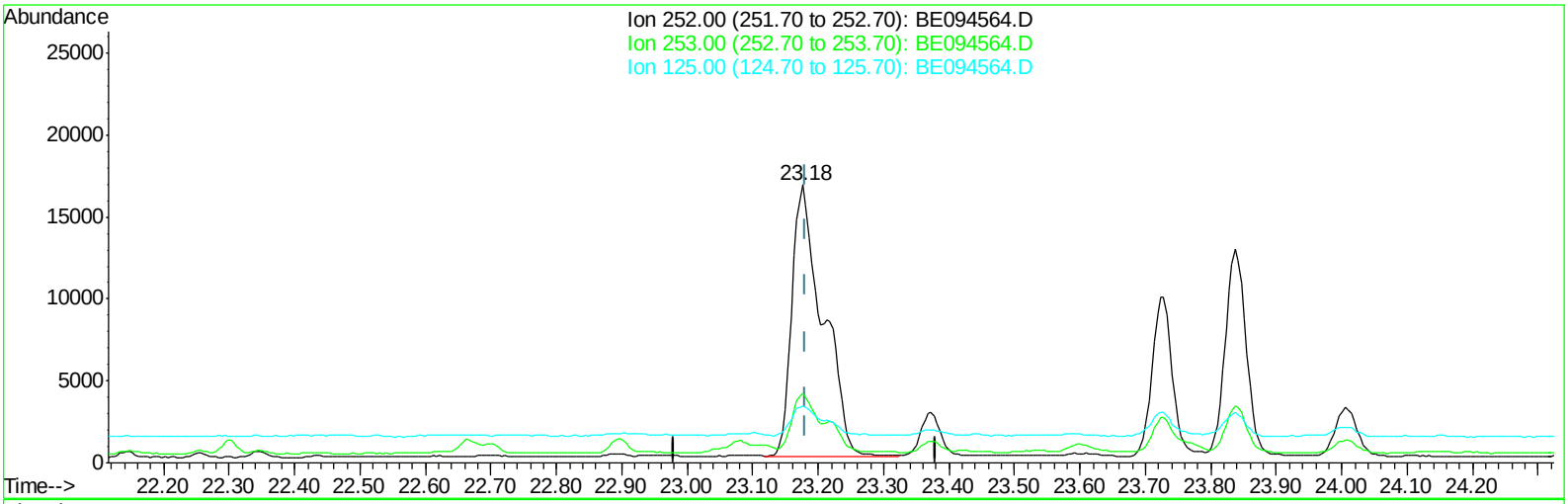
Quantitation Report (Qedit)

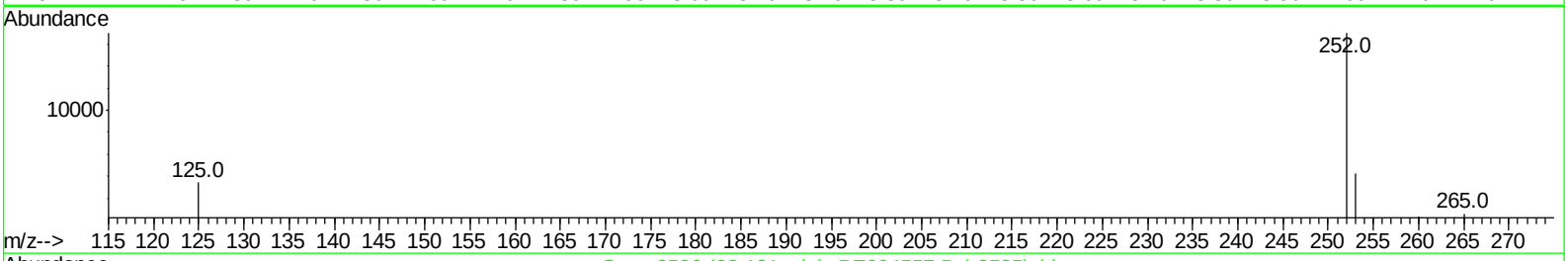
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094564.D
Acq On : 26 Oct 2017 16:13
Operator : SJ/JU
Sample : I5719-15 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

