

Quantitation Report (LSC Reviewed)

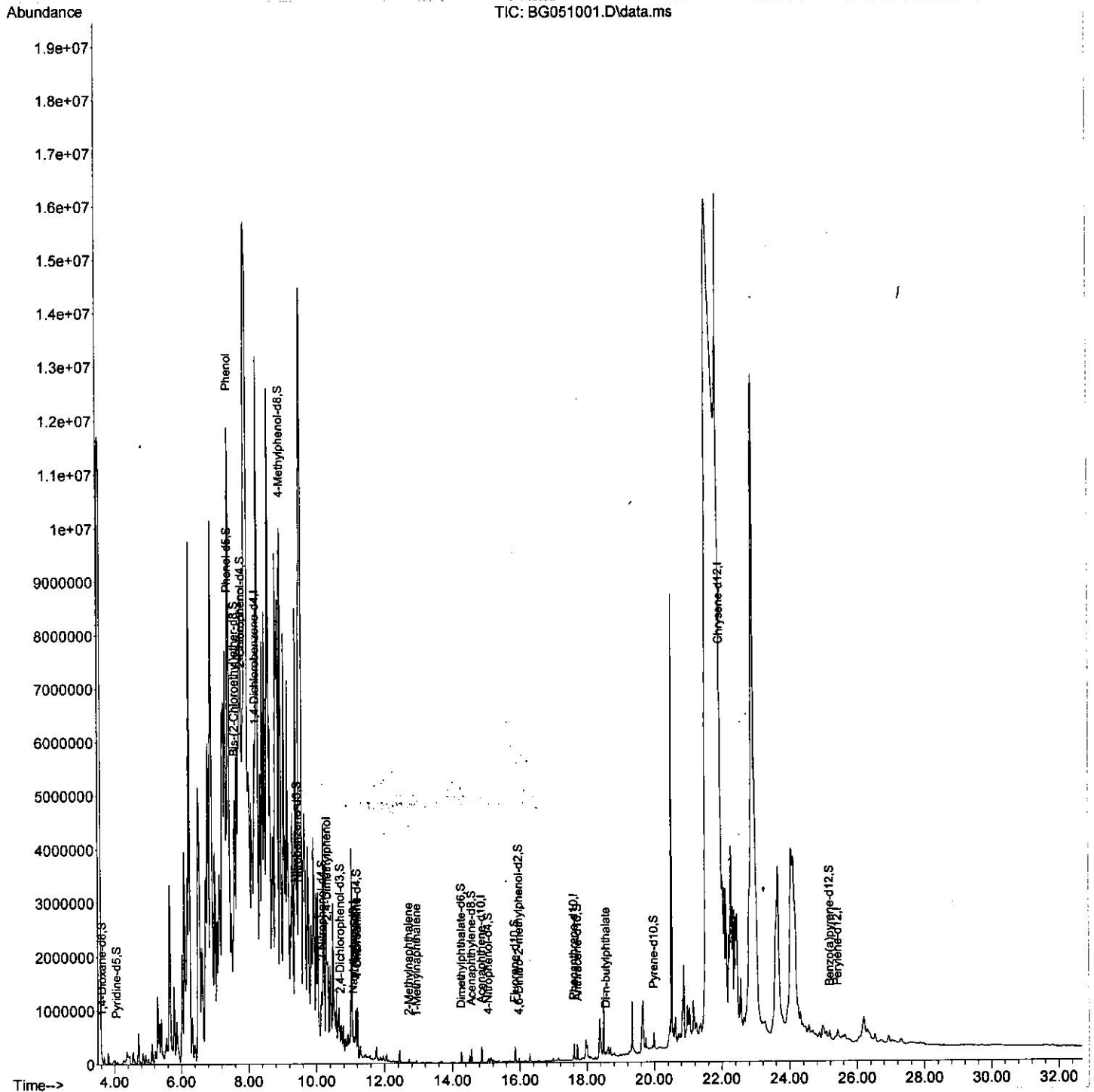
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
 Data File : BG051001.D
 Acq On : 12 Nov 2021 15:06
 Operator : CG/JU
 Sample : M4615-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 C0V15

Quant Time: Nov 12 15:40:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 11 12:40:48 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 11/12/2021
 Supervised By : mohammad ahmed 11/17/2021



Quantitation Report (Qedit)

