

Quantitation Report (QT Reviewed)

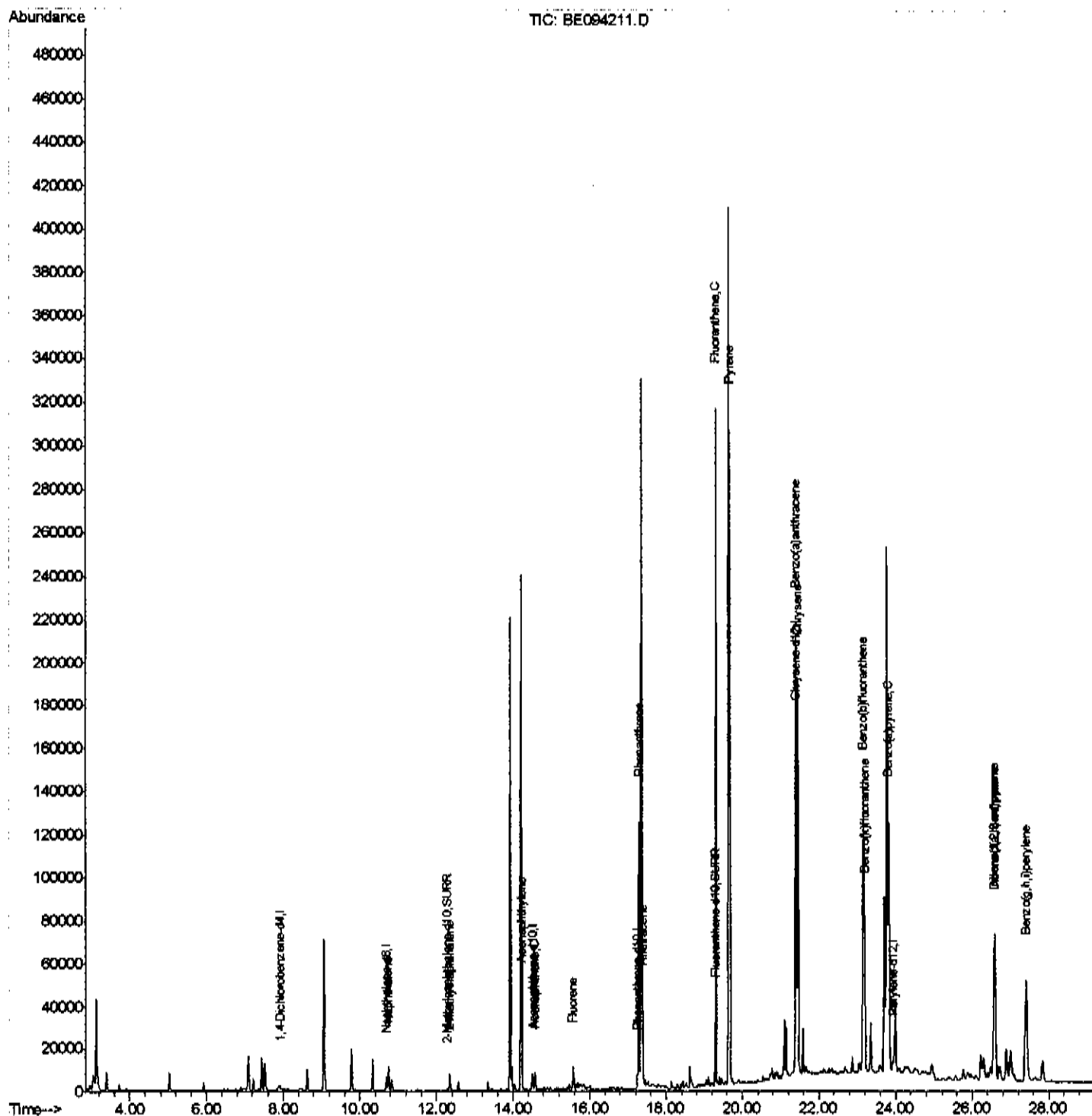
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094211.D
 Acq On : 7 Oct 2017 20:22
 Operator : SJ/JU
 Sample : I5449-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B-60(5-7)-092617

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:09 PM

Quant Time: Oct 08 03:51:07 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

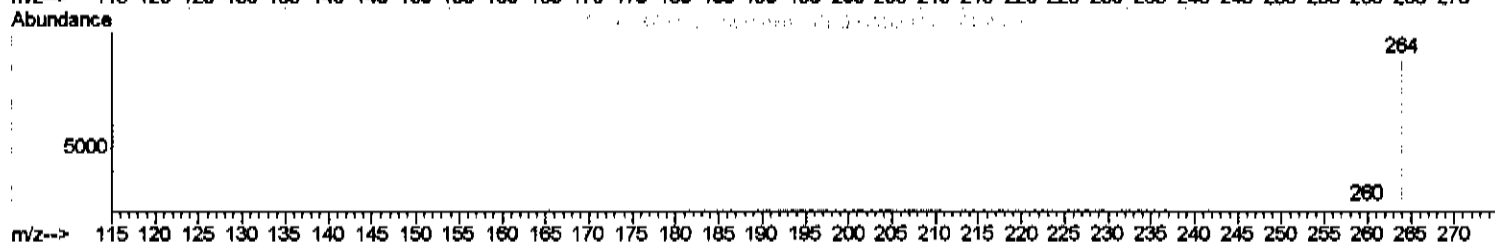
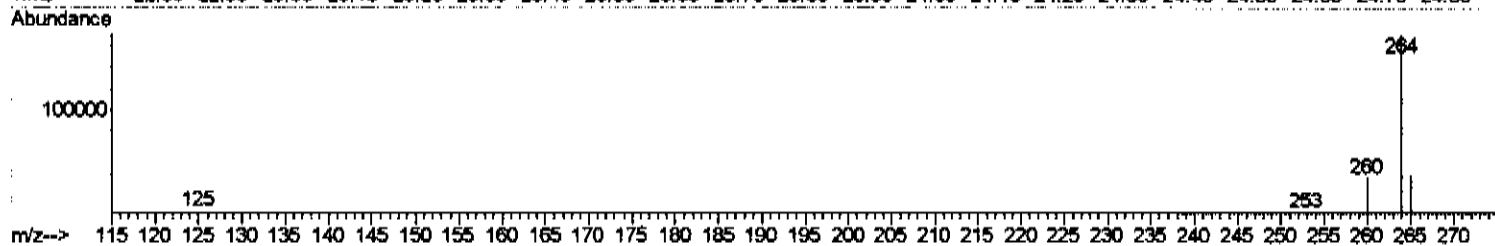
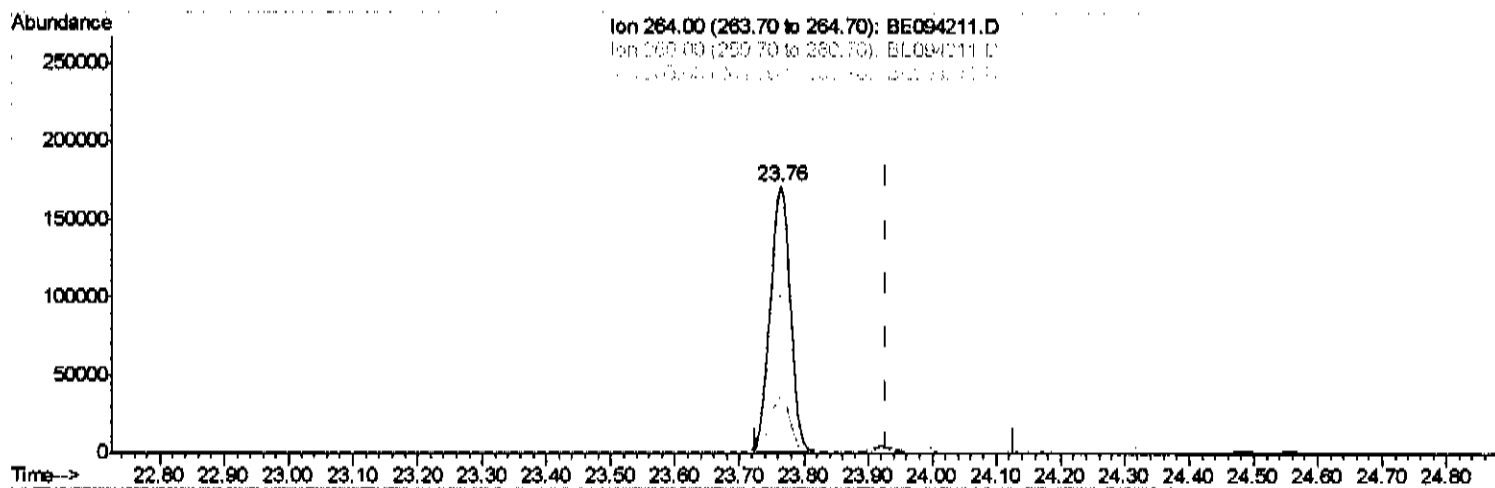
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
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 10/9/2017 6:53:09 PM

Quant Time: Oct 08 03:47:24 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
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TIC: BE094211.D

(20) Perylene-d12 (I)

23.763min (-0.164) 0.40ng/ul

response 365381

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.85#
265.00	103.50	22.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

