h,i)perylene	26.35	276	838	0.068	ng/ul#	62

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

Quantitation Report (Qedit)

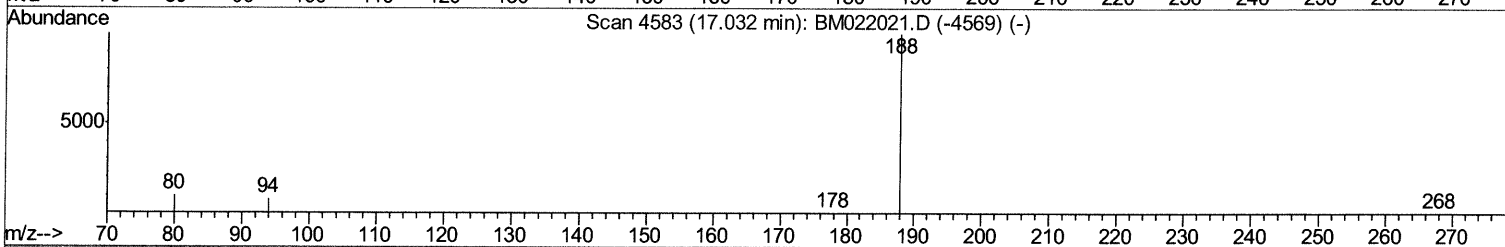
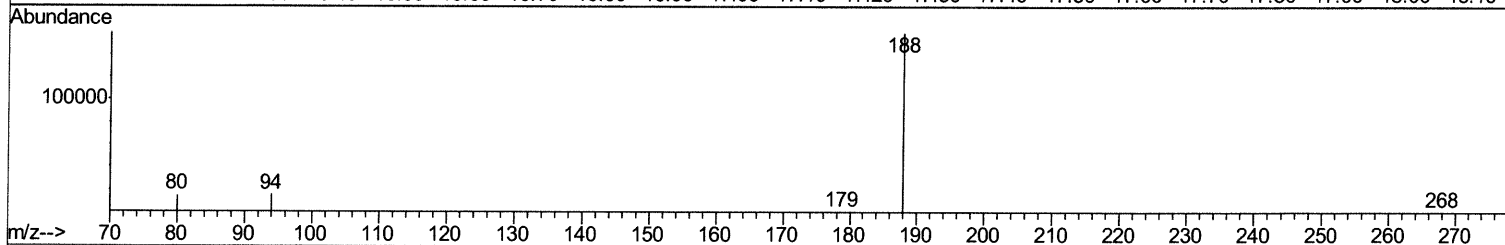
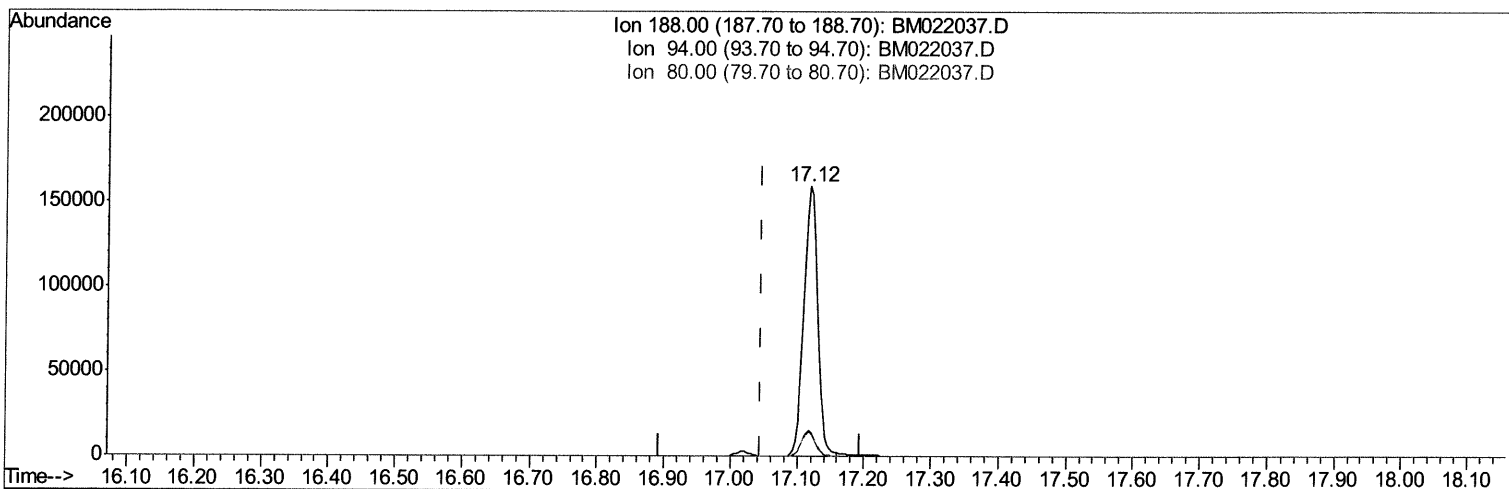
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Manual Integrations
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Quant Time: Aug 13 08:49:49 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 08:25:01 2019
 Response via : Initial Calibration



TIC: BM022037.D

(10) Phenanthrene-d10 (I)
 17.117min (+0.073) 0.40ng/ul
 response 223954

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.40
80.00	11.40	8.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