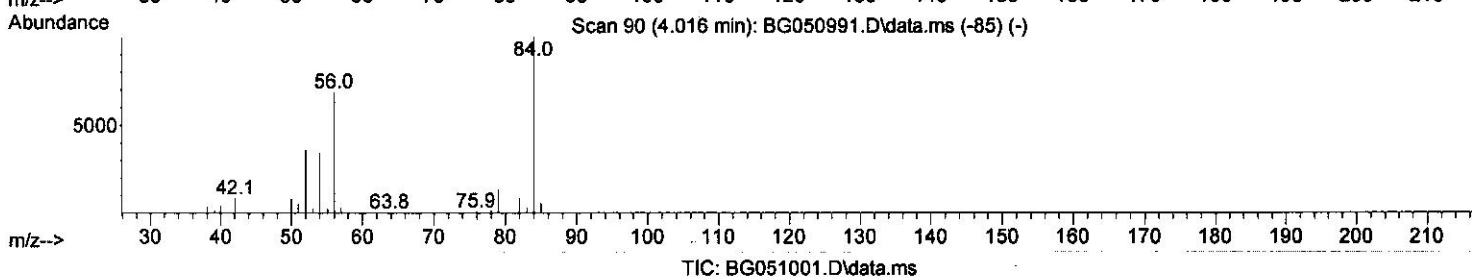
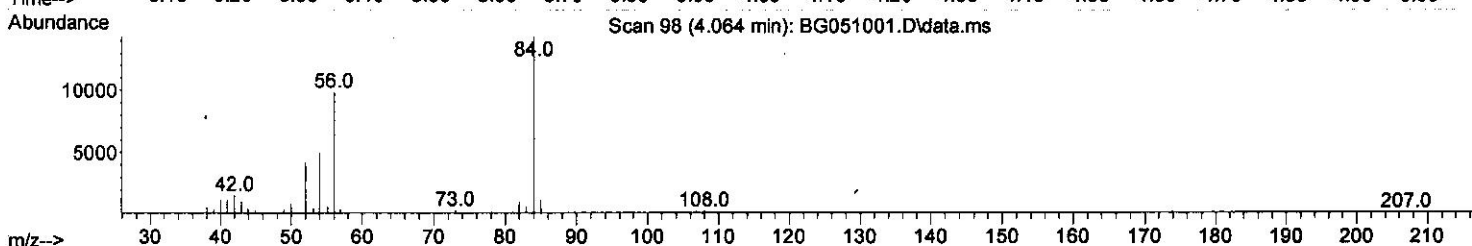
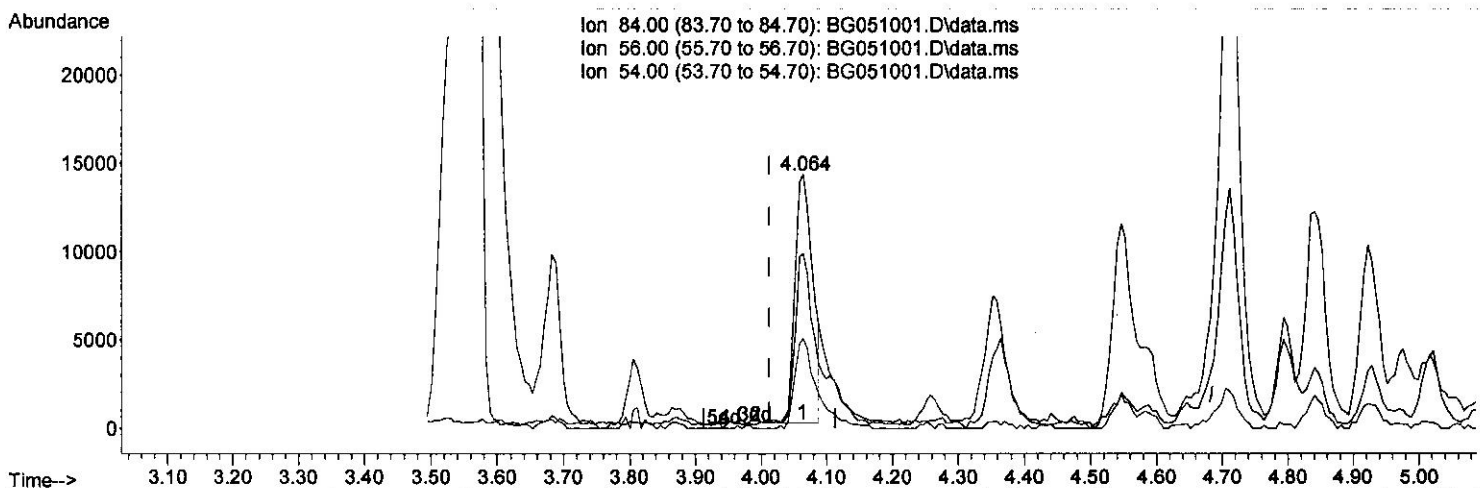
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 QLast Update : Mon Nov 15 12:03:08 2021
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(4) Pyridine-d5 (S)

4.064min (+ 0.051) 16.73 ng/ul

response 26897

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	68.92
54.00	31.50	35.44
0.00	0.00	0.00

Quantitation Report (Qedit)

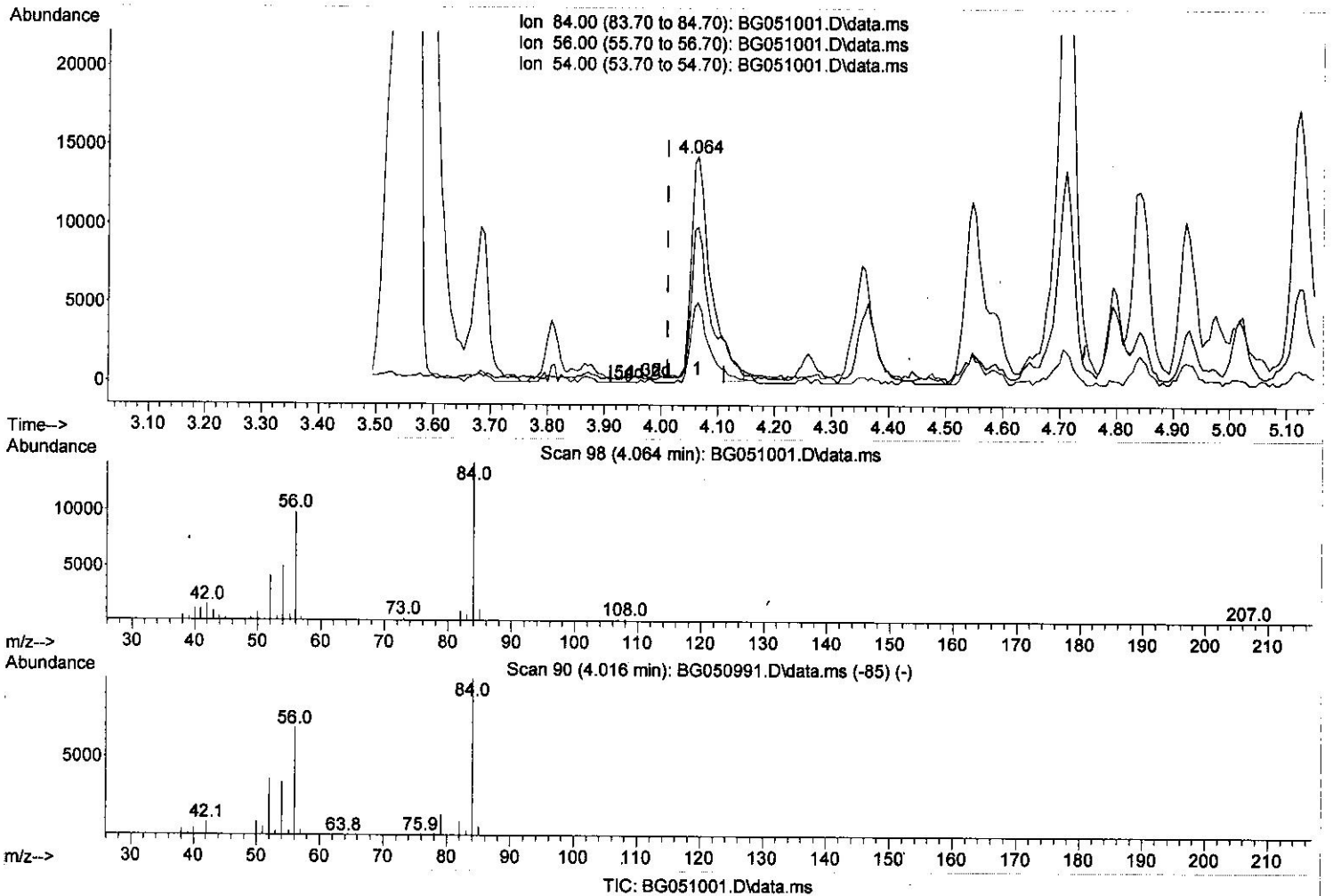
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(4) Pyridine-d5 (S)

