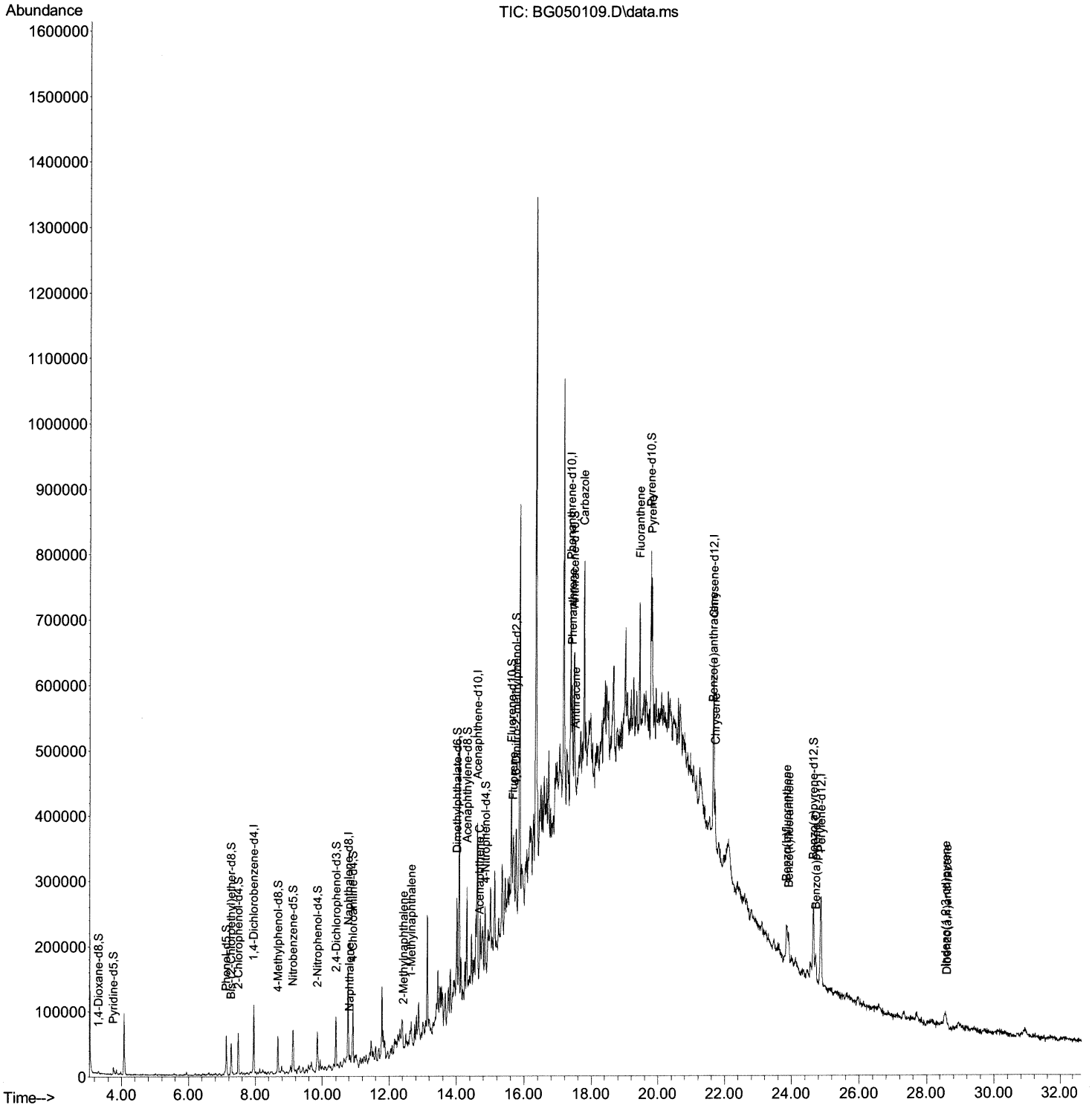
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050109.D
Acq On : 2 Sep 2021 23:15
Operator : CG/JU
Sample : M3526-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 03 00:59:25 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