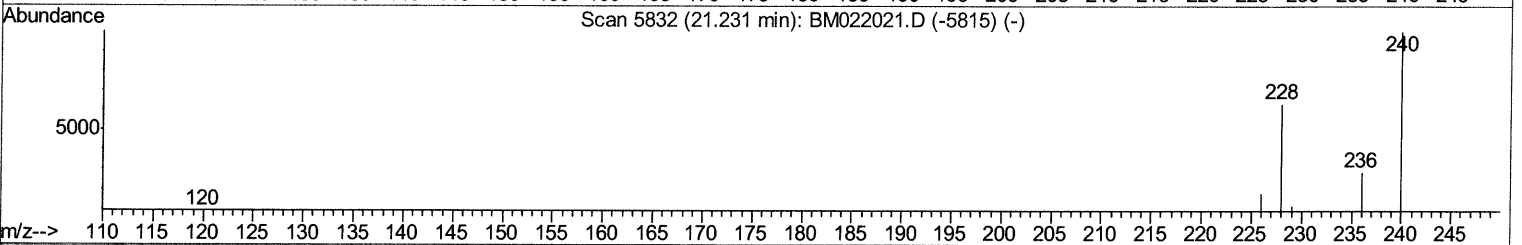
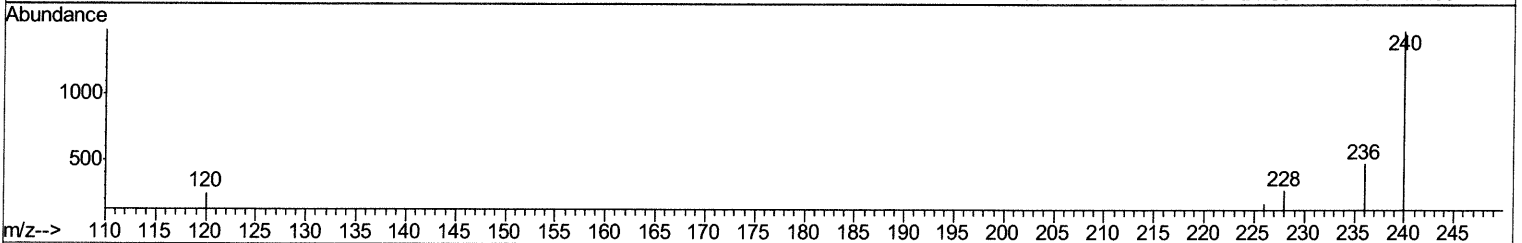
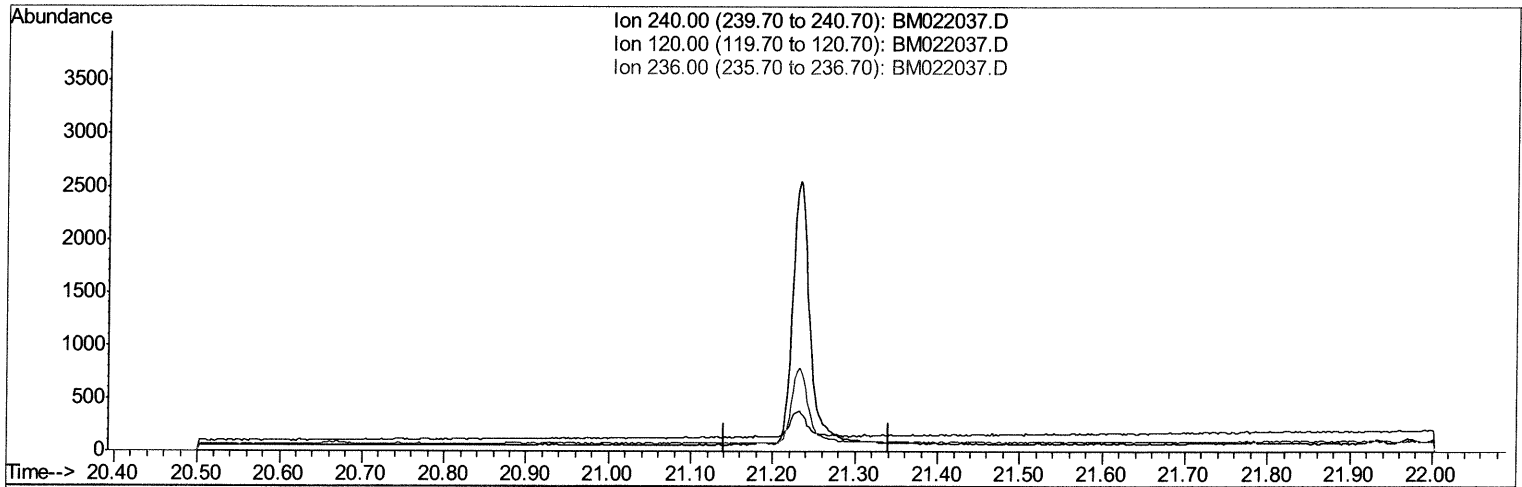
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 08:25:01 2019
 Response via : Initial Calibration



(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

Quantitation Report (Qedit)

