

Quantitation Report (Qedit)

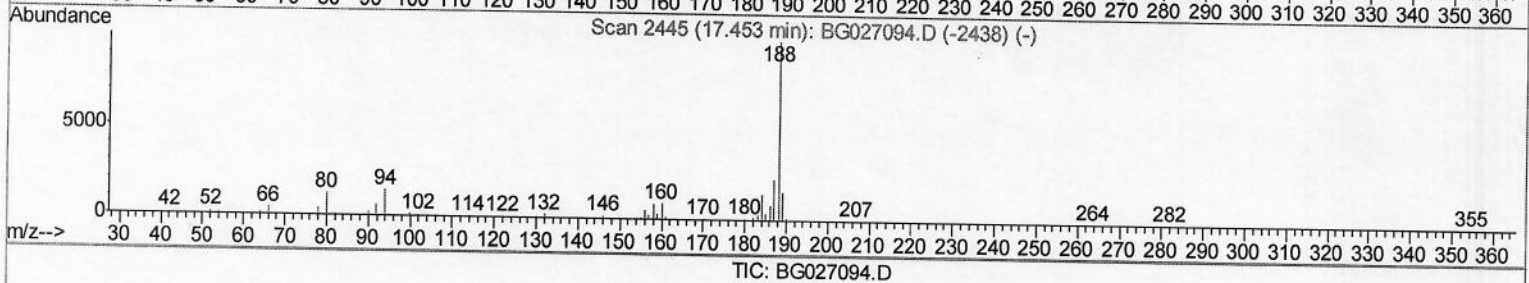
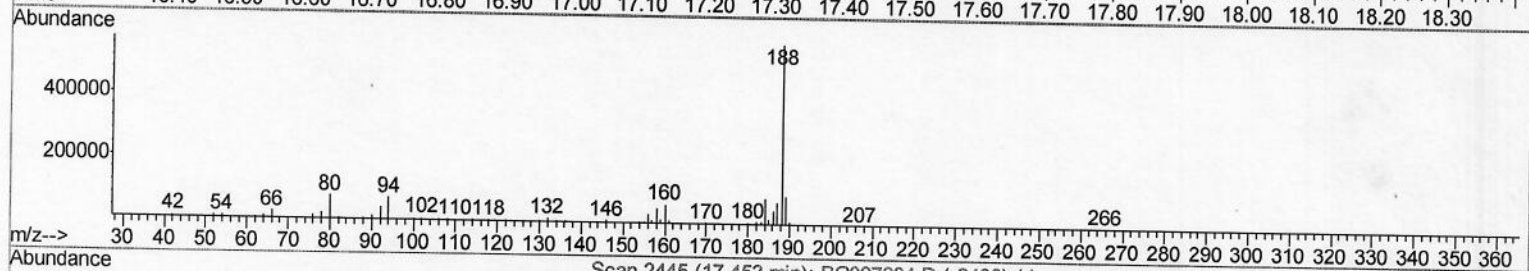
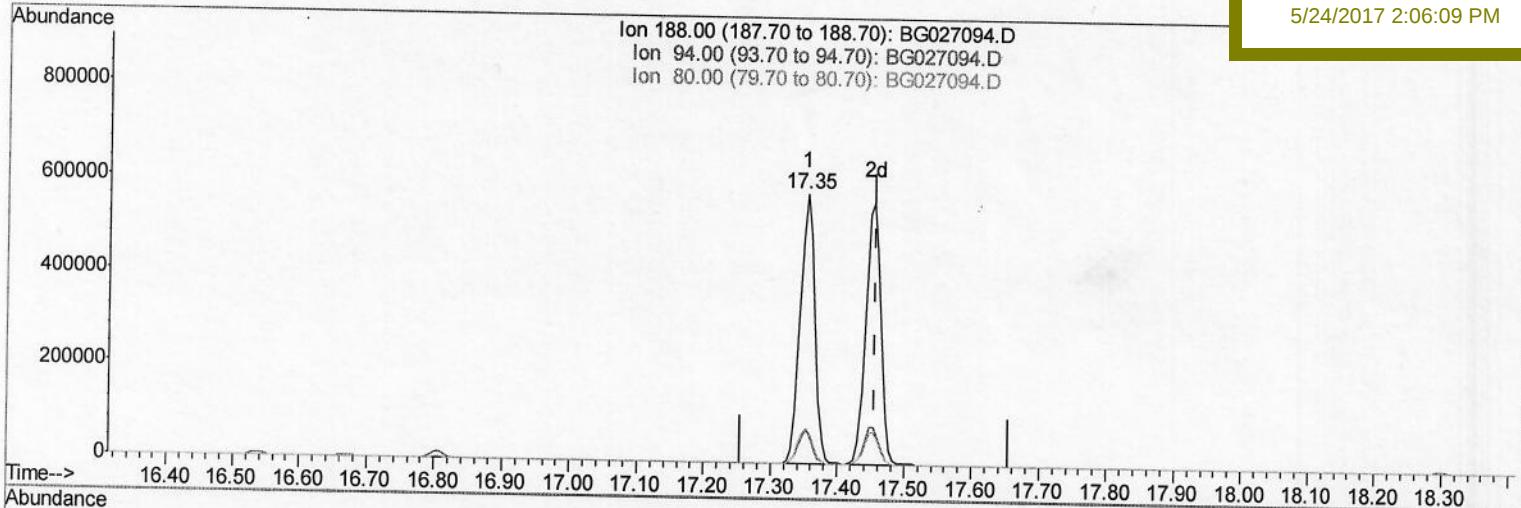
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
 Data File : BG027094.D
 Acq On : 23 May 2017 14:39
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
LabSampleId :
 SSTD02058

Manual Integrations
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Quant Time: May 23 17:47:31 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 15:27:27 2017
 Response via : Initial Calibration



TIC: BG027094.D

(14) Anthracene-d10 (S)

17.353min (-0.103) 20.51ng/ul

response 869983

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	12.08
80.00	11.80	12.95
0.00	0.00	0.00