Instrument :
BNA_G
ClientSampleId :
EW7C8

Manual Integrations APPROVED
mohammad
9/3/2021 3:32:06 PM



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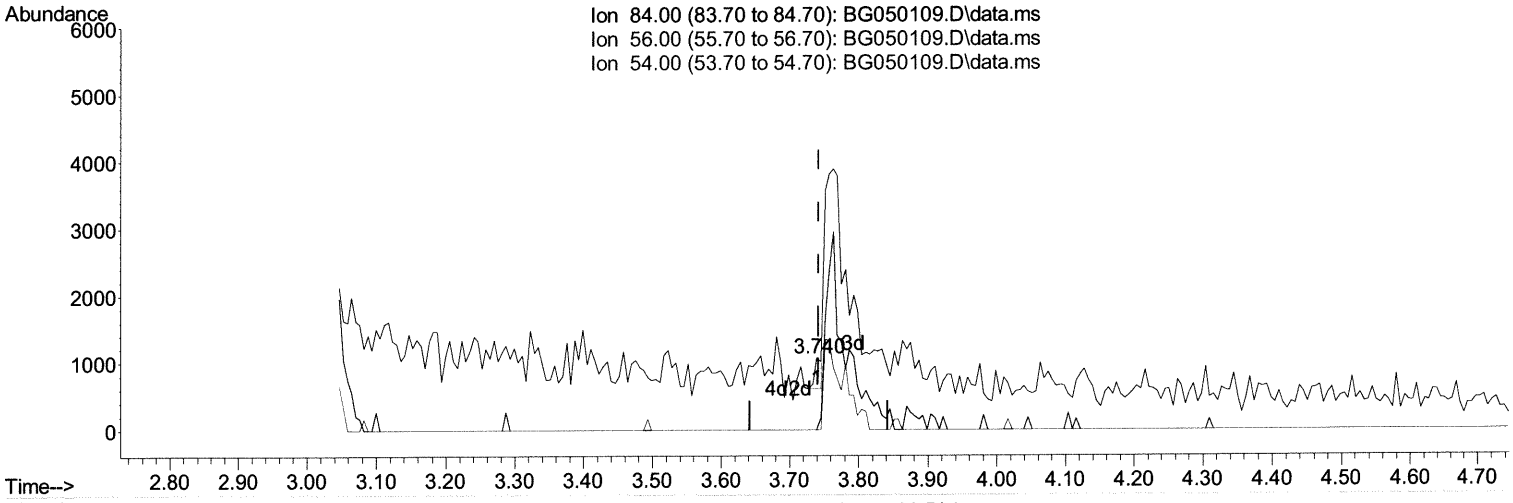

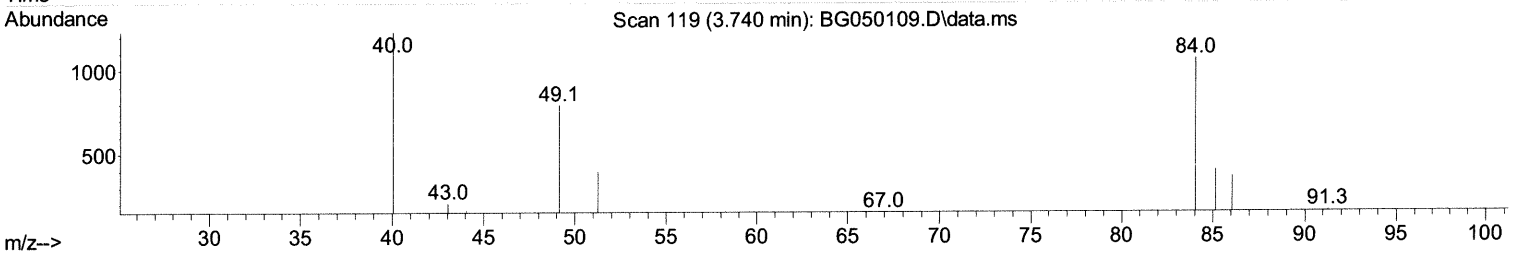

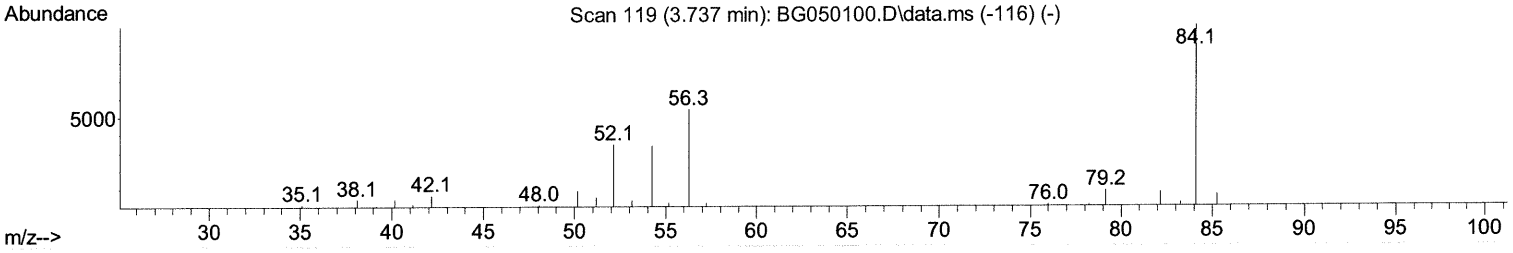

TIC: BG050109.D\data.ms

(4) Pyridine-d5 (S)

