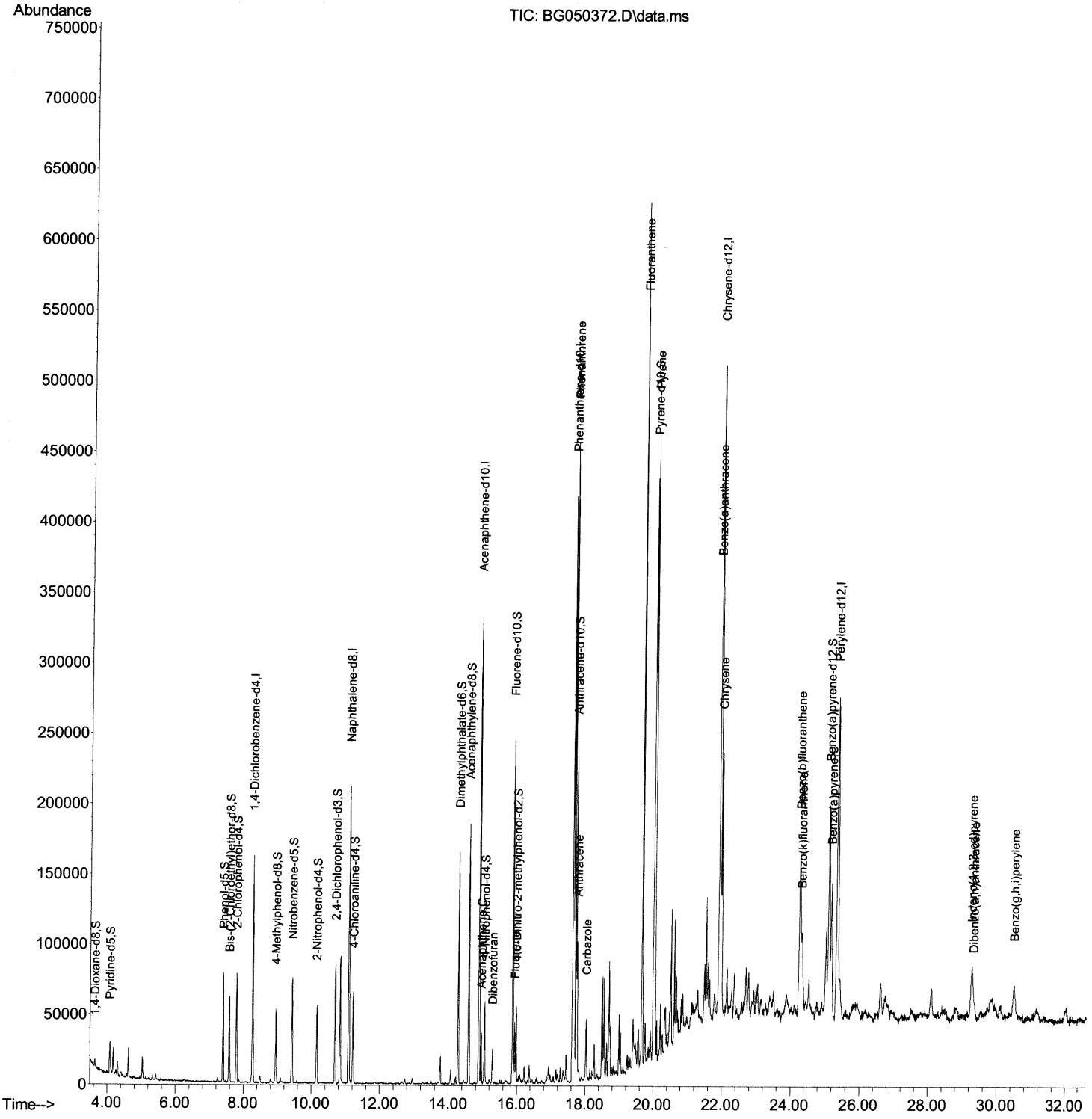
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050372.D
Acq On : 2 Oct 2021 1:57
Operator : CG/JU
Sample : M3874-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Oct 02 03:26:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW7T1

Manual Integrations APPROVED
mohammad
10/4/2021 11:50:39 AM



Quantitation Report (Qedit)

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mohammad
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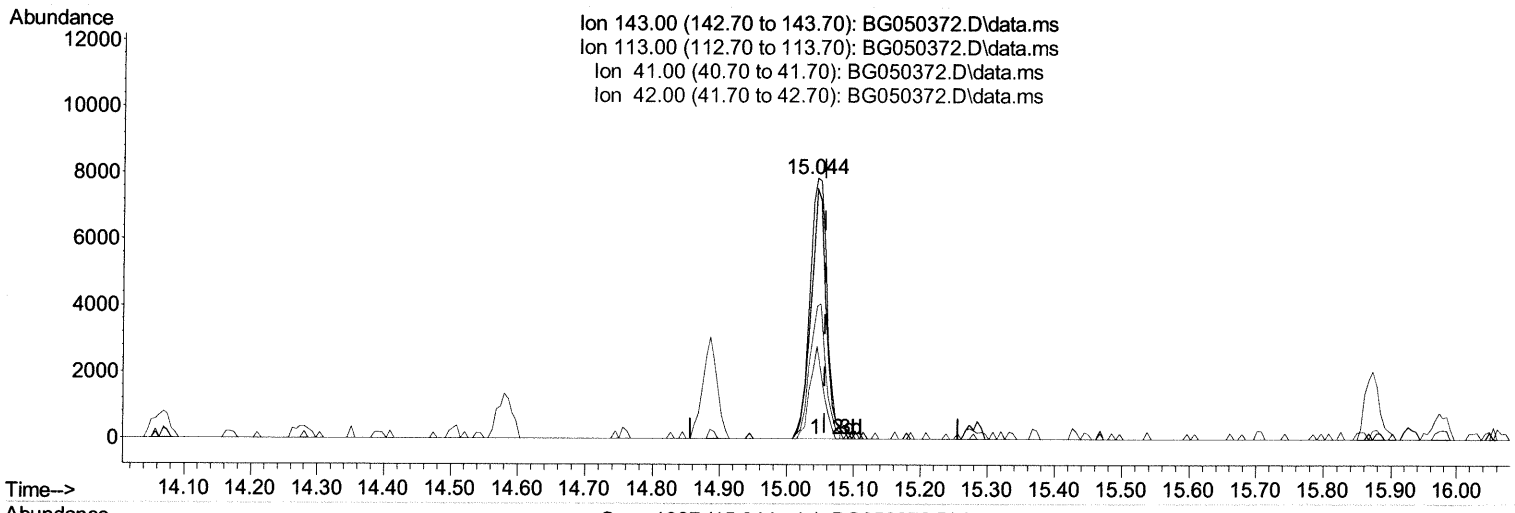

