

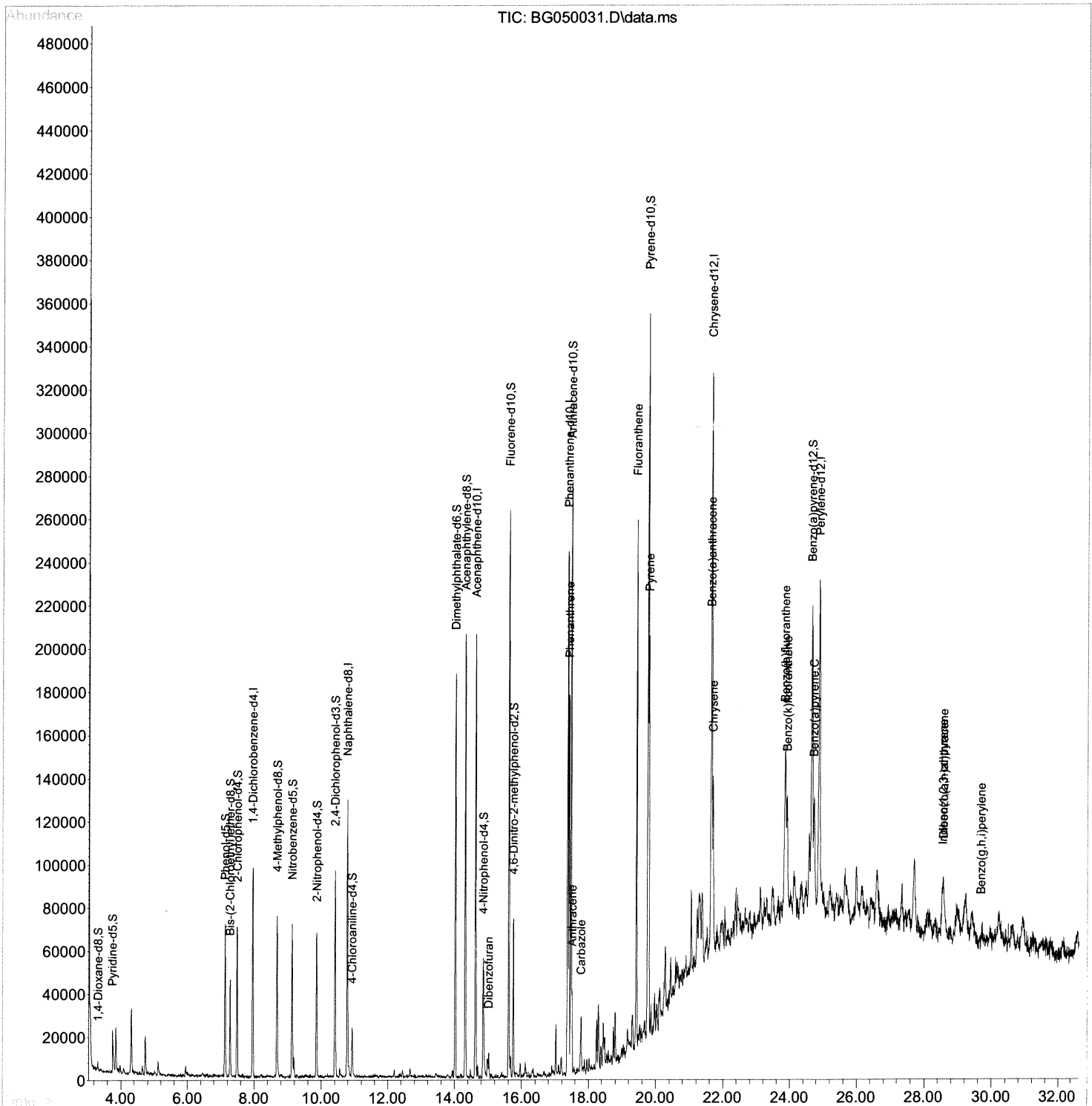
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050031.D
Acq On : 30 Aug 2021 14:18
Operator : CG/JU
Sample : M3458-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW4

Manual Integrations
APPROVED

mohammad
8/31/2021 11:35:08 AM

Quant Time: Aug 30 15:06:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

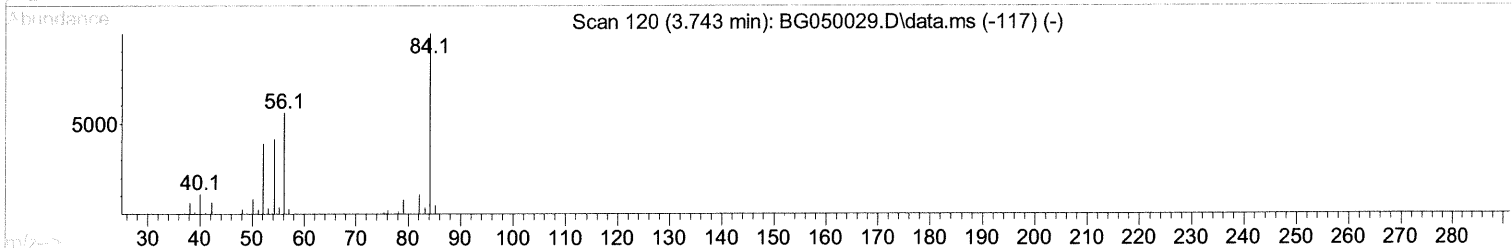
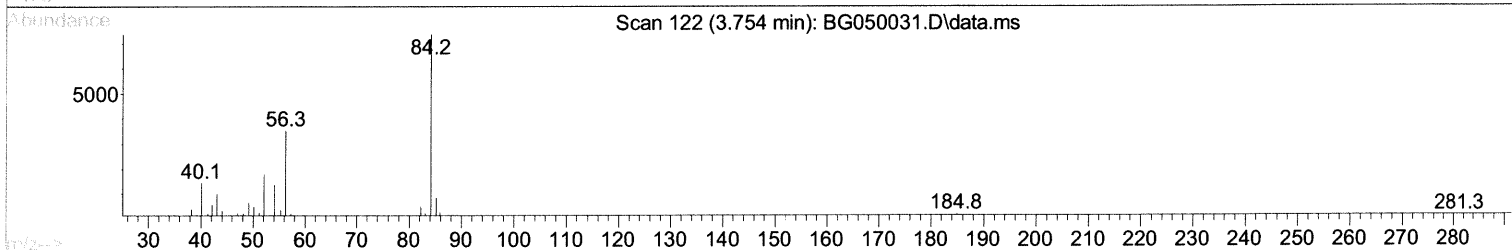
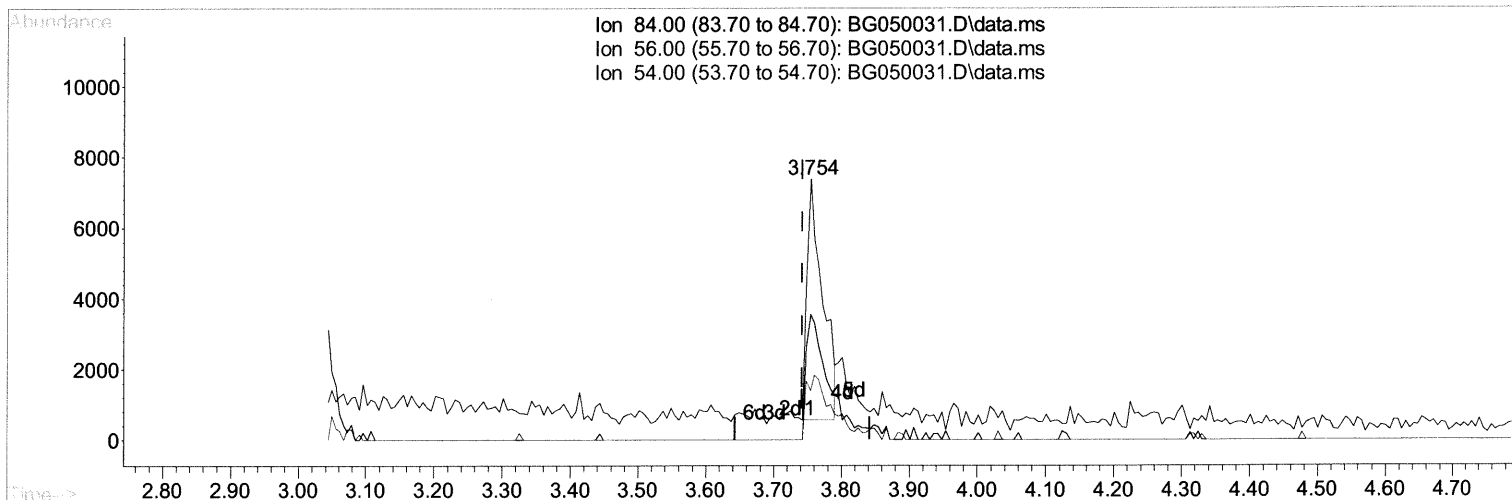
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TIC: BG050031.D\data.ms