3.740min (-0.003) 0.19 ng/ul

response 332

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

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Manual Integrations APPROVED
mohammad
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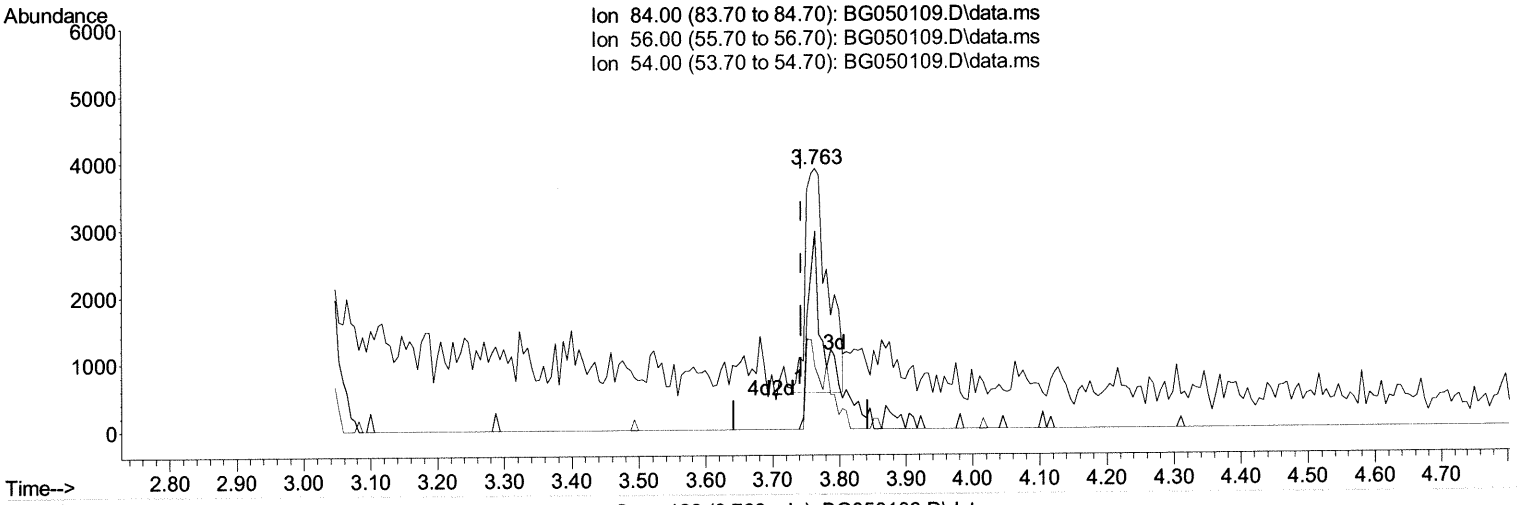

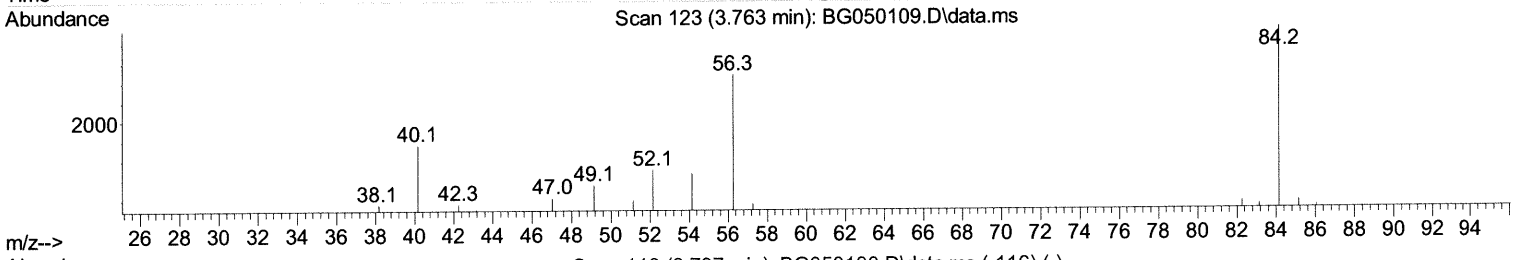

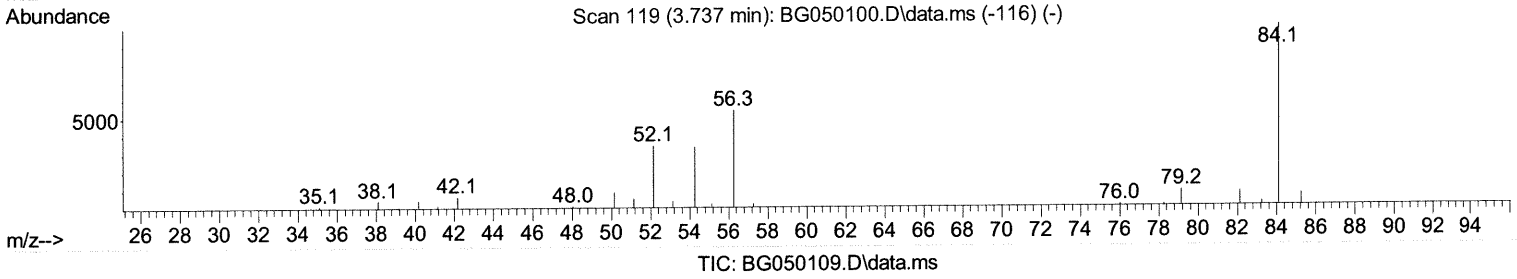

TIC: BG050109.D\data.ms

(4) Pyridine-d5 (S)

3.763min (+ 0.021) 4.45 ng/ul m

JU 9/8/21

response 7702

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	75.92#
54.00	37.00	23.77#
0.00	0.00	0.00