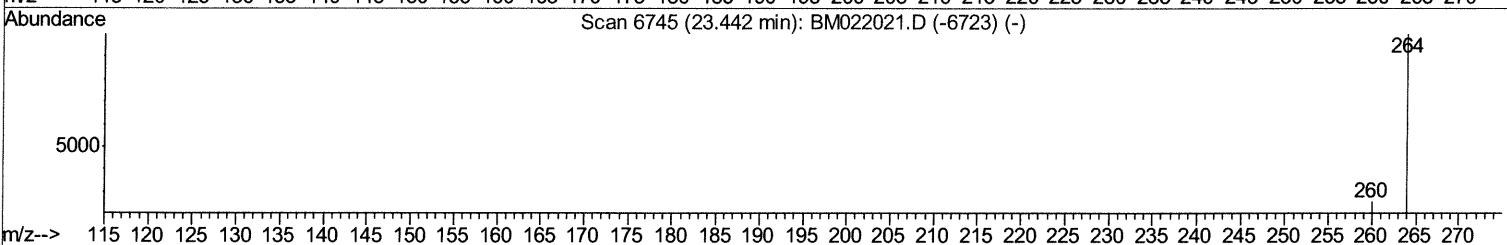
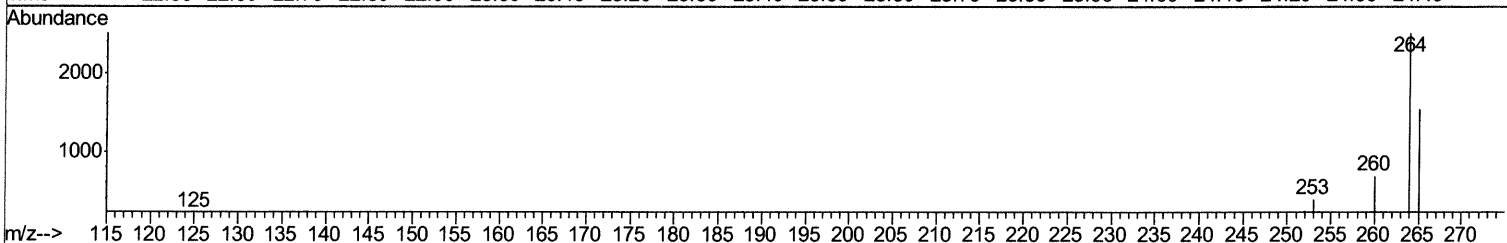
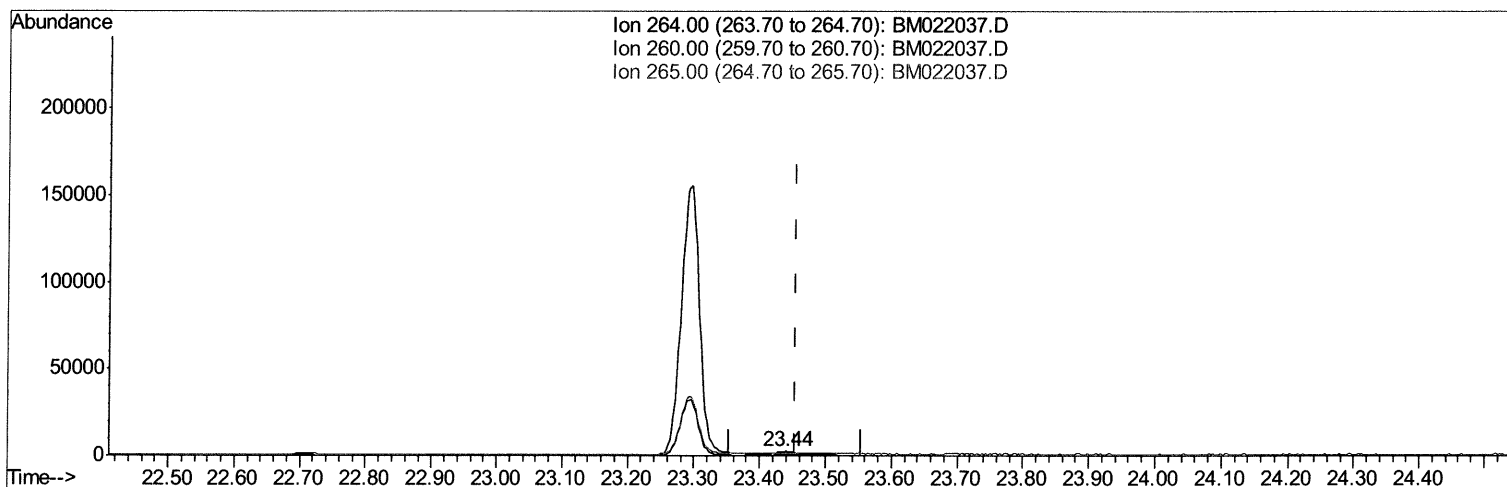
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
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TIC: BM022037.D

(20) Perylene-d12 (I)

23.440min (-0.014) 0.40ng/ul

response 5003

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.28
265.00	117.00	61.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

