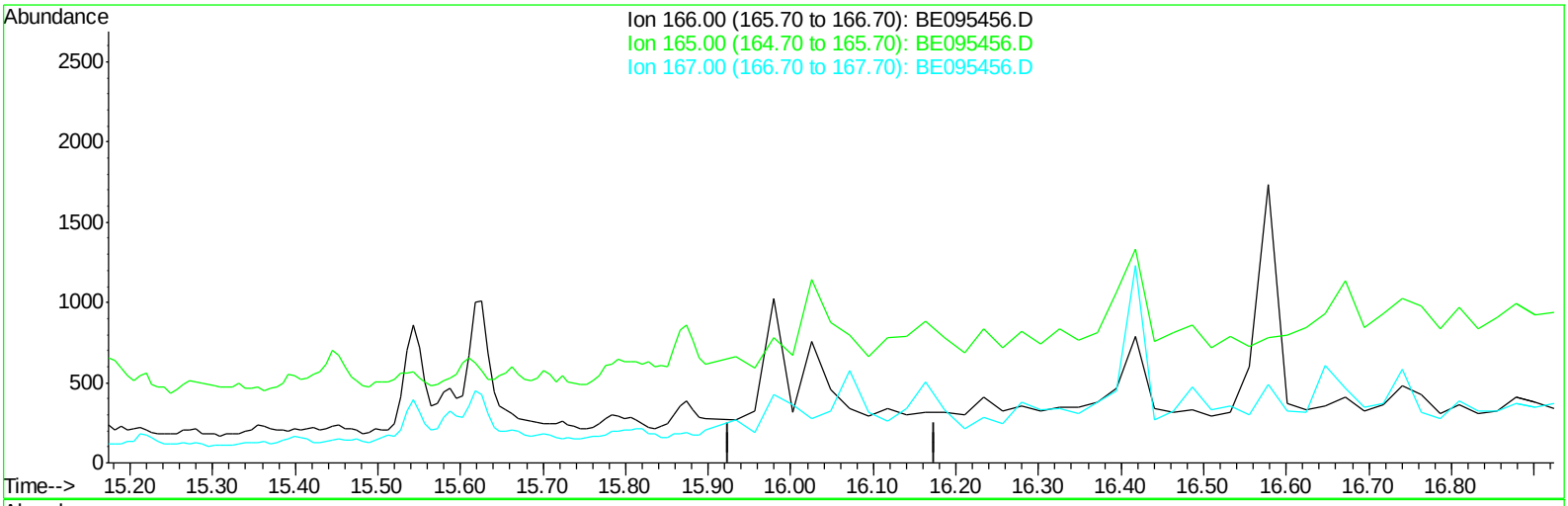
Quantitation Report (Qedit)

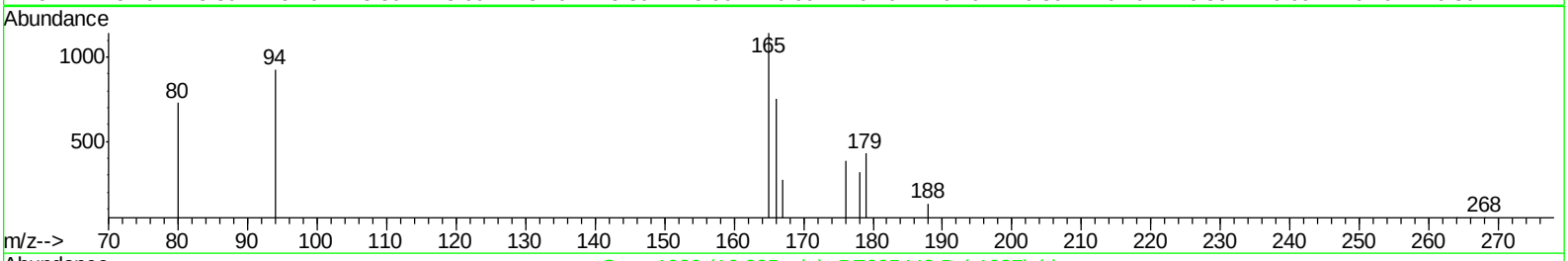
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

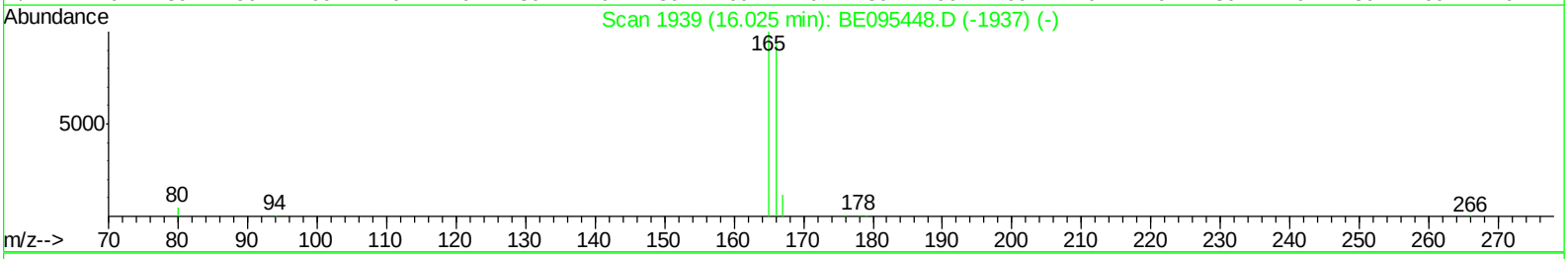
Quant Time: Feb 05 04:53:33 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(9) Fluorene

16.025min (-16.025) 0.00ng/ul

response 0

Ion	Exp%	Act%
166.00	100	0.00
165.00	91.80	0.00#
167.00	18.30	0.00#
0.00	0.00	0.00

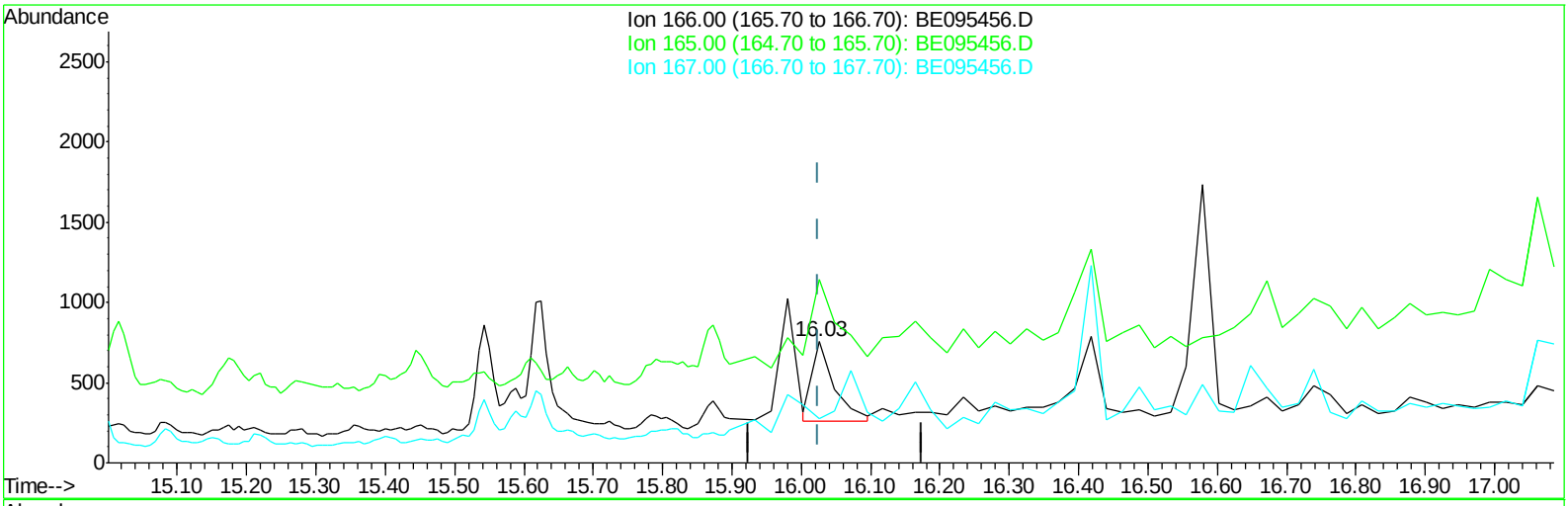
Quantitation Report (Qedit)

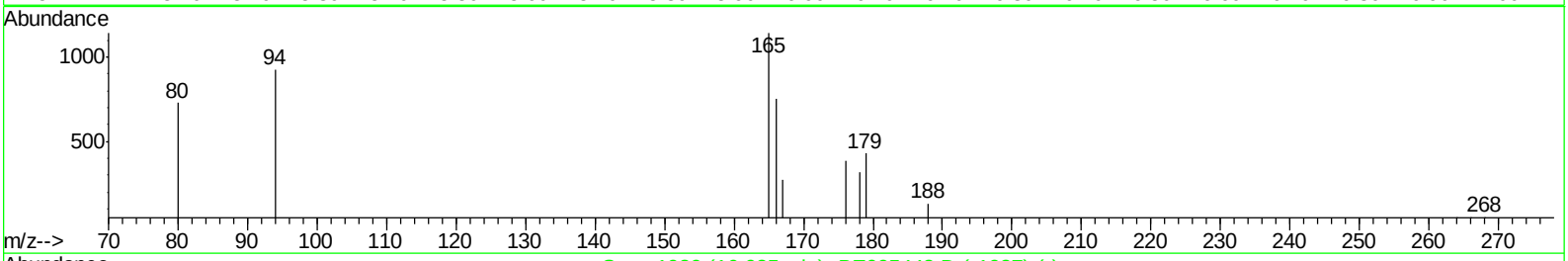
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

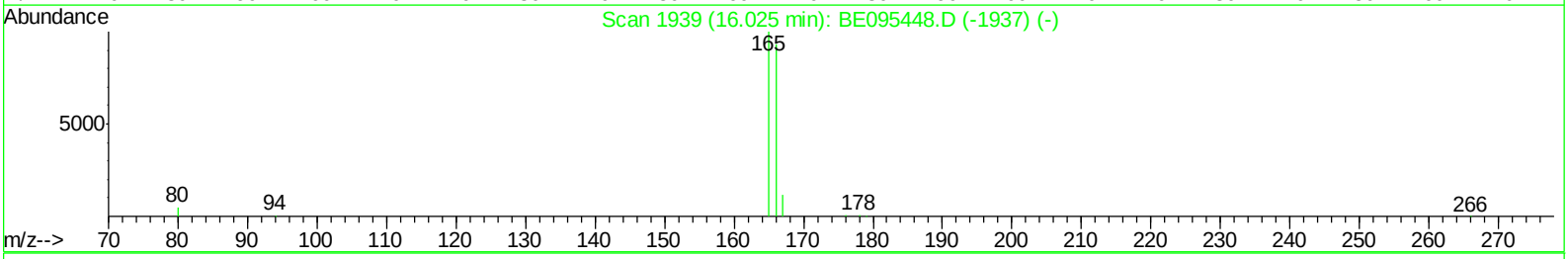
Quant Time: Feb 05 04:53:33 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(9) Fluorene

16.026min (+0.000) 0.07ng/ul m

response 1091

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	151.33#
167.00	18.30	36.34#
0.00	0.00	0.00

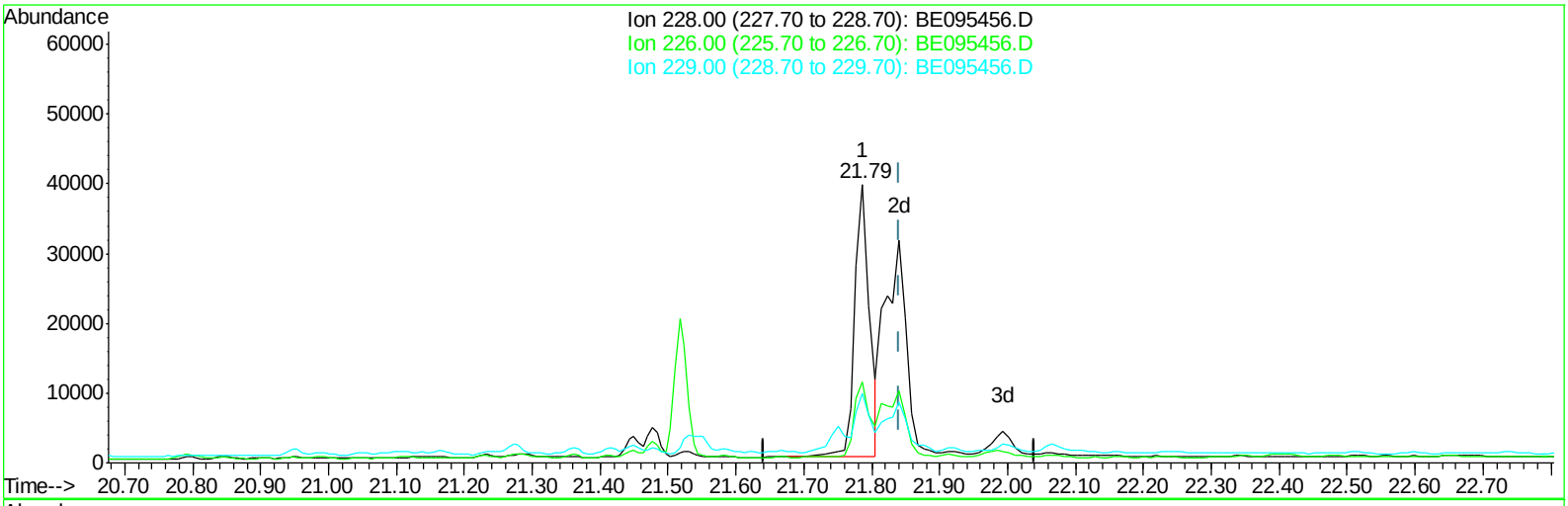
Quantitation Report (Qedit)

