Quantitation Report (QT Reviewed)

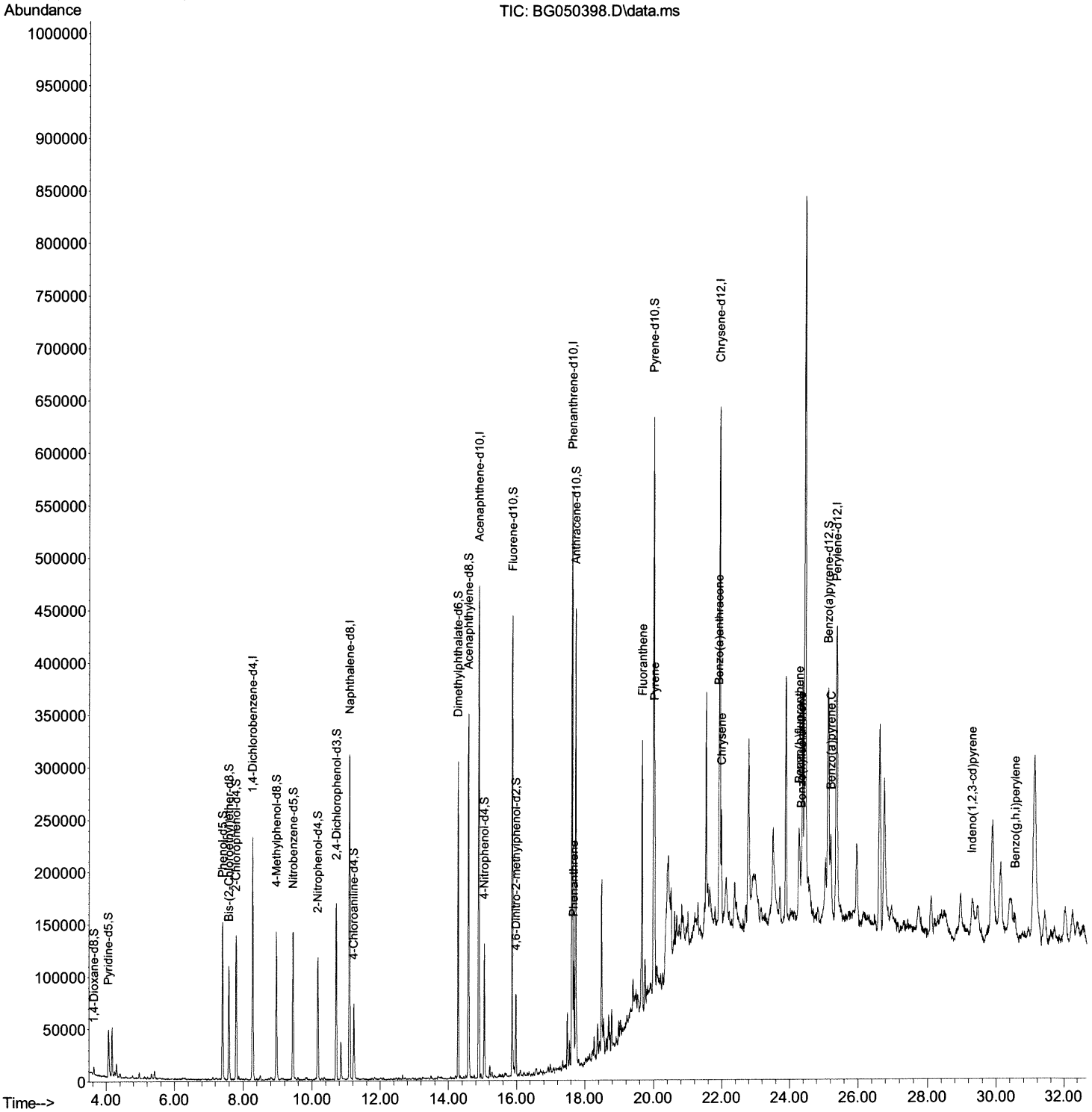
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050398.D
Acq On : 2 Oct 2021 21:03
Operator : CG/JU
Sample : M3877-14
Misc :
ALS Vial : 84 Sample Multiplier: 1

Quant Time: Oct 04 01:09:17 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 :
EW2N0

Manual Integrations APPROVED

mohammad
10/4/2021 11:51:33 AM



Quantitation Report (Qedit)

