

Quantitation Report (QT Reviewed)

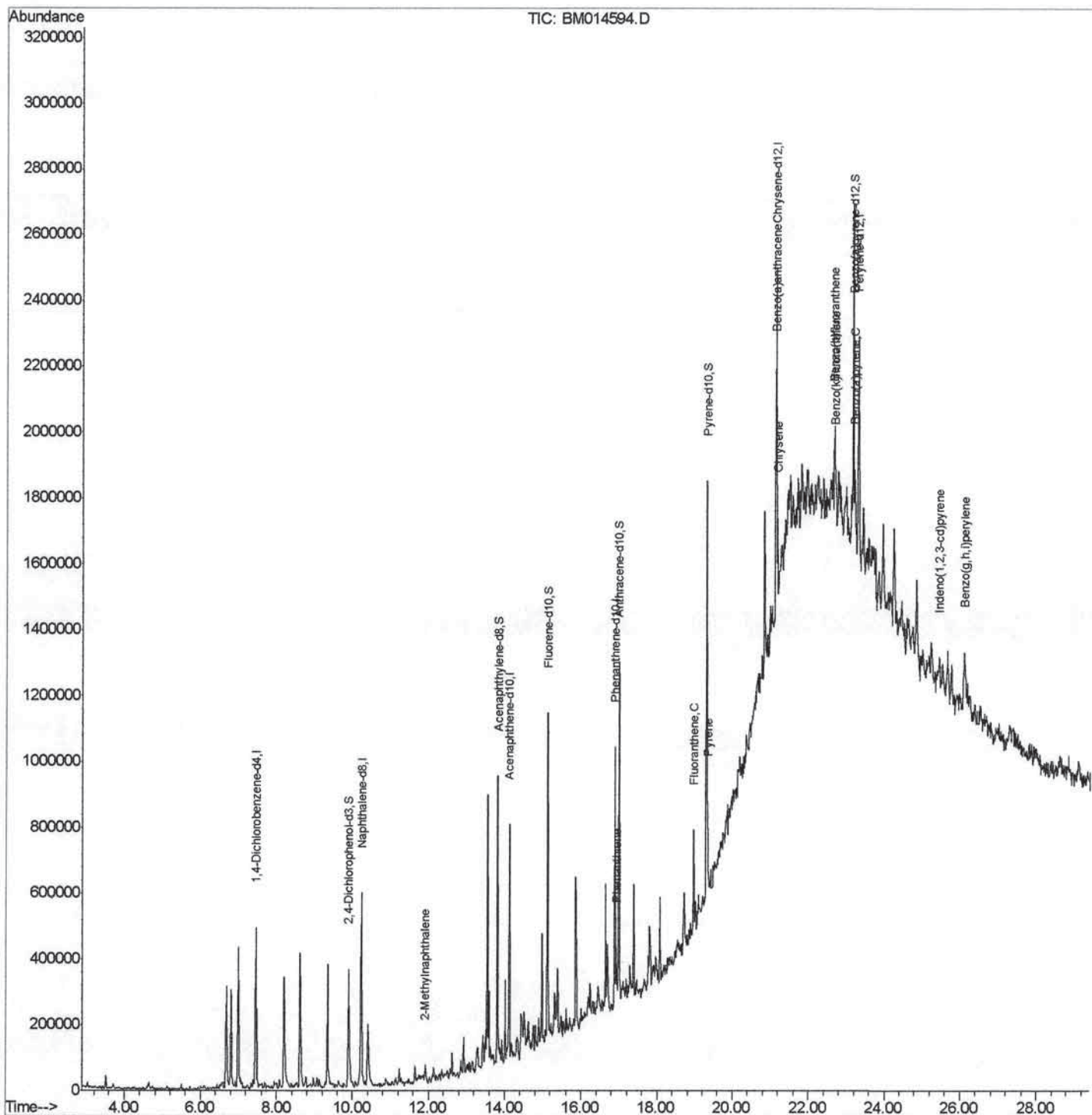
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
 Data File : BM014594.D
 Acq On : 16 Mar 2018 01:52
 Operator : SJ/JU
 Sample : J1904-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEL18

Manual Integrations
 APPROVED

Sohil
 3/16/2018 5:10:00 PM

Quant Time: Mar 16 16:03:33 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:09:29 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