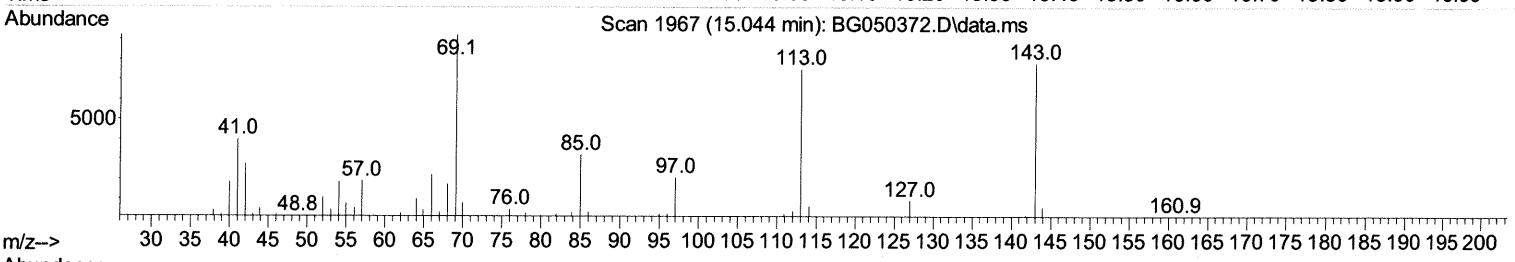

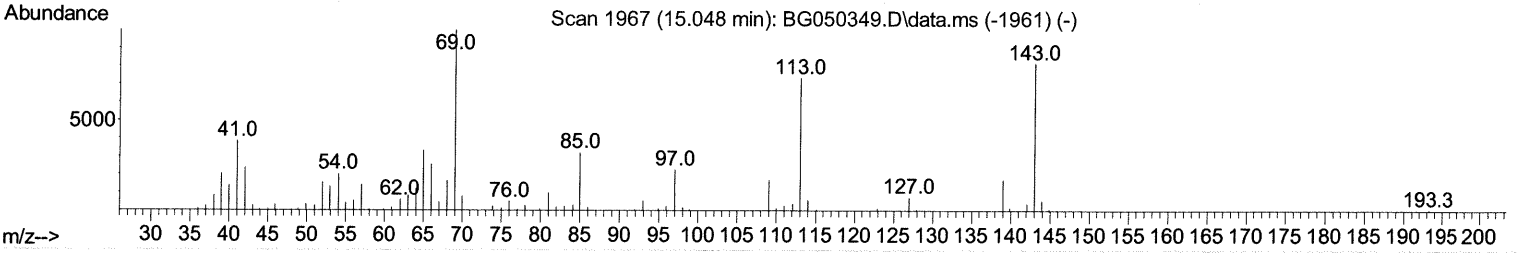

TIC: BG050372.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.044min (-0.012) 9.36 ng/ul

response 14118

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	83.40	96.00
41.00	46.80	50.94
42.00	27.30	35.39#

Quantitation Report (Qedit)

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Manual Integrations APPROVED
mohammad
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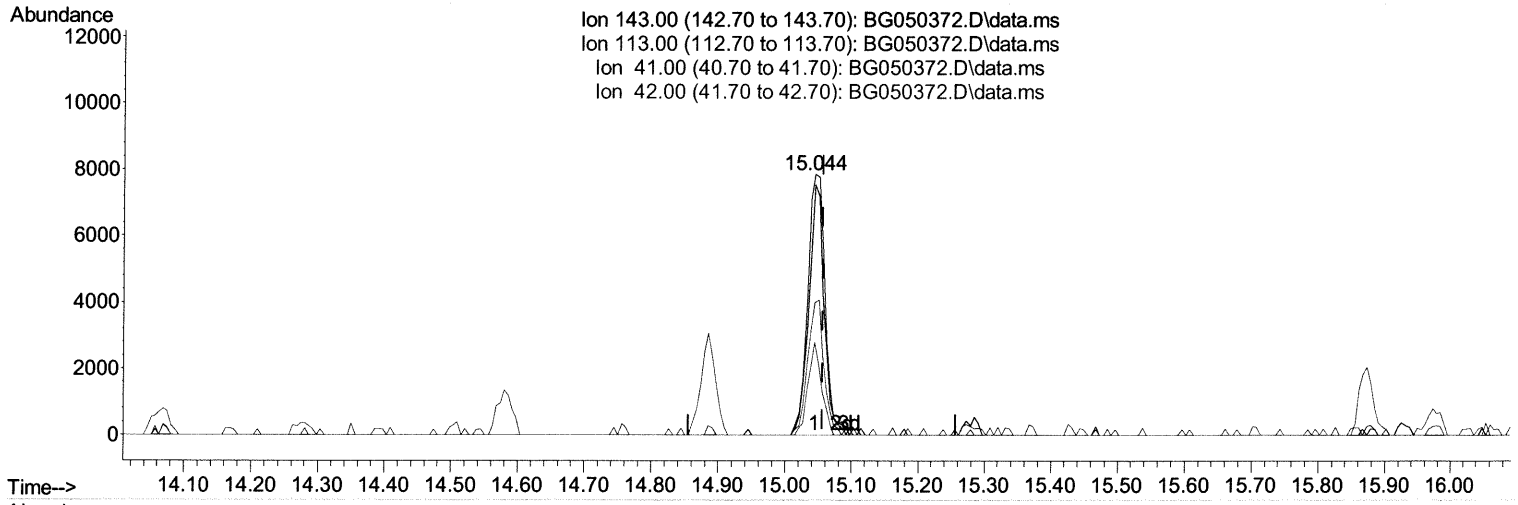