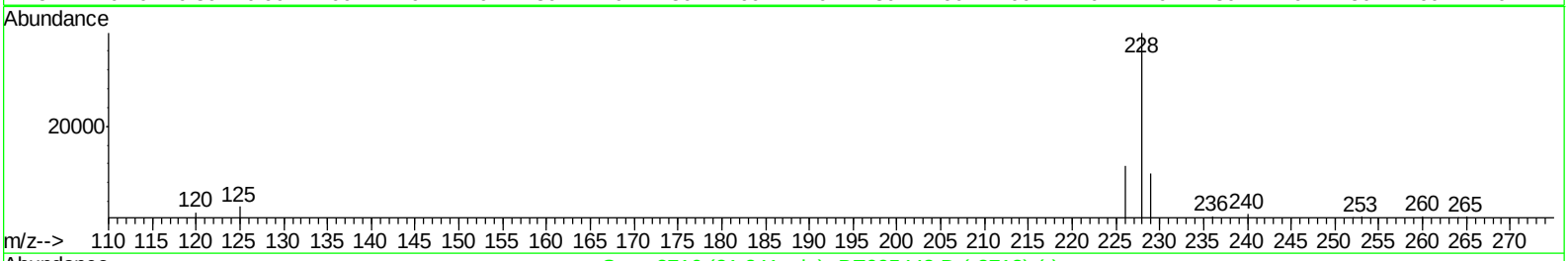
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

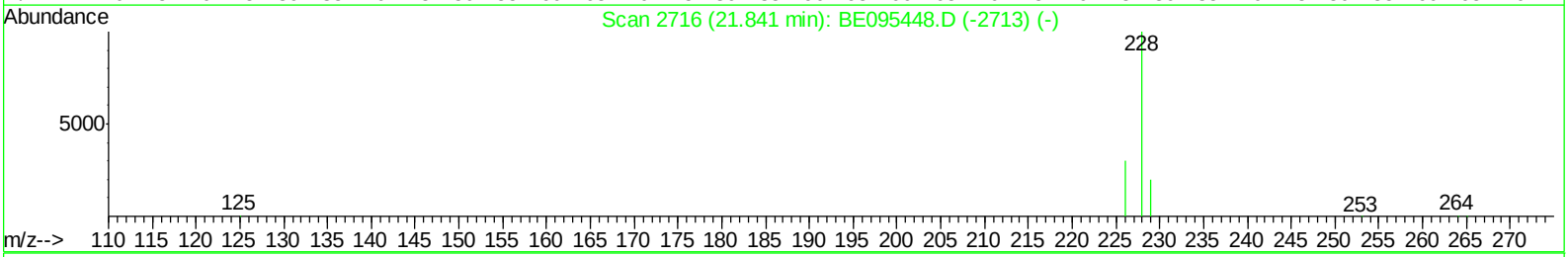
Quant Time: Feb 05 04:53:33 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(19) Chrysene

21.786min (-0.054) 2.68ng/ul

response 65528

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	29.19
229.00	22.10	25.01
0.00	0.00	0.00

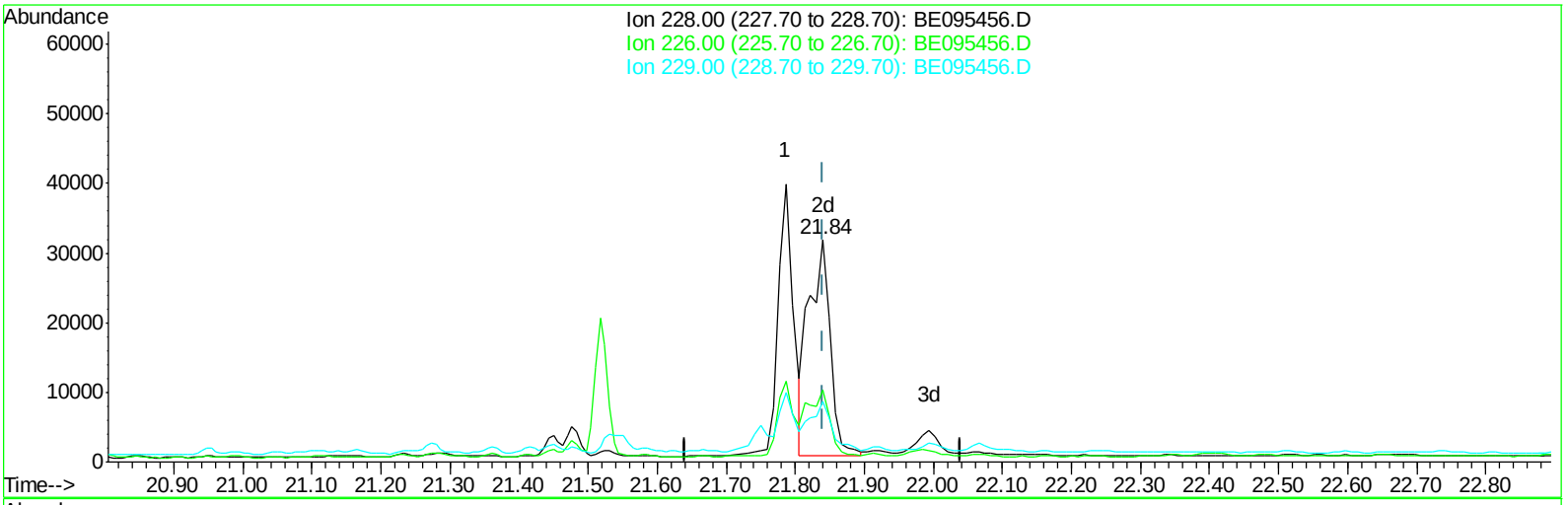
Quantitation Report (Qedit)

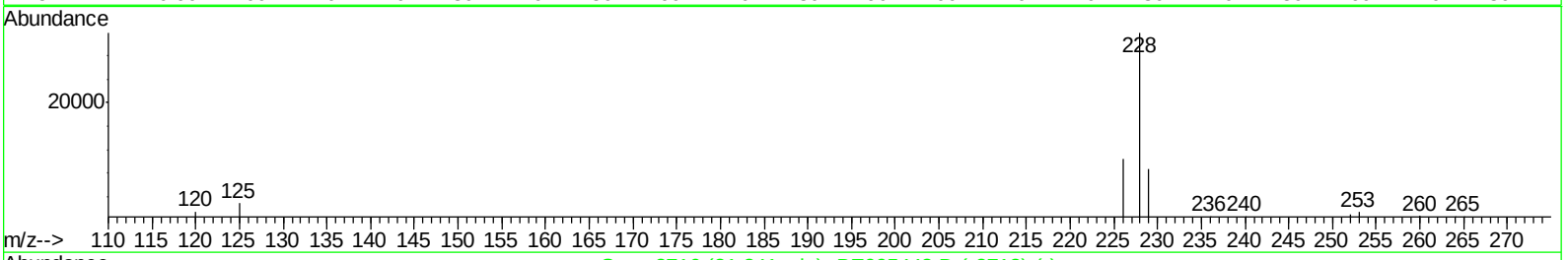
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

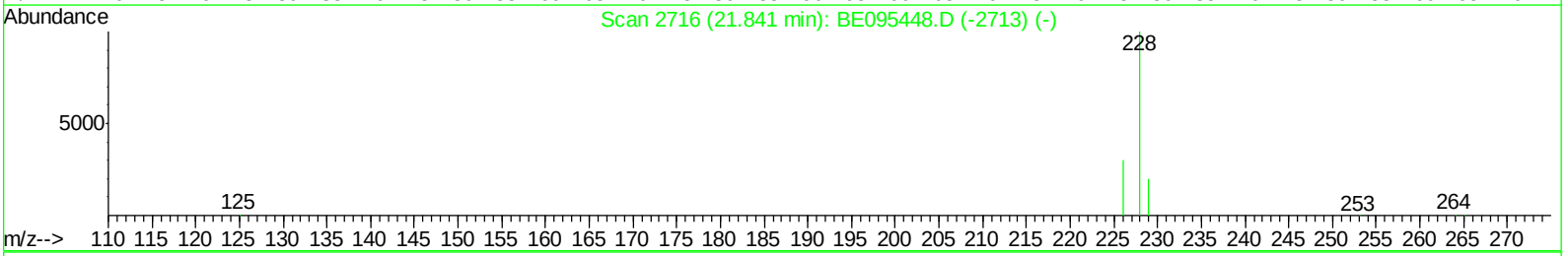
Quant Time: Feb 05 04:53:33 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(19) Chrysene

21.840min (-0.000) 2.83ng/ul m

response 69048

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.38
229.00	22.10	27.08#
0.00	0.00	0.00

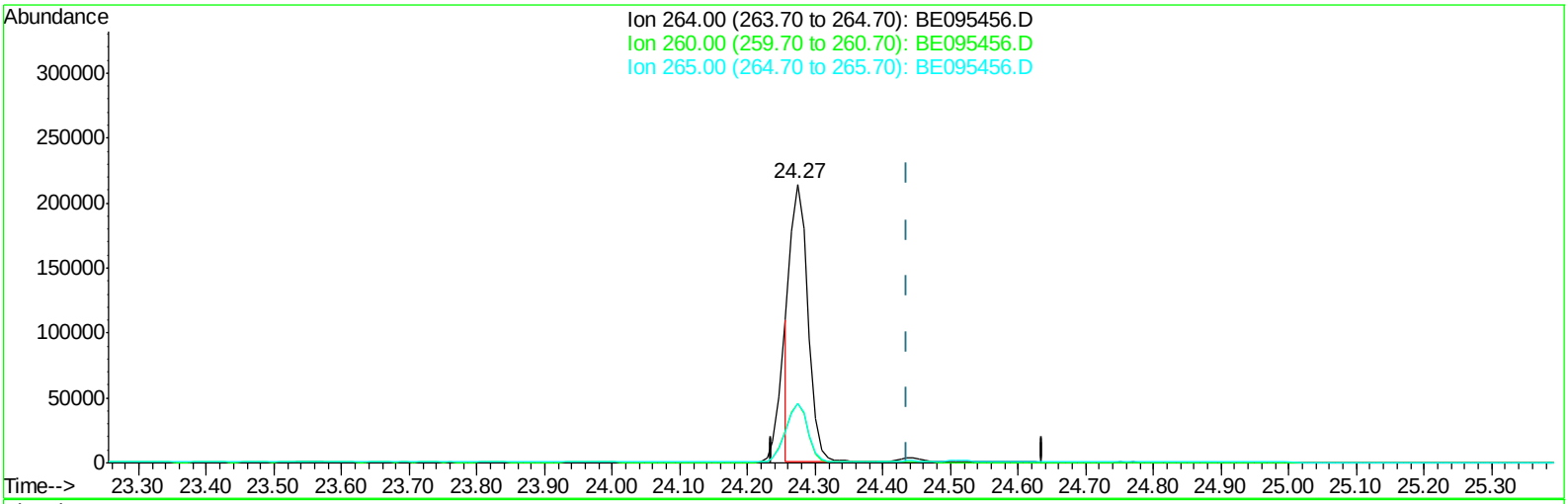
Quantitation Report (Qedit)