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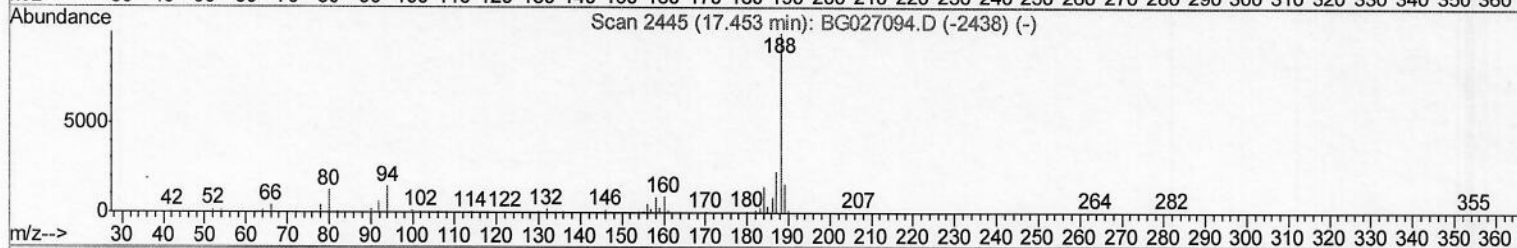
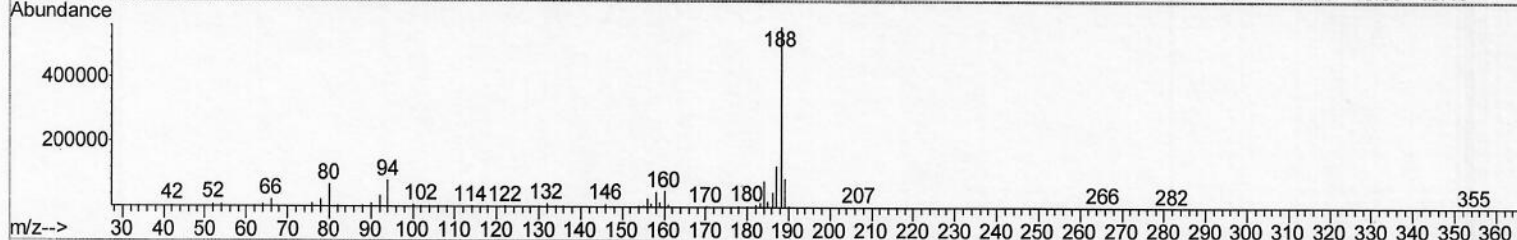
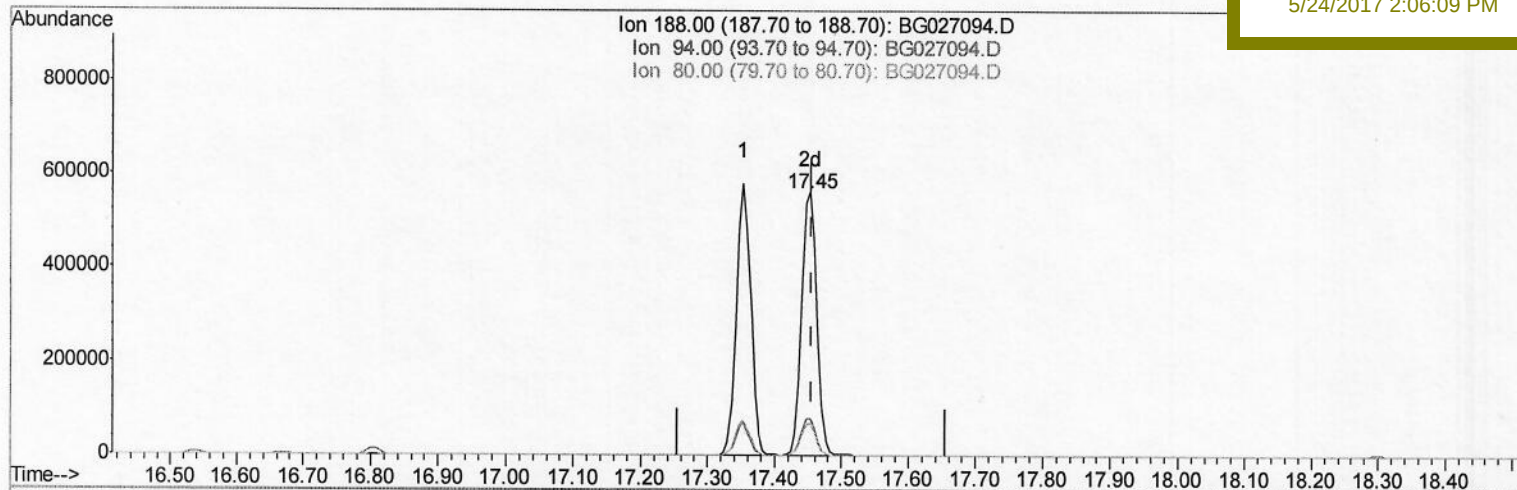
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TIC: BG027094.D

(14) Anthracene-d10 (S)

17.453min (-0.003) 20.71ng/ul m

response 878256

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	14.22#
80.00	11.80	12.15
0.00	0.00	0.00

> 9.7
 05/30/17

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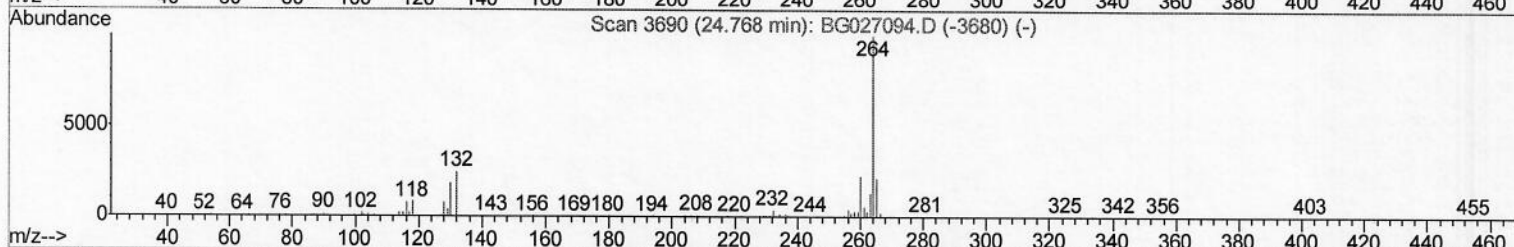
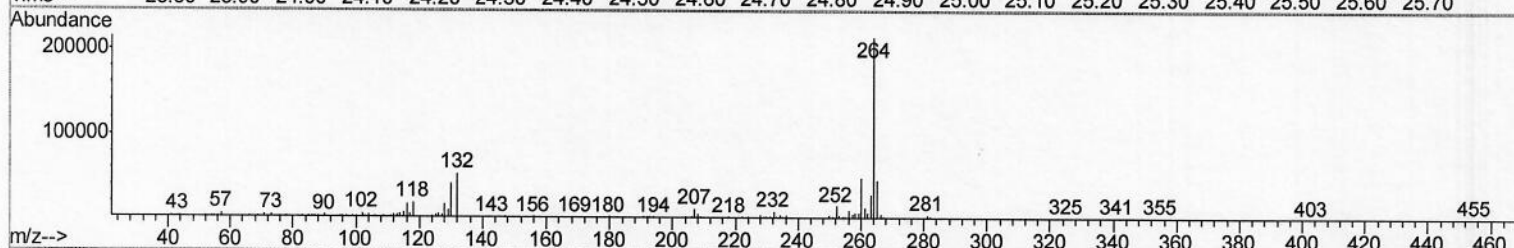
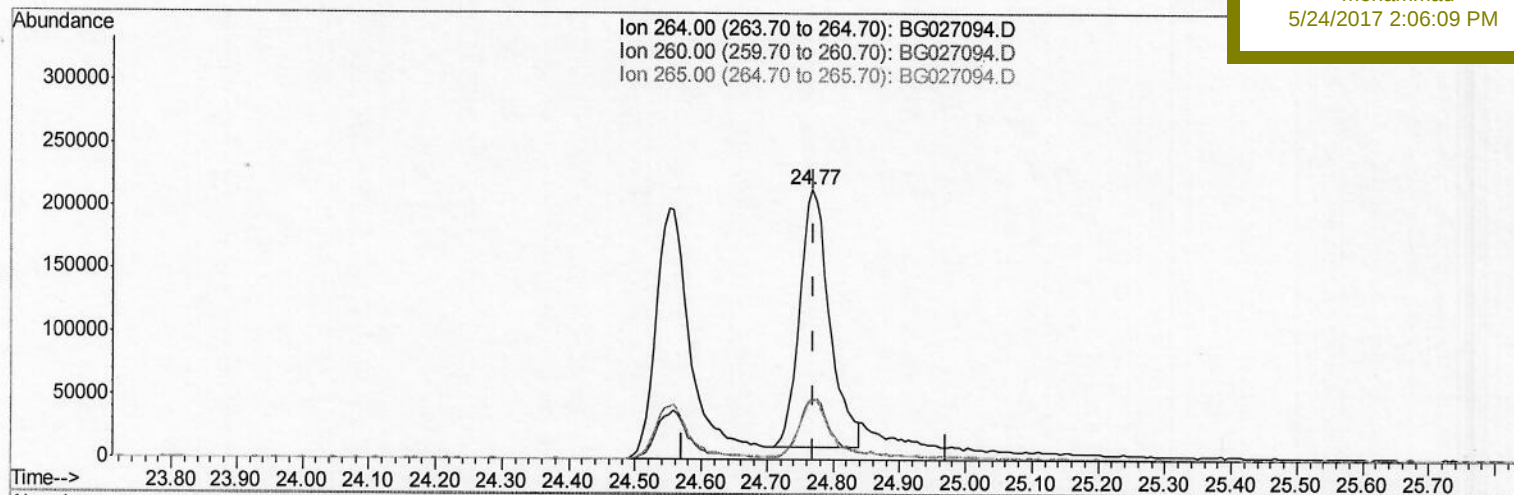
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TIC: BG027094.D