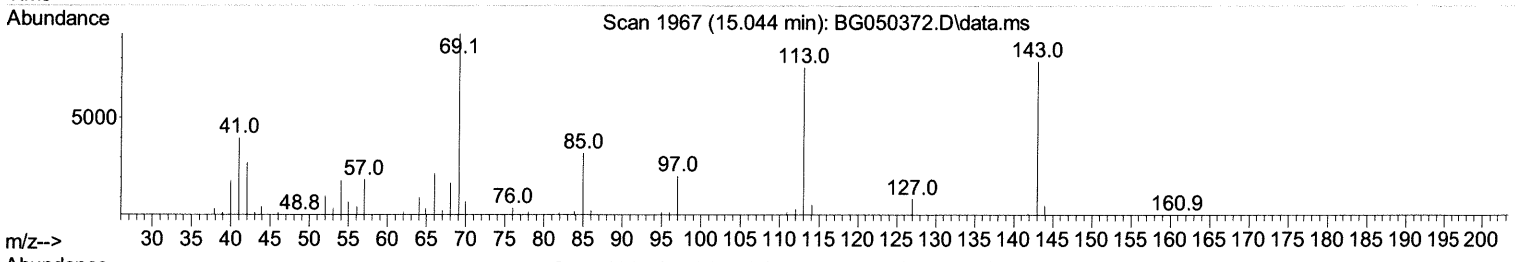

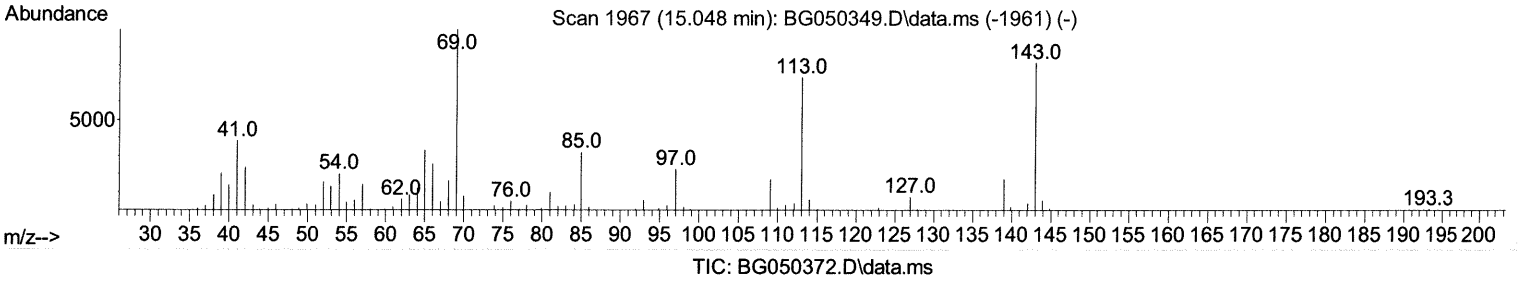

TIC: BG050372.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.044min (-0.012) 9.46 ng/ul m 10/05/21 JU

response 14263

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	83.40	96.00
41.00	46.80	50.94
42.00	27.30	35.39#

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : M3874-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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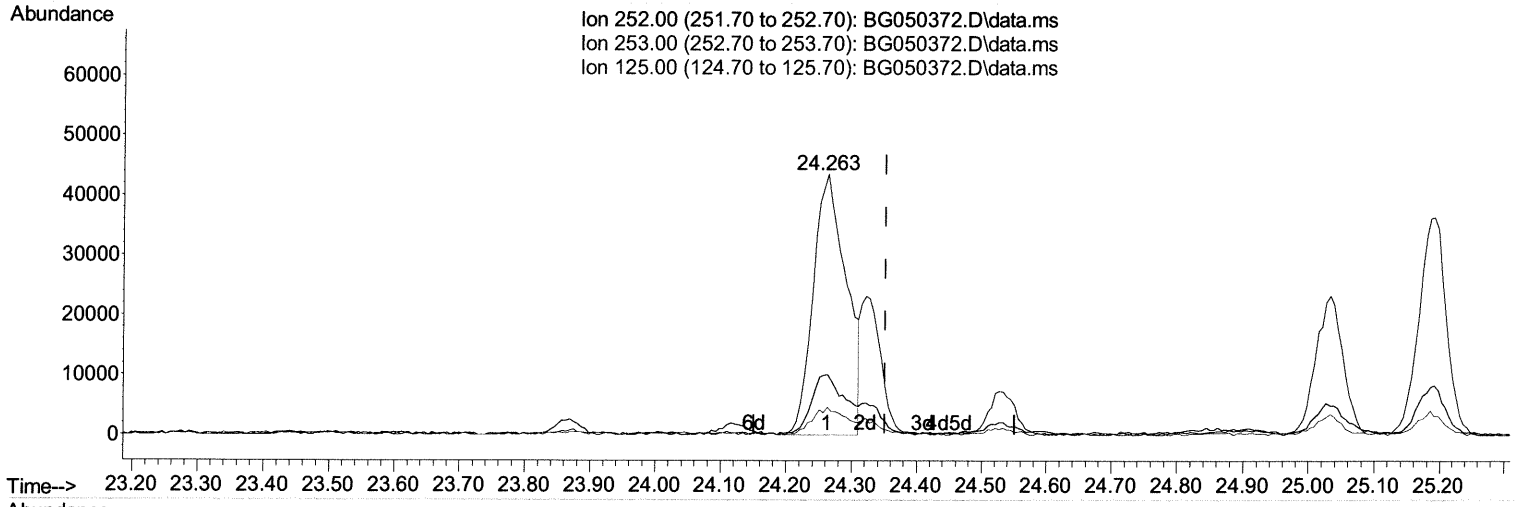

