

Quantitation Report (QT Reviewed)

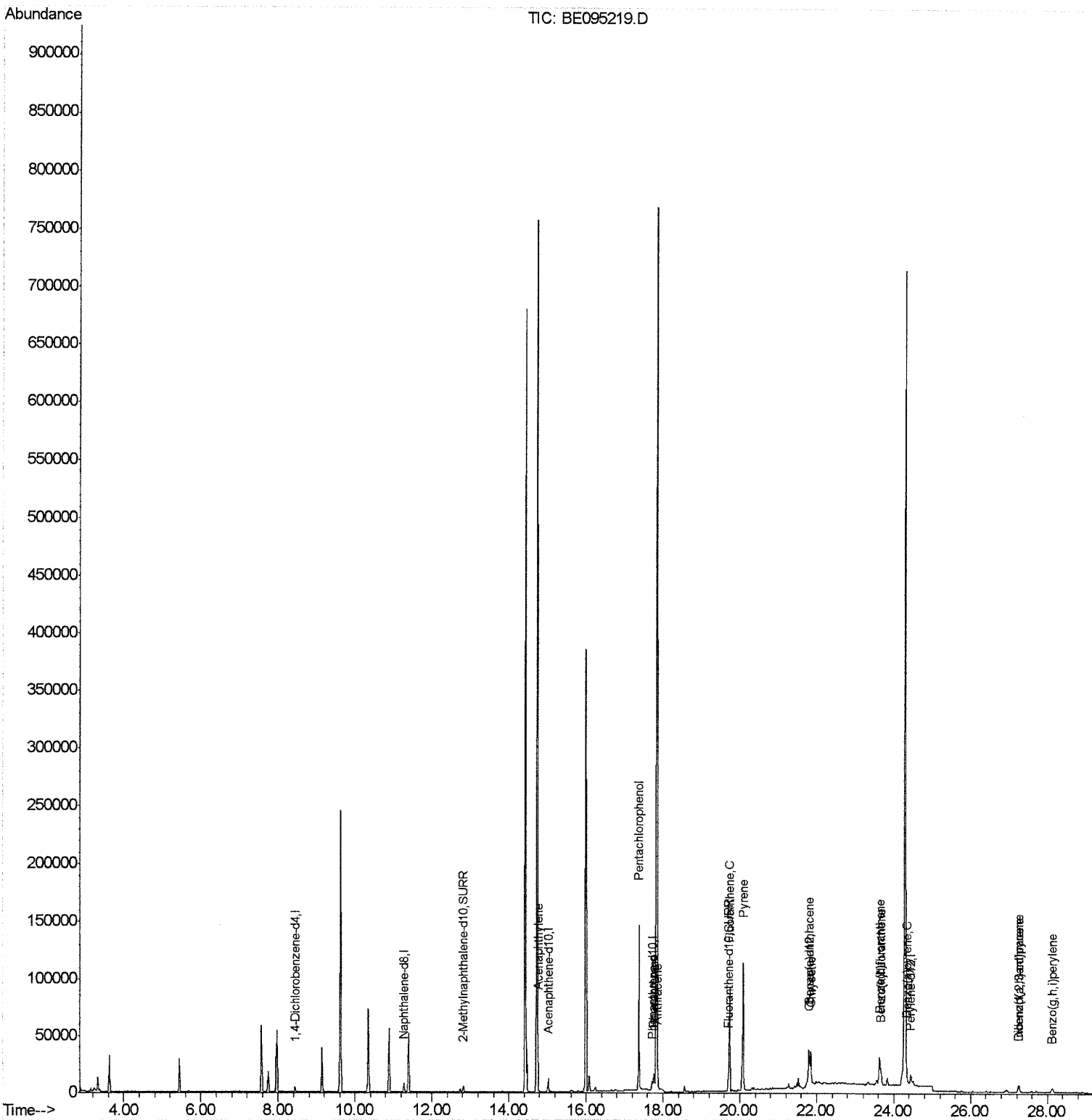
Instrument :
BNA_E
ClientSampleId :
F6A63

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:41 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095219.D
Acq On : 28 Jan 2018 22:32
Operator : SJ/JU
Sample : J1221-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 29 07:55:32 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 Jan 29 06:58:46 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

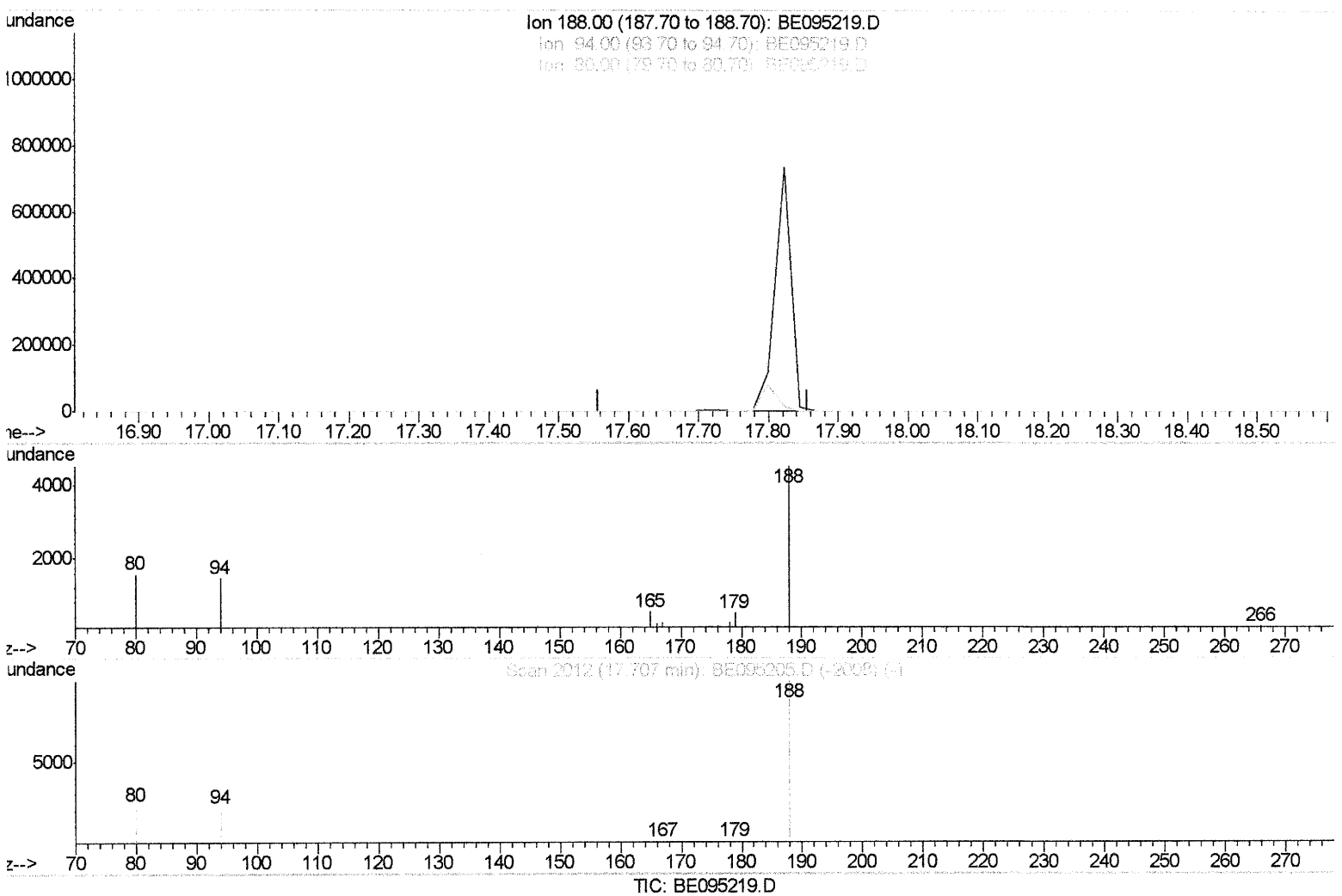
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095219.D
 Acq On : 28 Jan 2018 22:32
 Operator : SJ/JU
 Sample : J1221-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A63

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:25:41 PM

Quant Time: Jan 29 07:00:36 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 Jan 29 06:58:46 2018
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(10) Phenanthrene-d10 (I)

17.707min (-17.707) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.00	0.00#
80.00	11.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

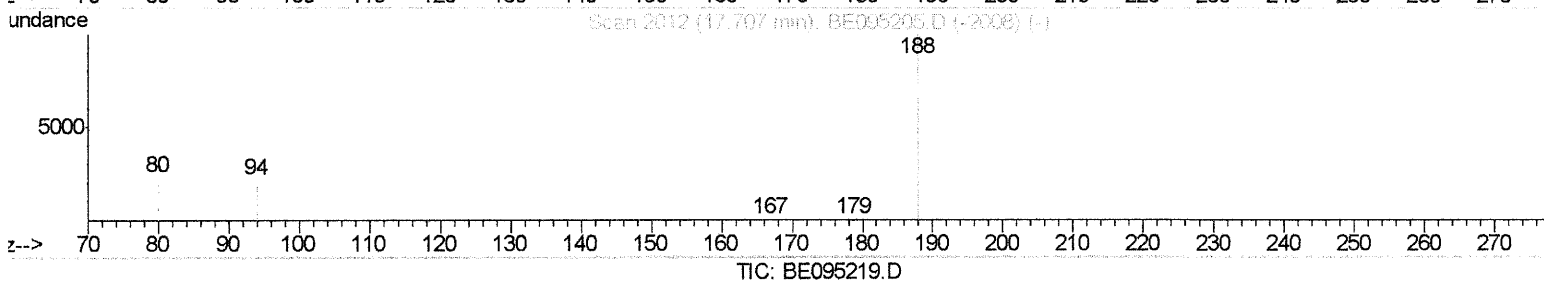
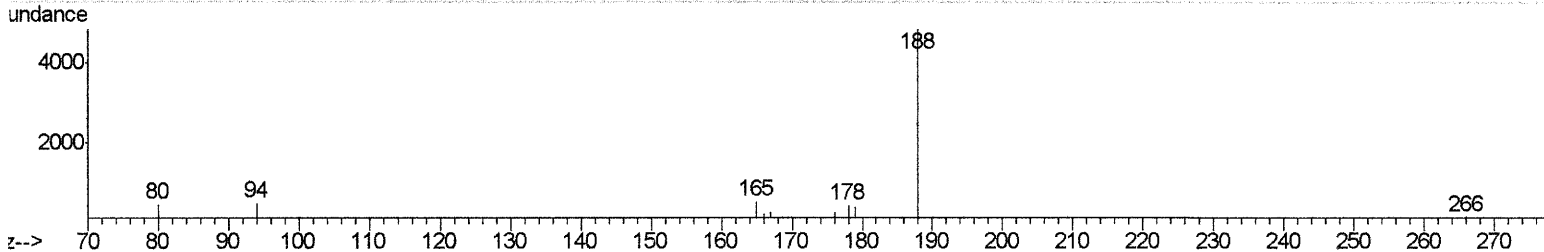
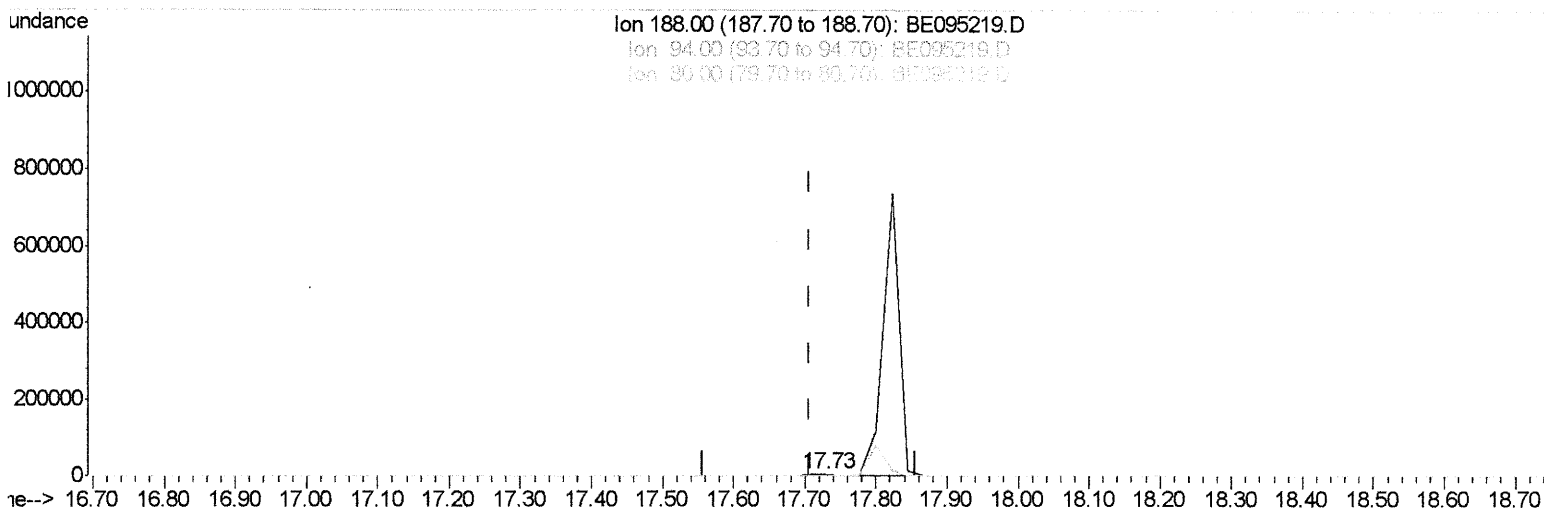
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095219.D
 Acq On : 28 Jan 2018 22:32
 Operator : SJ/JU
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(10) Phenanthrene-d10 (I)

