

Quantitation Report (QT Reviewed)

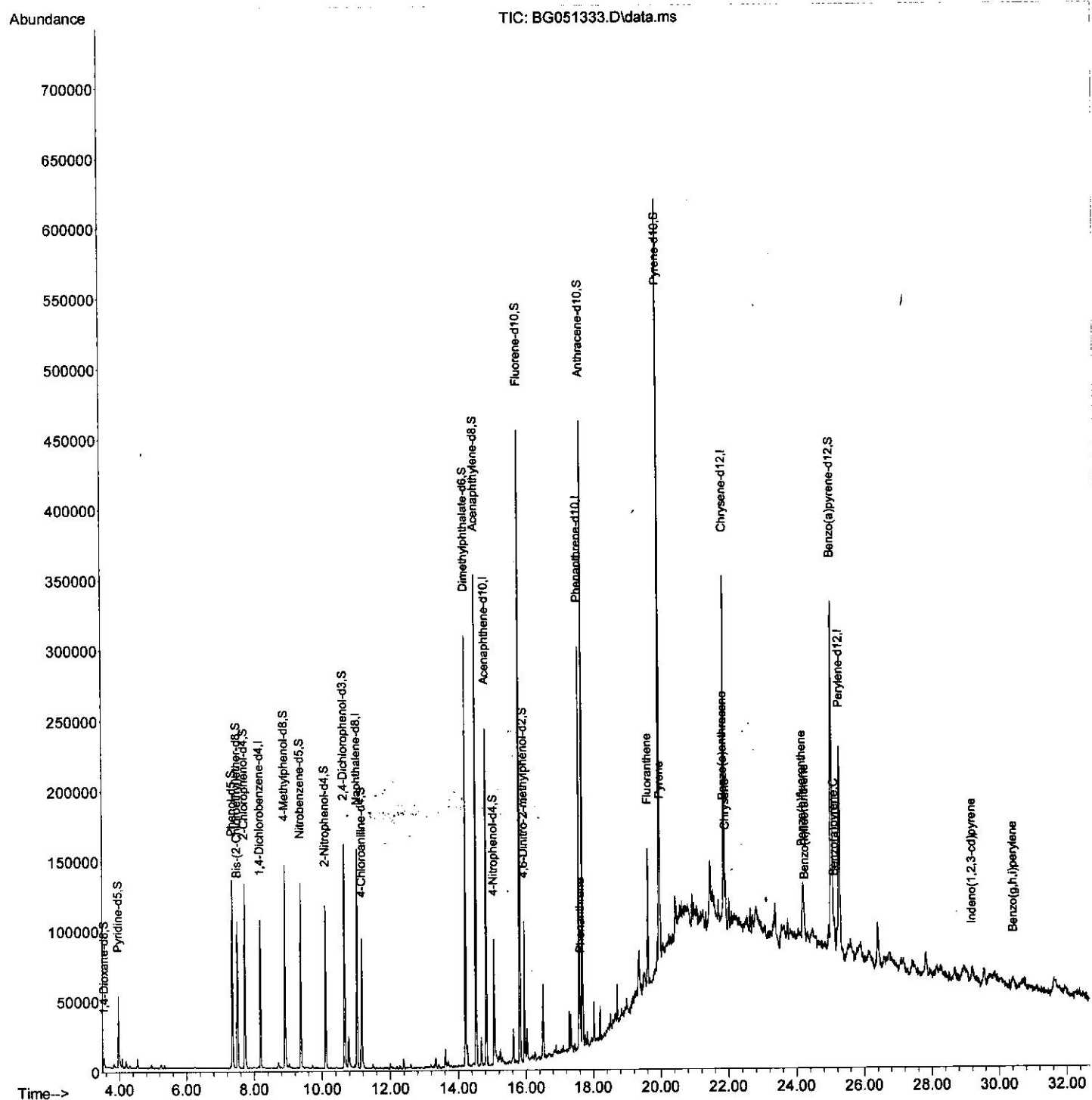
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
 Data File : BG051333.D
 Acq On : 3 Dec 2021 17:22
 Operator : CG/JU
 Sample : M4833-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 ESQM4

Quant Time: Dec 03 23:36:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 12/06/2021
 Supervised By : mohammad ahmed 12/07/2021



Quantitation Report (Qedit)