4.064min (+ 0.053) 21.69 ng/ul m } 20 11/29/21

response 34865

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	68.92
54.00	31.50	35.44
0.00	0.00	0.00

Quantitation Report (Qedit)

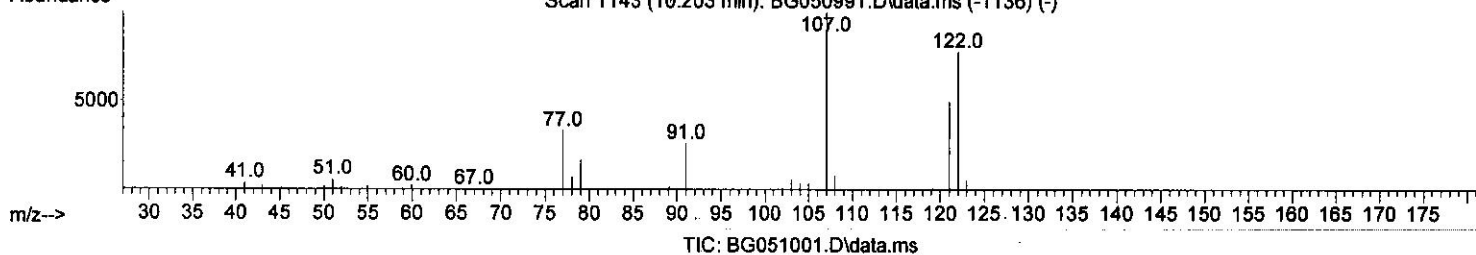
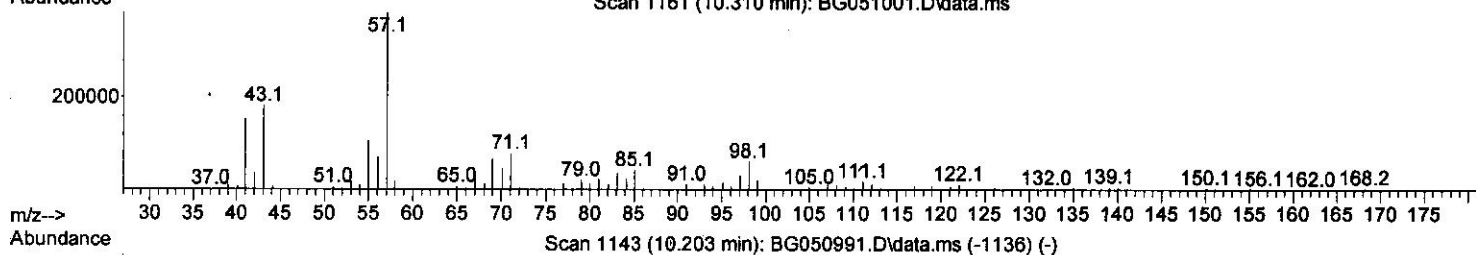
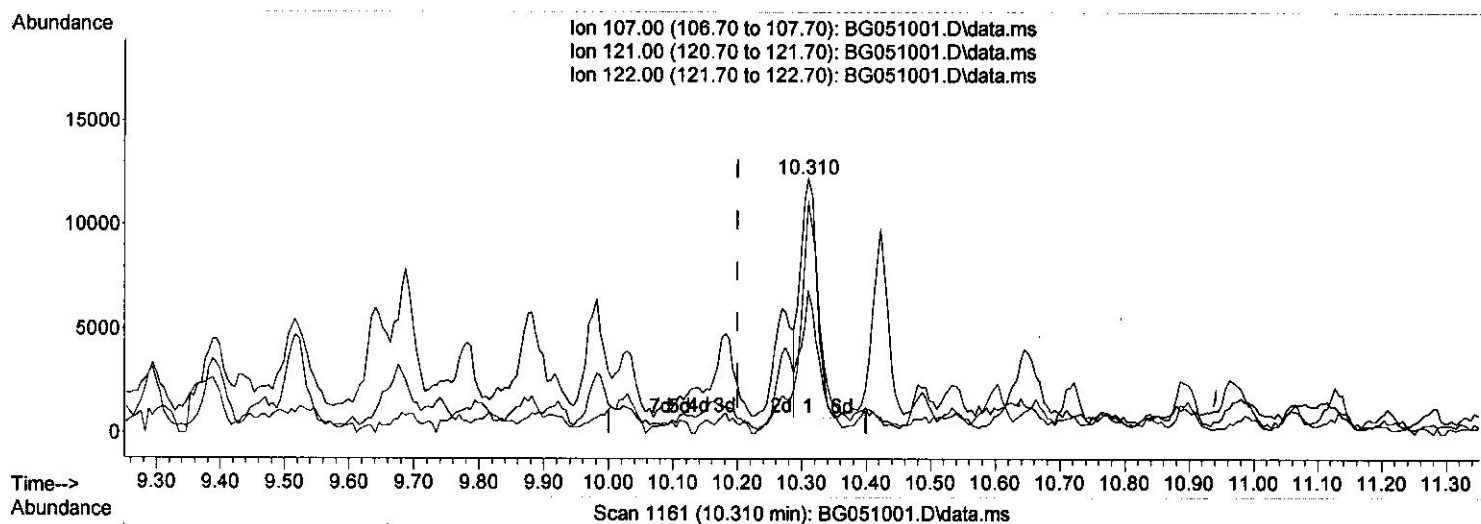
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(26) 2,4-Dimethylphenol

10.310min (+ 0.110) 7.05 ng/ul

response 21012

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	56.02
122.00	79.60	91.13
0.00	0.00	0.00

Quantitation Report (Qedit)