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BNA_G
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Manual Integrations APPROVED

mohammad
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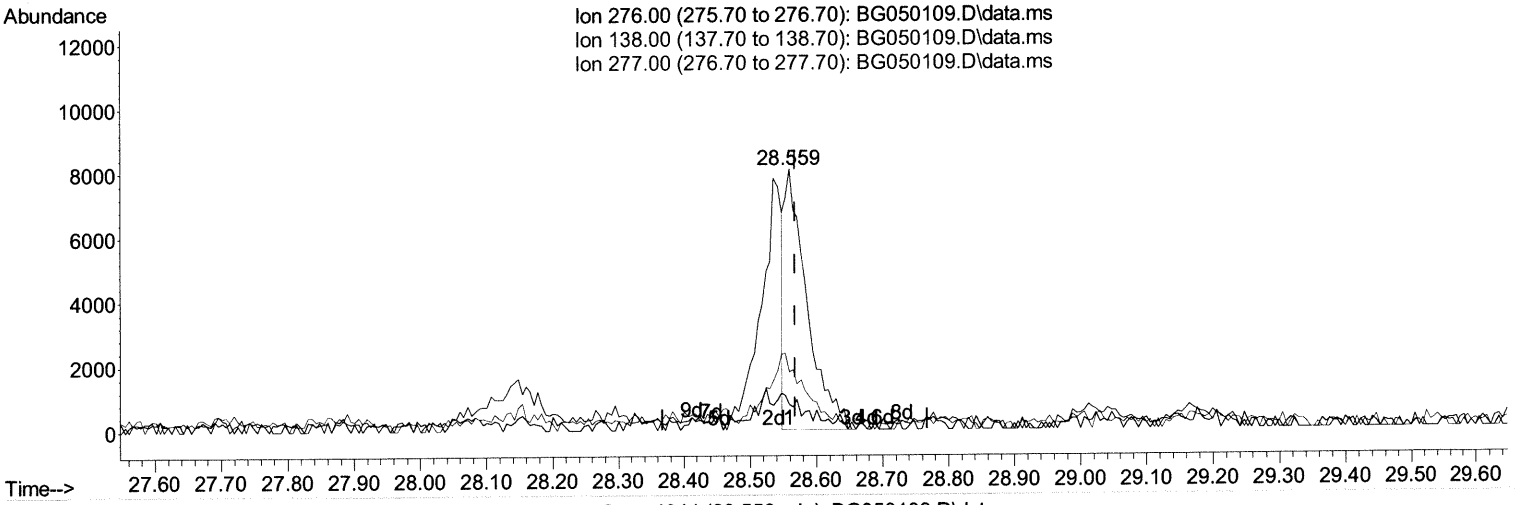

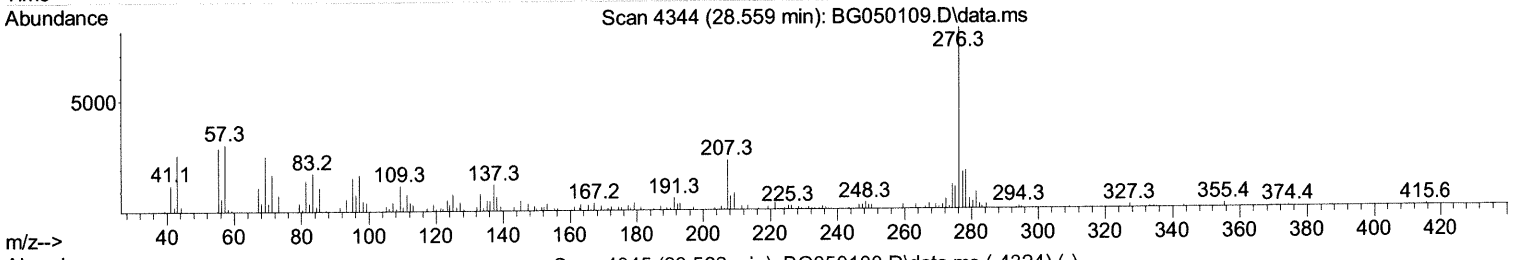

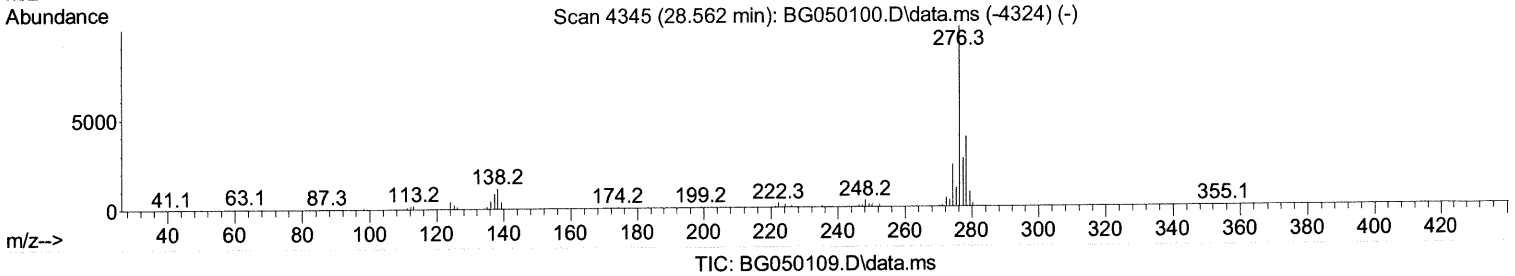

TIC: BG050109.D\data.ms

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

28.559min (-0.009) 1.79 ng/ul

response 18836

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	9.54#
277.00	23.20	21.96
0.00	0.00	0.00