(22) Perylene-d12 (I)

24.768min (-0.003) 20.00ng/ul

response 647229

Ion	Exp%	Act%
264.00	100	100
260.00	25.10	22.50
265.00	23.00	21.59
0.00	0.00	0.00

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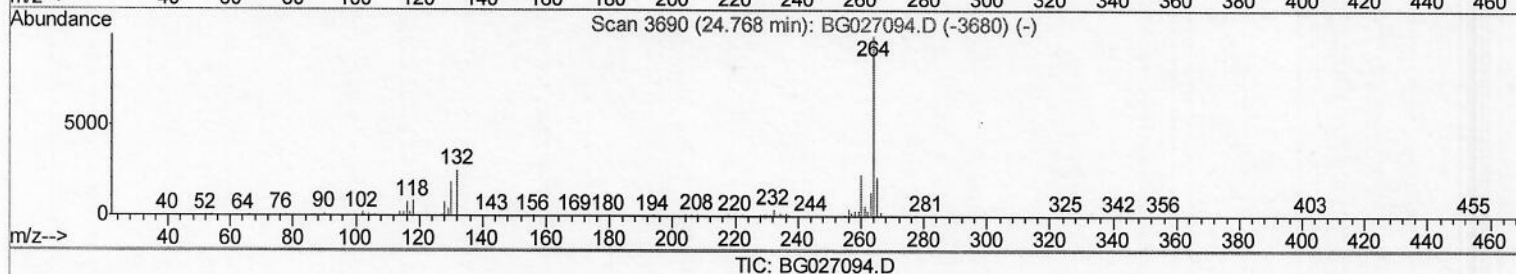
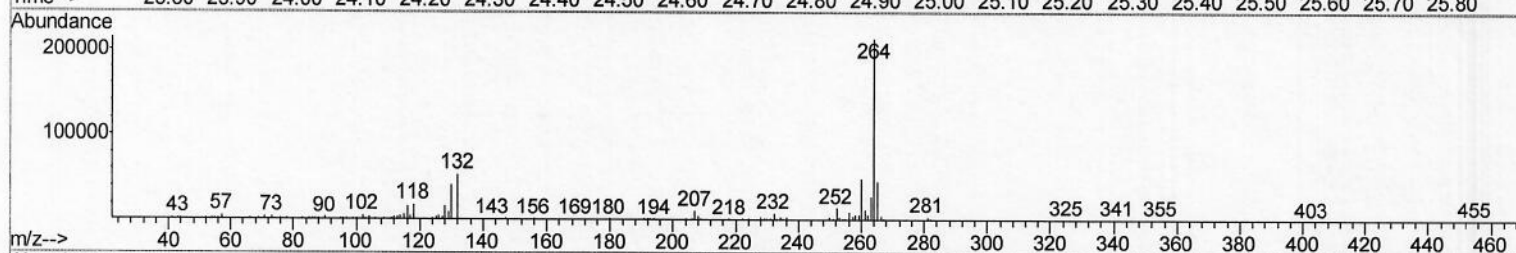
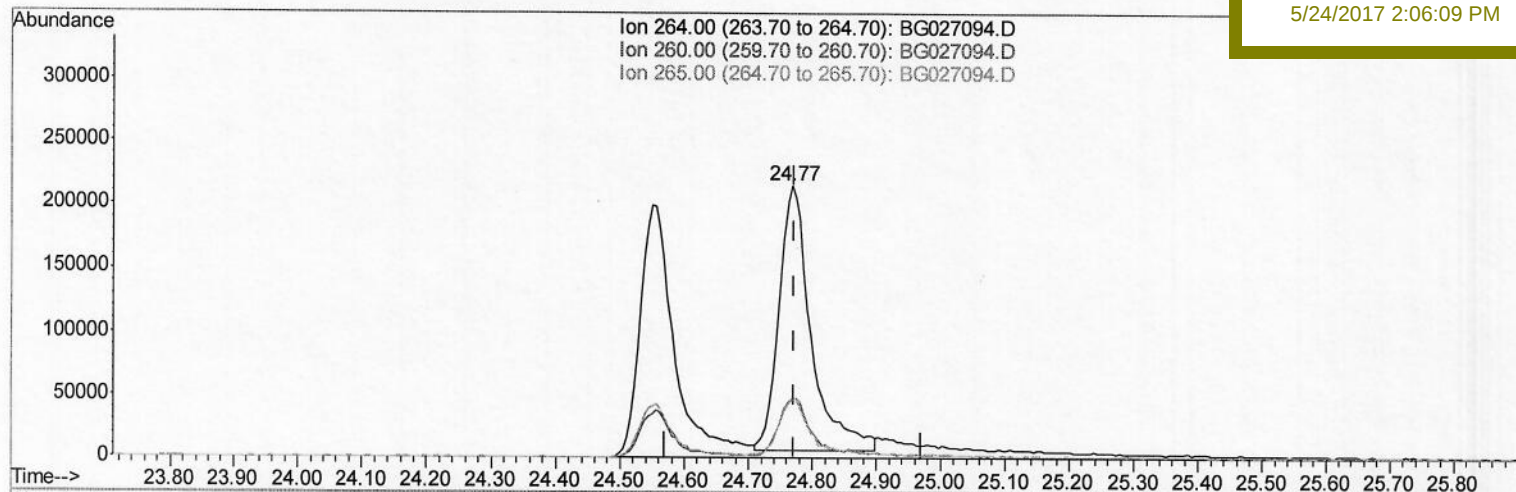
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(22) Perylene-d12 (I)