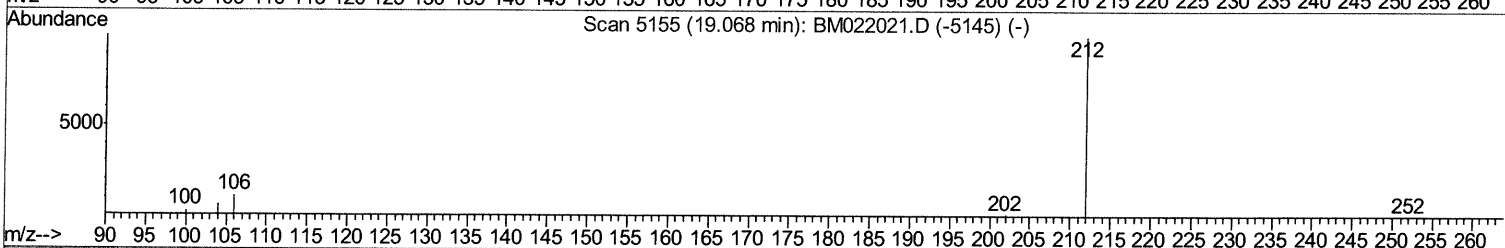
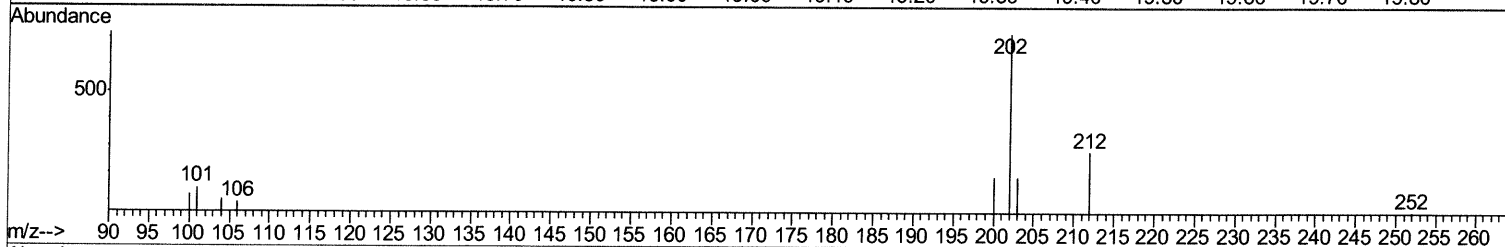
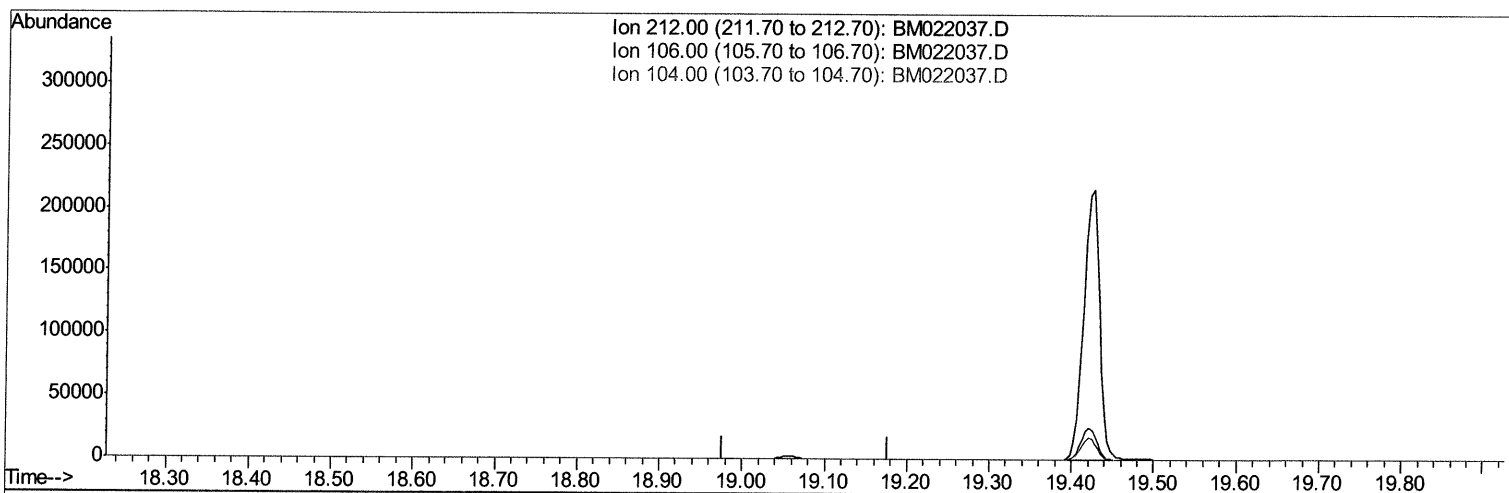
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022037.D
 Acq On : 12 Aug 2019 18:20
 Operator : HP/JU
 Sample : K3962-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP10

Manual Integrations
 APPROVED

Sohil
 8/13/2019 9:56:33 AM

Quant Time: Aug 13 08:49:49 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 : Tue Aug 13 08:25:01 2019
 Response via : Initial Calibration



TIC: BM022037.D

(14) Fluoranthene-d10 (SURR)

19.077min (-19.077) 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

Quantitation Report (Qedit)

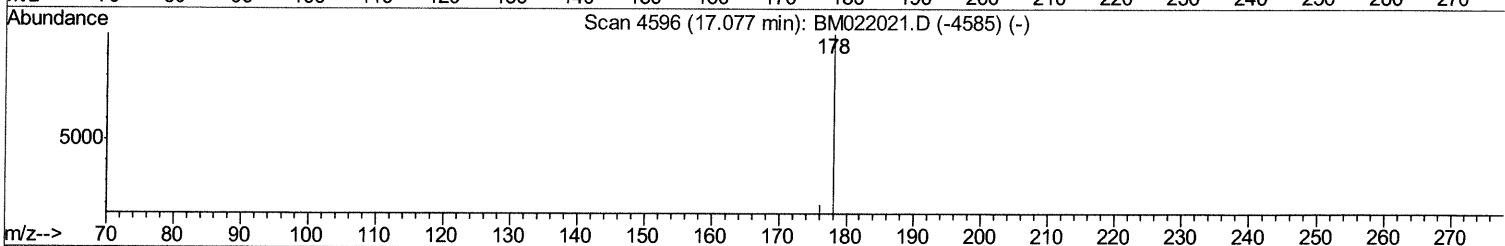
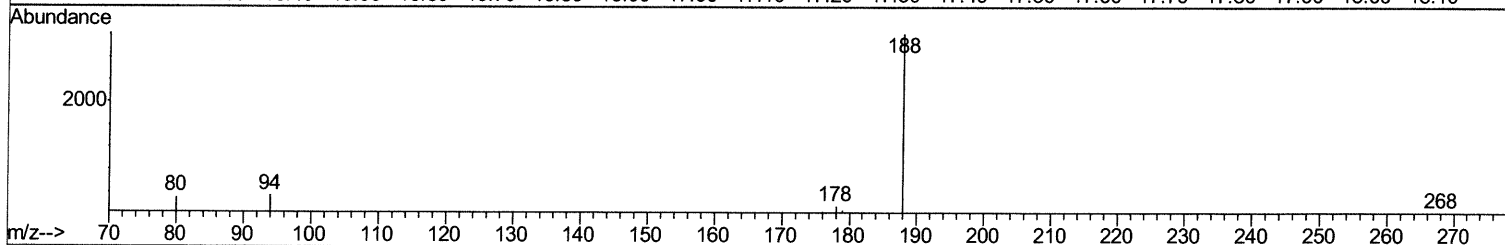
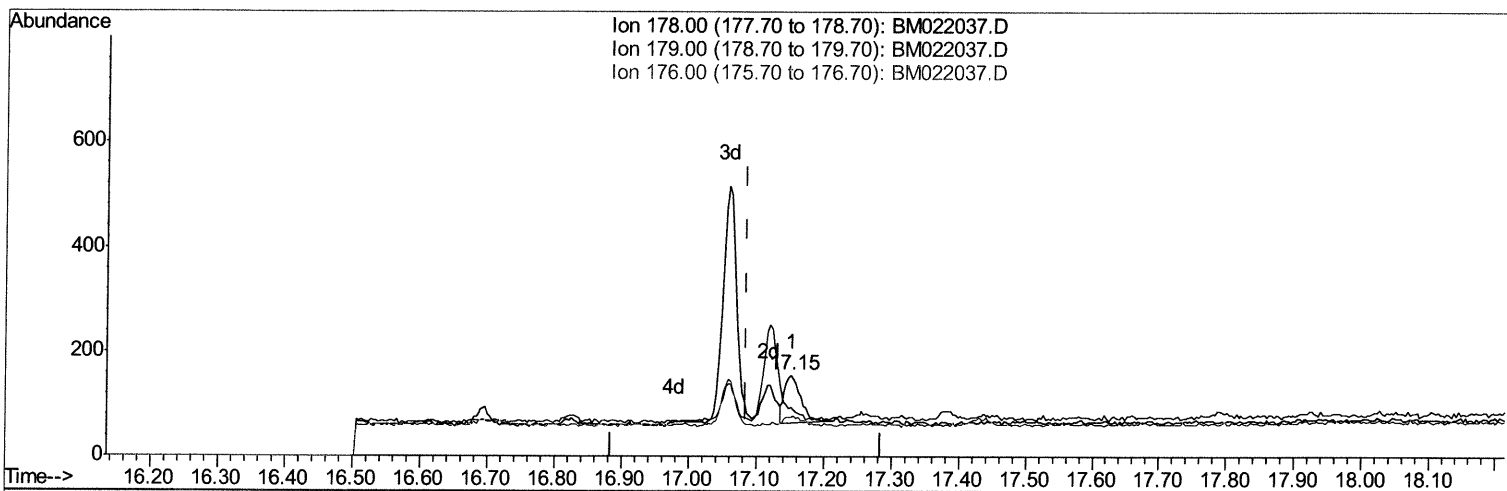
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022037.D
 Acq On : 12 Aug 2019 18:20
 Operator : HP/JU
 Sample : K3962-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BEP10