(4) Pyridine-d5 (S)

3.754min (+ 0.012) 7.23 ng/ul

response 10803

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	47.97
54.00	37.00	18.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

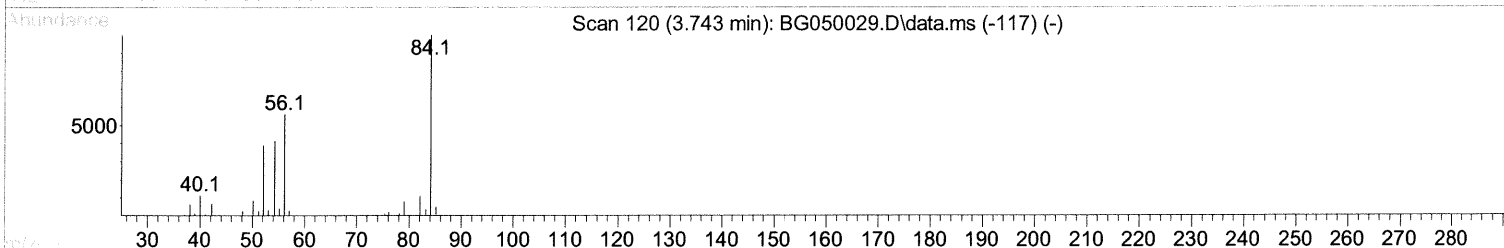
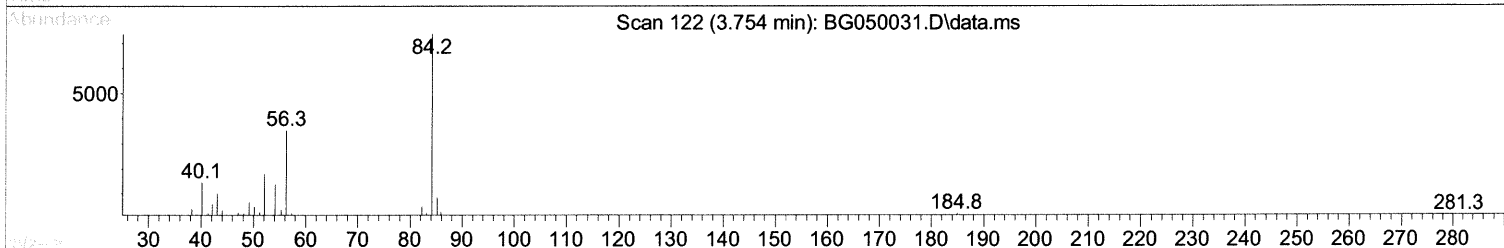
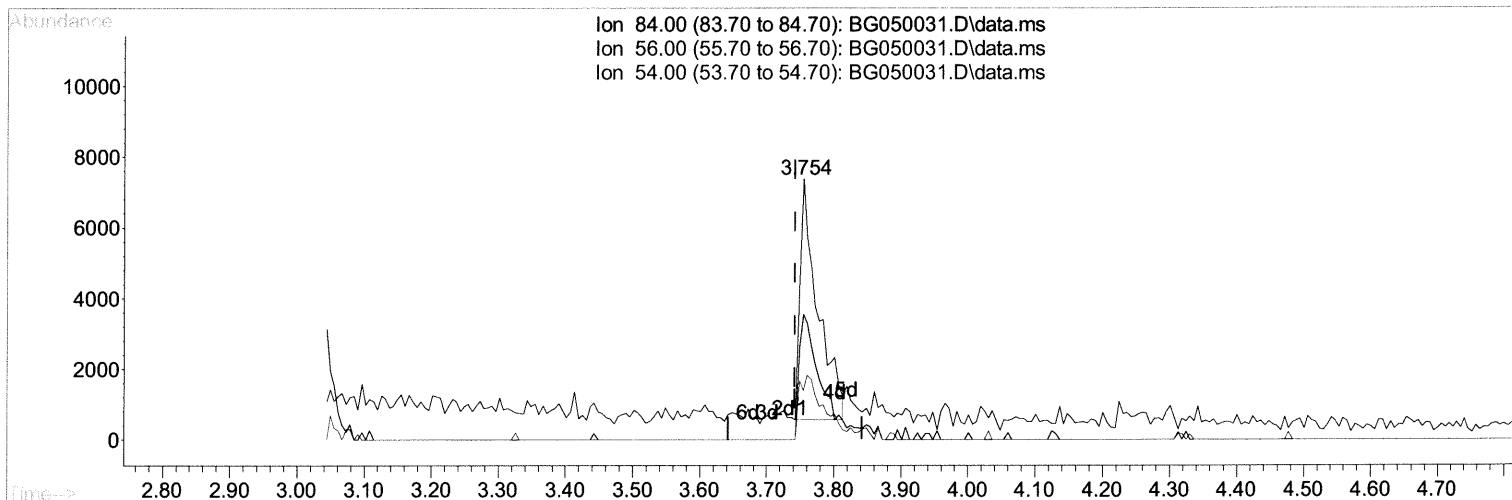
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TIC: BG050031.D\data.ms

(4) Pyridine-d5 (S)

3.754min (+ 0.012) 8.44 ng/ul m 09/01/21 JU

response 12603

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	47.97
54.00	37.00	18.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

