

Quantitation Report (QT Reviewed)

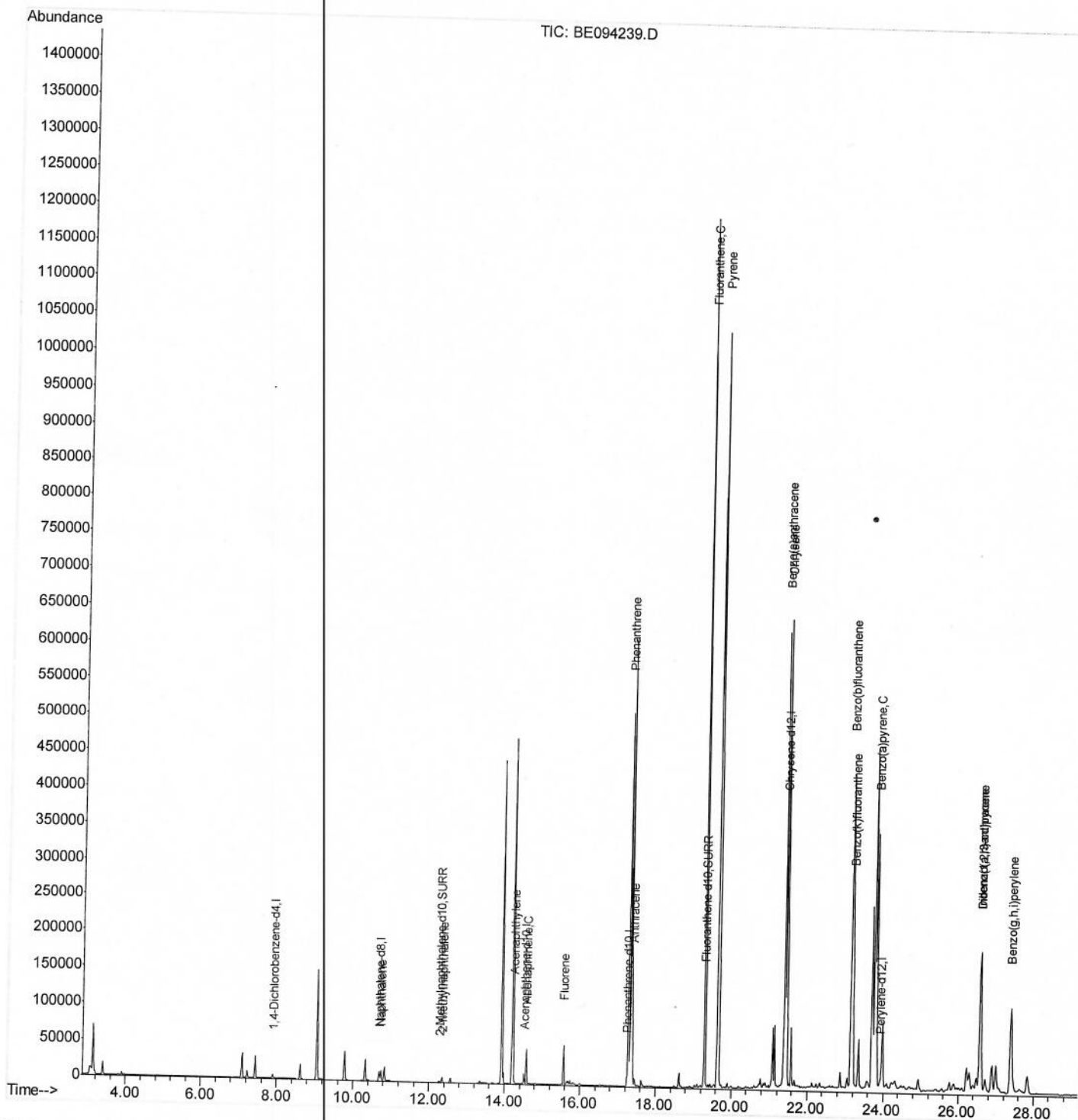
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094239.D
 Acq On : 10 Oct 2017 2:22
 Operator : SJ/JU
 Sample : I5522-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 C0AD3

Manual Integrations
 APPROVED

Sohil
 10/10/2017 4:57:28 PM

Quant Time: Oct 10 11:00:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

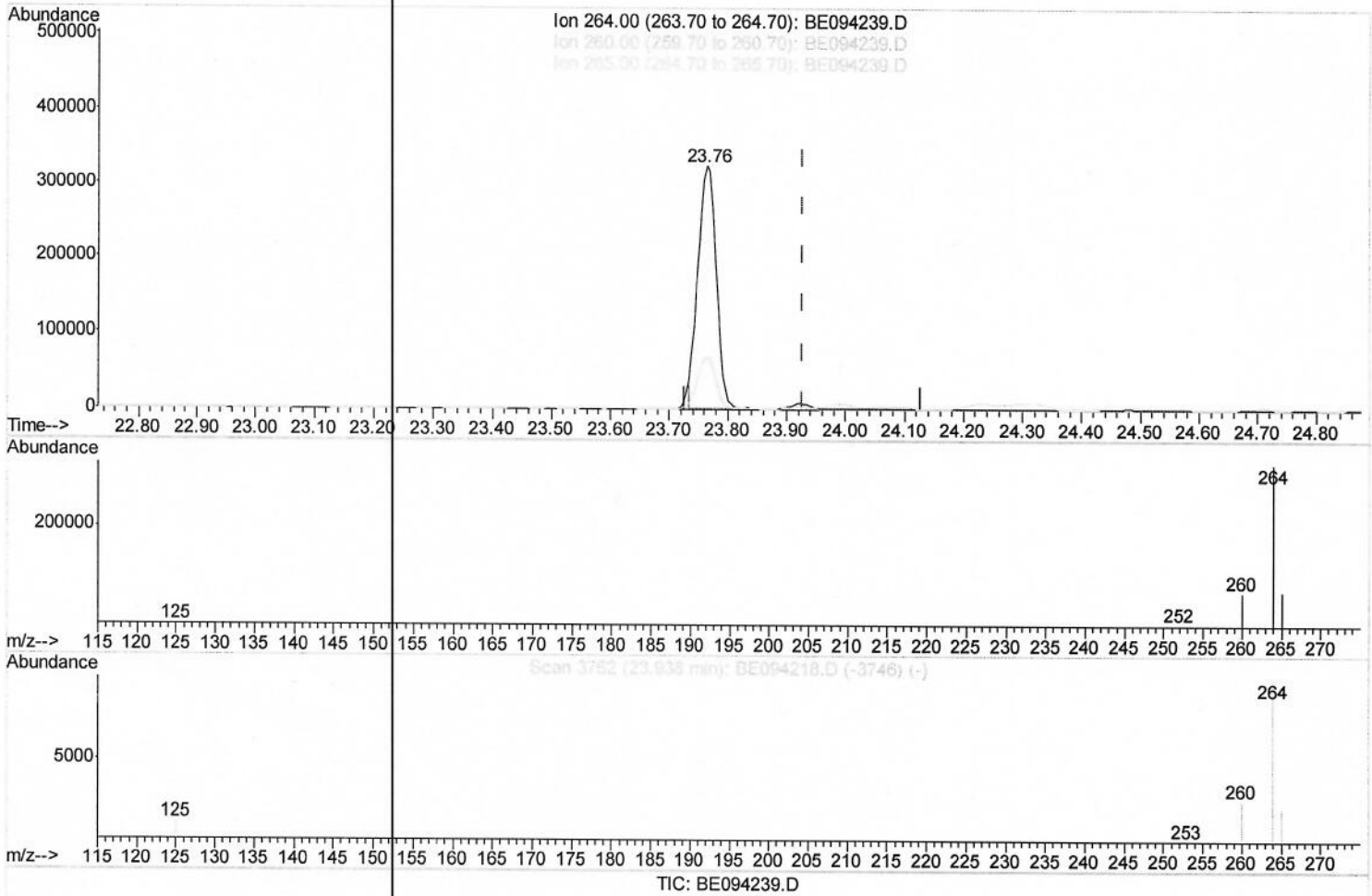
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094239.D
 Acq On : 10 Oct 2017 2:22
 Operator : SJ/JU
 Sample : I5522-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD3

Manual Integrations
 APPROVED

Sohil
 10/10/2017 4:57:28 PM

Quant Time: Oct 10 08:52:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
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(20) Perylene-d12 (I)
 23.765min (-0.163) 0.40ng/ul
 response 695838

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.07#
265.00	103.50	21.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