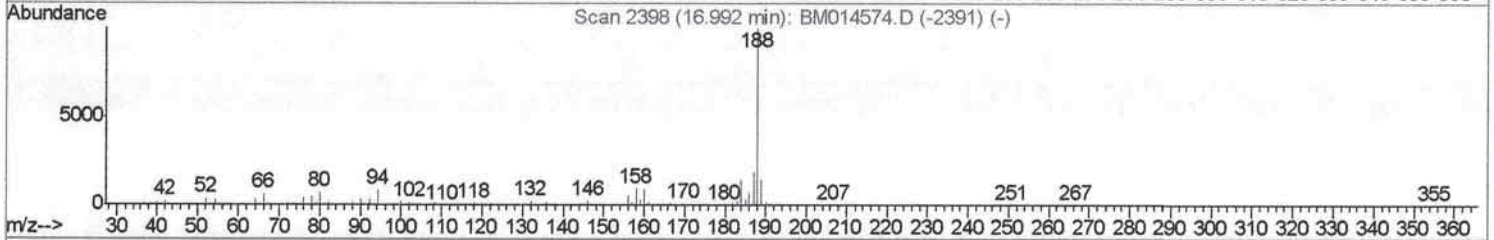
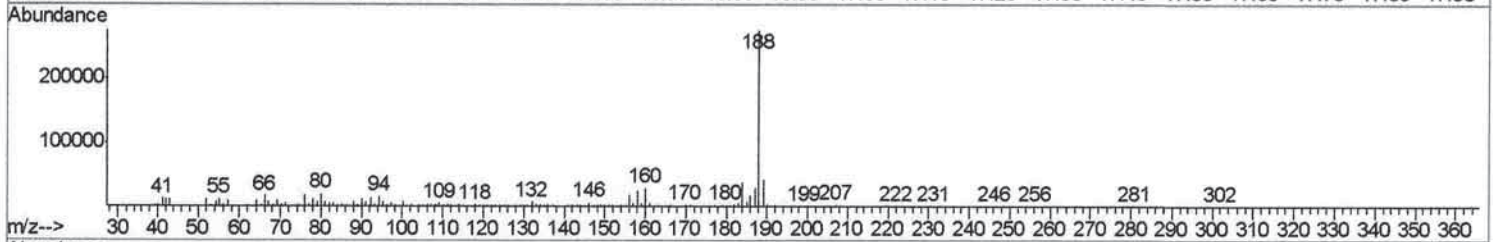
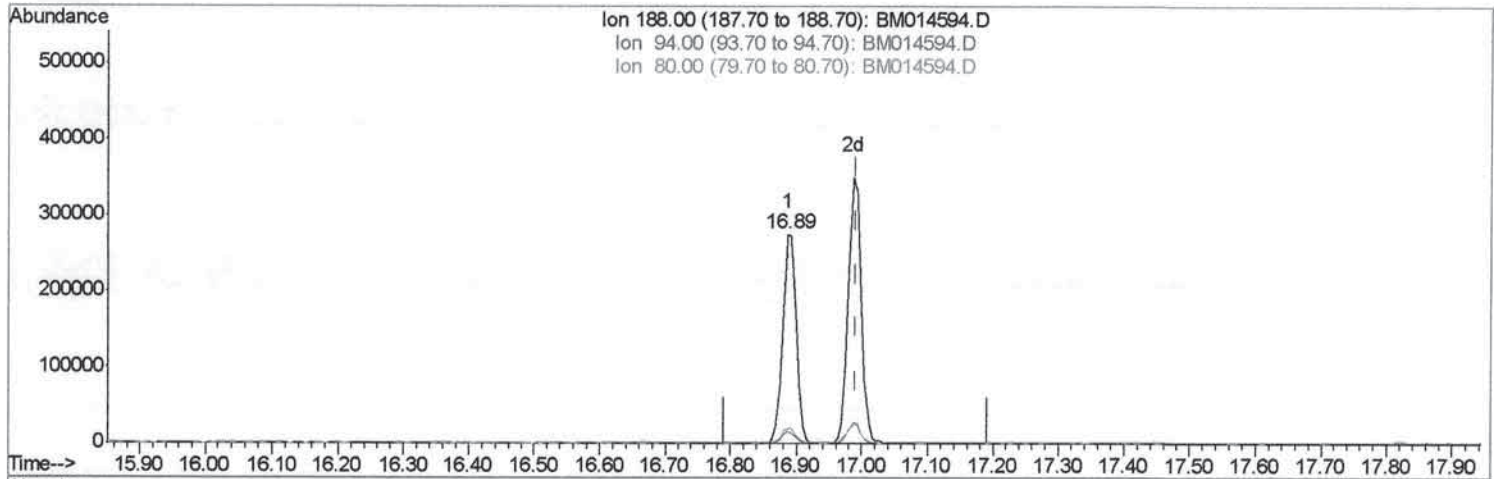
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TIC: BM014594.D