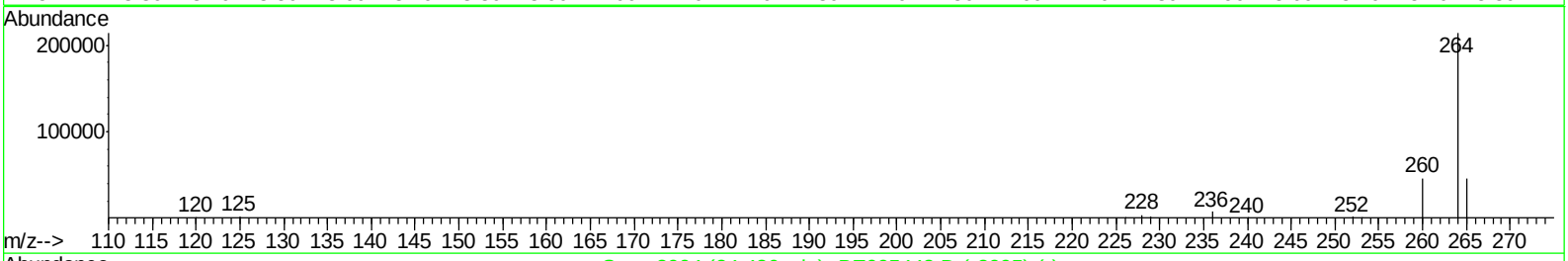
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

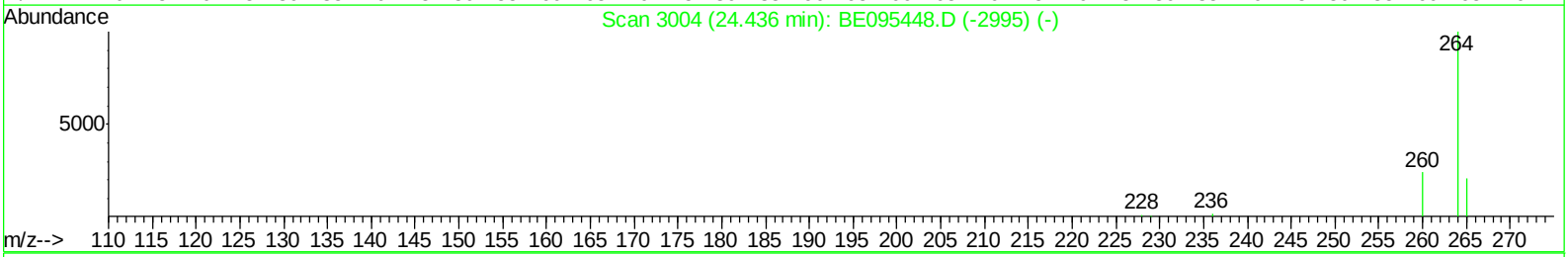
Quant Time: Feb 05 04:53:33 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(20) Perylene-d12 (I)

24.274min (-0.163) 0.40ng/ul

response 385109

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.51#
265.00	103.50	21.35#
0.00	0.00	0.00

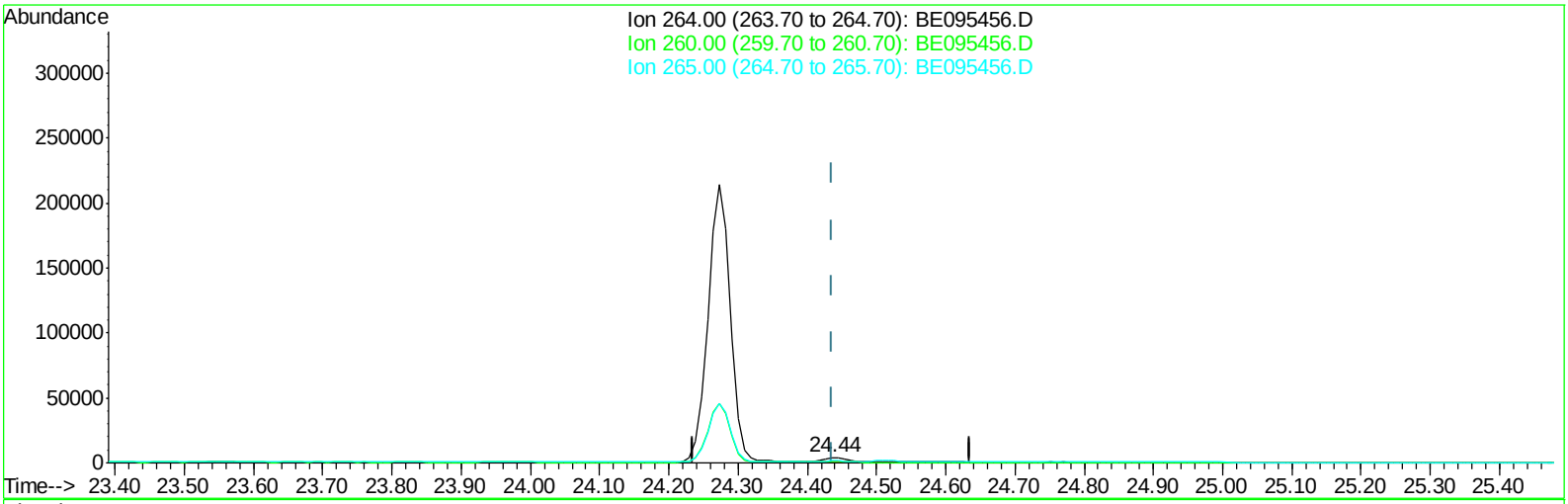
Quantitation Report (Qedit)

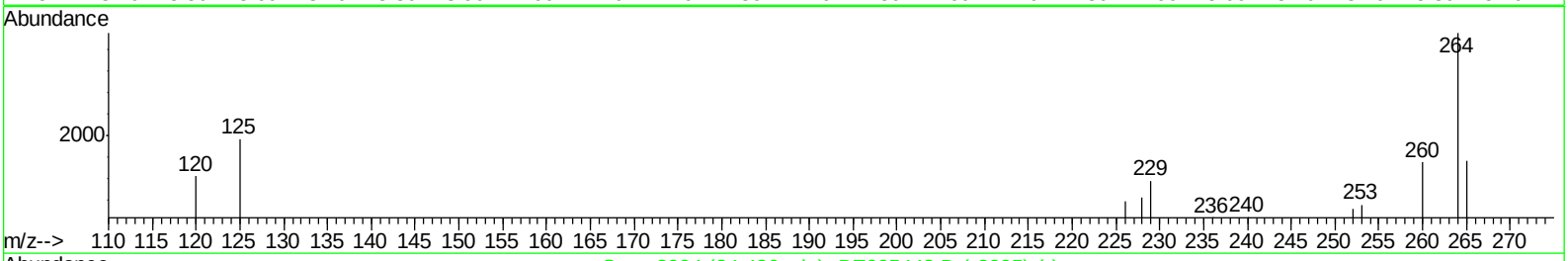
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

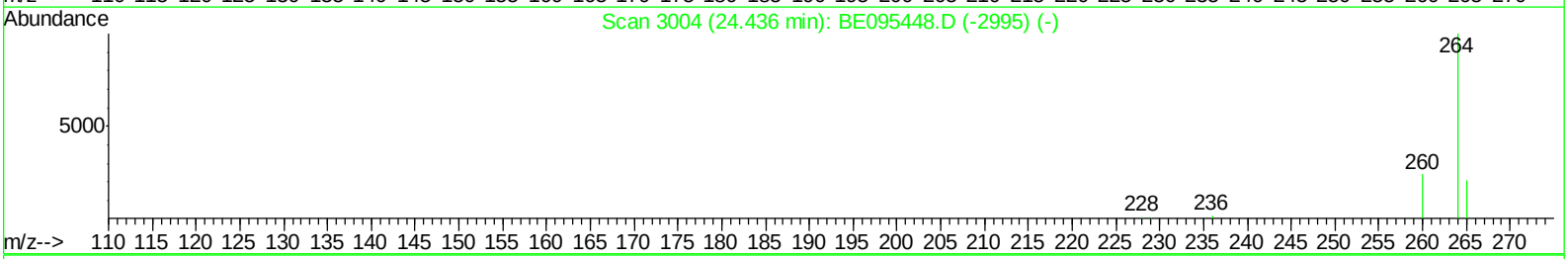
Quant Time: Feb 05 04:53:33 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(20) Perylene-d12 (I)

24.436min (-0.000) 0.40ng/ul m

response 6604

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	38.39#
265.00	103.50	39.26#
0.00	0.00	0.00

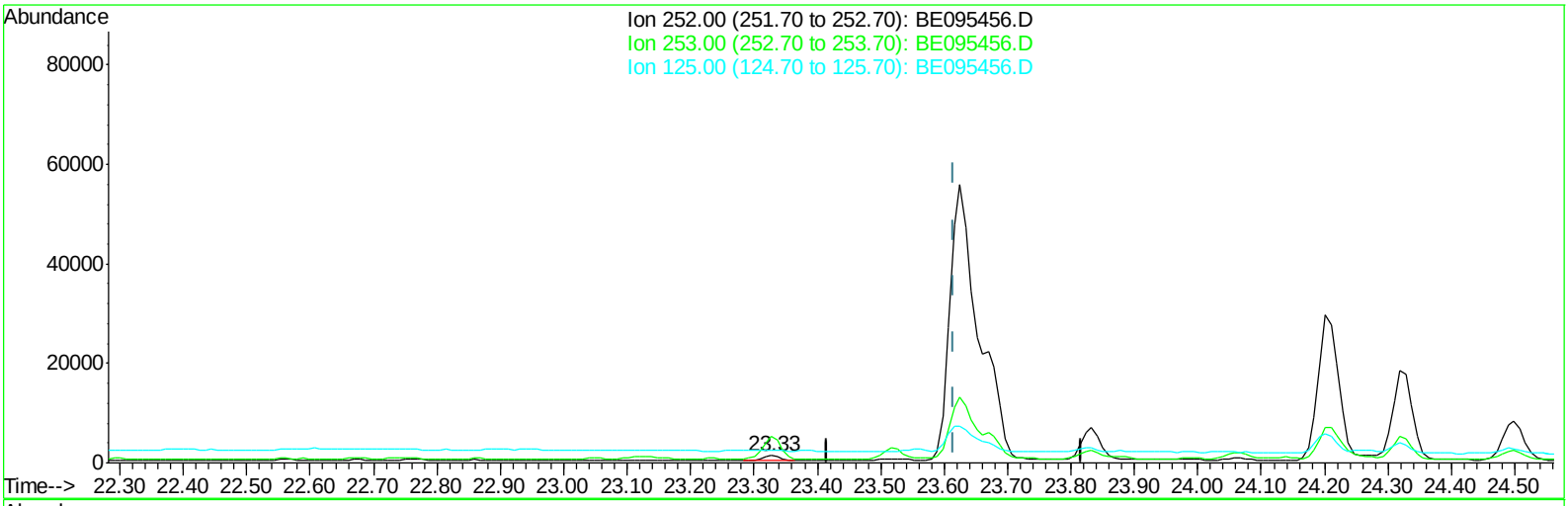
Quantitation Report (Qedit)

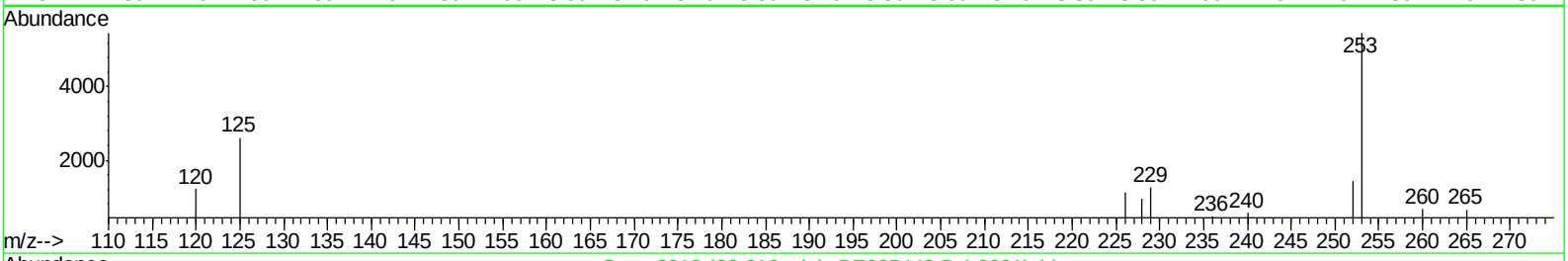
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

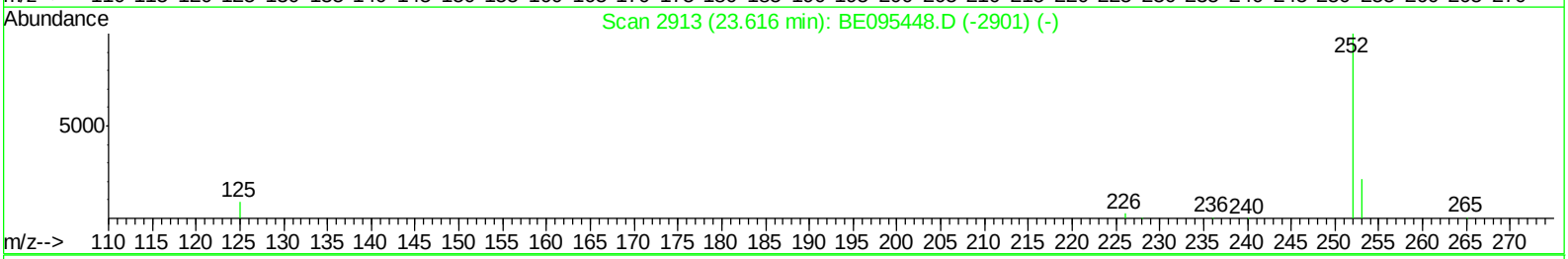
Quant Time: Feb 05 06:14:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(21) Benzo(b)fluoranthene