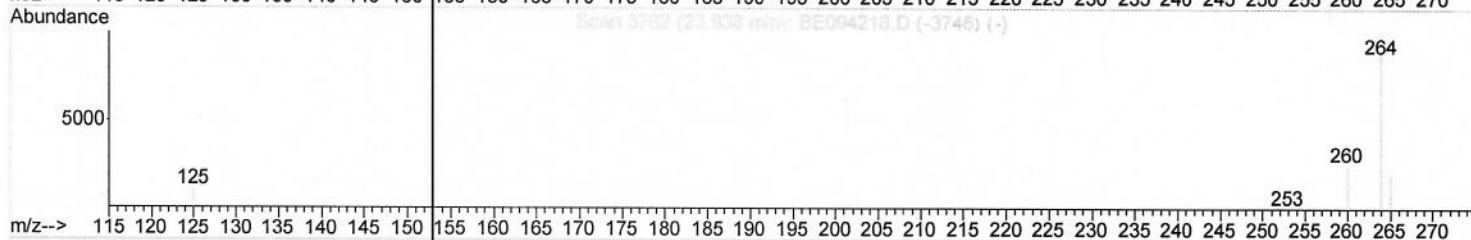
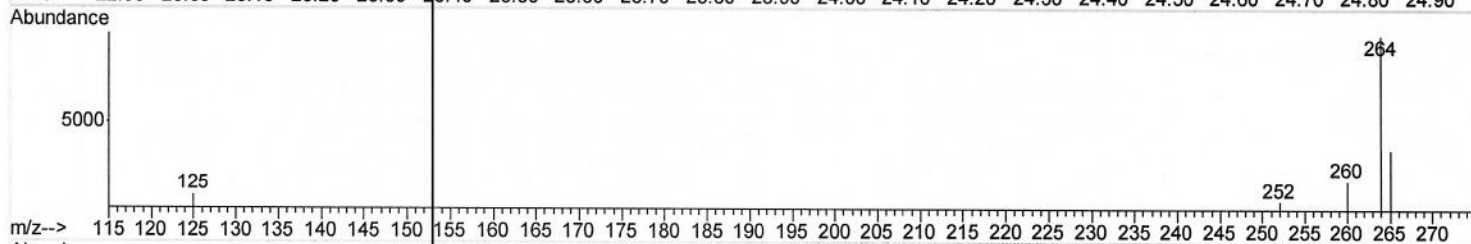
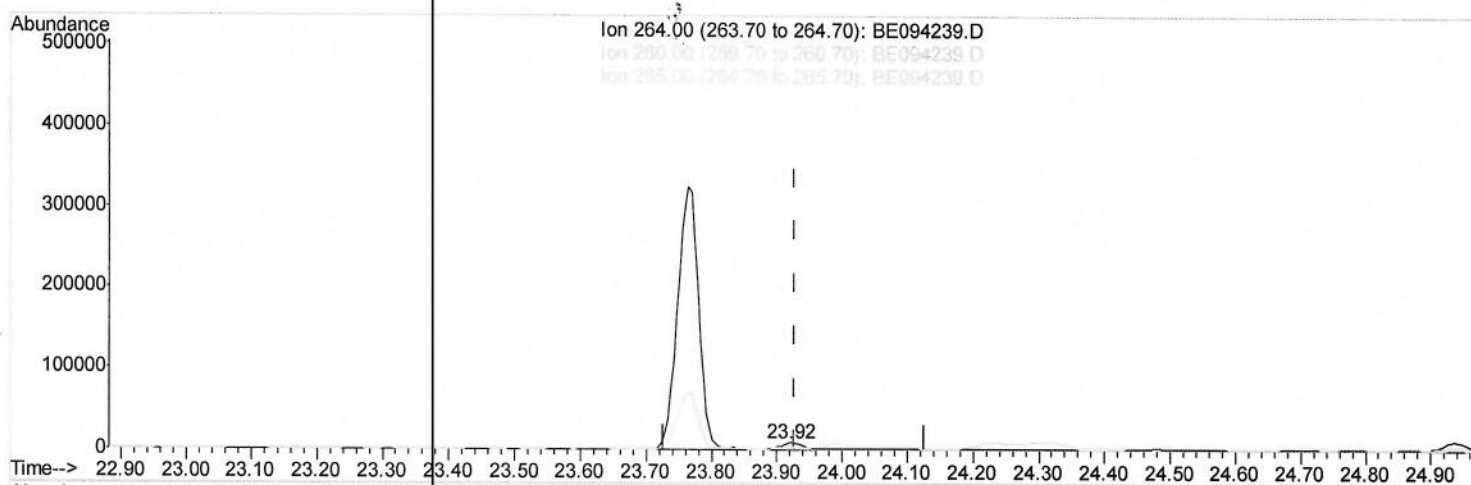
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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TIC: BE094239.D

(20) Perylene-d12 (I)

23.920min (-0.008) 0.40ng/ul m

response 18373

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.44
265.00	103.50	44.33#
0.00	0.00	0.00

SJ 10/10/17

Quantitation Report (Qedit)

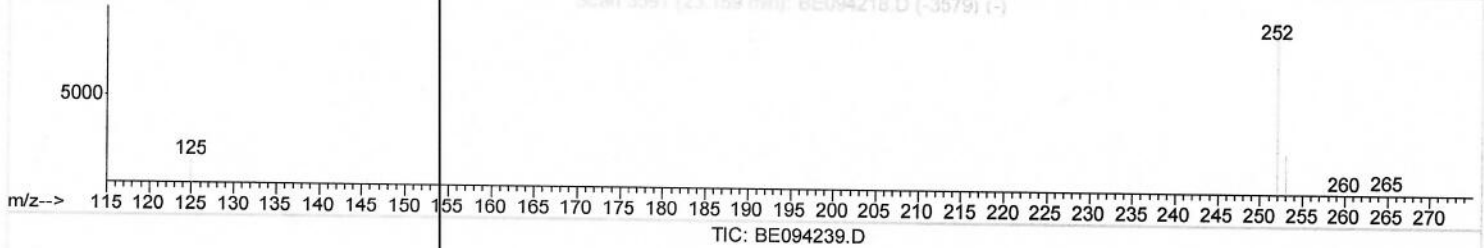
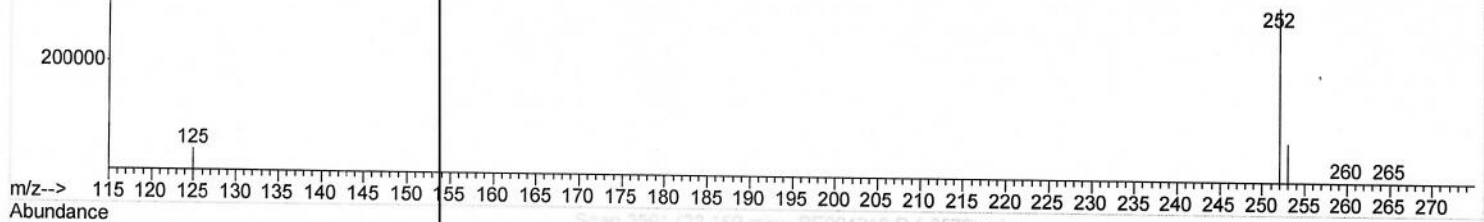
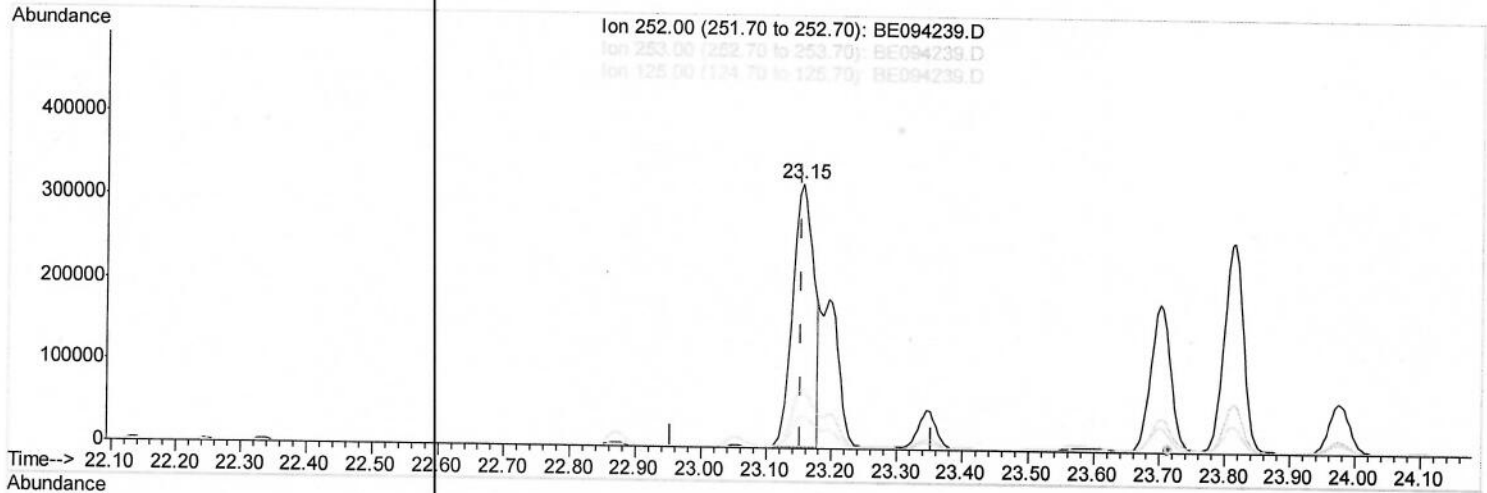
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(21) Benzo(b)fluoranthene
 23.155min (+0.001) 14.40ng/ul
 response 718719

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.93
125.00	17.50	12.27
0.00	0.00	0.00

Quantitation Report (Qedit)