(15) Anthracene-d10 (S)

16.886min (-0.106) 20.89ng/ul

response 385963

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	5.60
80.00	5.90	7.04
0.00	0.00	0.00

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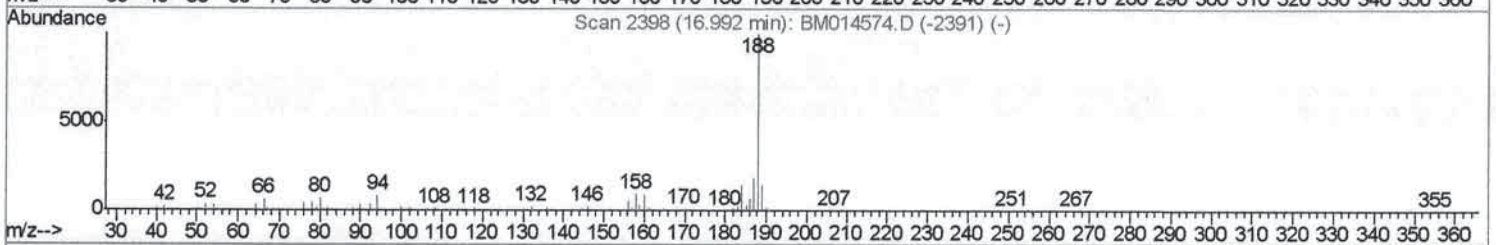
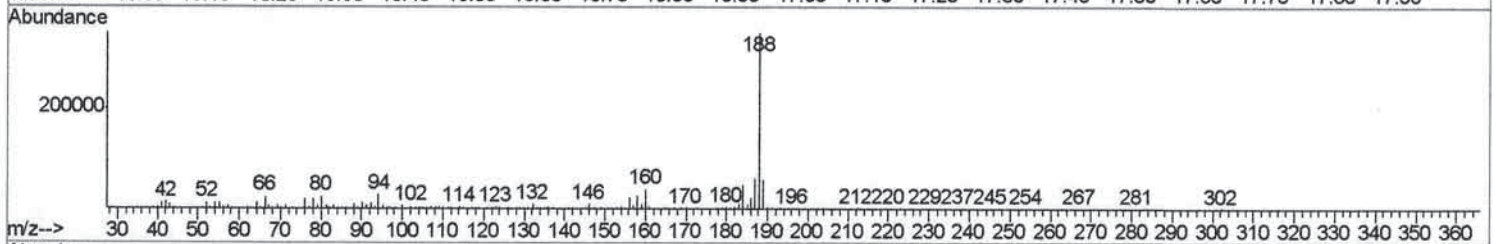
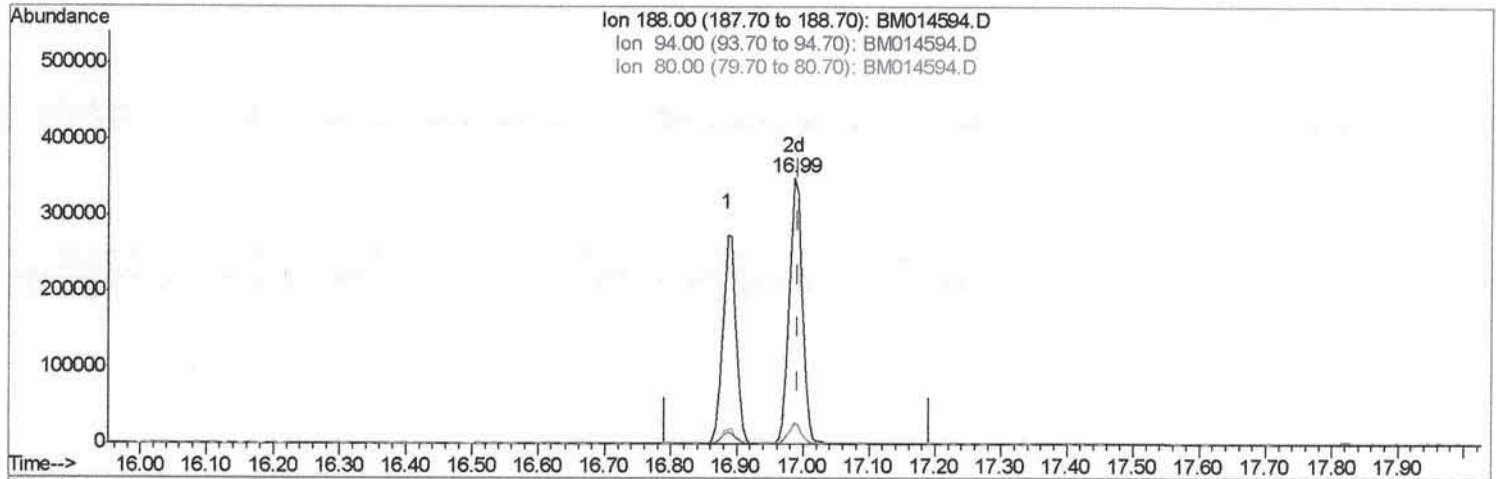
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(15) Anthracene-d10 (S)