23.327min (-0.289) 0.08ng/ul

response 1777

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	376.74#
125.00	17.50	180.75#
0.00	0.00	0.00

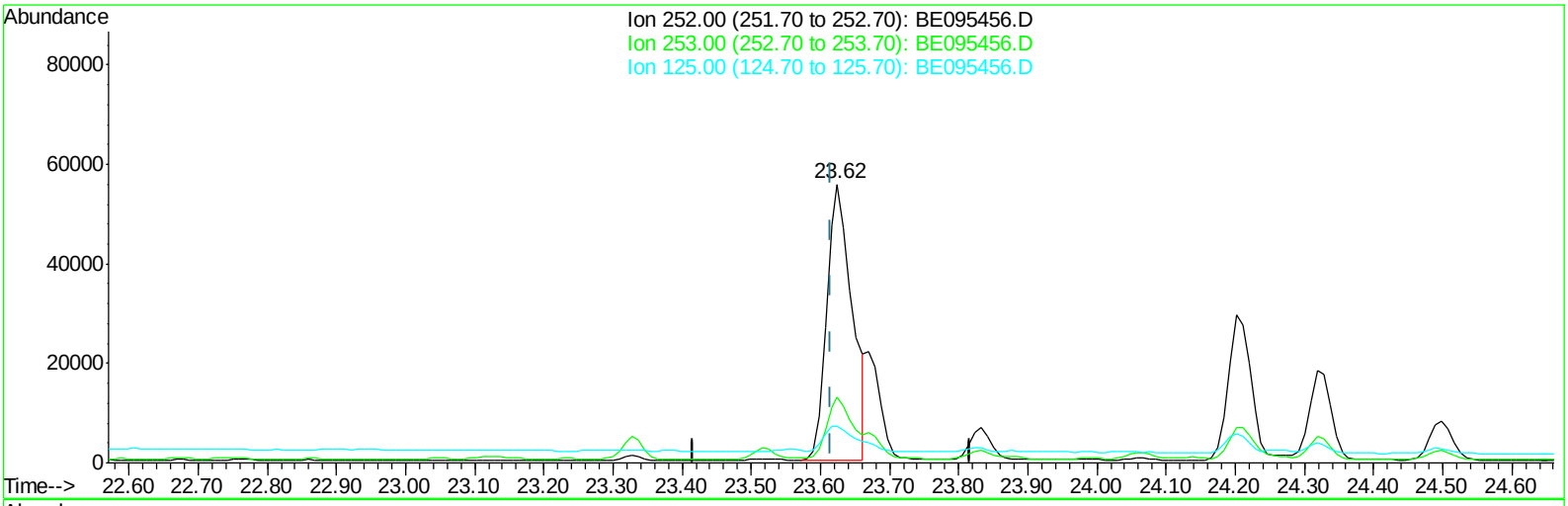
Quantitation Report (Qedit)

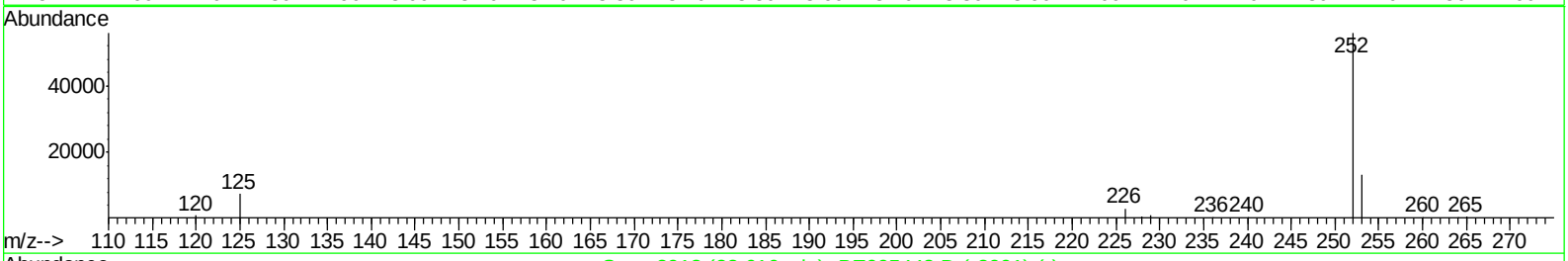
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

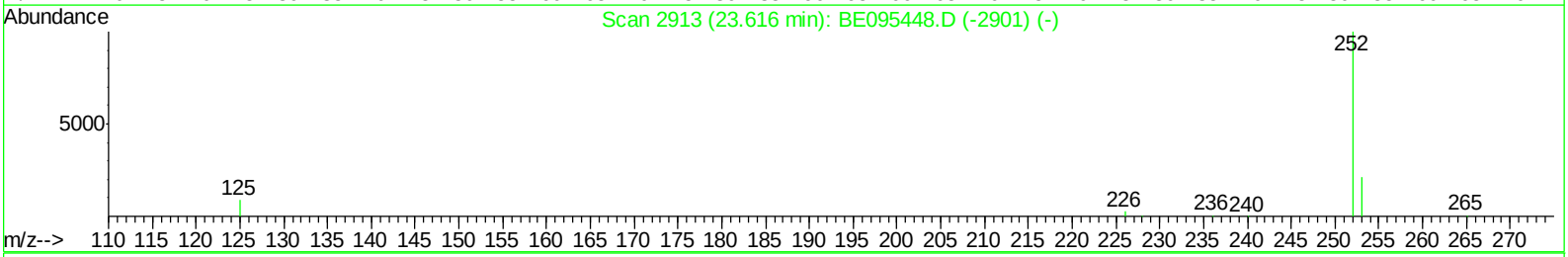
Quant Time: Feb 05 06:14:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(21) Benzo(b)fluoranthene

23.625min (+0.009) 6.23ng/ul m

response 145104

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.52
125.00	17.50	13.34
0.00	0.00	0.00

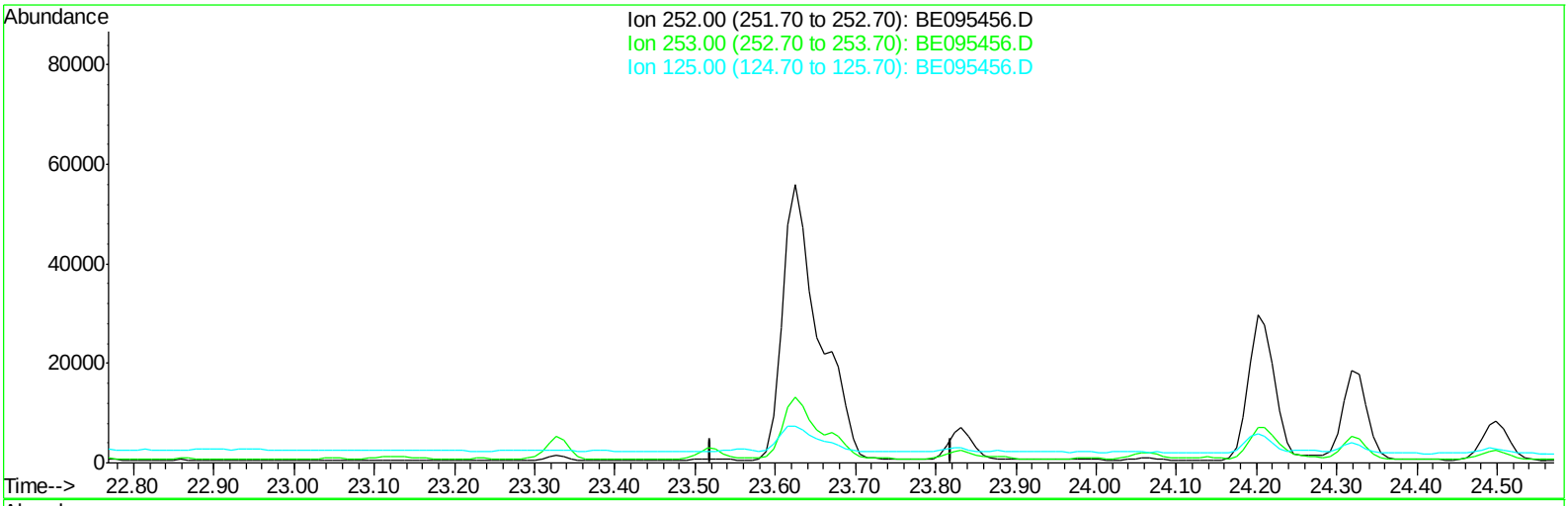
Quantitation Report (Qedit)

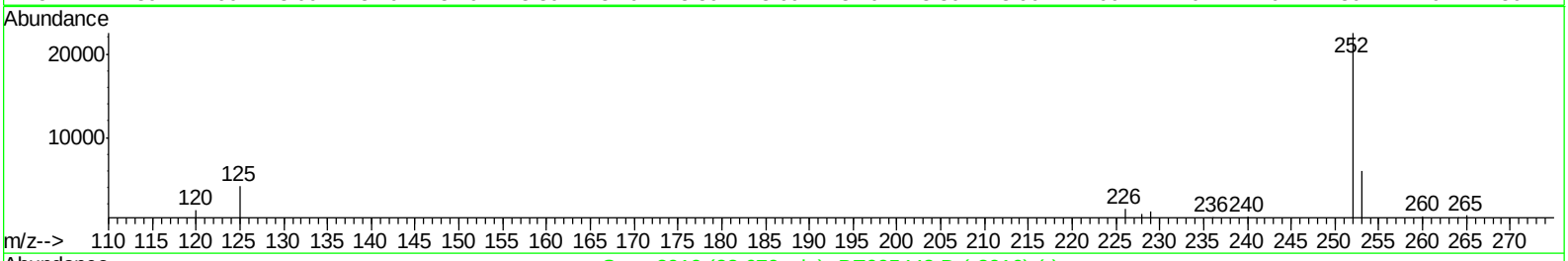
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

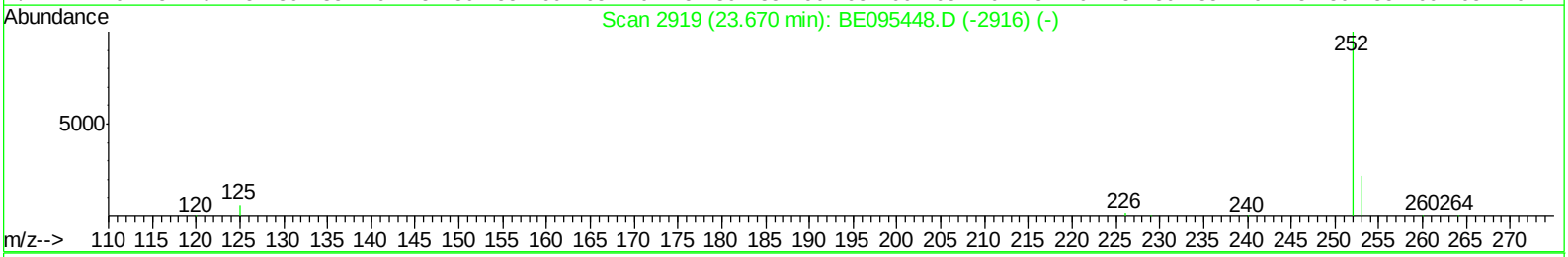
Quant Time: Feb 05 06:14:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(22) Benzo(k)fluoranthene