17.730min (+0.023) 0.40ng/ul m

5/1/31/18

response 13138

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.57
80.00	11.80	8.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

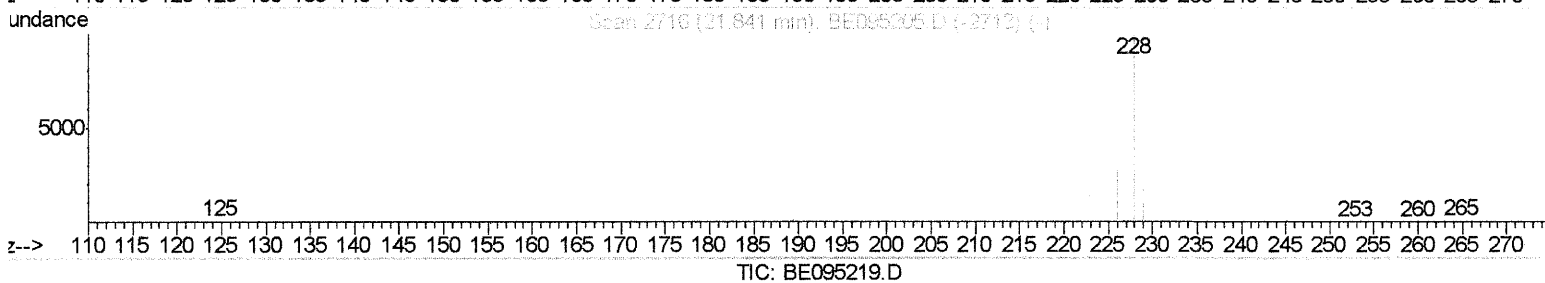
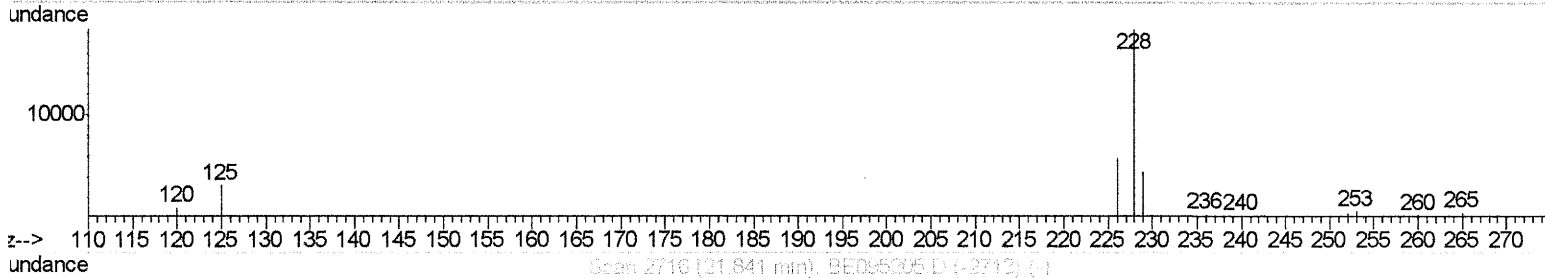
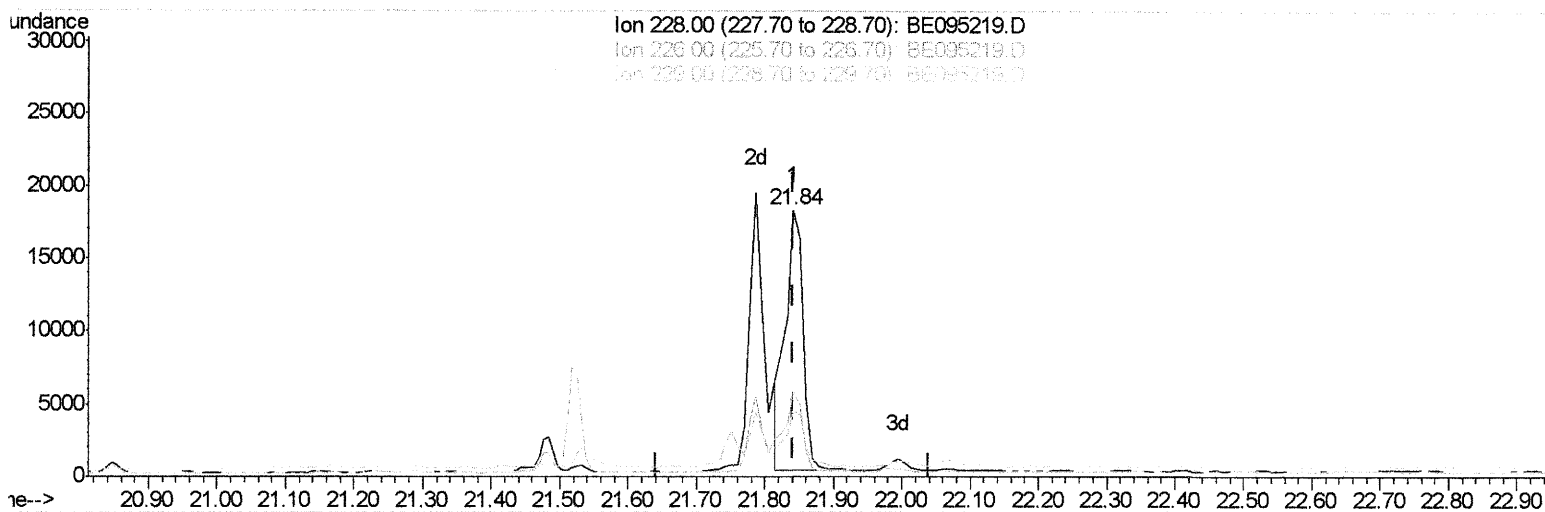
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095219.D
 Acq On : 28 Jan 2018 22:32
 Operator : SJ/JU
 Sample : J1221-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jan 29 07:44:16 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(19) Chrysene

21.841min (+0.001) 0.75ng/ul

response 32163

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.03
229.00	22.10	24.68
0.00	0.00	0.00

Quantitation Report (Qedit)

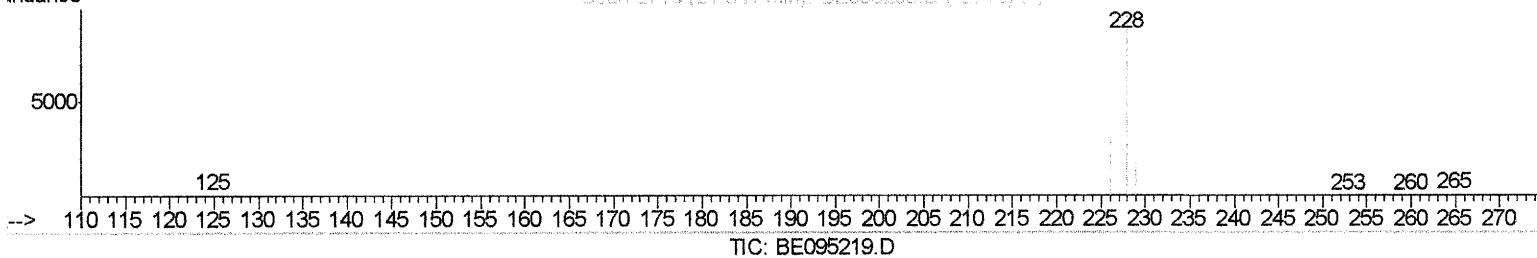
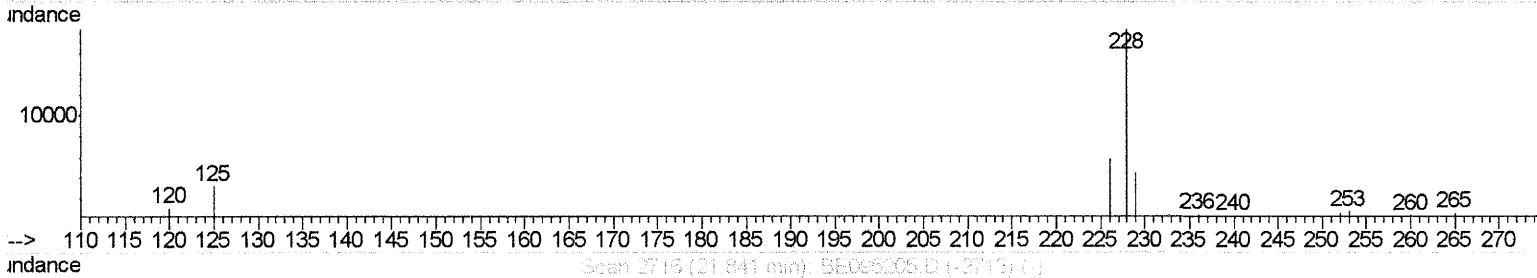
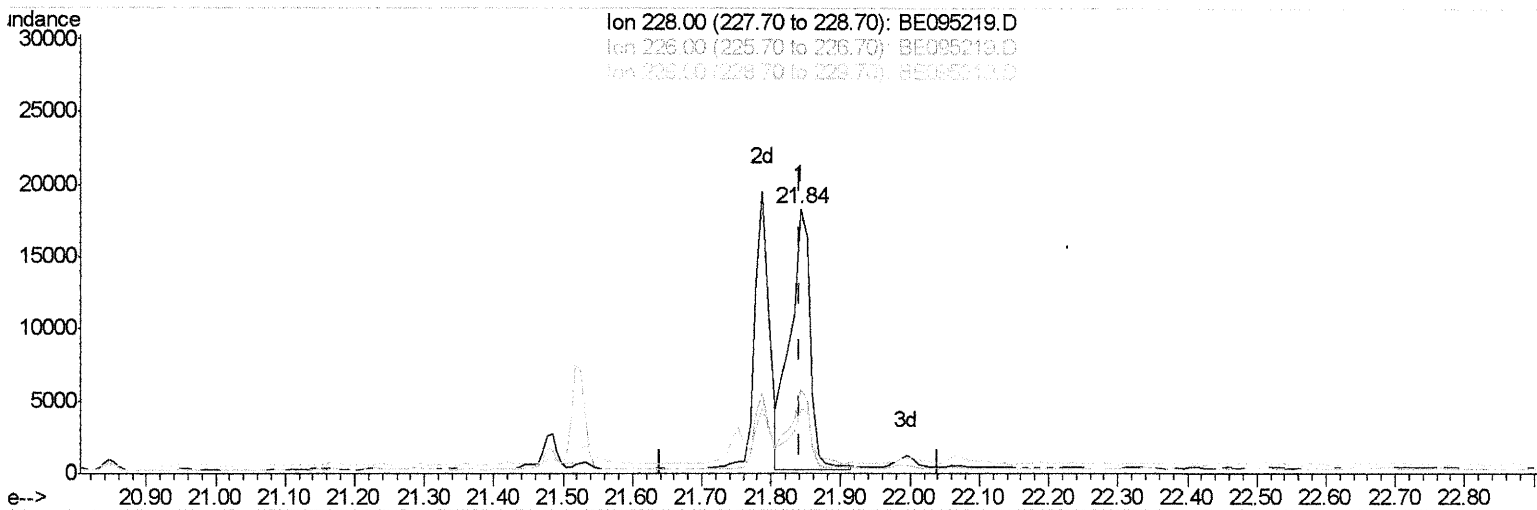
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095219.D
 Acq On : 28 Jan 2018 22:32
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Instrument :
 BNA_E
 ClientSampled :
 F6A63