24.768min (-0.003) 20.00ng/ul m

response 722775

Ion	Exp%	Act%
264.00	100	100
260.00	25.10	22.50
265.00	23.00	21.59
0.00	0.00	0.00

> 5. J
 05/30/17

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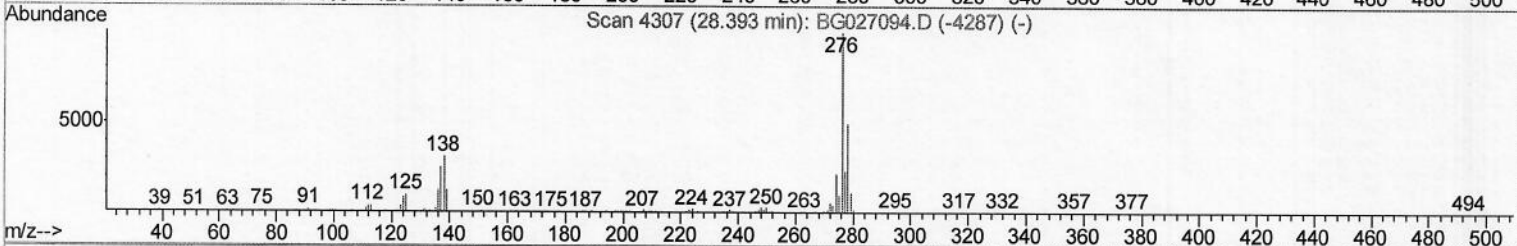
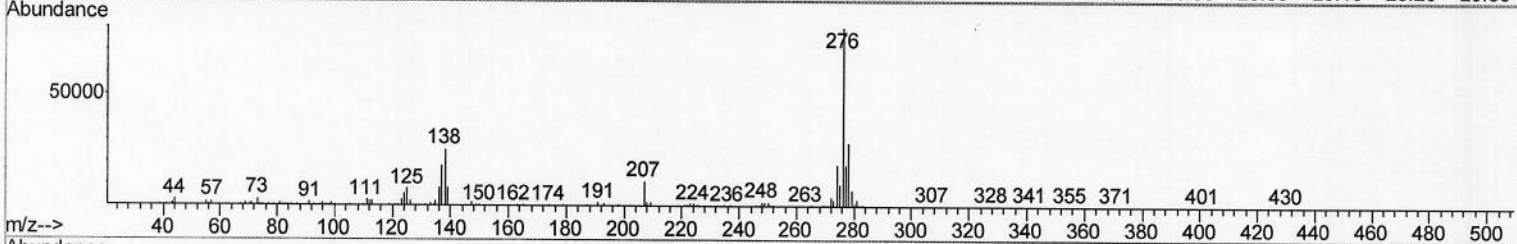
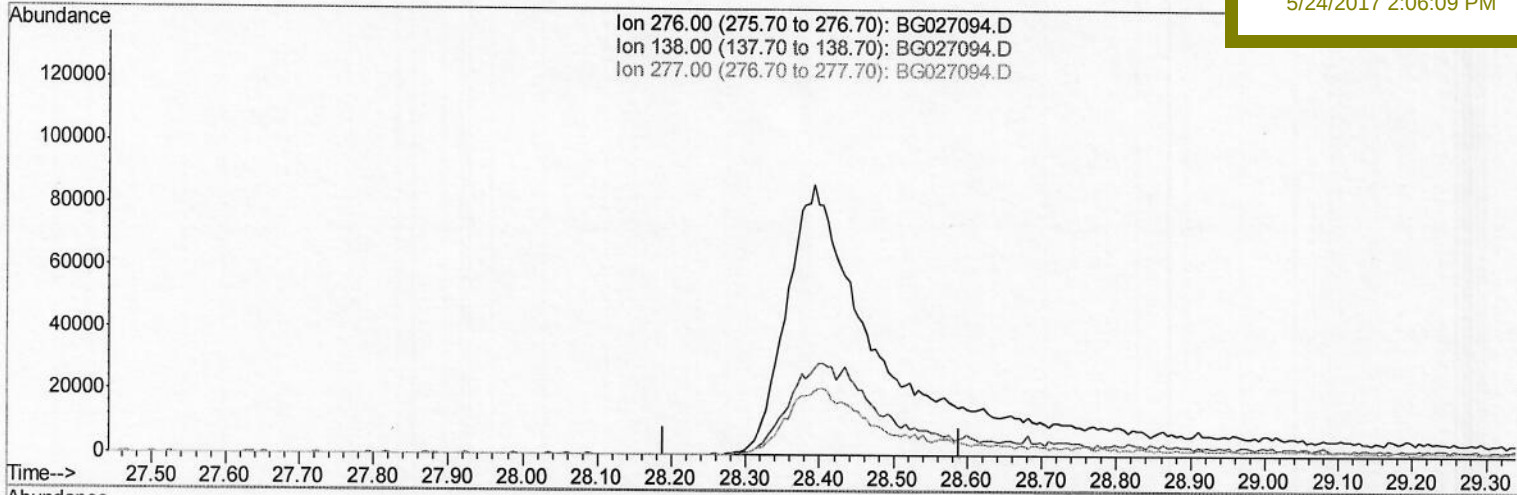
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TIC: BG027094.D

(27) Indeno(1,2,3-cd)pyrene
 28.390min (-28.390) 0.00ng/ul
 response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	18.00	0.00#
277.00	22.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