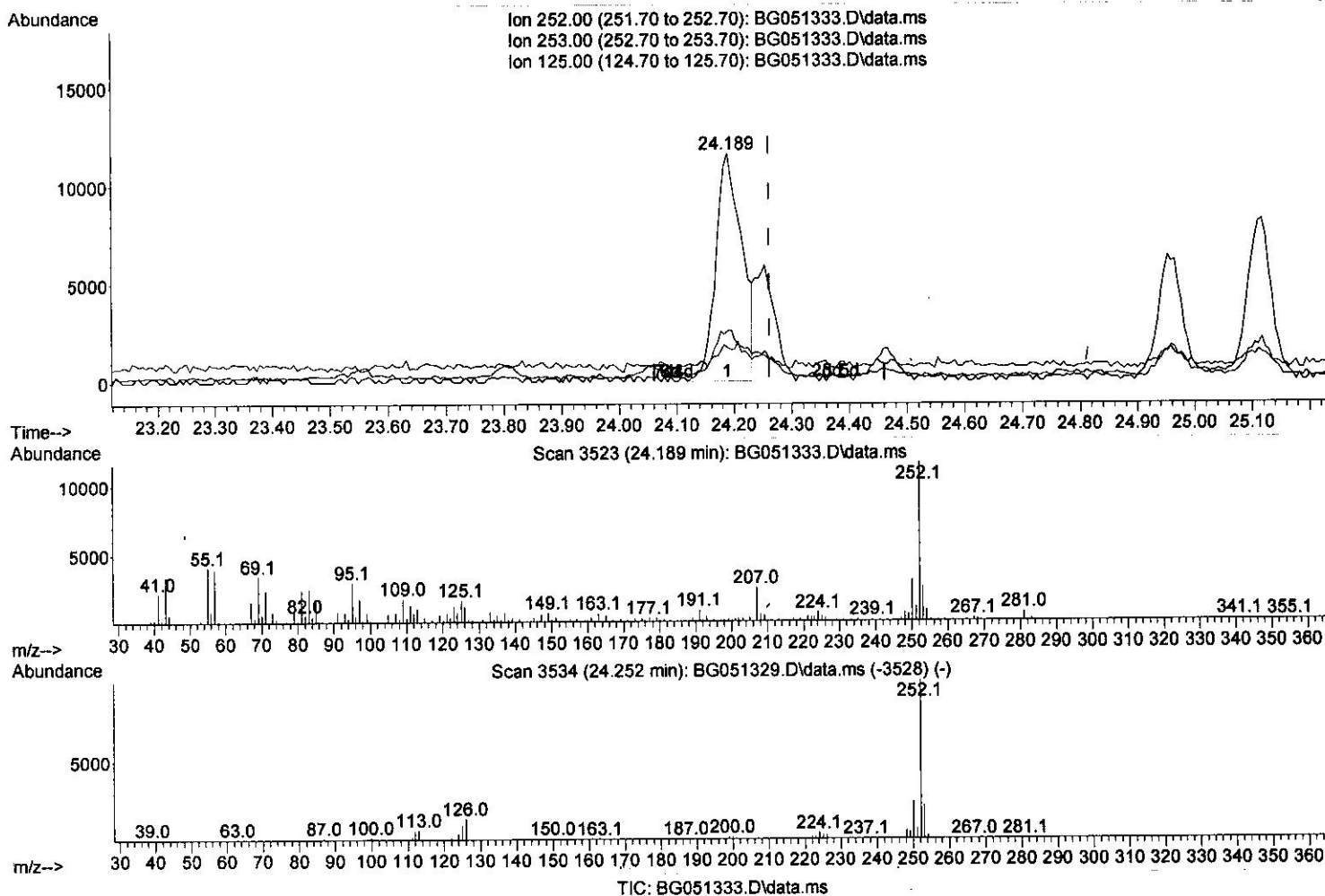
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(91) Benzo(k)fluoranthene

24.189min (-0.072) 3.78 ng/ul

response 36709

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.34
125.00	9.70	14.80#
0.00	0.00	0.00

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Instrument :

