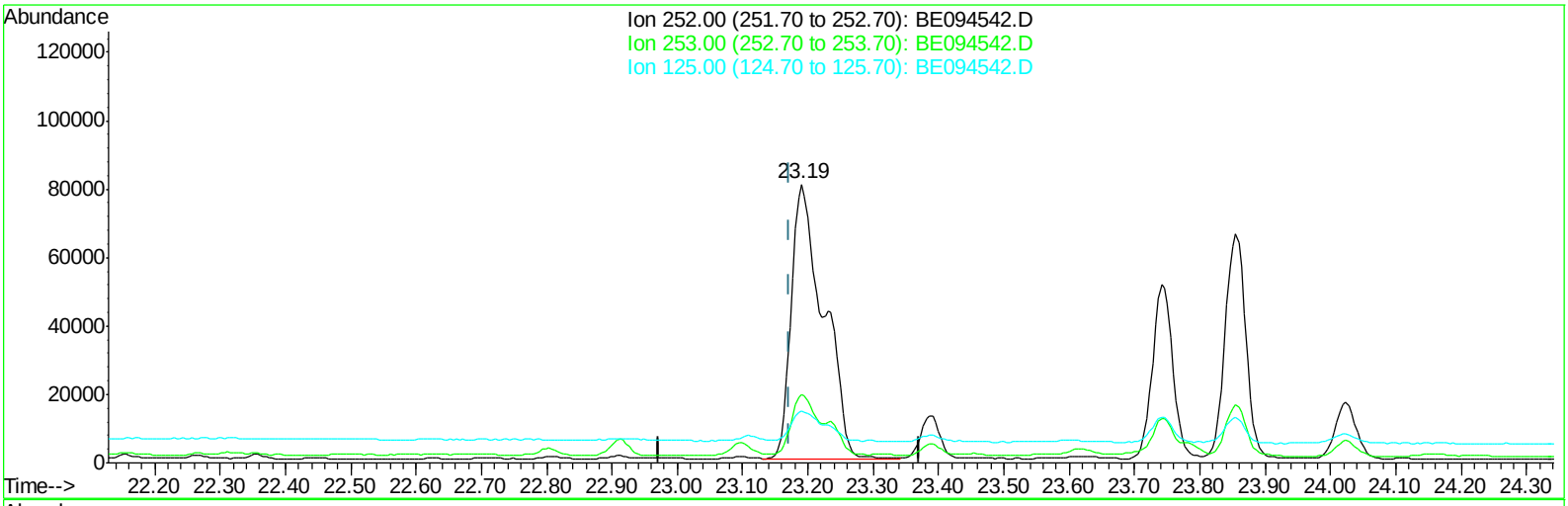
Quantitation Report (Qedit)

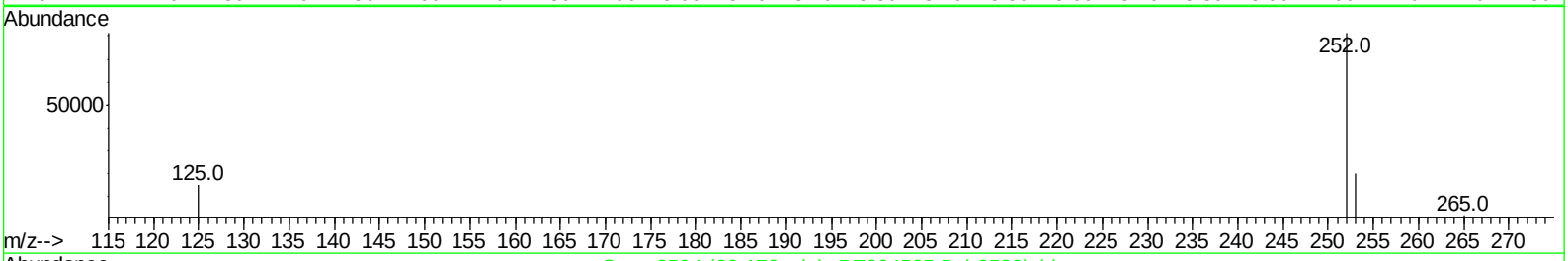
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094542.D
Acq On : 25 Oct 2017 20:43
Operator : SJ/JU
Sample : I5693-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