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BNA_G
ClientSampleId :
EW7C8

Manual Integrations APPROVED

mohammad
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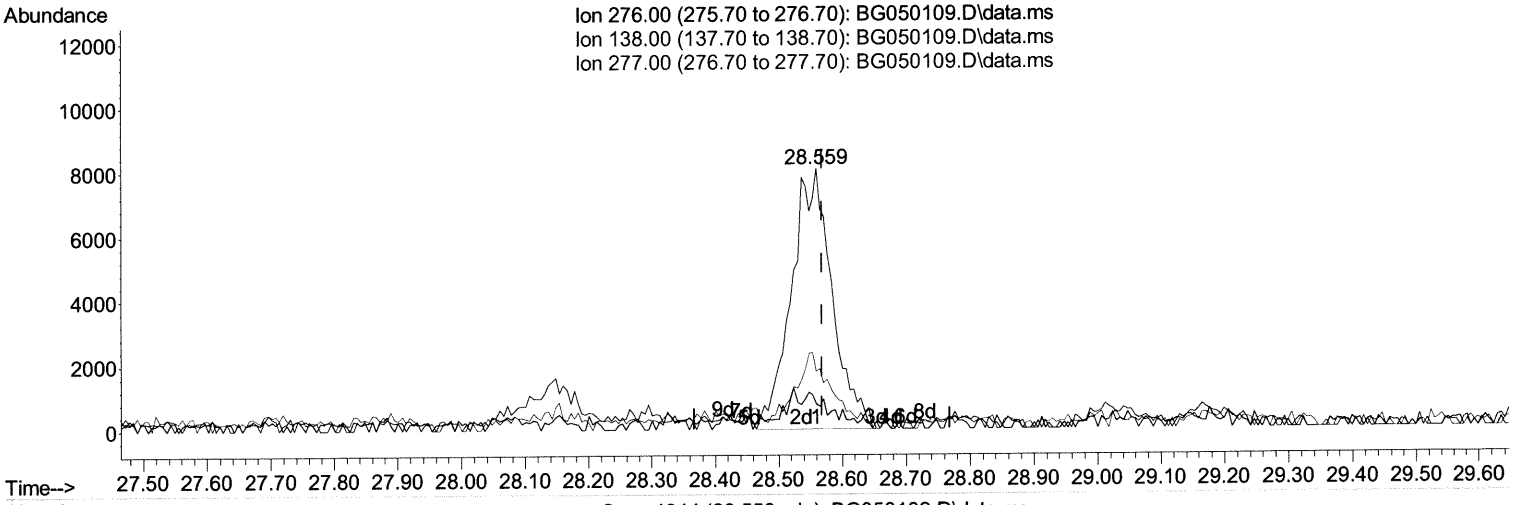