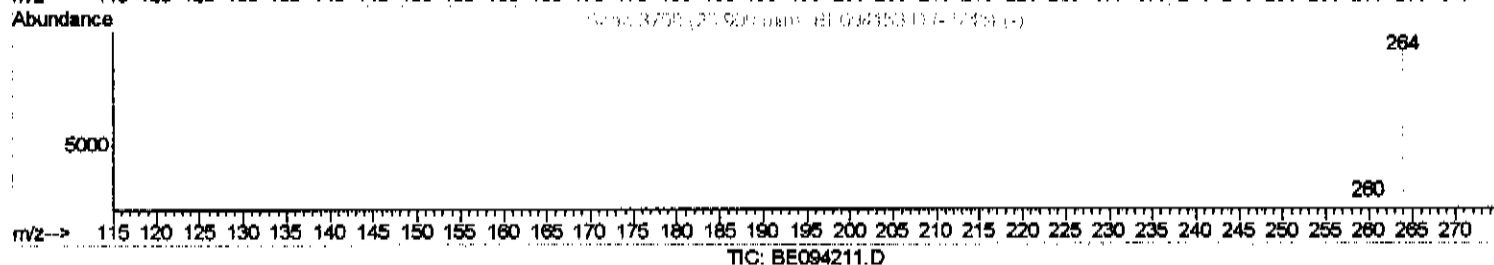
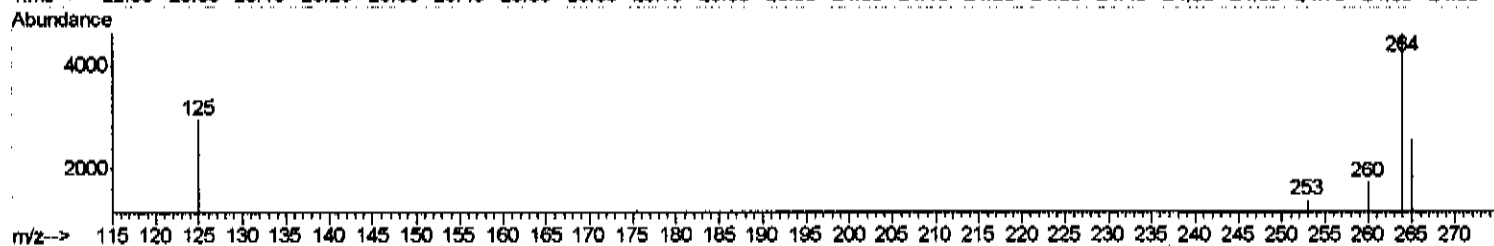
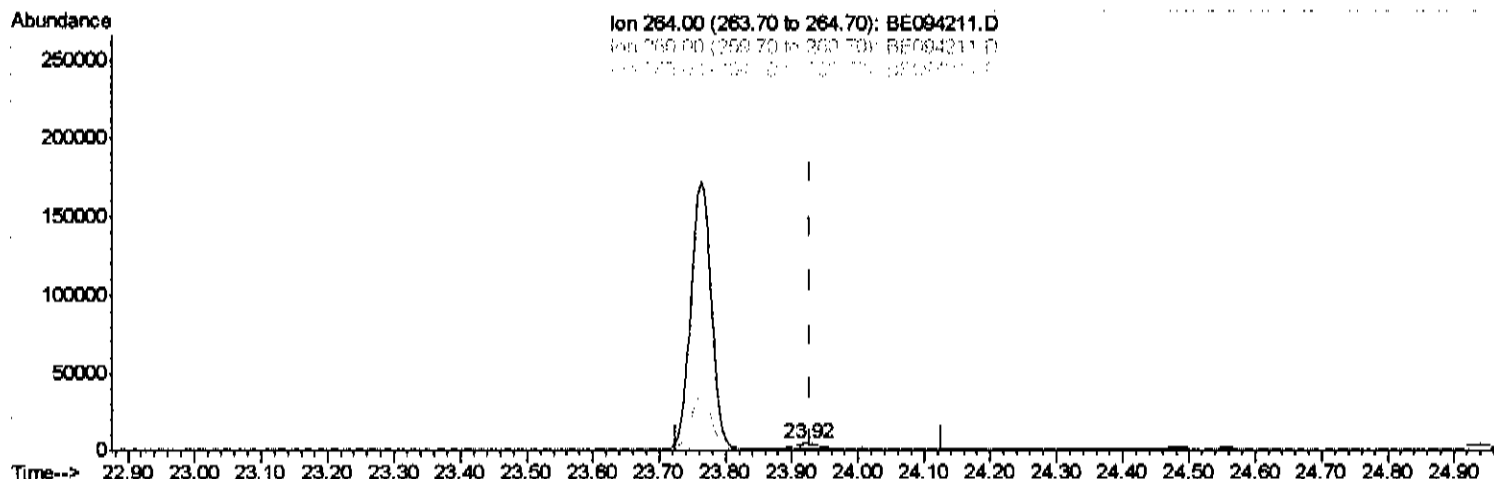
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(20) Perylene-d12 (I)

23.923min (-0.005) 0.40ng/ul *me 10/9/17*

response 7947

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	36.98#
265.00	103.50	55.13#
0.00	0.00	0.00

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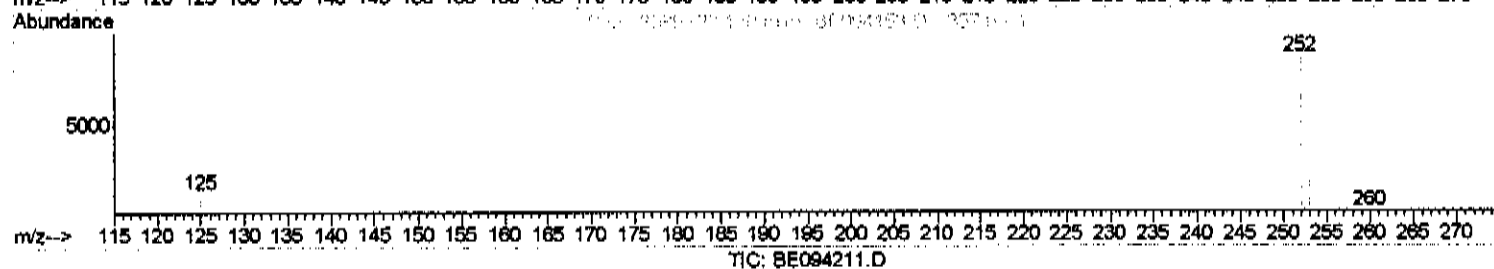
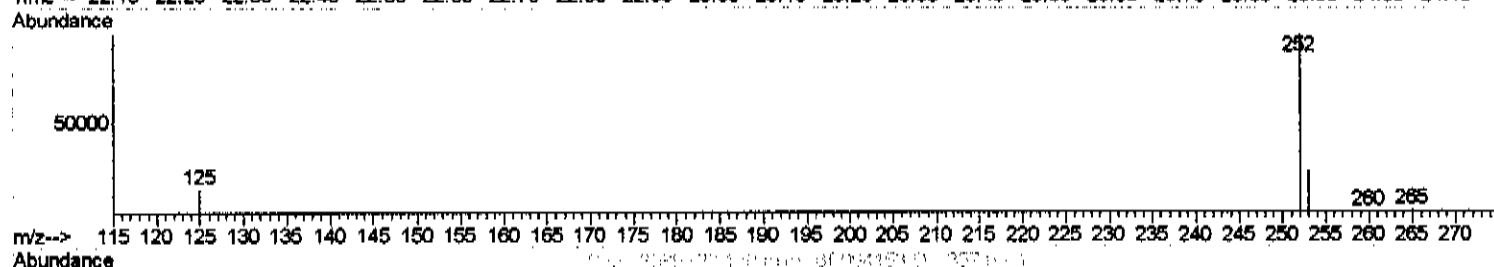
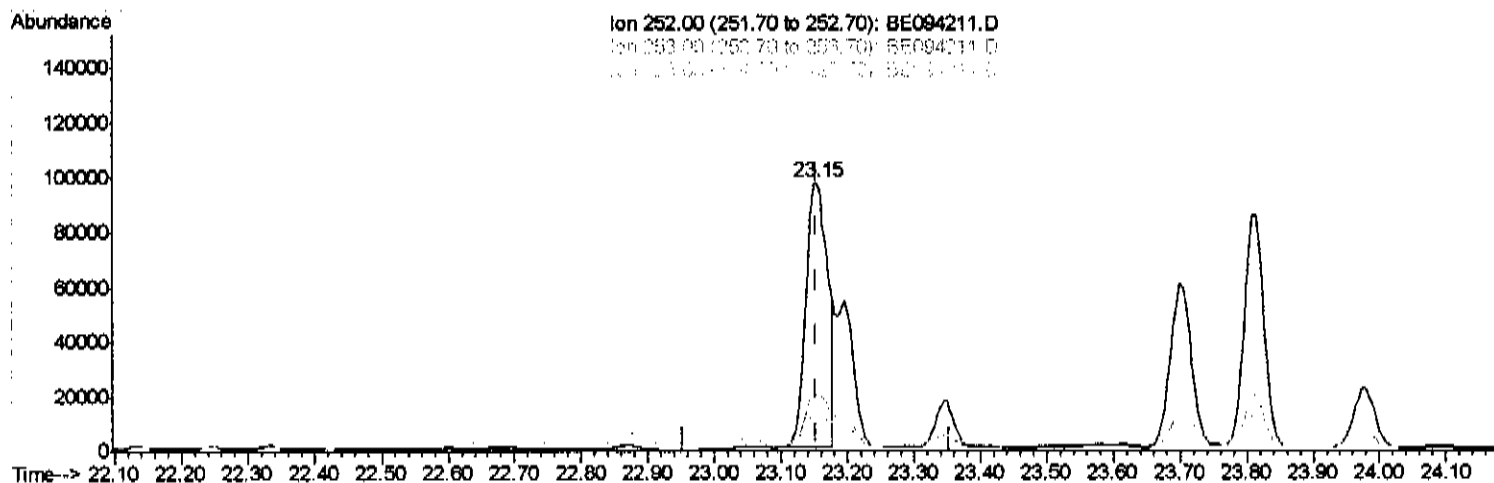
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(21) Benzo(b)fluoranthene