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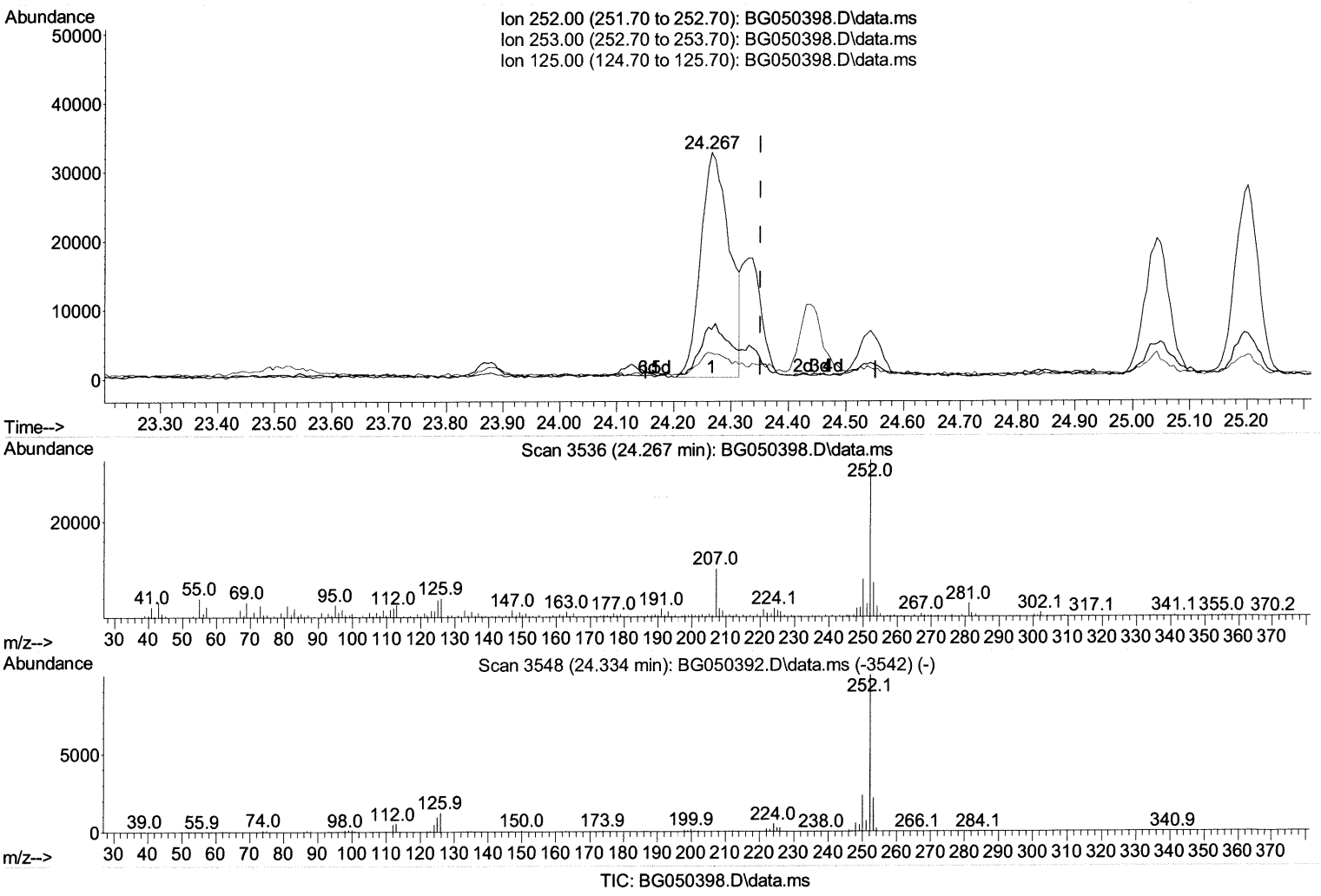

TIC: BG050398.D\data.ms

(91) Benzo(k)fluoranthene

24.267min (-0.085) 6.95 ng/ul

response 113735

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	21.94
125.00	9.20	11.20#
0.00	0.00	0.00