16.986min (-0.006) 26.27ng/ul m

JU 3/23/18

response 485437

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	8.01#
80.00	5.90	7.19#
0.00	0.00	0.00

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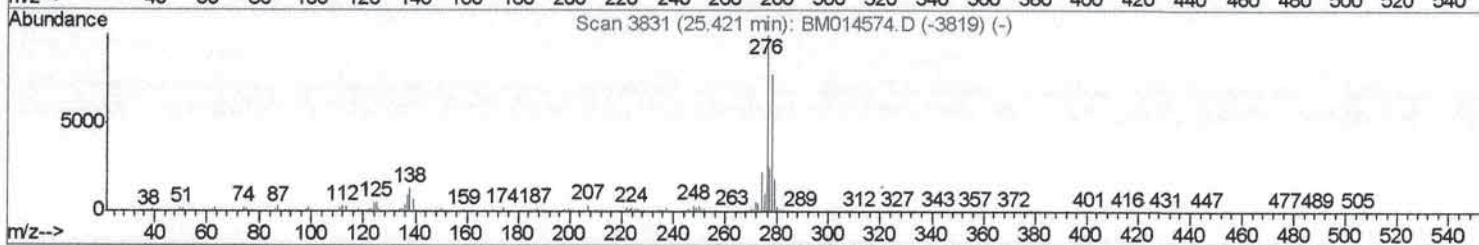
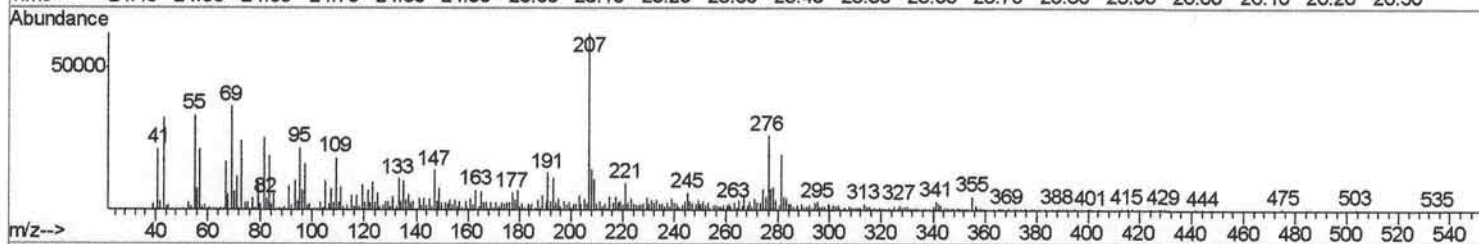
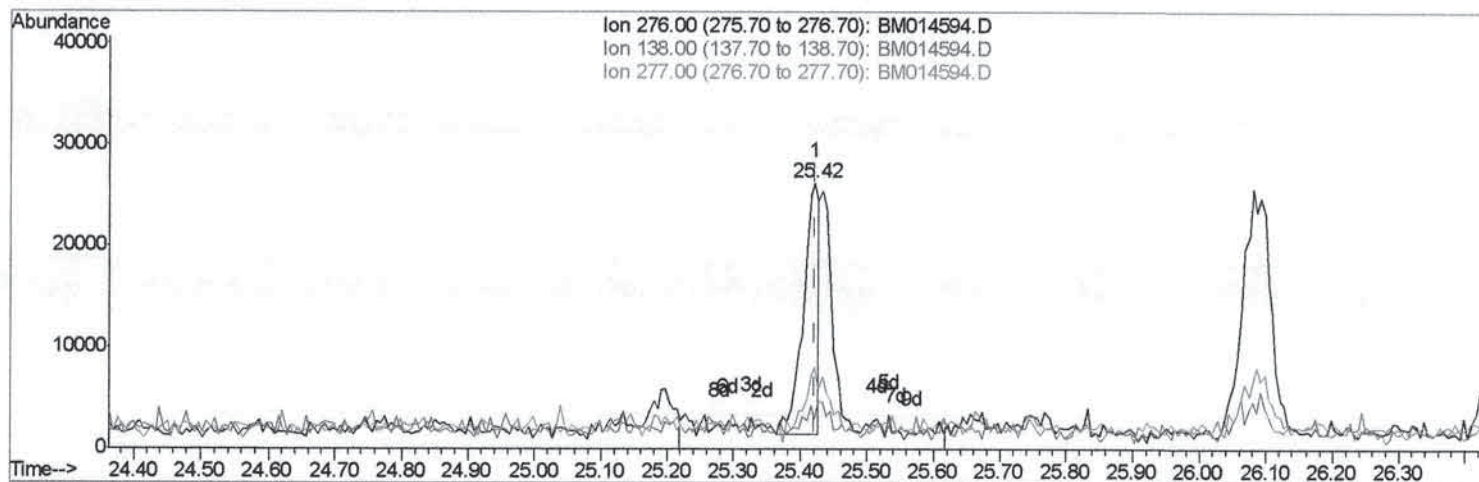
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(28) Indeno(1,2,3-cd)pyrene