23.153min (-0.000) 10.18ng/ui

response 219886

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.04
125.00	17.50	13.76
0.00	0.00	0.00

Quantitation Report (Qedit)

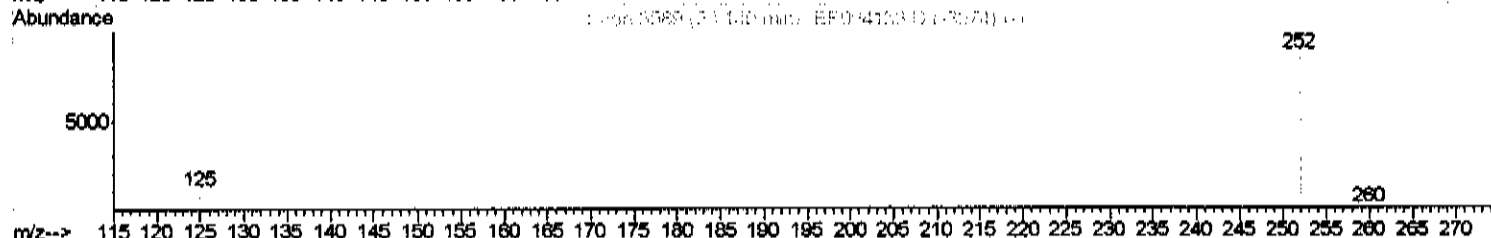
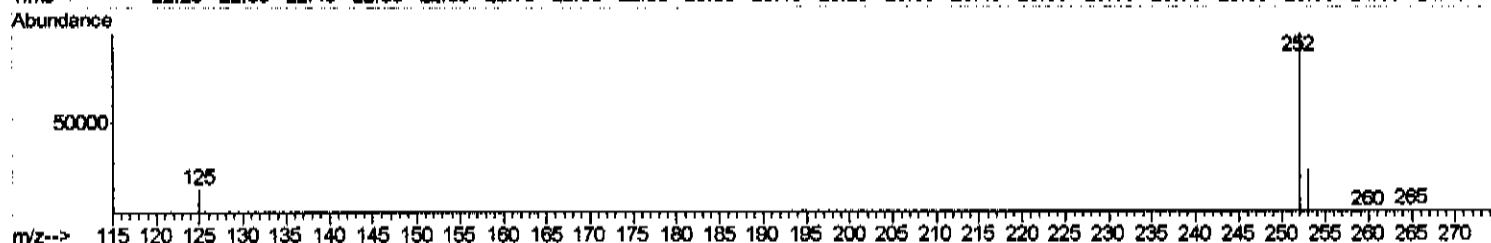
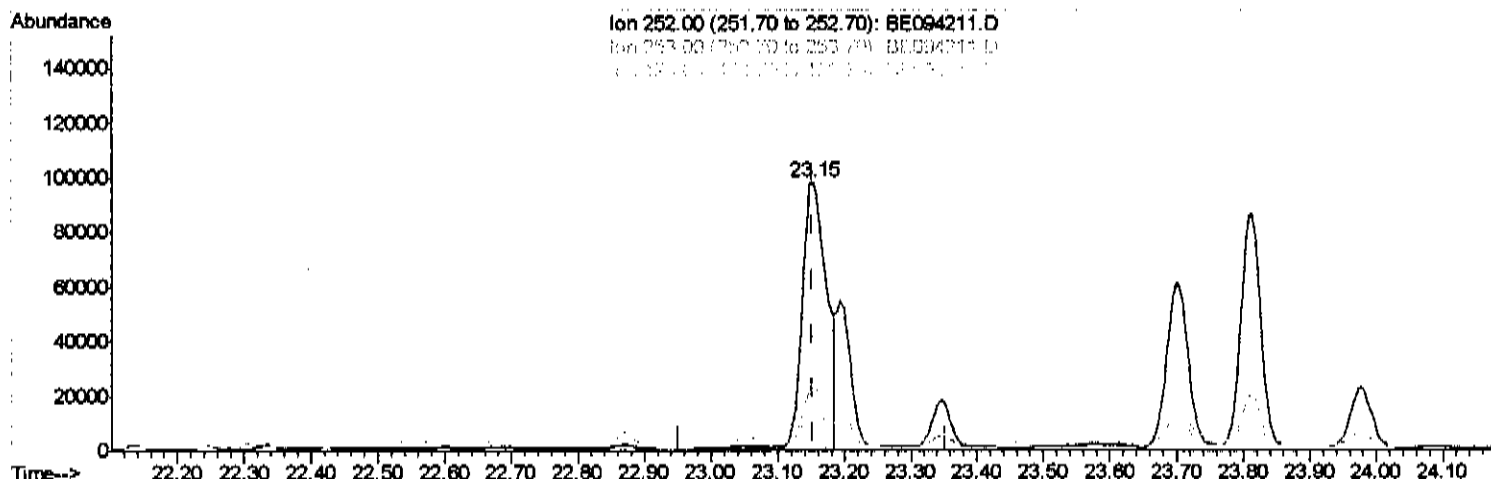
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TIC: BE094211.D

(21) Benzo(b)fluoranthene

23.153min (-0.000) 11.53ng/ul m

response 248965

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.04
125.00	17.50	13.78
0.00	0.00	0.00

juokm

Quantitation Report (Qedit)

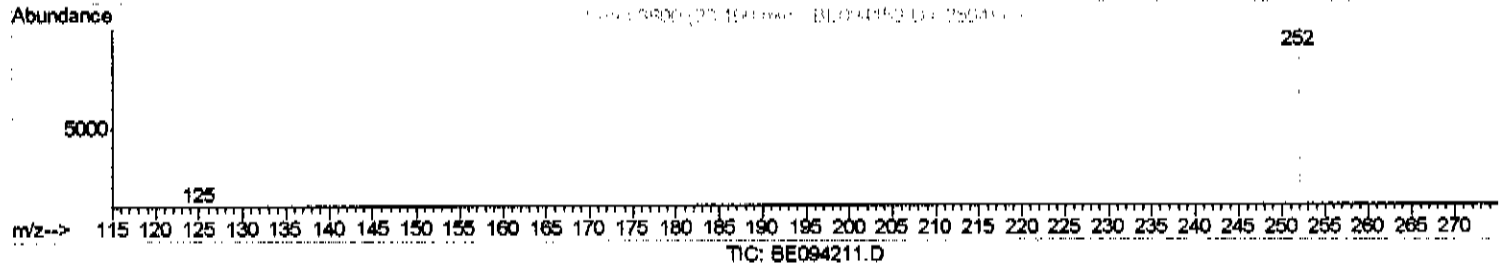
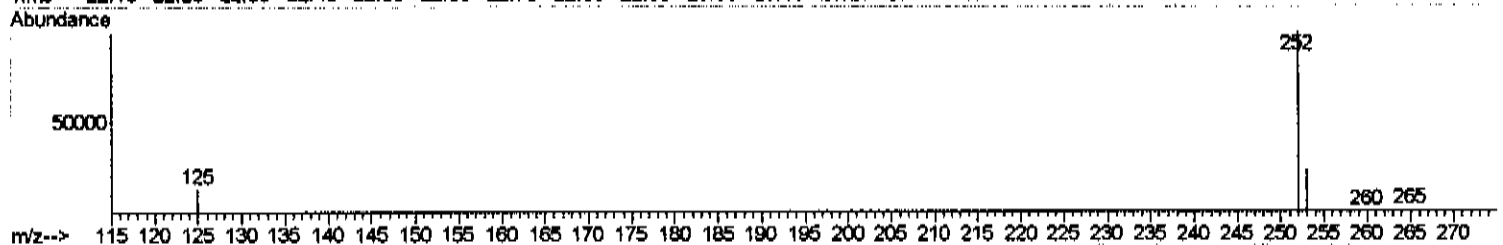
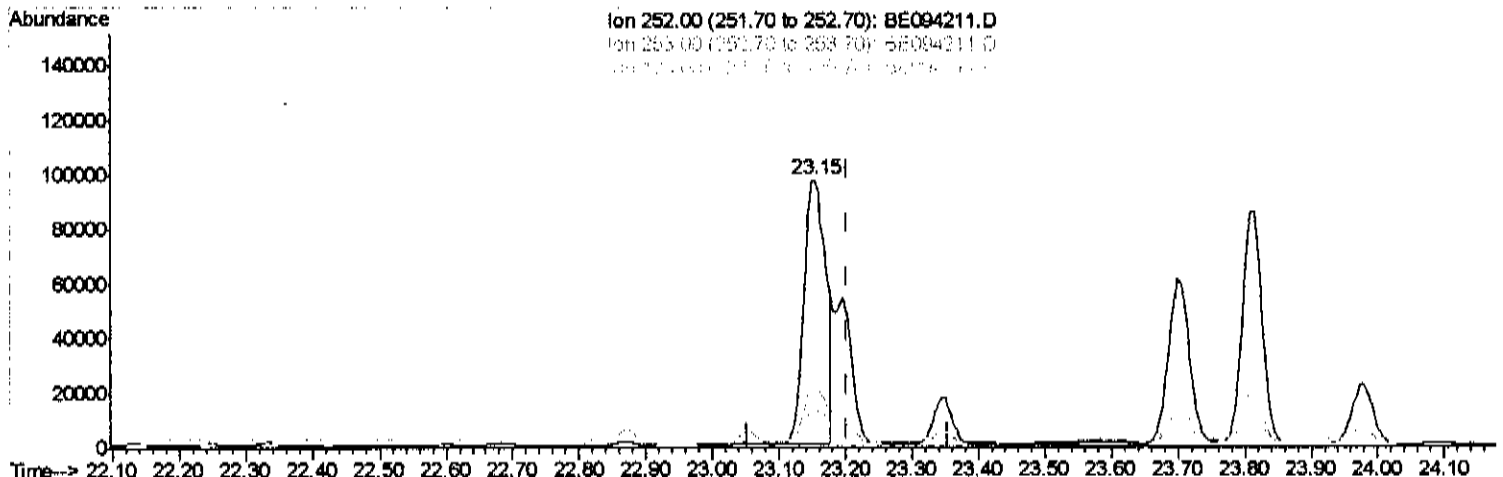
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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 ClientSampleId :
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(22) Benzo(k)fluoranthene
 23.153min (-0.050) 8.81ng/ul
 response 219866