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Manual Integrations APPROVED

mohammad
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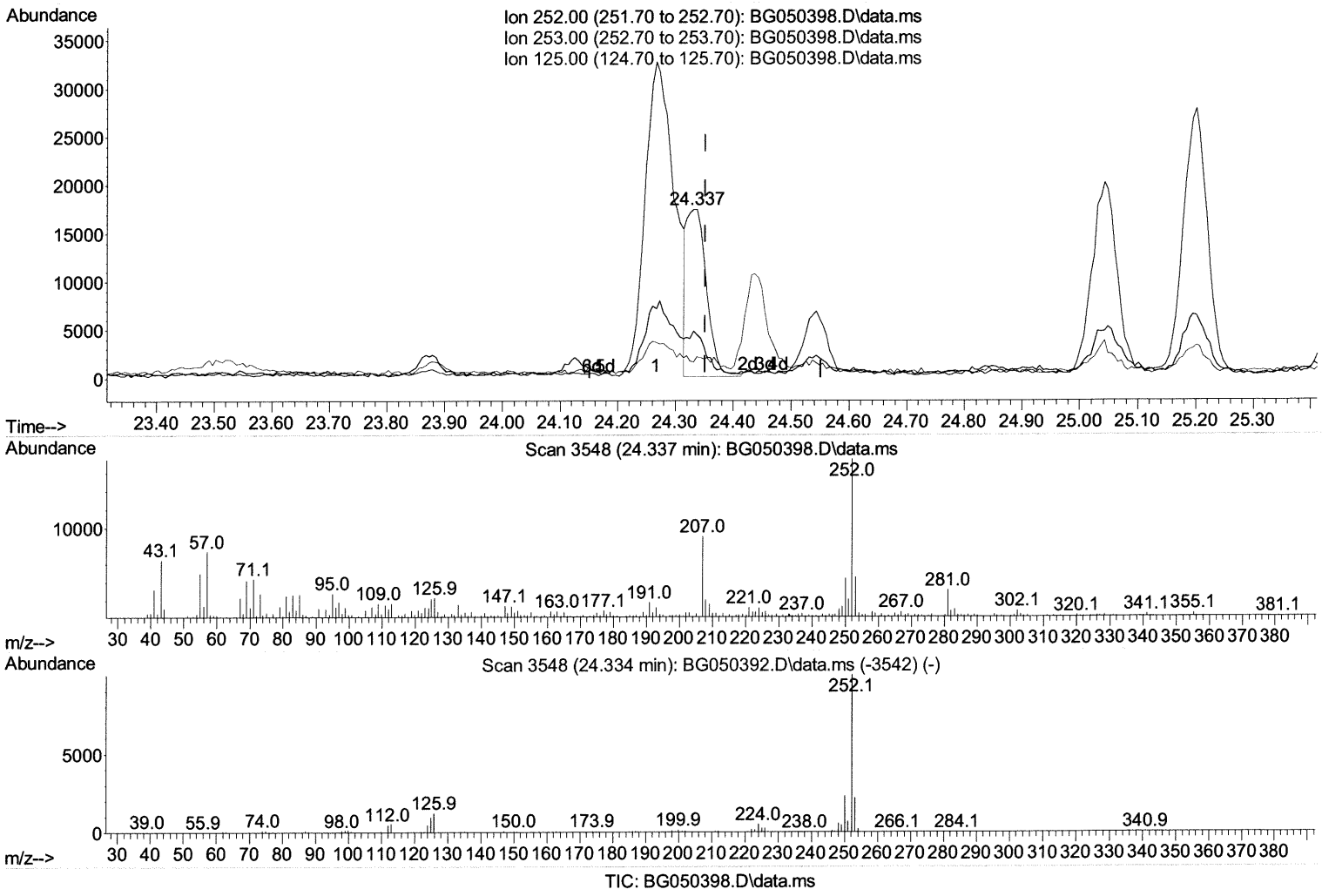

TIC: BG050398.D\data.ms

(91) Benzo(k)fluoranthene

24.337min (-0.014) 2.54 ng/ul m 10/05/21 JU

response 41569

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	25.58
125.00	9.20	12.41#
0.00	0.00	0.00

