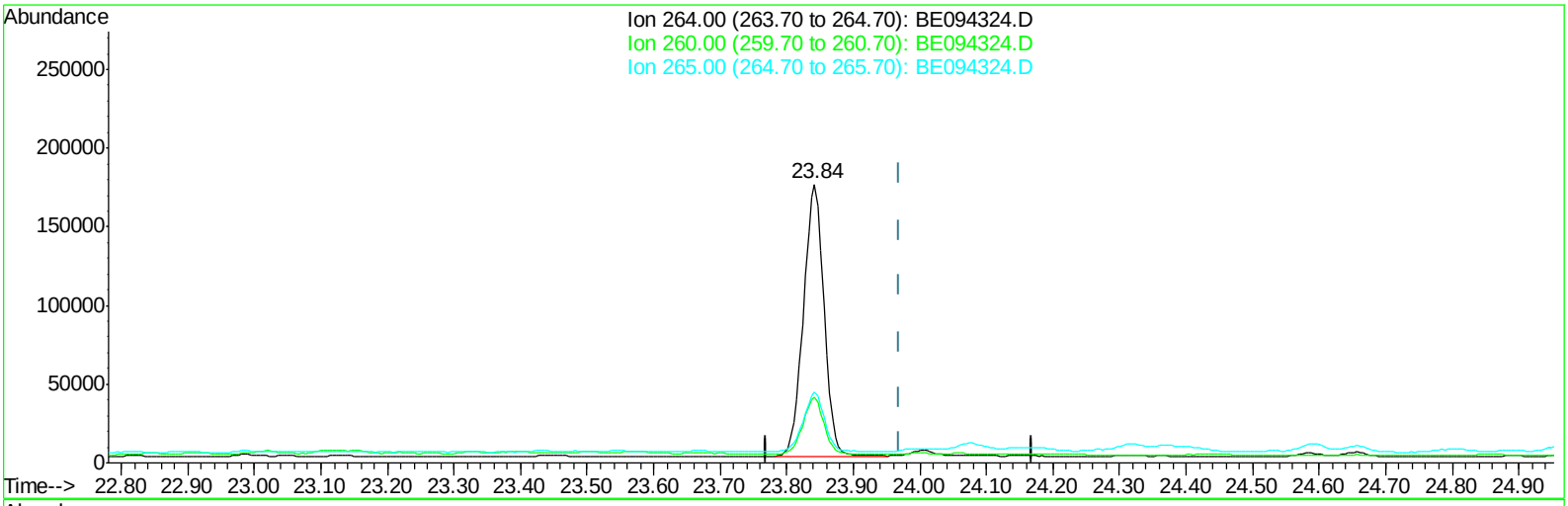
Quantitation Report (Qedit)

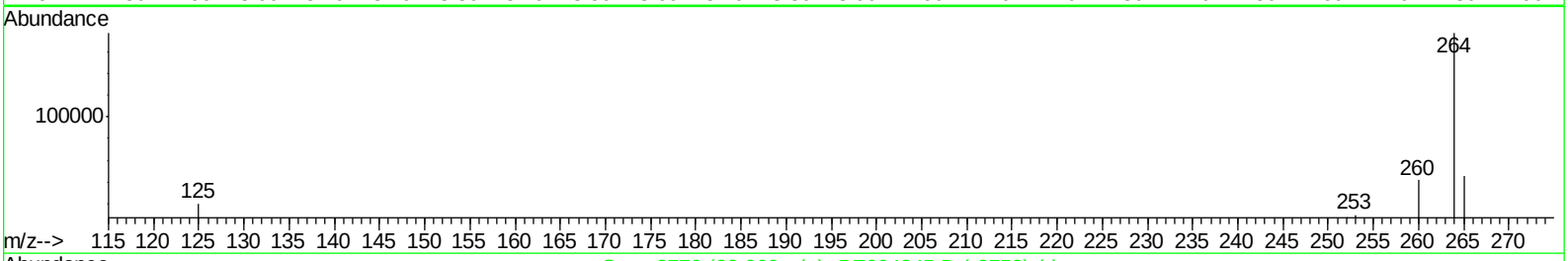
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

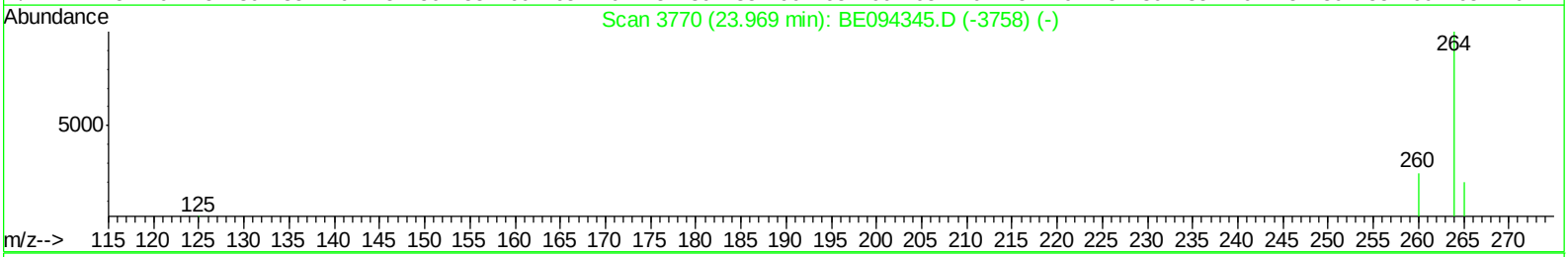
Quant Time: Oct 15 02:39:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

(20) Perylene-d12 (I)

23.842min (-0.127) 0.40ng/ul

response 369824

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	23.55#
265.00	103.50	25.43#
0.00	0.00	0.00

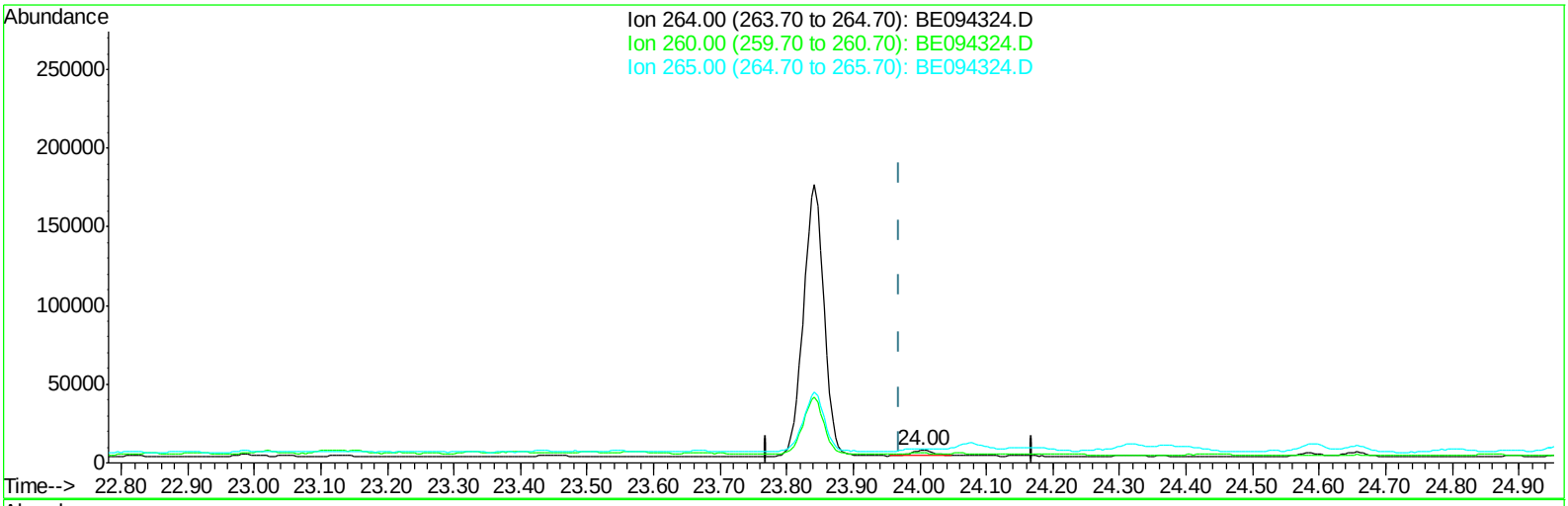
Quantitation Report (Qedit)