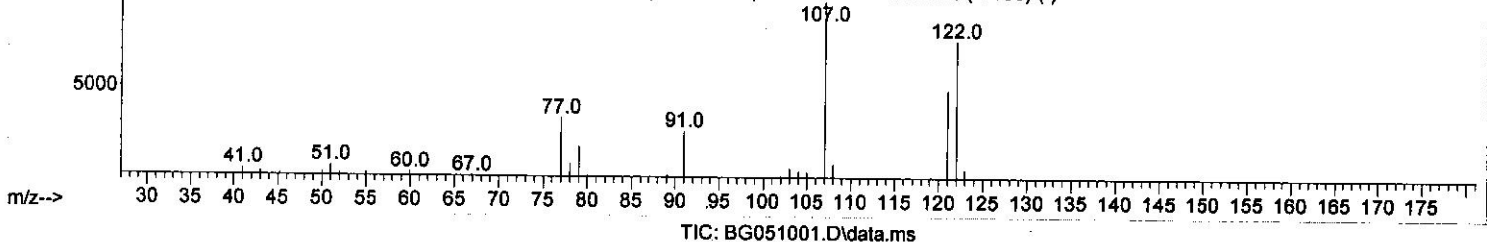
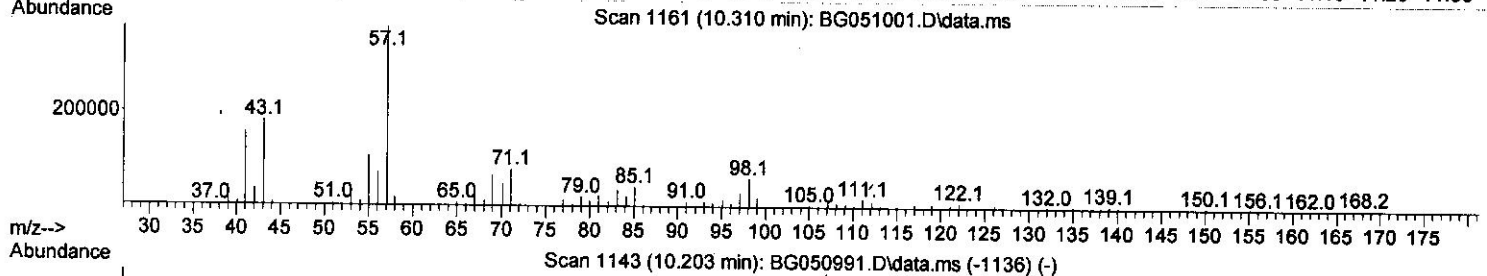
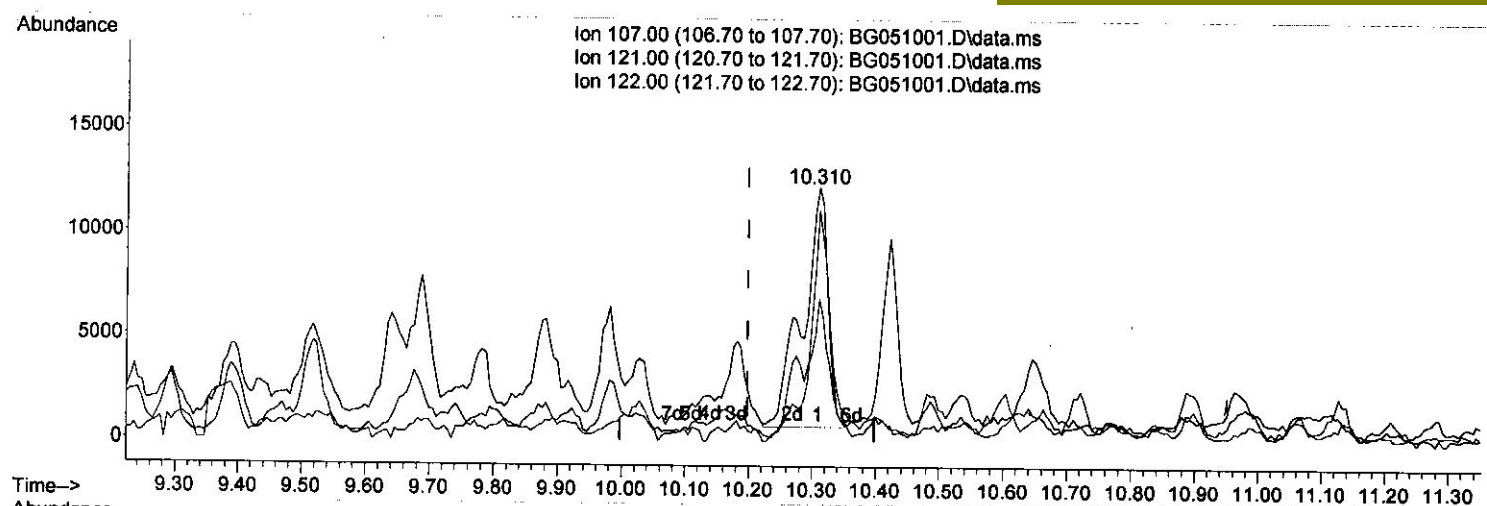
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(26) 2,4-Dimethylphenol

10.310min (+ 0.112) 10.76 ng/ul m 3.5 v 11/29/21

response 32074

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	56.02
122.00	79.60	91.13
0.00	0.00	0.00

Quantitation Report (Qedit)

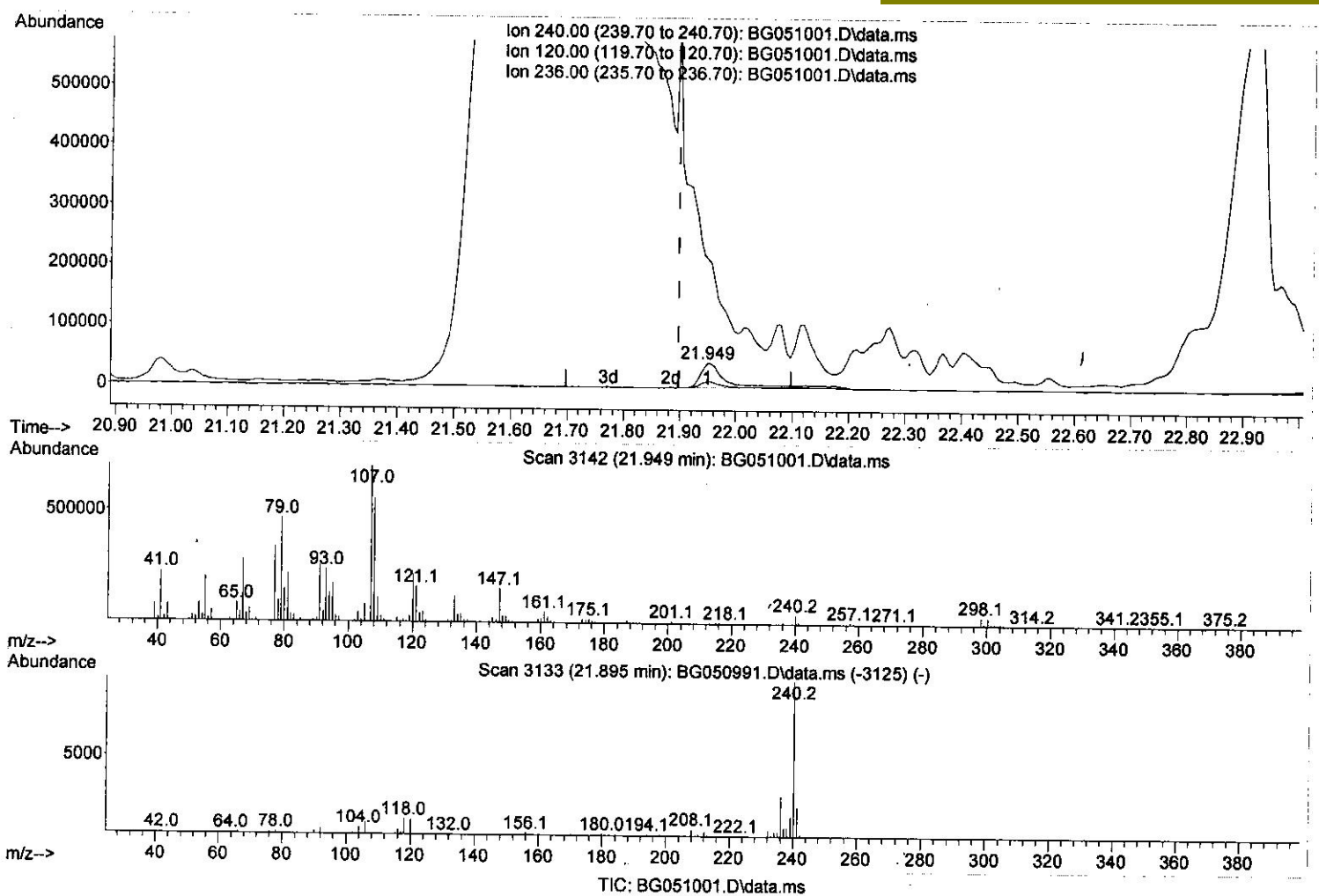
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(79) Chrysene-d12 (I)