23.670min (-23.670) 0.00ng/ul

response 0

Ion	Exp%	Act%
252.00	100	0.00
253.00	30.60	0.00#
125.00	17.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 05 06:14:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
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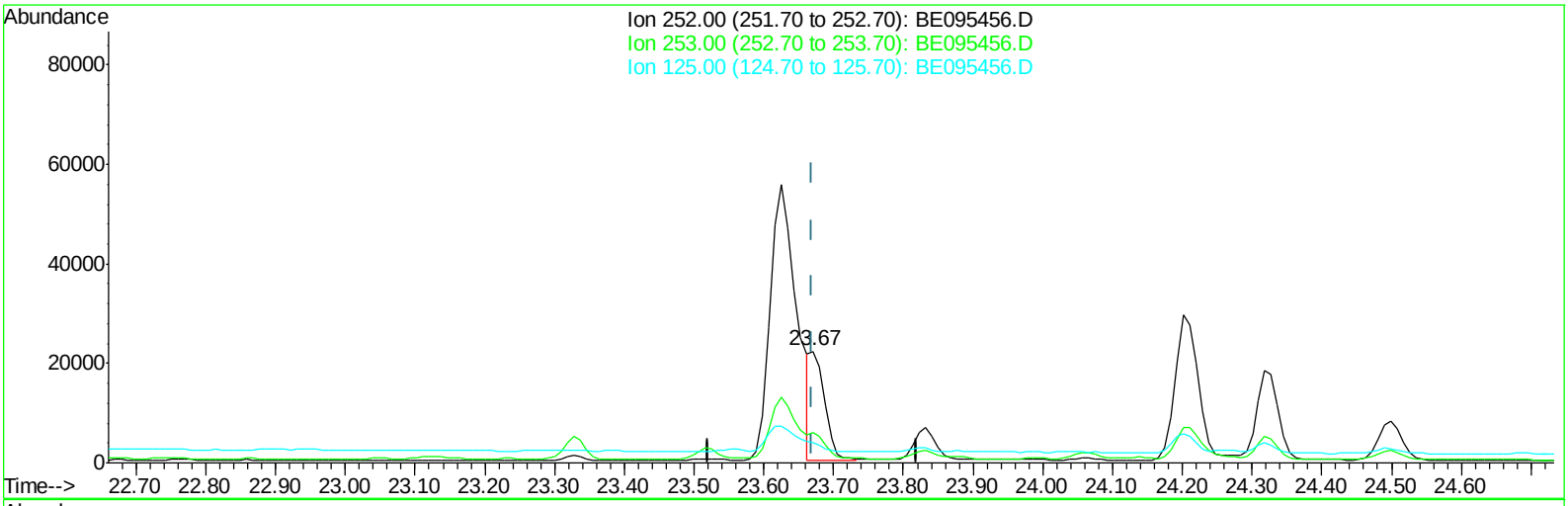
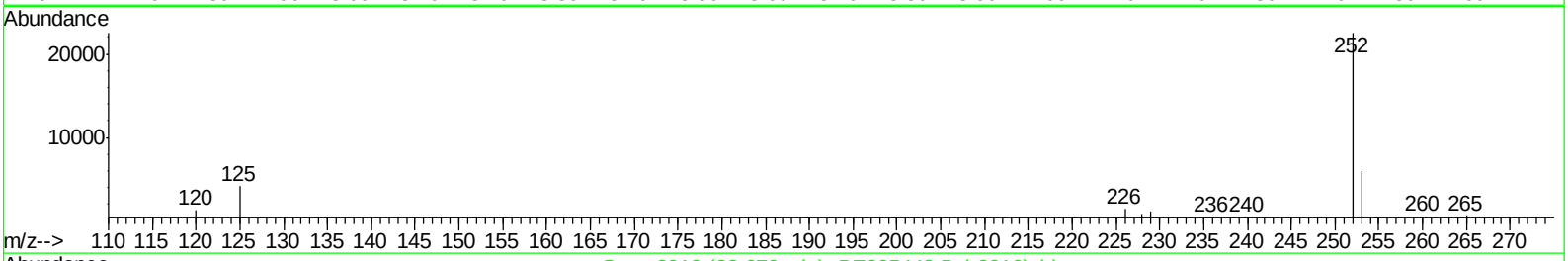
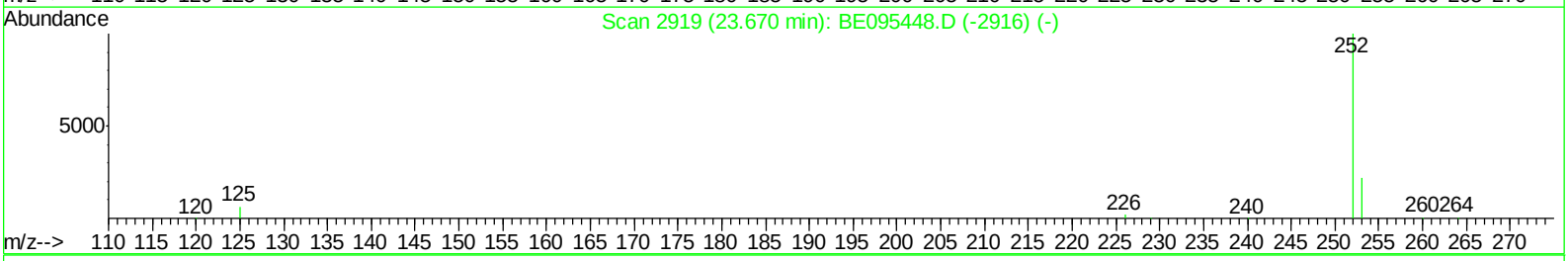
Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(22) Benzo(k)fluoranthene

23.670min (-0.000) 1.48ng/ul m

response 31578

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.66
125.00	17.10	18.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
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Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
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ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 05 06:14:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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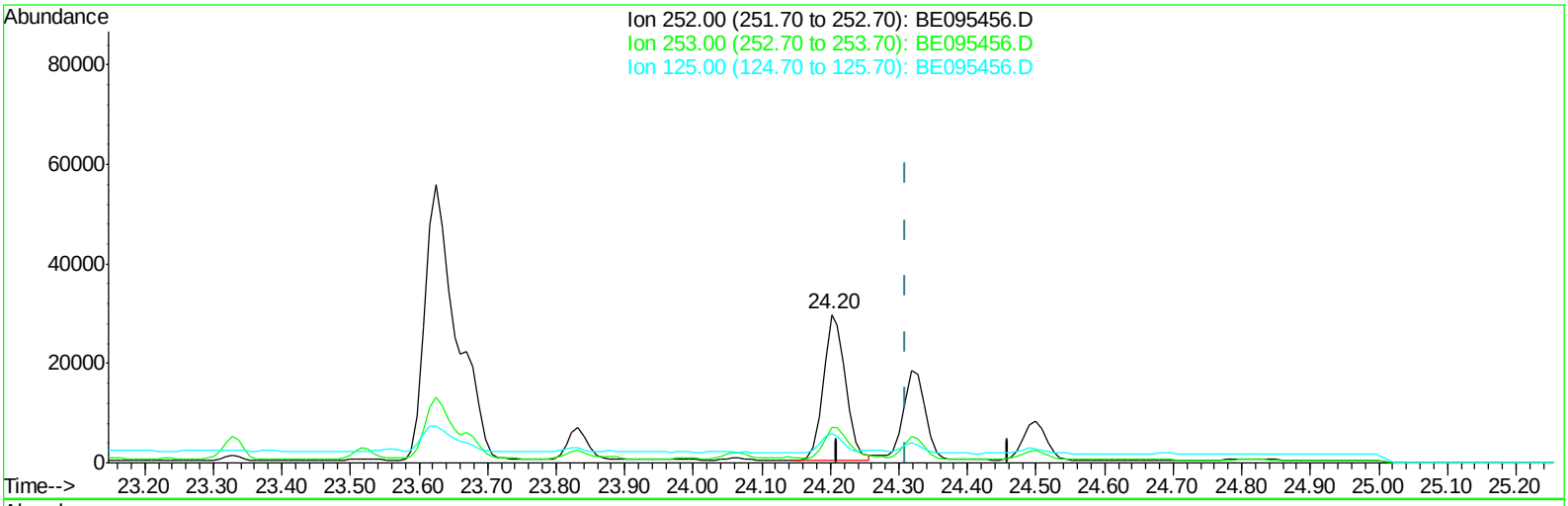
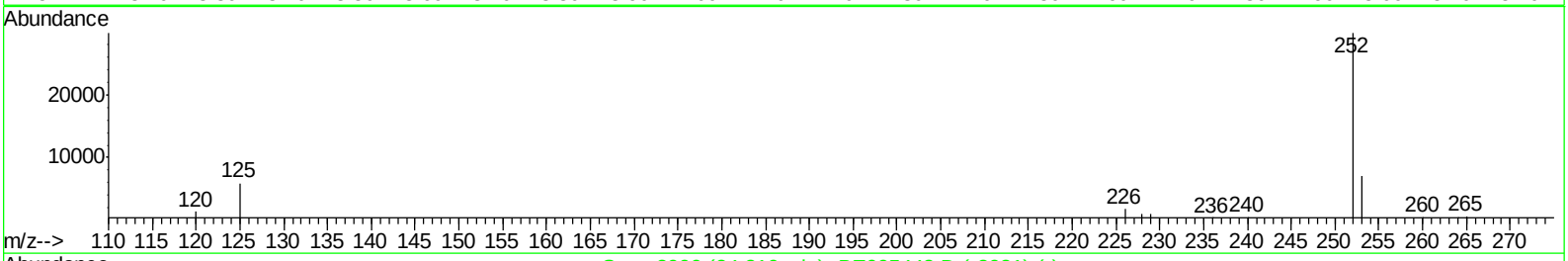
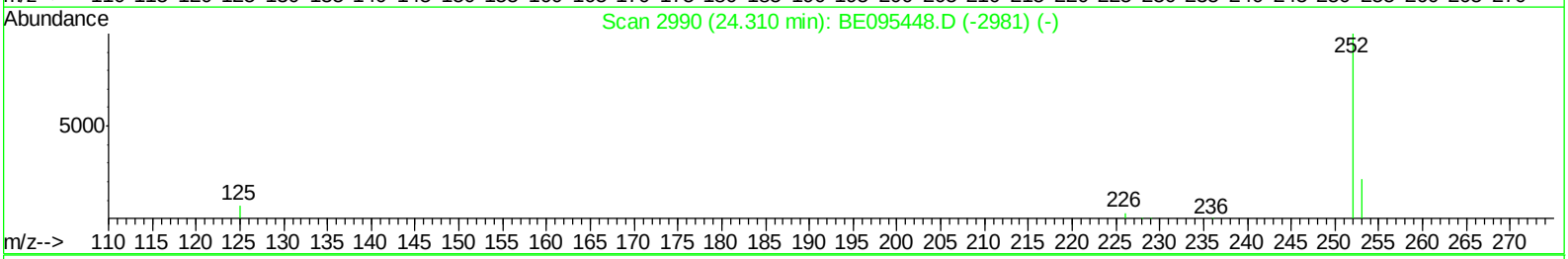
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(23) Benzo(a)pyrene (C)