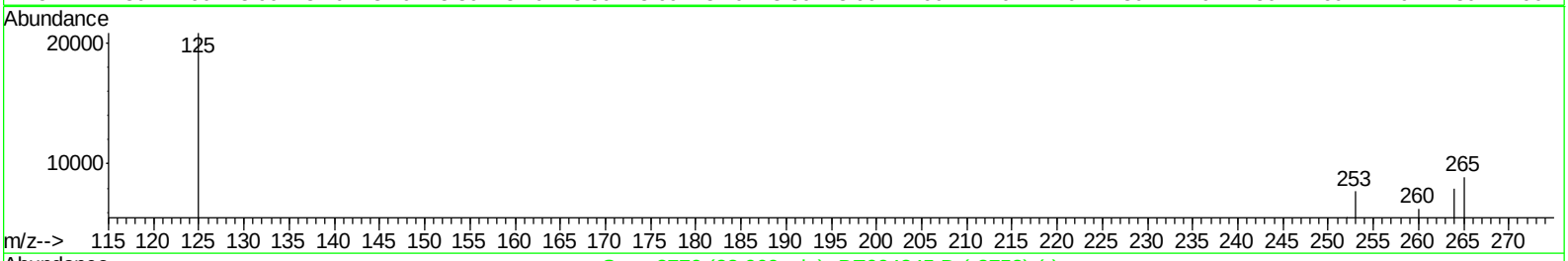
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

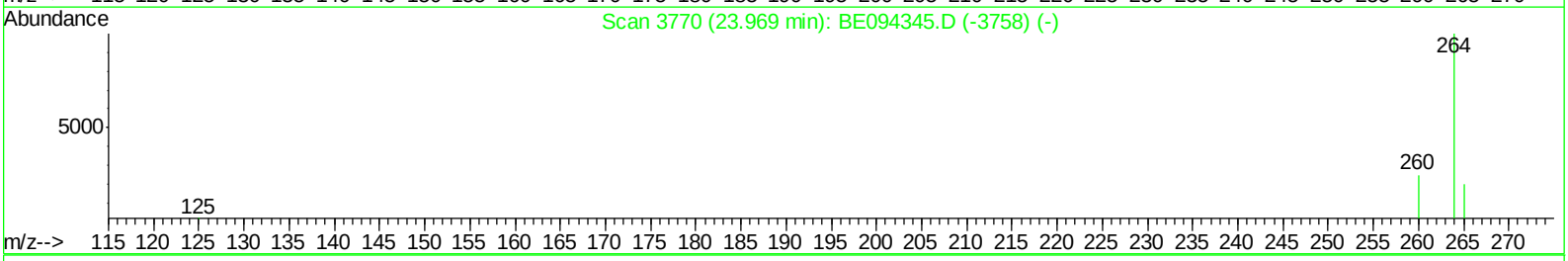
Quant Time: Oct 15 02:39:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

(20) Perylene-d12 (I)

24.001min (+0.032) 0.40ng/ul m

response 8446

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	78.92#
265.00	103.50	111.74
0.00	0.00	0.00

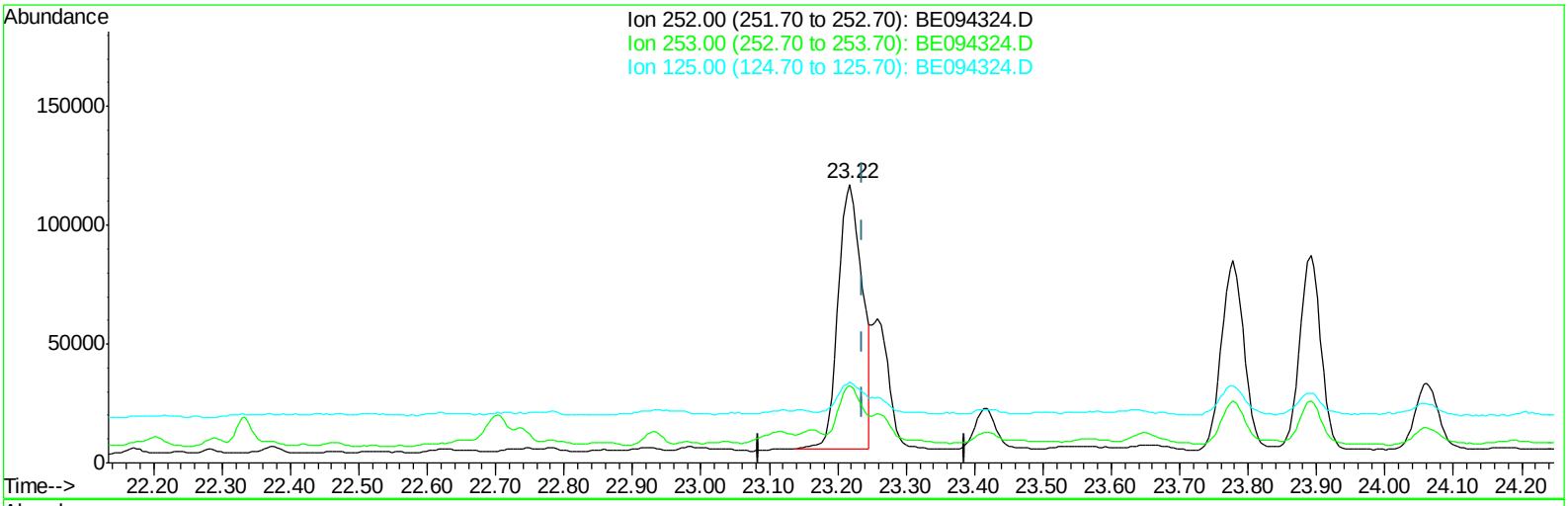
Quantitation Report (Qedit)

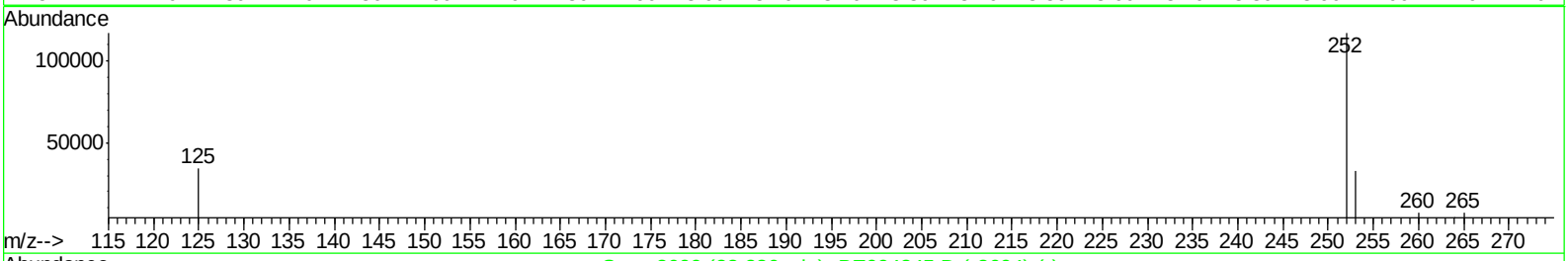
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

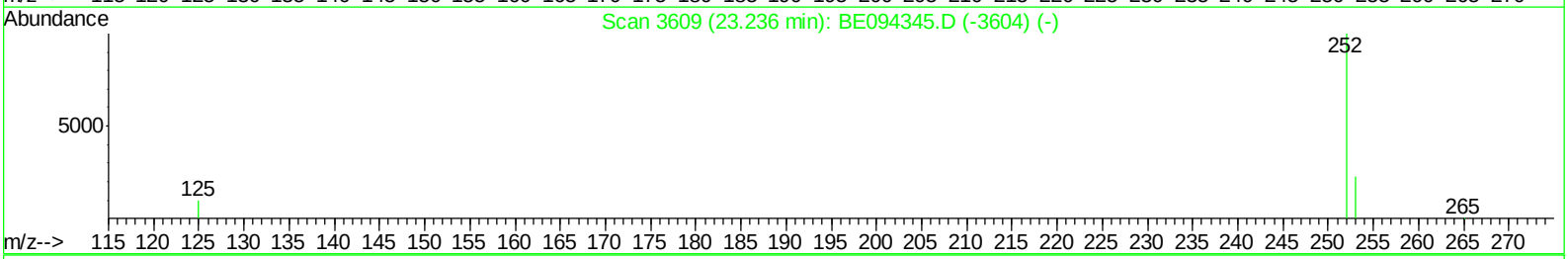
Quant Time: Oct 15 02:40:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