BNA_G

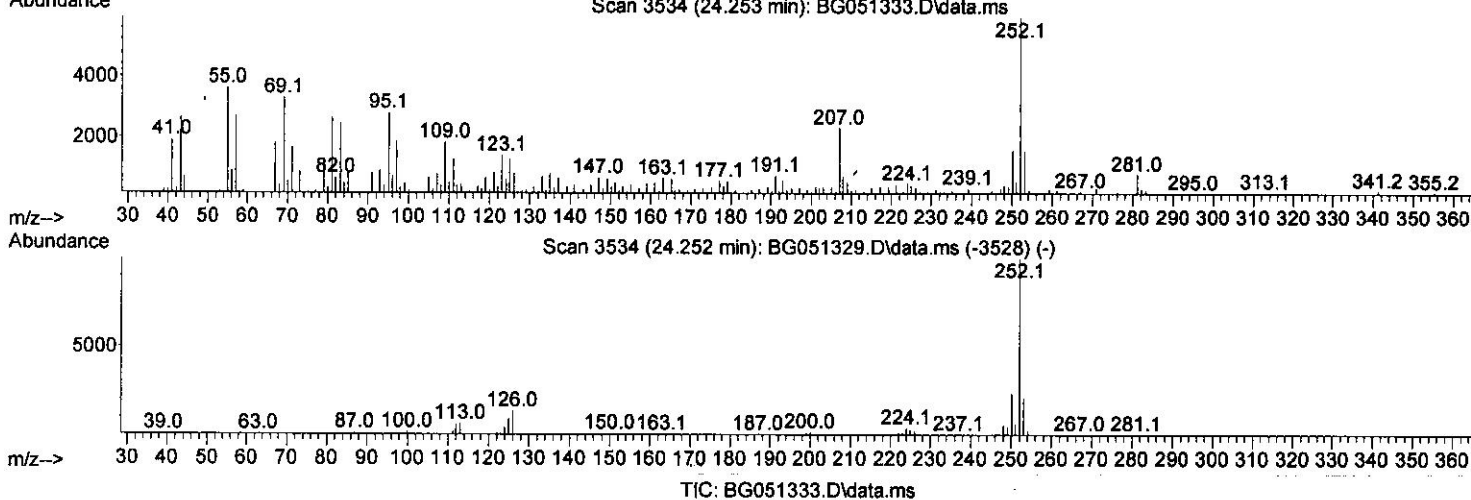
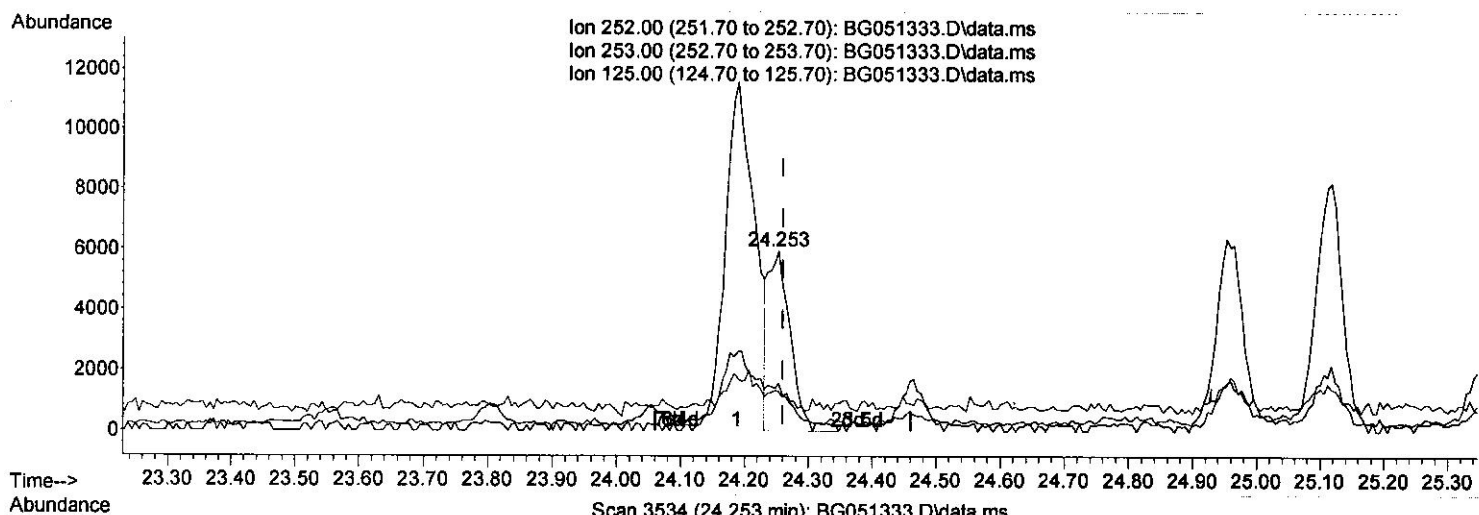
ClientSampled :

ESQM4

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(91) Benzo(k)fluoranthene

24.253min (-0.007) 1.51 ng/ul m) 12/17/21

response 14664

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	26.13#
125.00	9.70	21.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