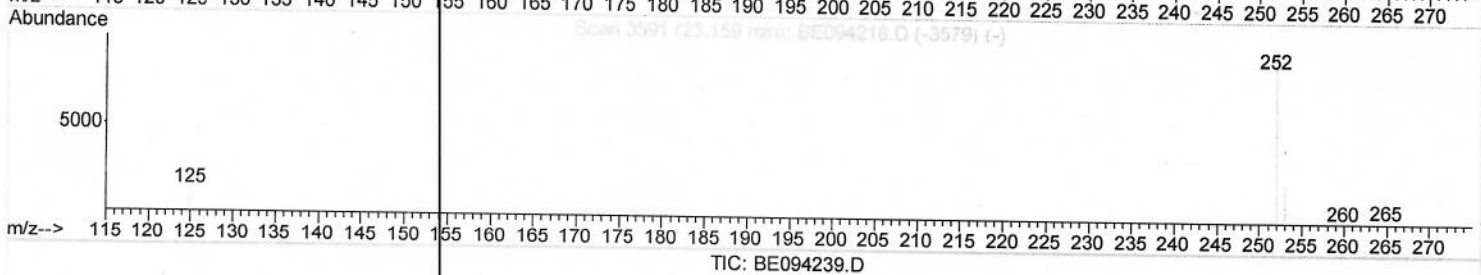
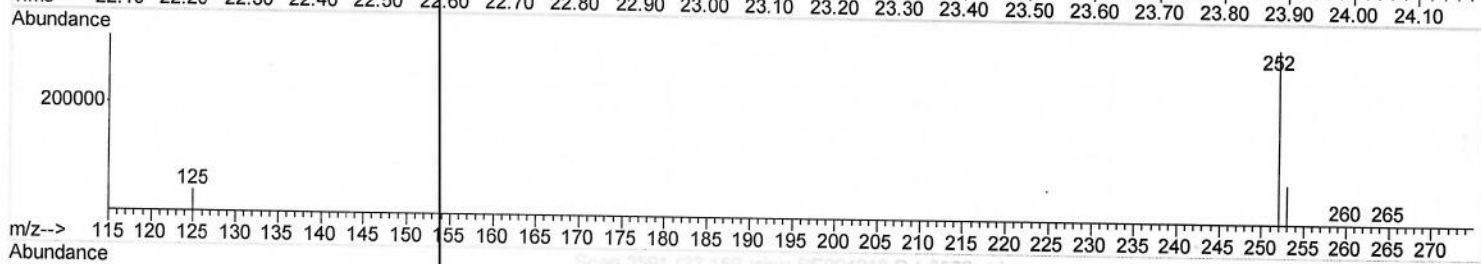
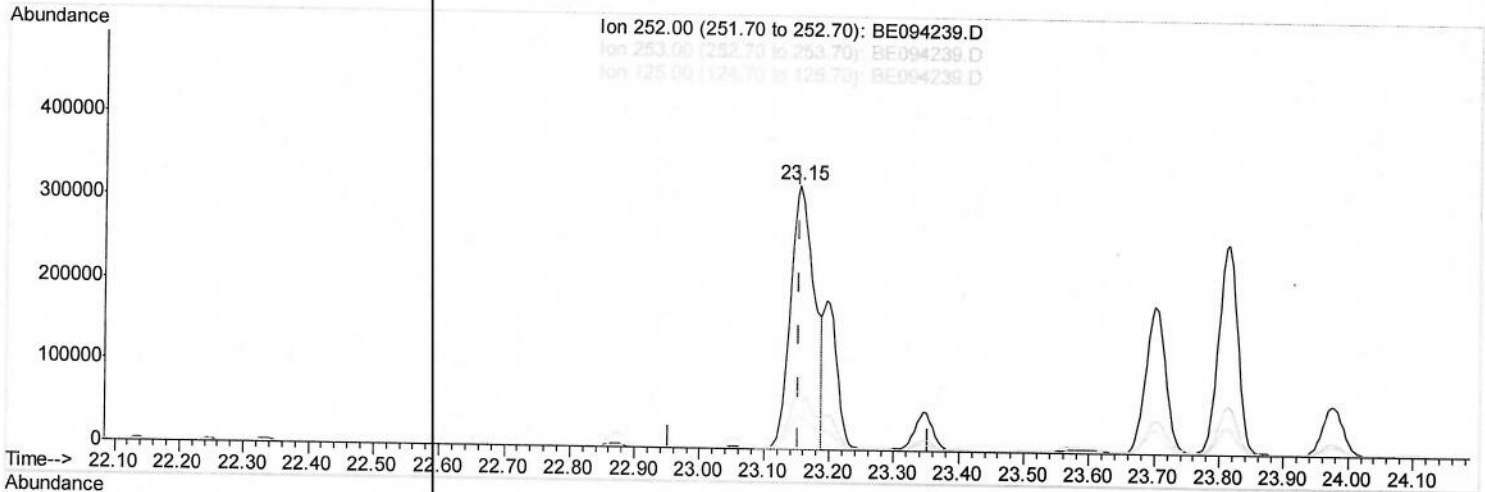
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(21) Benzo(b)fluoranthene
 23.155min (+0.001) 16.33ng/ul m
 response 815144

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.93
125.00	17.50	12.27
0.00	0.00	0.00

SJ 10/10/17

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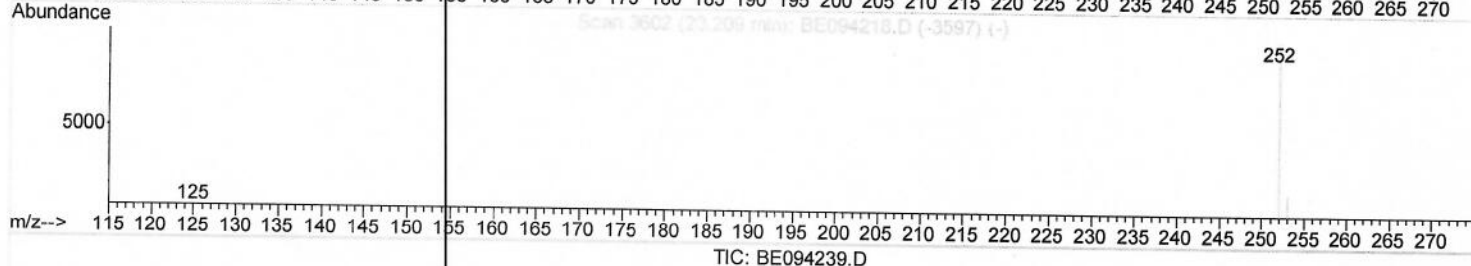
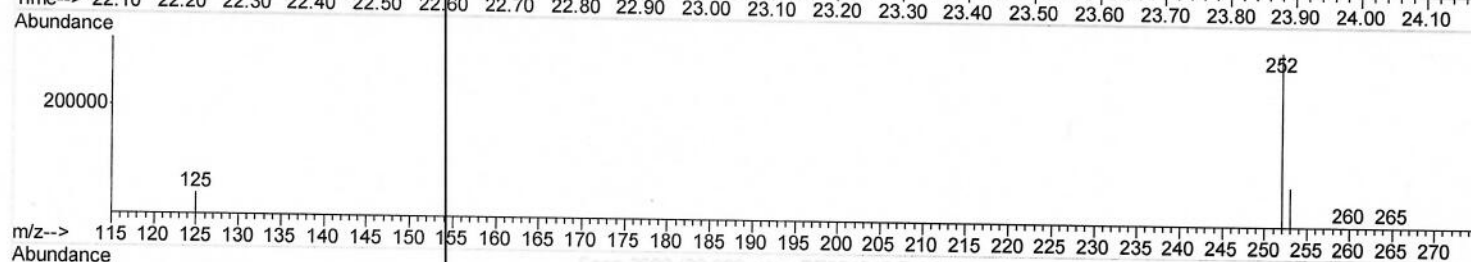
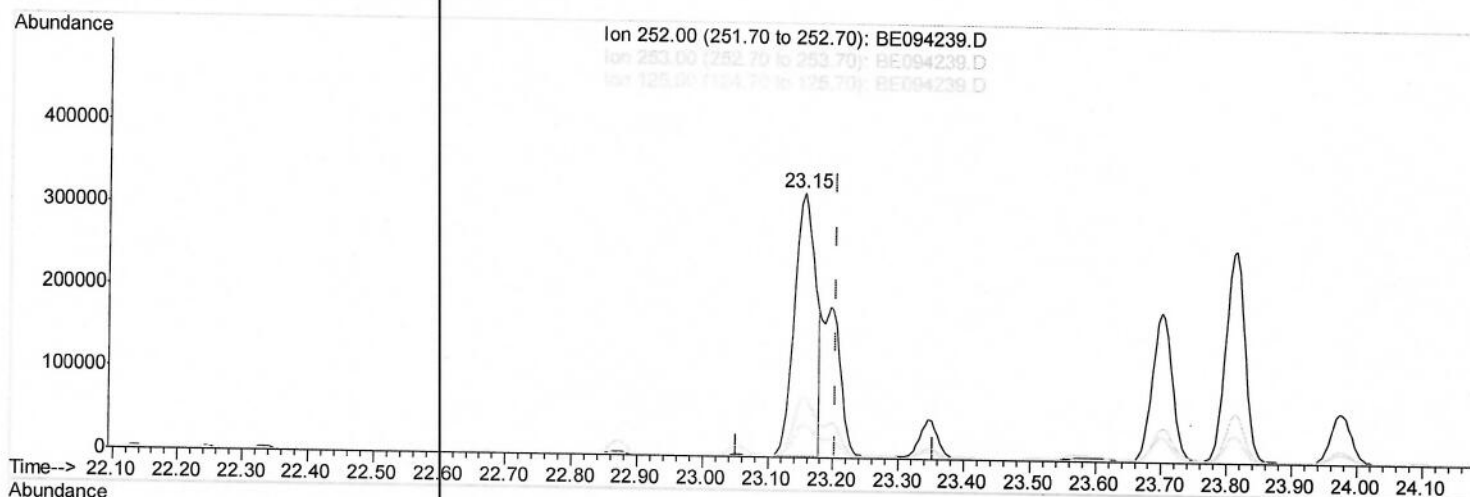
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(22) Benzo(k)fluoranthene

23.155min (-0.049) 12.46ng/ul

response 718719

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.93#
125.00	17.10	12.27#
0.00	0.00	0.00