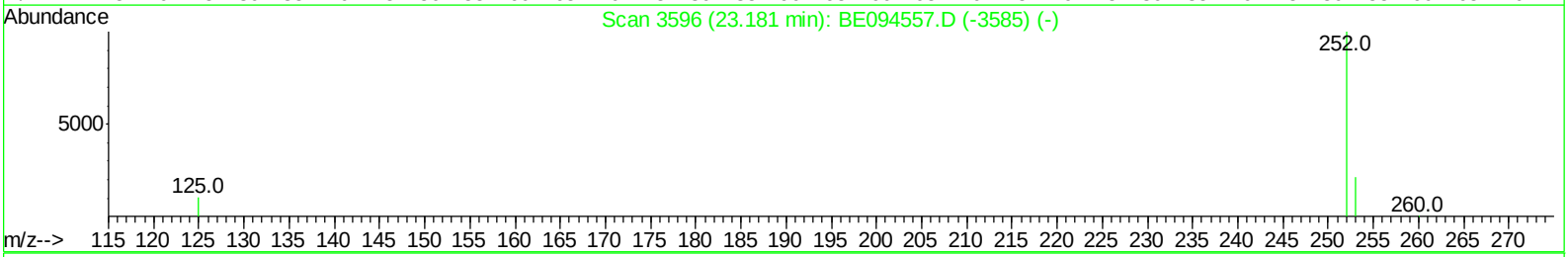
Quant Time: Oct 27 07:40:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-26(5-5.8)-100517

Manual Integrations APPROVED
Sohil
10/27/2017 5:34:49 PM







TIC: BE094564.D

(21) Benzo(b)fluoranthene

23.177min (-0.005) 2.22ng/ul

response 54234

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.02
125.00	17.50	20.40
0.00	0.00	0.00

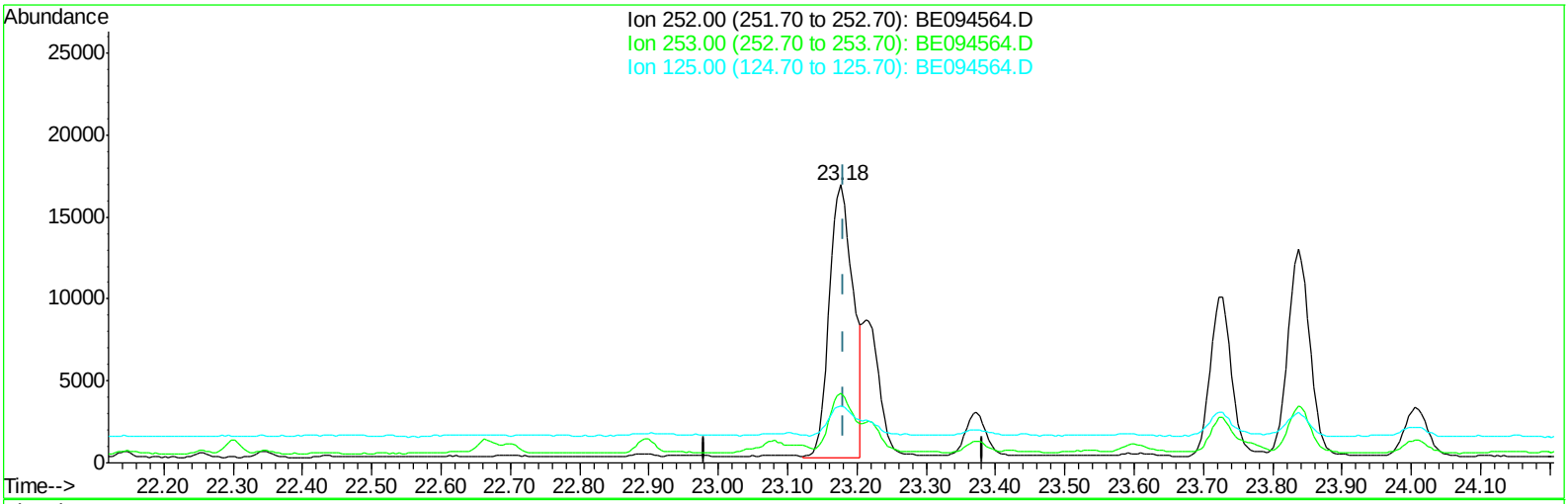
Quantitation Report (Qedit)