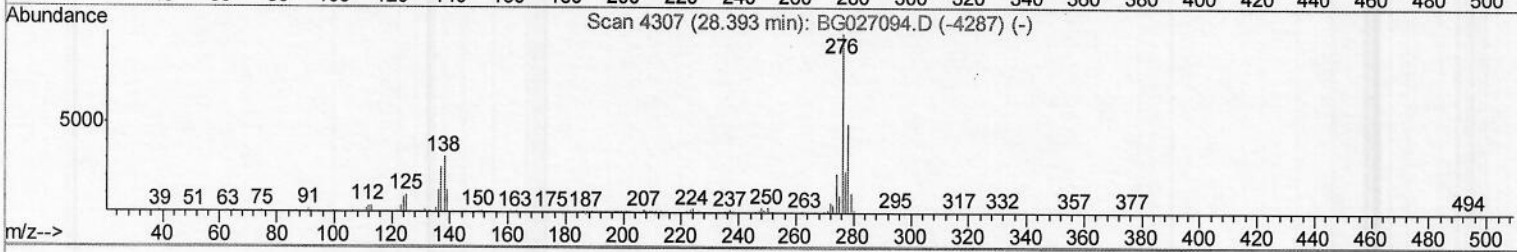
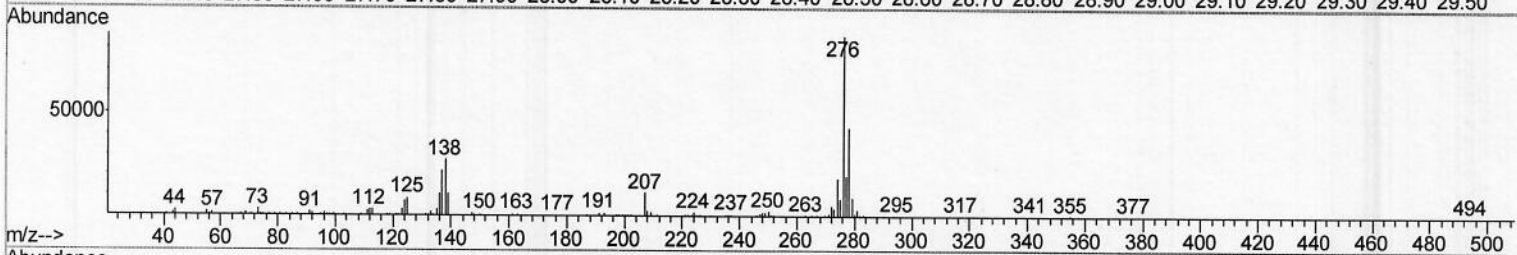
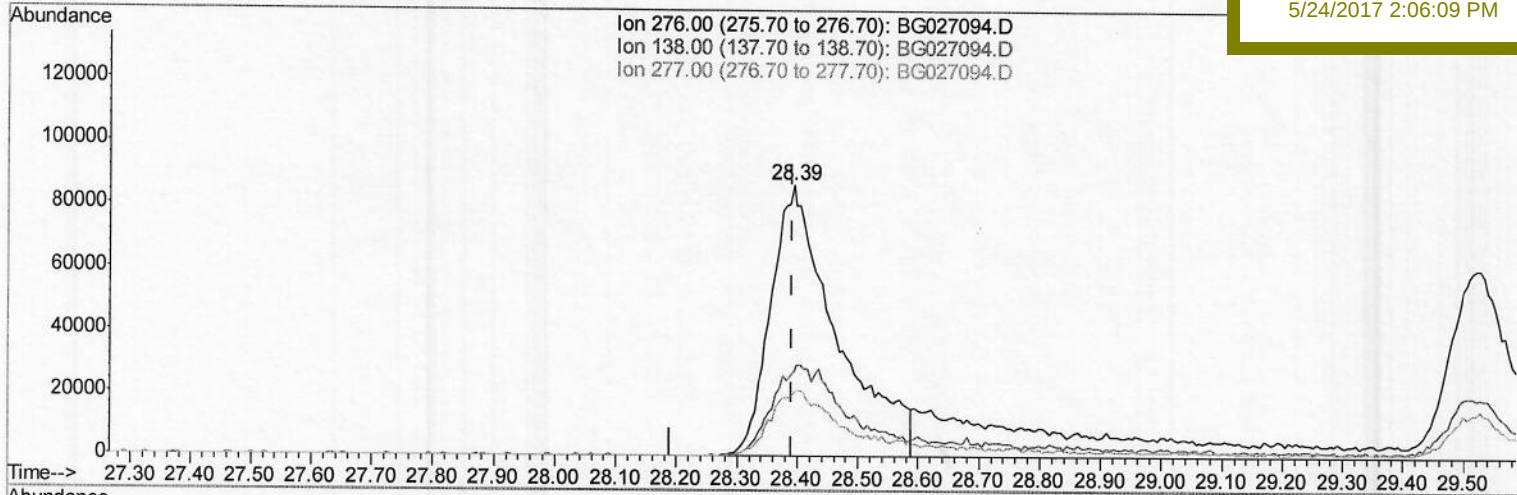
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 Misc :
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(27) Indeno(1,2,3-cd)pyrene

28.393min (+0.003) 16.94ng/ul m

response 654921

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	31.52#
277.00	22.50	23.08
0.00	0.00	0.00

> 5.7
 05/30/17

Quantitation Report (Qedit)

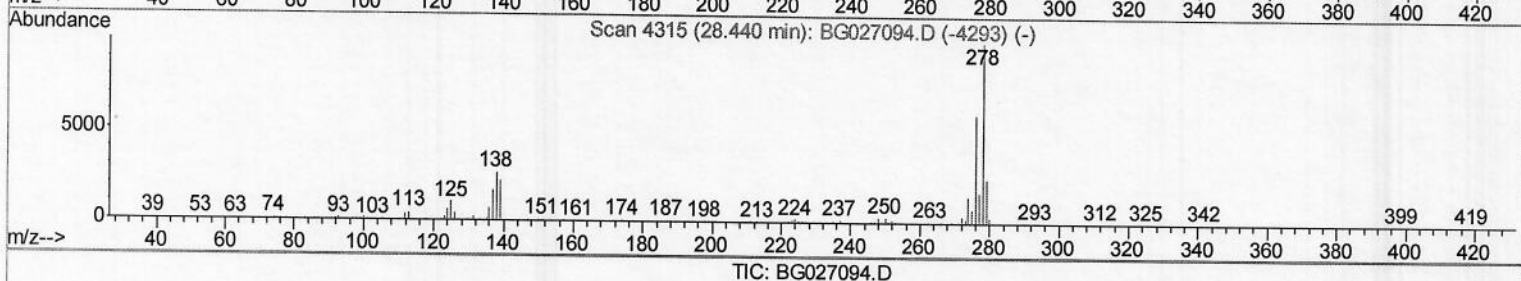
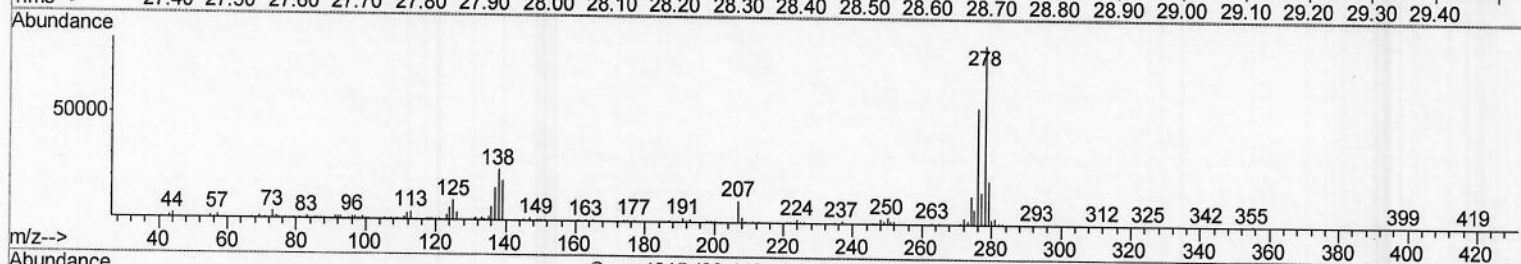
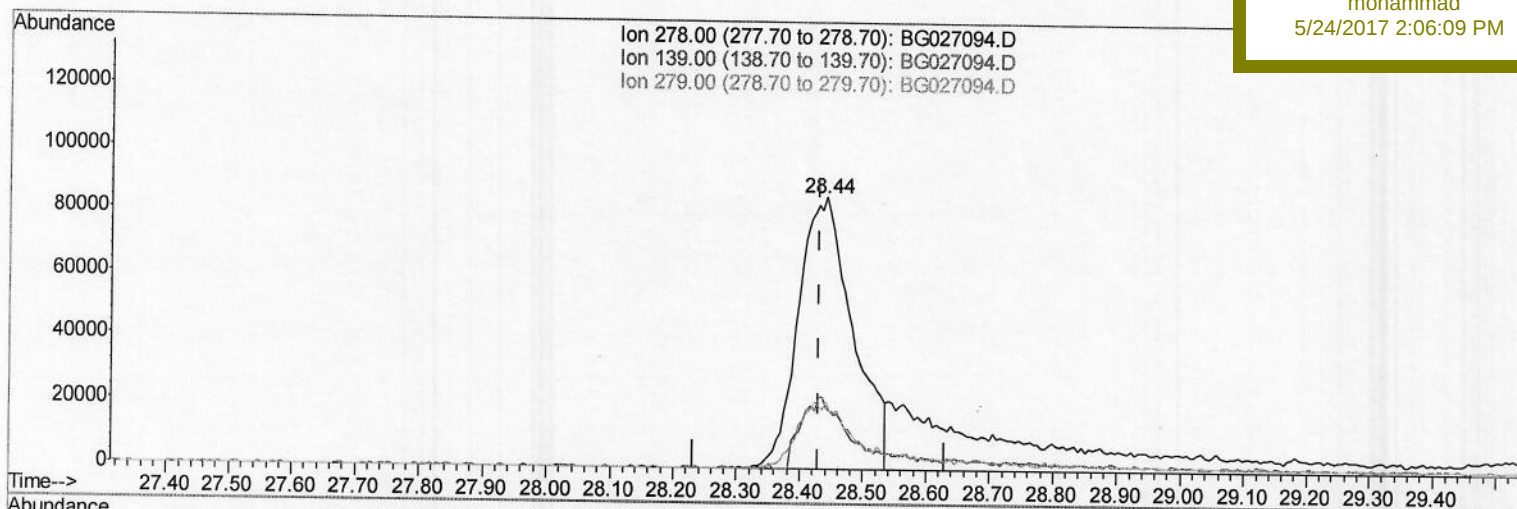
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(28) Dibenzo(a,h)anthracene