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BNA_G
ClientSampleId :
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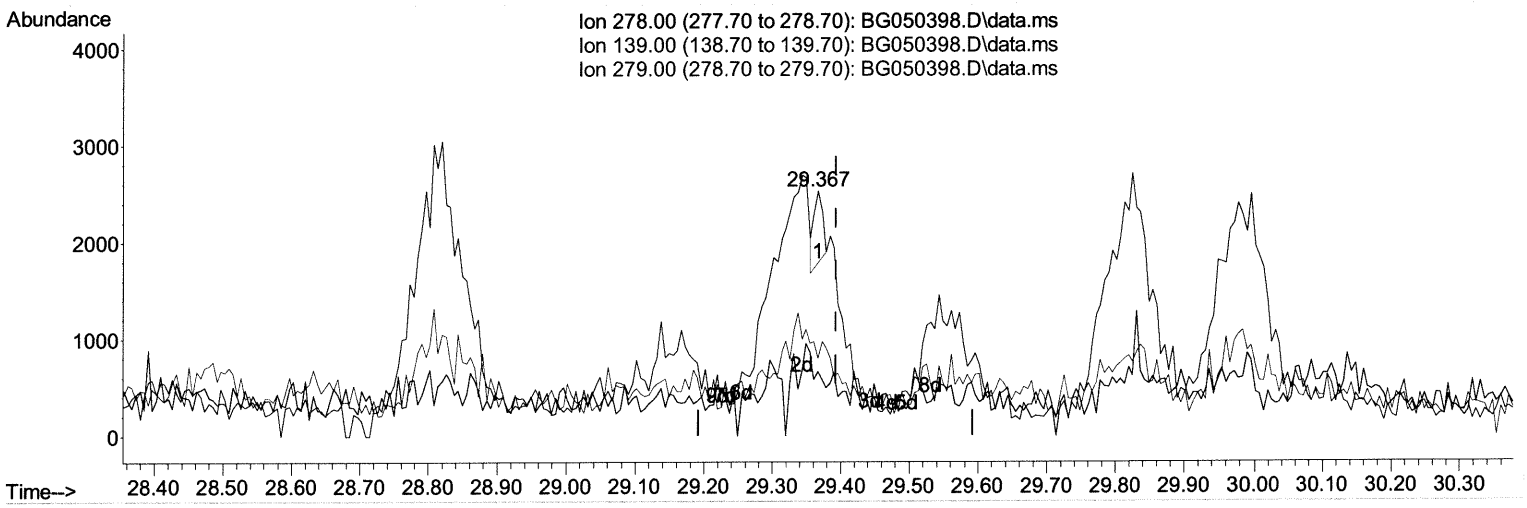
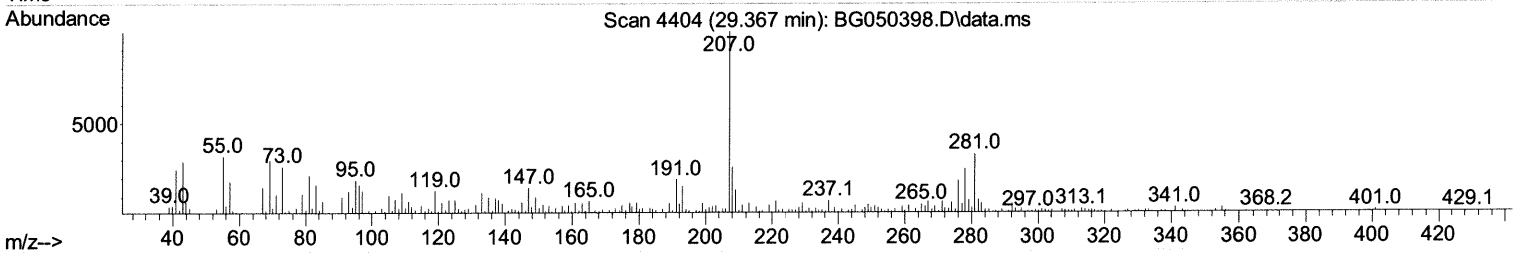
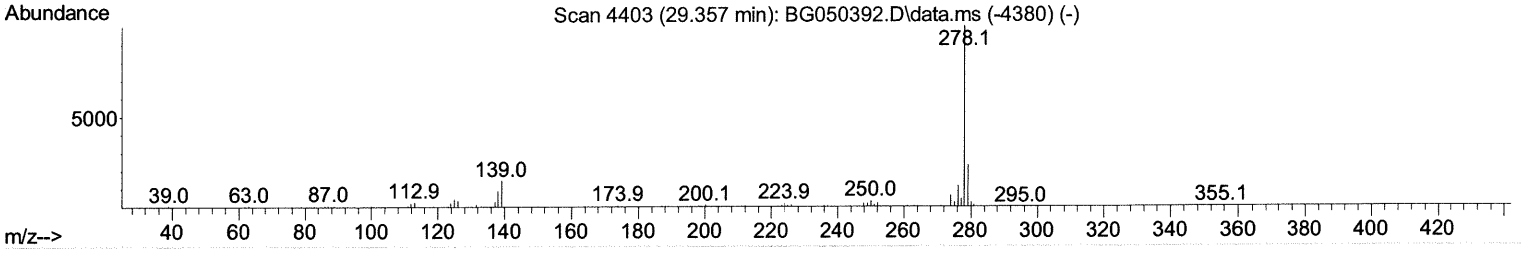
Manual Integrations APPROVED

mohammad
10/4/2021 11:51:33 AM







TIC: BG050398.D\data.ms

(95) Dibenzo(a,h)anthracene

29.367min (-0.026) 0.04 ng/ul

response 661

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	26.16#
279.00	22.90	31.78#
0.00	0.00	0.00