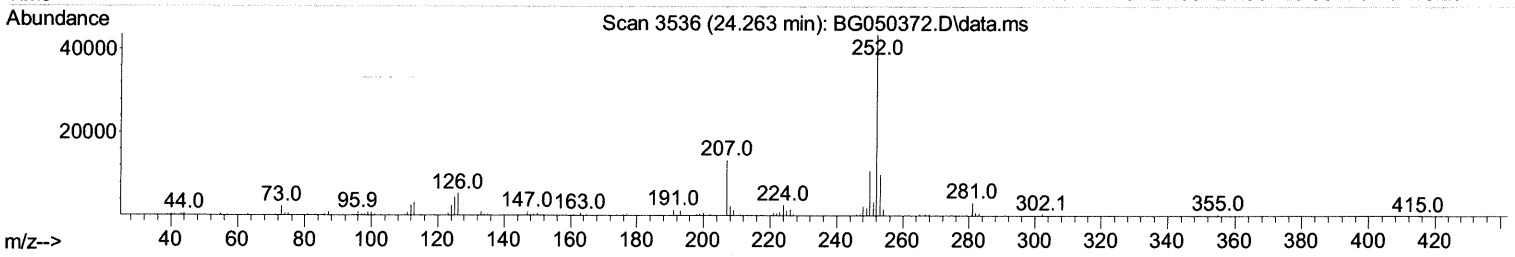

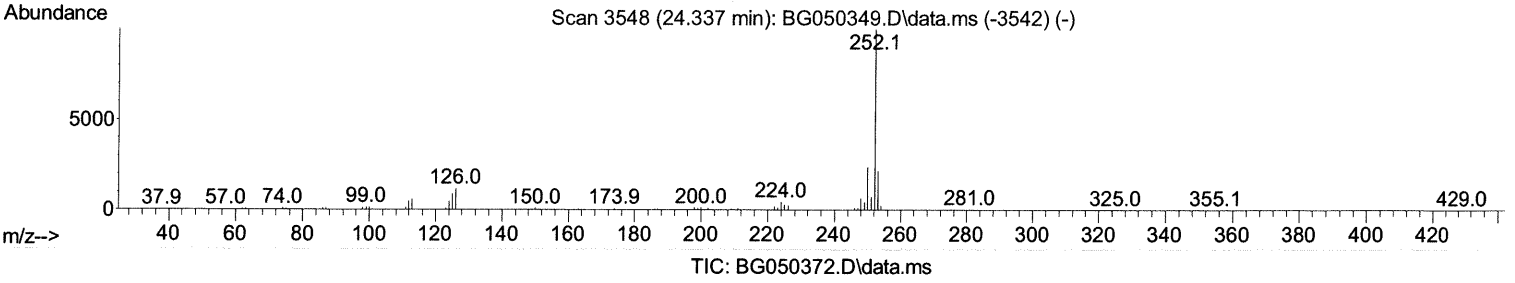

TIC: BG050372.D\data.ms

(91) Benzo(k)fluoranthene

24.263min (-0.089) 11.13 ng/ul

response 152978

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.98
125.00	9.20	10.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
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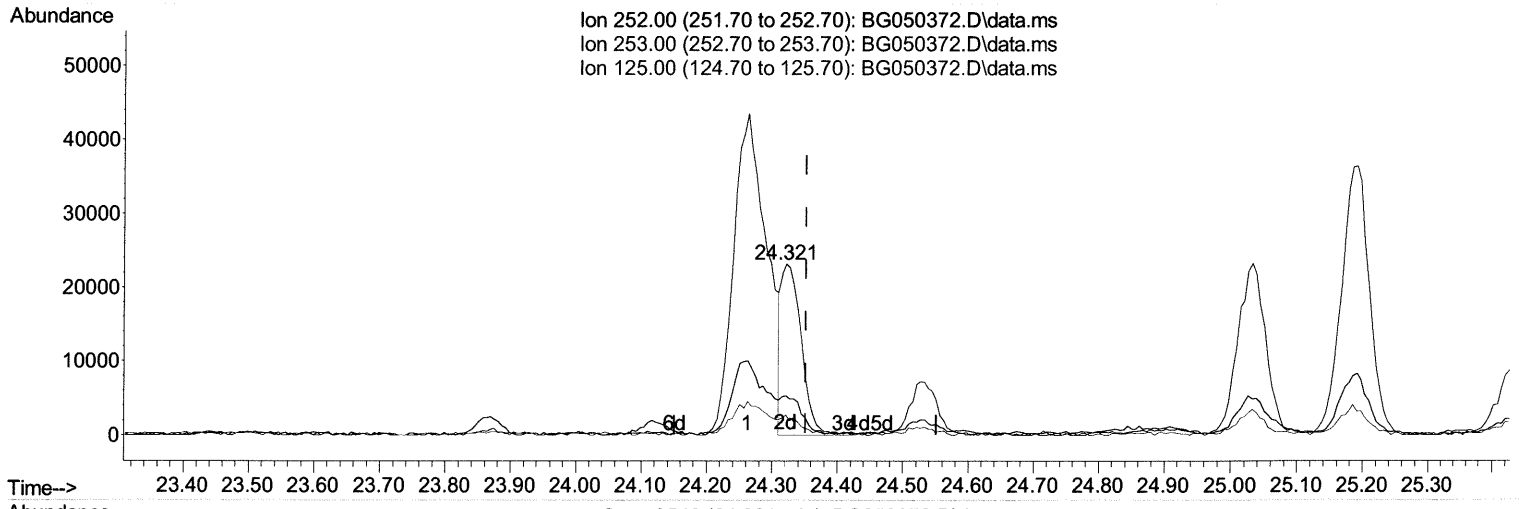
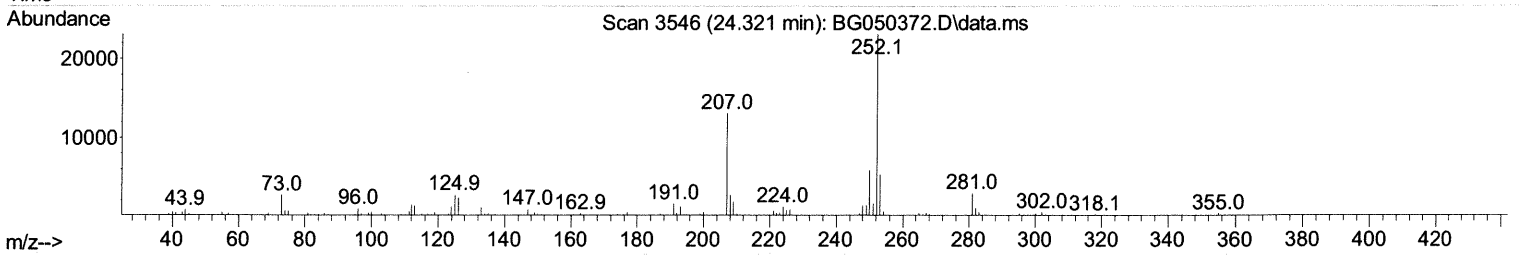
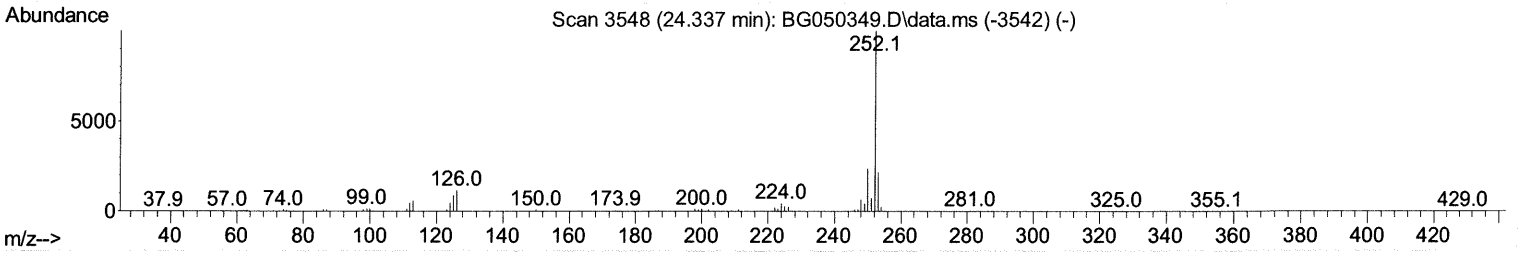
Manual Integrations APPROVED
mohammad
10/4/2021 11:50:39 AM