21.949min (+ 0.051) 20.00 ng/ul

response 103582

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	9.50	521.65#
236.00	26.70	25.18
0.00	0.00	0.00

Quantitation Report (Qedit)

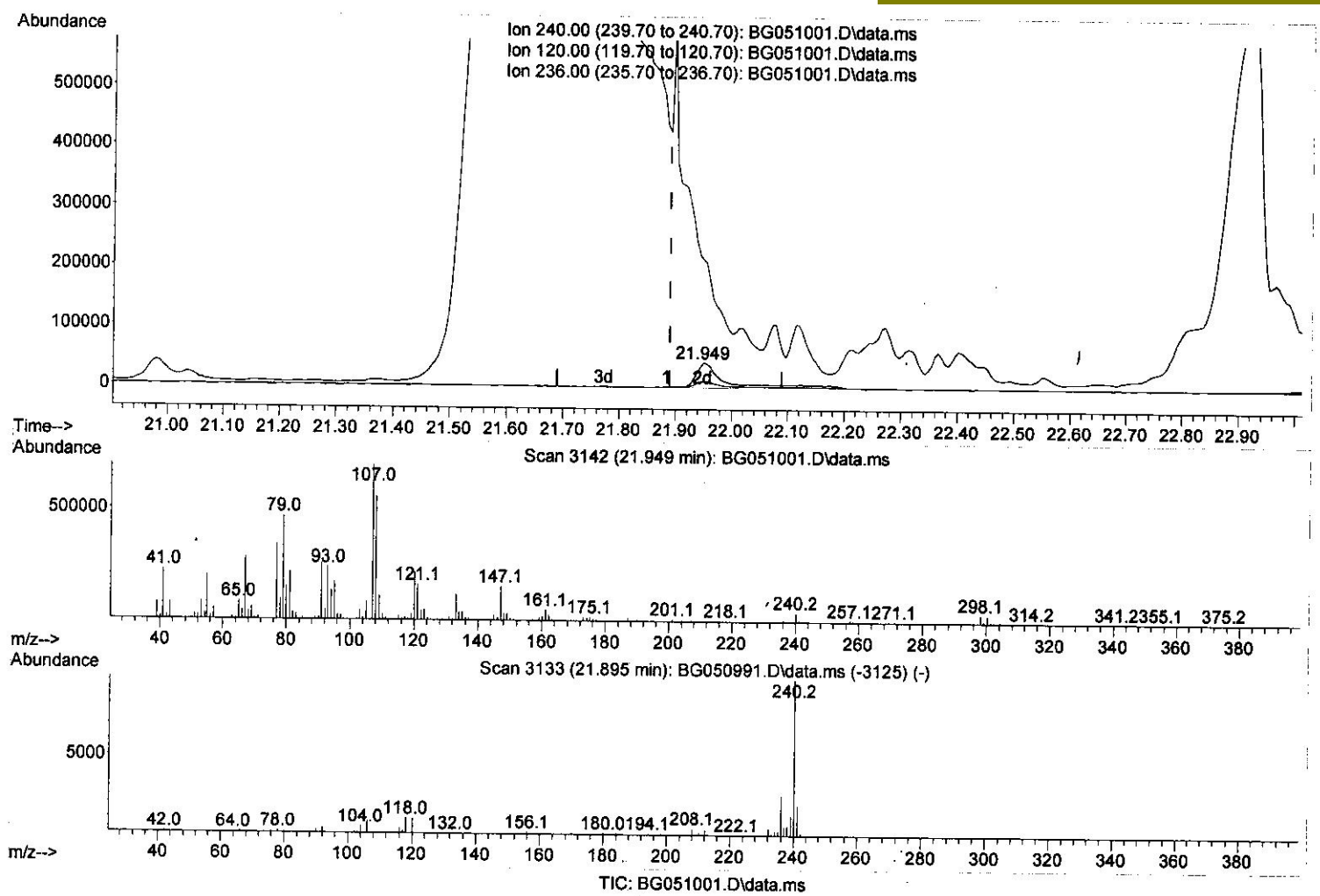
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 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
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(79) Chrysene-d12 (I)

21.949min (+ 0.059) 20.00 ng/ul m 11/29/21

response 106524

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	9.50	521.65#
236.00	26.70	25.18
0.00	0.00	0.00

Quantitation Report (Qedit)