(22) Benzo(k)fluoranthene

23.218min (-0.018) 10.21ng/ul

response 270899

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.85
125.00	17.10	29.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
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Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 02:40:53 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
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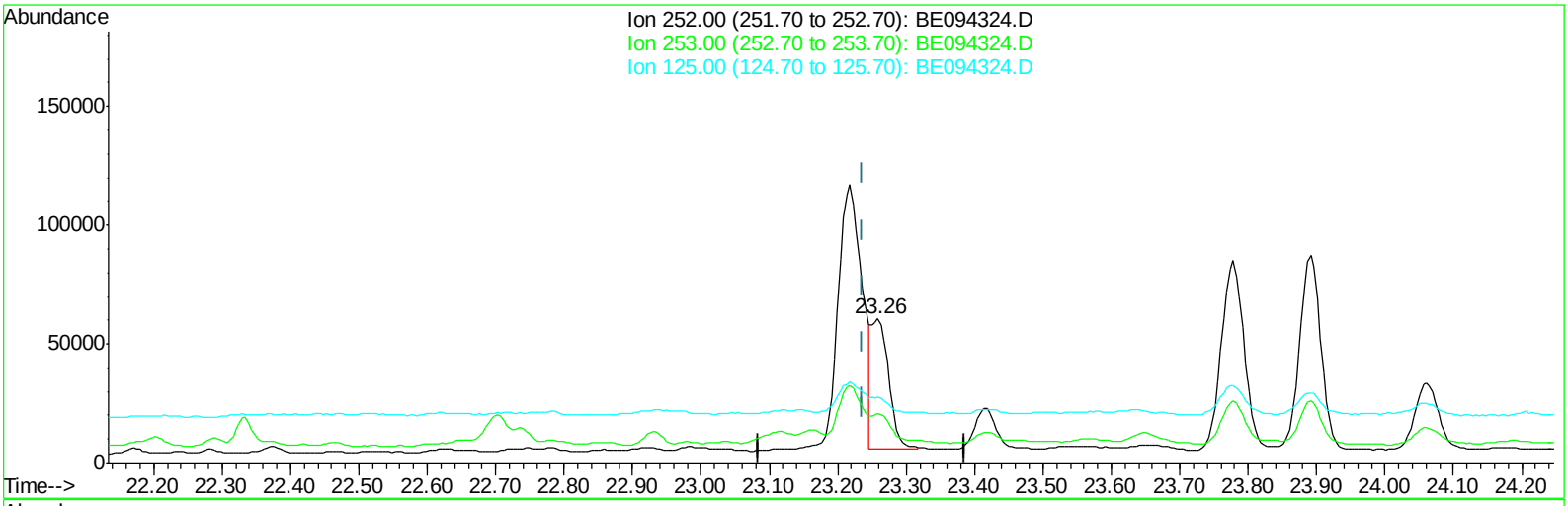
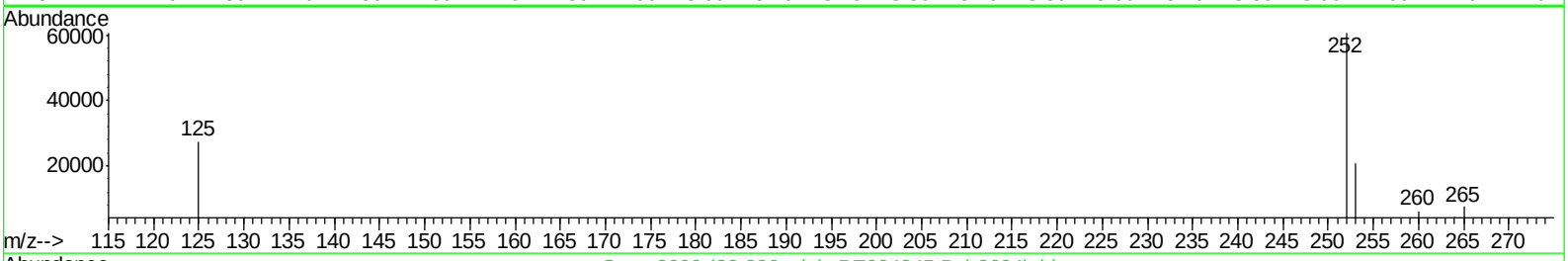
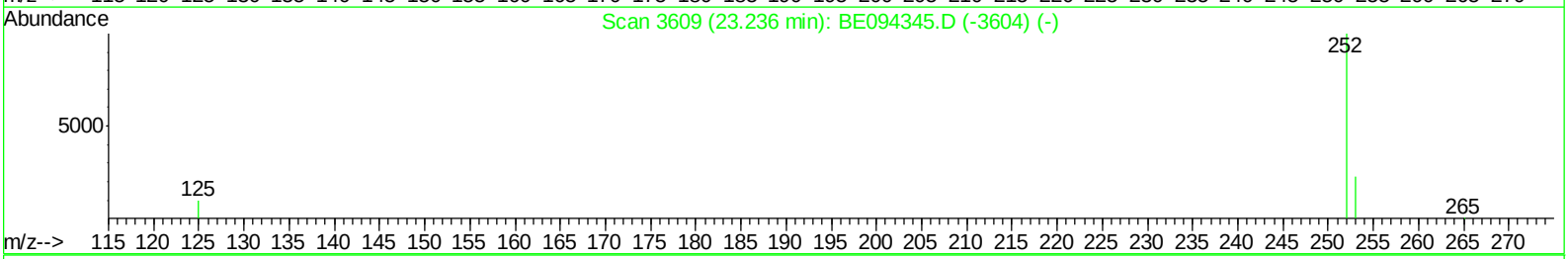
Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

(22) Benzo(k)fluoranthene

23.259min (+0.023) 3.63ng/ul m

response 96288

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.18
125.00	17.10	45.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 02:40:53 2017
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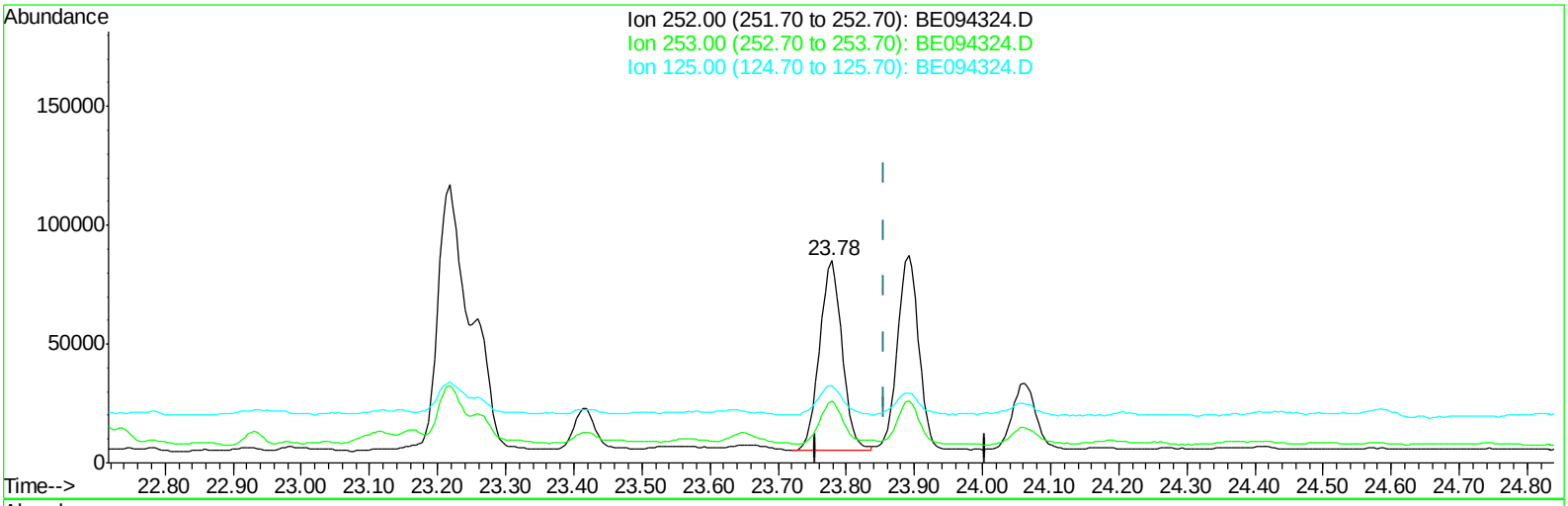
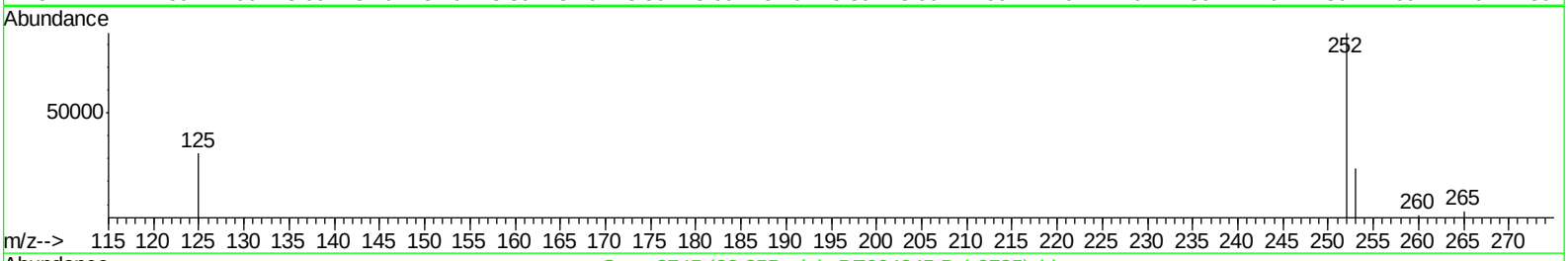
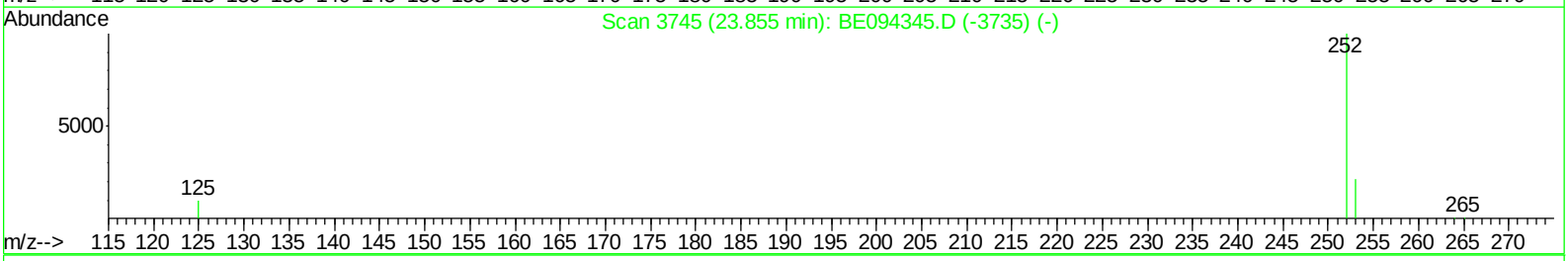
Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