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.04#
125.00	17.10	13.76
0.00	0.00	0.00

Quantitation Report (Qedit)

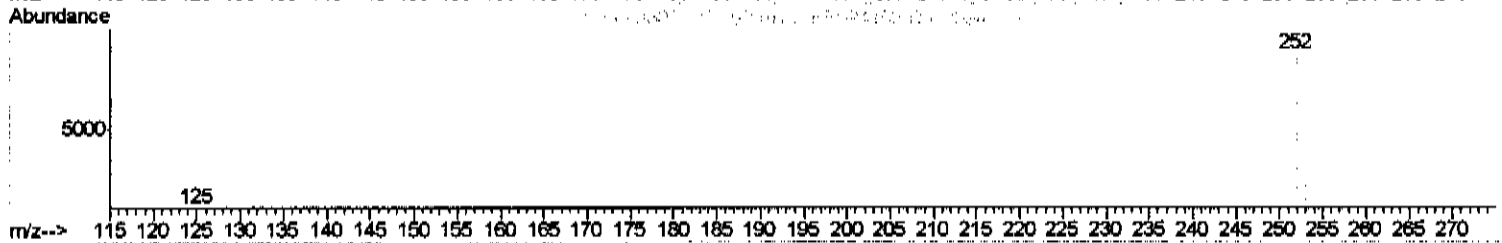
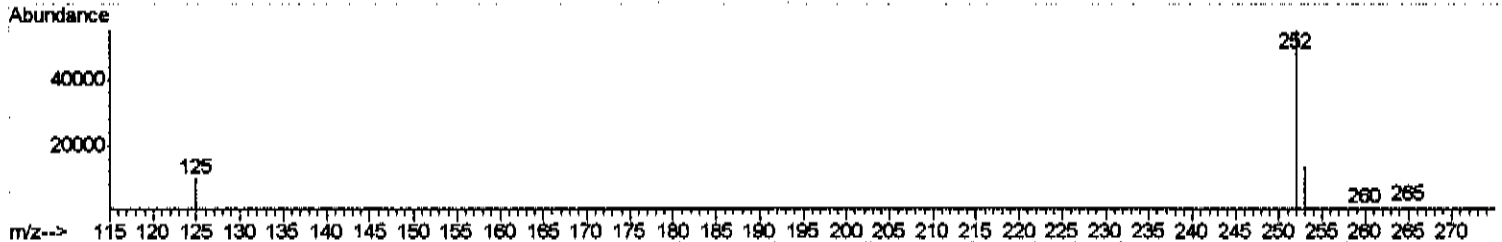
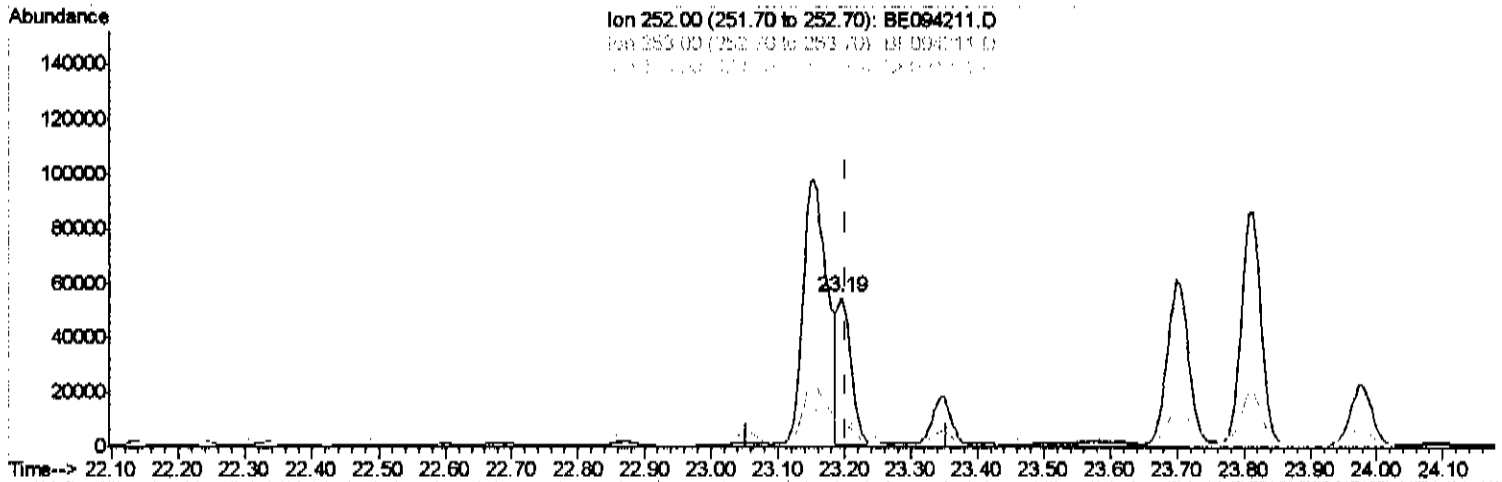
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(22) Benzo(k)fluoranthene

23.194min (-0.009) 3.16ng/ul m *SJU 10/9/17*

response 78827

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.63
125.00	17.10	17.90
0.00	0.00	0.00

Quantitation Report (Qedit)

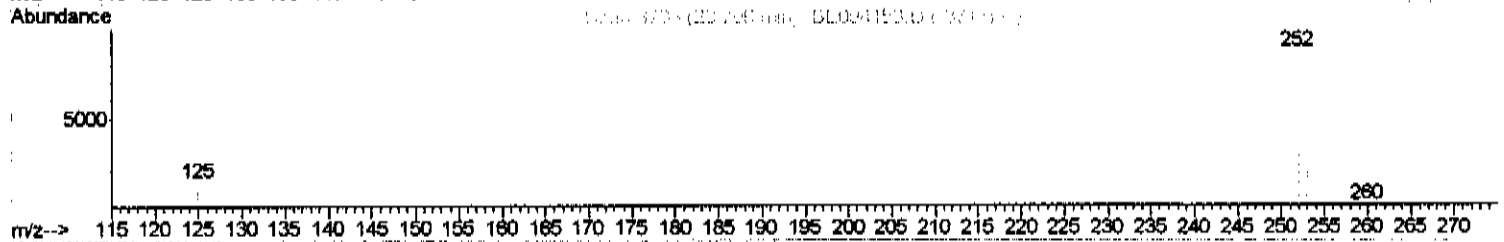
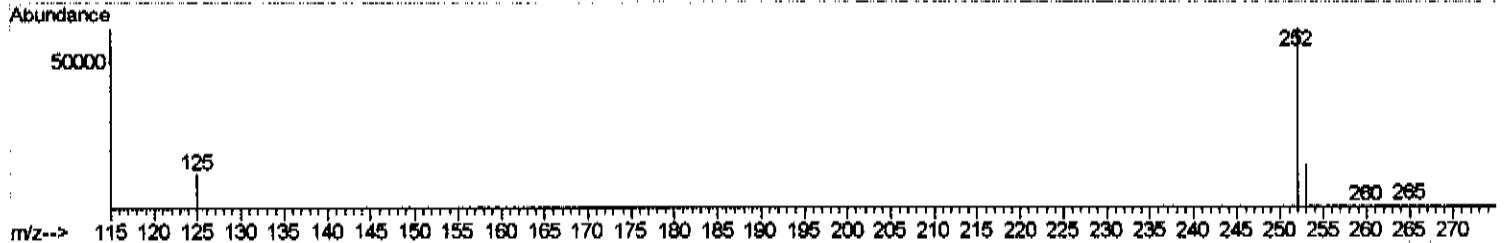
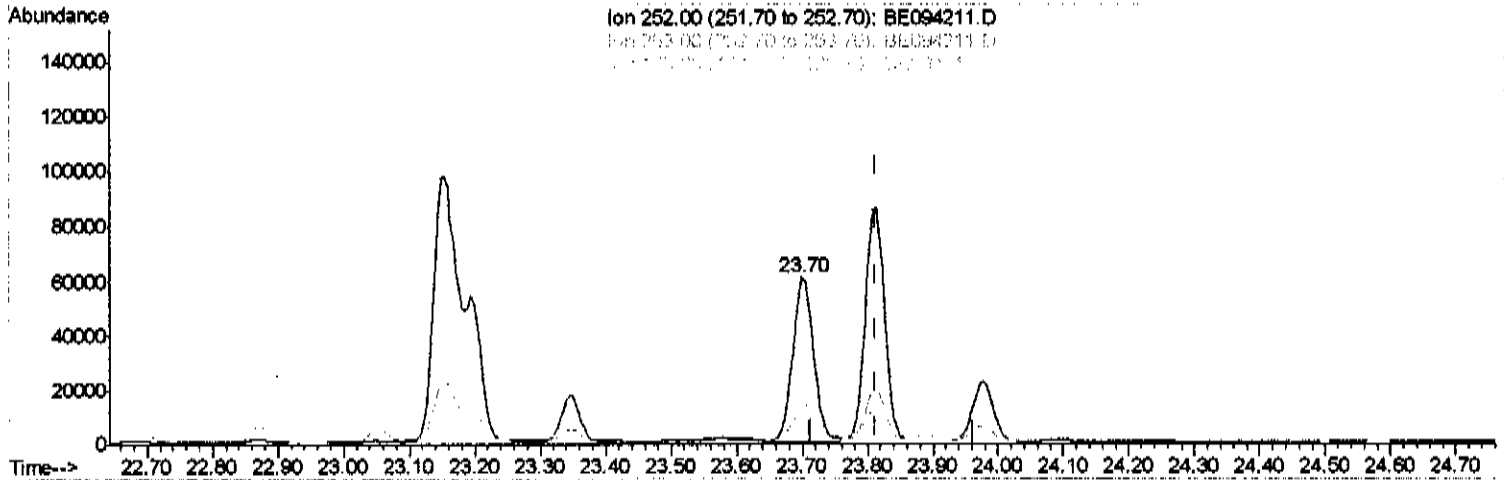
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094211.D
 Acq On : 7 Oct 2017 20:22
 Operator : SJ/JU
 Sample : IS449-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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TIC: BE094211.D