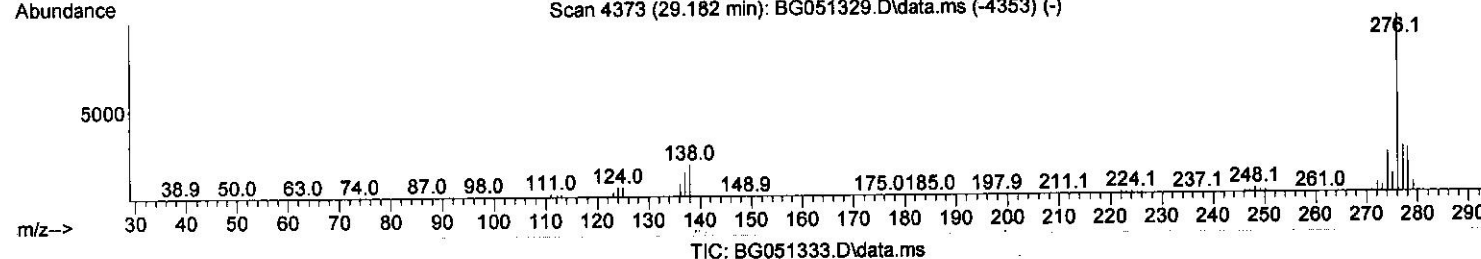
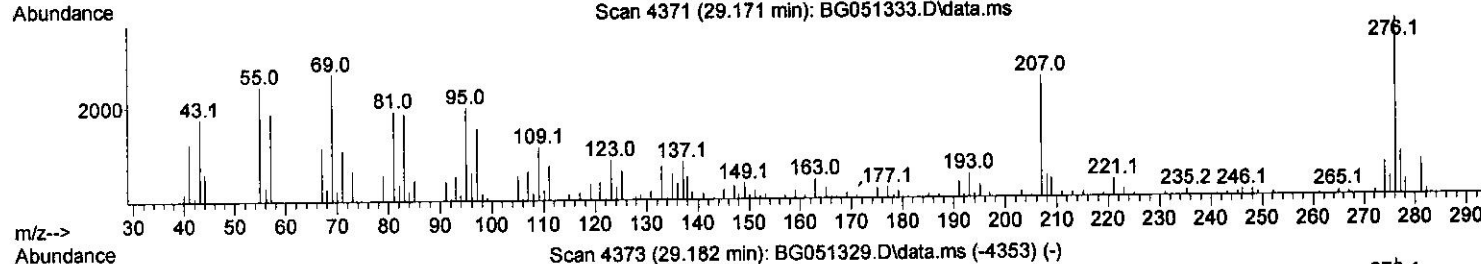
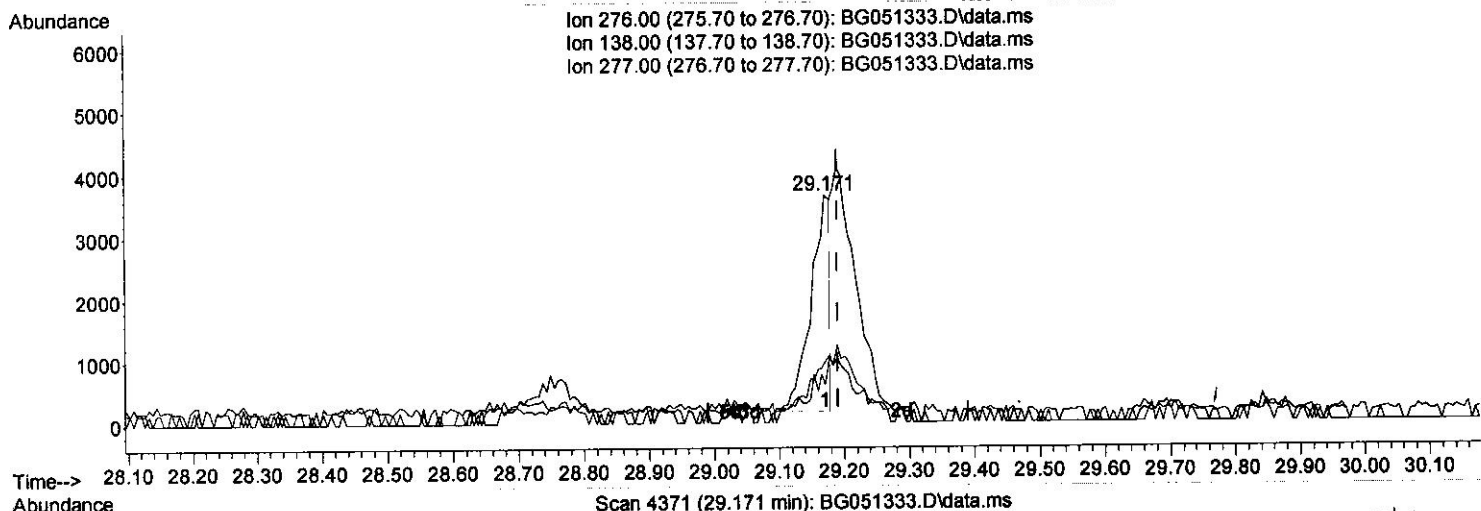
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 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(94) Indeno(1,2,3-cd)pyrene