TIC: BG050372.D\data.ms

(91) Benzo(k)fluoranthene

24.321min (-0.030) 3.53 ng/ul m 10/05/21 JU

response 48539

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.79
125.00	9.20	11.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : M3874-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Oct 02 03:26:27 2021
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Instrument :
BNA_G
ClientSampleId :
EW7T1

Manual Integrations APPROVED
mohammad
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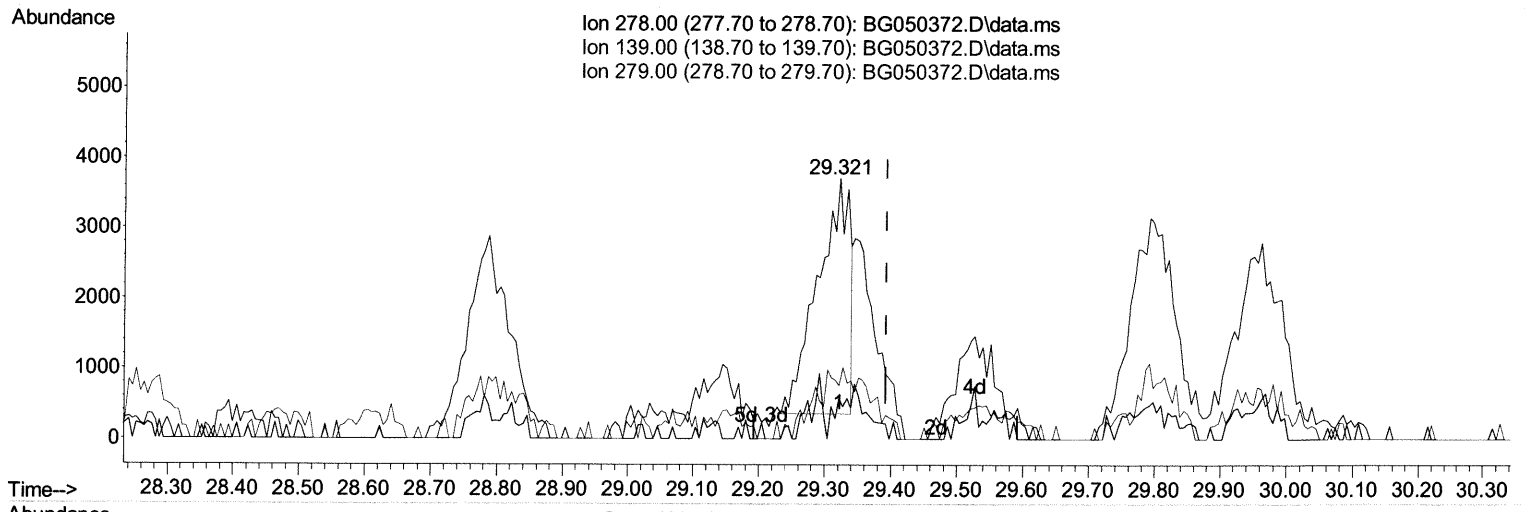