25.421min (-0.000) 1.61ng/ul

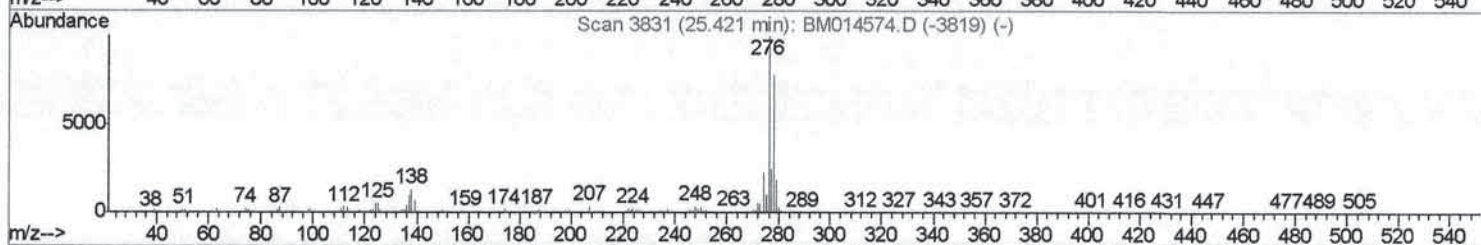
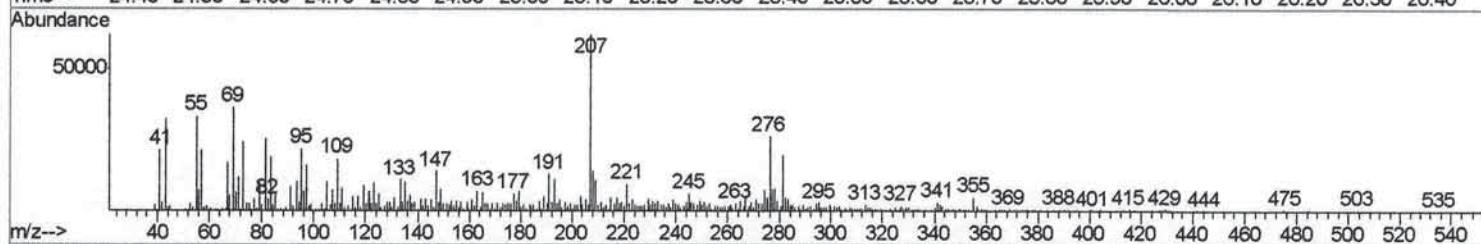
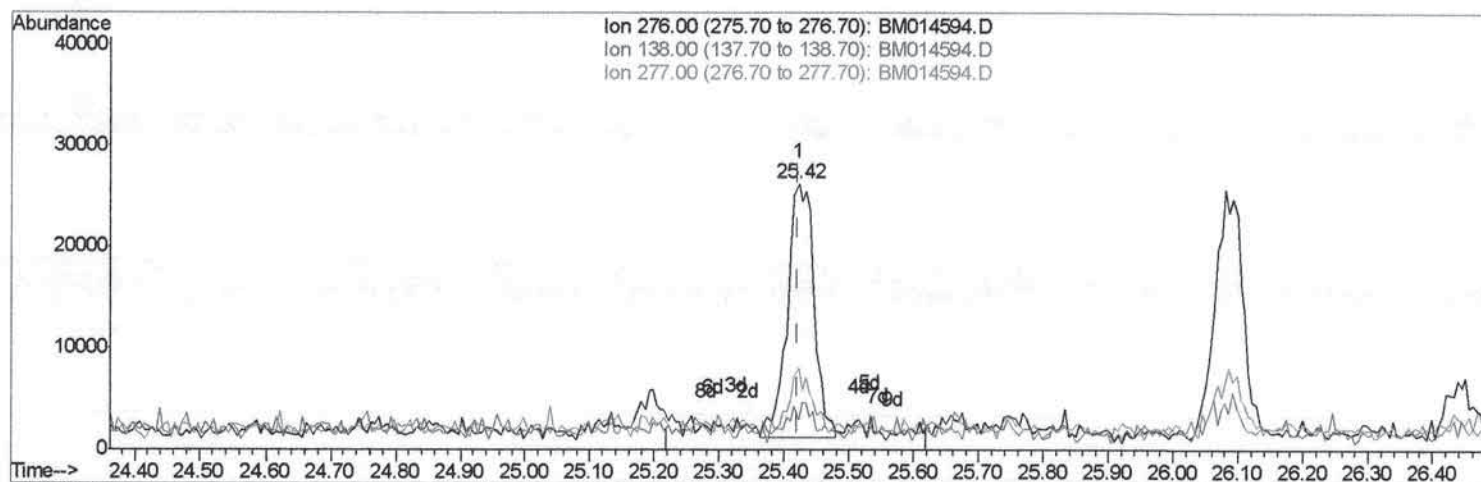
response 42177