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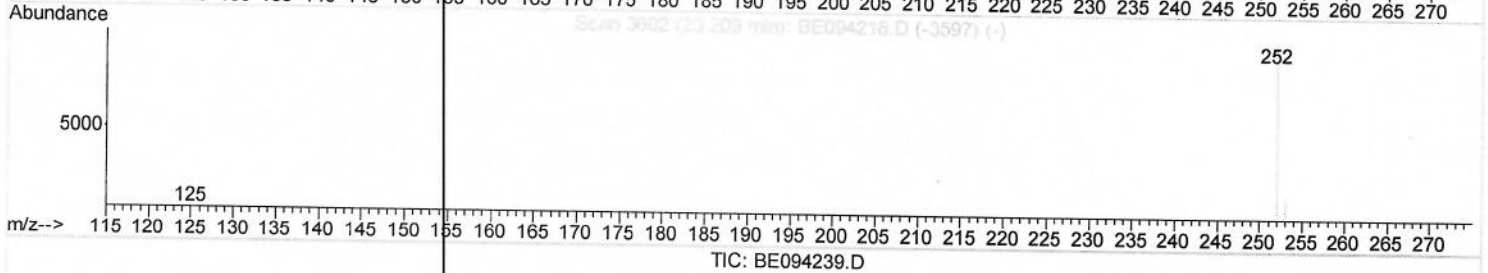
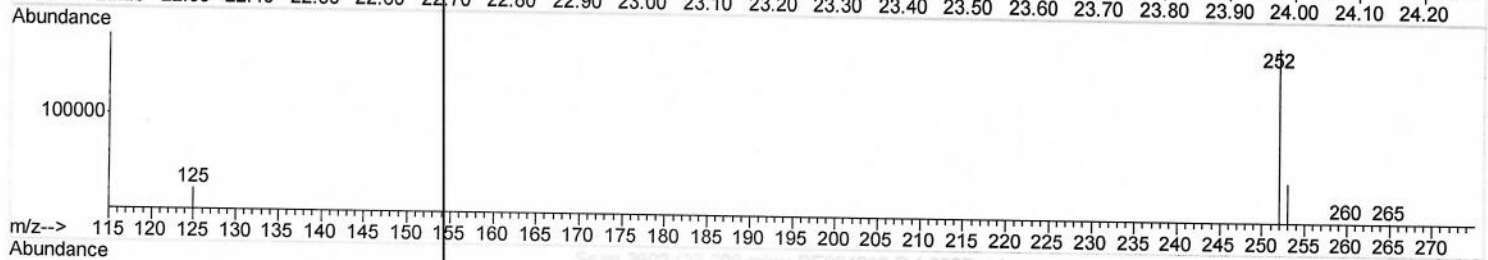
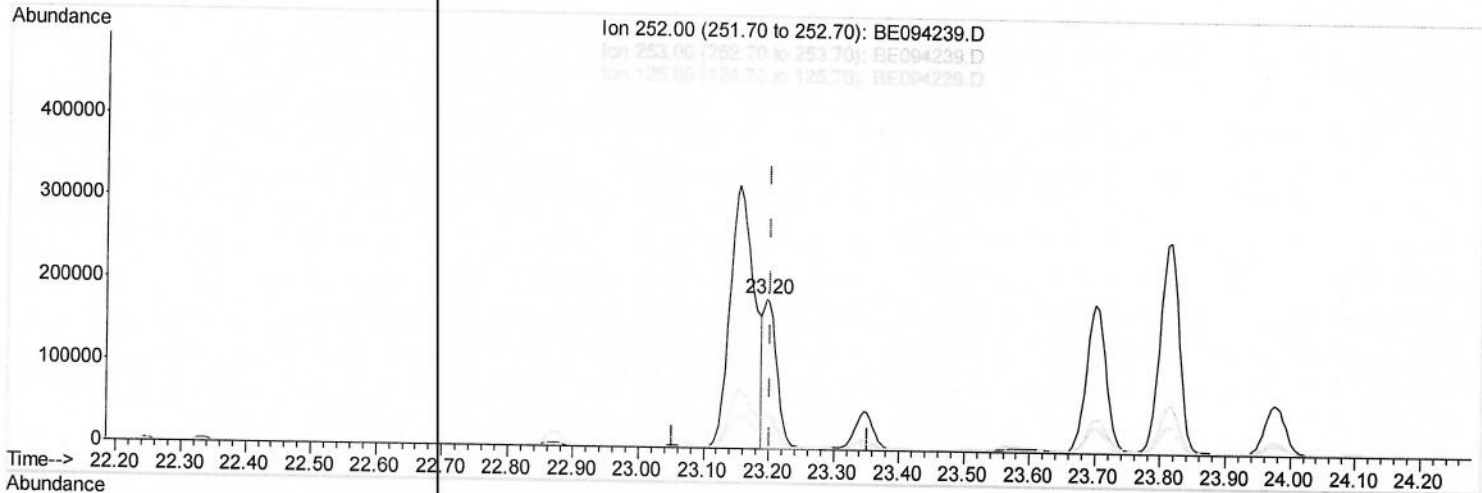
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(22) Benzo(k)fluoranthene
 23.195min (-0.008) 4.86ng/ul m
 response 280644

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.57#
125.00	17.10	12.42#
0.00	0.00	0.00

SJ 10/10/17

Quantitation Report (Qedit)

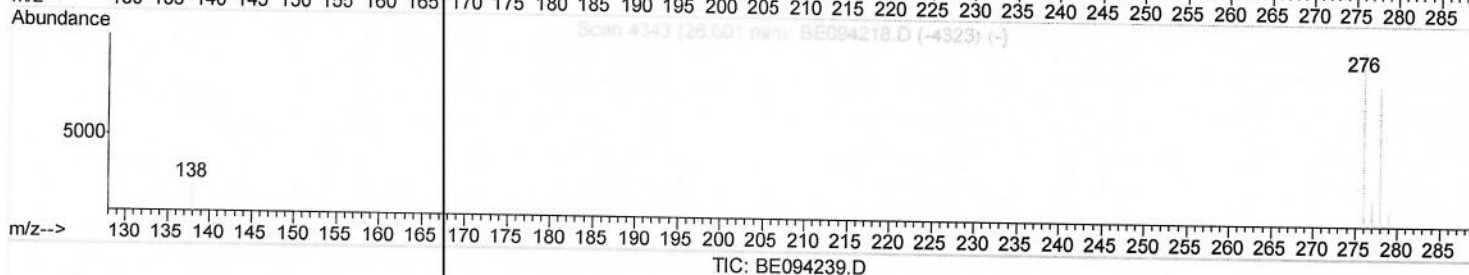
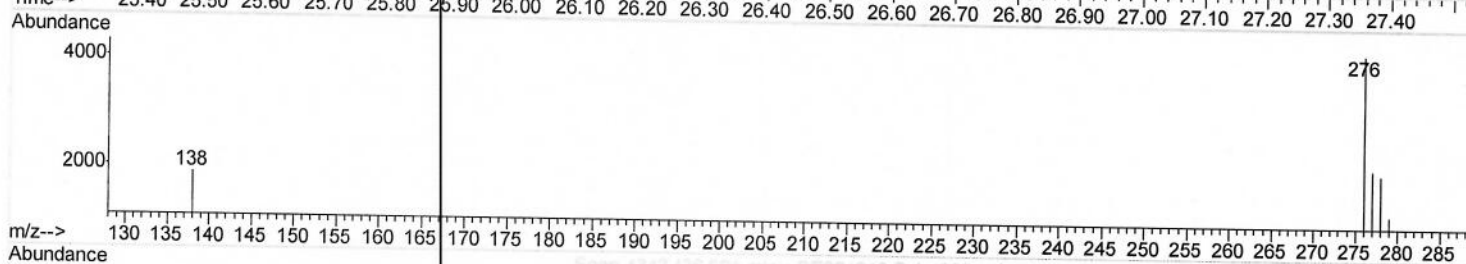
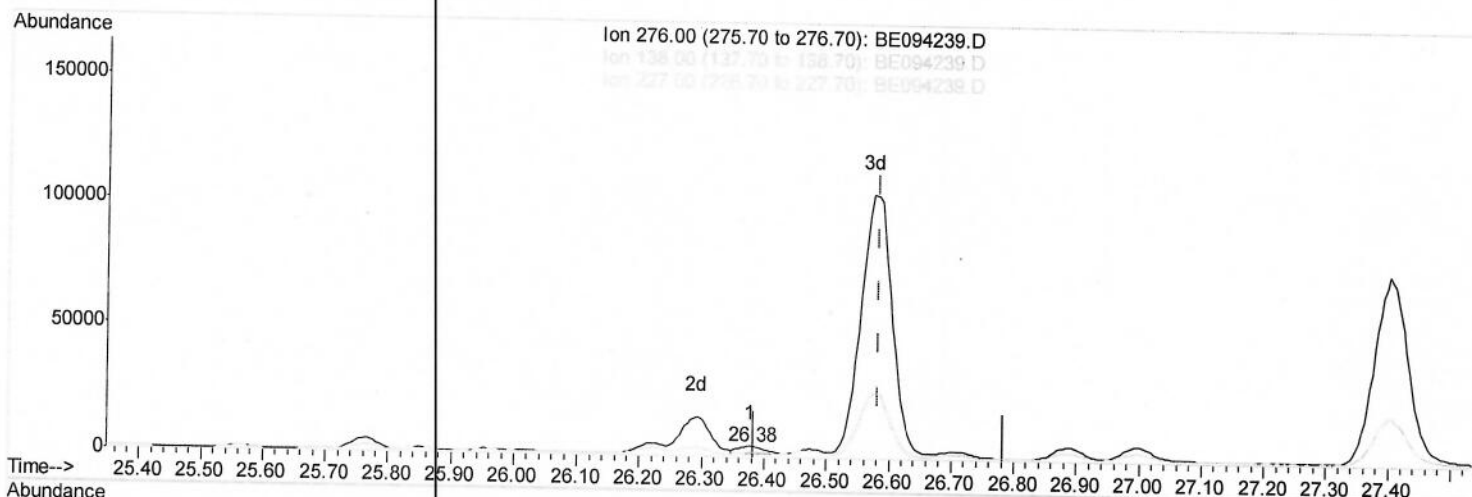
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(24) Indeno(1,2,3-cd)pyrene