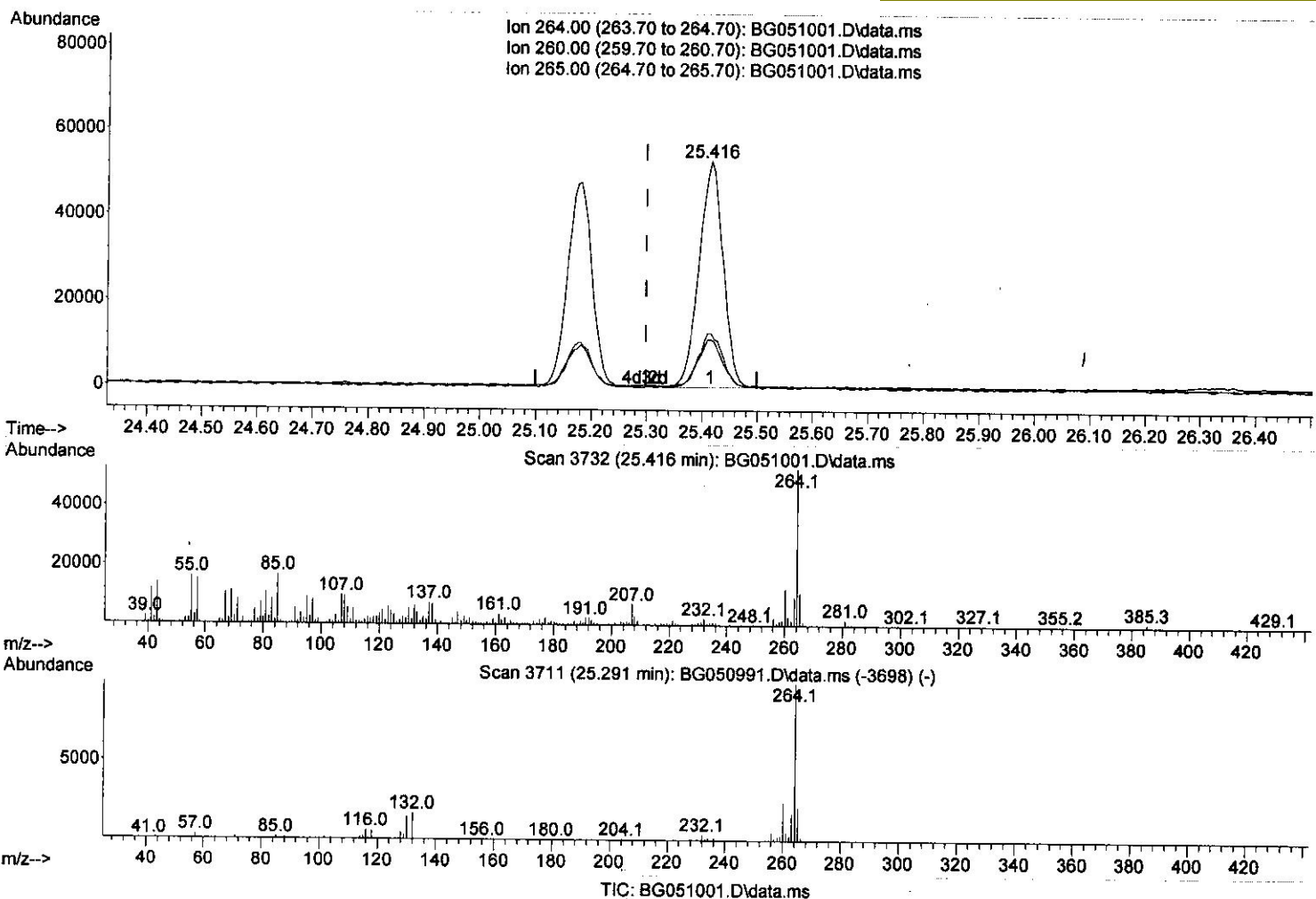
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 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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 Supervised By :mohammad ahmed 11/17/2021



(88) Perylene-d12 (I)

25.416min (+ 0.116) 20.00 ng/ul

response 160426

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	24.50	23.96
265.00	22.60	21.12
0.00	0.00	0.00

Quantitation Report (Qedit)

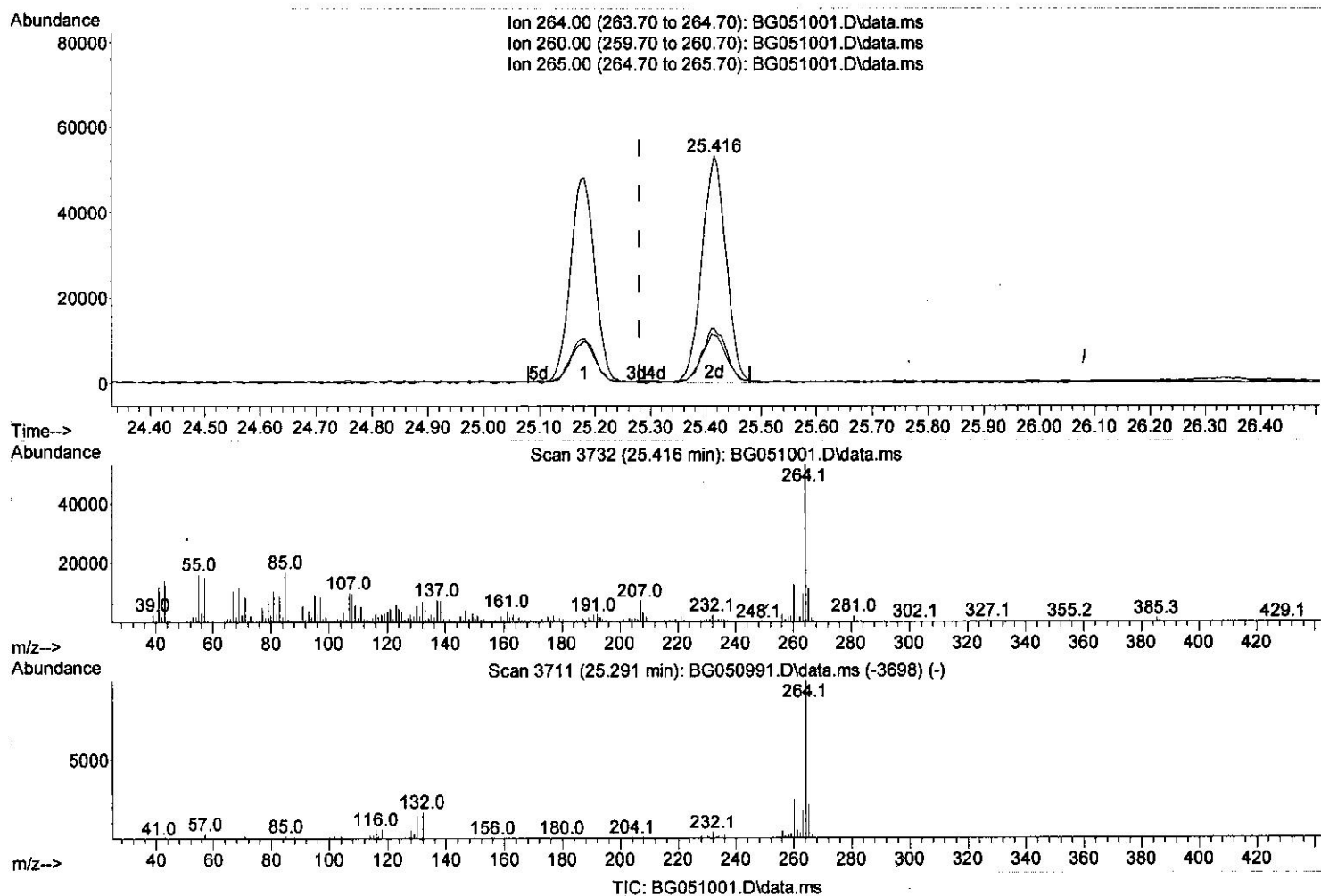
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 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
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(88) Perylene-d12 (I)