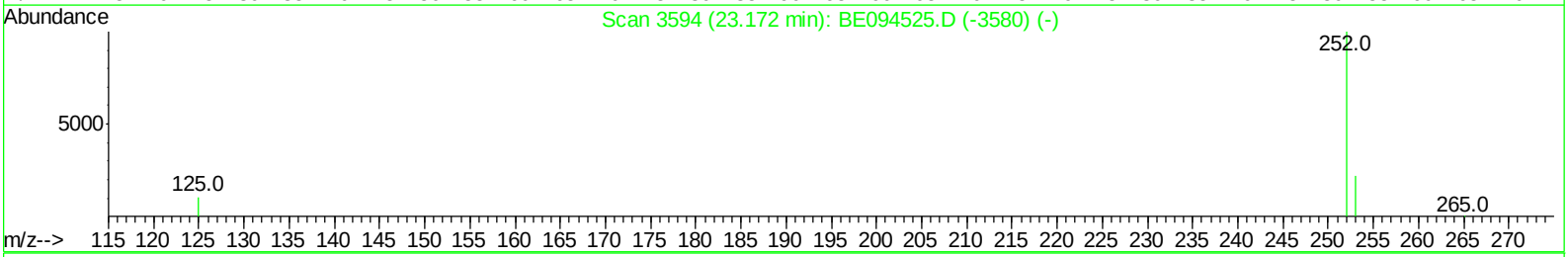
Quant Time: Oct 26 11:59:06 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-32(1-2)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:56:23 AM