(23) Benzo(a)pyrene (C)

23.778min (-0.077) 7.76ng/ul

response 185035

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	30.62
125.00	22.60	38.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 02:40:53 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
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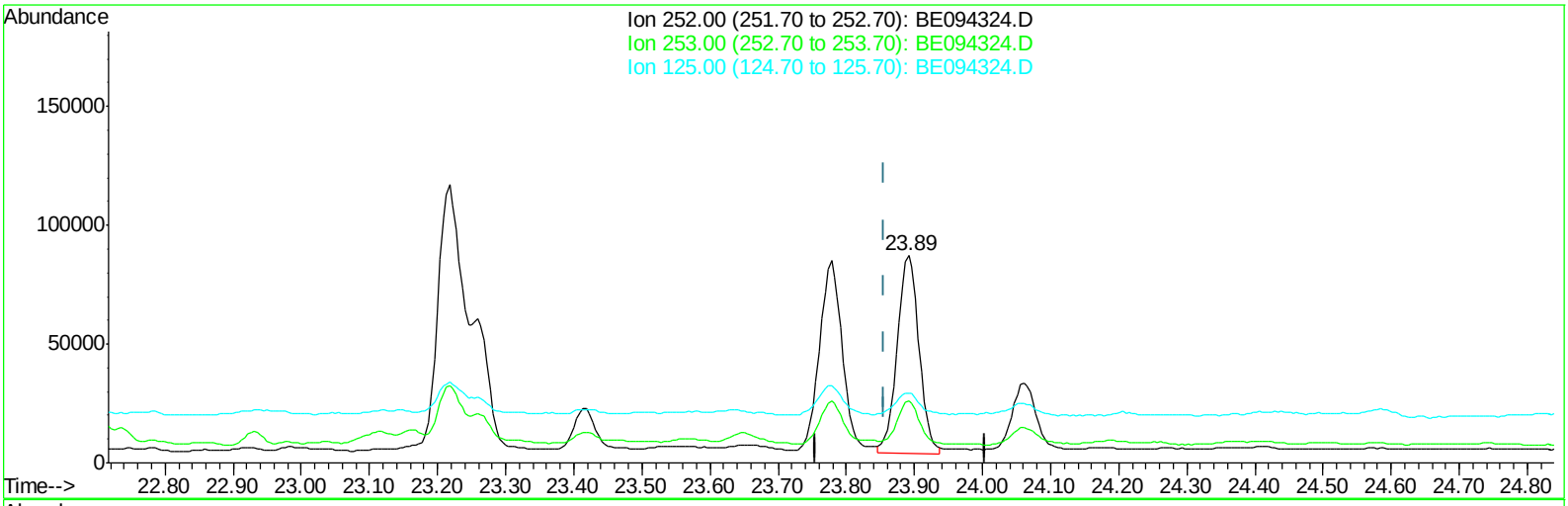
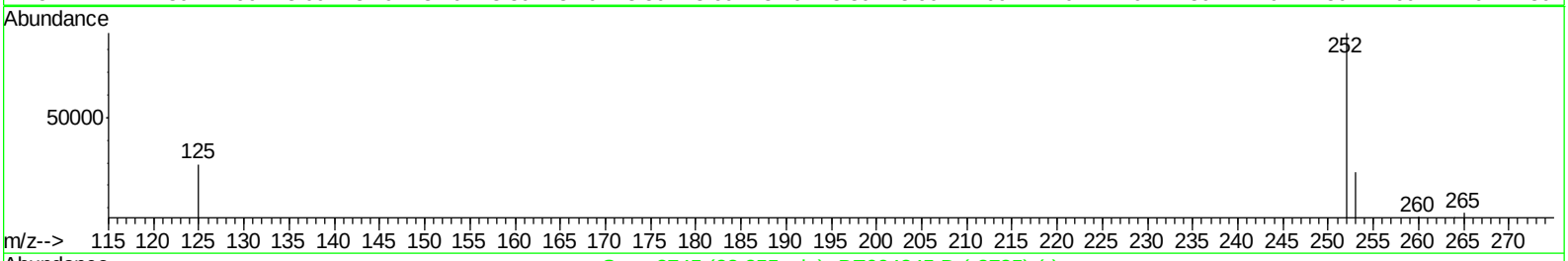
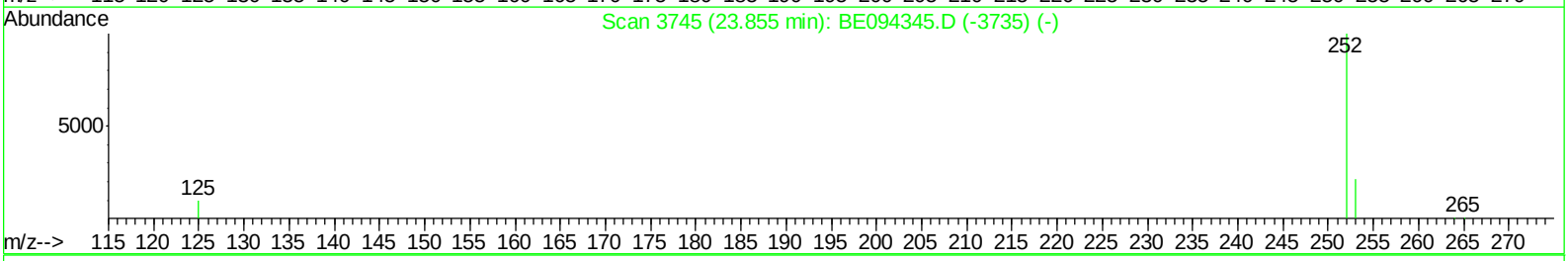
Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

(23) Benzo(a)pyrene (C)