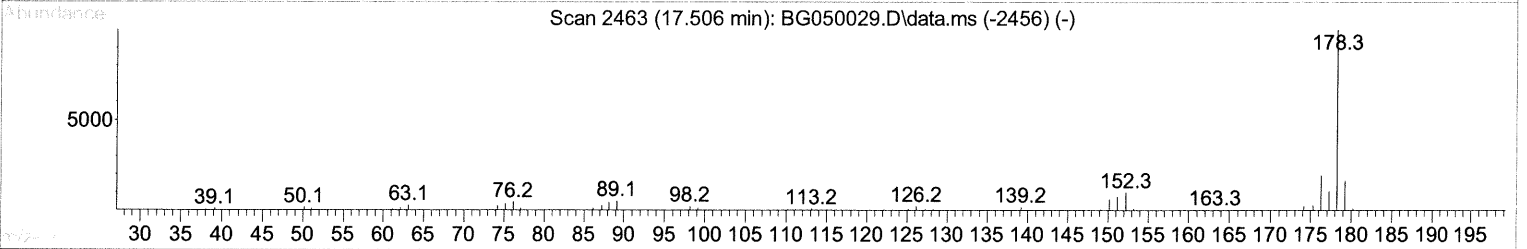
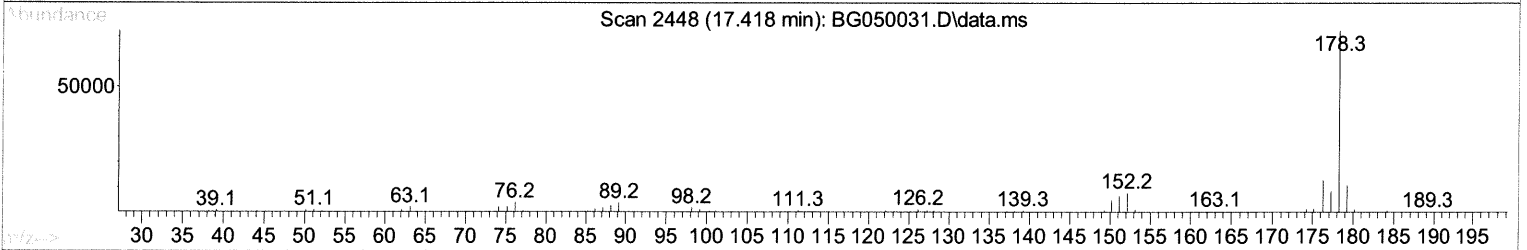
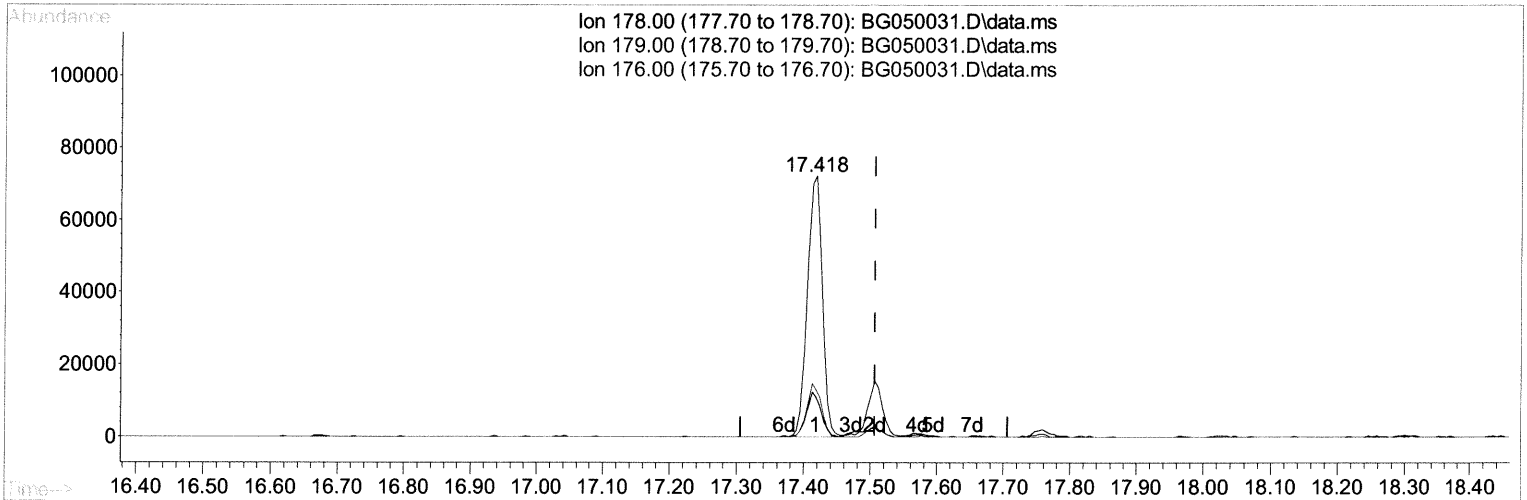
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(74) Anthracene

17.418min (-0.088) 14.40 ng/ul

response 112224

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.20	15.00
176.00	16.00	17.93
0.00	0.00	0.00

Quantitation Report (Qedit)