(23) Benzo(a)pyrene (C)

23.699min (-0.114) 5.91ng/ui

response 132552

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.20#
125.00	22.60	19.83
0.00	0.00	0.00

Quantitation Report (Qedit)

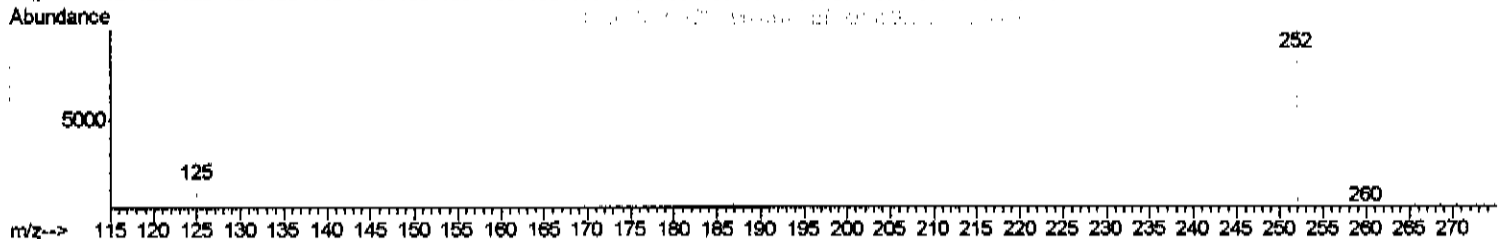
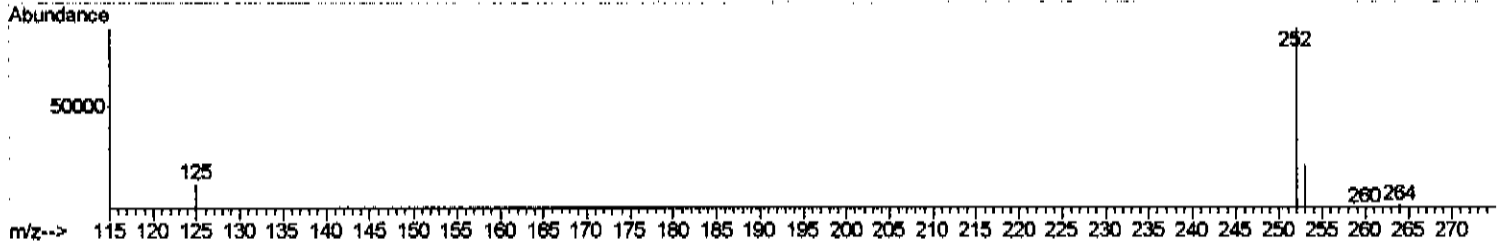
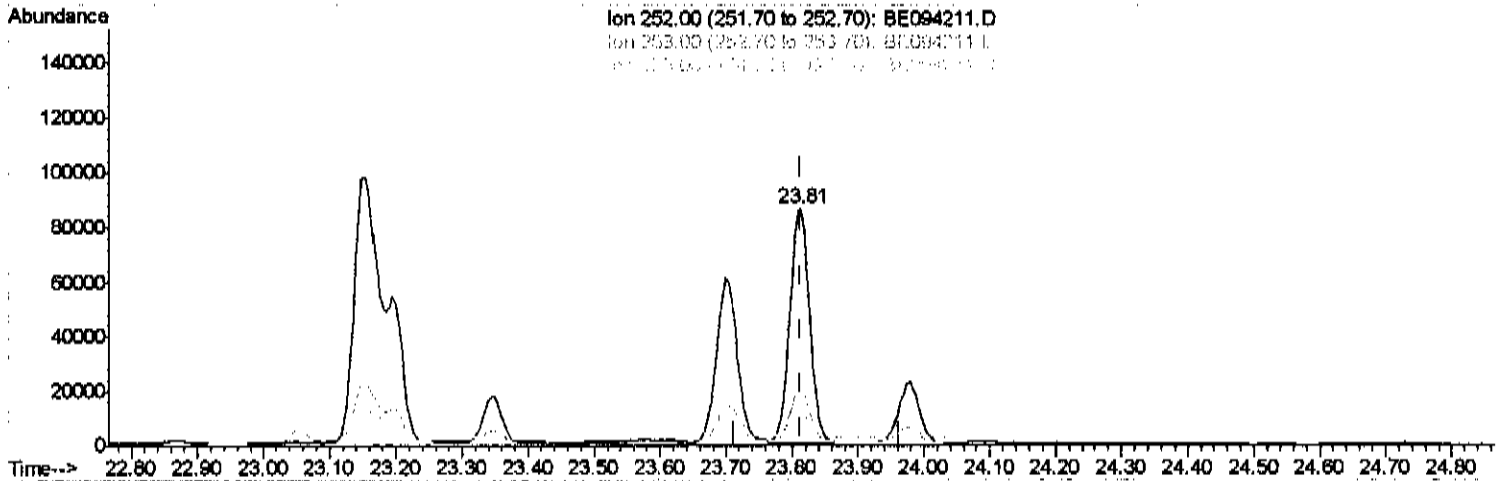
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094211.D
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 Operator : SJ/JU
 Sample : I5449-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
 APPROVED

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TIC: BE094211.D

(23) Benzo(a)pyrene (C)

23.813min (-0.000) 7.91ng/ul m

response 177552

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.22#
125.00	22.80	14.37#
0.00	0.00	0.00

See 10/9/17

Quantitation Report (Qedit)