28.440min (+0.009) 15.07ng/ul

response 502691

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	21.92#
279.00	24.00	24.06
0.00	0.00	0.00

Quantitation Report (Qedit)

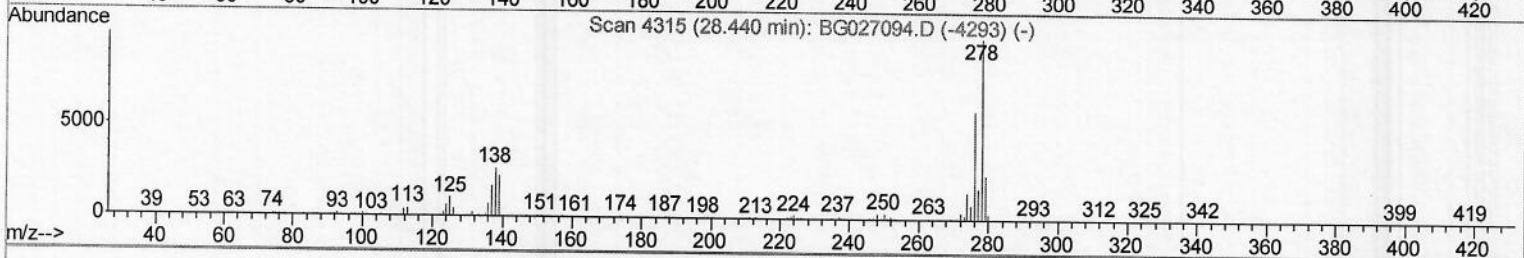
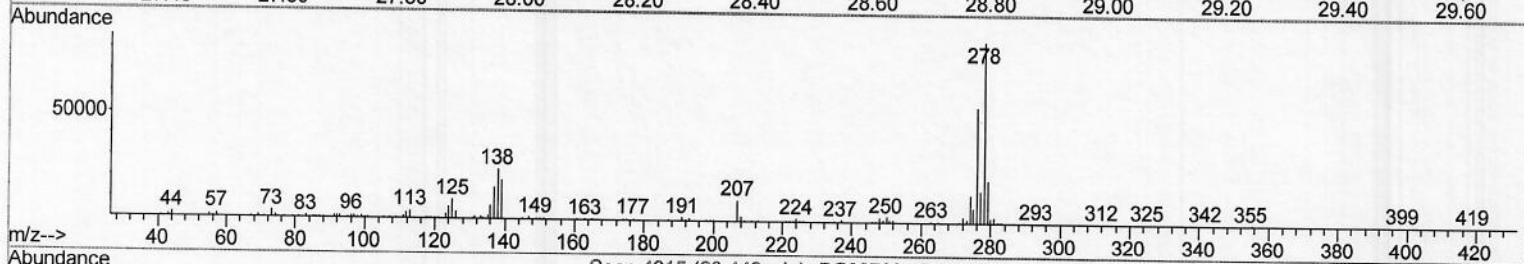
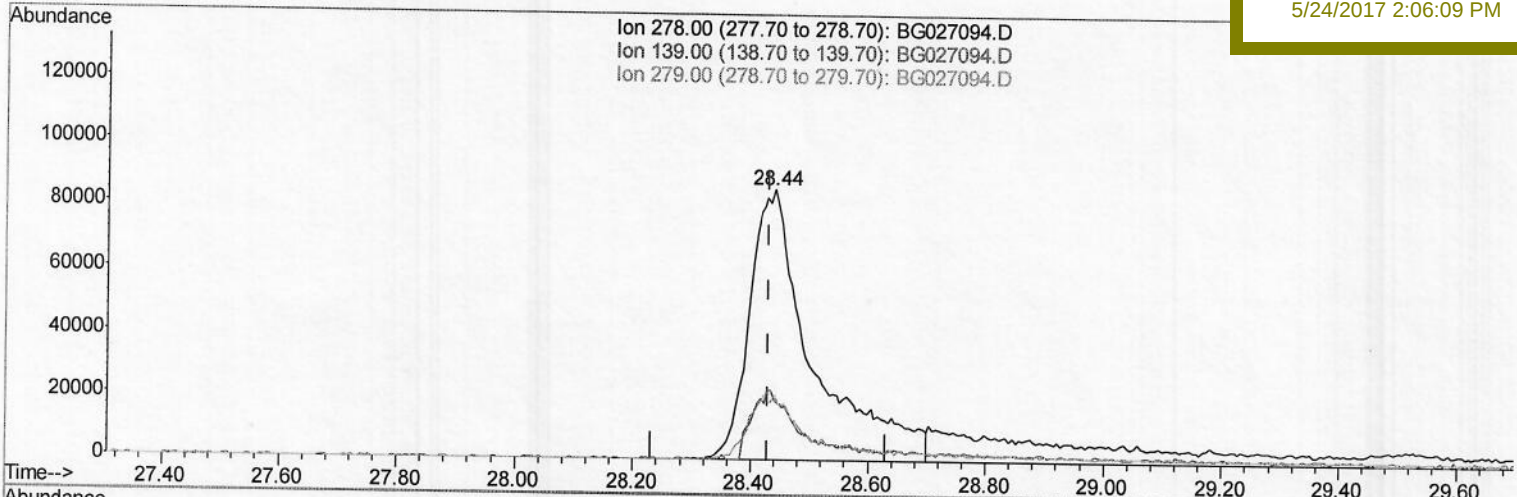
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Manual Integrations
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TIC: BG027094.D