Ion	Exp%	Act%
276.00	100	100
138.00	11.60	11.36
277.00	24.90	30.70#
0.00	0.00	0.00

```
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Acq On    : 16 Mar 2018   01:52
Operator  : SJ/JU
Sample    : J1904-08
Misc      :
ALS Vial  : 23      Sample Multiplier: 1
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TIC: BM014594.D

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

25.421min (-0.000) 2.75ng/ul m

response 72093

Ion	Exp%	Act%
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276.00	100	100
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138.00	11.60	11.36
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277.00 24.90 30.70#

0.00	0.00	0.00
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10 3/23/18

Quantitation Report (Qedit)

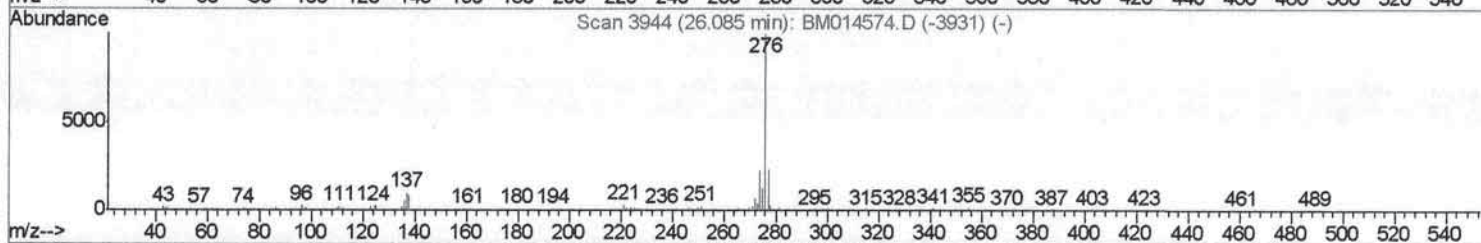
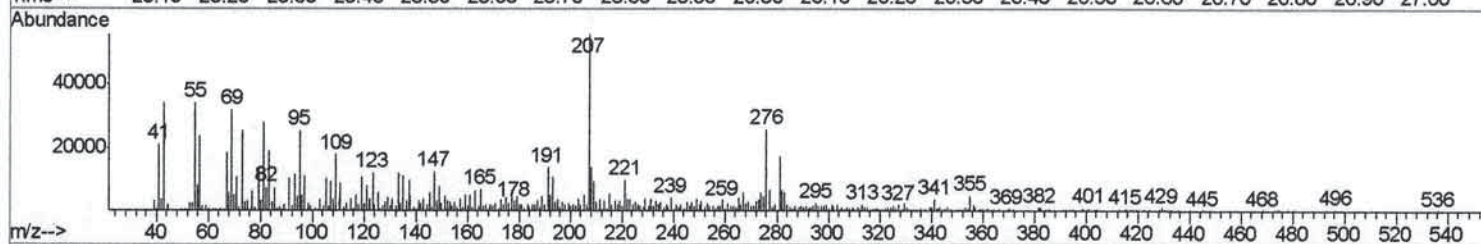
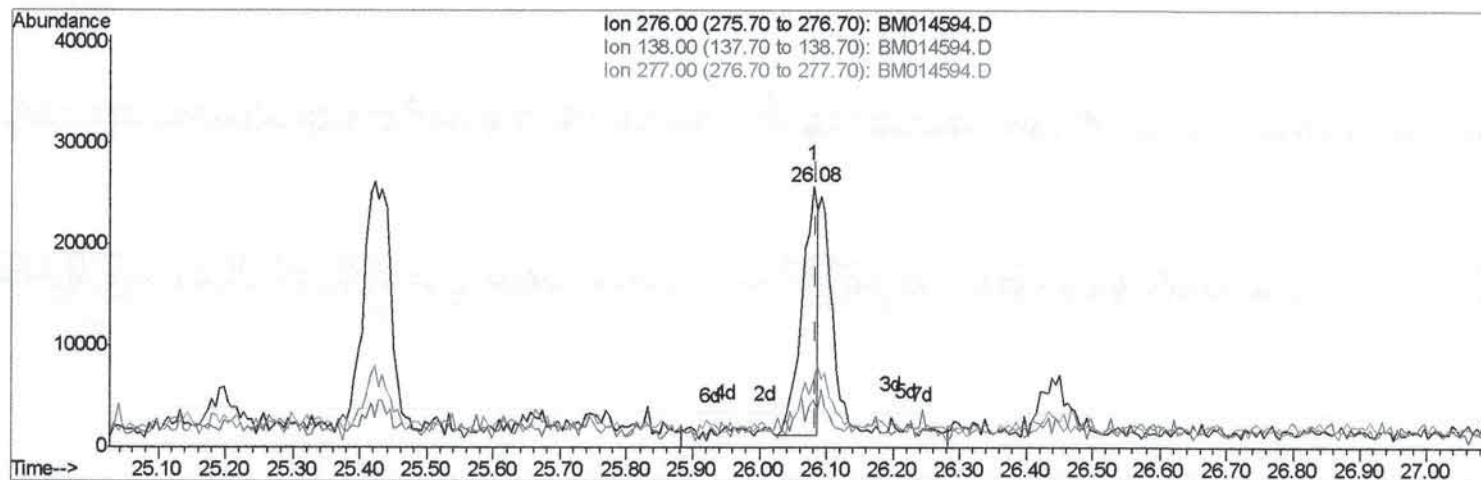
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TIC: BM014594.D

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