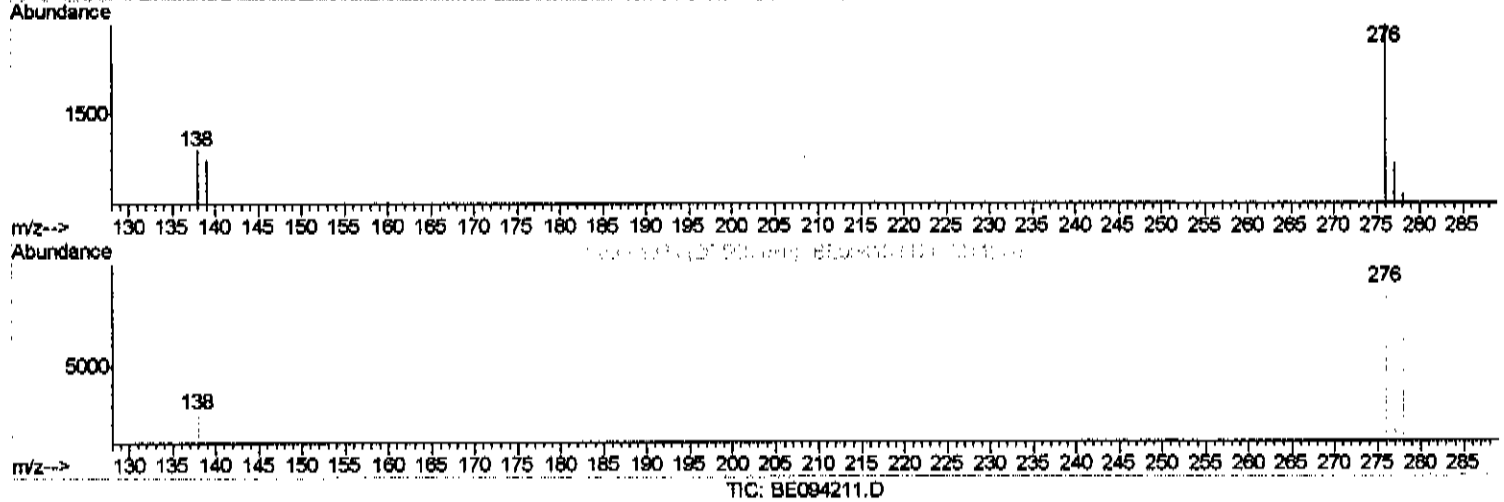
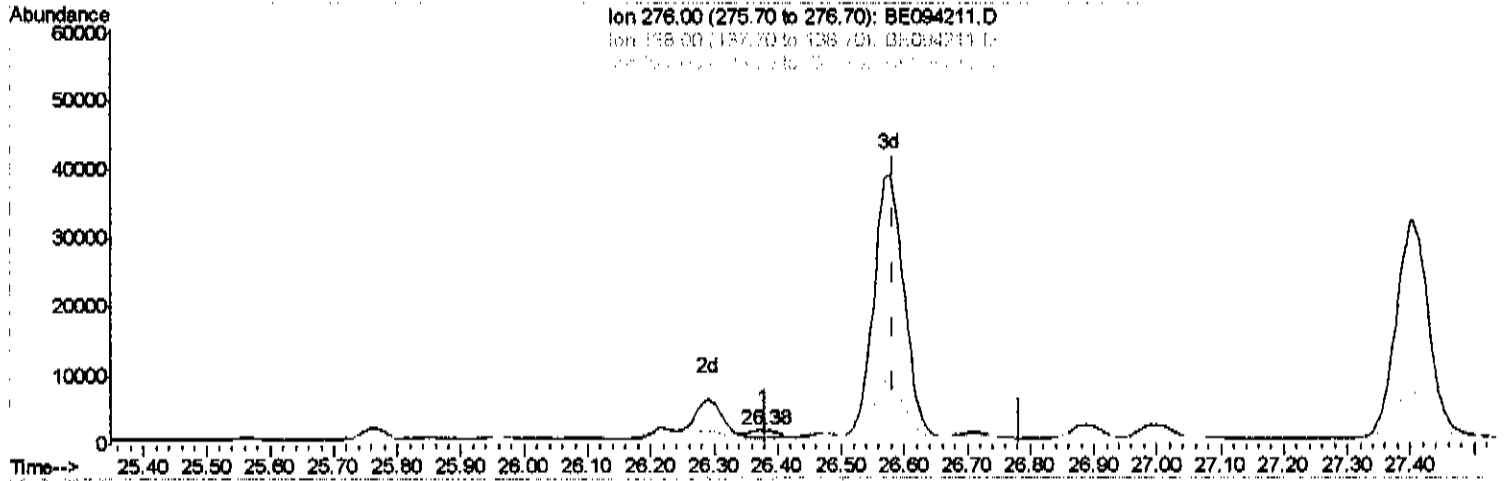
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(24) Indeno(1,2,3-cd)pyrene

26.378min (-0.205) 0.13ng/ul

response 2919

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	27.10#
227.00	10.00	0.00#
0.00	0.00	0.00

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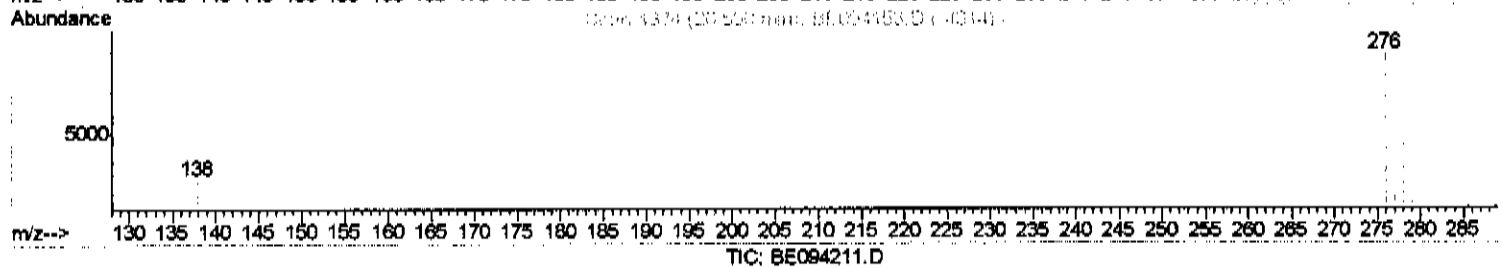
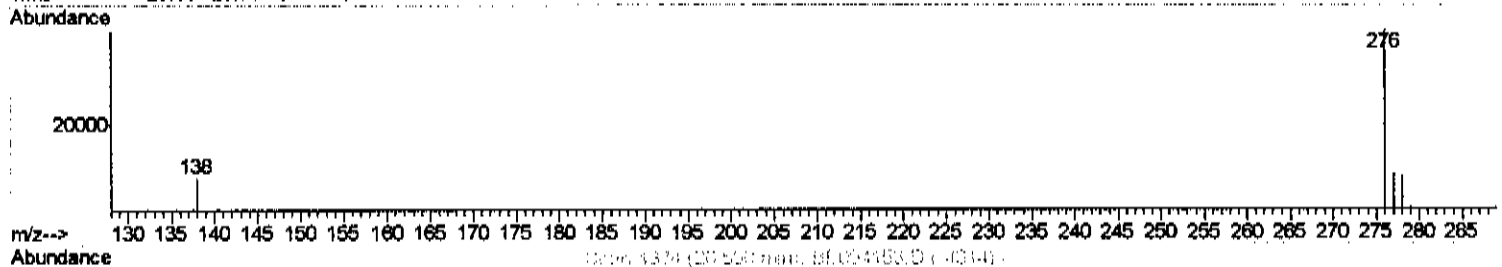
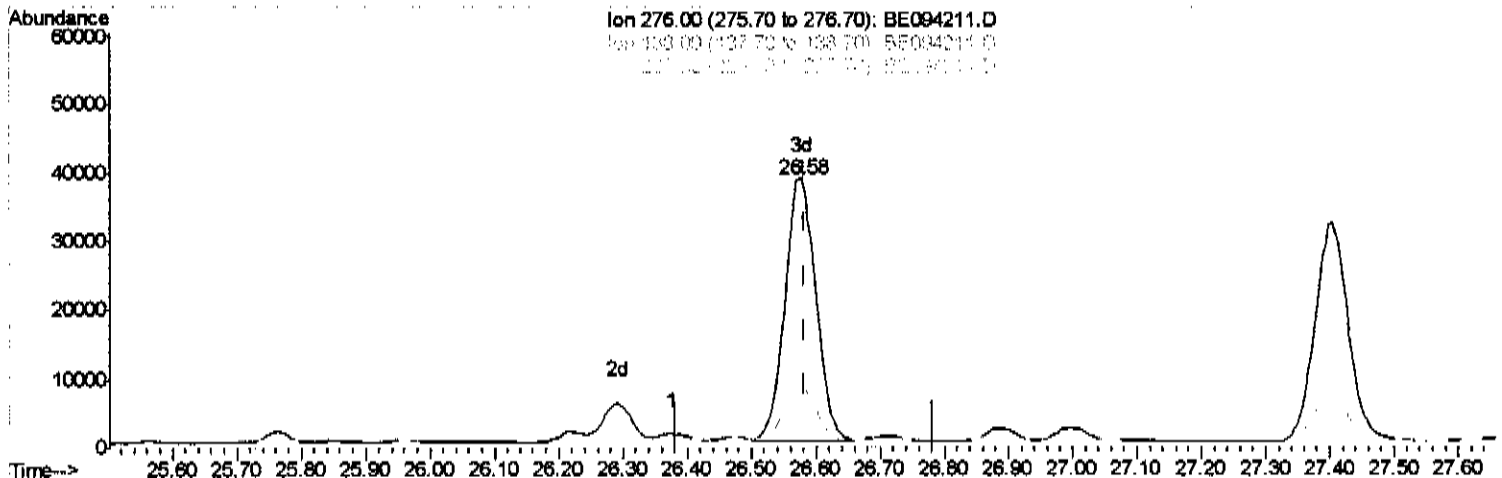
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(24) Indeno(1,2,3-cd)pyrene

26.578min (-0.005) 5.58ng/ul m

response 128093

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.62#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