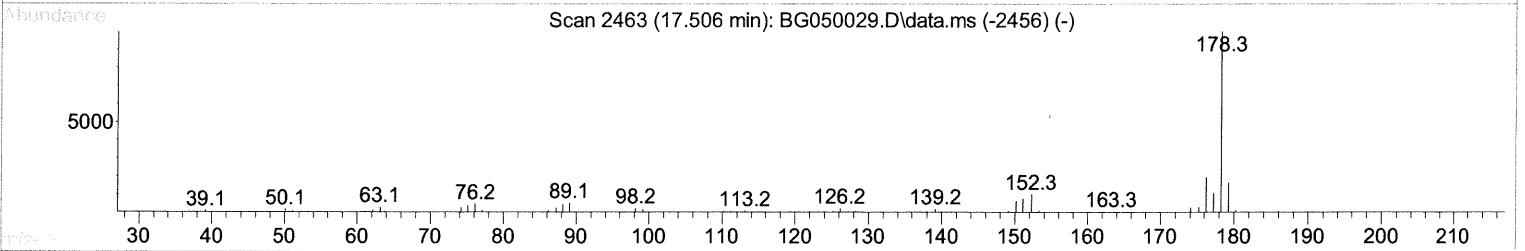
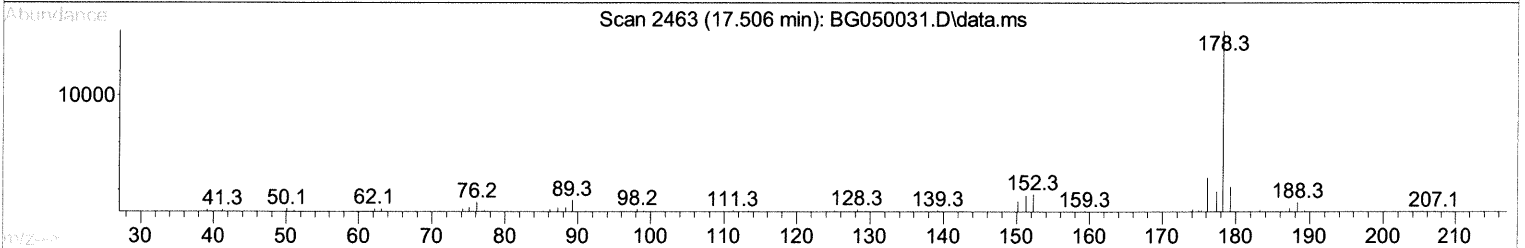
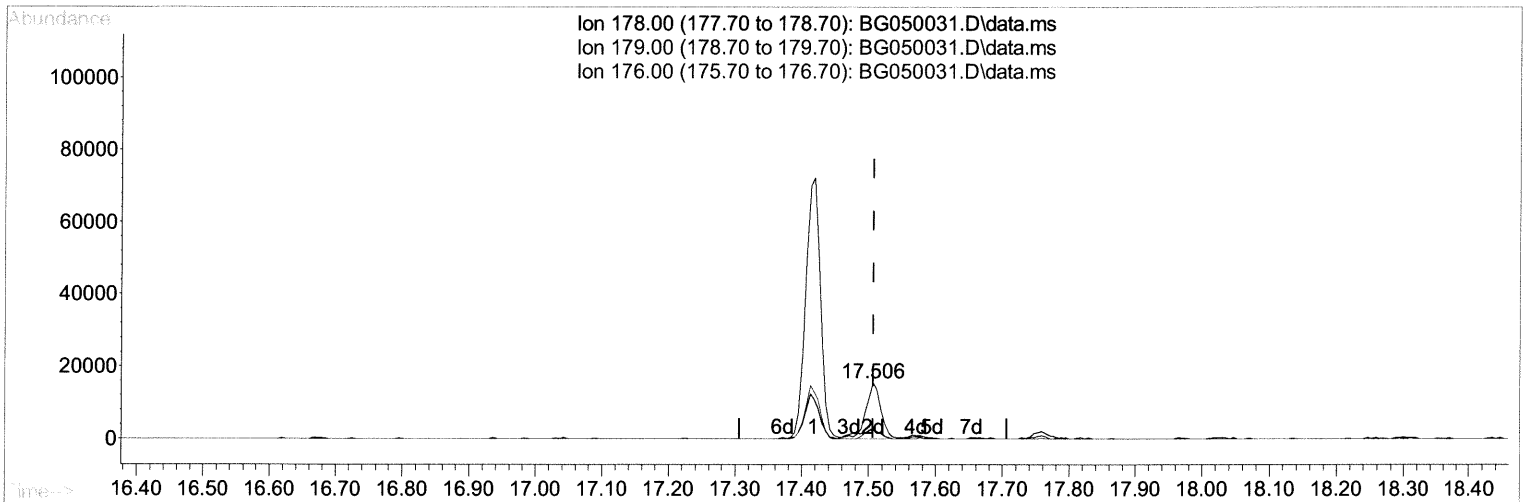
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TIC: BG050031.D\data.ms

(74) Anthracene

17.506min (-0.000) 2.97 ng/ul m 09/01/21 JU

response 23182

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.20	14.60
176.00	16.00	19.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

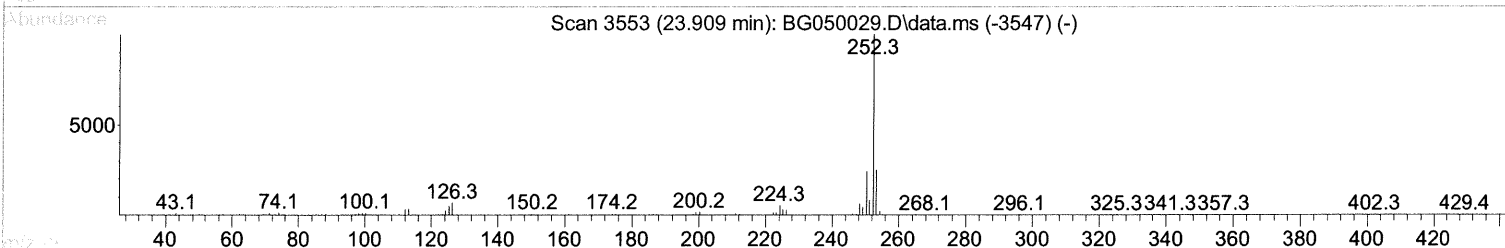
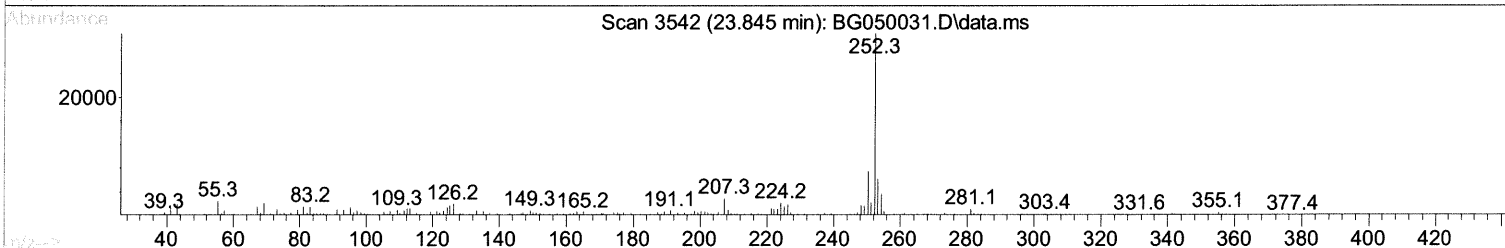
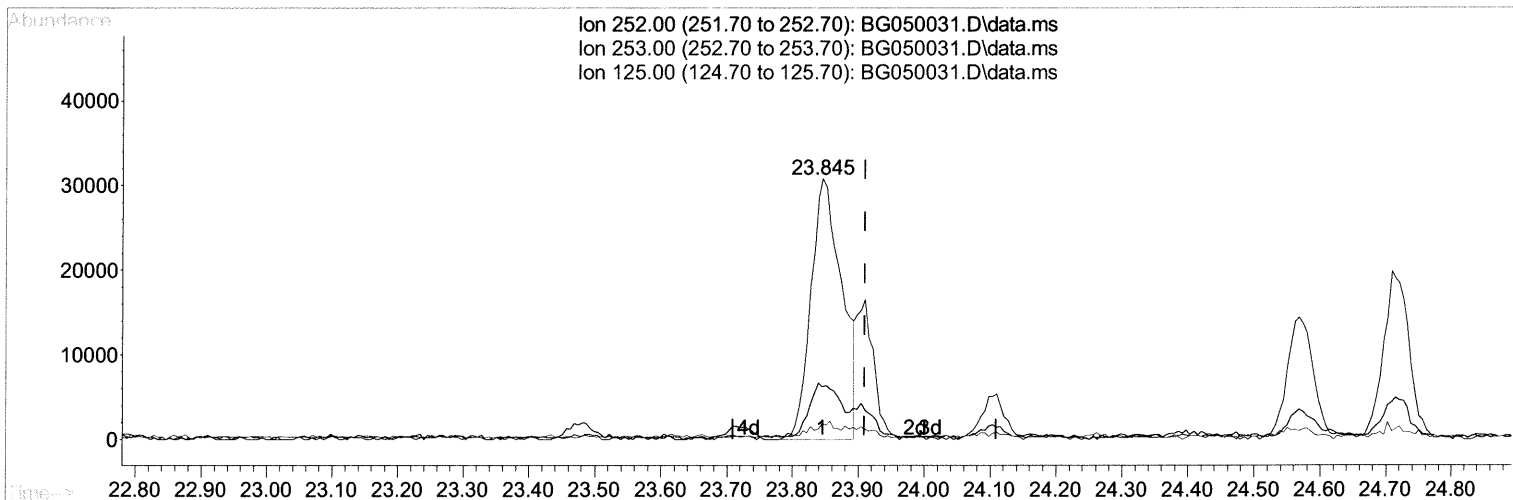
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 Data File : BG050031.D
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 Operator : CG/JU
 Sample : M3458-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BG050031.D\data.ms