TIC: BE094542.D

(21) Benzo(b)fluoranthene

23.190min (+0.018) 11.09ng/ul

response 274600

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.46
125.00	17.50	18.52
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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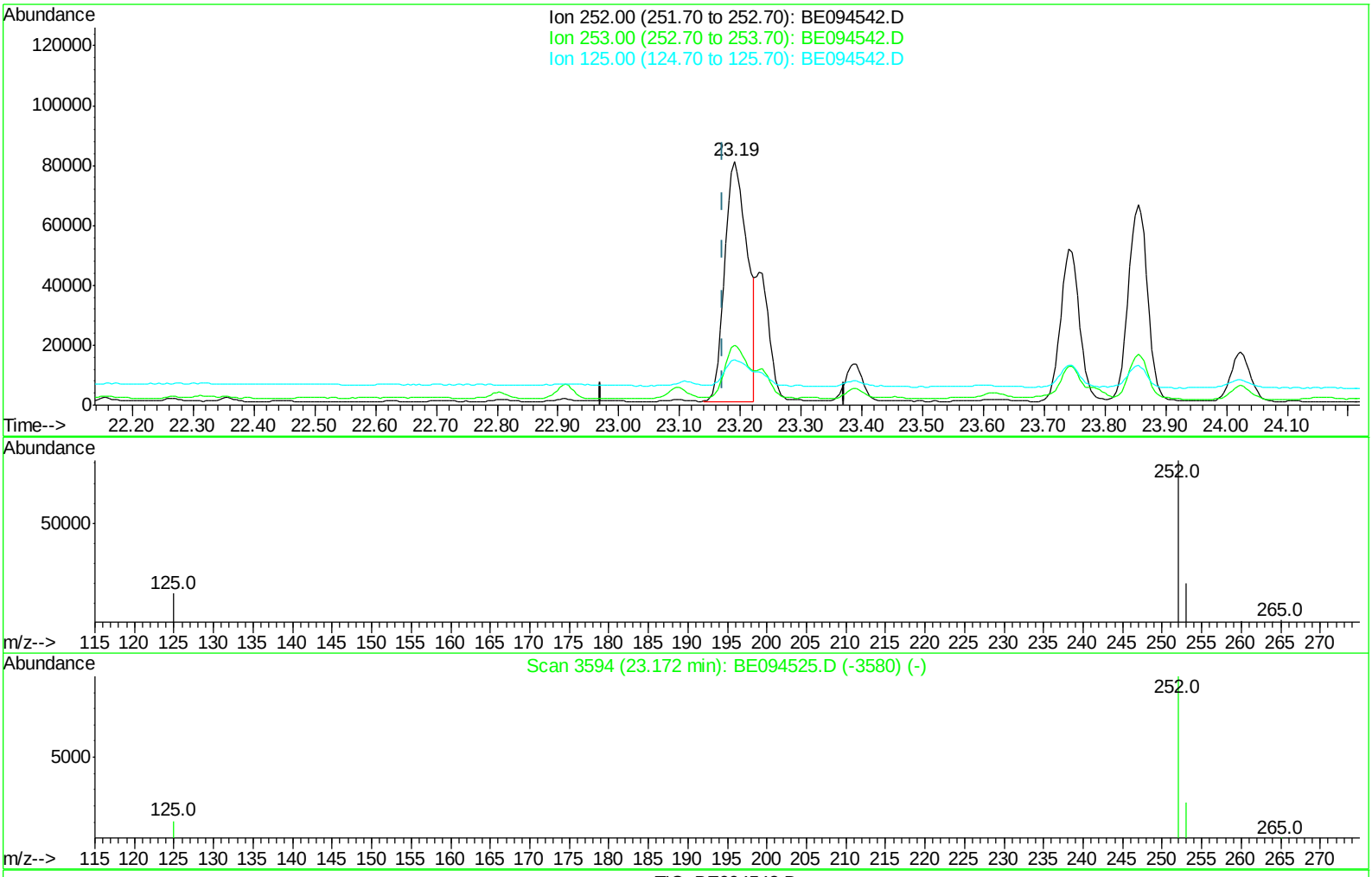
Instrument :
BNA_E
ClientSampleId :
B-32(1-2)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:56:23 AM