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(19) Chrysene

21.841min (+0.001) 0.85ng/ul m

501/31/18

response 36215

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.03
229.00	22.10	24.68
0.00	0.00	0.00

Quantitation Report (Qedit)

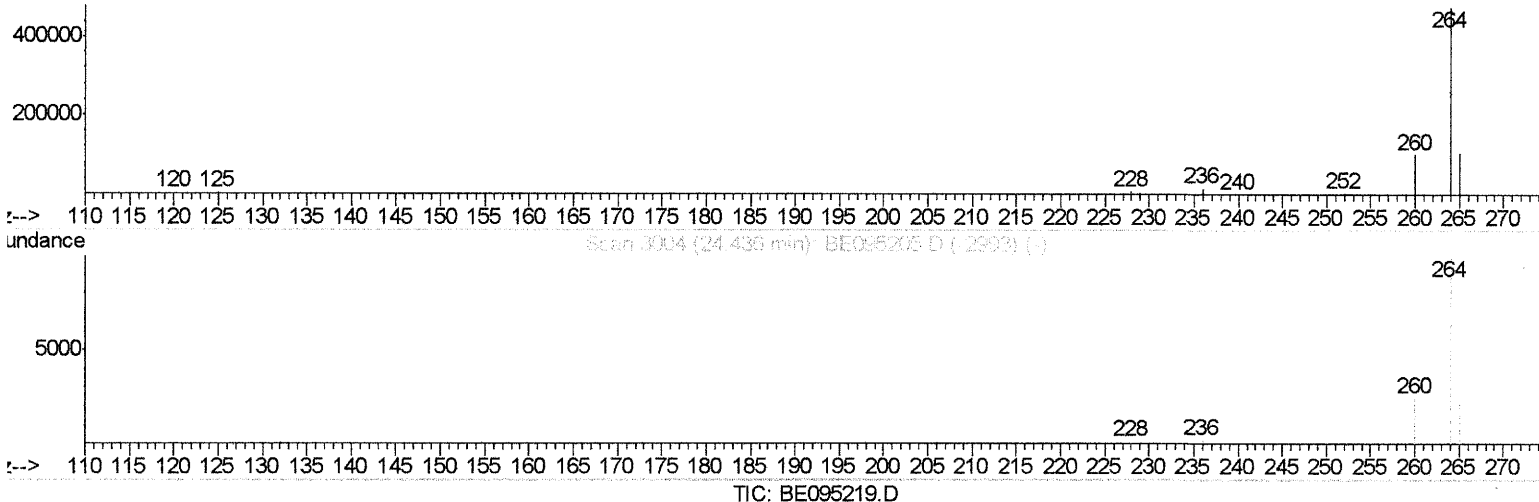
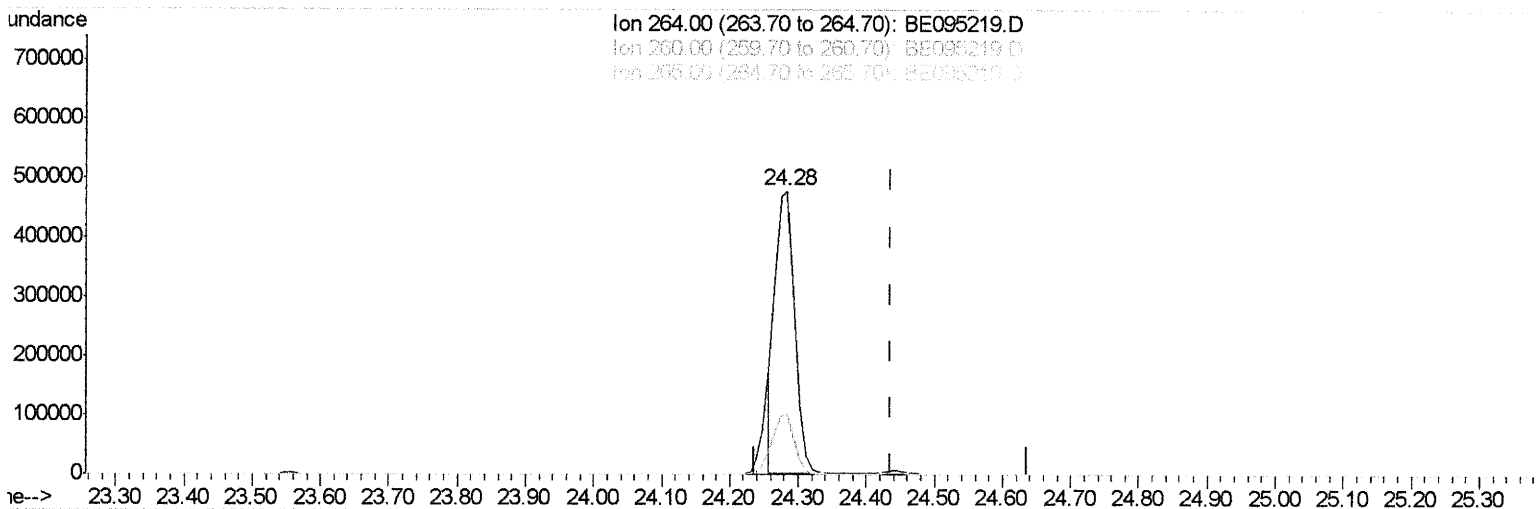
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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(20) Perylene-d12 (I)

24.284min (-0.153) 0.40ng/ul

response 940830

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.21#
265.00	103.50	21.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

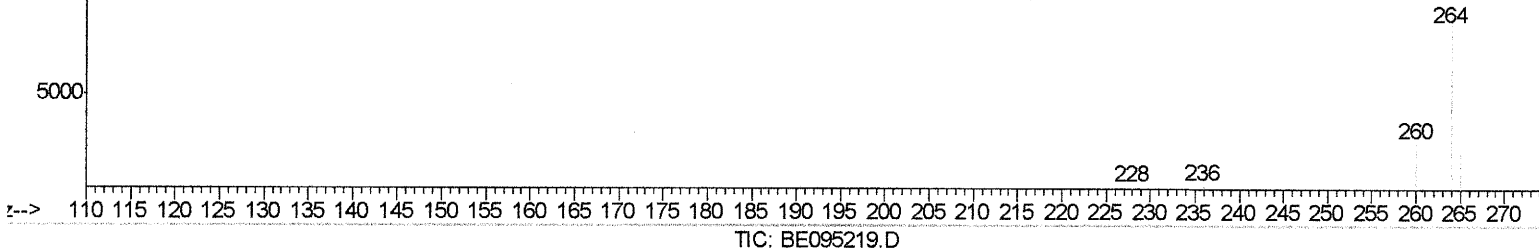
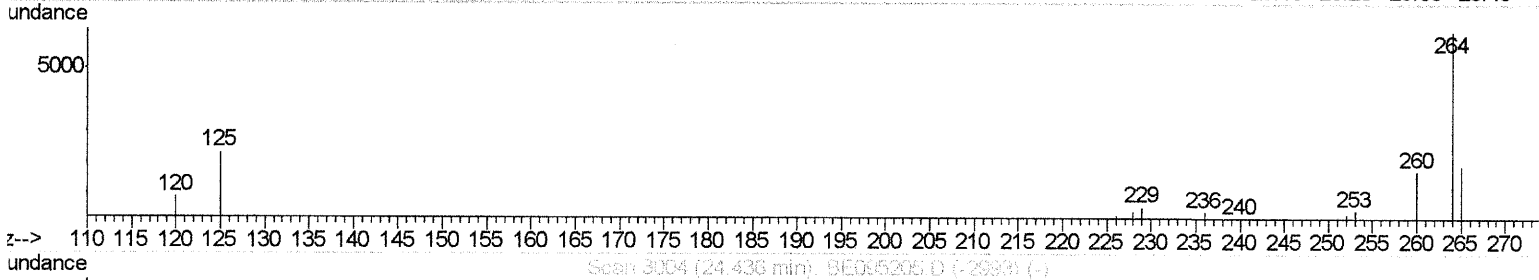
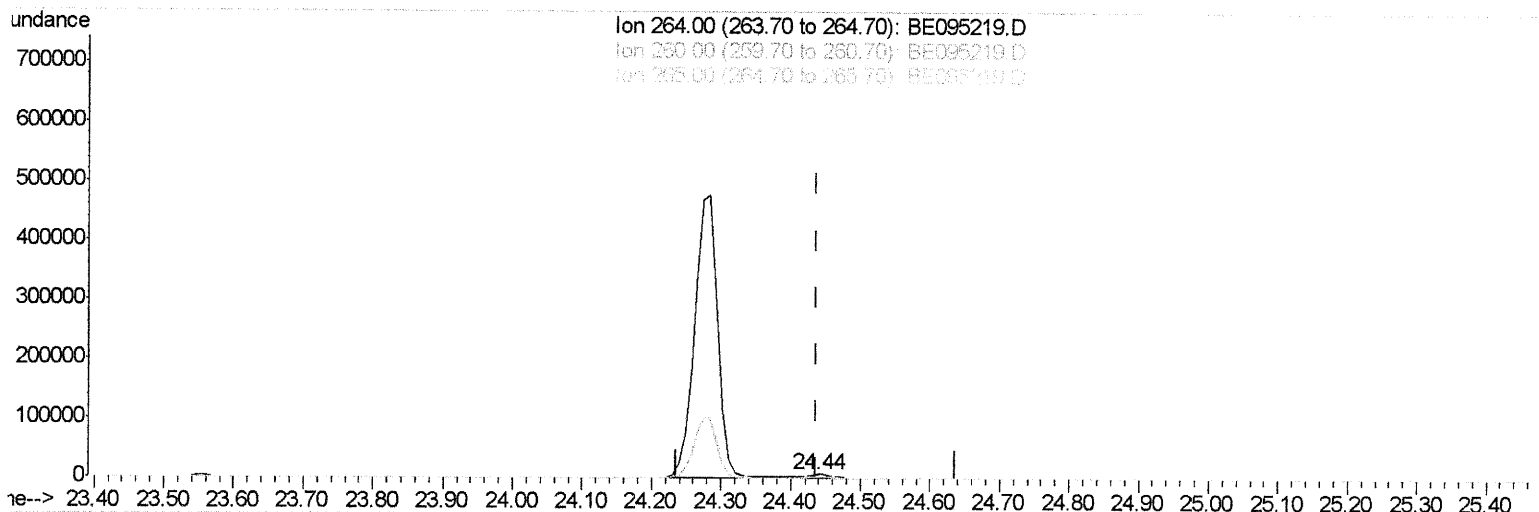
Instrument :
BNA_E
ClientSampleId :
F6A63

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:41 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095219.D
Acq On : 28 Jan 2018 22:32
Operator : SJ/JU
Sample : J1221-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 29 07:44:16 2018
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(20) Perylene-d12 (I)

24.437min (+0.001) 0.40ng/ul m

SJ/31/18

response 12158

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.83
265.00	103.50	30.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