(91) Benzo(k)fluoranthene

23.845min (-0.065) 11.55 ng/ul

response 100696

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	20.22
125.00	5.10	5.72
0.00	0.00	0.00

Quantitation Report (Qedit)

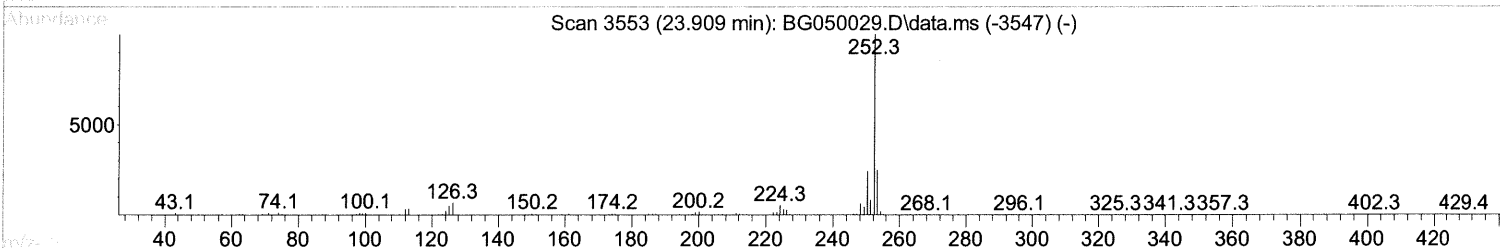
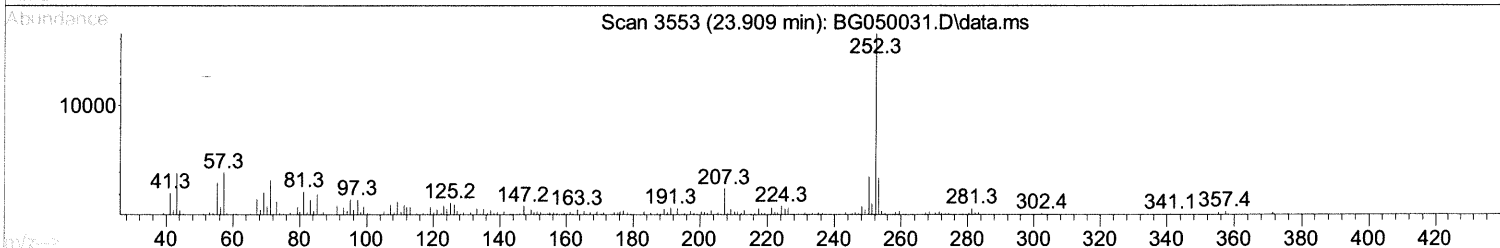
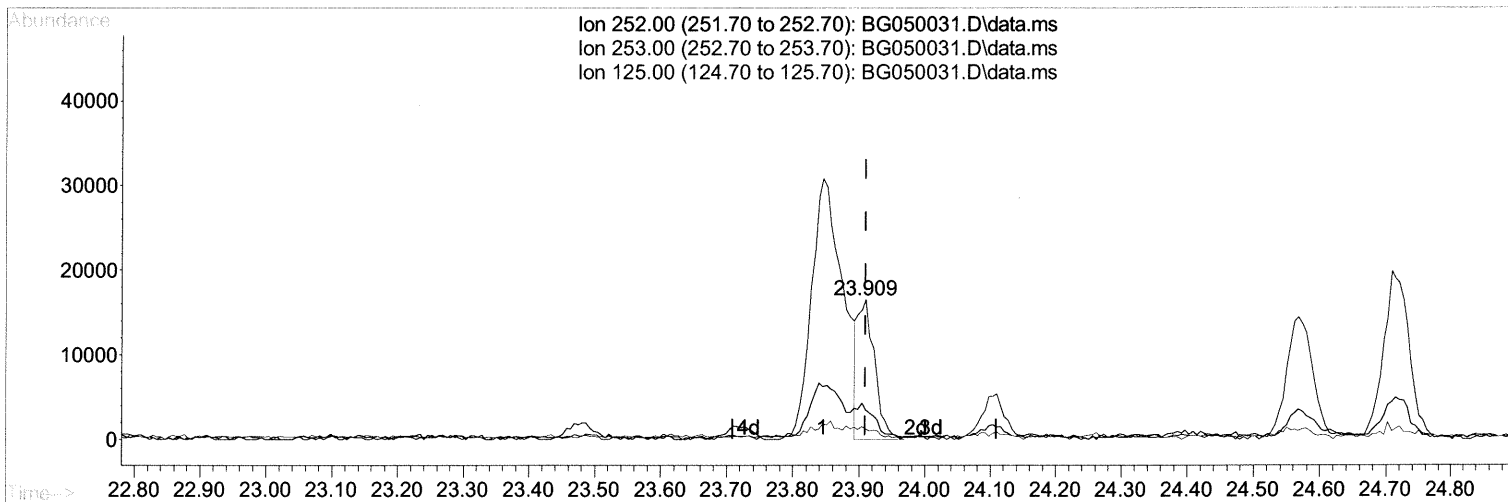
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Data File : BG050031.D
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Operator : CG/JU
Sample : M3458-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BG050031.D\data.ms

(91) Benzo(k)fluoranthene

23.909min (-0.000) 3.39 ng/ul m 09/01/21JU

response 29578

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.02
125.00	5.10	7.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