Manual Integrations
APPROVED

Sohil
 8/13/2019 9:56:33 AM

Quant Time: Aug 13 08:49:49 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 : Tue Aug 13 08:25:01 2019
 Response via : Initial Calibration



TIC: BM022037.D

(12) Phenanthrene

17.152min (+0.066) 0.00ng/ul

response 154

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	60.26#
176.00	21.00	48.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

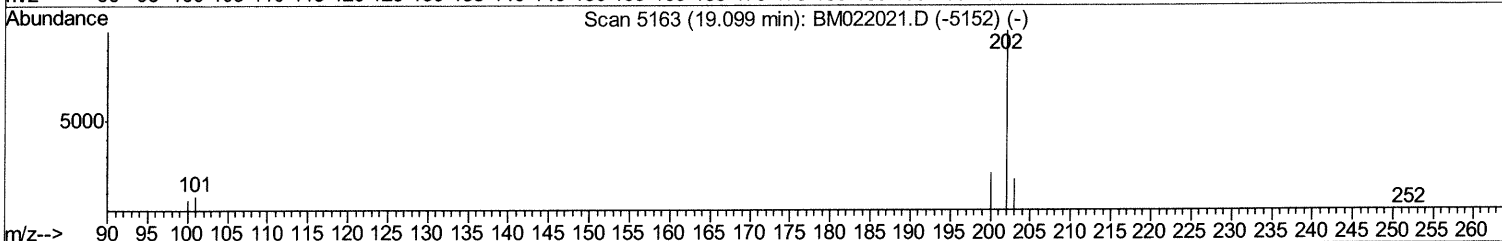
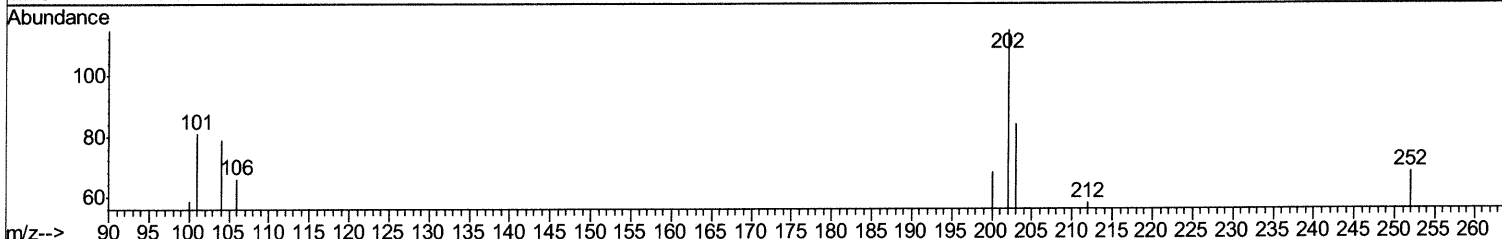
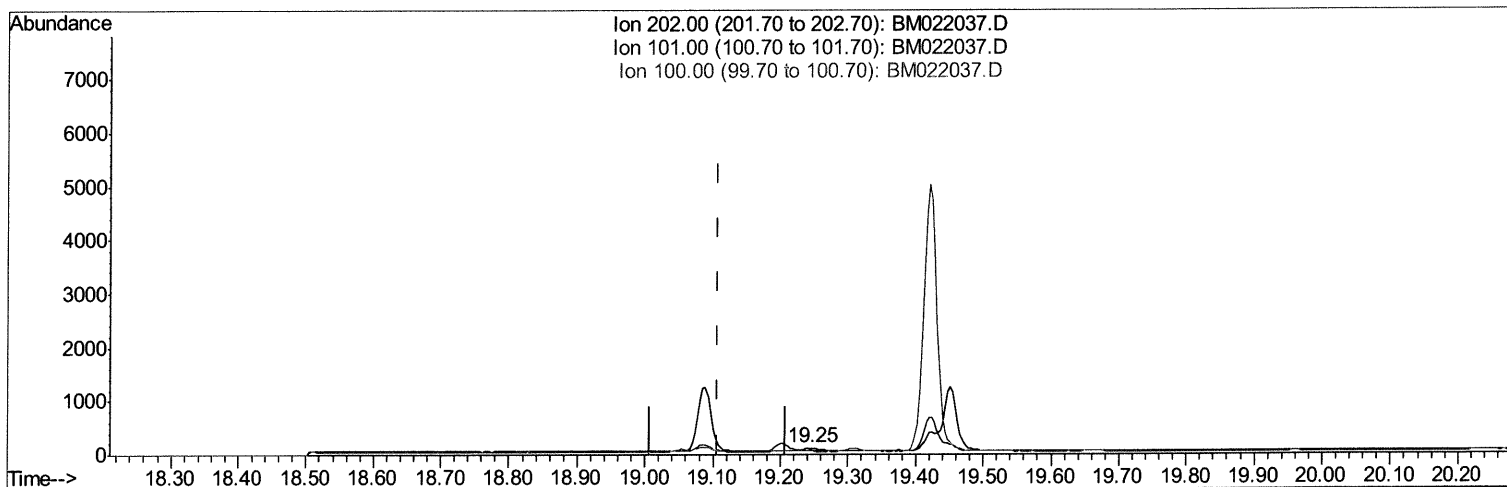
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022037.D
 Acq On : 12 Aug 2019 18:20
 Operator : HP/JU
 Sample : K3962-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP10