24.201min (-0.109) 3.21ng/ul

response 66685

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.62#
125.00	22.60	19.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 05 06:14:09 2018
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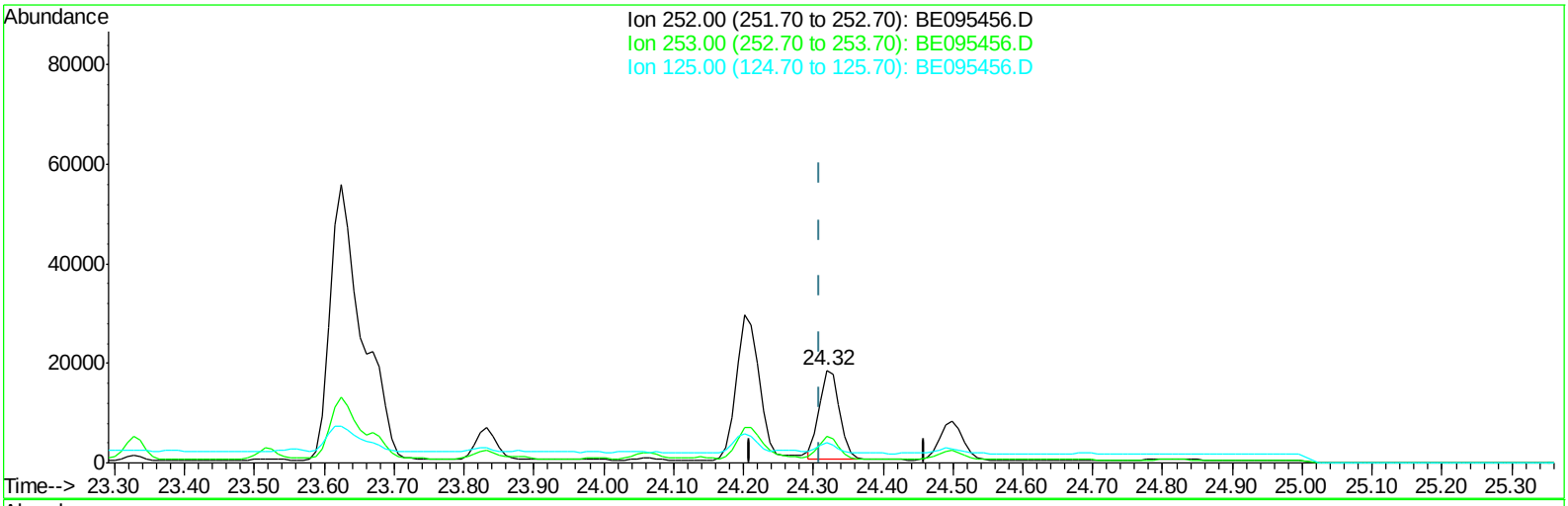
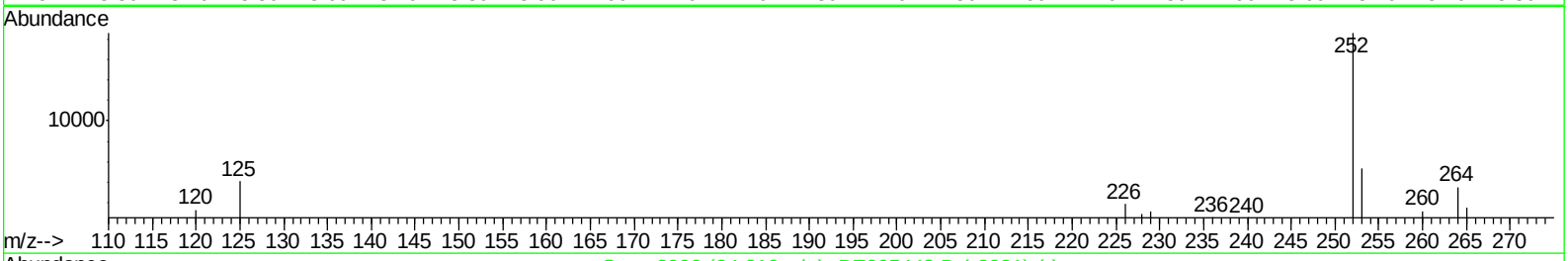
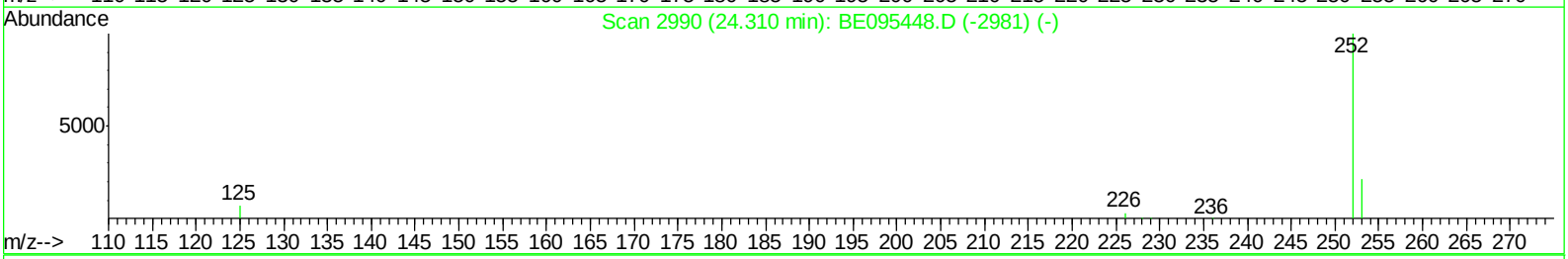
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(23) Benzo(a)pyrene (C)

24.319min (+0.009) 1.78ng/ul m

response 37044

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.33#
125.00	22.60	21.66
0.00	0.00	0.00

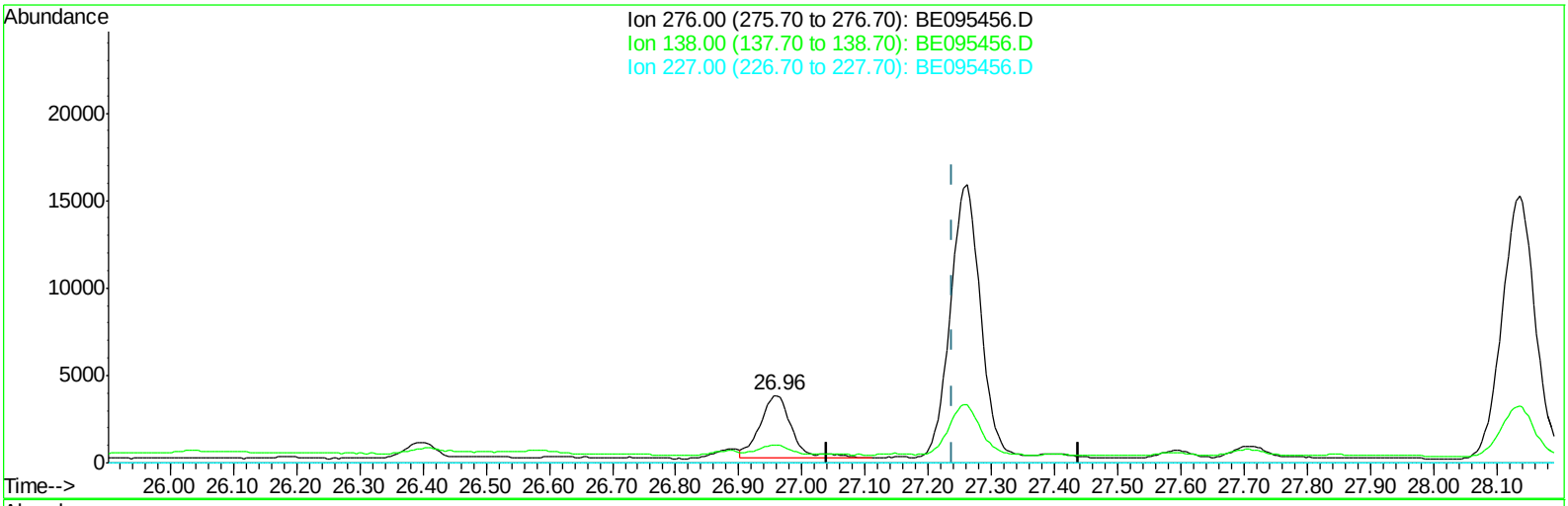
Quantitation Report (Qedit)

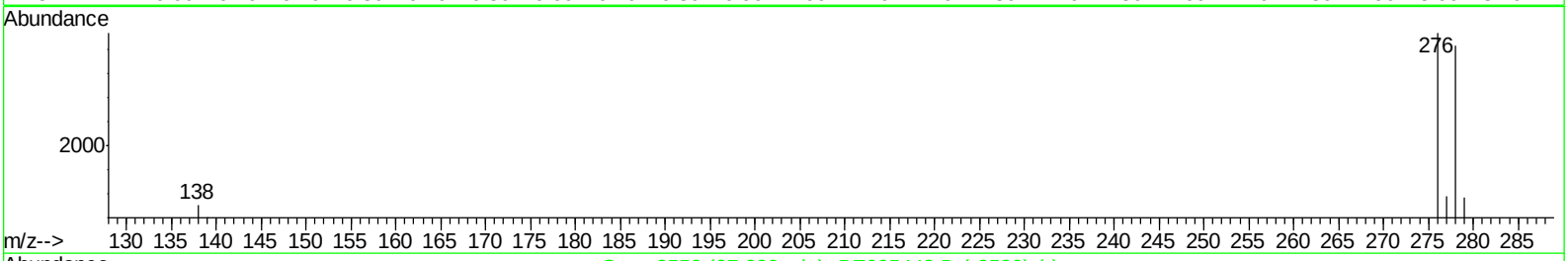
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

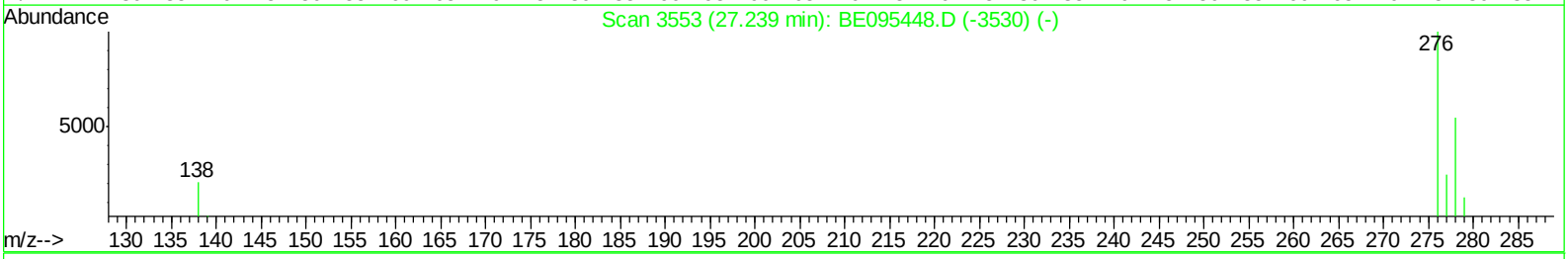
Quant Time: Feb 05 06:14:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

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

26.960min (-0.280) 0.55ng/ul

response 12577

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	13.79#
227.00	10.00	0.00#
0.00	0.00	0.00

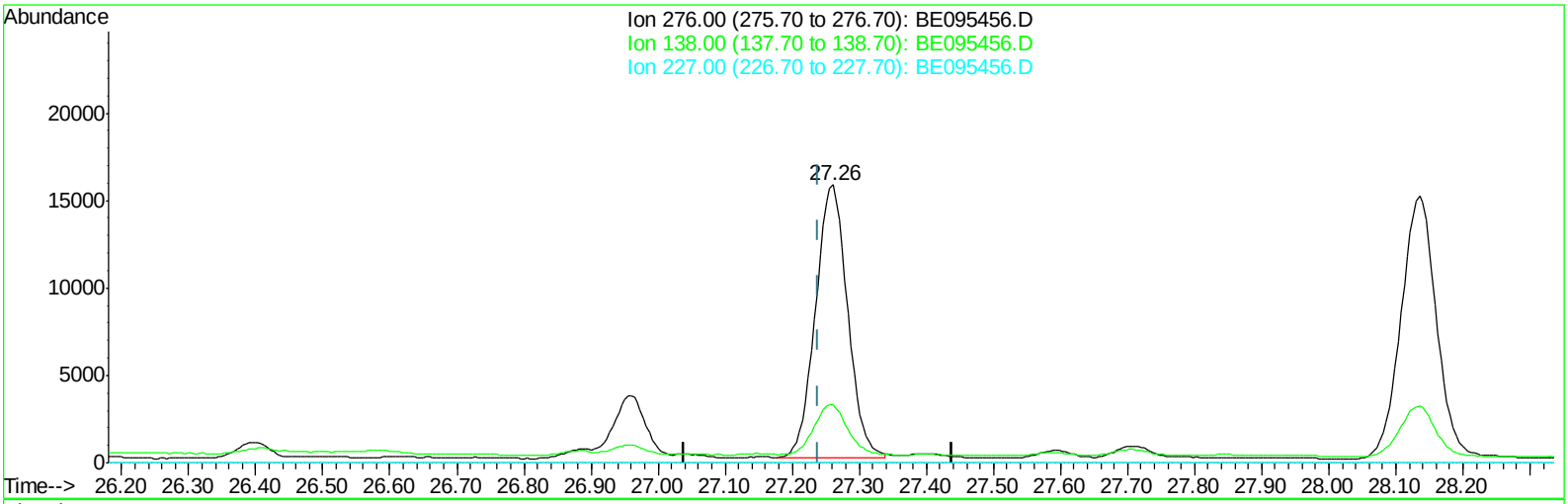
Quantitation Report (Qedit)

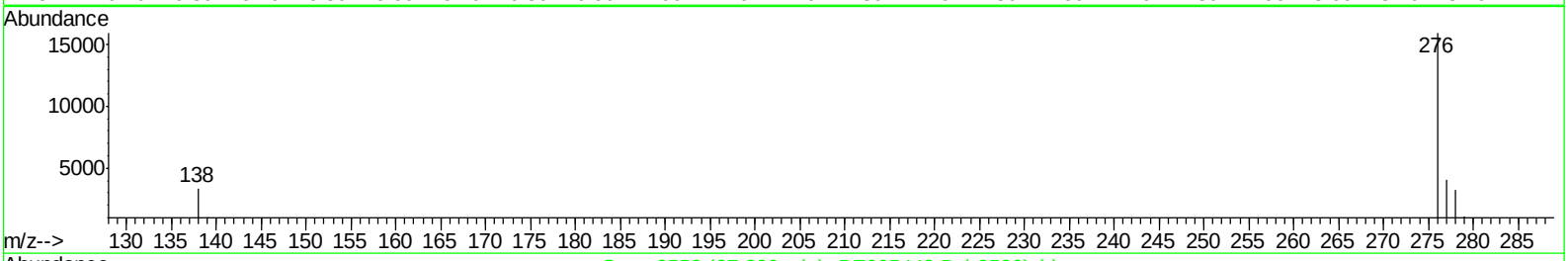
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