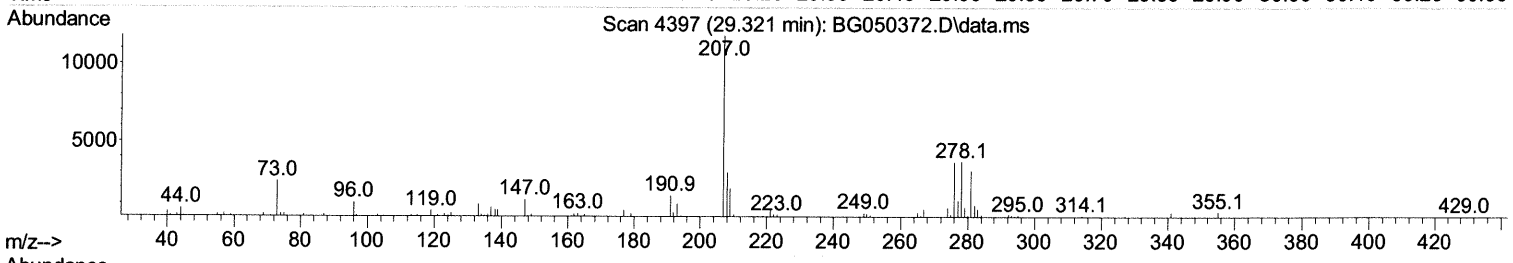

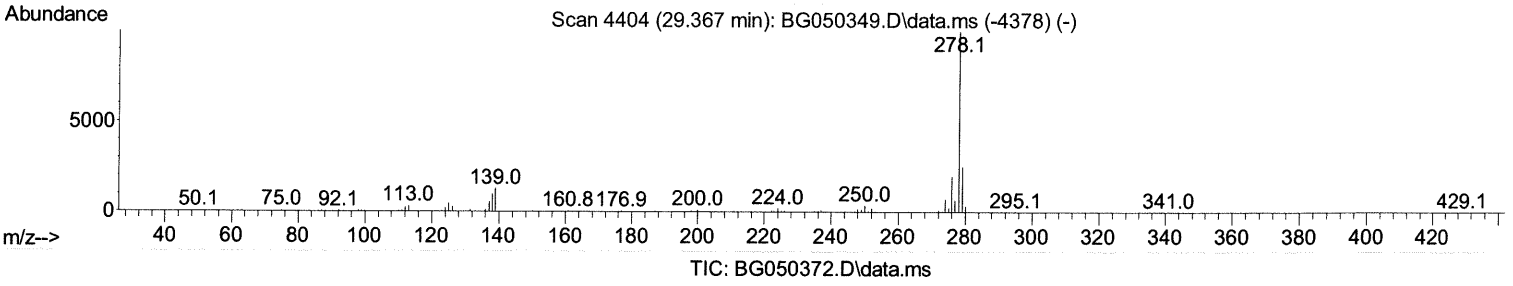

TIC: BG050372.D\data.ms

(95) Dibenzo(a,h)anthracene

29.321min (-0.071) 0.83 ng/ul

response 11134

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	15.53
279.00	22.90	20.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 56 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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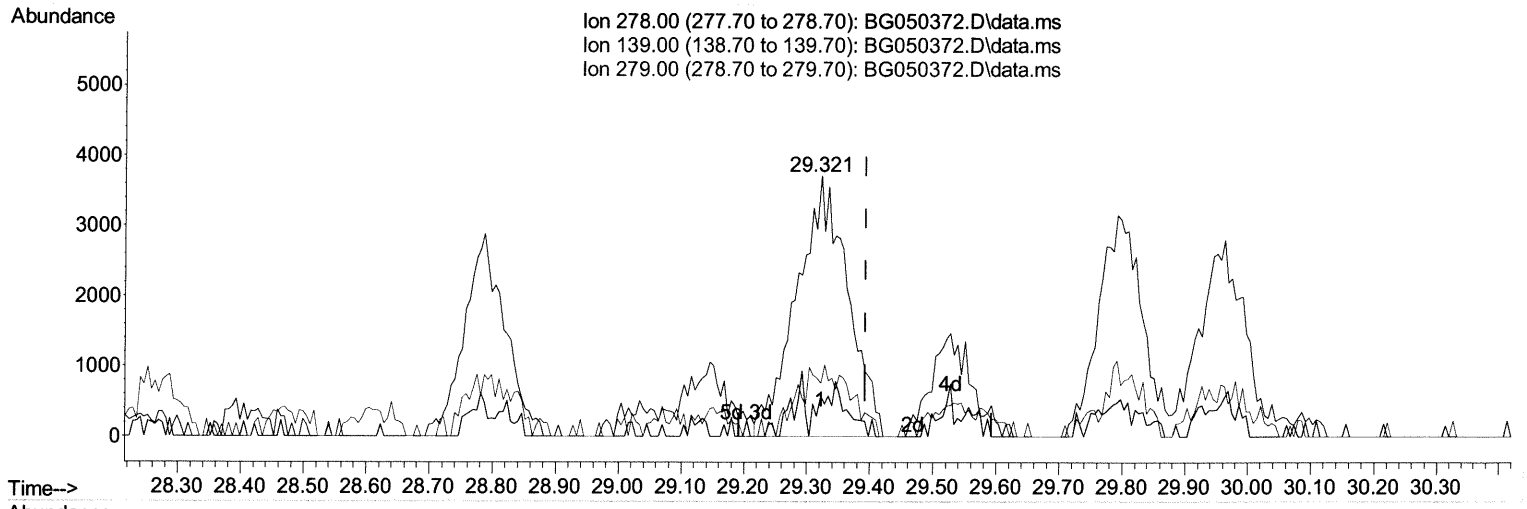
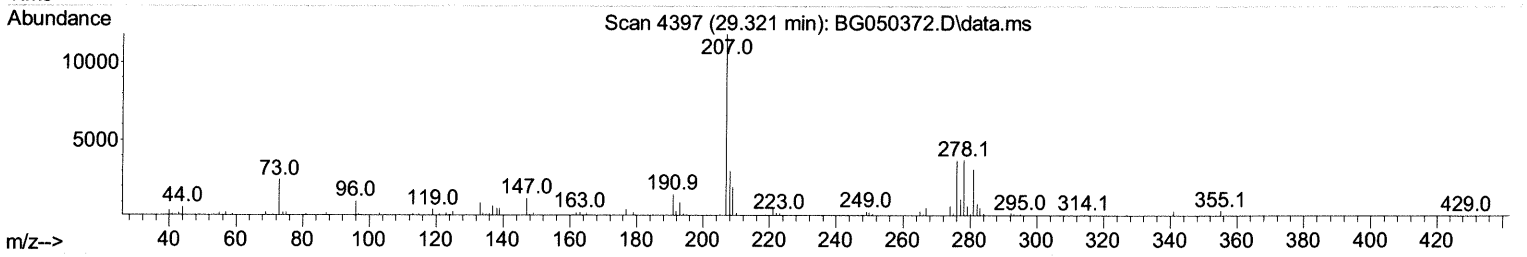
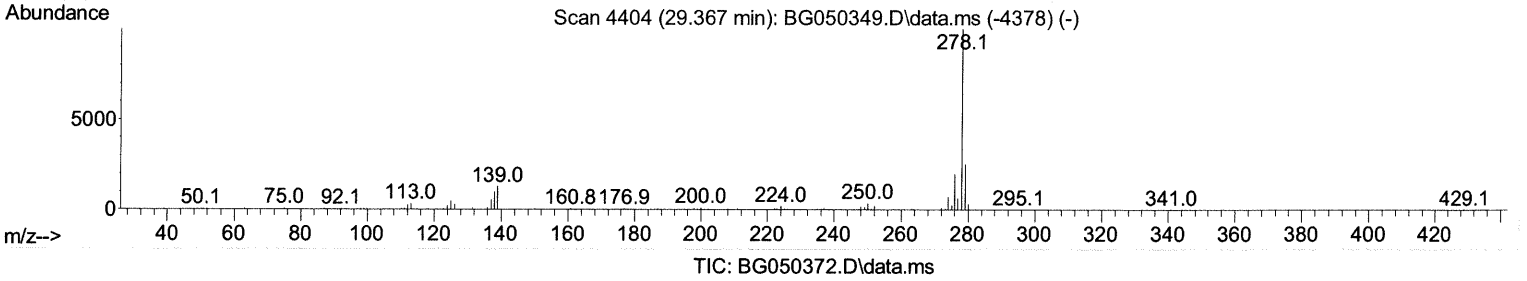
Manual Integrations APPROVED
mohammad
10/4/2021 11:50:39 AM