Manual Integrations
 APPROVED

Sohil
 8/13/2019 9:56:33 AM

Quant Time: Aug 13 08:49:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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 Response via : Initial Calibration



TIC: BM022037.D

(15) Fluoranthene (C)

19.245min (+0.137) 0.00ng/ul

response 86

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	70.43#
100.00	8.10	51.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

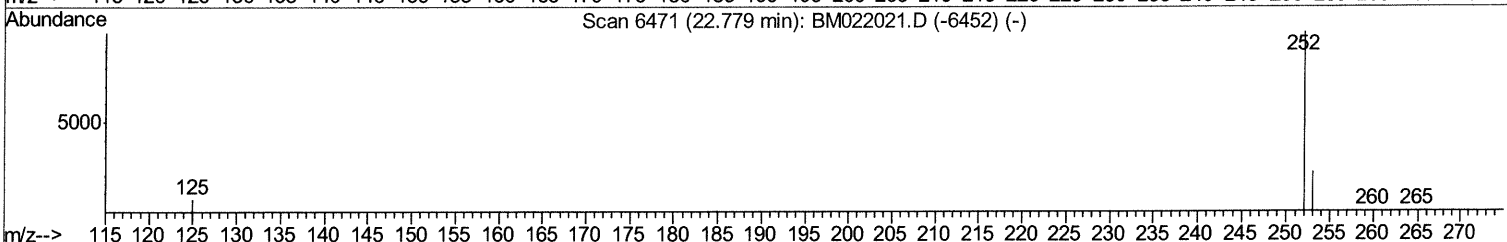
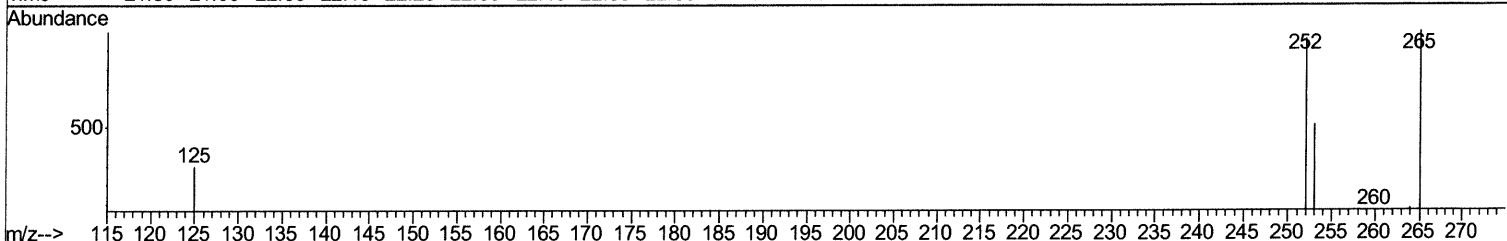
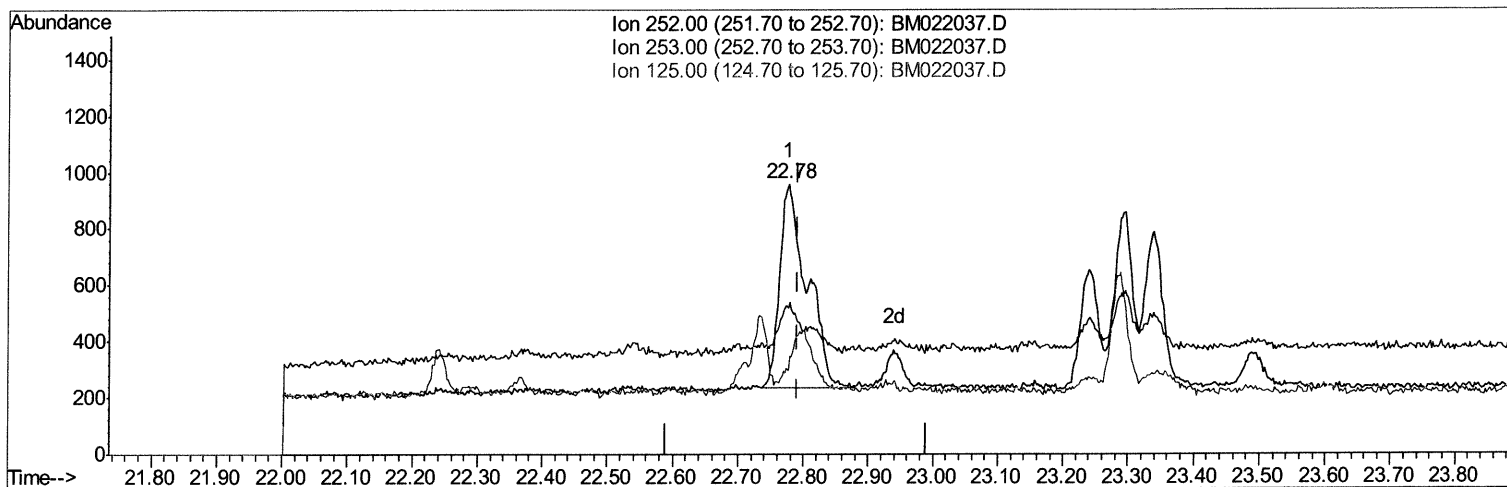
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022037.D
 Acq On : 12 Aug 2019 18:20
 Operator : HP/JU
 Sample : K3962-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 8/13/2019 9:56:33 AM