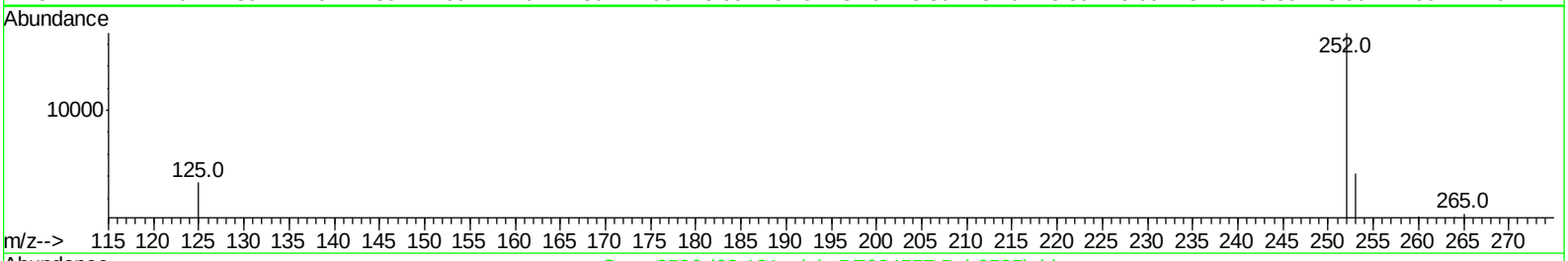
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094564.D
Acq On : 26 Oct 2017 16:13
Operator : SJ/JU
Sample : I5719-15 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

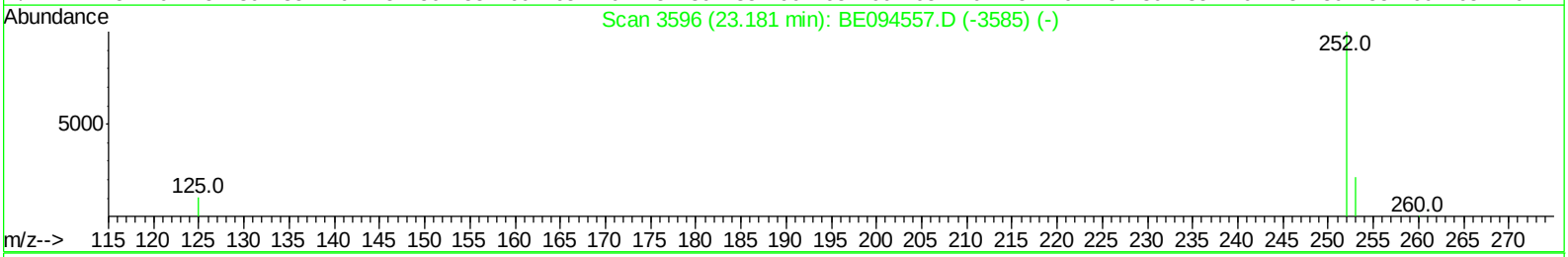
Quant Time: Oct 27 07:40:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-26(5-5.8)-100517

Manual Integrations APPROVED
Sohil
10/27/2017 5:34:49 PM







TIC: BE094564.D

(21) Benzo(b)fluoranthene

23.177min (-0.005) 1.63ng/ul m

response 39976

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.02
125.00	17.50	20.40
0.00	0.00	0.00