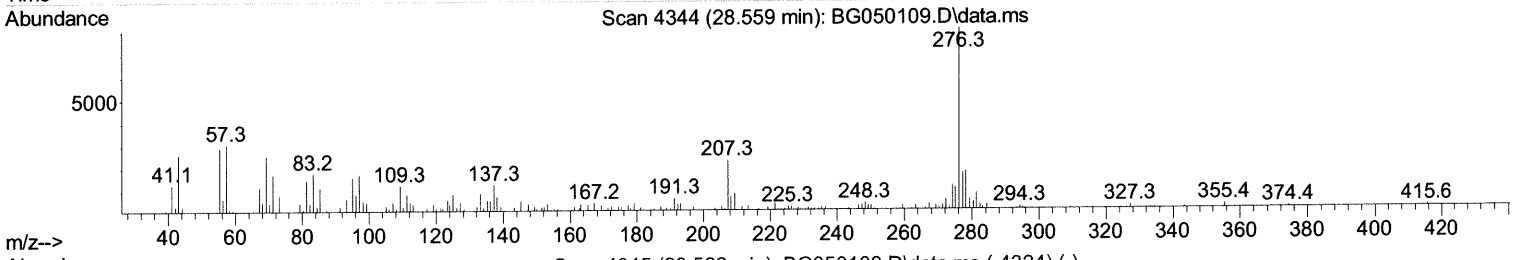

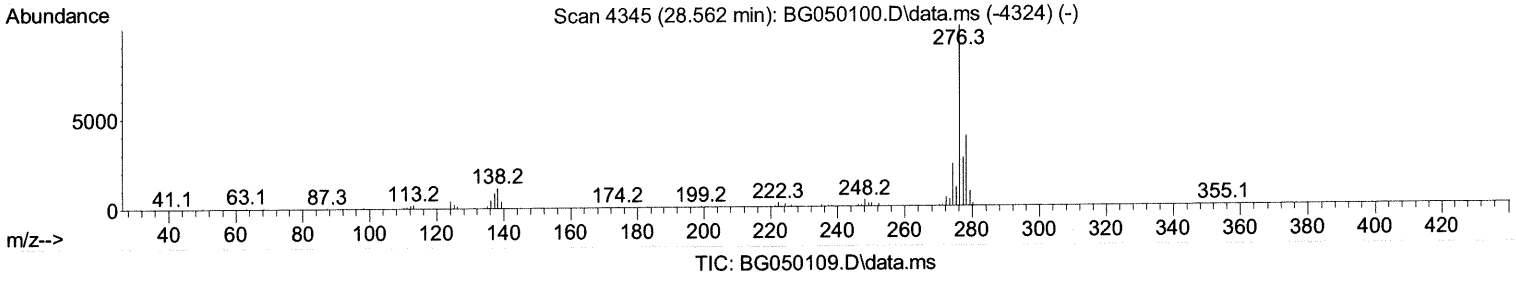

TIC: BG050109.D\data.ms

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

28.559min (-0.009) 3.40 ng/ul m

response 35785

9/8/21

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	9.54#
277.00	23.20	21.96
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
ClientSampleId :
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Manual Integrations APPROVED

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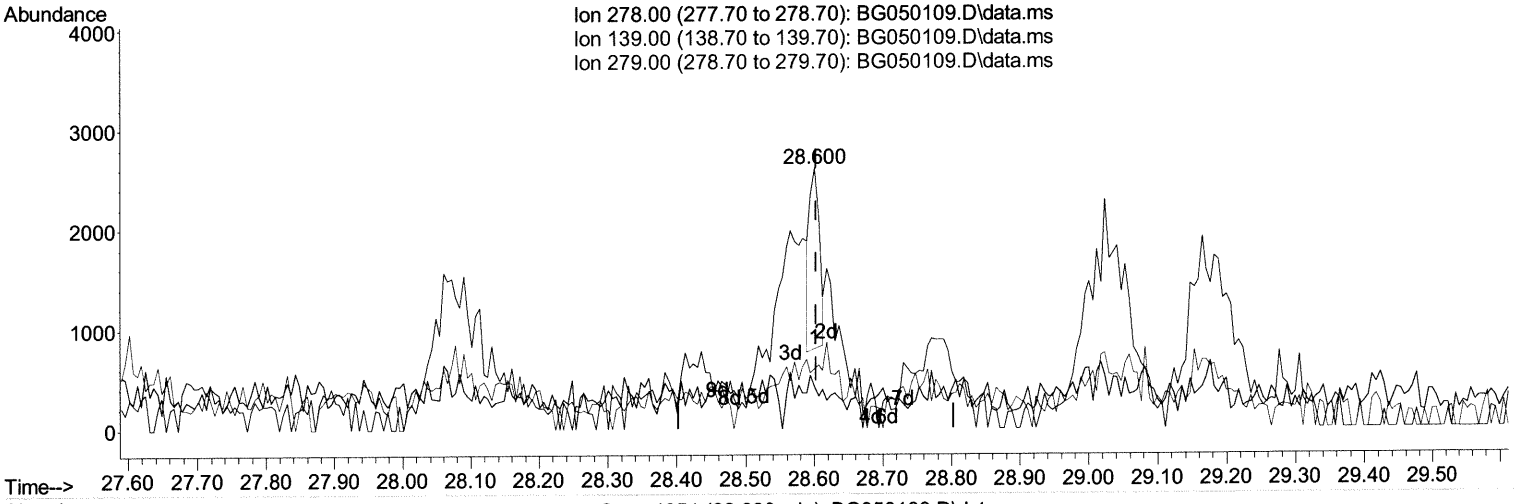