Quant Time: Aug 13 08:49:49 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



TIC: BM022037.D

(21) Benzo(b)fluoranthene

22.777min (-0.014) 0.12ng/ul

response 2105

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	53.91
125.00	15.50	31.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

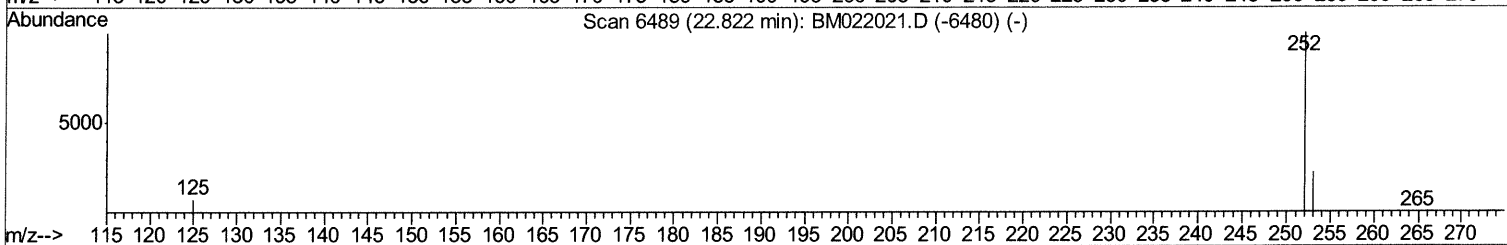
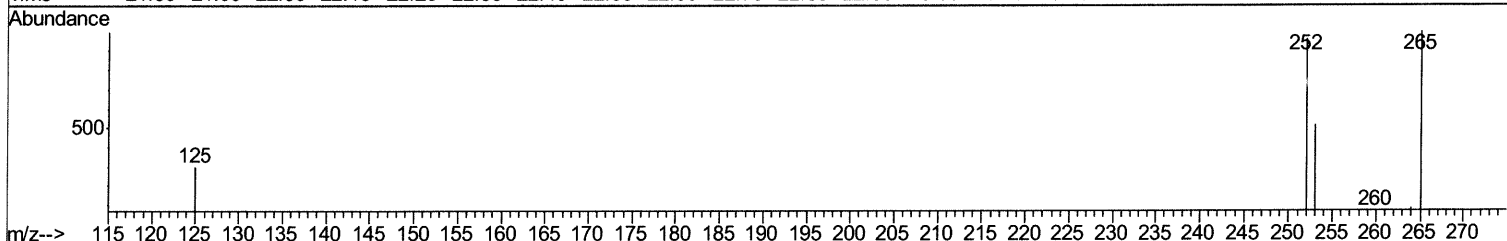
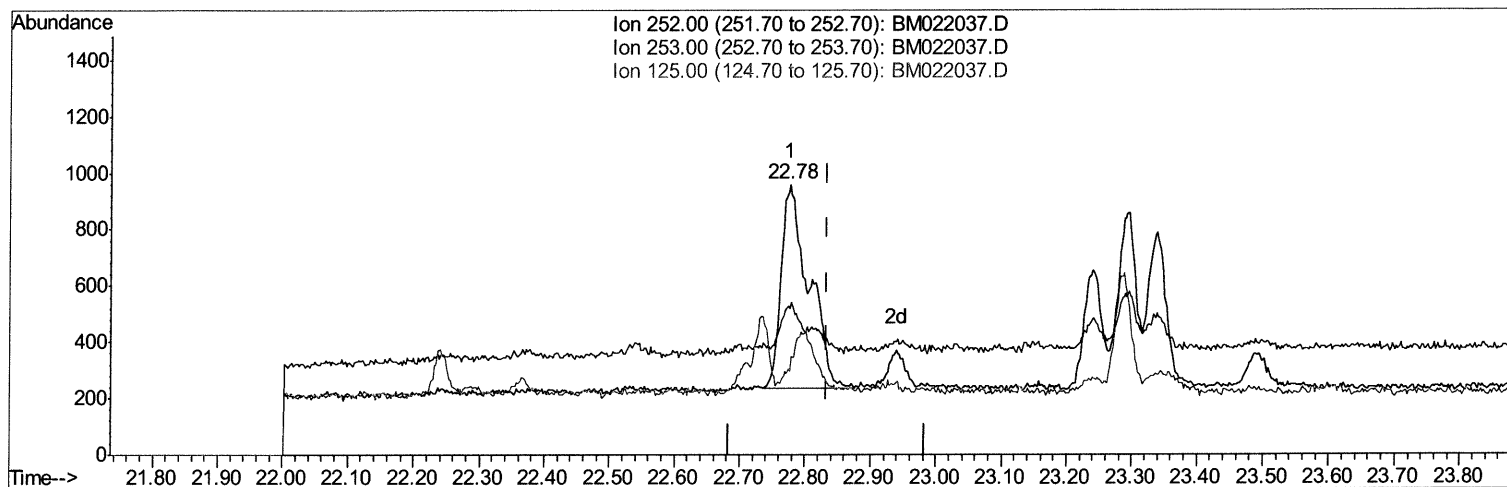
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022037.D
Acq On : 12 Aug 2019 18:20
Operator : HP/JU
Sample : K3962-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP10