26.377min (-0.206) 0.15ng/ul

response 7707

Ion	Exp%	Act%
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276.00	100	100
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138.00	35.00	31.80
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227.00	10.00	0.00#
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0.00	0.00	0.00
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Quantitation Report (Qedit)

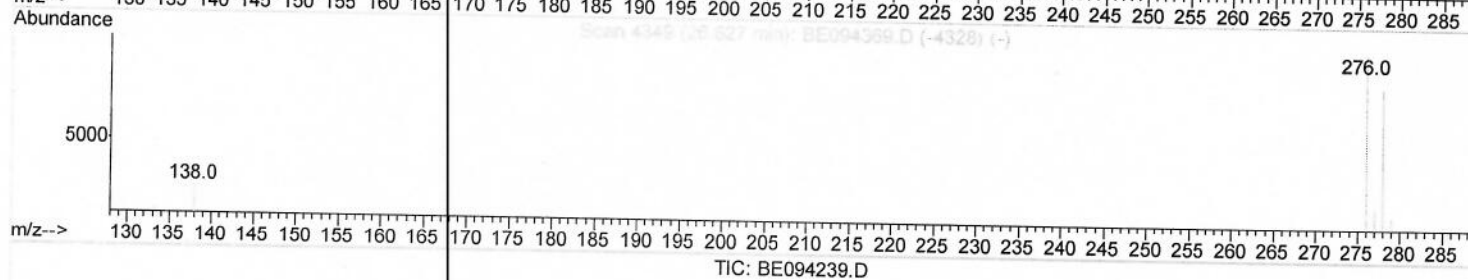
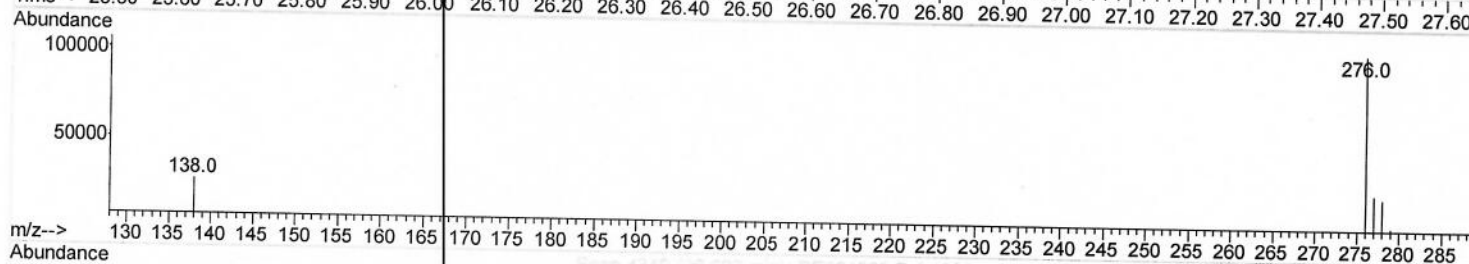
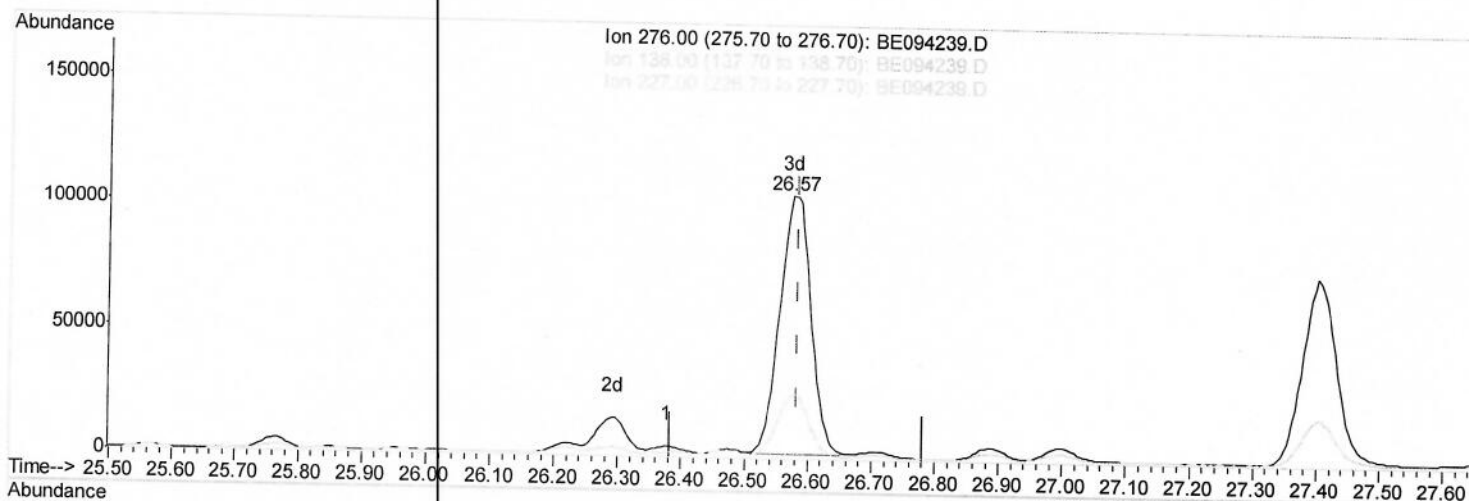
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Manual Integrations
 APPROVED

Sohil
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(24) Indeno(1,2,3-cd)pyrene
 26.573min (-0.010) 6.63ng/ul m
 response 351565

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.70#
227.00	10.00	0.00#
0.00	0.00	0.00

SJ 10/10 117

Quantitation Report (Qedit)

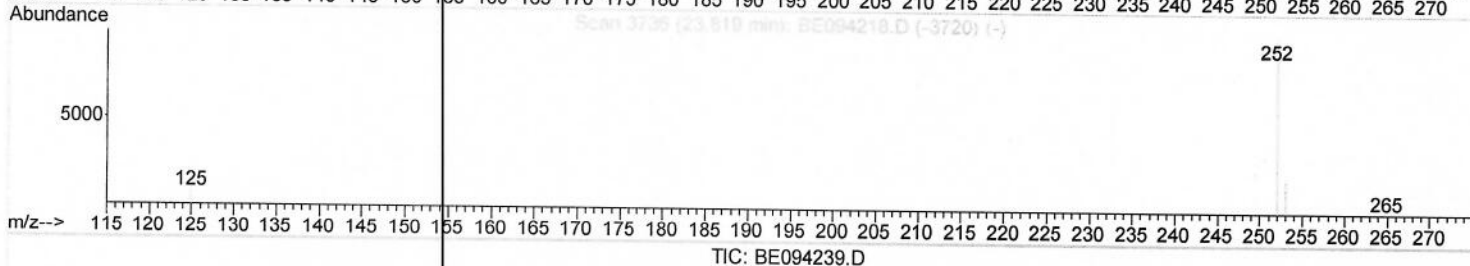
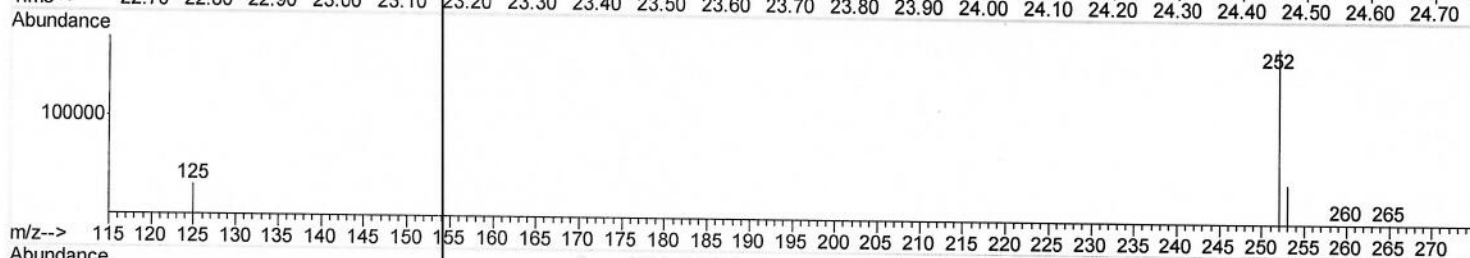
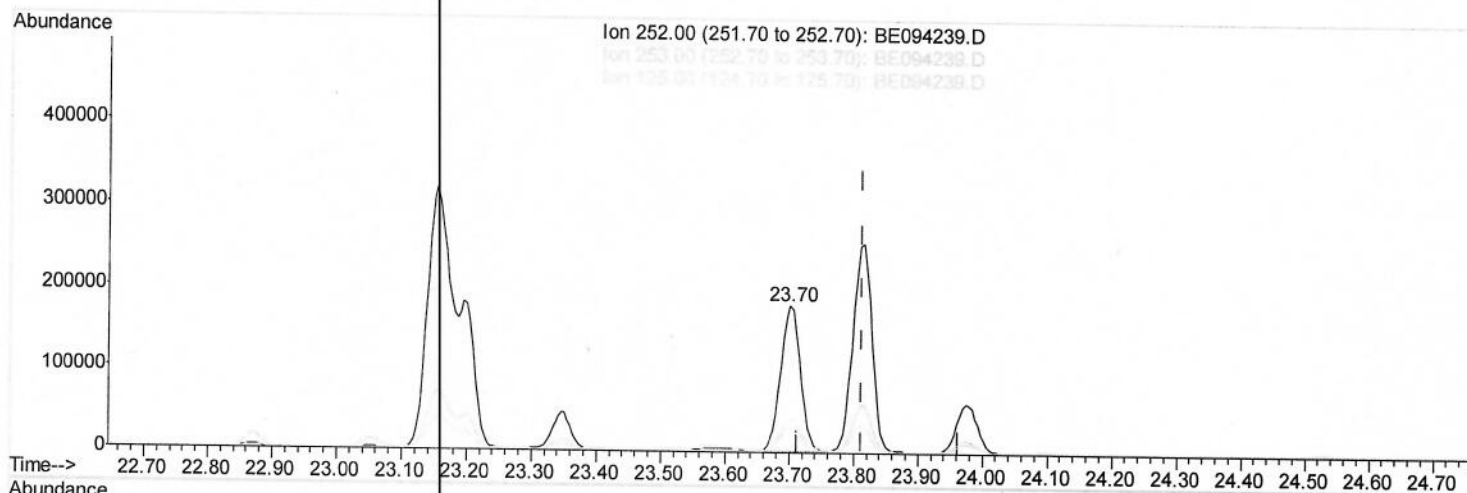
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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TIC: BE094239.D