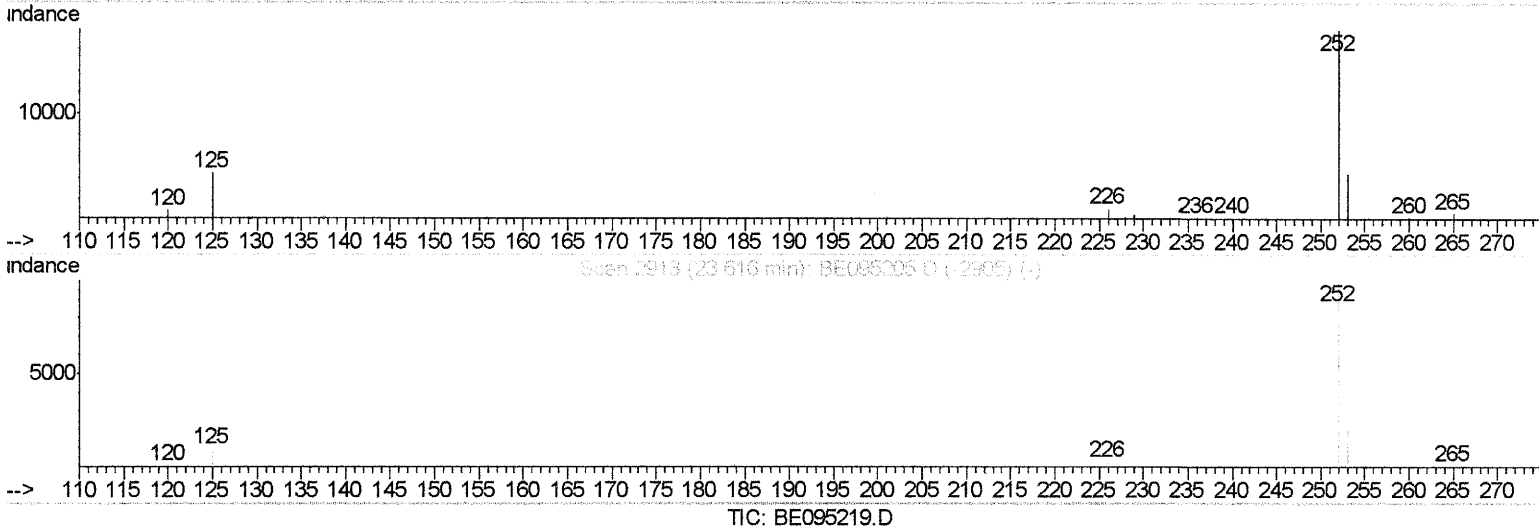
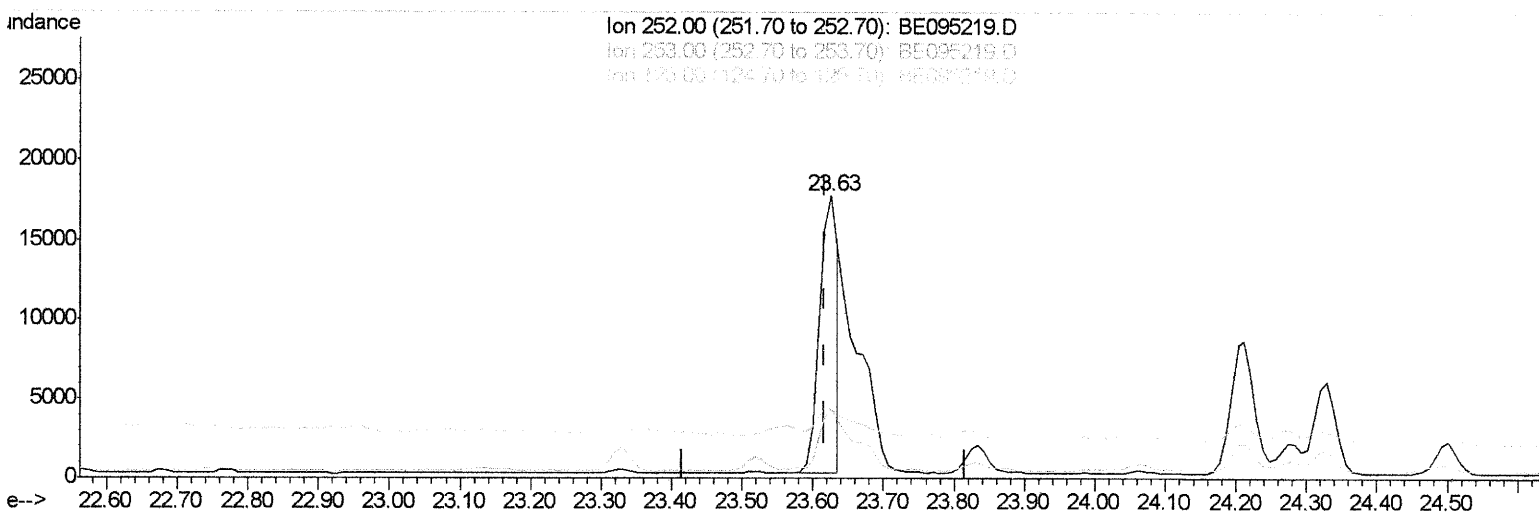
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095219.D
 Acq On : 28 Jan 2018 22:32
 Operator : SJ/JU
 Sample : J1221-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 F6A63

Manual Integrations
 APPROVED

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(21) Benzo(b)fluoranthene

23.626min (+0.010) 0.75ng/ul

response 32032

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.96
125.00	17.50	24.80
0.00	0.00	0.00

Quantitation Report (Qedit)

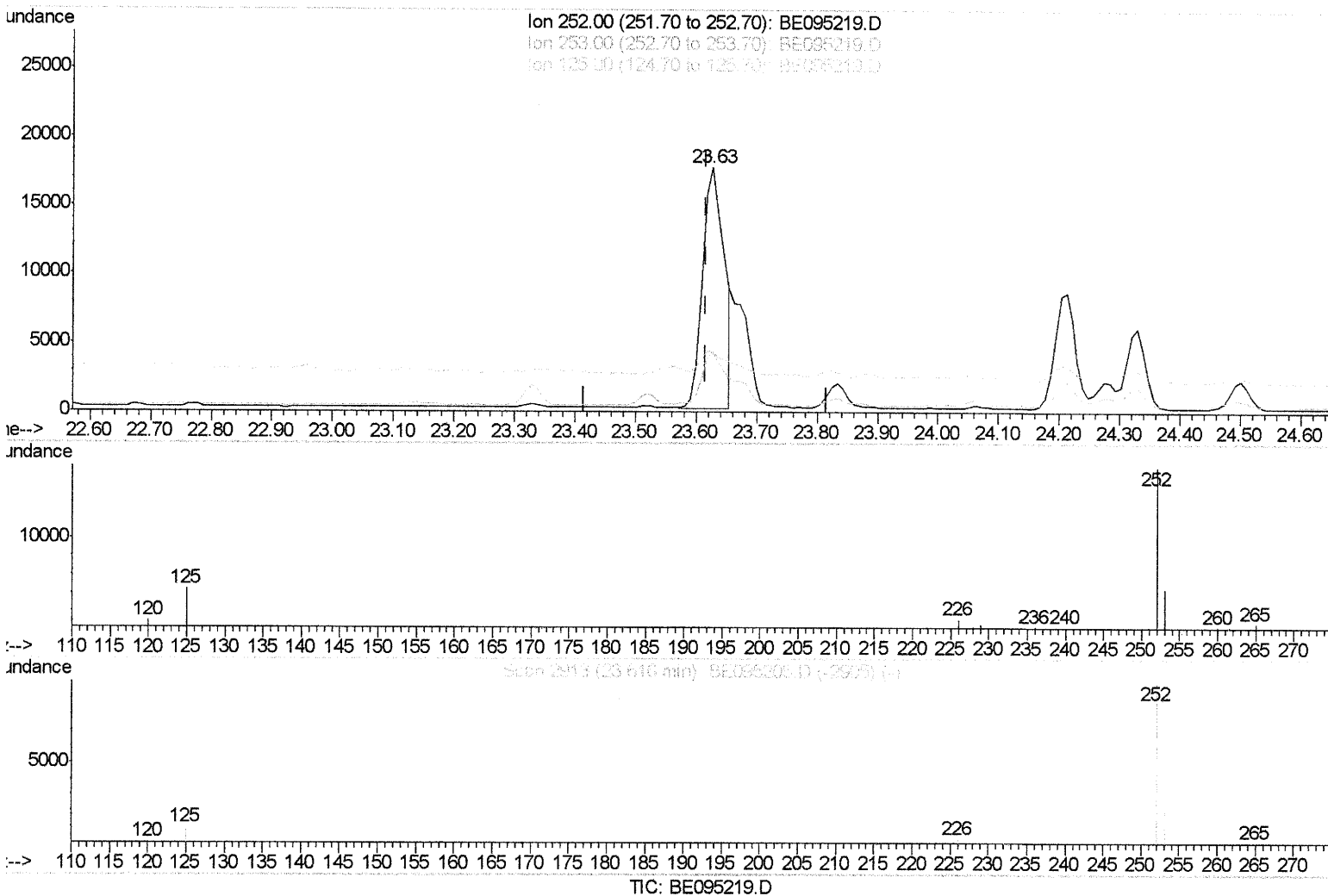
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095219.D
 Acq On : 28 Jan 2018 22:32
 Operator : SJ/JU
 Sample : J1221-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 F6A63

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:25:41 PM

Quant Time: Jan 29 07:52:30 2018
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(21) Benzo(b)fluoranthene

23.626min (+0.010) 1.01ng/ul m

9/1/31/18

response 43264

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.96
125.00	17.50	24.80
0.00	0.00	0.00

Quantitation Report (Qedit)