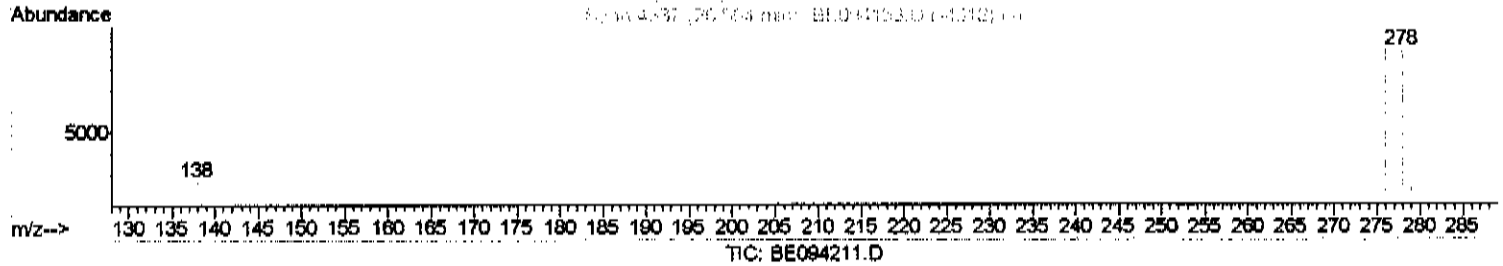
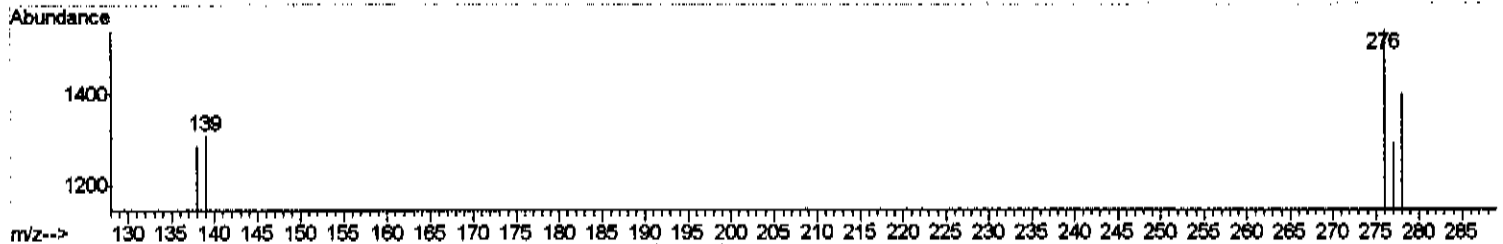
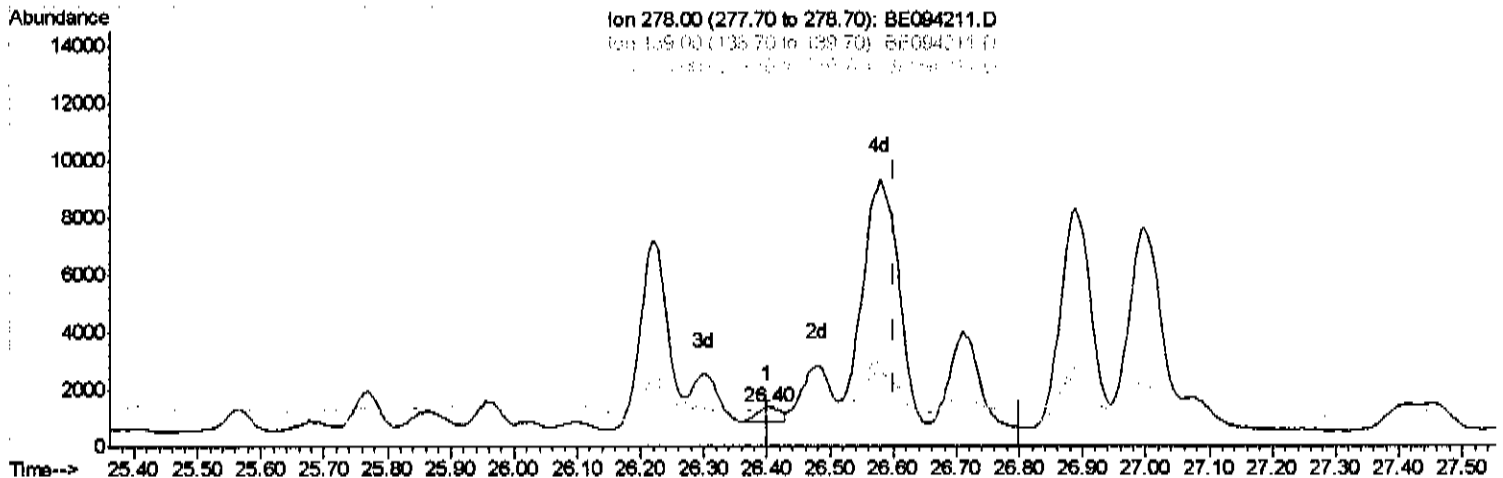
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(25) Dibenzo(a,h)anthracene

26.401min (-0.201) 0.07ng/ul

response 1374

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	93.57#
279.00	32.40	81.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

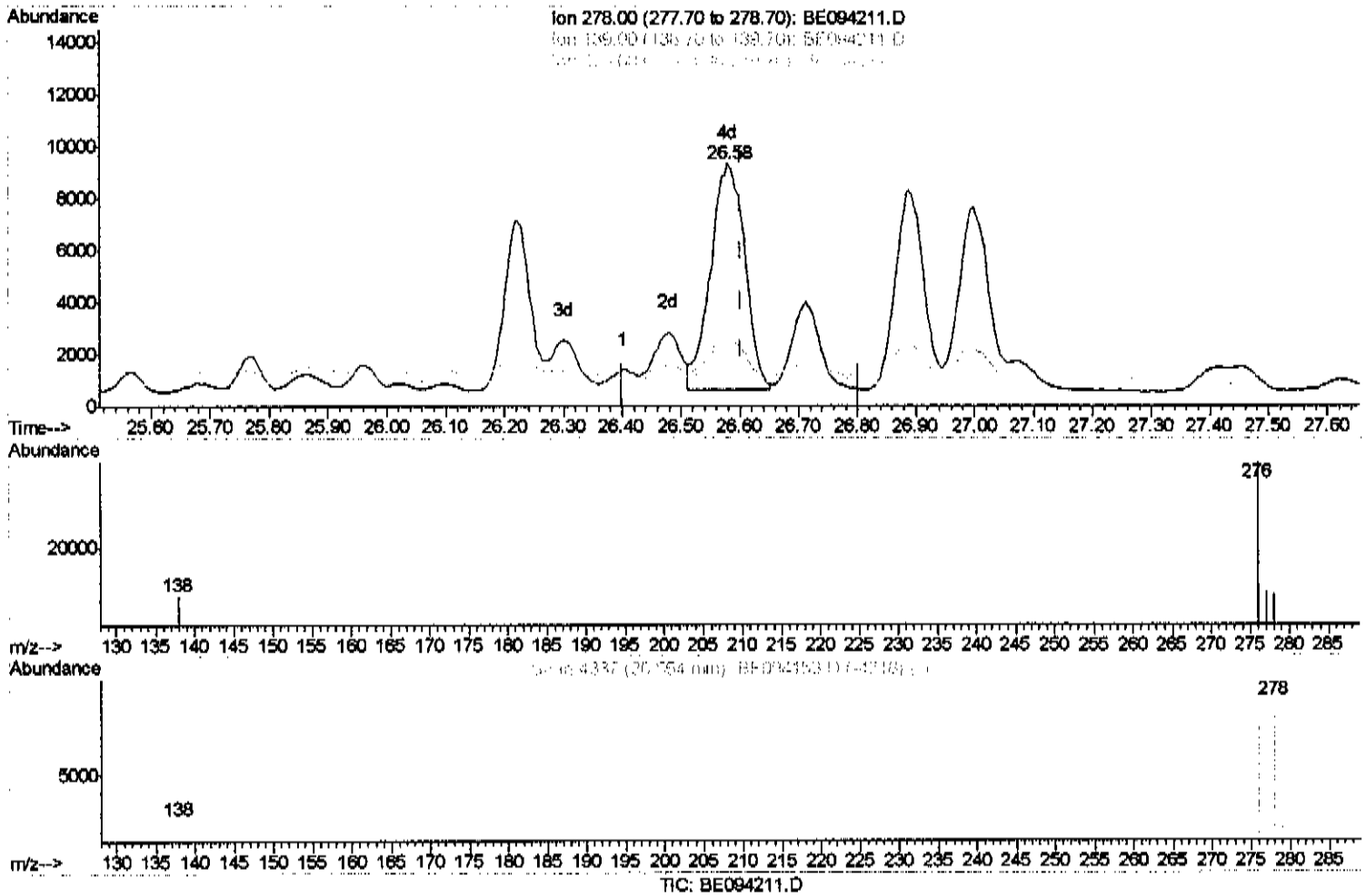
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(25) Dibenzo(a,h)anthracene

26.578min (-0.023) 1.83ng/ul m

response 35145

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	27.89#
279.00	32.40	32.44
0.00	0.00	0.00