23.892min (+0.037) 7.76ng/ul m

response 185123

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	29.92
125.00	22.60	33.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 02:40:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
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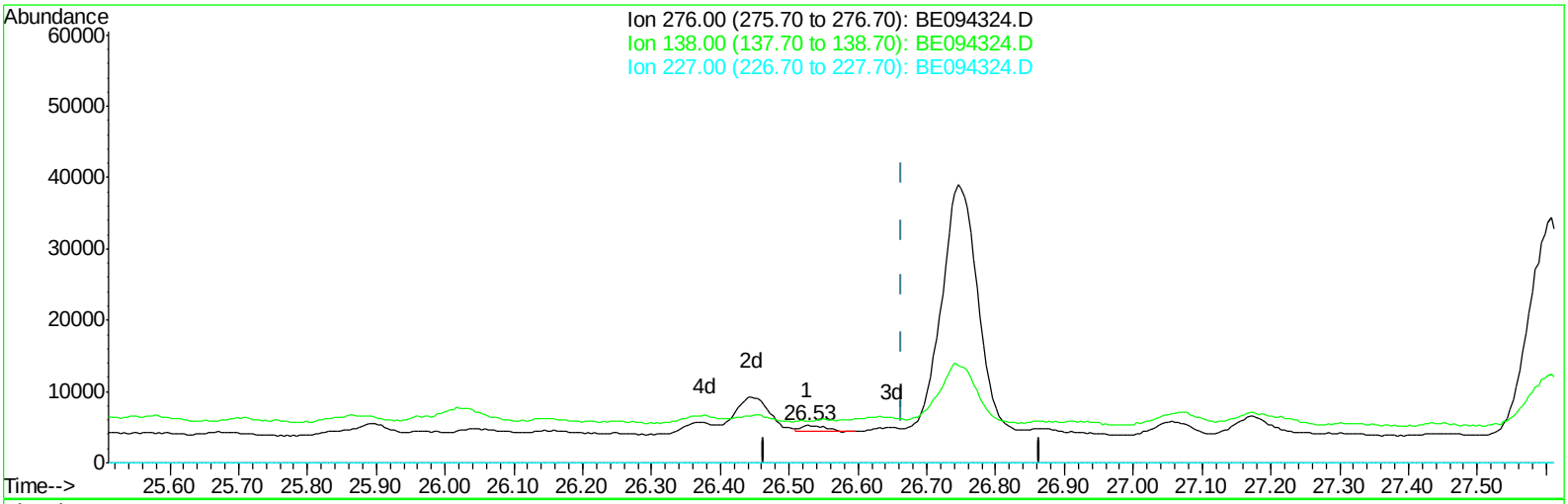
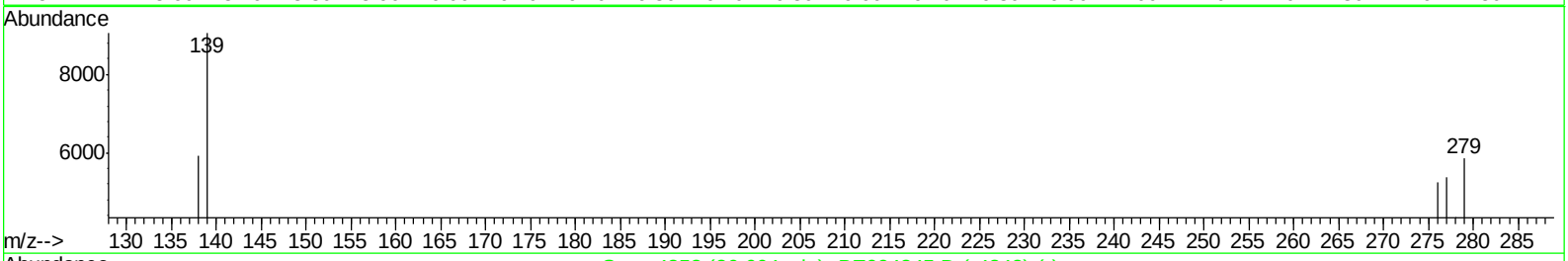
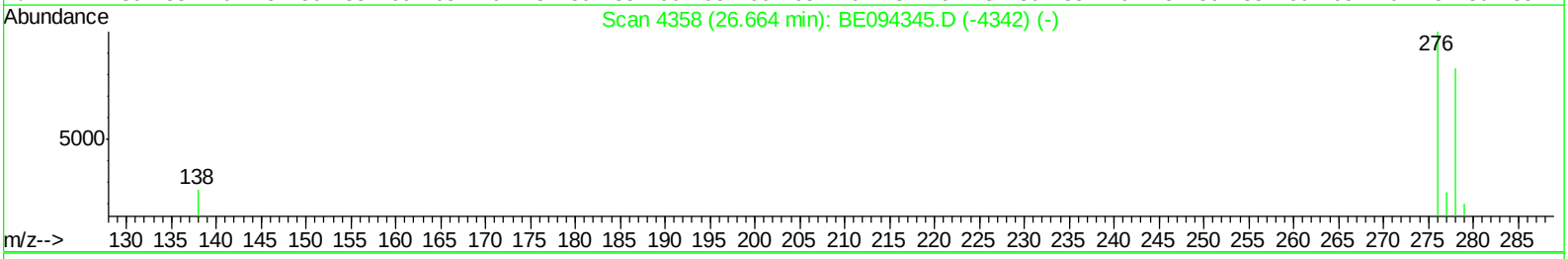
Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

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

26.527min (-0.137) 0.09ng/ul

response 2240

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	13.84#
227.00	10.00	0.00#
0.00	0.00	0.00

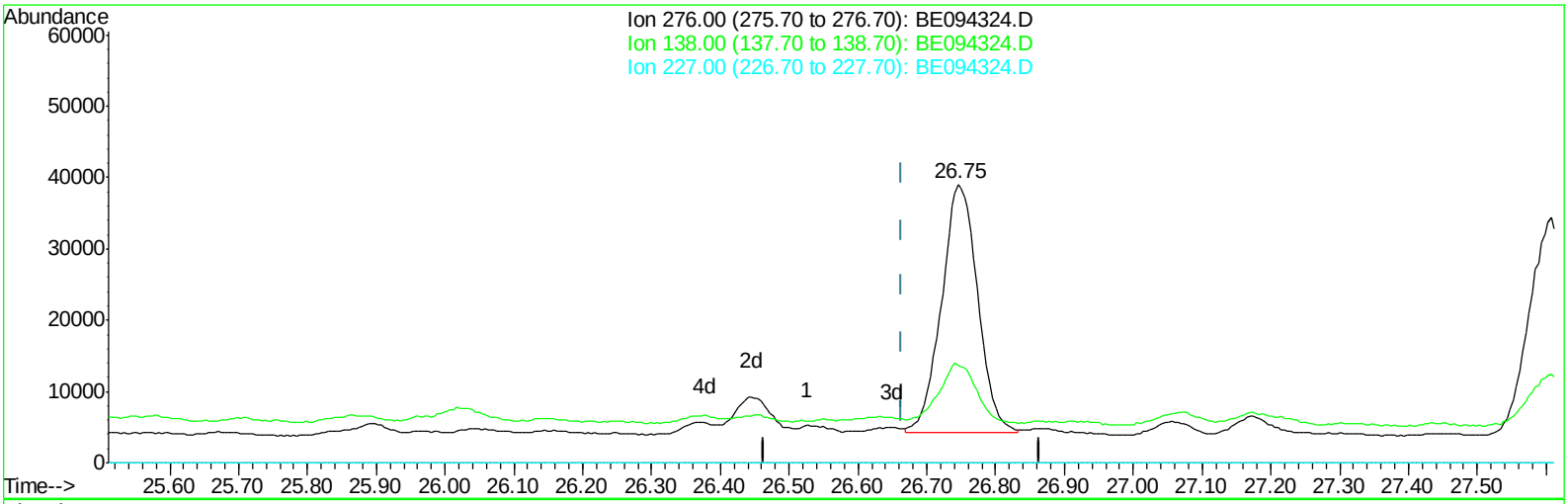
Quantitation Report (Qedit)

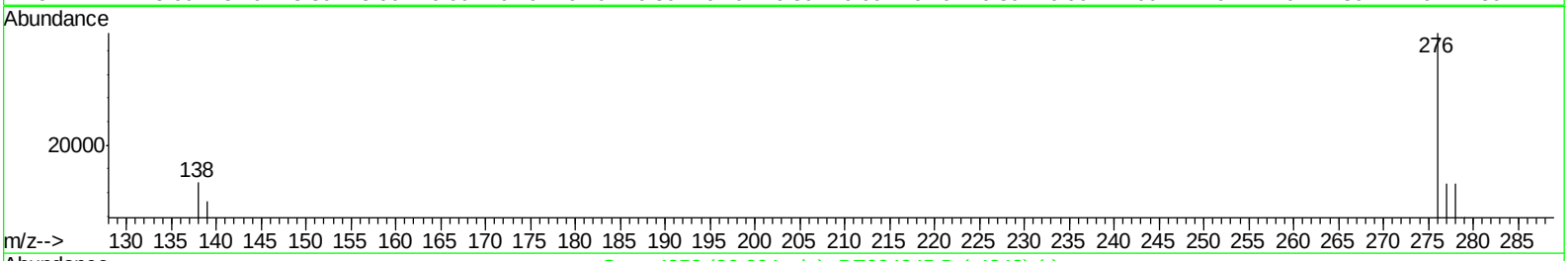
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