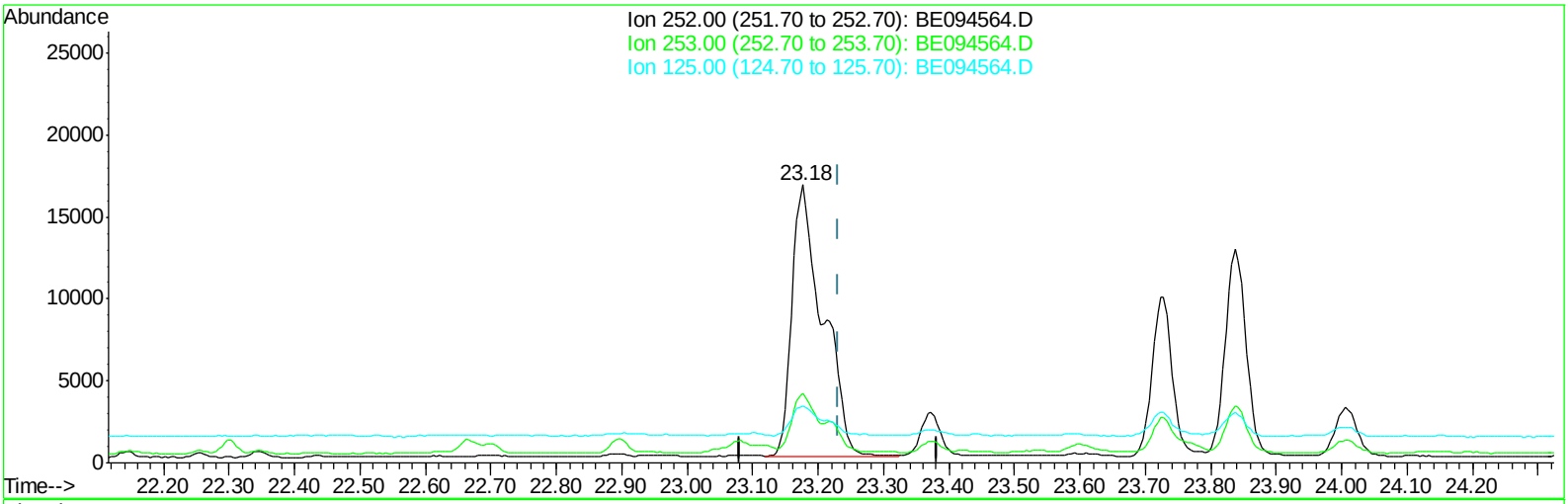
Quantitation Report (Qedit)

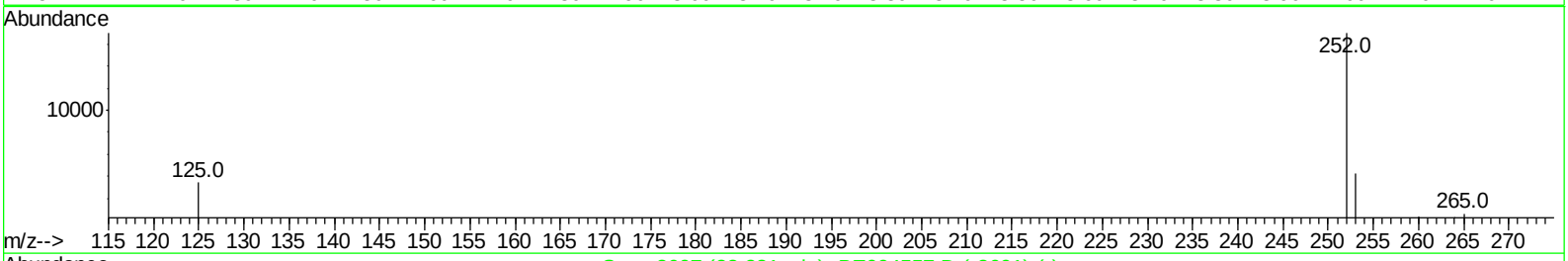
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094564.D
Acq On : 26 Oct 2017 16:13
Operator : SJ/JU
Sample : I5719-15 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

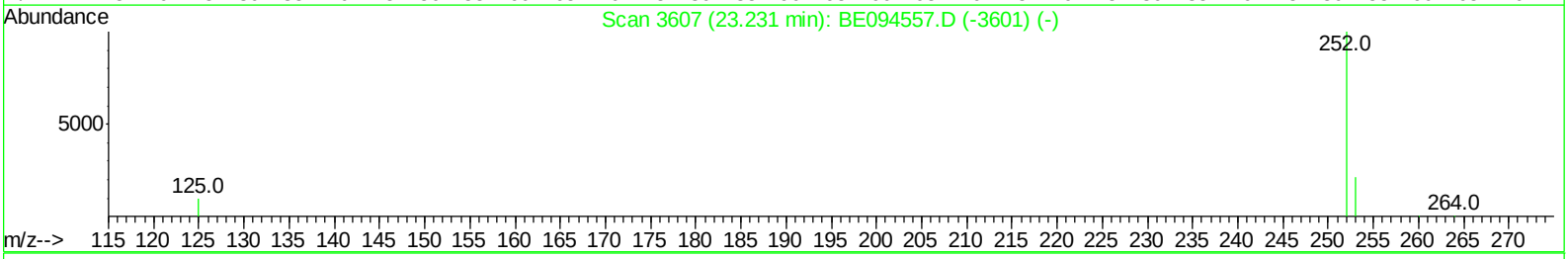
Quant Time: Oct 27 07:40:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-26(5-5.8)-100517