29.171min (-0.019) 0.63 ng/ul

response 6975

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	16.57
277.00	25.60	26.78
0.00	0.00	0.00

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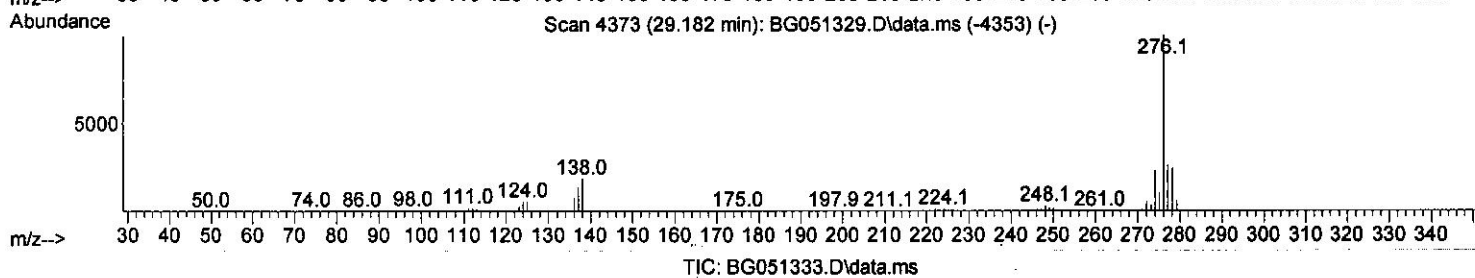
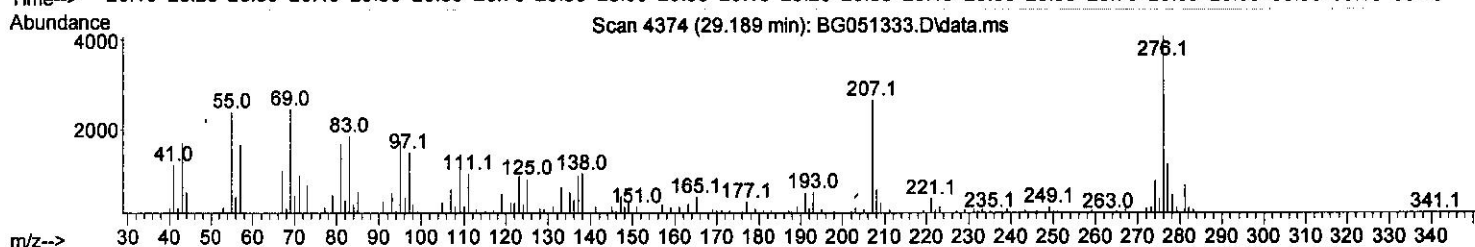
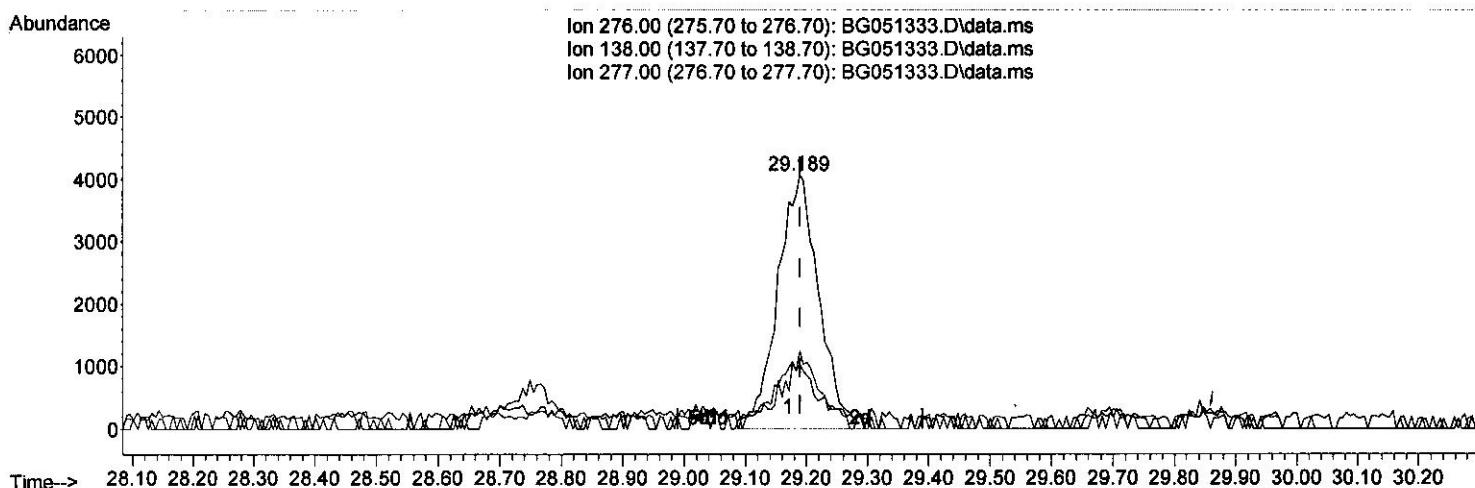
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(94) Indeno(1,2,3-cd)pyrene