TIC: BG050372.D\data.ms

(95) Dibenzo(a,h)anthracene

29.321min (-0.071) 1.54 ng/ul m 10/05/21 JU

response 20691

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	15.53
279.00	22.90	20.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : M3874-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

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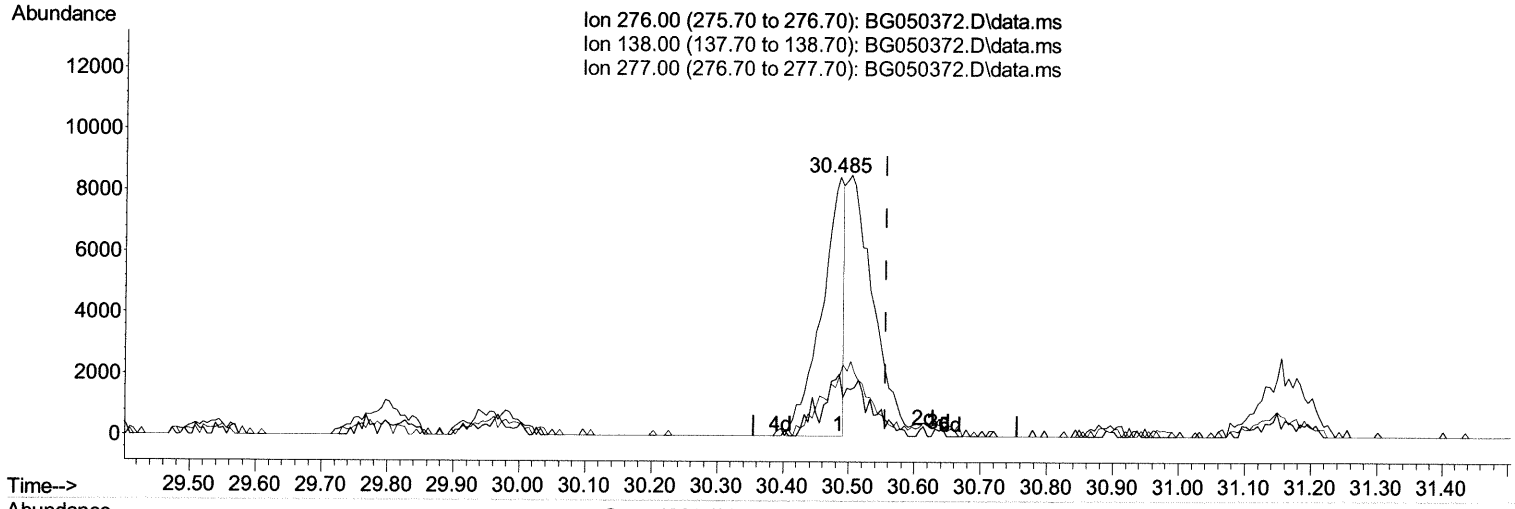

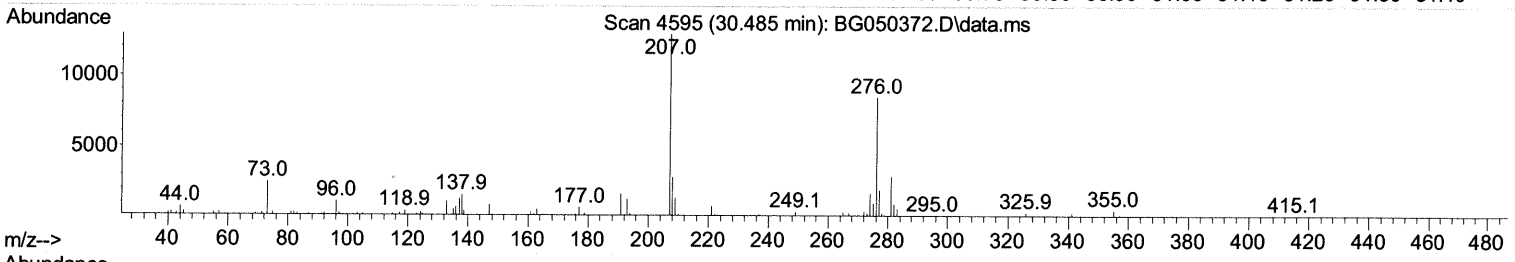

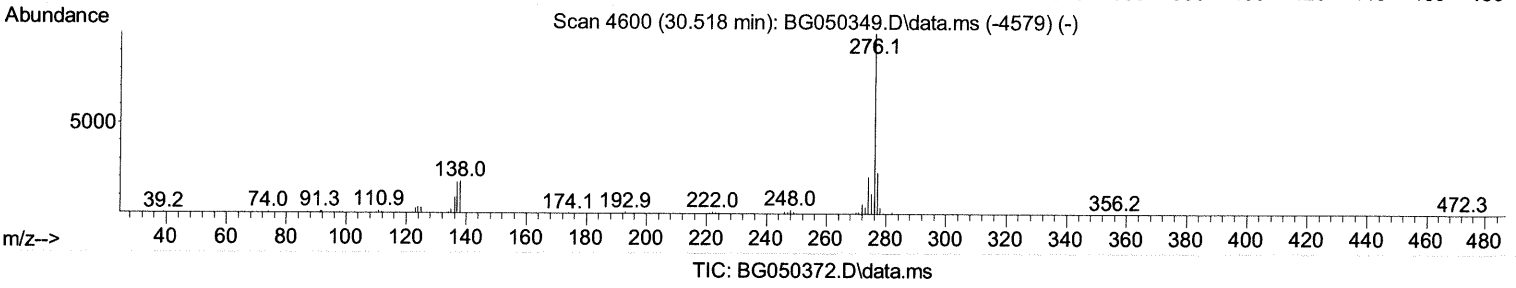

TIC: BG050372.D\data.ms

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

30.485min (-0.071) 1.53 ng/ul

response 20460

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	23.87#
277.00	22.40	23.01
0.00	0.00	0.00