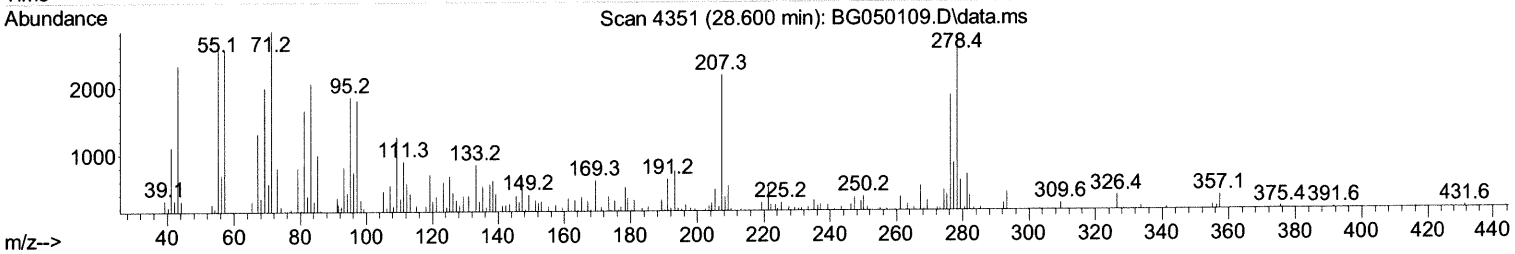

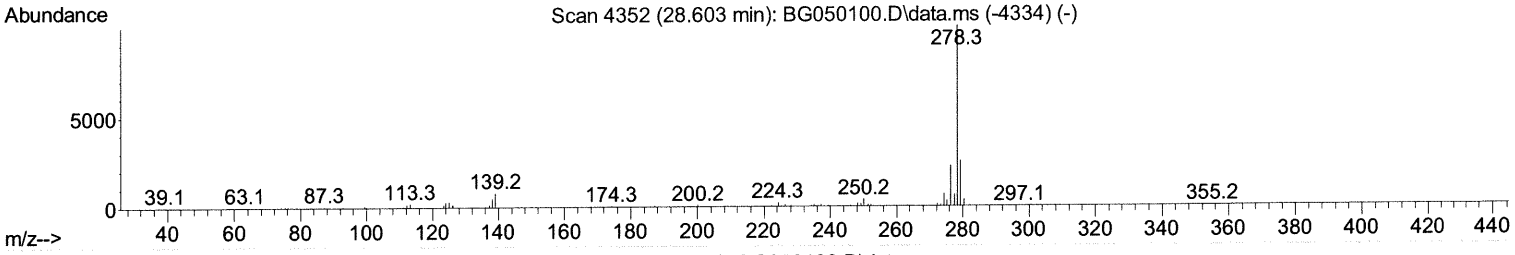

TIC: BG050109.D\data.ms

(95) Dibenzo(a,h)anthracene

28.600min (-0.003) 0.21 ng/ul

response 1823

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	15.92#
279.00	23.70	22.99
0.00	0.00	0.00

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BNA_G
ClientSampleId :
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Manual Integrations APPROVED

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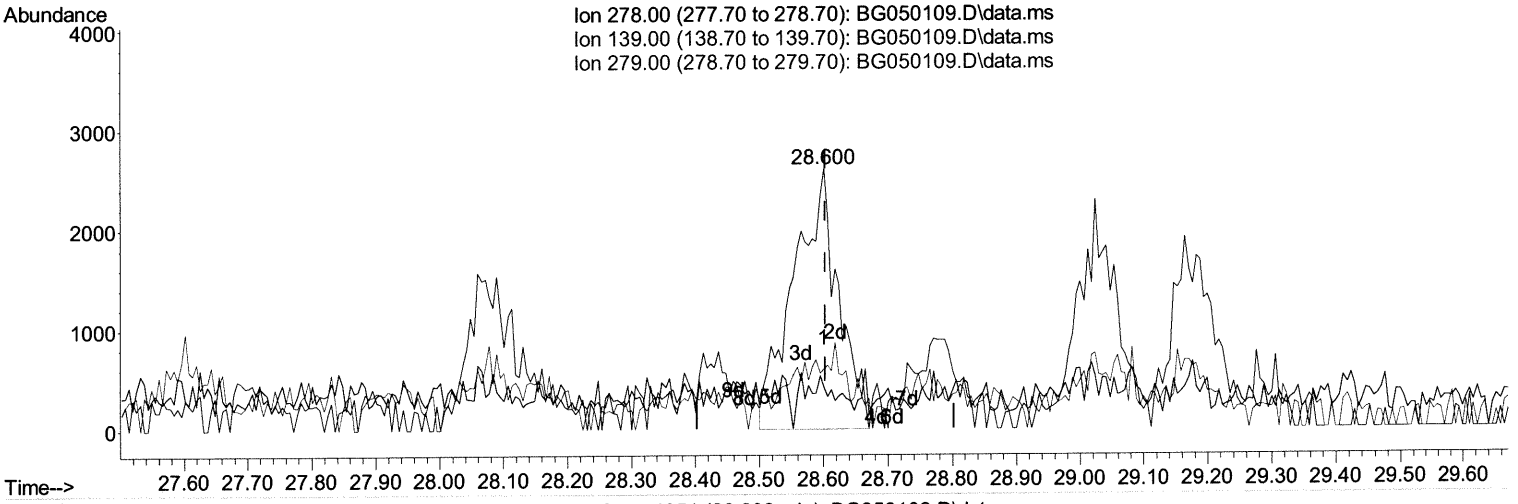