(23) Benzo(a)pyrene (C)
 23.701min (-0.112) 7.35ng/ul
 response 381306

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.52#
125.00	22.60	17.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

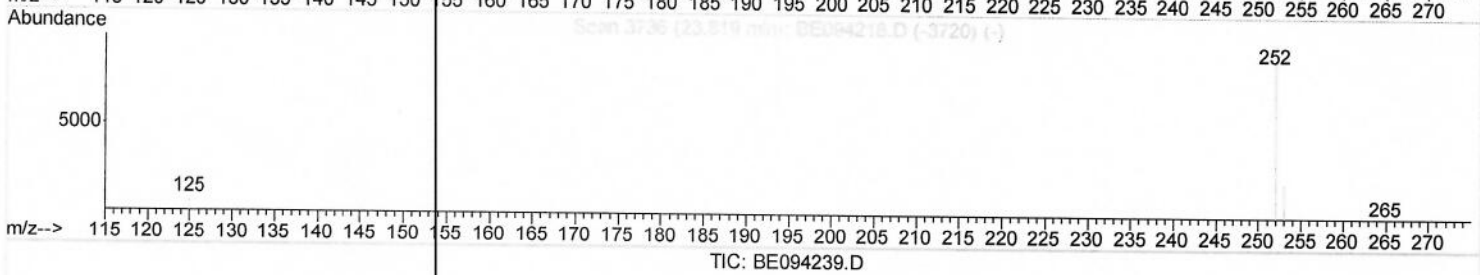
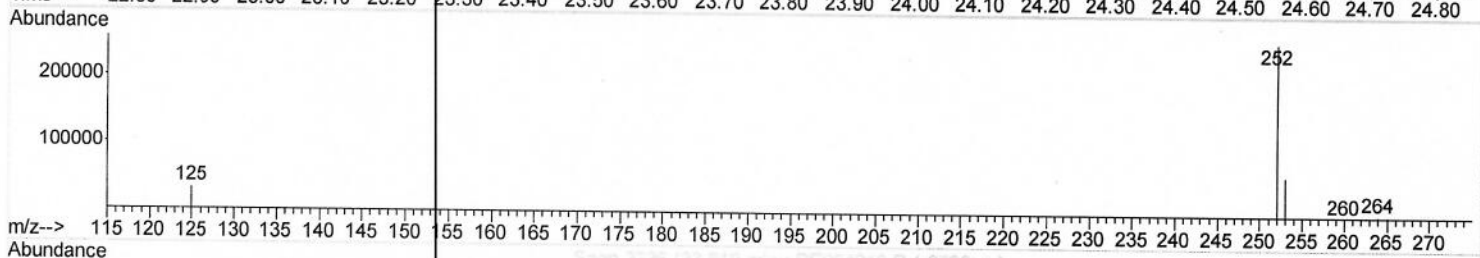
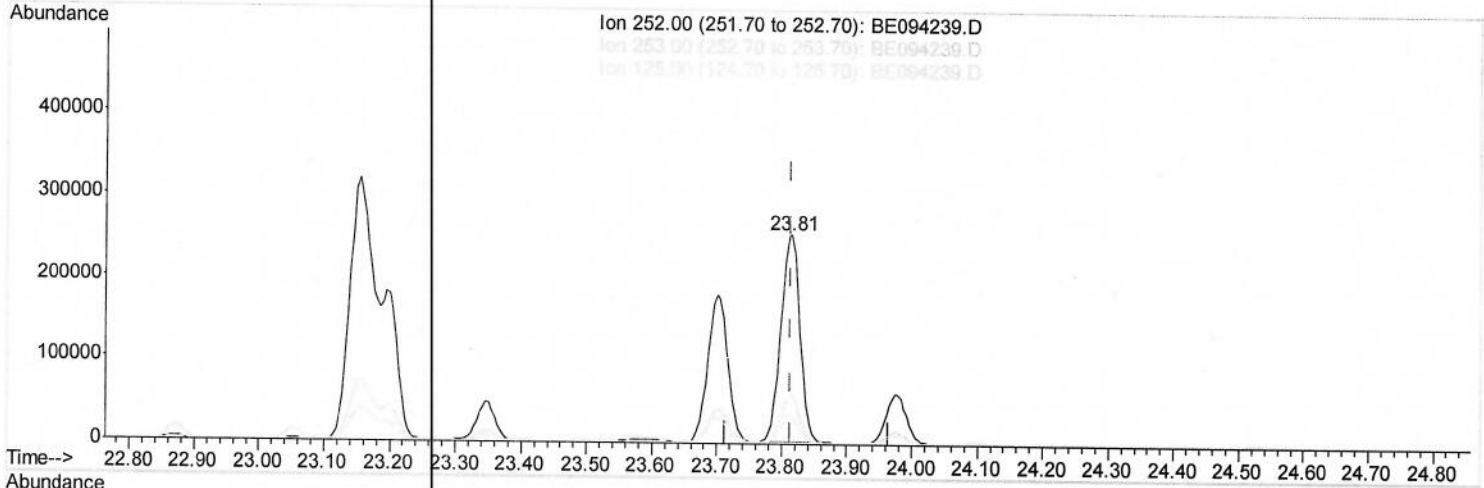
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(23) Benzo(a)pyrene (C)
 23.815min (+0.001) 9.87ng/ul m
 response 511671

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.28#
125.00	22.60	12.74#
0.00	0.00	0.00

SJ 10/10/17

Quantitation Report (Qedit)