(28) Dibenzo(a,h)anthracene

28.440min (+0.009) 19.30ng/ul m

response 643702

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	21.92#
279.00	24.00	24.06
0.00	0.00	0.00

> 9.7
 05/30/17

Quantitation Report (Qedit)

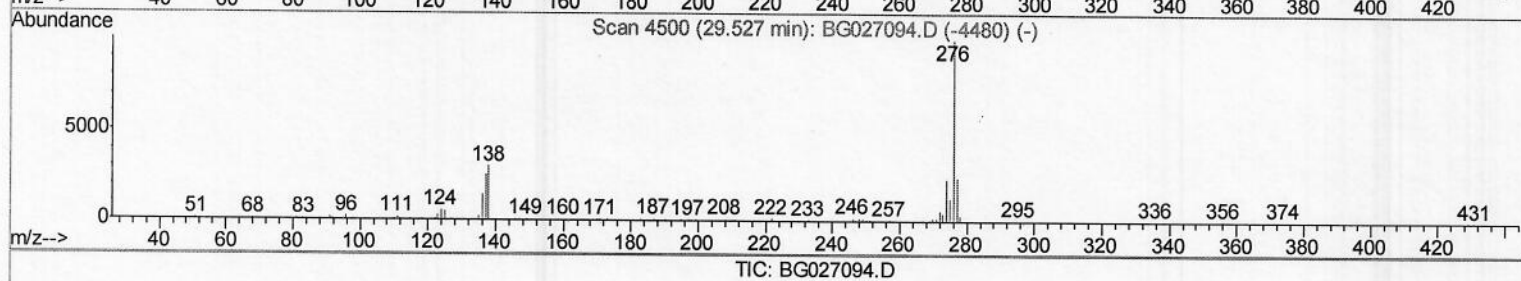
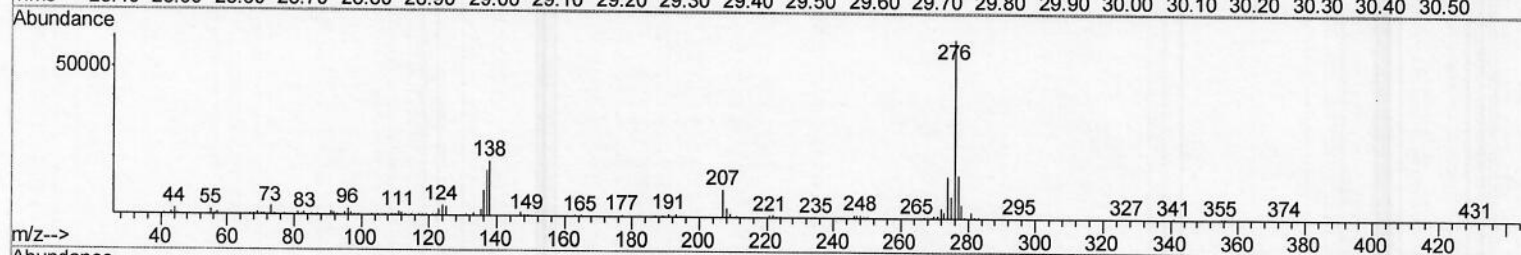
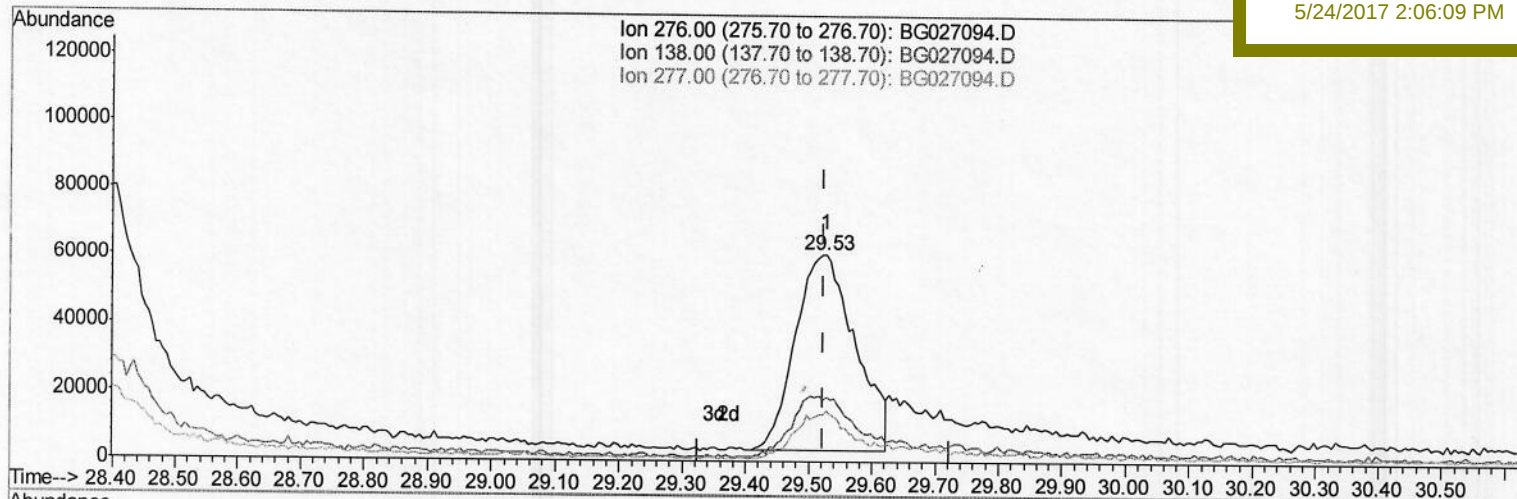
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(29) Benzo(g,h,i)perylene

29.527min (+0.003) 12.24ng/ul

response 376397

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	31.08#
277.00	23.70	24.68
0.00	0.00	0.00