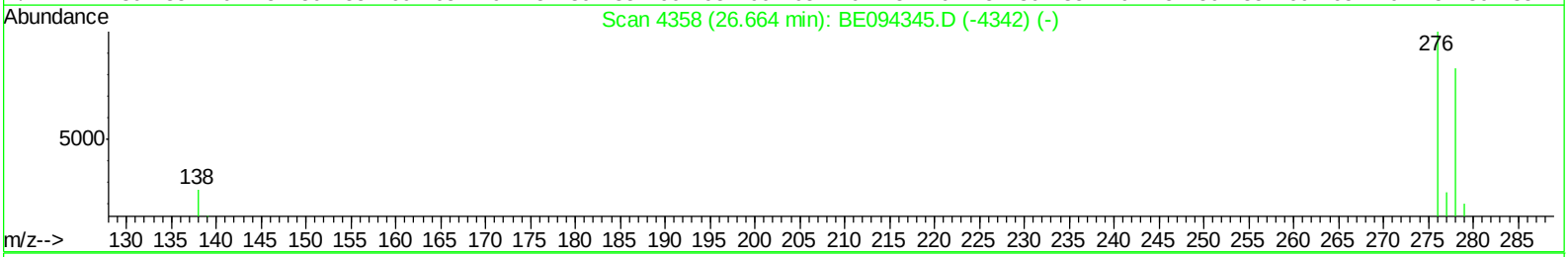
Quant Time: Oct 15 02:40:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

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

26.746min (+0.082) 5.20ng/ul m

response 126722

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.24#
227.00	10.00	0.00#
0.00	0.00	0.00

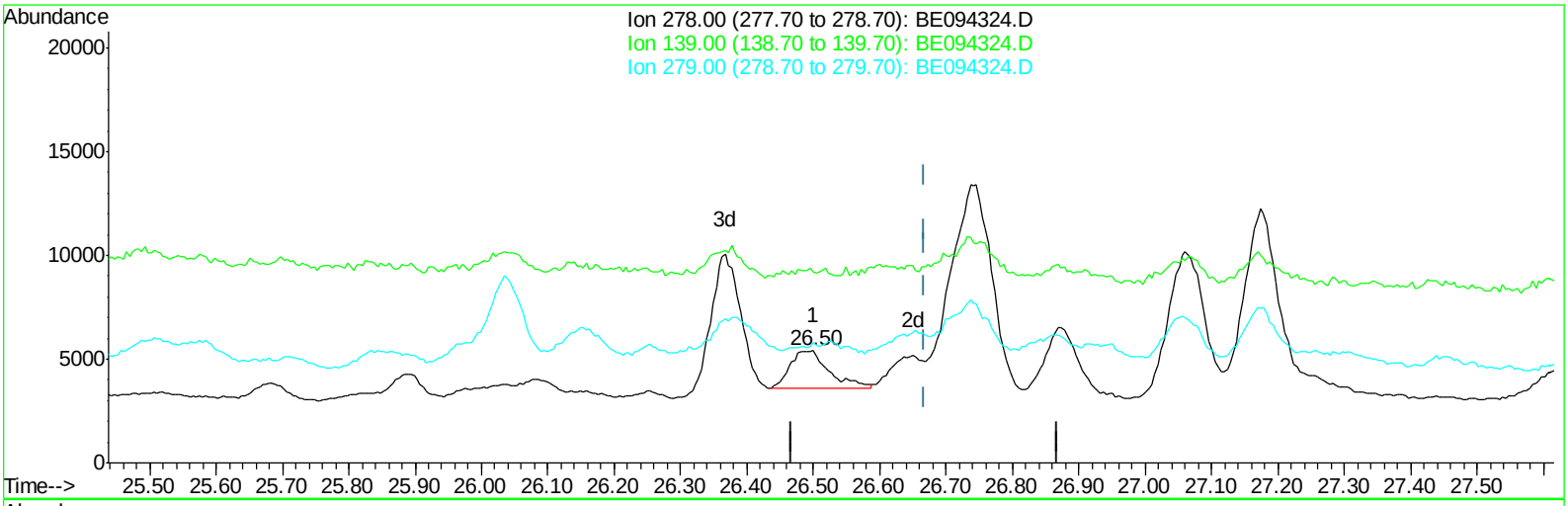
Quantitation Report (Qedit)

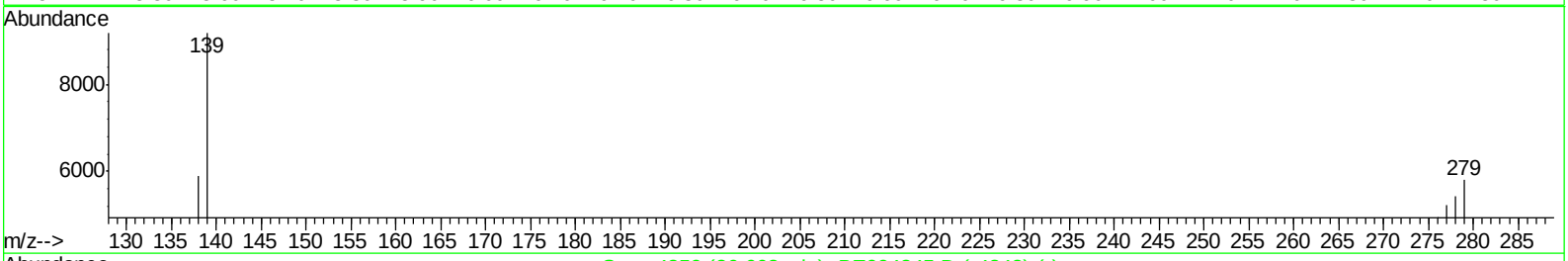
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

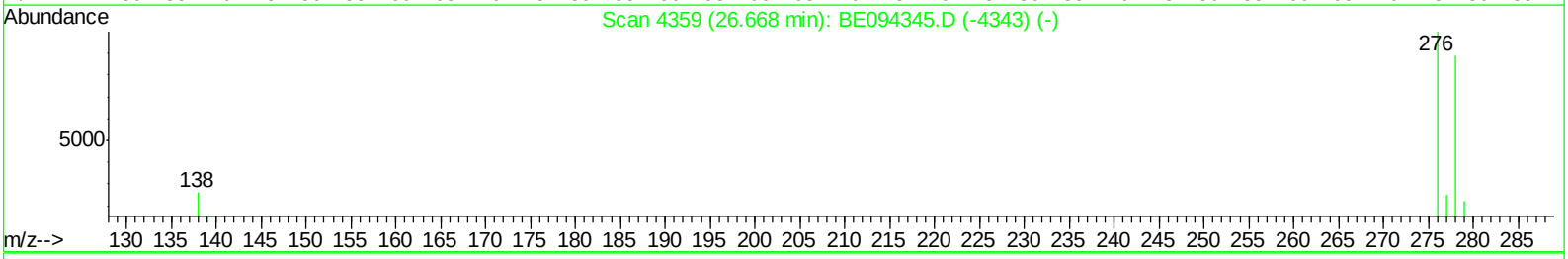
Quant Time: Oct 15 02:40:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