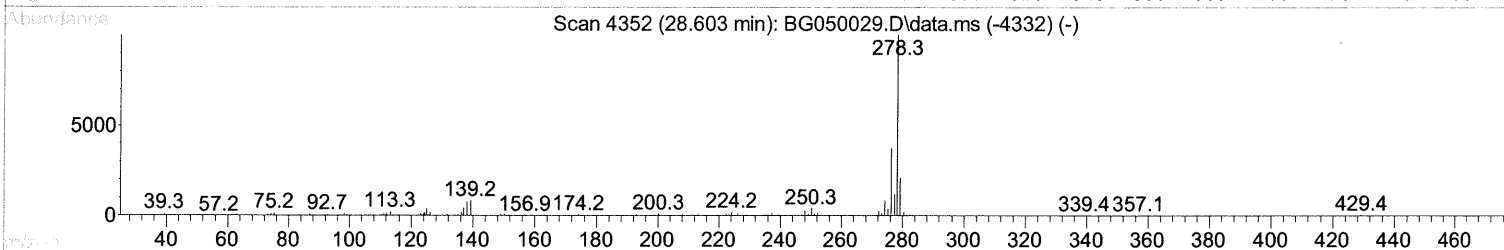
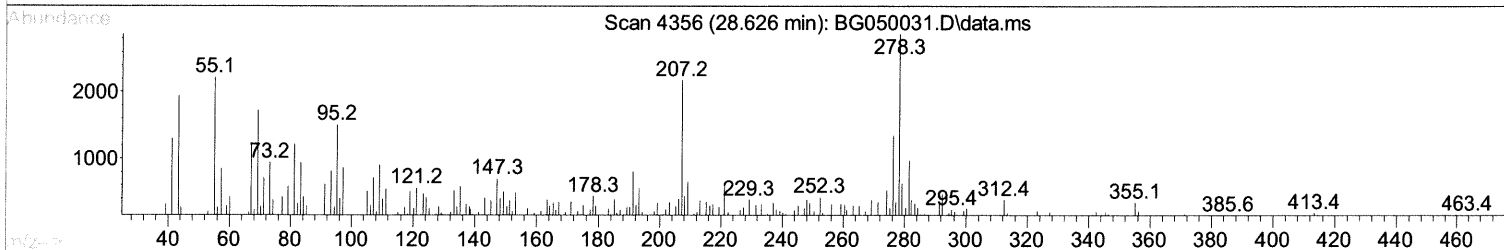
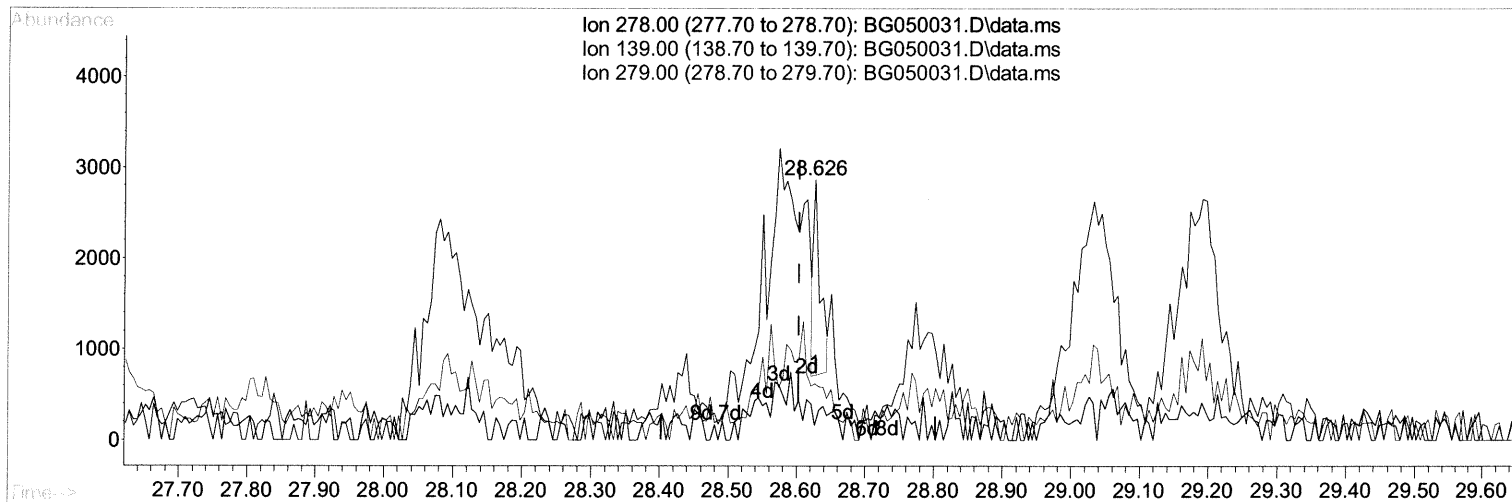
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Acq On : 30 Aug 2021 14:18
Operator : CG/JU
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TIC: BG050031.D\data.ms

(95) Dibenzo(a,h)anthracene

28.626min (+ 0.023) 0.17 ng/ul

response 1476

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	5.65
279.00	23.70	21.51
0.00	0.00	0.00

Quantitation Report (Qedit)

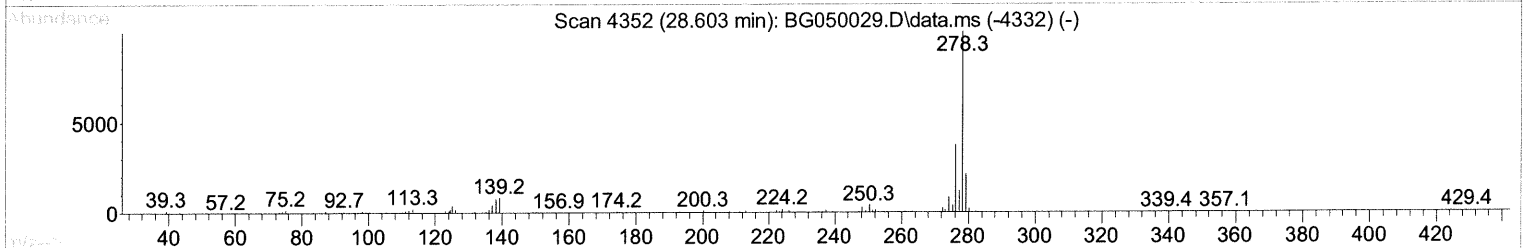
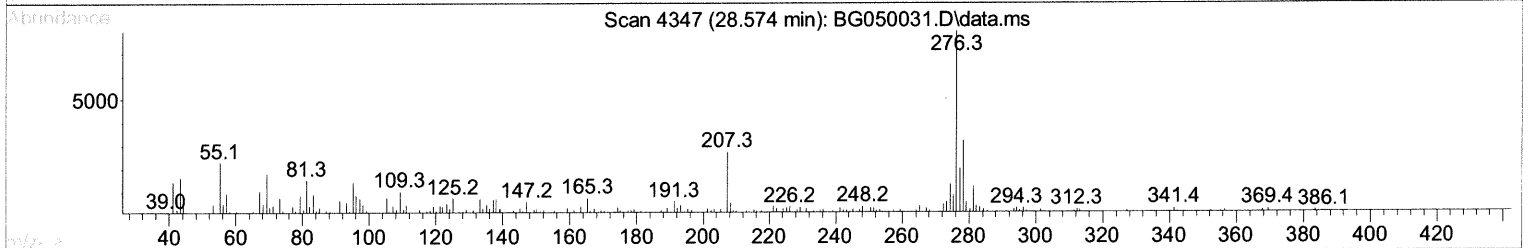
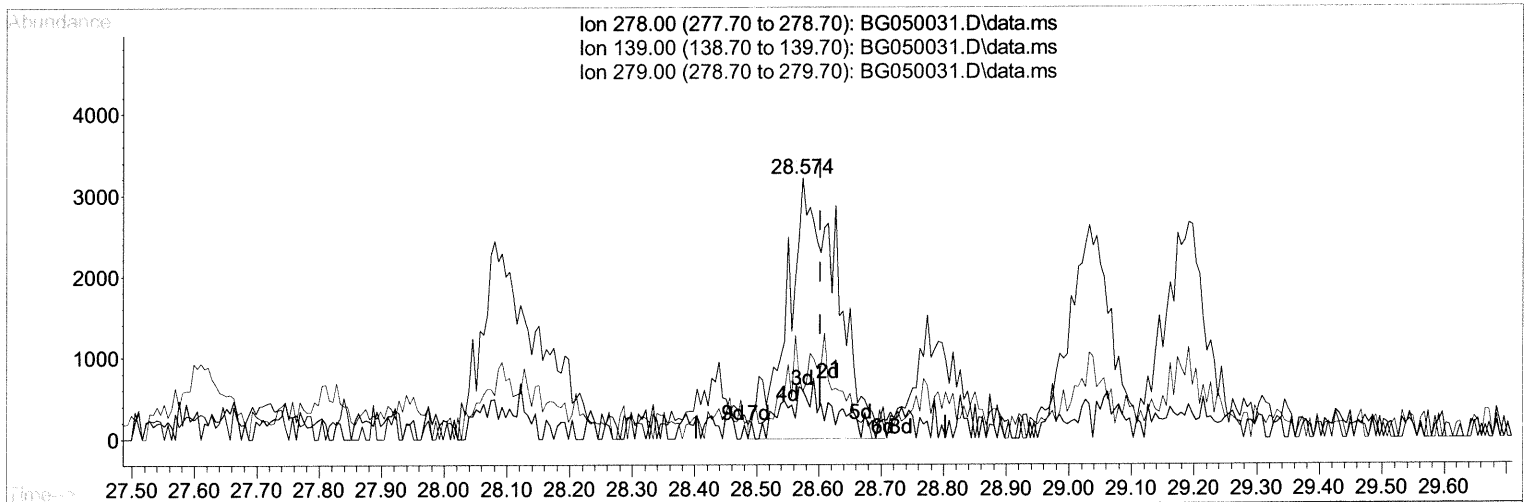
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG050031.D\data.ms