TIC: BE094542.D

(21) Benzo(b)fluoranthene

23.190min (+0.018) 8.36ng/ul m

response 207066

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.46
125.00	17.50	18.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094542.D
Acq On : 25 Oct 2017 20:43
Operator : SJ/JU
Sample : I5693-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 11:59:06 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Wed Oct 25 18:44:03 2017
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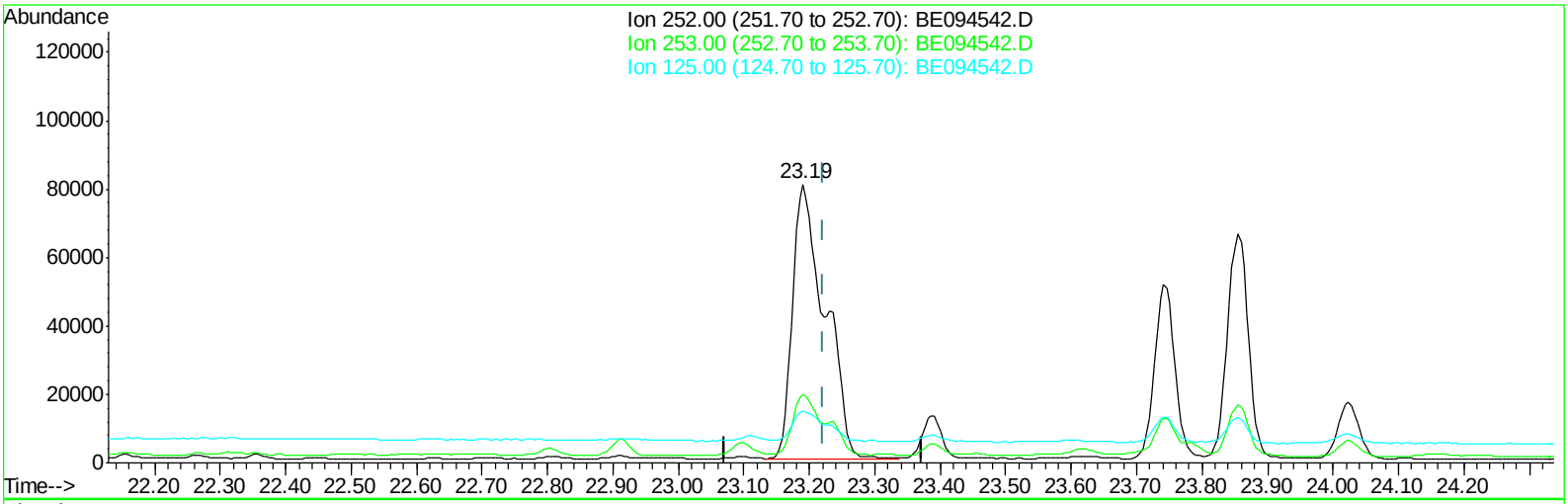
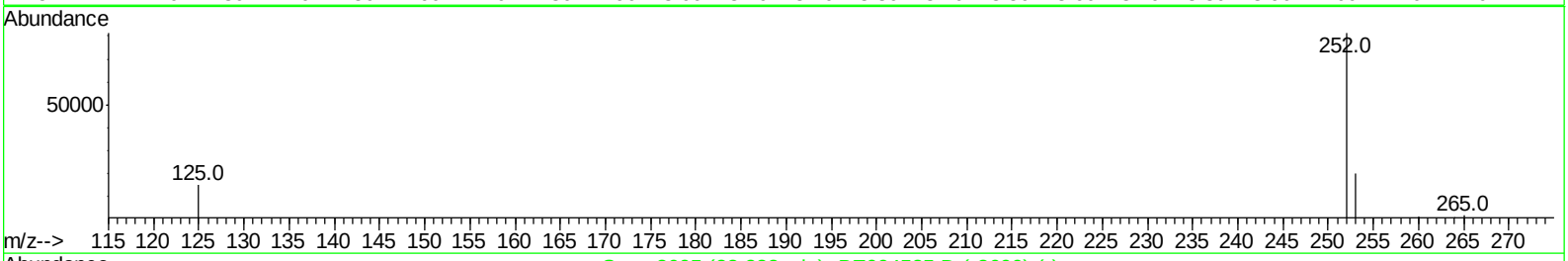
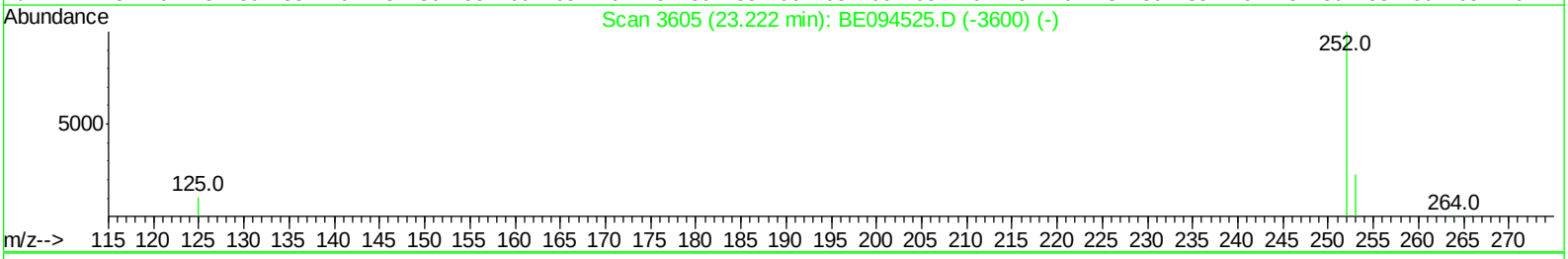
Instrument :
BNA_E
ClientSampleId :
B-32(1-2)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:56:23 AM