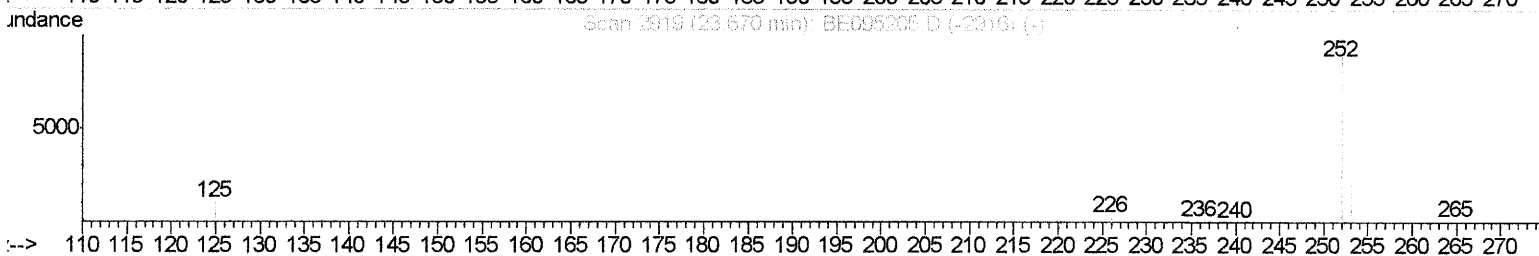
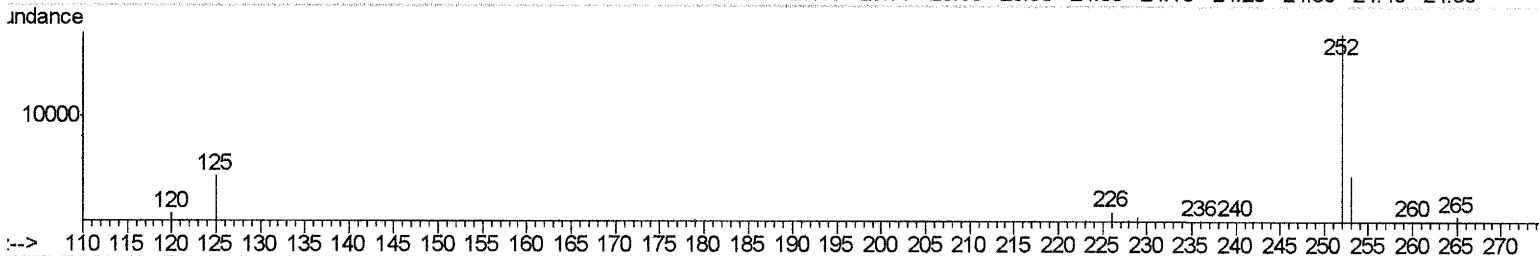
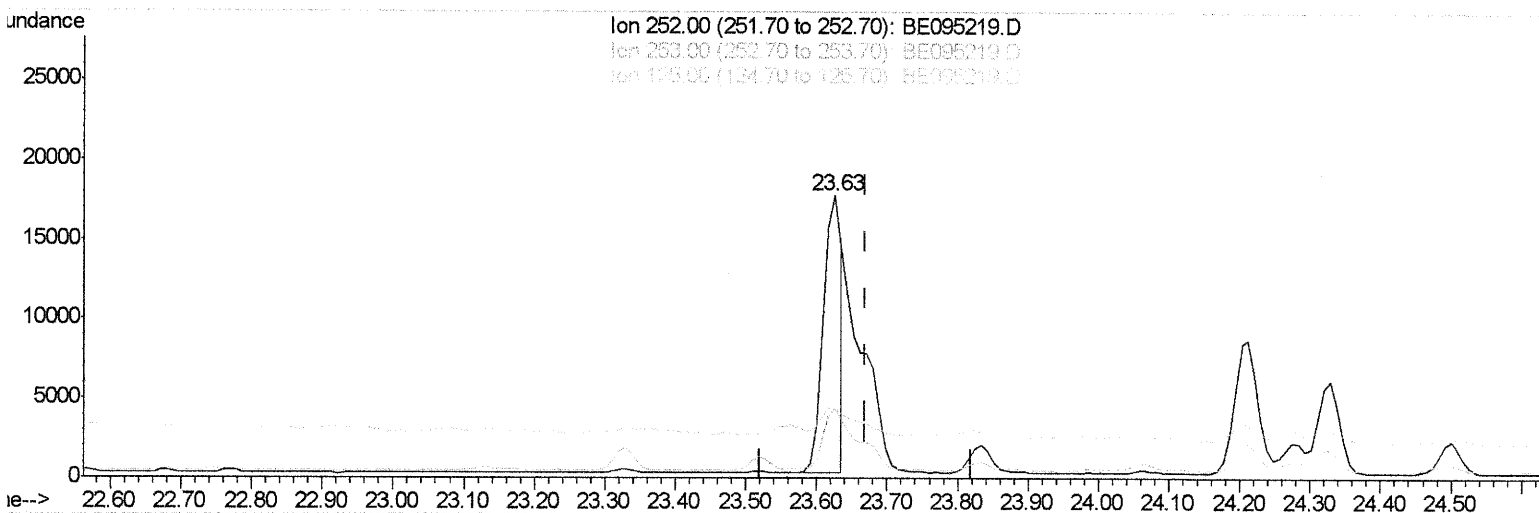
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095219.D
 Acq On : 28 Jan 2018 22:32
 Operator : SJ/JU
 Sample : J1221-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 F6A63

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:25:41 PM

Quant Time: Jan 29 07:52:30 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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 Response via : Initial Calibration



TIC: BE095219.D

(22) Benzo(k)fluoranthene

23.626min (-0.044) 0.82ng/ul

response 32032

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.96
125.00	17.10	24.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

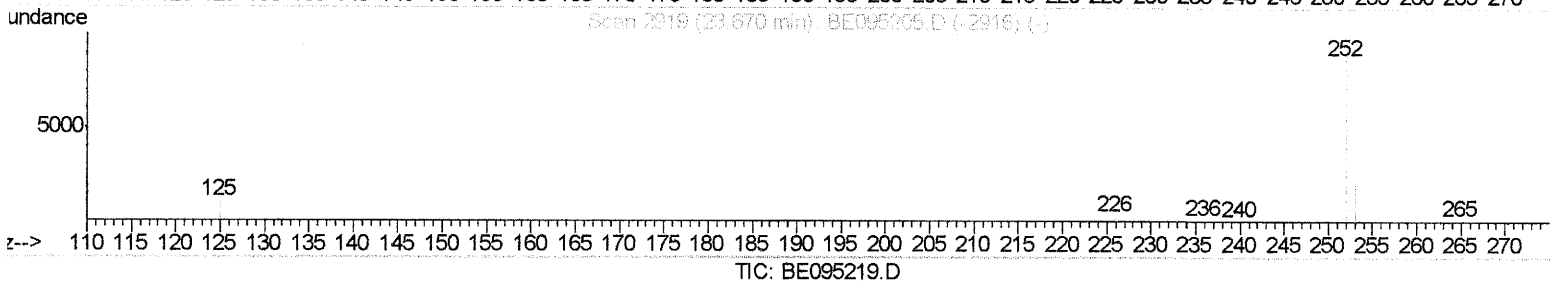
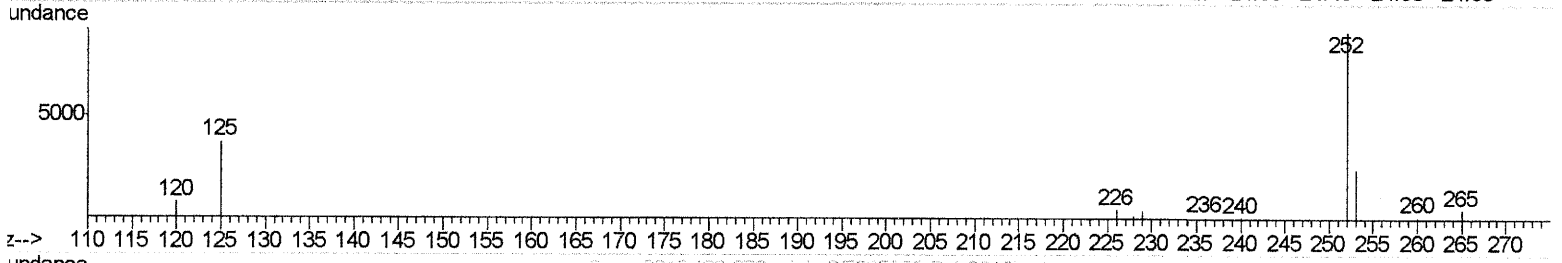
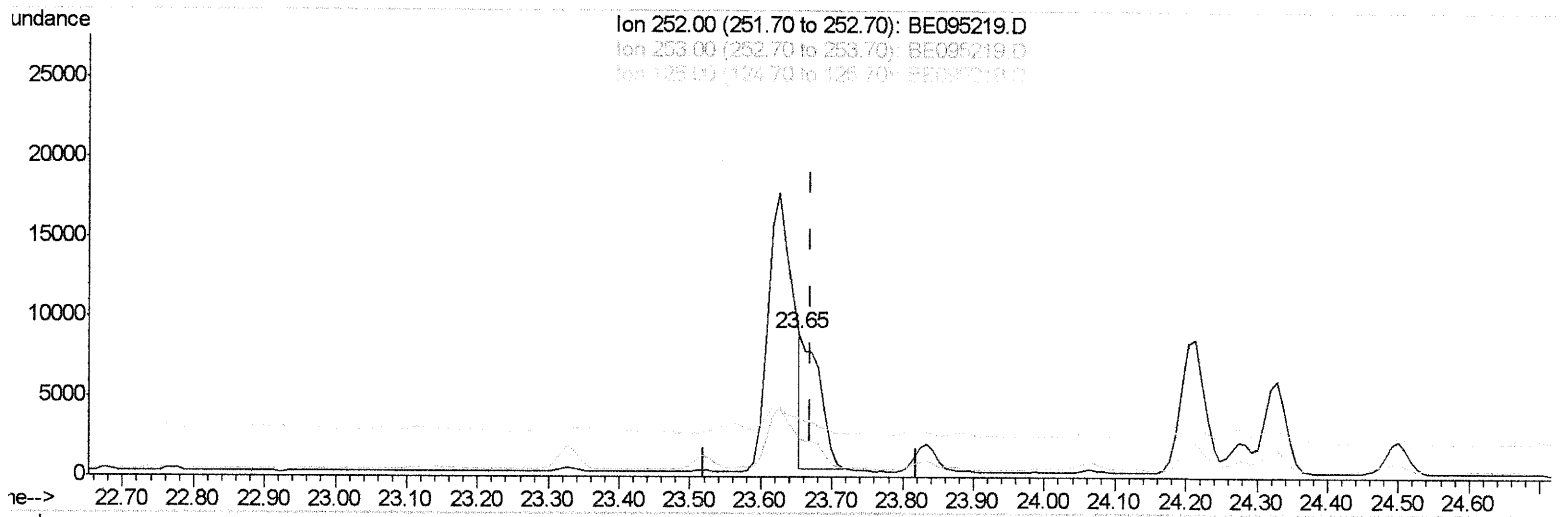
Instrument :
BNA_E
Client Sample ID :
F6A63

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:41 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095219.D
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Operator : SJ/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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(22) Benzo(k)fluoranthene

23.653min (-0.017) 0.37ng/ul m

response 14503

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.97
125.00	17.10	41.35#
0.00	0.00	0.00

951/31/18

Quantitation Report (Qedit)

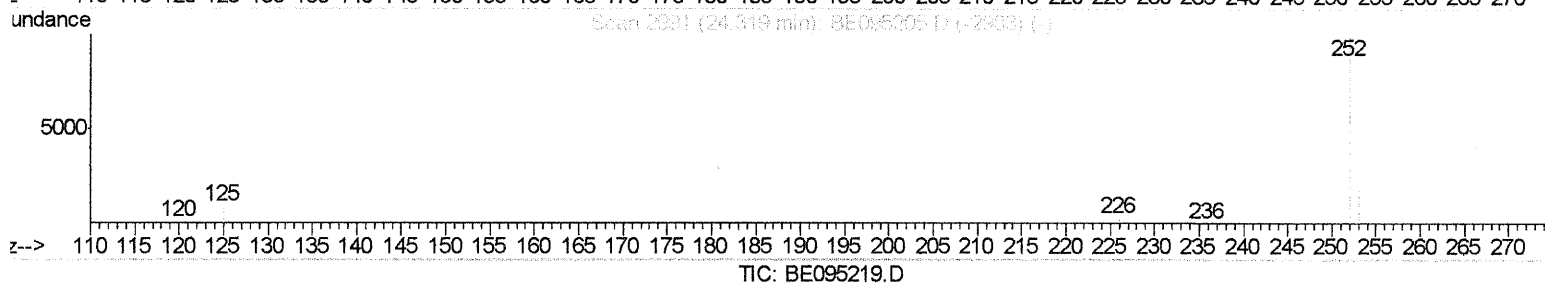
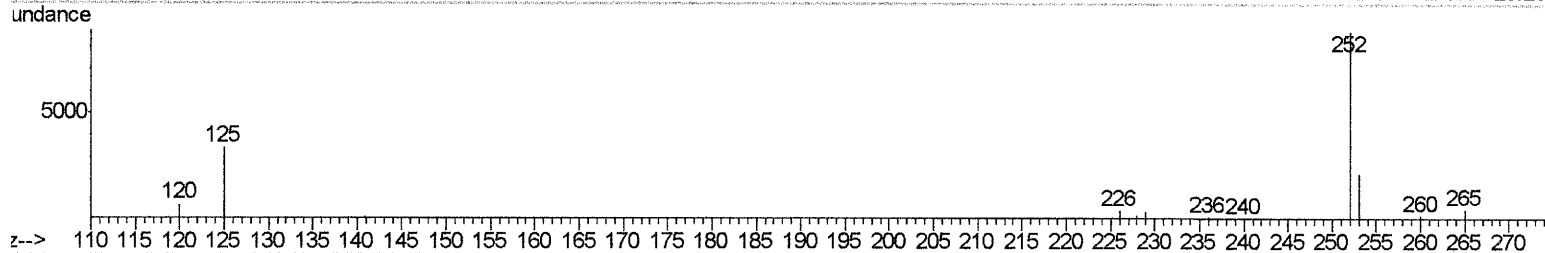
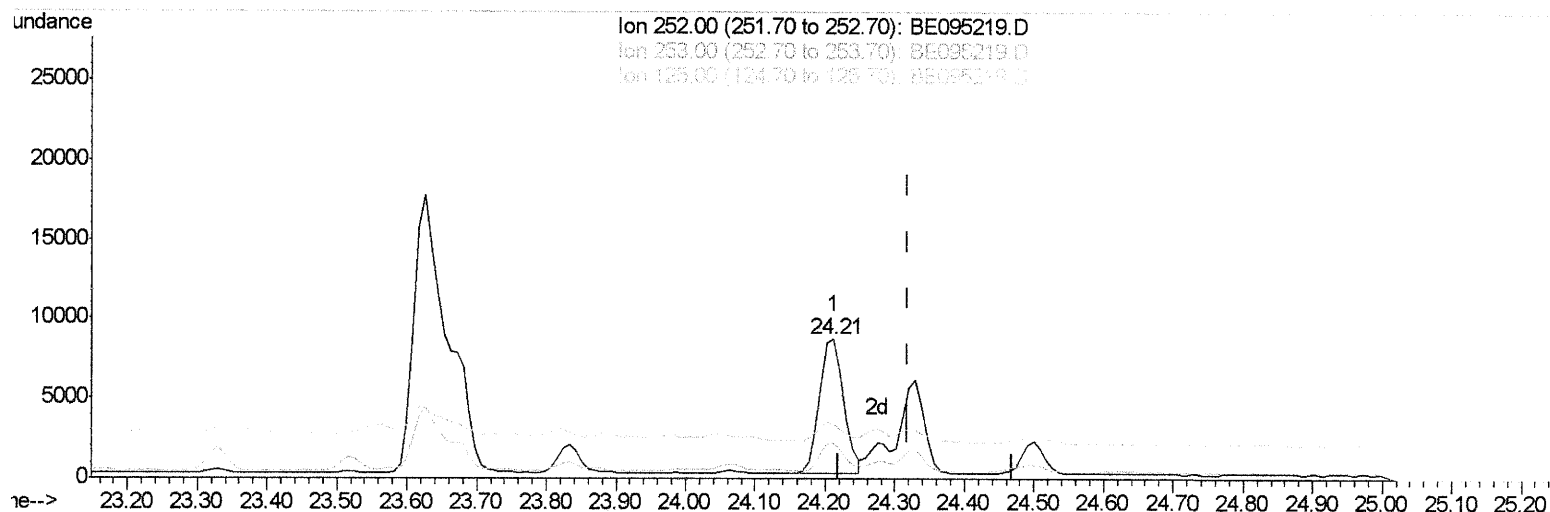
Instrument :
BNA_E
ClientSampleId :
F6A63