26.079min (-0.006) 1.97ng/ul

response 41124

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	18.62#
277.00	23.30	26.13
0.00	0.00	0.00

Quantitation Report (Qedit)

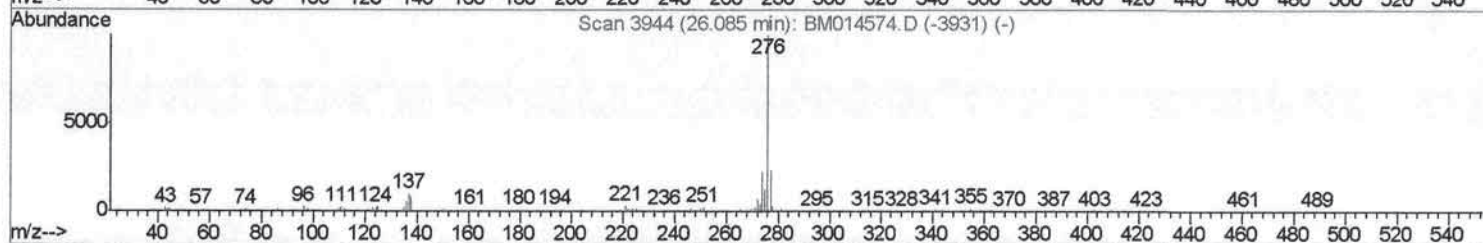
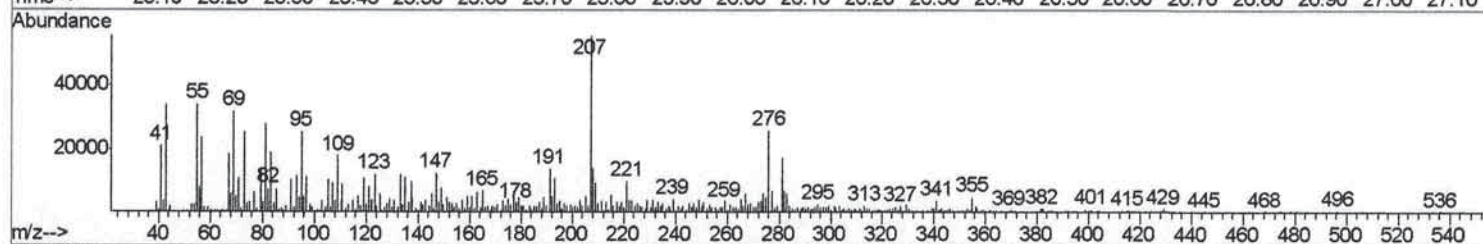
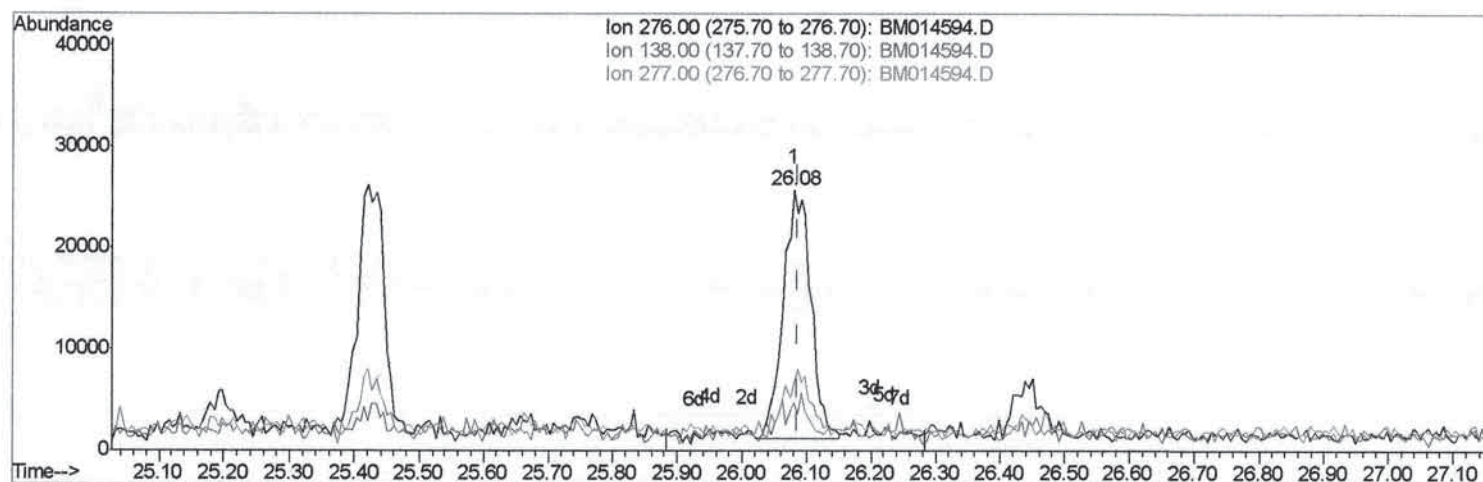
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 ALS Vial : 23 Sample Multiplier: 1

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TIC: BM014594.D

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

26.079min (-0.006) 3.51ng/ul m

response 73205

Ion Exp% Act%

276.00 100 100

138.00 10.60 18.62#

277.00 23.30 26.13

0.00 0.00 0.00

JU 3/23/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	111168	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	414004	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	206402	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	385963	20.00	ng/ul	0.00
18) Chrysene-d12	21.11	240	377657	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	381386	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	9.89	165	130976	20.47	ng/ul	0.00