(25) Dibenzo(a,h)anthracene

26.500min (-0.168) 0.37ng/ul

response 7488

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	169.29#
279.00	32.40	106.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
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Misc :
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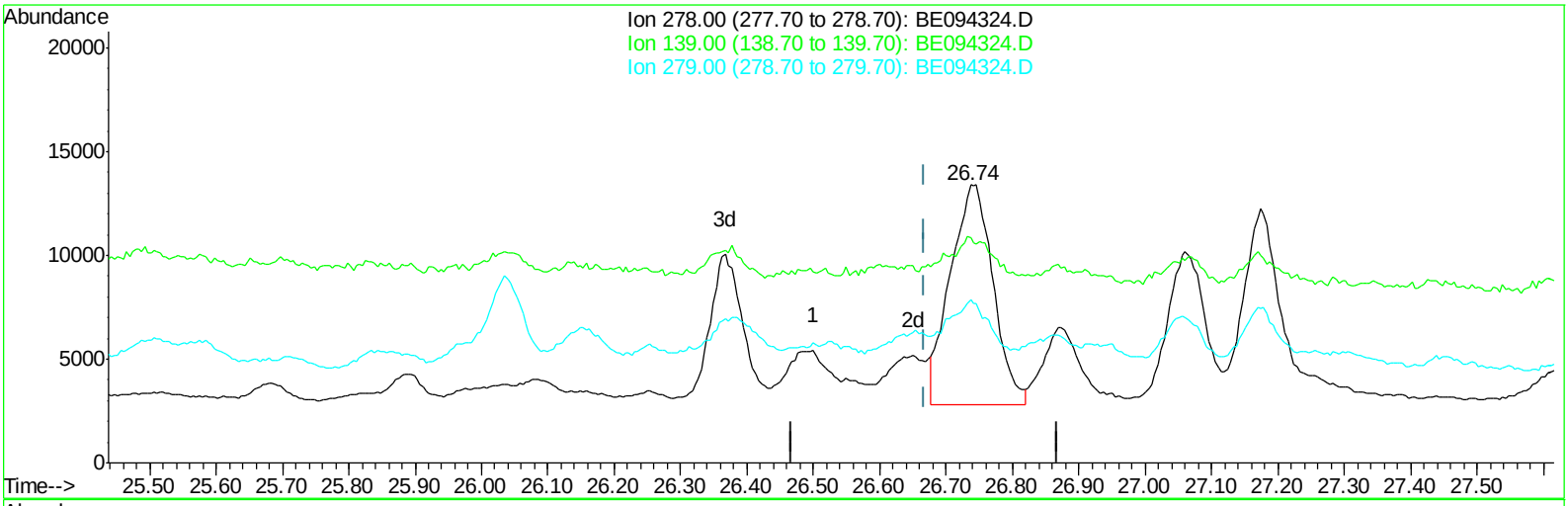
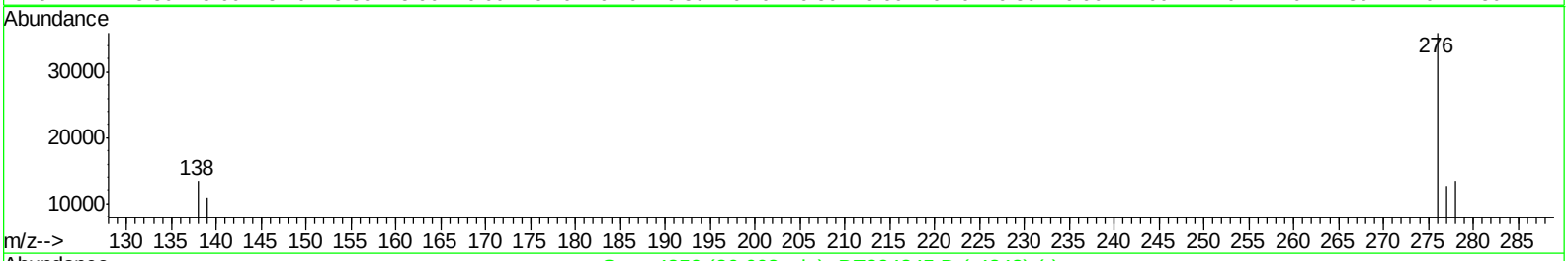
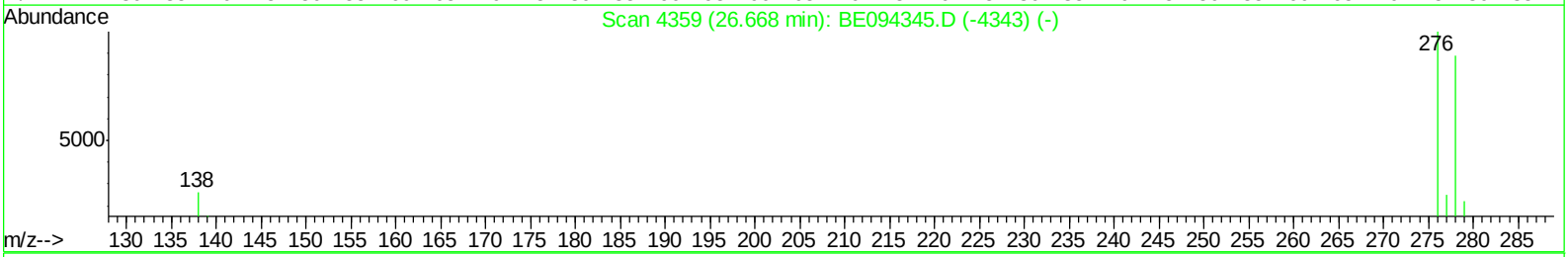
Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

(25) Dibenzo(a,h)anthracene

26.737min (+0.068) 2.31ng/ul m

response 47252

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	80.98#
279.00	32.40	58.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 02:40:53 2017
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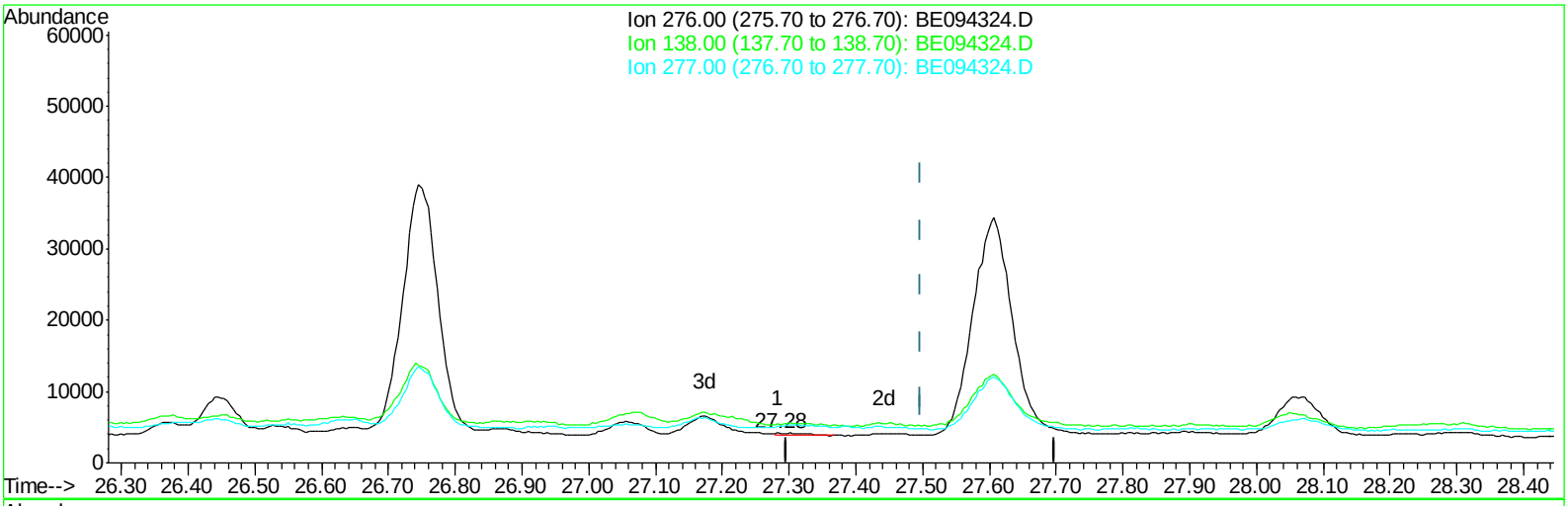
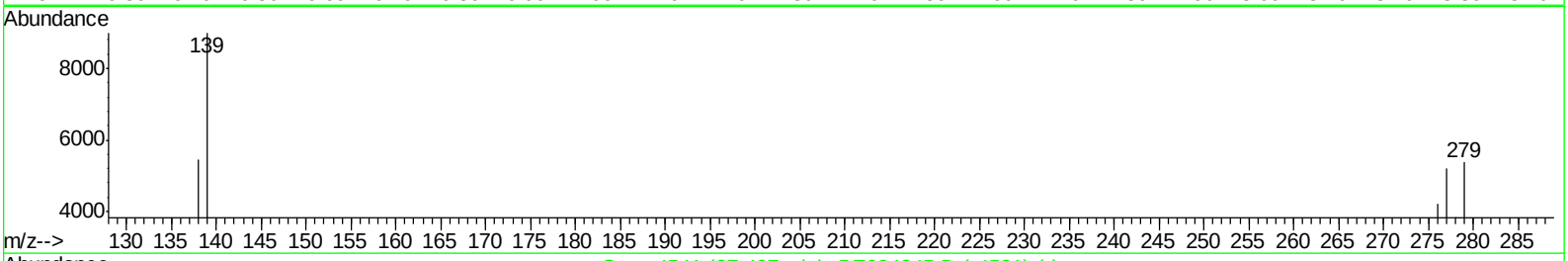
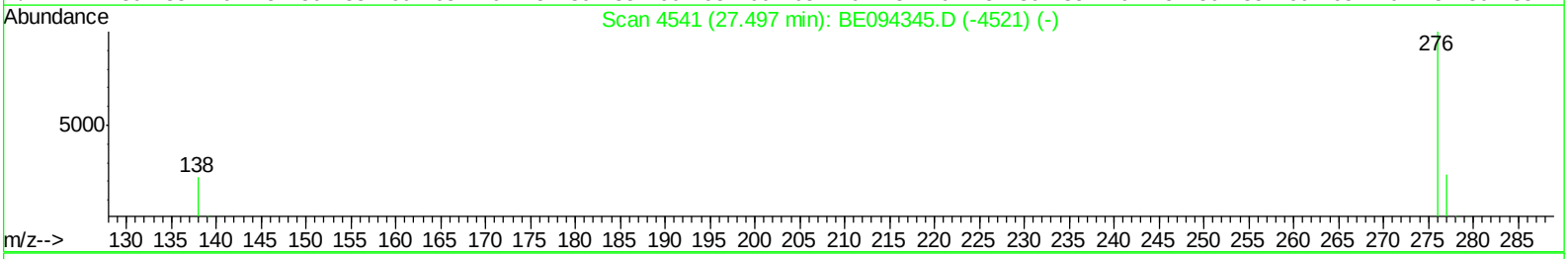
Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