25.416min (+ 0.136) 20.00 ng/ul m 3 20 11/29/21

response 161831

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	24.50	23.96
265.00	22.60	21.12
0.00	0.00	0.00

Quantitation Report (Qedit)

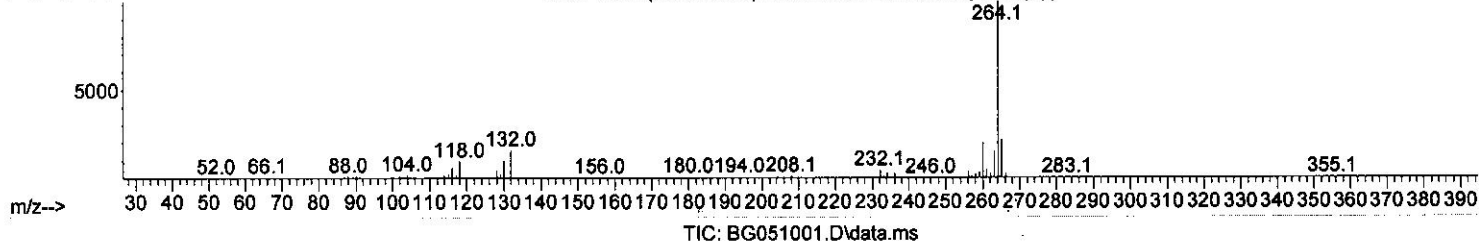
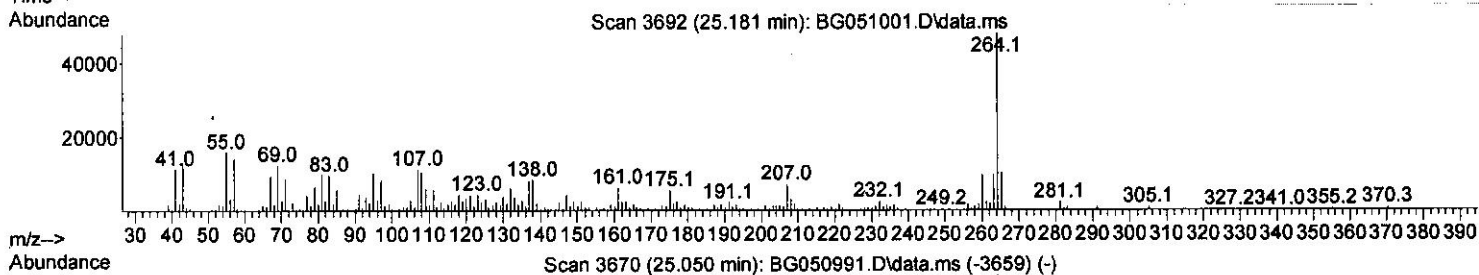
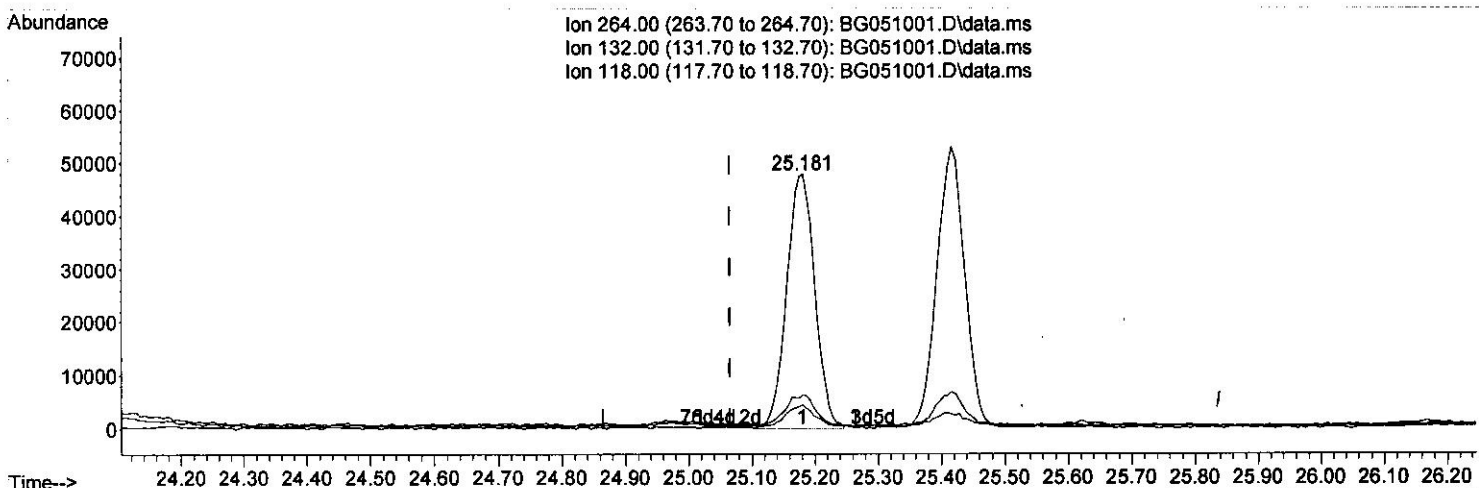
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(92) Benzo(a)pyrene-d12 (8)

25.181min (+ 0.116) 16.69 ng/ul

response 148025

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	15.50	13.23
118.00	11.00	9.32
0.00	0.00	0.00

Quantitation Report (Qedit)