Manual Integrations APPROVED
Sohil
10/27/2017 5:34:49 PM







TIC: BE094564.D

(22) Benzo(k)fluoranthene

23.177min (-0.055) 2.07ng/ul

response 54234

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.02
125.00	17.10	20.40
0.00	0.00	0.00

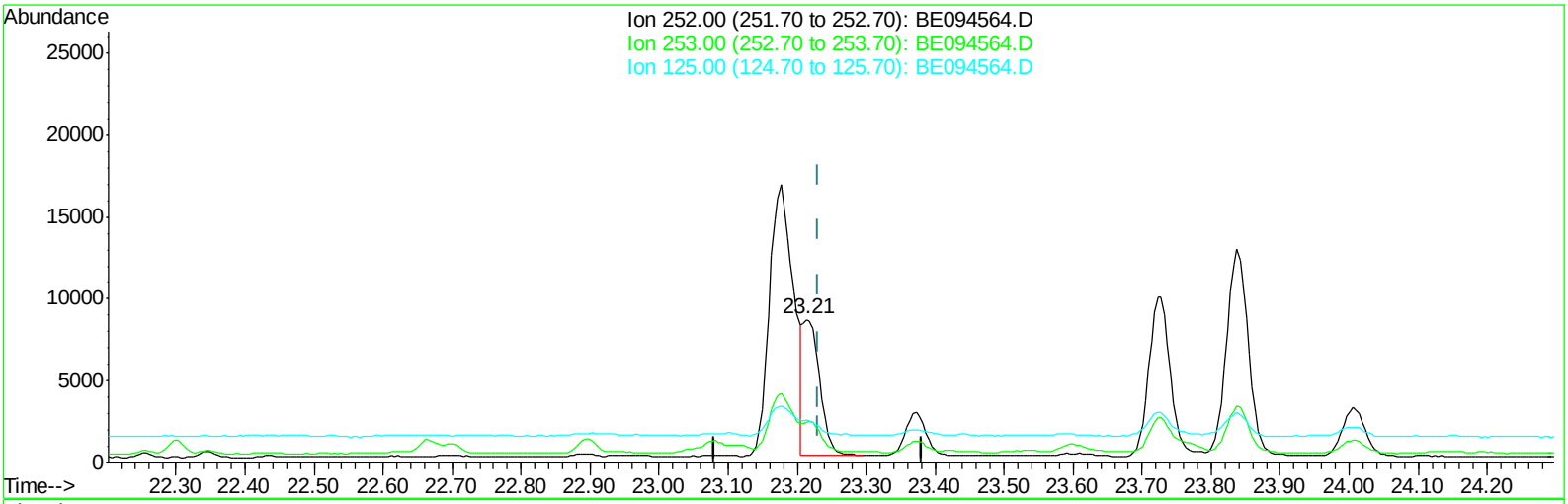
Quantitation Report (Qedit)

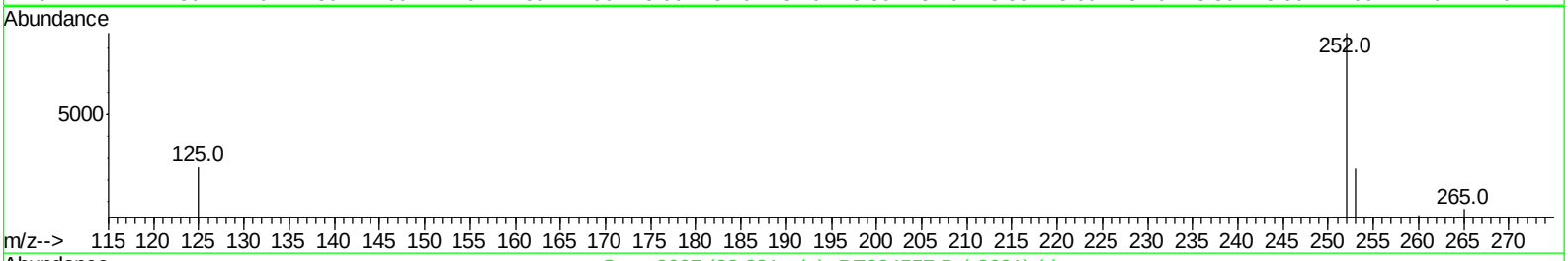
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094564.D
Acq On : 26 Oct 2017 16:13
Operator : SJ/JU
Sample : I5719-15 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