(95) Dibenzo(a,h)anthracene

28.574min (-0.029) 2.05 ng/ul m 09/01/21 JU

response 17991

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	9.70#
279.00	23.70	18.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

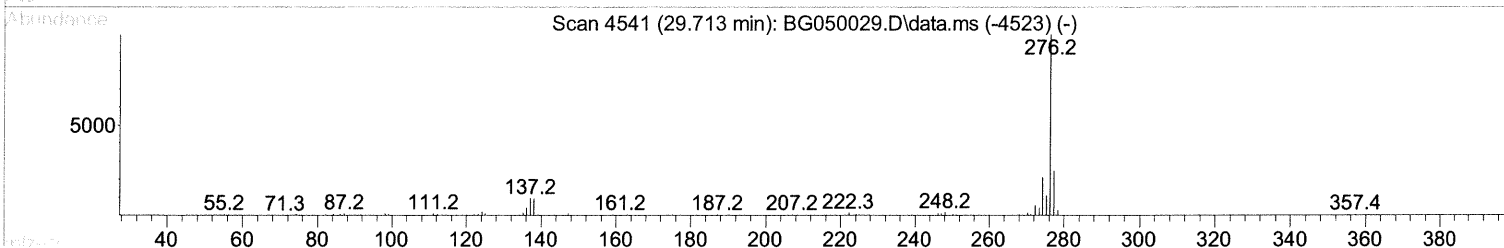
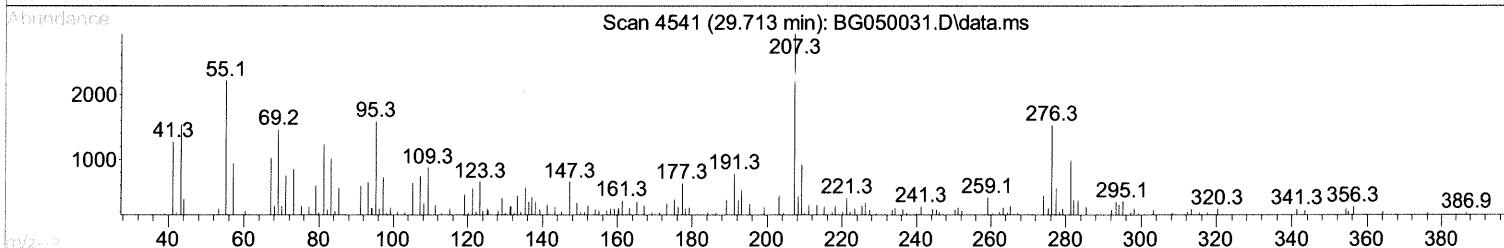
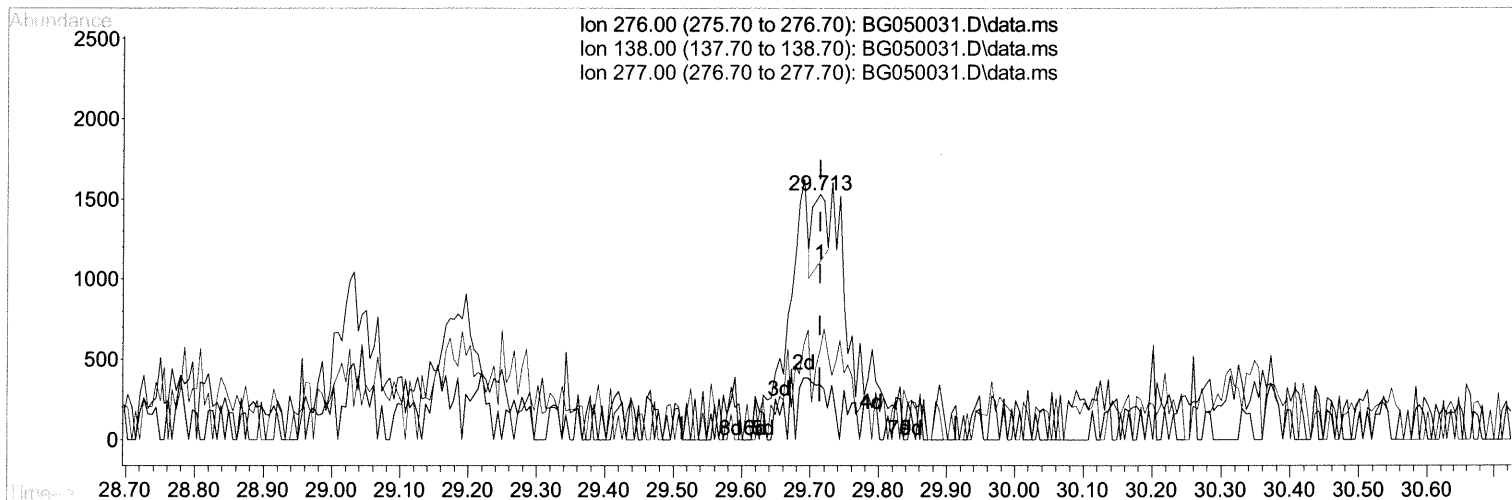
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TIC: BG050031.D\data.ms

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

29.713min (-0.000) 0.07 ng/ul

response 587

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	22.51#
277.00	21.70	36.06#
0.00	0.00	0.00