29.189min (-0.001) 1.73 ng/ul m

response 19080

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	25.26#
277.00	25.60	30.48
0.00	0.00	0.00

Quantitation Report (Qedit)

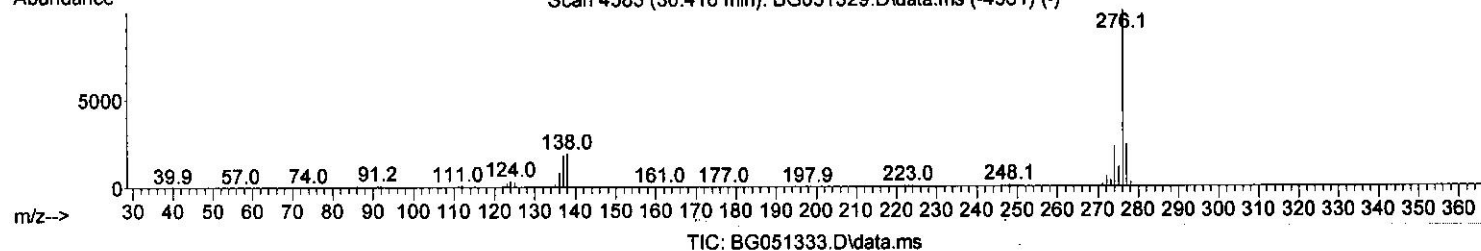
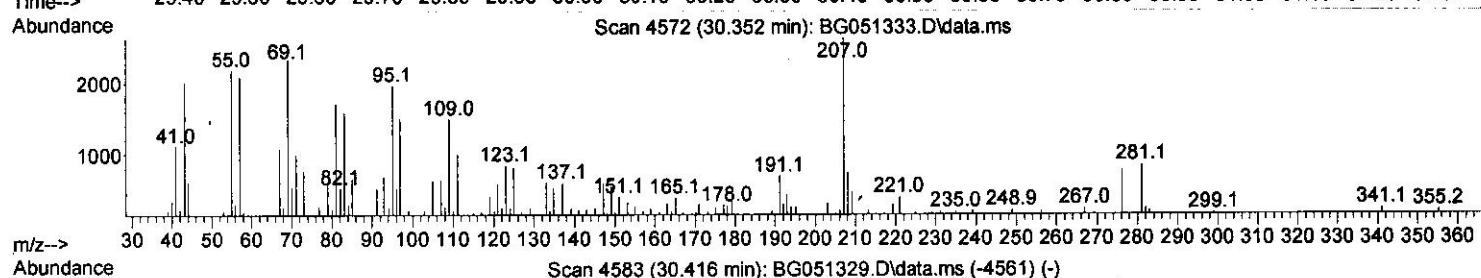
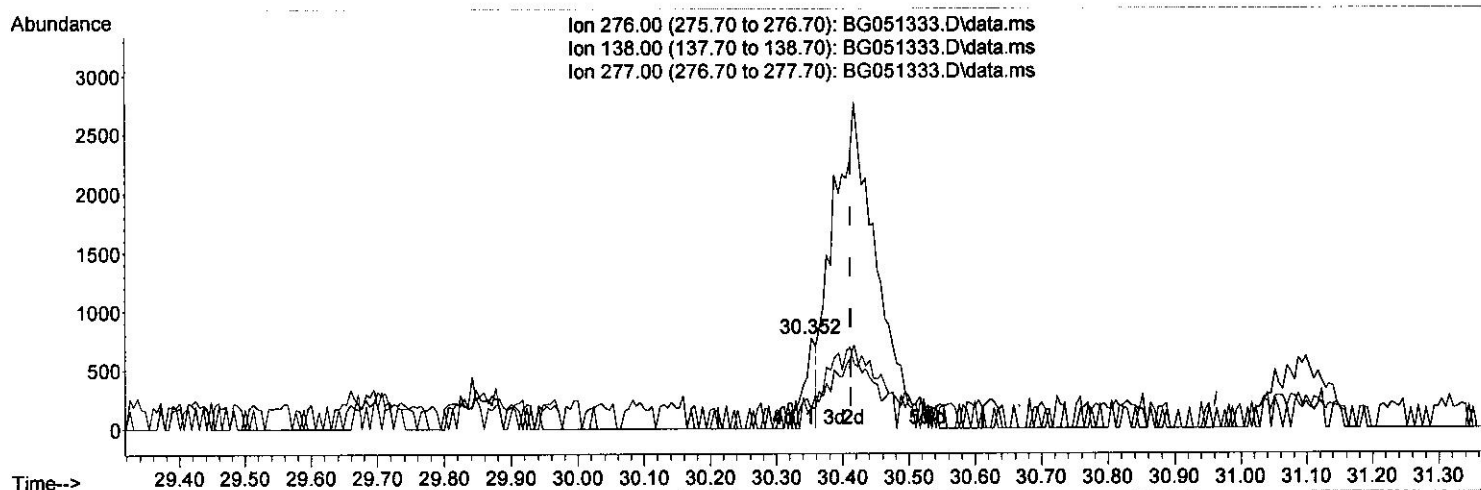
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(96) Benzo(g,h,i)perylene