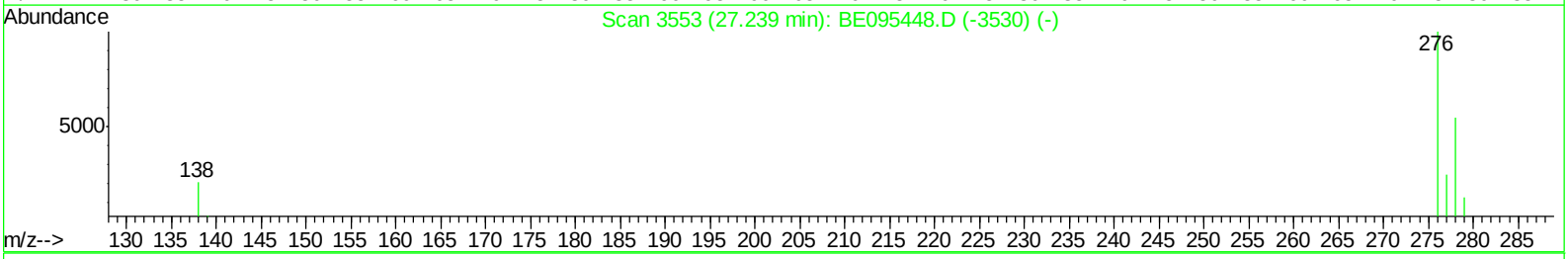
Quant Time: Feb 05 06:14:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

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

27.260min (+0.021) 2.27ng/ul m

response 51697

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.35#
227.00	10.00	0.00#
0.00	0.00	0.00

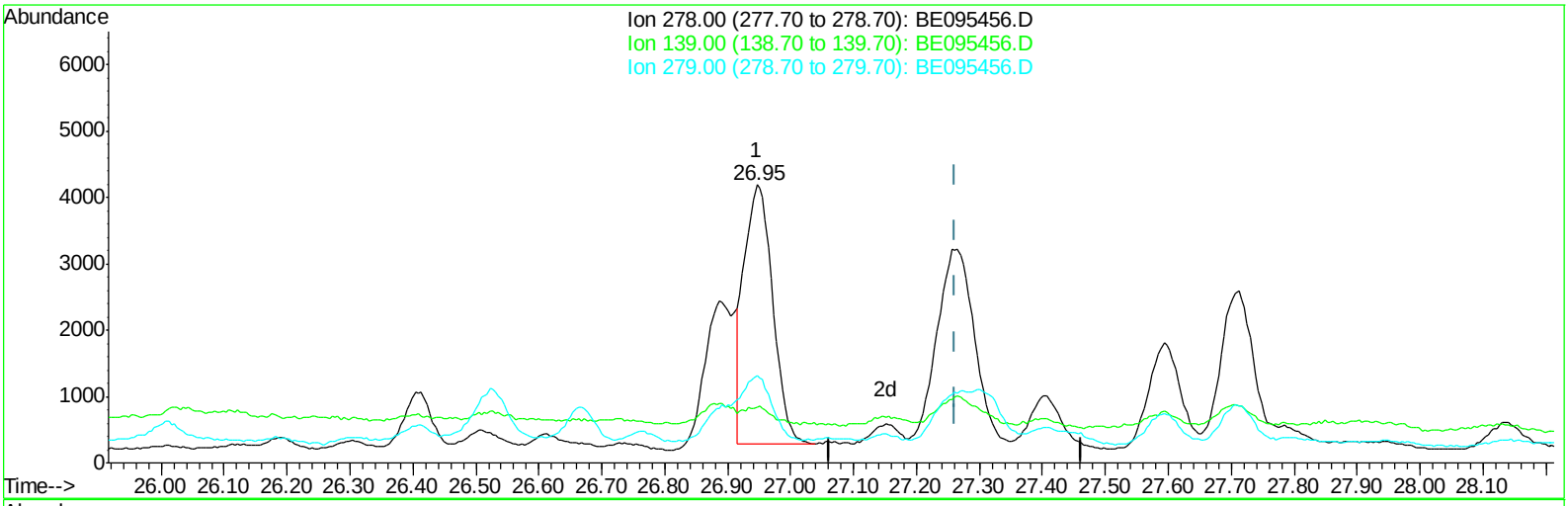
Quantitation Report (Qedit)

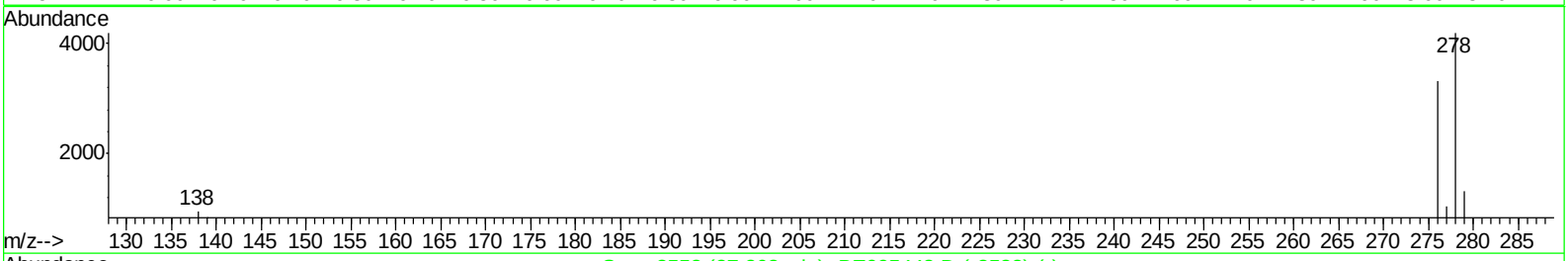
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

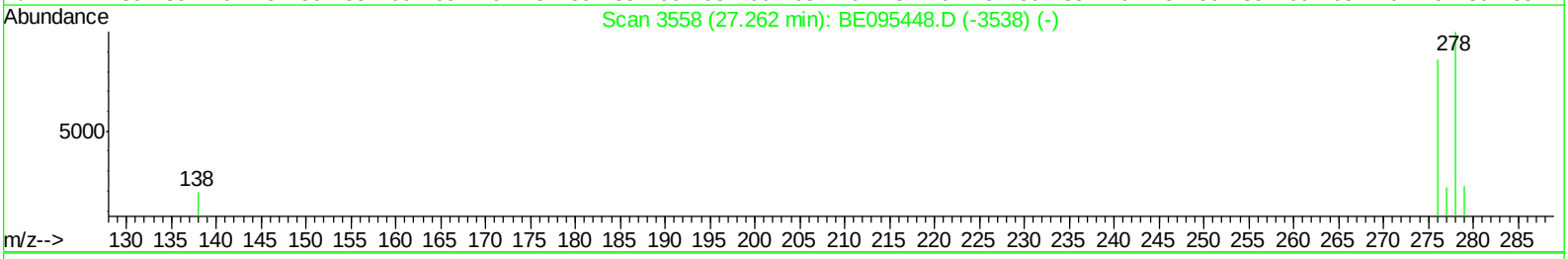
Quant Time: Feb 05 06:14:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(25) Dibenzo(a,h)anthracene

26.946min (-0.316) 0.66ng/ul

response 12357

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.02
279.00	32.40	31.60
0.00	0.00	0.00

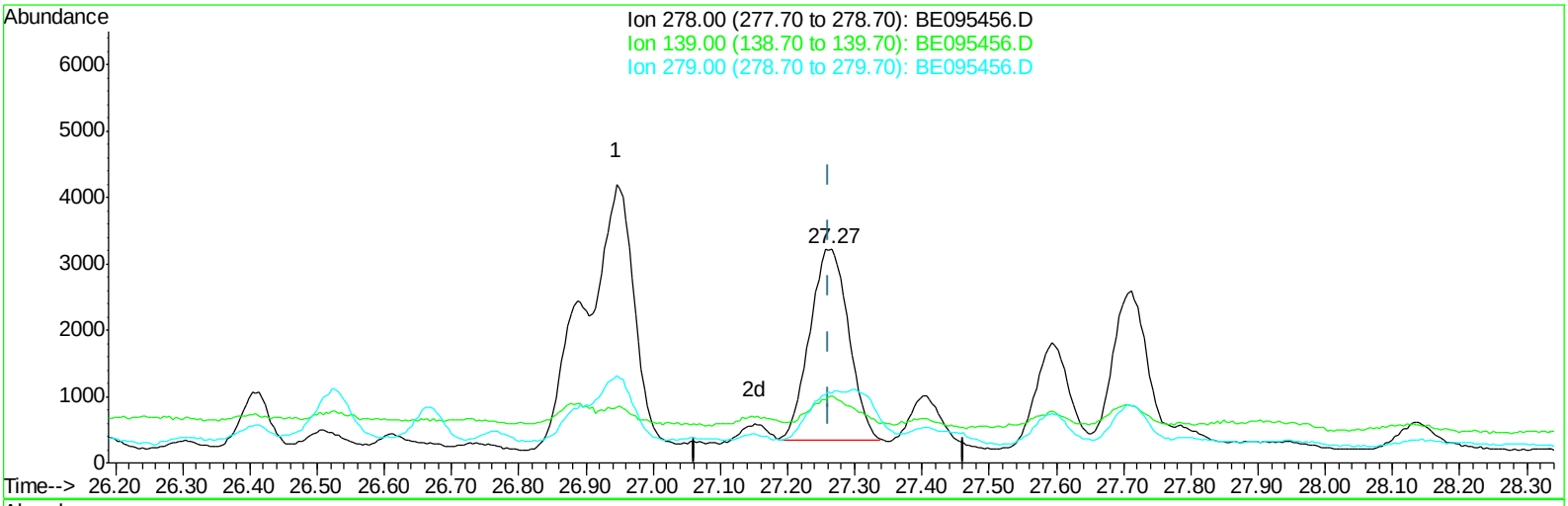
Quantitation Report (Qedit)

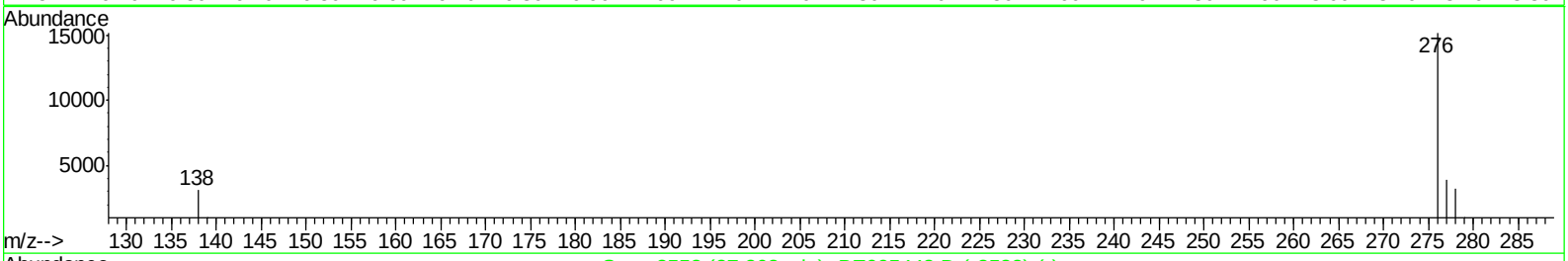
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

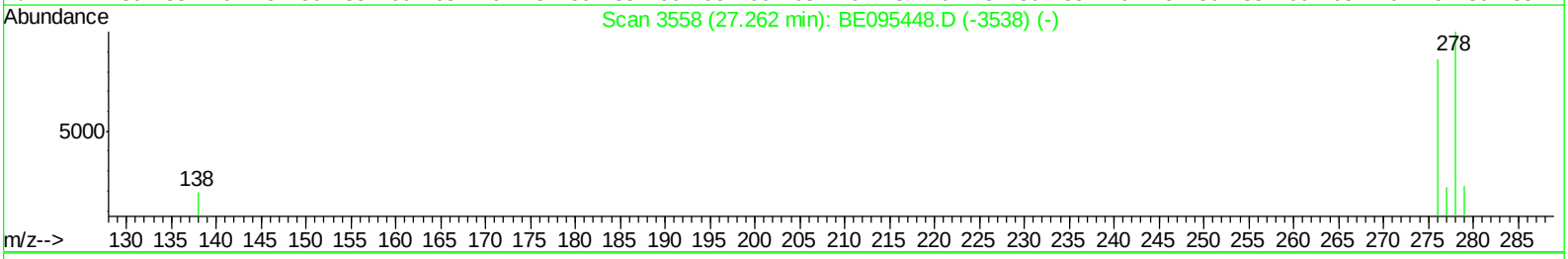
Quant Time: Feb 05 06:14:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

(25) Dibenzo(a,h)anthracene

27.265min (+0.003) 0.62ng/ul m

response 11627

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	31.13#
279.00	32.40	32.56
0.00	0.00	0.00