Manual Integrations
APPROVED

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Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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(23) Benzo(a)pyrene (C)

24.211min (-0.108) 0.53ng/ul

response 20365

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	26.01#
125.00	22.60	39.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :

BNA_E

Client Sample ID :

F6A63

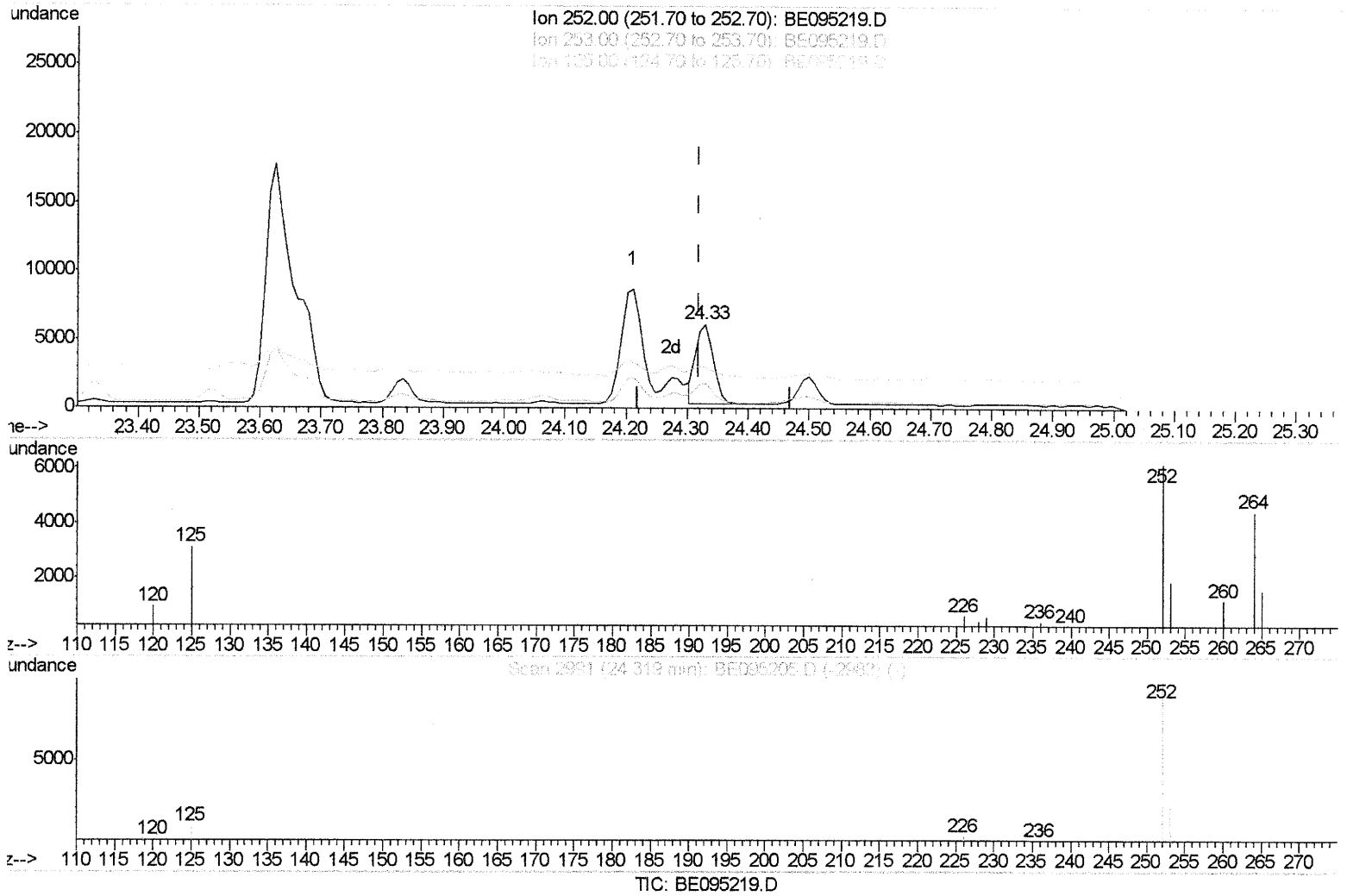
Manual Integrations
APPROVED

Sohil

1/29/2018 6:25:41 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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(23) Benzo(a)pyrene (C)

24.329min (+0.010) 0.31ng/ul m

50 1/31/18

response 11884

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	30.57
125.00	22.60	50.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

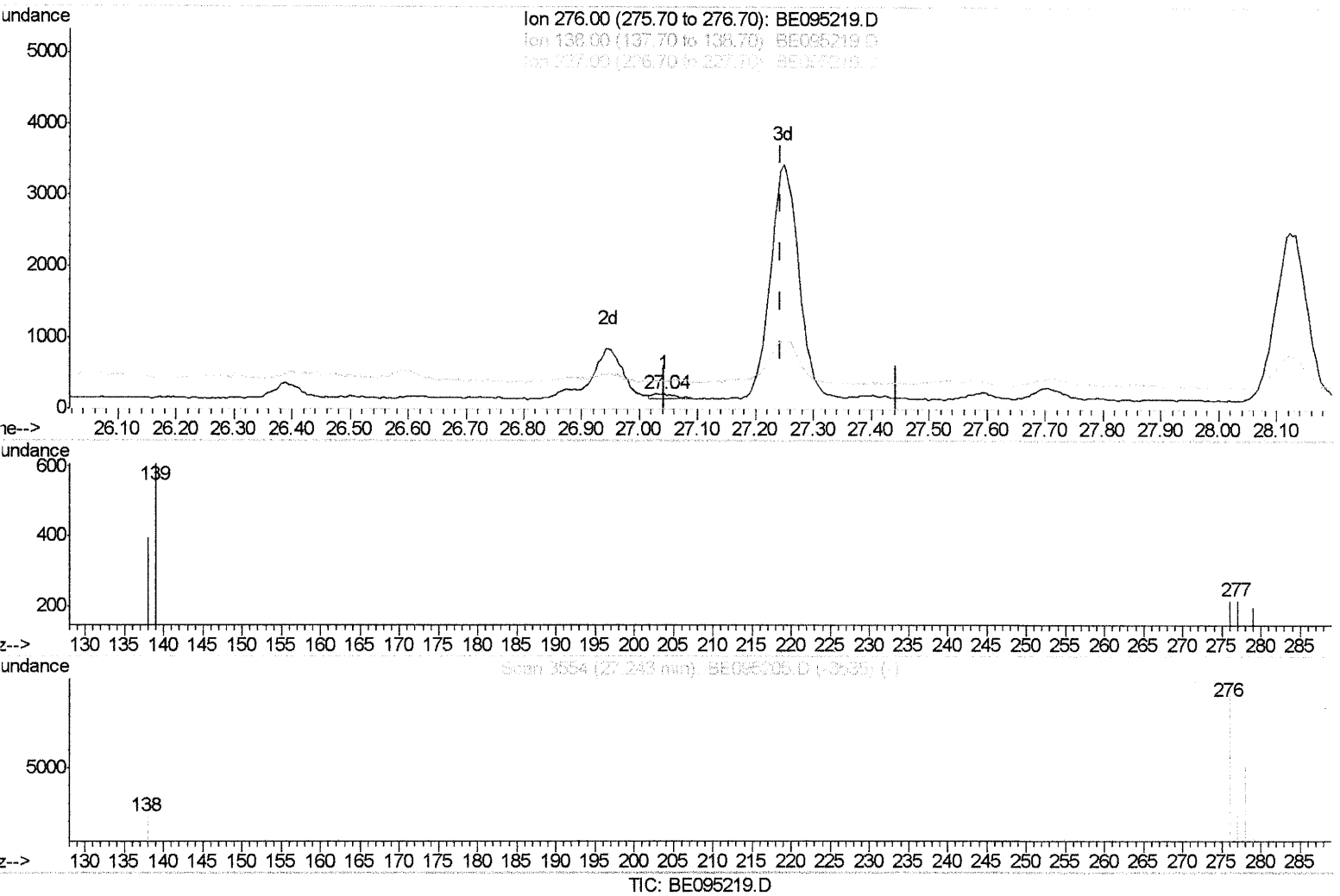
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(24) Indeno(1,2,3-cd)pyrene

27.042min (-0.201) 0.00ng/ul

response 196

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

Quantitation Report (Qedit)