Manual Integrations
APPROVED

Sohil
8/13/2019 9:56:33 AM

Quant Time: Aug 13 08:49:49 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 : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration



TIC: BM022037.D

(22) Benzo(k)fluoranthene

22.777min (-0.058) 0.11ng/ul

response 2104

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	53.91#
125.00	15.20	31.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

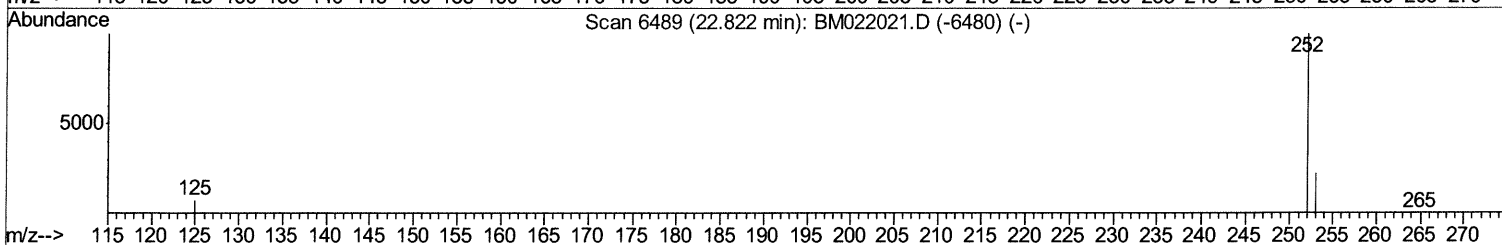
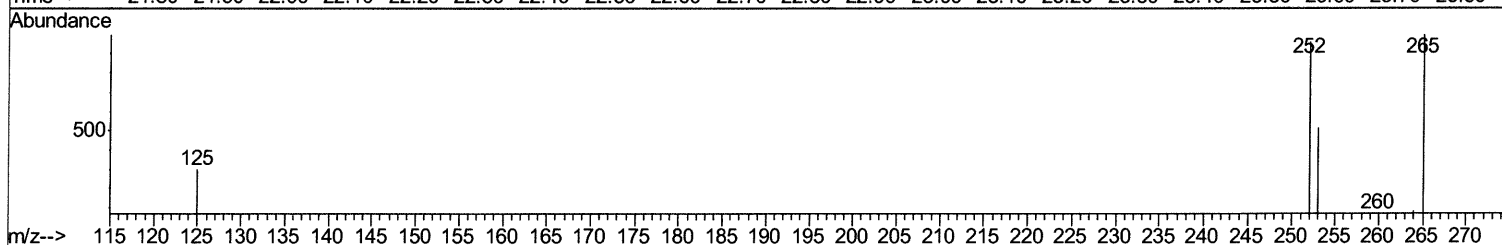
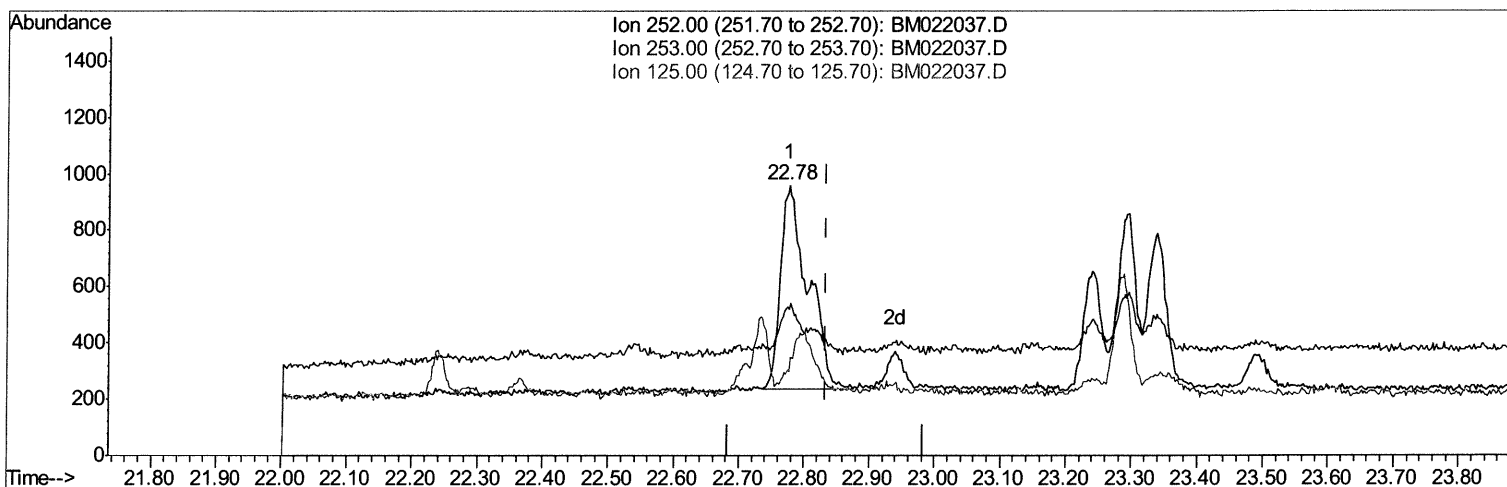
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022037.D
Acq On : 12 Aug 2019 18:20
Operator : HP/JU
Sample : K3962-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP10

Manual Integrations
APPROVED

Sohil
8/13/2019 9:56:33 AM

Quant Time: Aug 13 08:49:49 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 : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration



TIC: BM022037.D

(22) Benzo(k)fluoranthene

22.777min (-0.058) 0.11ng/ul

response 2104

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	53.91#
125.00	15.20	31.07#
0.00	0.00	0.00