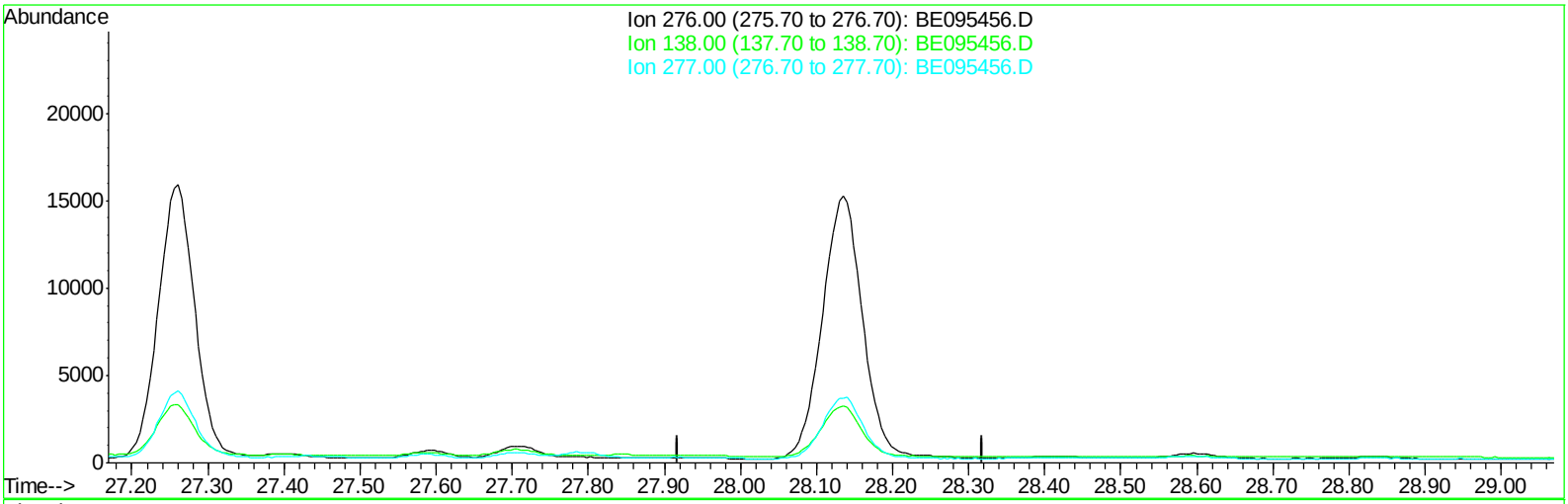
Quantitation Report (Qedit)

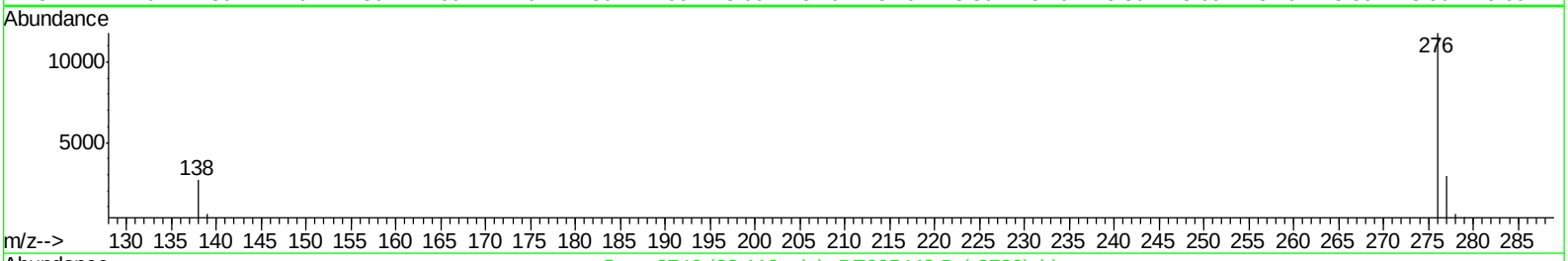
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

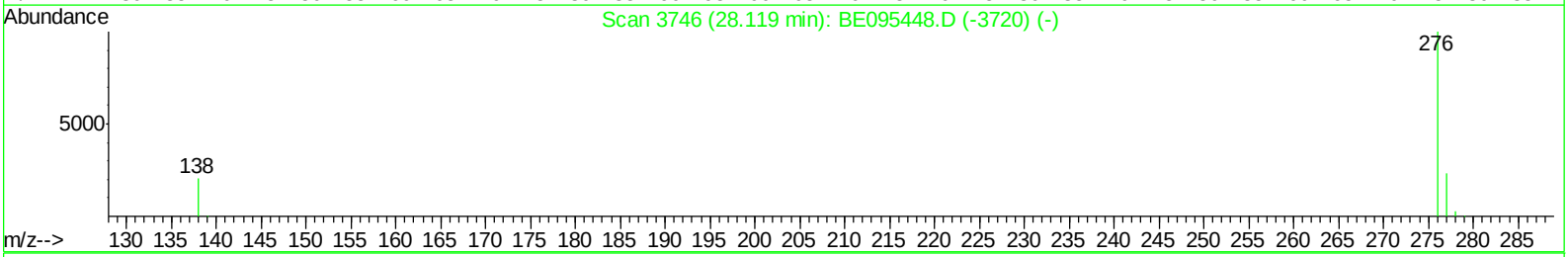
Quant Time: Feb 05 06:14:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

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

28.119min (-28.119) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	27.30	0.00#
277.00	25.60	0.00#
0.00	0.00	0.00

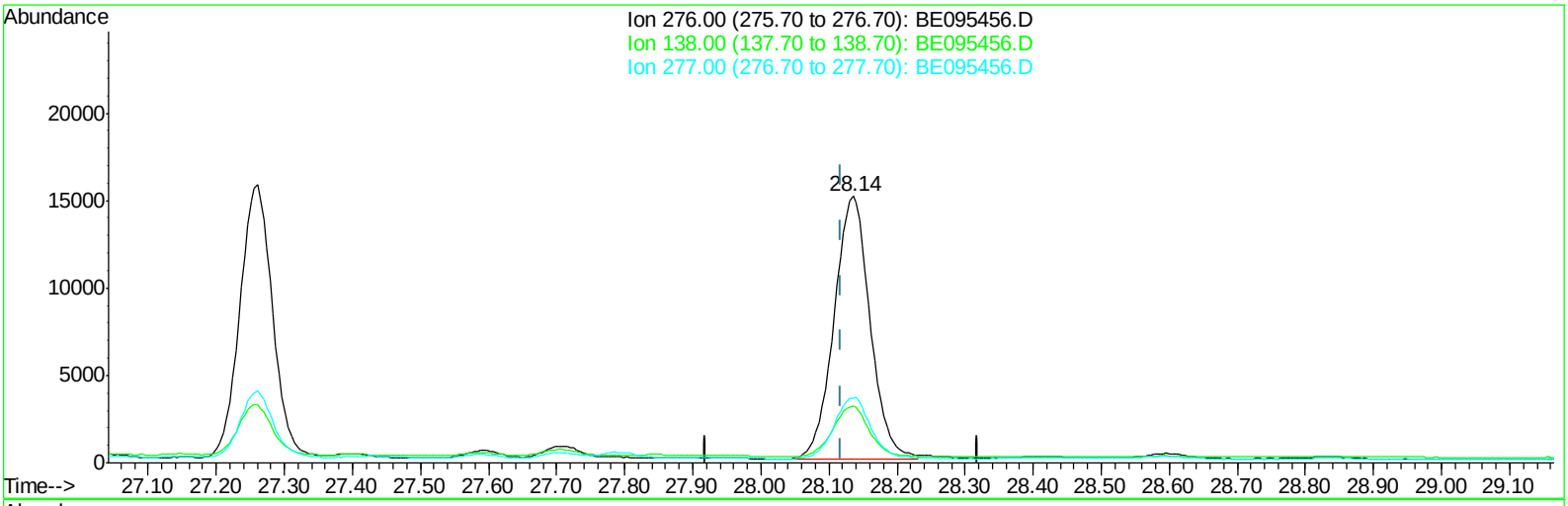
Quantitation Report (Qedit)

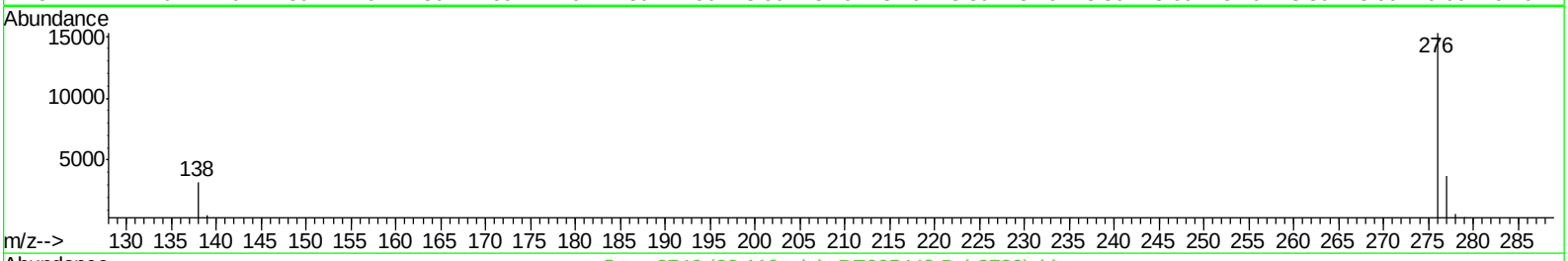
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

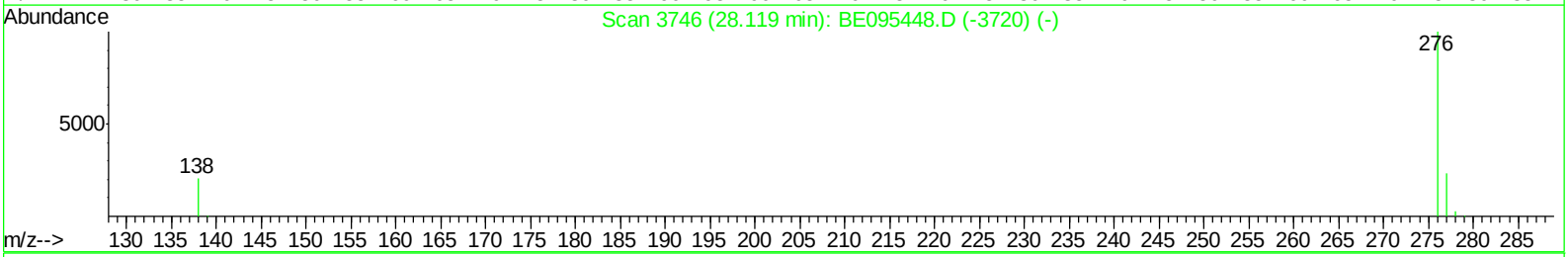
Quant Time: Feb 05 06:14:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM







TIC: BE095456.D

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

28.135min (+0.016) 2.87ng/ul m

response 55368

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	21.13#
277.00	25.60	24.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM

Quant Time: Feb 05 06:16:08 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1869	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5754	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4058	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7743	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7518	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	6604m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3206	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	7443	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.31	128	944	0.059	ng/ul#	77
5) 2-Methylnaphthalene	12.88	142	836	0.078	ng/ul	99
7) Acenaphthylene	14.75	152	8138	0.417	ng/ul#	75
8) Acenaphthene	15.08	153	1497	0.099	ng/ul#	83
9) Fluorene	16.03	166	1091m	0.070	ng/ul	
11) Pentachlorophenol	17.36	266	137598	91.749	ng/ul	96
12) Phenanthrene	17.75	178	32871	1.262	ng/ul	92
13) Anthracene	17.85	178	67245	2.821	ng/ul#	94
15) Fluoranthene	19.72	202	194777	5.776	ng/ul	83
17) Pyrene	20.08	202	226286	8.970	ng/ul#	77
18) Benzo(a)anthracene	21.79	228	65528	2.788	ng/ul#	89
19) Chrysene	21.84	228	69048m	2.829	ng/ul	
21) Benzo(b)fluoranthene	23.62	252	145104m	6.228	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	31578m	1.482	ng/ul	
23) Benzo(a)pyrene	24.32	252	37044m	1.781	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.26	276	51697m	2.266	ng/ul	
25) Dibenzo(a,h)anthracene	27.27	278	11627m	0.623	ng/ul	
26) Benzo(g,h,i)perylene	28.14	276	55368m	2.866	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
Data File : BE095456.D
Acq On : 4 Feb 2018 2:21
Operator : SJ/JU
Sample : J1314-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 05 06:16:08 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C44

Manual Integrations APPROVED
Sohil
2/5/2018 7:02:44 PM