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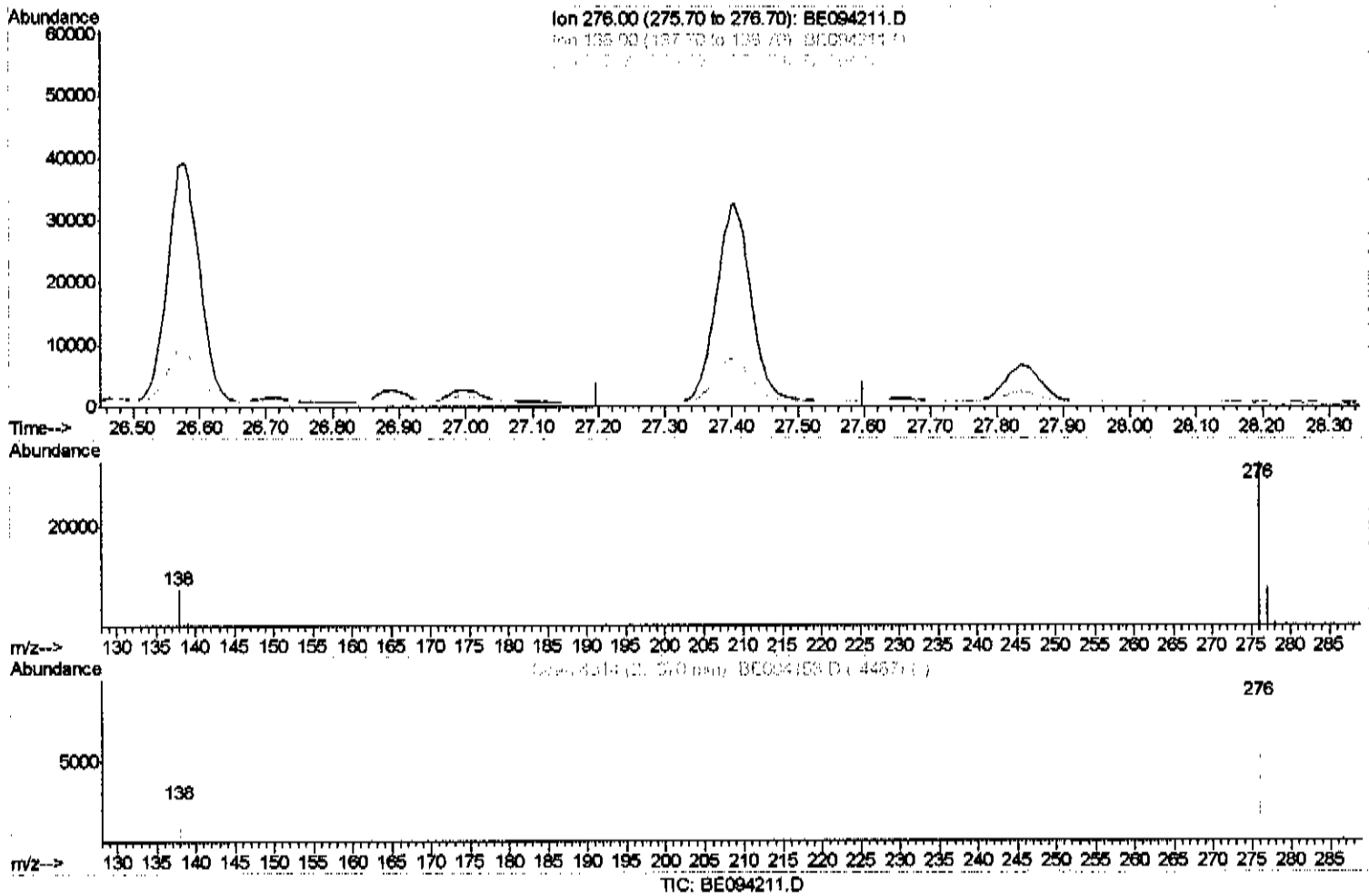
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(26) Benzo(g,h,i)perylene

27.399min (-27.399) 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)

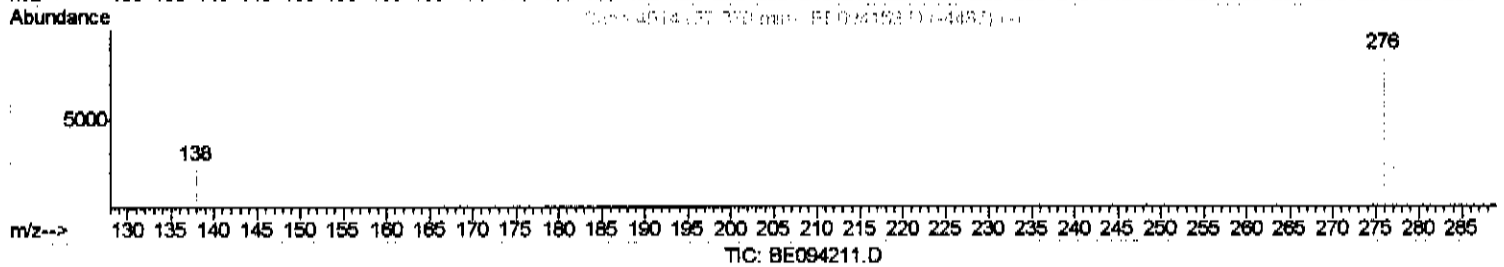
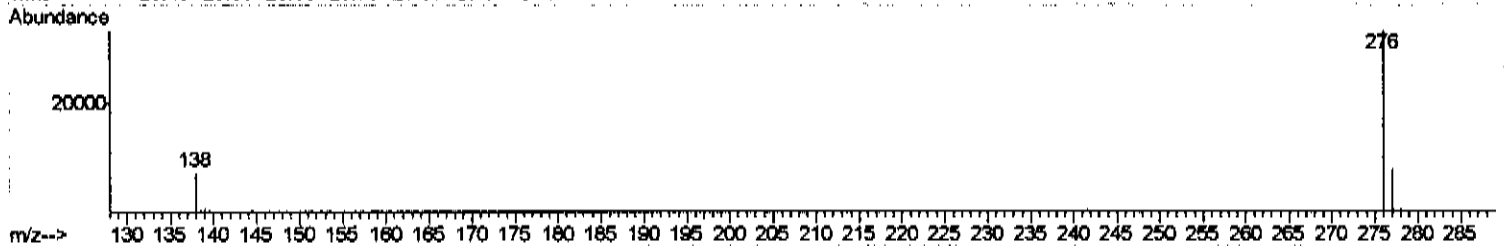
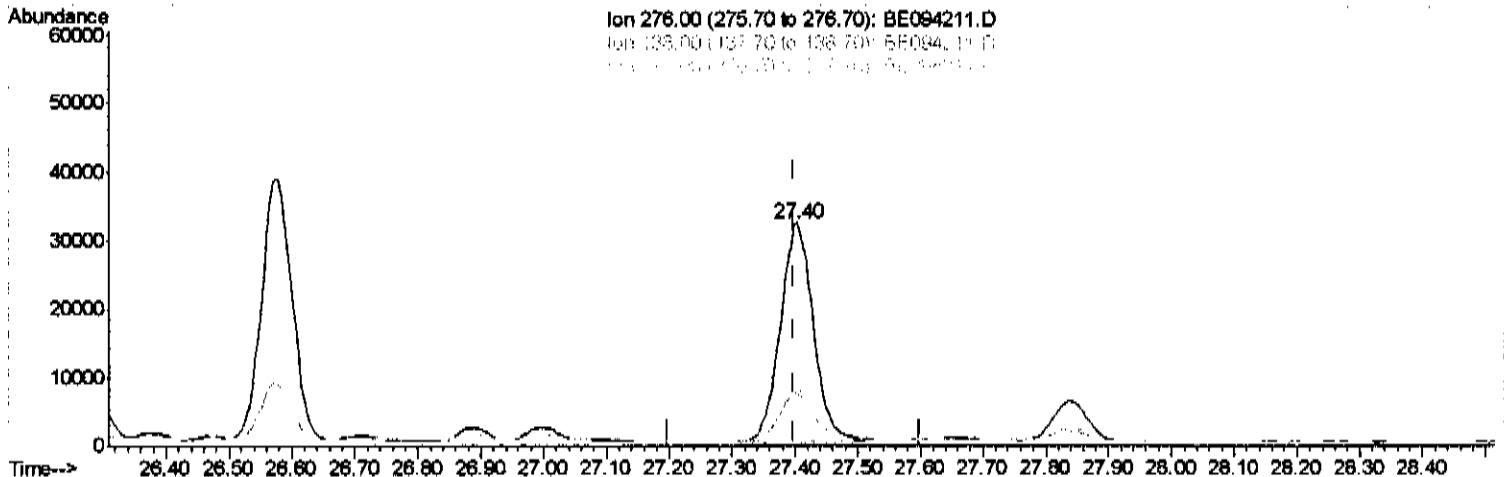
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Sohil
 10/9/2017 6:53:09 PM

Quant Time: Oct 08 03:48:22 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



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

27.403min (+0.004) 5.90ng/ul m *ju 9/11/17*

response 116792

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	24.07
277.00	25.60	25.20
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampled :
B-60(5-7)-092617

Manual Integrations
APPROVED

Sohil
10/9/2017 6:53:09 PM

Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094211.D
Acq On : 7 Oct 2017 20:22
Operator : SJ/JU
Sample : I5449-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 08 03:51:07 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1164	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6492	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4018	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	8106	0.40	ng/ul	-0.03
16) Chrysene-d12	21.41	240	7920	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7947m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	1970	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	4868	0.18	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.74	128	17117	1.076	ng/ul#	91
5) 2-Methylnaphthalene	12.34	142	6507	0.631	ng/ul	98
7) Acenaphthylene	14.24	152	5963	0.381	ng/ul	95
8) Acenaphthene	14.57	153	4907	0.380	ng/ul	98
9) Fluorene	15.56	166	6694	0.443	ng/ul	92
12) Phenanthrene	17.29	178	180500	8.521	ng/ul#	92
13) Anthracene	17.38	178	41305	2.005	ng/ul#	92
15) Fluoranthene	19.30	202	348516	12.522	ng/ul	83
17) Pyrene	19.66	202	332990	15.111	ng/ul#	80
18) Benzo(a)anthracene	21.39	228	194867	9.275	ng/ul#	86
19) Chrysene	21.45	228	193624	7.980	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	248985m	11.533	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	78827m	3.159	ng/ul	
23) Benzo(a)pyrene	23.81	252	177552m	7.915	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.58	276	128093m	5.582	ng/ul	
25) Dibenzo(a,h)anthracene	26.58	278	35145m	1.826	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	116792m	5.900	ng/ul	

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