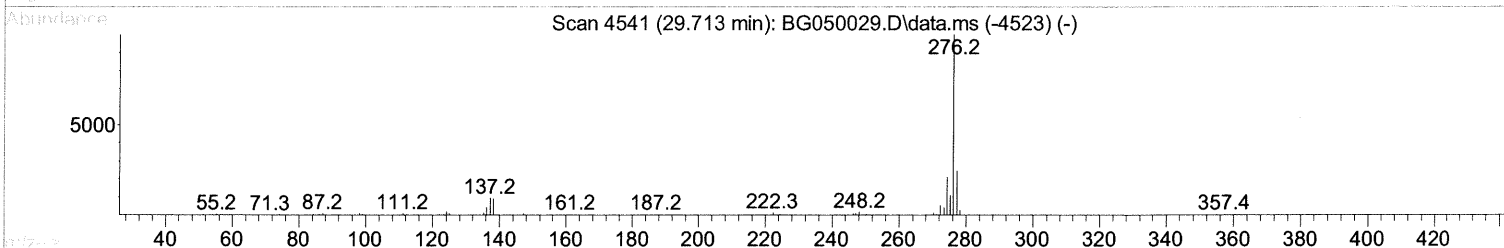
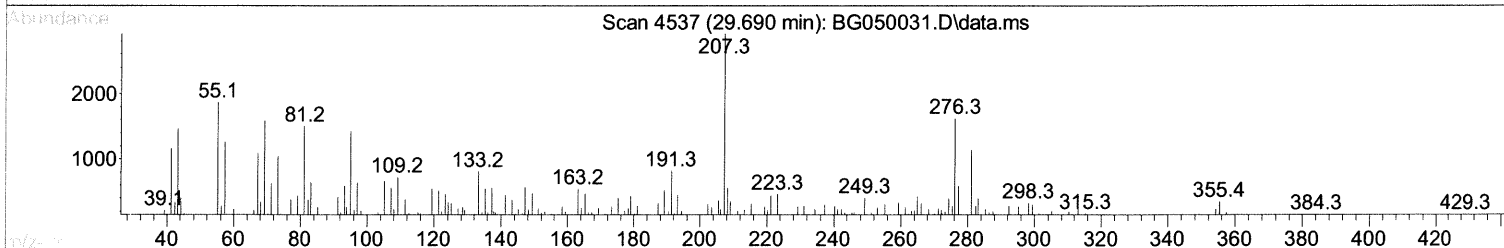
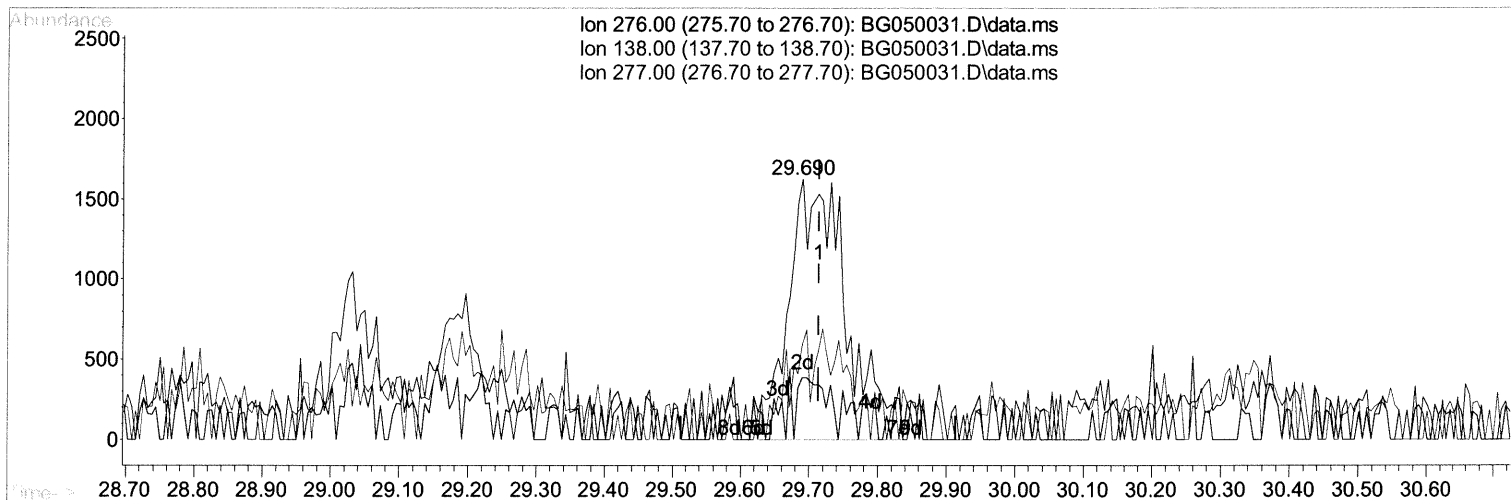
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Sample    : M3458-14  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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ClientSampleId :
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(96) Benzo (g,h,i) perylene

29.690min (-0.023) 1.06 ng/ul m 08/01/21JU

response 9409

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	12.07
277.00	21.70	36.39#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	25570	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	110286	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	75373	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	154246	20.000	ng/ul	0.00
79) Chrysene-d12	21.648	240	140624	20.000	ng/ul	0.00
88) Perylene-d12	24.867	264	143406	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	1714	3.457	ng/ul	0.00
4) Pyridine-d5	3.754	84	12603m	8.438	ng/ul	0.01
7) Phenol-d5	7.132	99	41719	19.214	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.279	67	21908	18.161	ng/ul	0.00
11) 2-Chlorophenol-d4	7.490	132	30711	18.903	ng/ul	0.00
15) 4-Methylphenol-d8	8.683	113	28439	16.631	ng/ul	0.00
21) Nitrobenzene-d5	9.129	128	16653	19.477	ng/ul	0.00
24) 2-Nitrophenol-d4	9.864	143	19526	19.179	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.410	165	36701	20.211	ng/ul	0.00
31) 4-Chloroaniline-d4	10.921	131	11908	4.818	ng/ul	0.00
46) Dimethylphthalate-d6	14.017	166	118514	20.545	ng/ul	0.00
49) Acenaphthylene-d8	14.311	160	146299	21.631	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	14920	17.877	ng/ul	0.00
60) Fluorene-d10	15.615	176	104227	21.311	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	15979	16.102	ng/ul	0.00
73) Anthracene-d10	17.471	188	158984	22.953	ng/ul	0.00
81) Pyrene-d10	19.762	212	170764	22.471	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.644	264	150129	19.733	ng/ul	0.00
Target Compounds						
					Qvalue	
56) Dibenzofuran	15.021	168	6334	1.020	ng/ul	99
72) Phenanthrene	17.418	178	112224	14.594	ng/ul	97
74) Anthracene	17.506	178	23182m	2.975	ng/ul	97
77) Carbazole	17.782	167	17141	2.472	ng/ul#	96
80) Fluoranthene	19.427	202	154040	16.427	ng/ul	98
82) Pyrene	19.791	202	113689	12.235	ng/ul	97
85) Benzo(a)anthracene	21.624	228	70950	8.097	ng/ul	99
87) Chrysene	21.689	228	62866	7.590	ng/ul	98
90) Benzo(b)fluoranthene	23.845	252	100696	10.977	ng/ul#	95
91) Benzo(k)fluoranthene	23.909	252	29578m	3.392	ng/ul	97
93) Benzo(a)pyrene	24.708	252	52142	6.545	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.556	276	46396	4.415	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.574	278	17991m	2.045	ng/ul	97
96) Benzo(g,h,i)perylene	29.690	276	9409m	1.065	ng/ul	97

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