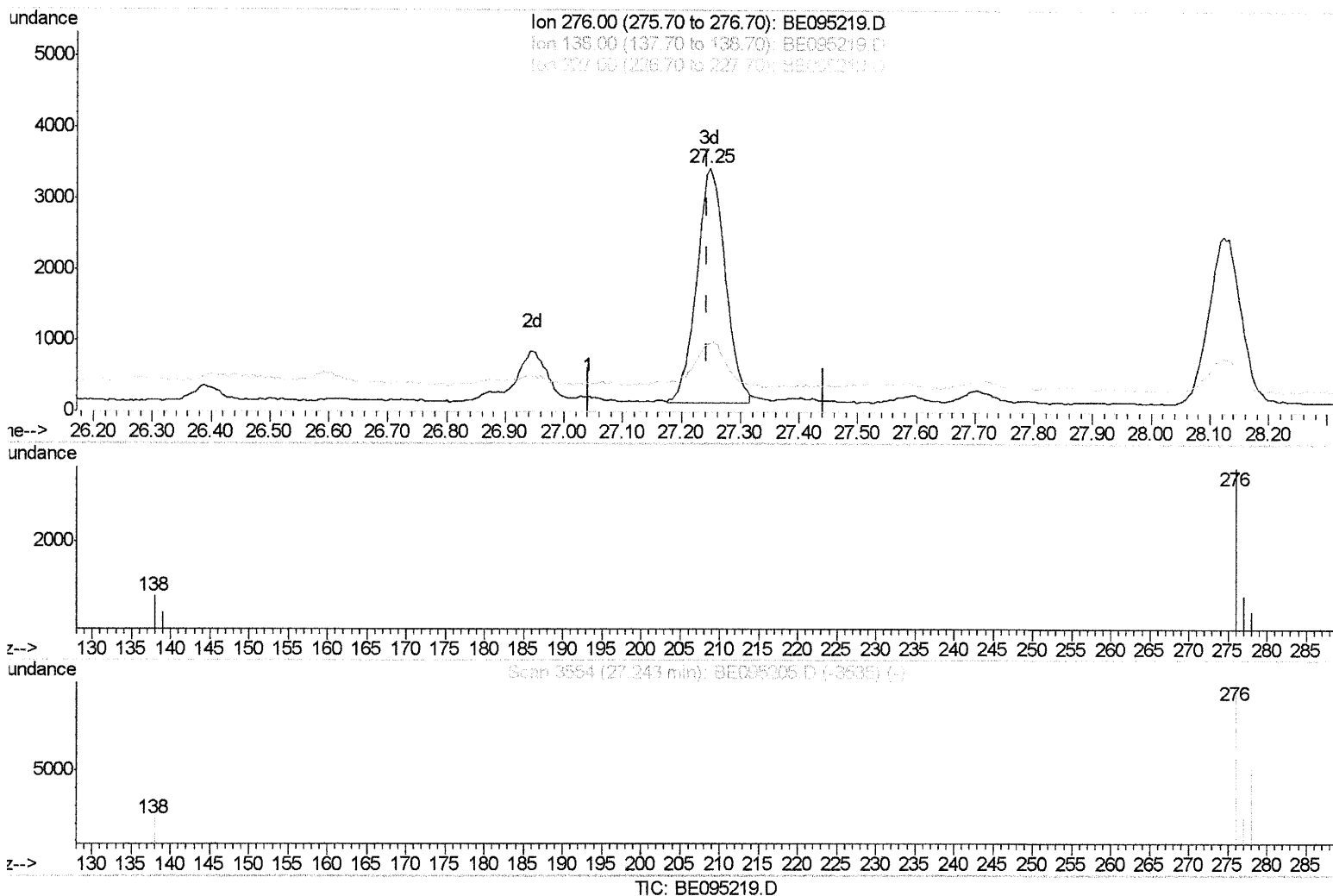
Instrument :
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Client Sampled :
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(24) Indeno(1,2,3-cd)pyrene

27.247min (+0.005) 0.27ng/ul m

501/31/18

response 11236

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

Quantitation Report (Qedit)

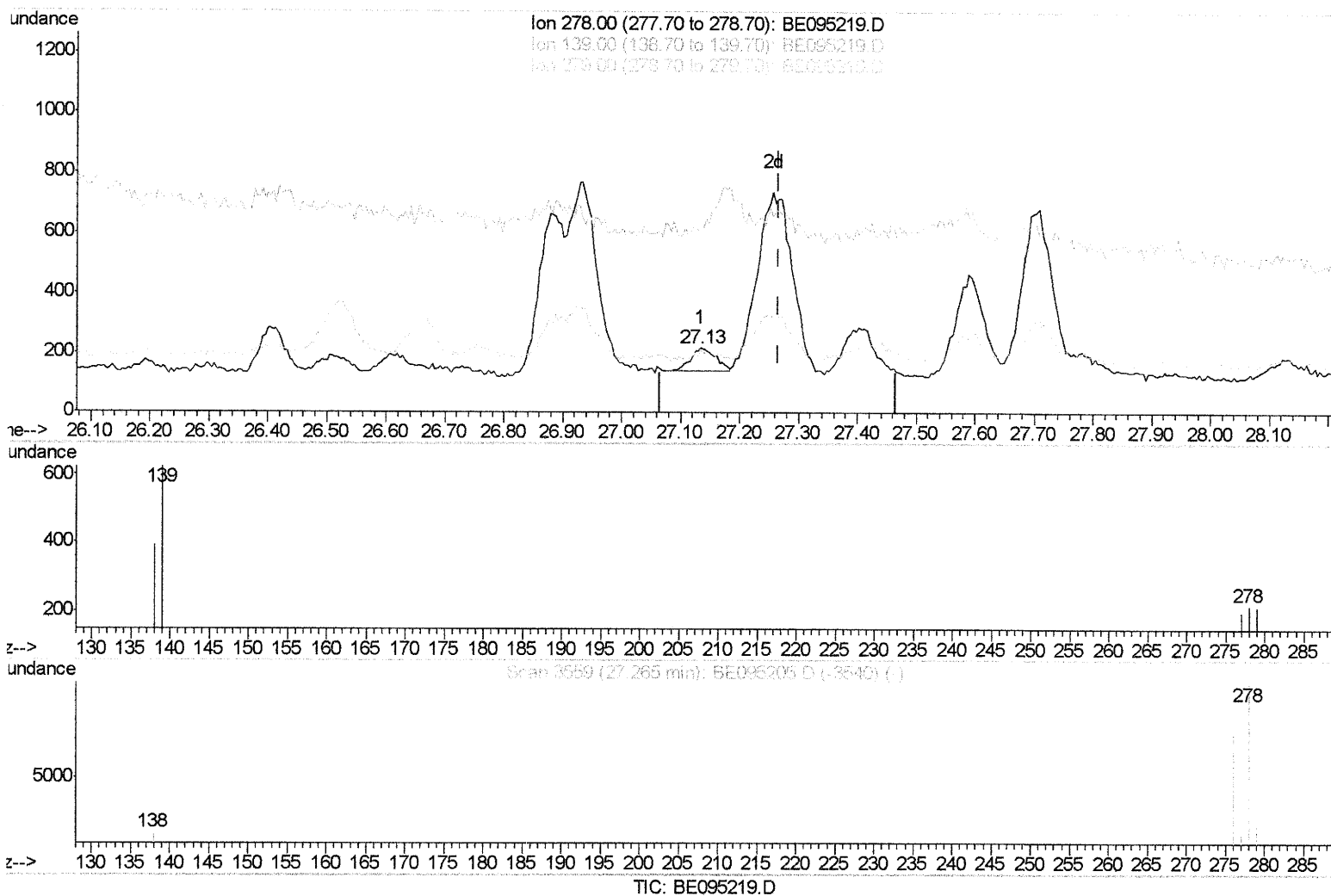
Instrument :
BNA_E
ClientSampleId :
F6A63

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(25) Dibenzo(a,h)anthracene

27.133min (-0.132) 0.01ng/ul

response 229

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	286.64#
279.00	32.40	98.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

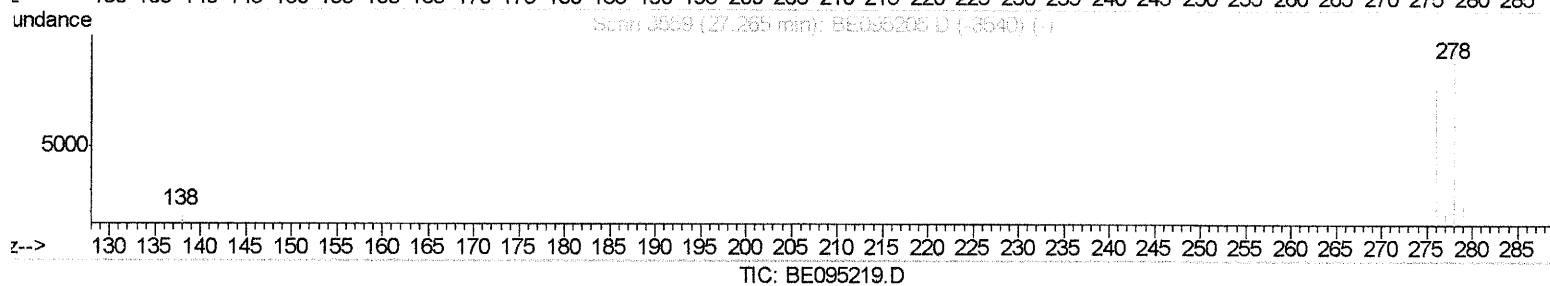
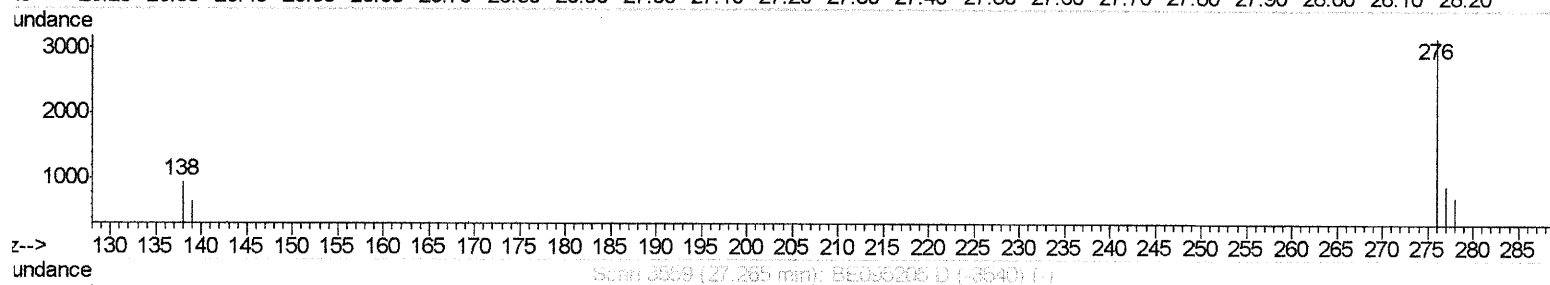
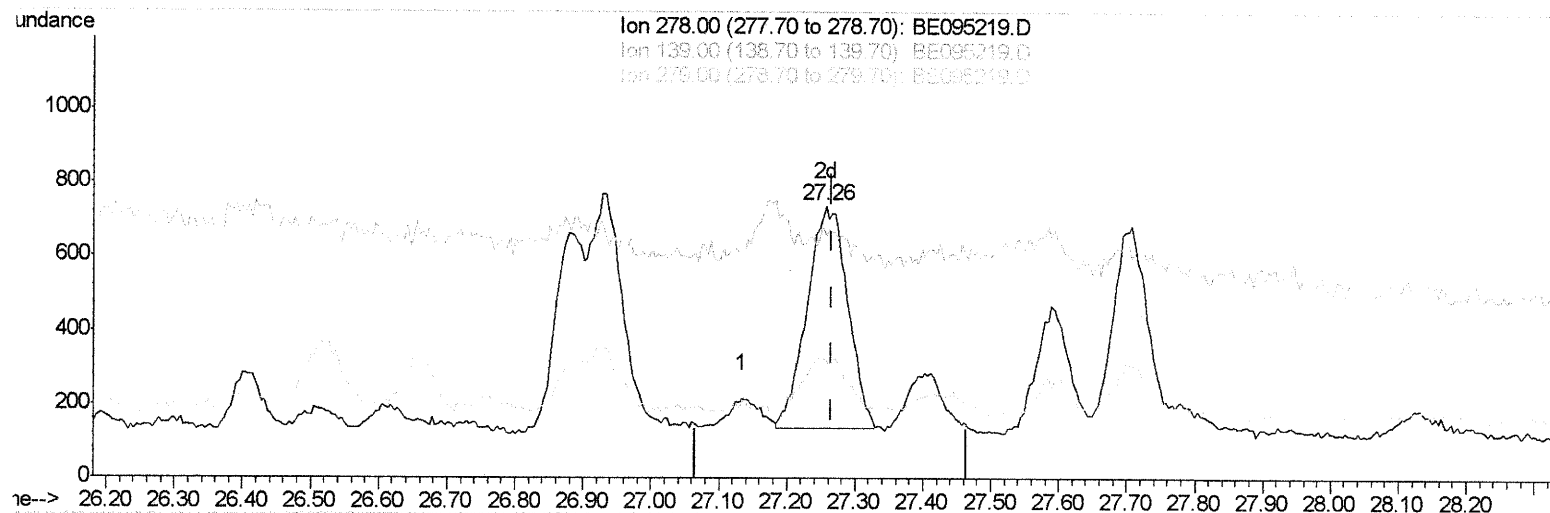
Instrument :
BNA_E
ClientSampled :
F6A63