30.352min (-0.060) 0.11 ng/ul

response 990

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	21.95
277.00	22.00	21.17
0.00	0.00	0.00

Quantitation Report (Qedit)

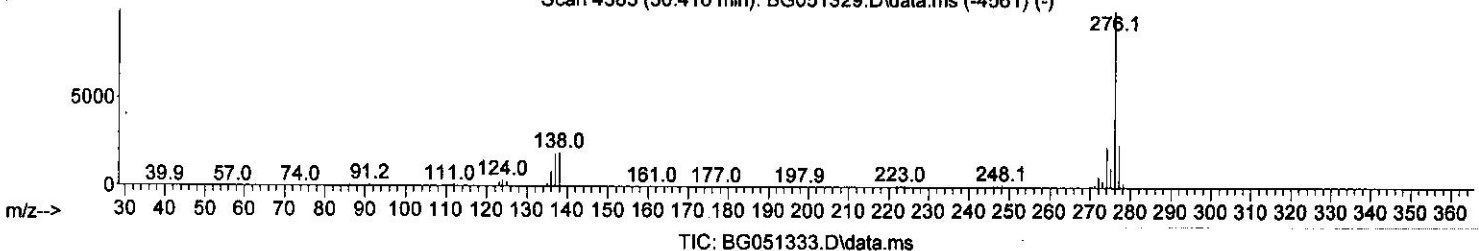
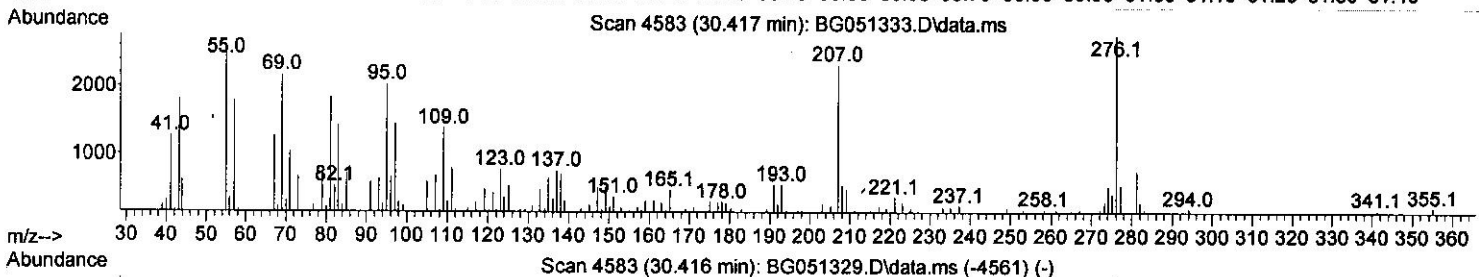
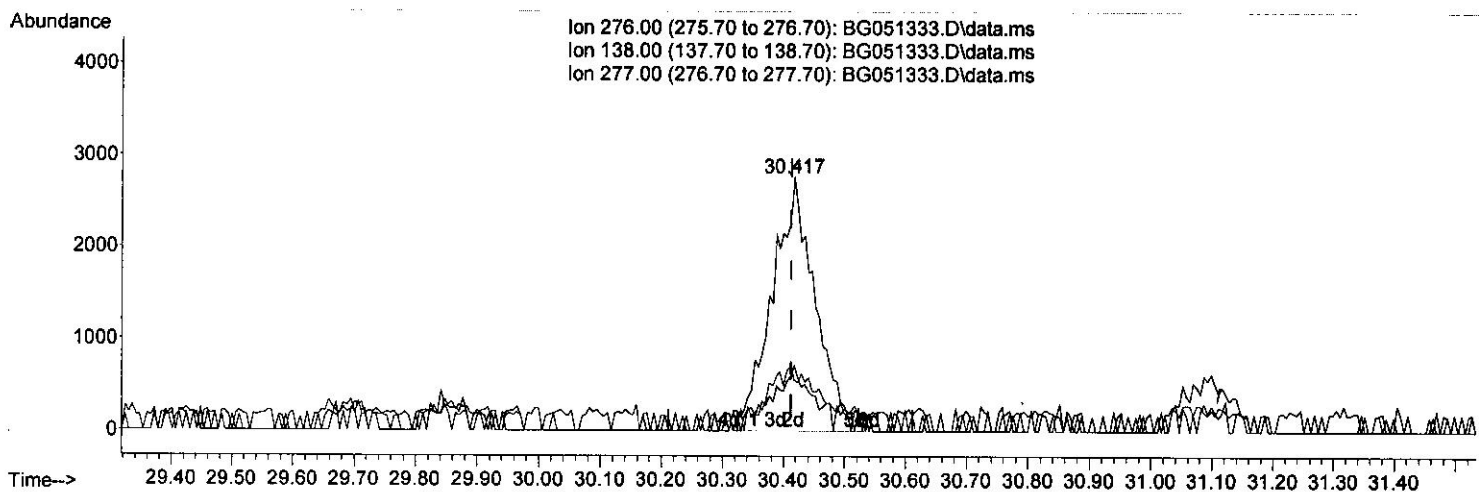
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(96) Benzo(g,h,i)perylene