7) Acenaphthylene-d8	13.81	160	523033	23.71	ng/ul	0.00
10) Fluorene-d10	15.13	176	341741	23.65	ng/ul	0.00
15) Anthracene-d10	16.99	188	485437m	26.27	ng/ul	0.00
19) Pyrene-d10	19.30	212	505887	22.28	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.14	264	498454	27.02	ng/ul	0.00

Target Compounds

					Qvalue	
5) 2-Methylnaphthalene	11.90	142	28004	1.903	ng/ul	90
14) Phenanthrene	16.93	178	83996	3.886	ng/ul	96
17) Fluoranthene	18.97	202	152492	6.215	ng/ul#	91
20) Pyrene	19.33	202	148465	5.227	ng/ul	98
21) Benzo(a)anthracene	21.10	228	95259	3.989	ng/ul#	92
22) Chrysene	21.15	228	95087	4.330	ng/ul#	93
24) Benzo(b)fluoranthene	22.64	252	127633	5.323	ng/ul#	88
25) Benzo(k)fluoranthene	22.67	252	35867	1.574	ng/ul#	83
27) Benzo(a)pyrene	23.19	252	99681	4.380	ng/ul#	84
28) Indeno(1,2,3-cd)pyrene	25.42	276	72093m	2.752	ng/ul	
30) Benzo(g,h,i)perylene	26.08	276	73205m	3.508	ng/ul	

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