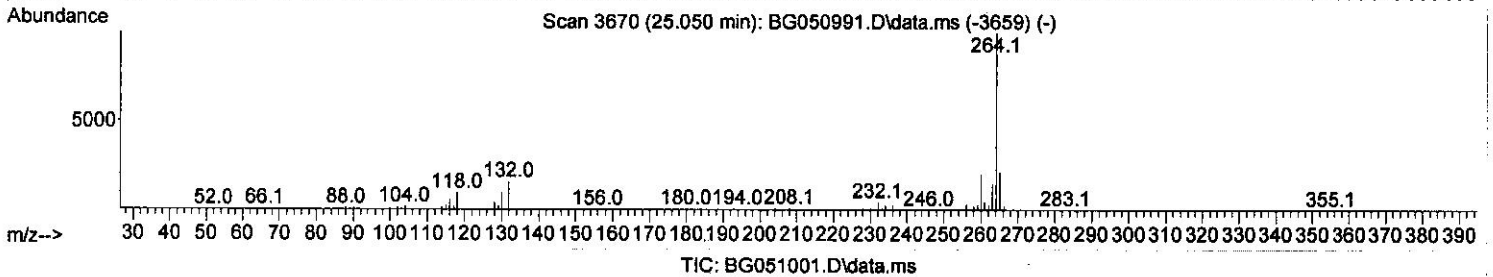
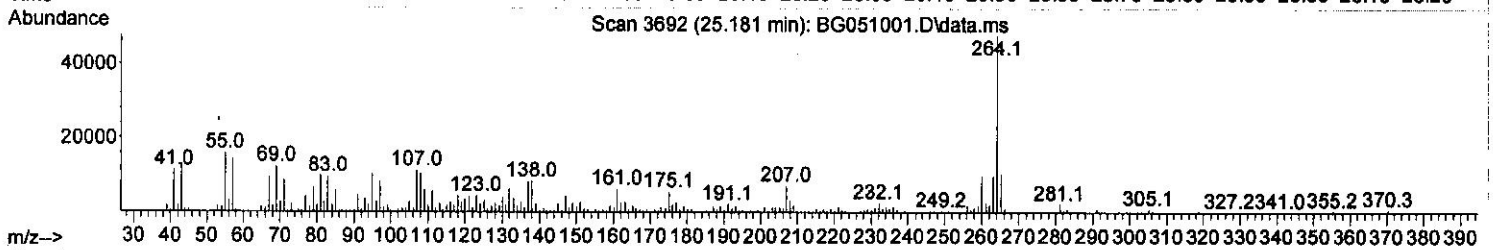
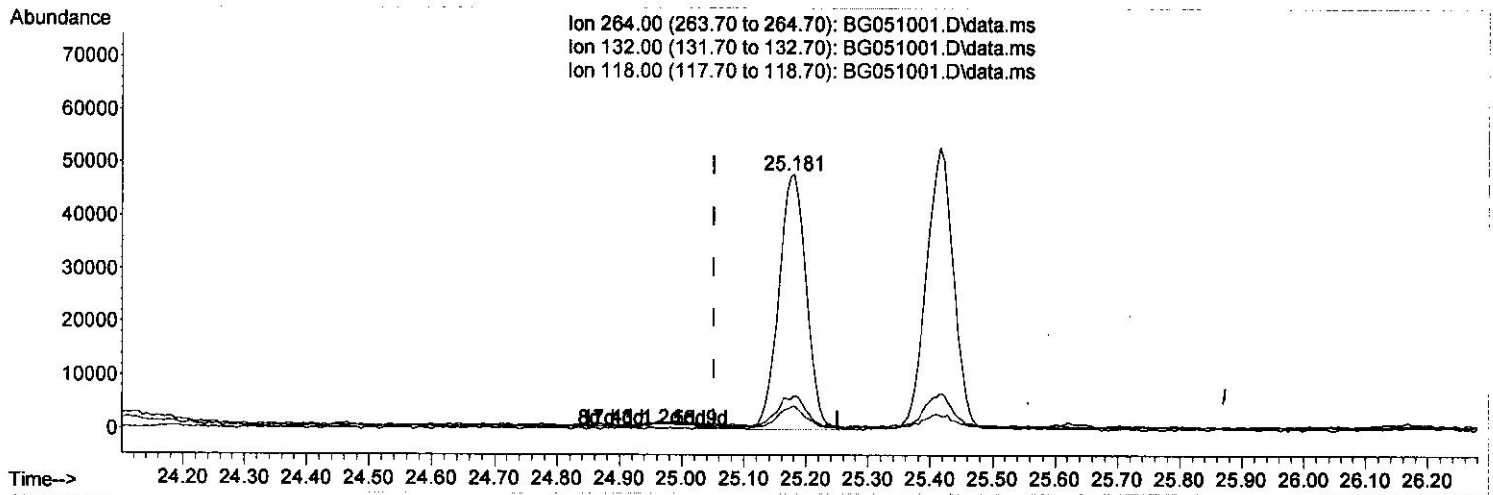
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 ALS Vial : 40 Sample Multiplier: 1

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 Client Sampled :
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(92) Benzo(a)pyrene-d12 (S)

25.181min (+ 0.130) 16.60 ng/ul m

response 148487

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	15.50	13.23
118.00	11.00	9.32
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	8.218	152	17343	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.086	136	142858	20.000	ng/ul	# 0.04
38) Acenaphthene-d10	14.863	164	102686	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.613	188	192359	20.000	ng/ul	0.02
79) Chrysene-d12	21.949	240	106524m	20.000	ng/ul	0.06
88) Perylene-d12	25.416	264	161831m	20.000	ng/ul	0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.624	96	2954	5.497	ng/ul	0.04
4) Pyridine-d5	4.064	84	34865m	21.689	ng/ul	0.05
7) Phenol-d5	7.396	99	54161	29.273	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.596	67	738642	618.022	ng/ul	0.05
11) 2-Chlorophenol-d4	7.795	132	36592	28.538	ng/ul	0.04
15) 4-Methylphenol-d8	8.947	113	248551	170.642	ng/ul	0.02
21) Nitrobenzene-d5	9.440	128	20264	16.692	ng/ul	0.04
24) 2-Nitrophenol-d4	10.163	143	22885	16.953	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.698	165	39955	17.571	ng/ul	0.04
31) 4-Chloroaniline-d4	11.185	131	100613	29.218	ng/ul	0.00
46) Dimethylphthalate-d6	14.258	166	137227	17.468	ng/ul	0.02
49) Acenaphthylene-d8	14.564	160	177332	18.118	ng/ul	0.02
54) 4-Nitrophenol-d4	15.057	143	22123	15.531	ng/ul	0.02
60) Fluorene-d10	15.851	176	117908	16.942	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.968	200	14738	12.637	ng/ul	0.01
73) Anthracene-d10	17.707	188	170599	18.758	ng/ul	0.02
81) Pyrene-d10	19.987	212	167692	24.373	ng/ul	0.02
92) Benzo(a)pyrene-d12	25.181	264	148487m	16.598	ng/ul	0.13
Target Compounds						
8) Phenol	7.425	94	41849	21.865	ng/ul#	1
26) 2,4-Dimethylphenol	10.310	107	32074m	10.761	ng/ul	
30) Naphthalene	11.138	128	525896	67.321	ng/ul	98
36) 2-Methylnaphthalene	12.713	142	34381	6.460	ng/ul	98
37) 1-Methylnaphthalene	12.930	142	19098	3.542	ng/ul	99
78) Di-n-butylphthalate	18.547	149	35303	2.909	ng/ul	98

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