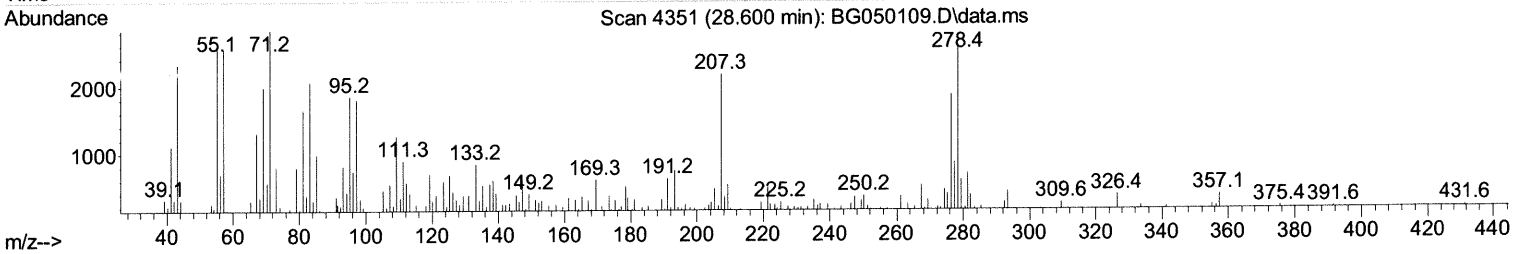

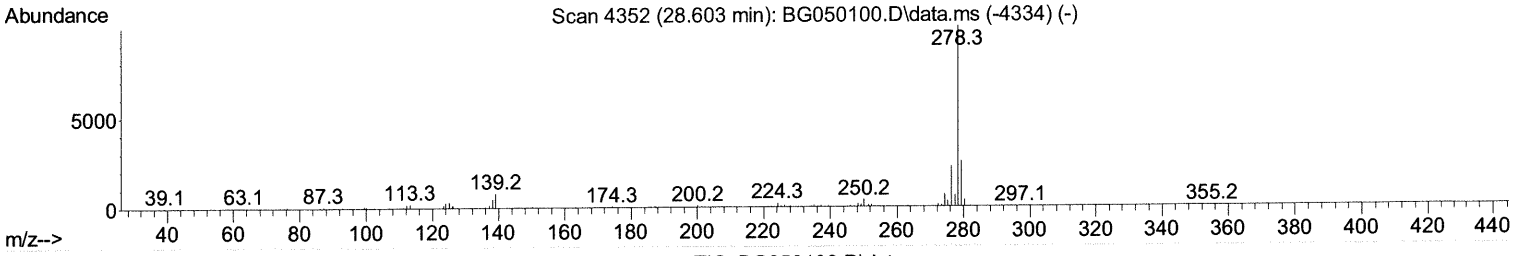

TIC: BG050109.D\data.ms

(95) Dibenzo(a,h)anthracene

28.600min (-0.003) 1.42 ng/ul m

response 12490

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	15.92#
279.00	23.70	22.99
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	29612	20.000	ng/ul	0.00
20) Naphthalene-d8	10.771	136	119140	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.613	164	70986	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	132804	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.645	240	137192	20.000	ng/ul	0.00
88) Perylene-d12	24.870	264	143679	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	1525	2.656	ng/uL	0.00
4) Pyridine-d5	3.763	84	7702m	4.453	ng/ul	0.02
7) Phenol-d5	7.123	99	37024	14.724	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	24411	17.474	ng/ul	0.00
11) 2-Chlorophenol-d4	7.488	132	30260	16.083	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	21772	10.994	ng/ul	0.00
21) Nitrobenzene-d5	9.127	128	15640	16.933	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	16844	15.315	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.407	165	29317	14.945	ng/ul	0.00
31) 4-Chloroaniline-d4	10.912	131	26917	10.081	ng/ul	0.00
46) Dimethylphthalate-d6	14.014	166	94145	17.330	ng/ul	0.00
49) Acenaphthylene-d8	14.308	160	115700	18.164	ng/ul	0.00
54) 4-Nitrophenol-d4	14.848	143	8472	10.779	ng/ul	0.00
60) Fluorene-d10	15.612	176	78531	17.049	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.753	200	11506	13.467	ng/ul	0.00
73) Anthracene-d10	17.474	188	118383	19.851	ng/ul	0.00
81) Pyrene-d10	19.765	212	135653	18.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.641	264	127441	16.719	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.824	128	6044	1.015	ng/ul	97
36) 2-Methylnaphthalene	12.434	142	4989	1.127	ng/ul	91
37) 1-Methylnaphthalene	12.657	142	4469	1.000	ng/ul#	94
52) Acenaphthene	14.684	153	5264	1.246	ng/ul#	94
61) Fluorene	15.665	166	5818	1.179	ng/ul#	98
72) Phenanthrene	17.415	178	76886	11.613	ng/ul	98
74) Anthracene	17.509	178	18237	2.718	ng/ul#	78
77) Carbazole	17.774	167	8841	1.481	ng/ul#	53
80) Fluoranthene	19.430	202	124219	13.578	ng/ul#	99
82) Pyrene	19.795	202	119151	13.143	ng/ul	98
85) Benzo(a)anthracene	21.627	228	62037	7.257	ng/ul	94
87) Chrysene	21.692	228	64655	8.001	ng/ul	97
90) Benzo(b)fluoranthene	23.842	252	75228	8.185	ng/ul#	98
91) Benzo(k)fluoranthene	23.901	252	25302	2.896	ng/ul#	87
93) Benzo(a)pyrene	24.717	252	42934	5.379	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.559	276	35785m	3.399	ng/ul	
95) Dibenzo(a,h)anthracene	28.600	278	12490m	1.417	ng/ul	

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