30.417min (+ 0.005) 1.48 ng/ul m 3.121721

response 13704

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	25.79#
277.00	22.00	19.88
0.00	0.00	0.00

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Instrument :

BNA_G

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ESQM4

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.190	152	30129	20.000 ng/ul	-0.01
20) Naphthalene-d8	11.022	136	131802	20.000 ng/ul	0.00
38) Acenaphthene-d10	14.823	164	85422	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.573	188	175138	20.000 ng/ul	0.00
79) Chrysene-d12	21.874	240	149972	20.000 ng/ul	0.00
88) Perylene-d12	25.276	264	153235	20.000 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.537	96	3653	4.213 ng/ul	0.00
4) Pyridine-d5	3.965	84	32861	12.916 ng/ul	-0.01
7) Phenol-d5	7.356	99	82655	27.757 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.508	67	53160	28.425 ng/ul	0.00
11) 2-Chlorophenol-d4	7.726	132	60715	28.315 ng/ul	0.00
15) 4-Methylphenol-d8	8.907	113	58861	24.495 ng/ul	0.00
21) Nitrobenzene-d5	9.371	128	32782	29.464 ng/ul	0.00
24) 2-Nitrophenol-d4	10.099	143	37985	30.266 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	61227	28.753 ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	54948	17.635 ng/ul	0.00
46) Dimethylphthalate-d6	14.218	166	200274	30.470 ng/ul	0.00
49) Acenaphthylene-d8	14.524	160	258663	31.209 ng/ul	0.00
54) 4-Nitrophenol-d4	15.052	143	28378	26.673 ng/ul	0.00
60) Fluorene-d10	15.816	176	179036	30.249 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.946	200	22825	21.120 ng/ul	0.00
73) Anthracene-d10	17.673	188	261753	31.250 ng/ul	0.00
81) Pyrene-d10	19.953	212	299226	32.975 ng/ul	0.00
92) Benzo(a)pyrene-d12	25.041	264	265459	32.437 ng/ul	0.00
Target Compounds					
72) Phenanthrene	17.620	178	21481	2.221 ng/ul	97
80) Fluoranthene	19.618	202	63511	5.698 ng/ul	96
82) Pyrene	19.982	202	48436	4.443 ng/ul	96
85) Benzo(a)anthracene	21.850	228	24110	2.370 ng/ul	98
87) Chrysene	21.921	228	27345	2.798 ng/ul	97
90) Benzo(b)fluoranthene	24.189	252	36709	3.550 ng/ul#	96
91) Benzo(k)fluoranthene	24.253	252	14664m	1.511 ng/ul	89
93) Benzo(a)pyrene	25.117	252	24257	2.459 ng/ul#	
94) Indeno(1,2,3-cd)pyrene	29.189	276	19080m	1.728 ng/ul	
96) Benzo(g,h,i)perylene	30.417	276	13704m	1.475 ng/ul	

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

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12/12/21