TIC: BE094542.D

(22) Benzo(k)fluoranthene

23.190min (-0.032) 10.34ng/ul

response 274564

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.46#
125.00	17.10	18.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094542.D
Acq On : 25 Oct 2017 20:43
Operator : SJ/JU
Sample : I5693-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 11:59:06 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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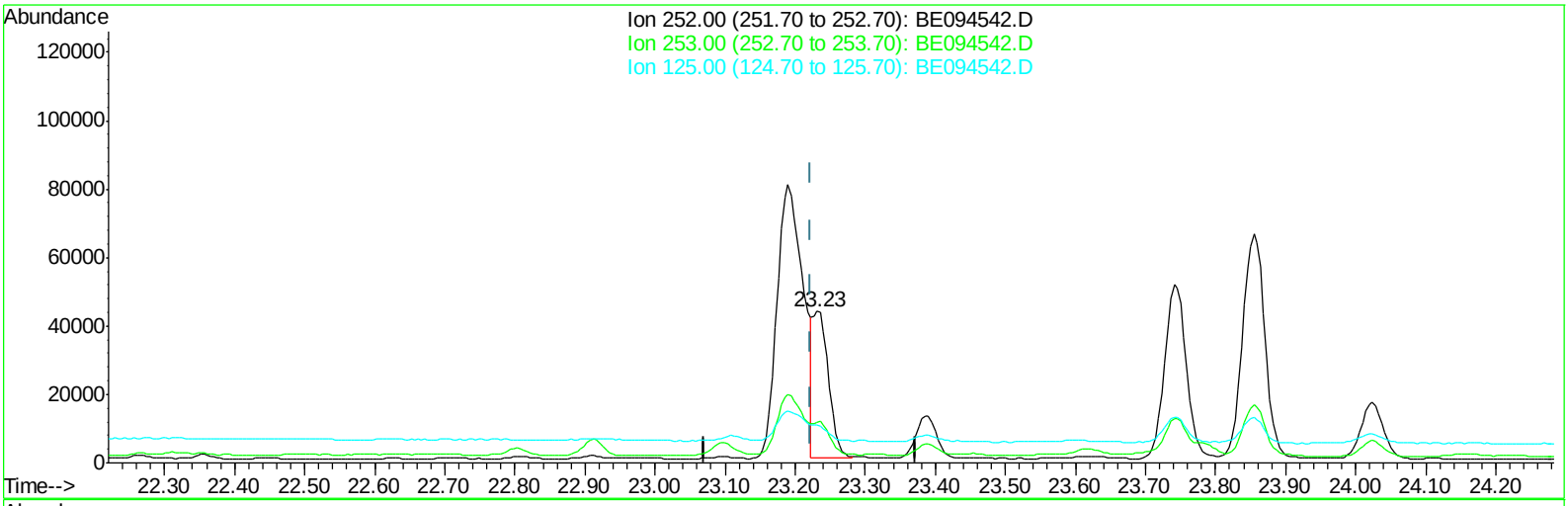
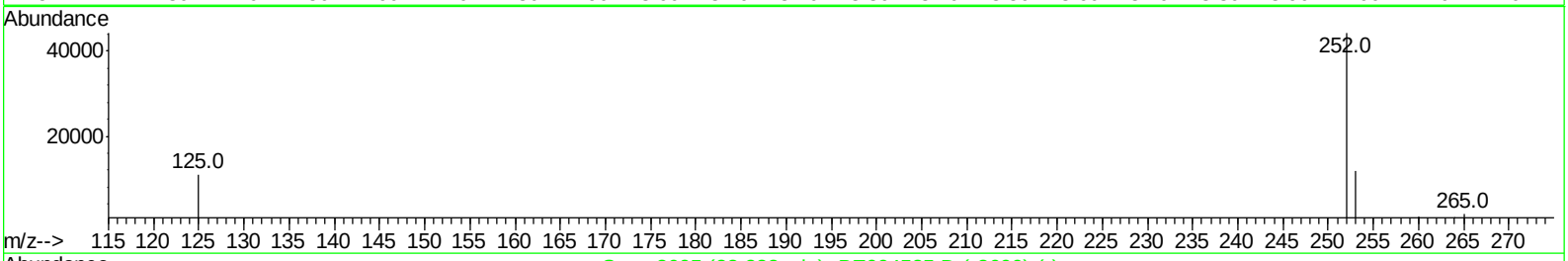
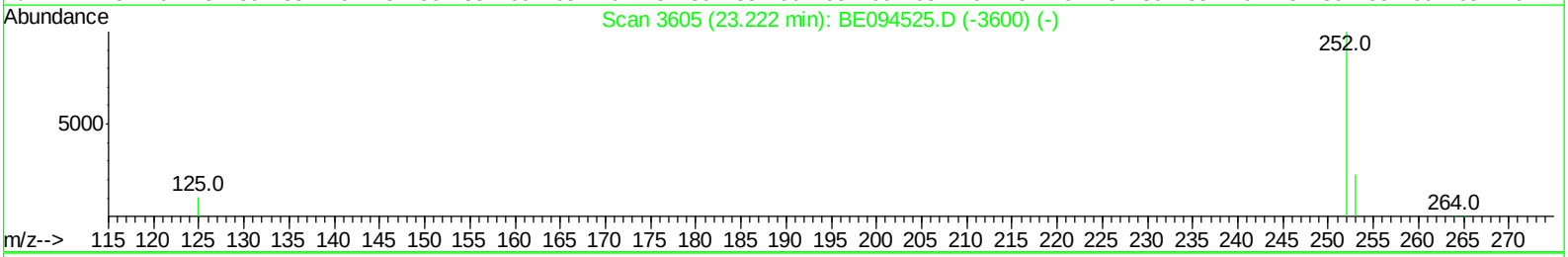
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-32(1-2)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:56:23 AM