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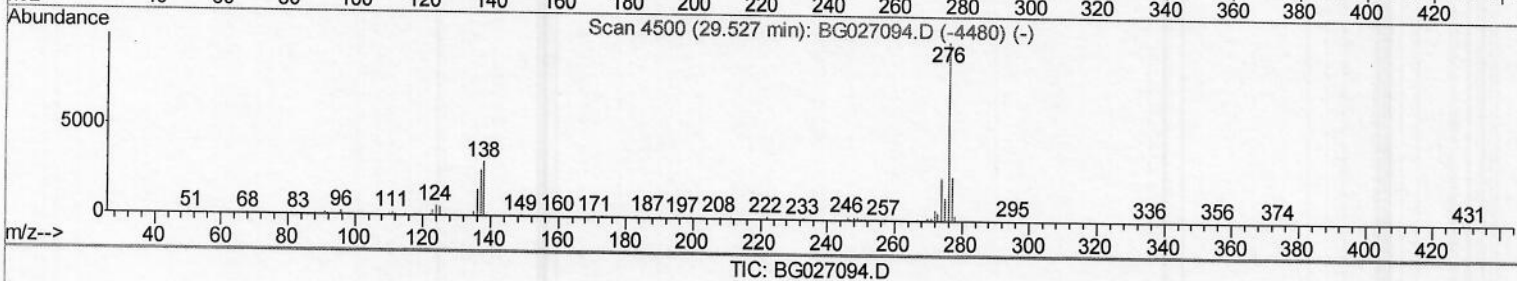
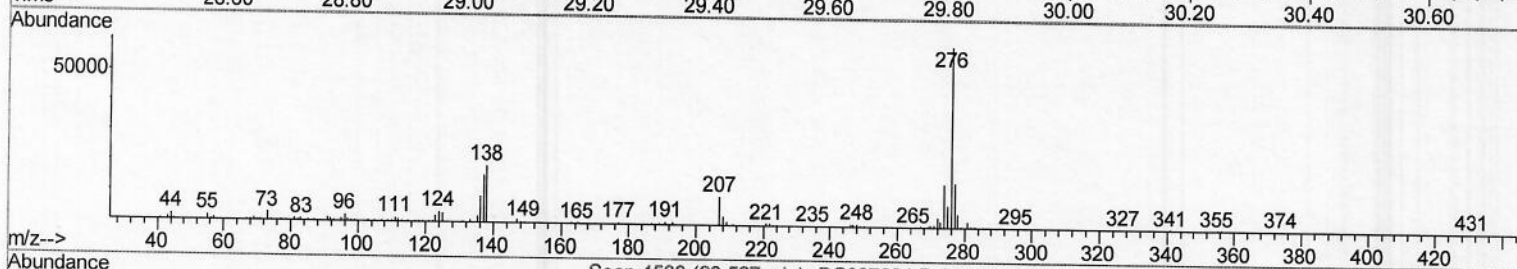
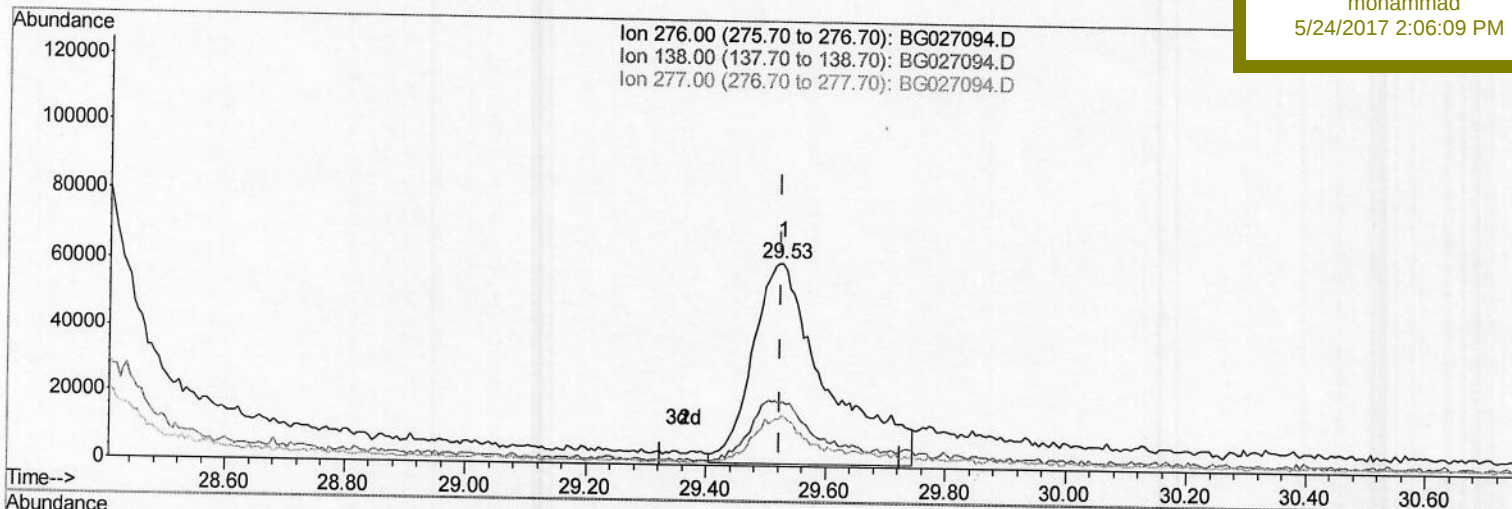
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(29) Benzo(g,h,i)perylene

29.527min (+0.003) 16.65ng/ul m

response 511773

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	31.08#
277.00	23.70	24.68
0.00	0.00	0.00

> 5.7
 05/30/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	188734	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	906223	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	470093	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	869983	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	800230	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	722775m	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1001303	20.77	ng/ul	0.00
10) Fluorene-d10	15.61	176	656361	20.40	ng/ul	0.00
14) Anthracene-d10	17.45	188	878256m	20.71	ng/ul	0.00
18) Pyrene-d10	19.73	212	844375	20.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	731620	20.37	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.85	128	967275	20.57	ng/ul	99
4) 2-Methylnaphthalene	12.45	142	700632	20.11	ng/ul	99
5) 1-Methylnaphthalene	12.67	142	747542	19.93	ng/ul#	94
8) Acenaphthylene	14.34	152	1018528	21.02	ng/ul	97
9) Acenaphthene	14.68	153	689621	20.79	ng/ul	97
11) Fluorene	15.66	166	728811	20.62	ng/ul	95
13) Phenanthrene	17.39	178	1011931	20.81	ng/ul	97
15) Anthracene	17.49	178	1055201	21.12	ng/ul	97
16) Fluoranthene	19.40	202	1044488	21.01	ng/ul#	92
19) Pyrene	19.76	202	1075958	20.57	ng/ul#	87
20) Benzo(a)anthracene	21.58	228	969765	20.11	ng/ul	97
21) Chrysene	21.65	228	892807	20.17	ng/ul	98
23) Benzo(b)fluoranthene	23.76	252	824825	19.20	ng/ul#	94
24) Benzo(k)fluoranthene	23.83	252	1036706	23.46	ng/ul#	94
26) Benzo(a)pyrene	24.62	252	838712	19.96	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.39	276	654921m	16.94	ng/ul	
28) Dibenzo(a,h)anthracene	28.44	278	643702m	19.30	ng/ul	
29) Benzo(g,h,i)perylene	29.53	276	511773m	16.65	ng/ul	

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

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