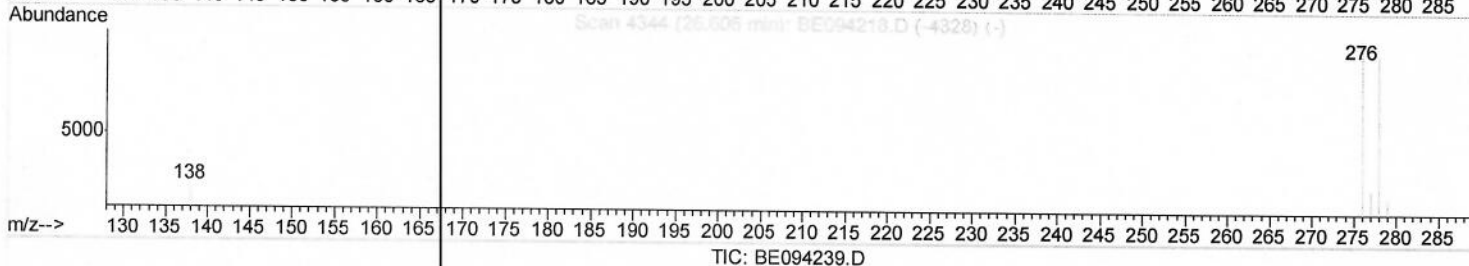
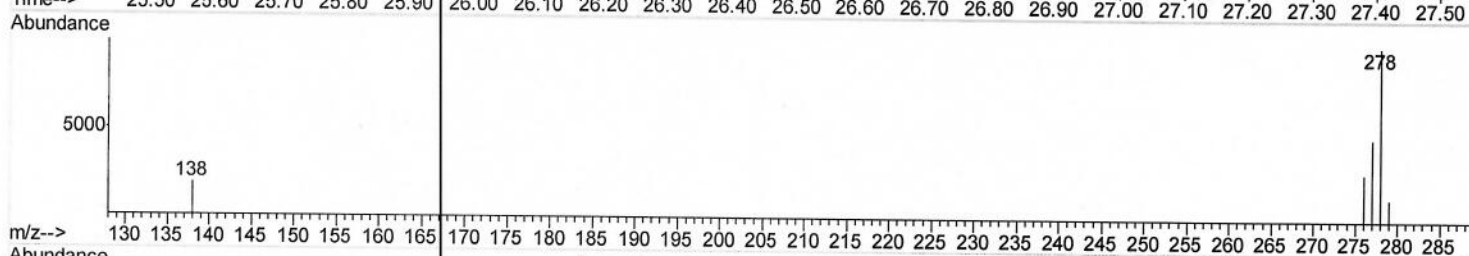
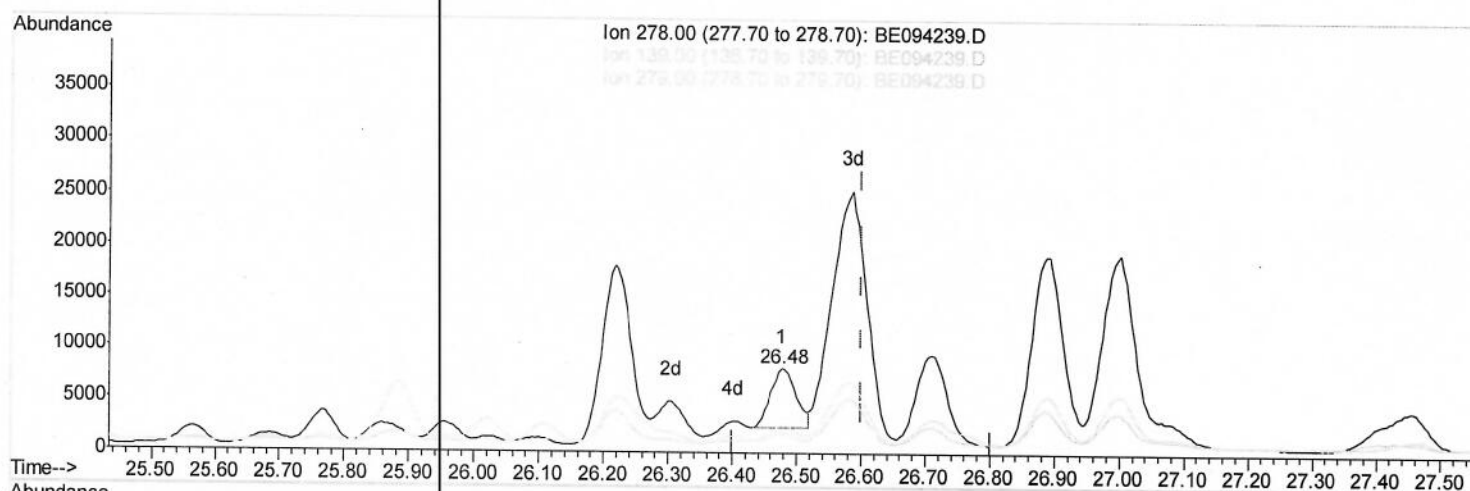
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(25) Dibenzo(a,h)anthracene

26.478min (-0.124) 0.36ng/ul

response 15825

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	22.79
279.00	32.40	33.04
0.00	0.00	0.00

Quantitation Report (Qedit)

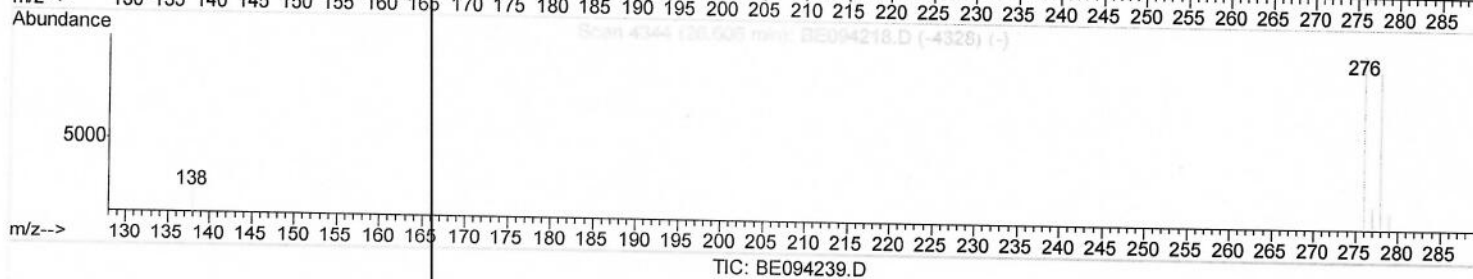
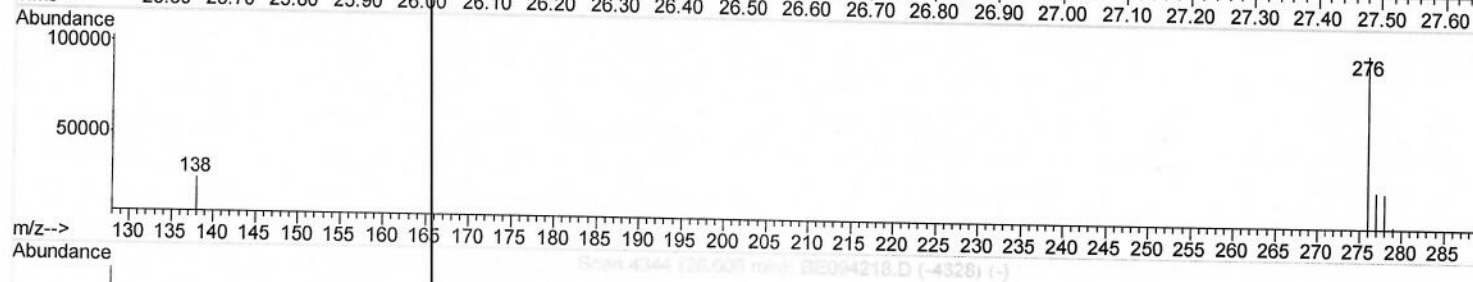
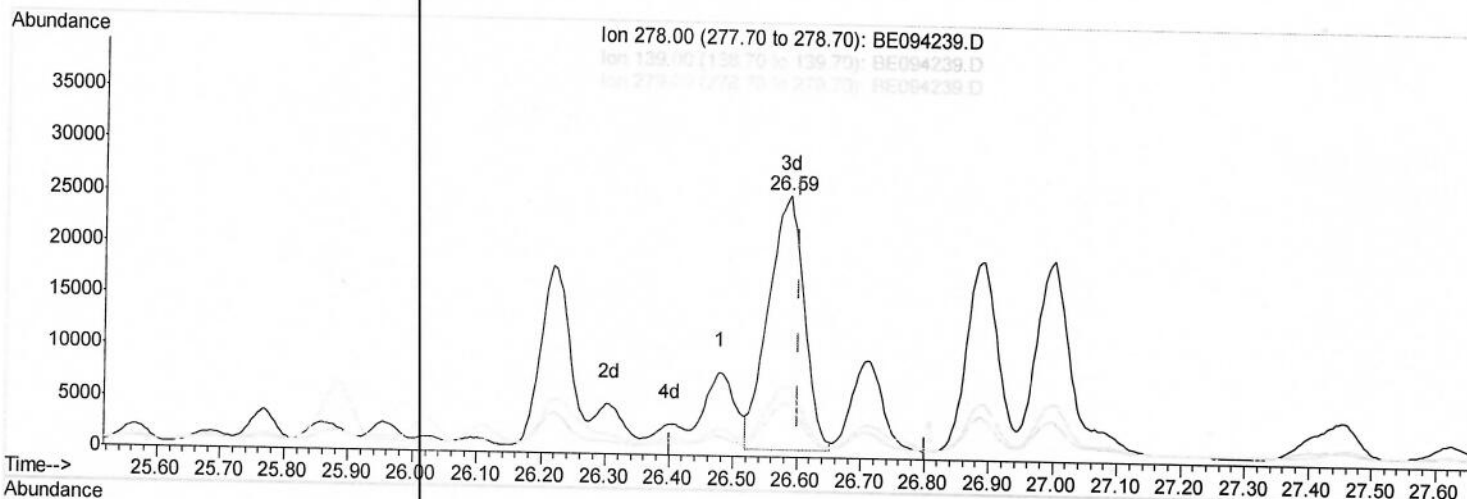
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(25) Dibenzo(a,h)anthracene
 26.587min (-0.014) 2.15ng/ul m
 response 95827

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.10
279.00	32.40	26.61
0.00	0.00	0.00

SJ 10/10/17

Quantitation Report (Qedit)