TIC: BE094542.D

(22) Benzo(k)fluoranthene

23.231min (+0.009) 2.50ng/ul m

response 66420

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.06
125.00	17.10	24.88#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094542.D
Acq On : 25 Oct 2017 20:43
Operator : SJ/JU
Sample : I5693-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-32(1-2)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:56:23 AM

Quant Time: Oct 26 12:17:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1397	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7543	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4145	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9228	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9842	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	8806	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	478	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1342	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	10844	0.588	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	2602	0.202	ng/ul	99
7) Acenaphthylene	14.24	152	8237	0.439	ng/ul	98
8) Acenaphthene	14.57	153	4911	0.365	ng/ul	95
9) Fluorene	15.56	166	5450	0.360	ng/ul#	82
12) Phenanthrene	17.29	178	134153	5.504	ng/ul#	90
13) Anthracene	17.38	178	24226	1.007	ng/ul#	92
15) Fluoranthene	19.31	202	275821	9.788	ng/ul	84
17) Pyrene	19.68	202	287184	9.439	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	139949	4.974	ng/ul#	89
19) Chrysene	21.47	228	150896	5.189	ng/ul	96
21) Benzo(b)fluoranthene	23.19	252	207066m	8.359	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	66420m	2.502	ng/ul	
23) Benzo(a)pyrene	23.85	252	145981	5.896	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.67	276	102213	3.989	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	22716	1.052	ng/ul#	74
26) Benzo(g,h,i)perylene	27.51	276	78095	3.796	ng/ul	96

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

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Manual Integrations APPROVED
Sohil
10/27/2017 8:56:23 AM