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mohammad
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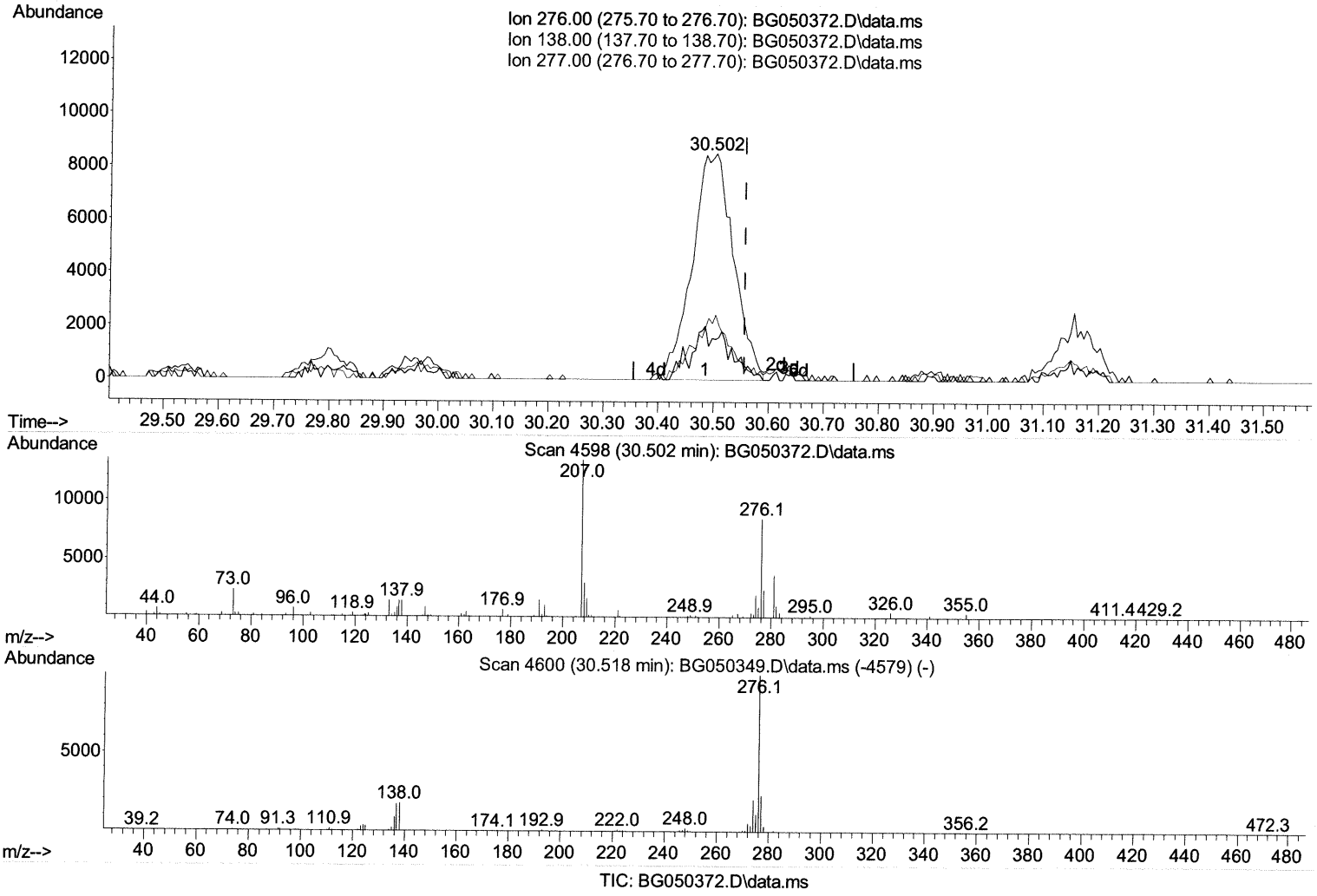

TIC: BG050372.D\data.ms

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

30.502min (-0.054) 3.31 ng/ul m 10/05/21 JU

response 44221

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	17.79
277.00	22.40	28.74#
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	8.270	152	42157	20.000	ng/ul	0.00
20) Naphthalene-d8	11.096	136	173059	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.885	164	114430	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.629	188	250637	20.000	ng/ul	0.00
79) Chrysene-d12	21.930	240	239707	20.000	ng/ul	-0.02
88) Perylene-d12	25.350	264	242589	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	2616	2.280	ng/uL	0.00
4) Pyridine-d5	4.069	84	13908	4.068	ng/ul	0.00
7) Phenol-d5	7.400	99	43741	11.876	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.582	67	31249	13.481	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	32516	12.599	ng/ul	0.00
15) 4-Methylphenol-d8	8.957	113	19759	7.088	ng/ul	0.00
21) Nitrobenzene-d5	9.433	128	16976	14.022	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.161	143	18229	14.030	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.702	165	30225	11.780	ng/ul	0.00
31) 4-Chloroaniline-d4	11.225	131	34684	9.463	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	103473	13.213	ng/ul	-0.01
49) Acenaphthylene-d8	14.580	160	132628	13.485	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.044	143	14263m >	9.456	ng/ul >	-0.01 10/05/21 JU
60) Fluorene-d10	15.872	176	94286	13.363	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.972	200	12757	10.205	ng/ul	-0.01
73) Anthracene-d10	17.729	188	129503	12.231	ng/ul	0.00
81) Pyrene-d10	20.003	212	180046	14.126	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.115	264	160074	13.123	ng/ul	-0.02
Target Compounds						Qvalue
52) Acenaphthene	14.950	153	15624	2.370	ng/ul	95
56) Dibenzofuran	15.279	168	11152	1.163	ng/ul#	86
61) Fluorene	15.931	166	19681	2.580	ng/ul	94
72) Phenanthrene	17.670	178	280294	22.404	ng/ul	99
74) Anthracene	17.764	178	64951	5.242	ng/ul	99
77) Carbazole	18.029	167	26944	2.429	ng/ul	95
80) Fluoranthene	19.668	202	367175	22.939	ng/ul	99
82) Pyrene	20.032	202	294016	18.627	ng/ul	98
85) Benzo(a)anthracene	21.907	228	162352	11.235	ng/ul	96
87) Chrysene	21.977	228	134191	9.690	ng/ul	97
90) Benzo(b)fluoranthene	24.263	252	152978	10.353	ng/ul#	97
91) Benzo(k)fluoranthene	24.321	252	48539m >	3.530	ng/ul >	10/05/21 JU
93) Benzo(a)pyrene	25.191	252	105435	7.479	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.268	276	62071	3.921	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.321	278	20691m >	1.536	ng/ul	
96) Benzo(g,h,i)perylene	30.502	276	44221m >	3.314	ng/ul >	10/05/21 JU

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