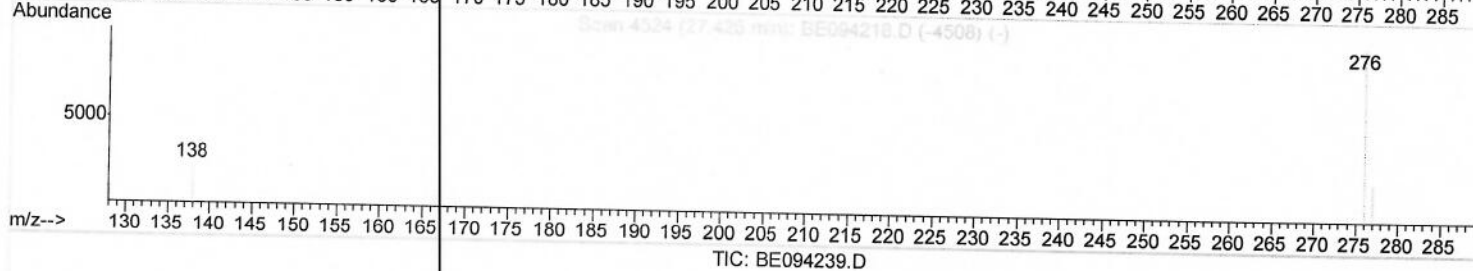
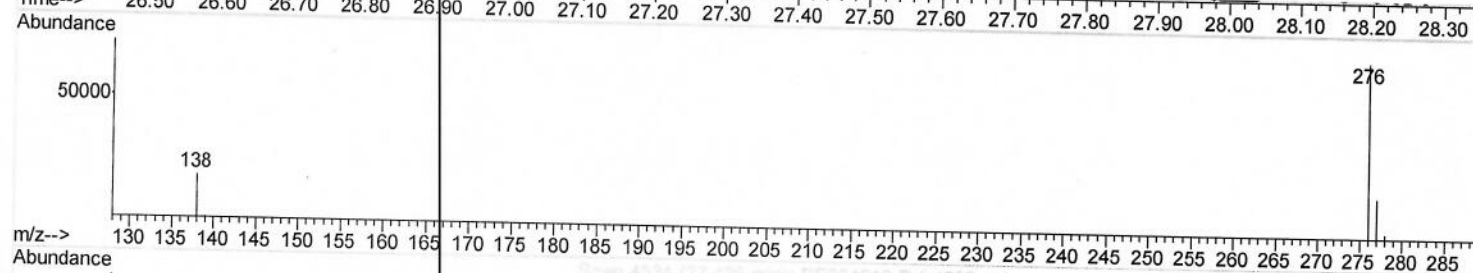
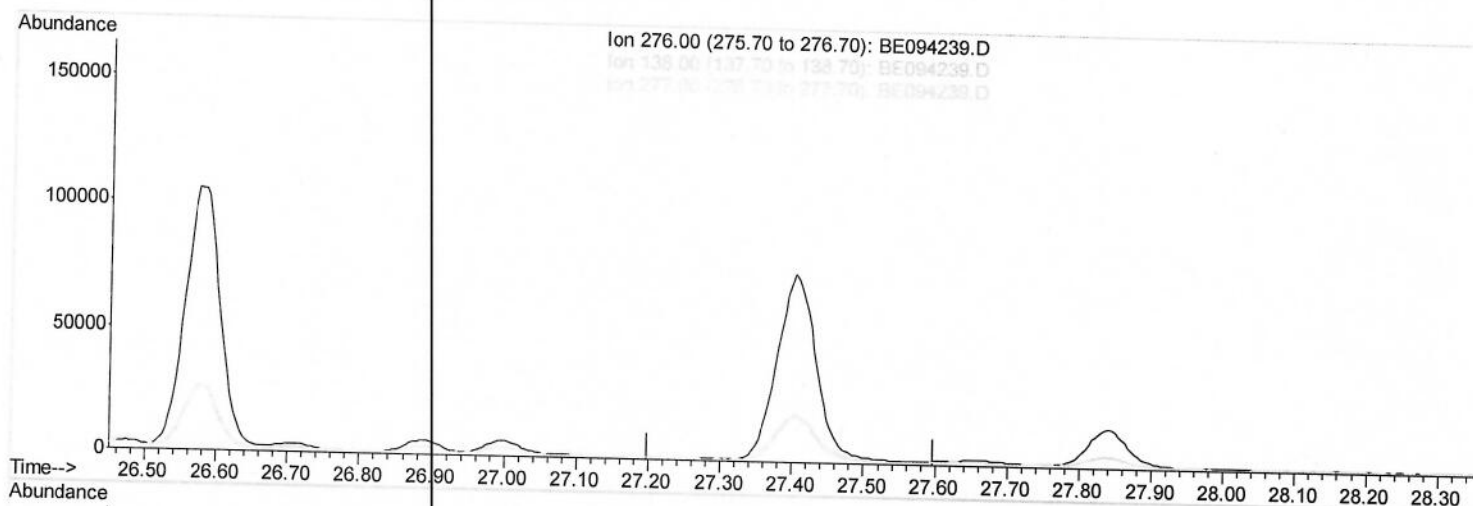
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(26) Benzo(g,h,i)perylene
 27.399min (-27.399) 0.00ng/ul
 response 0

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

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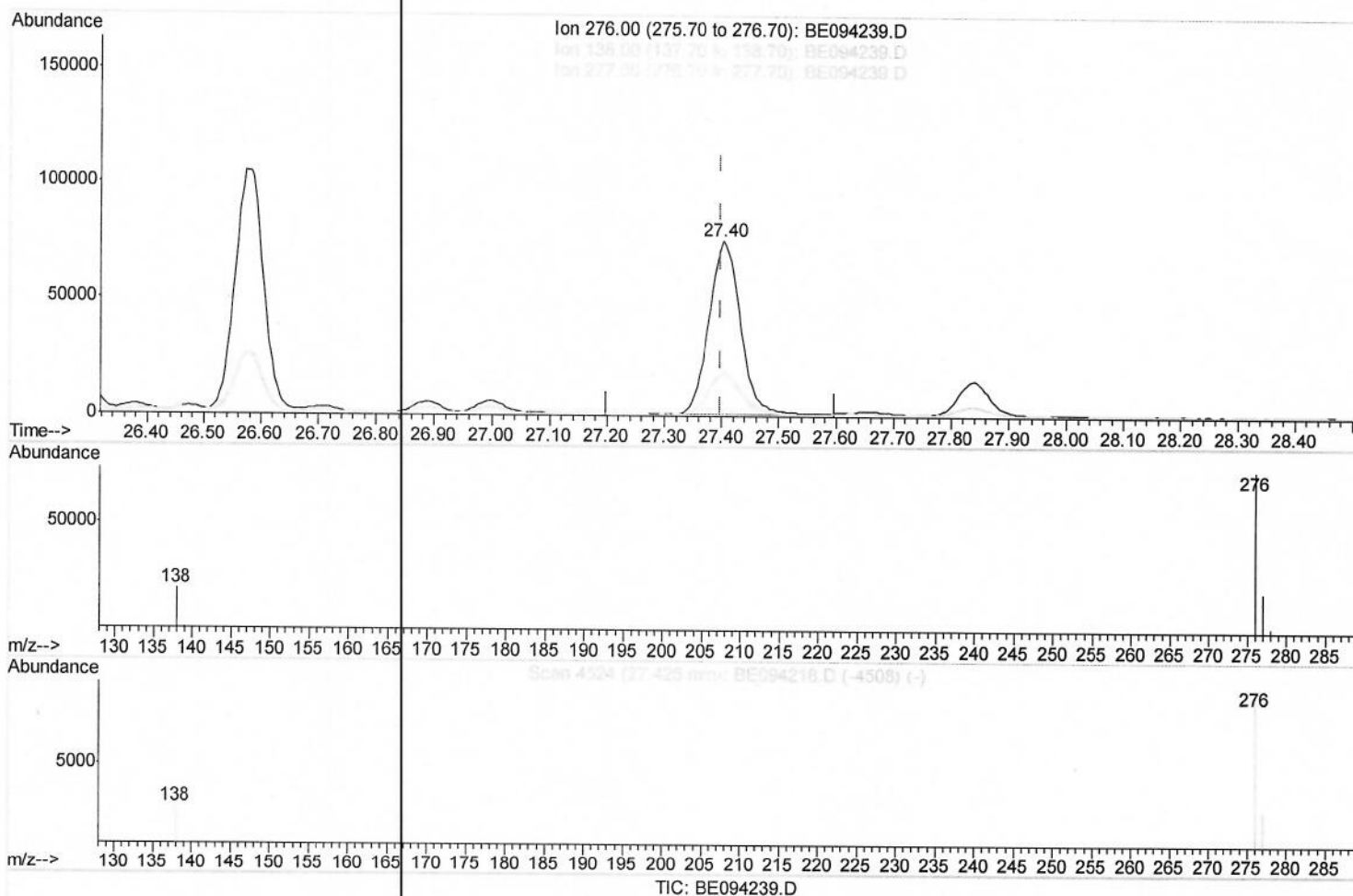
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Sohil
 10/10/2017 4:57:28 PM

Quant Time: Oct 10 10:27:24 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
 27.403min (+0.004) 6.21ng/ul m
 response 284322

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.36
277.00	25.60	24.68
0.00	0.00	0.00

SJ 10110 117

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094239.D
 Acq On : 10 Oct 2017 2:22
 Operator : SJ/JU
 Sample : I5522-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sample ID :
 C0AD3

Manual Integrations
 APPROVED

Sohil
 10/10/2017 4:57:28 PM

Quant Time: Oct 10 11:00:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2699	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13536	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8041	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	16996	0.40	ng/ul	-0.03
16) Chrysene-d12	21.41	240	16199	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	18373m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4030	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	9651	0.17	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.74	128	21423	0.65	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	7050	0.33	ng/ul	98
7) Acenaphthylene	14.24	152	5464	0.17	ng/ul	99
8) Acenaphthene	14.57	153	28619	1.11	ng/ul	97
9) Fluorene	15.56	166	35626	1.18	ng/ul#	92
12) Phenanthrene	17.29	178	642730	14.47	ng/ul#	92
13) Anthracene	17.38	178	149321	3.46	ng/ul#	92
15) Fluoranthene	19.30	202	1359167	23.29	ng/ul	84
17) Pyrene	19.66	202	1124440	24.95	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	601695	14.00	ng/ul#	86
19) Chrysene	21.45	228	651424	13.13	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	815144m	16.33	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	280644m	4.86	ng/ul	
23) Benzo(a)pyrene	23.81	252	511671m	9.87	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	351565m	6.63	ng/ul	
25) Dibenzo(a,h)anthracene	26.59	278	95827m	2.15	ng/ul	
26) Benzo(a,h,i)perylene	27.40	276	284322m	6.21	ng/ul	

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

85
 10 110 117