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

27.283min (-0.214) 0.05ng/ul

response 1013

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	130.17#
277.00	25.60	123.96#
0.00	0.00	0.00

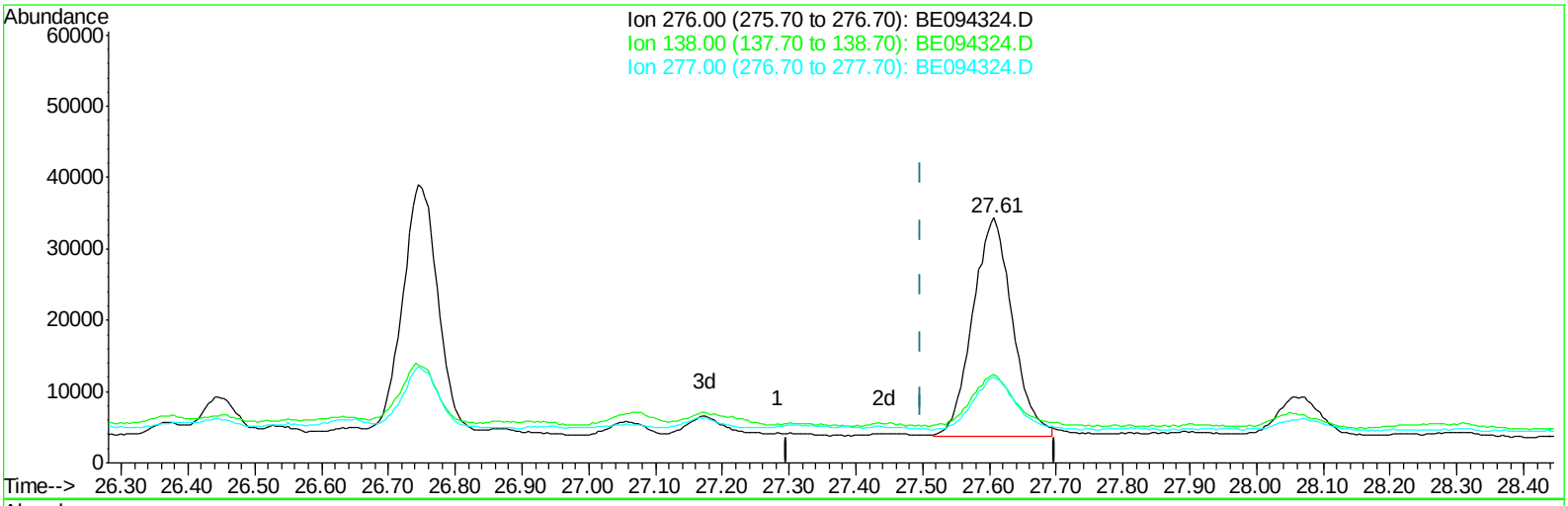
Quantitation Report (Qedit)

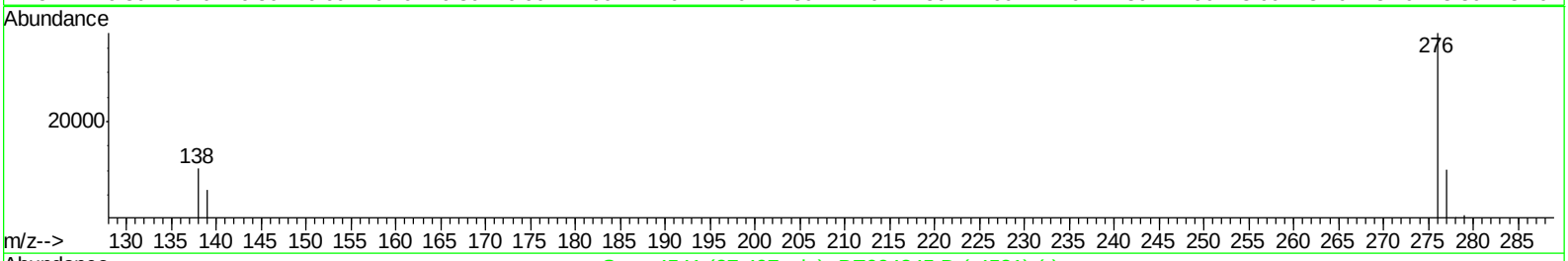
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

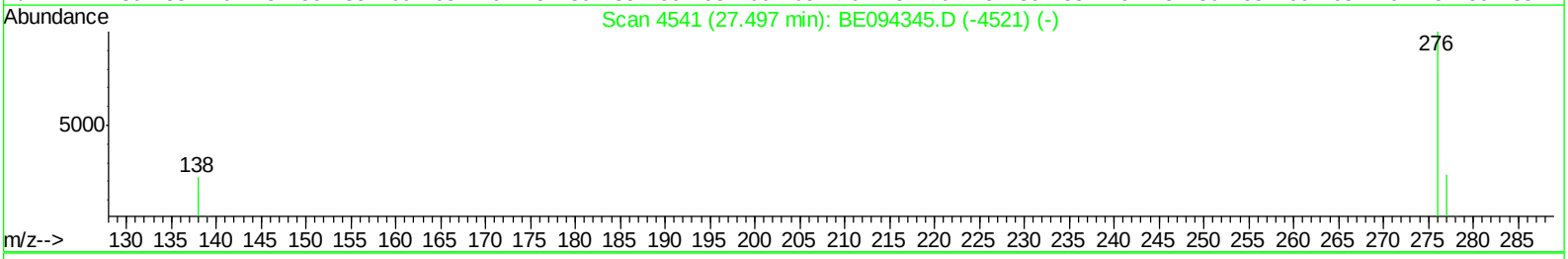
Quant Time: Oct 15 02:40:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM







TIC: BE094324.D

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

27.607min (+0.110) 6.03ng/ul m

response 126763

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	35.94#
277.00	25.60	35.28#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE101317\
Data File : BE094324.D
Acq On : 13 Oct 2017 14:34
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
10/16/2017 8:22:39 PM

Quant Time: Oct 15 02:42:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1699	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8208	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4857	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9301	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9275	0.40	ng/ul	0.00
20) Perylene-d12	24.00	264	8446m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2523	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	5828	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	183848	9.145	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	16558	1.270	ng/ul	98
7) Acenaphthylene	14.26	152	4463	0.236	ng/ul#	89
8) Acenaphthene	14.60	153	10445	0.670	ng/ul	98
9) Fluorene	15.58	166	8149	0.446	ng/ul	93
12) Phenanthrene	17.31	178	169087	6.957	ng/ul#	92
13) Anthracene	17.40	178	40543	1.715	ng/ul#	92
15) Fluoranthene	19.32	202	351288	11.000	ng/ul	84
17) Pyrene	19.69	202	318929	12.359	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	190622	7.747	ng/ul#	92
19) Chrysene	21.48	228	256690	9.034	ng/ul#	91
21) Benzo(b)fluoranthene	23.22	252	270899	11.807	ng/ul	86
22) Benzo(k)fluoranthene	23.26	252	96288m	3.631	ng/ul	
23) Benzo(a)pyrene	23.89	252	185123m	7.765	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.75	276	126722m	5.196	ng/ul	
25) Dibenzo(a,h)anthracene	26.74	278	47252m	2.310	ng/ul	
26) Benzo(g,h,i)perylene	27.61	276	126763m	6.026	ng/ul	

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

Quantitation Report (QT Reviewed)

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