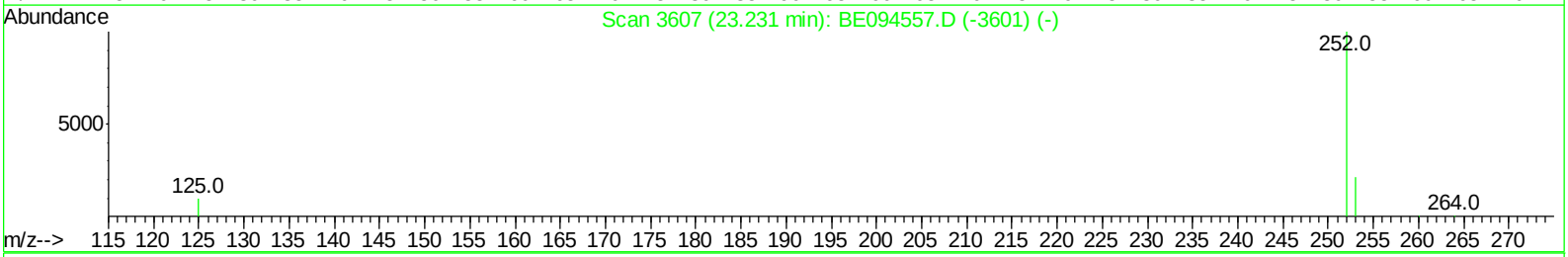
Quant Time: Oct 27 07:40:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-26(5-5.8)-100517

Manual Integrations APPROVED
Sohil
10/27/2017 5:34:49 PM







TIC: BE094564.D

(22) Benzo(k)fluoranthene

23.213min (-0.018) 0.55ng/ul m

response 14467

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.77
125.00	17.10	29.86#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094564.D
Acq On : 26 Oct 2017 16:13
Operator : SJ/JU
Sample : I5719-15 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-26(5-5.8)-100517

Manual Integrations APPROVED
Sohil
10/27/2017 5:34:49 PM

Quant Time: Oct 27 08:20:12 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1318	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6680	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	3877	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8427	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8411	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8700	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	670	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1190	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	12428	0.761	ng/ul#	89
5) 2-Methylnaphthalene	12.34	142	3677	0.322	ng/ul	97
7) Acenaphthylene	14.23	152	2191	0.125	ng/ul#	73
8) Acenaphthene	14.57	153	1852	0.147	ng/ul	91
9) Fluorene	15.57	166	2171	0.153	ng/ul#	88
12) Phenanthrene	17.29	178	41960	1.885	ng/ul#	92
13) Anthracene	17.38	178	7780	0.354	ng/ul	93
15) Fluoranthene	19.31	202	65505	2.546	ng/ul	84
17) Pyrene	19.67	202	62196	2.392	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	32784	1.363	ng/ul#	89
19) Chrysene	21.46	228	35265	1.419	ng/ul	96
21) Benzo(b)fluoranthene	23.18	252	39976m	1.633	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	14467m	0.552	ng/ul	
23) Benzo(a)pyrene	23.84	252	27899	1.140	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.65	276	18544	0.733	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	5180	0.243	ng/ul#	62
26) Benzo(g,h,i)perylene	27.48	276	16496	0.812	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
Data File : BE094564.D
Acq On : 26 Oct 2017 16:13
Operator : SJ/JU
Sample : I5719-15 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 27 08:20:12 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-26(5-5.8)-100517

Manual Integrations APPROVED
Sohil
10/27/2017 5:34:49 PM