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:41 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095219.D
Acq On : 28 Jan 2018 22:32
Operator : SJ/JU
Sample : J1221-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 29 07:52:30 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 Jan 29 06:58:46 2018
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.256min (-0.009) 0.07ng/ul m

response 2495

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	89.30#
279.00	32.40	43.77#
0.00	0.00	0.00

991/31/18

Quantitation Report (Qedit)

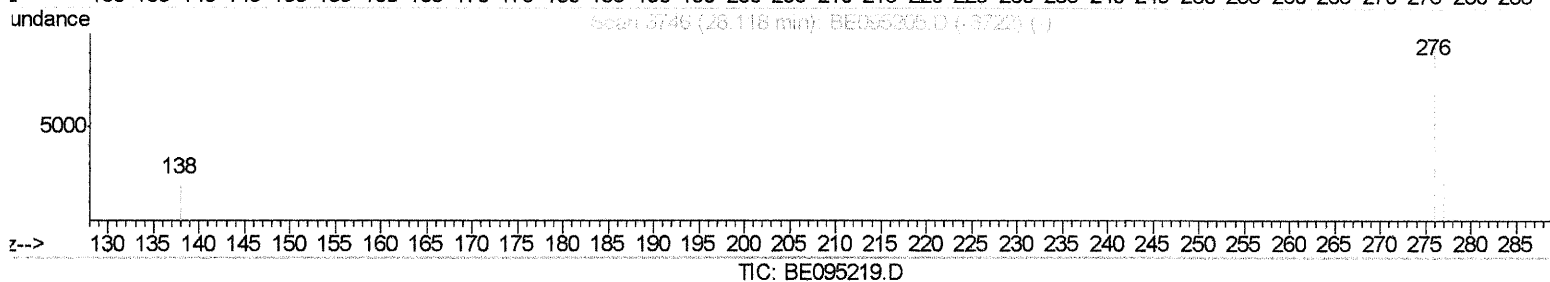
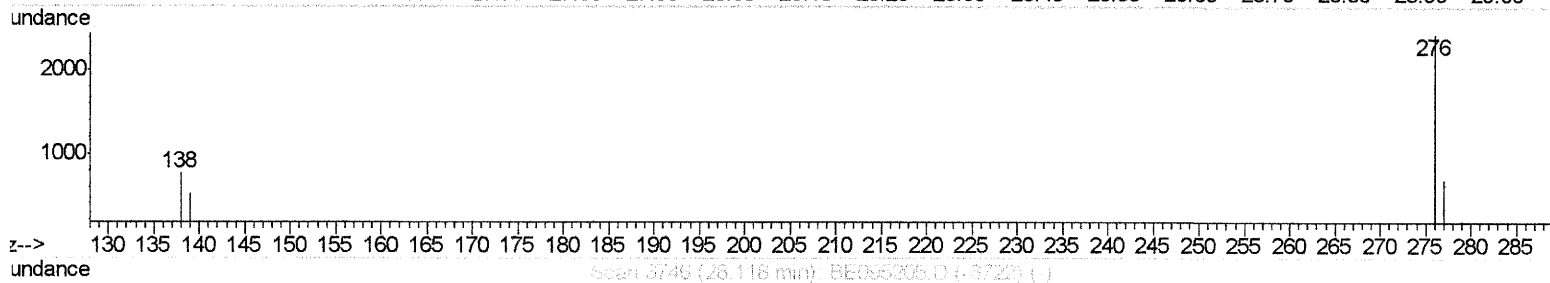
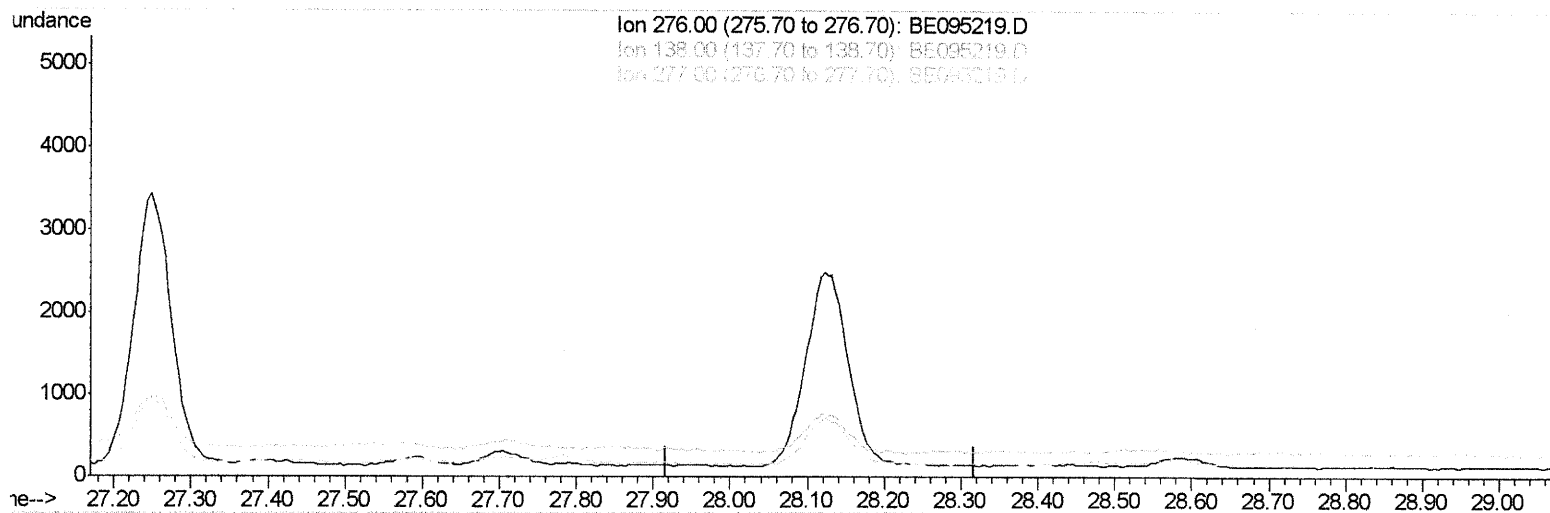
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095219.D
 Acq On : 28 Jan 2018 22:32
 Operator : SJ/JU
 Sample : J1221-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A63

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:25:41 PM

Quant Time: Jan 29 07:52:30 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 Jan 29 06:58:46 2018
 Response via : Initial Calibration



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

28.118min (-28.118) 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)

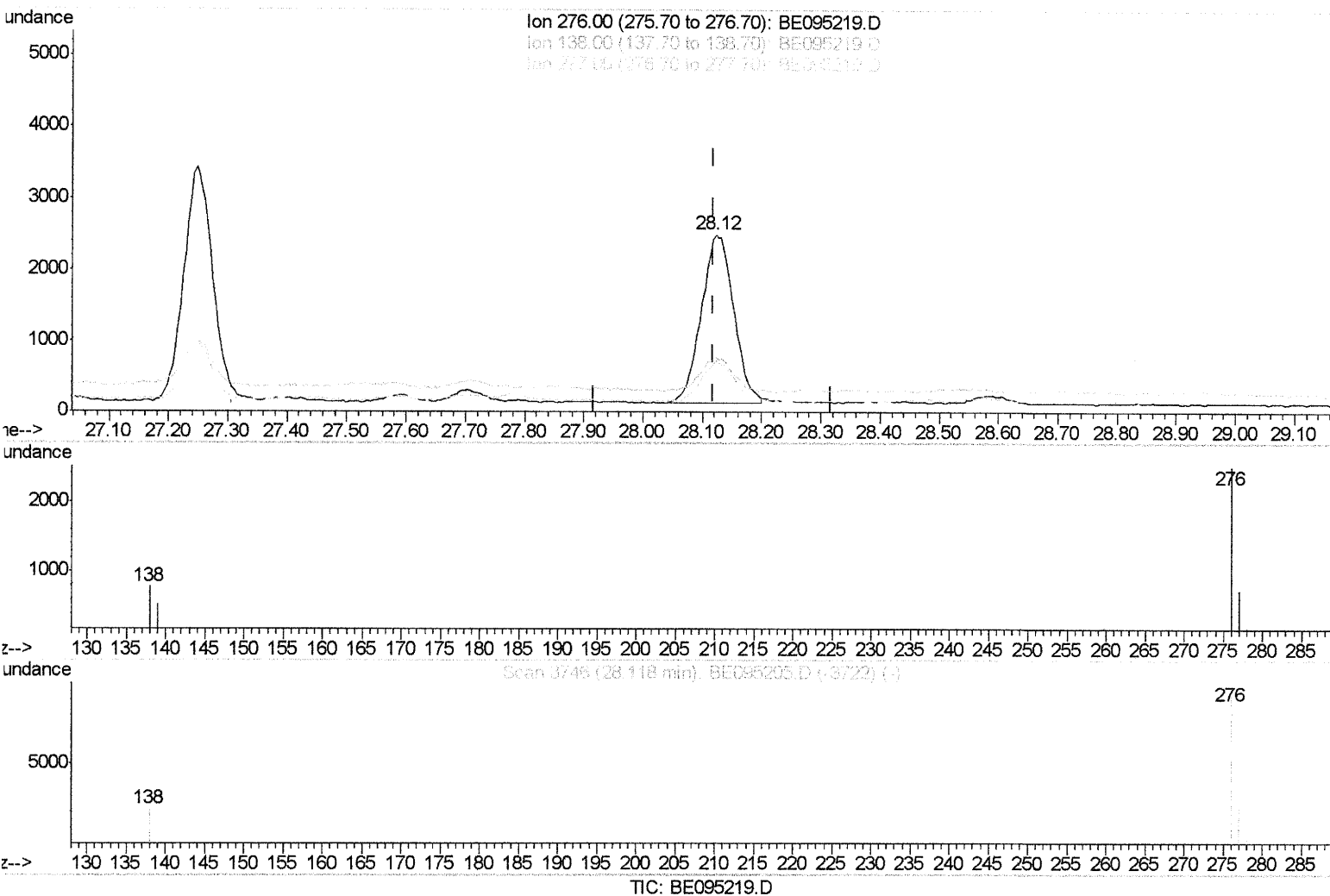
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095219.D
 Acq On : 28 Jan 2018 22:32
 Operator : SJ/JU
 Sample : J1221-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sample ID :
 F6A63

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:25:41 PM

Quant Time: Jan 29 07:52:30 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 Jan 29 06:58:46 2018
 Response via : Initial Calibration



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

28.122min (+0.005) 0.26ng/ul m

50 1/31/18

response 9127

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	31.16
277.00	25.60	29.52
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095219.D
 Acq On : 28 Jan 2018 22:32
 Operator : SJ/JU
 Sample : J1221-05
 Disc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sample ID :
 F6A63

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:25:41 PM

Quant Time: Jan 29 07:55:32 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Jan 29 06:58:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3163	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10047	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6652	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	13138m	0.40	ng/ul	0.02
16) Chrysene-d12	21.81	240	13199	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	12158m	0.40	ng/ul	0.00

SS 1/31/18
 SS 1/31/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	6573	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	17496	0.35	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	14.75	152	2303	0.072	ng/ul#	86
11) Pentachlorophenol	17.36	266	81372	31.977	ng/ul	96
12) Phenanthrene	17.75	178	17386	0.393	ng/ul#	87
13) Anthracene	17.84	178	6975	0.172	ng/ul#	94
15) Fluoranthene	19.73	202	103483	1.809	ng/ul	82
17) Pyrene	20.08	202	119956	2.708	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	33057	0.801	ng/ul#	88
19) Chrysene	21.84	228	36215m	0.845	ng/ul	
21) Benzo(b)fluoranthene	23.63	252	43264m	1.009	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	14503m	0.370	ng/ul	
23) Benzo(a)pyrene	24.33	252	11884m	0.310	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	11236m	0.267	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	2495m	0.073	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	9127m	0.257	ng/ul	

} SS 1/31/18

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