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BNA_G
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Manual Integrations APPROVED

mohammad
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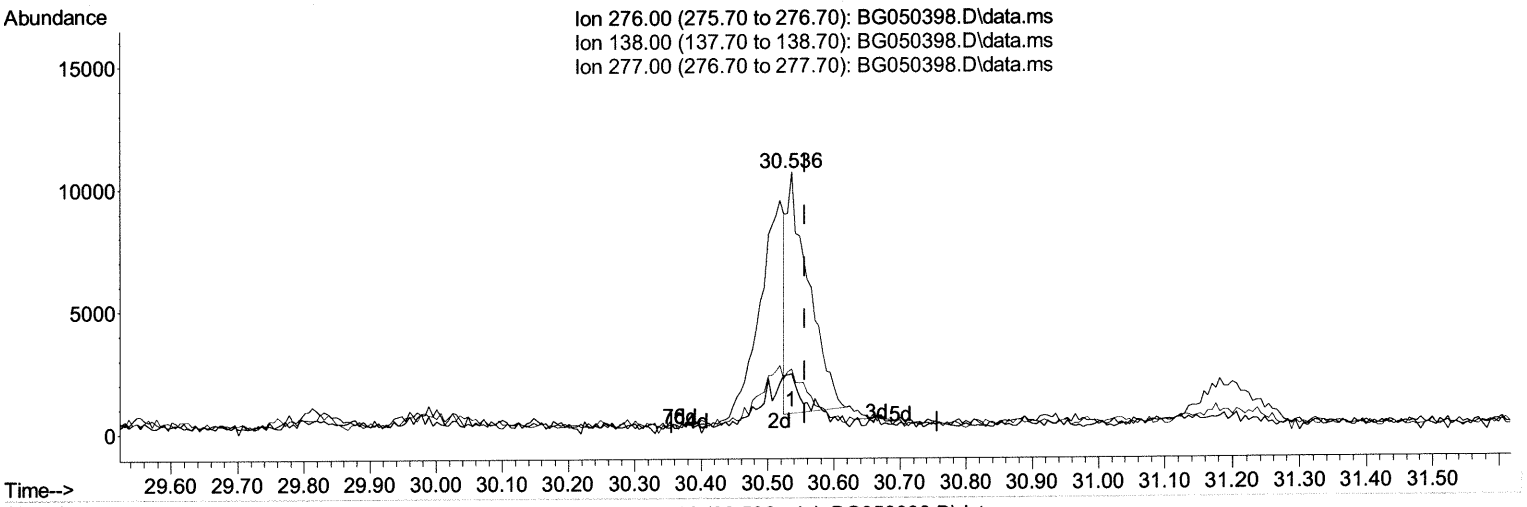

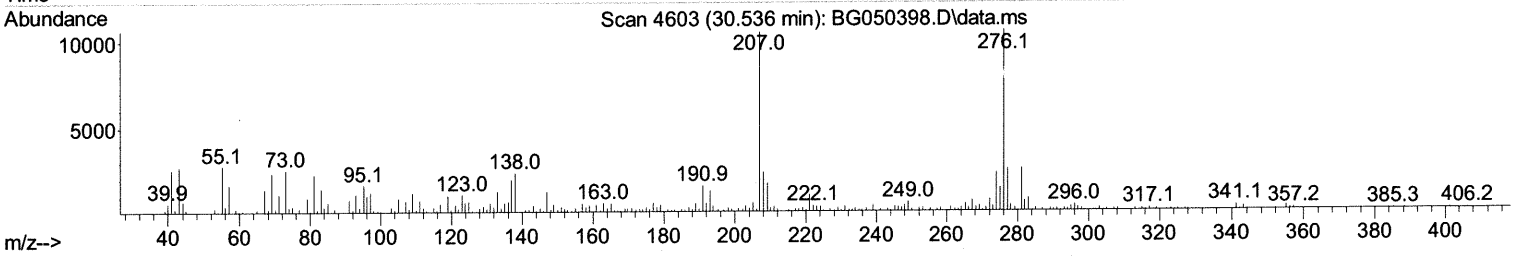

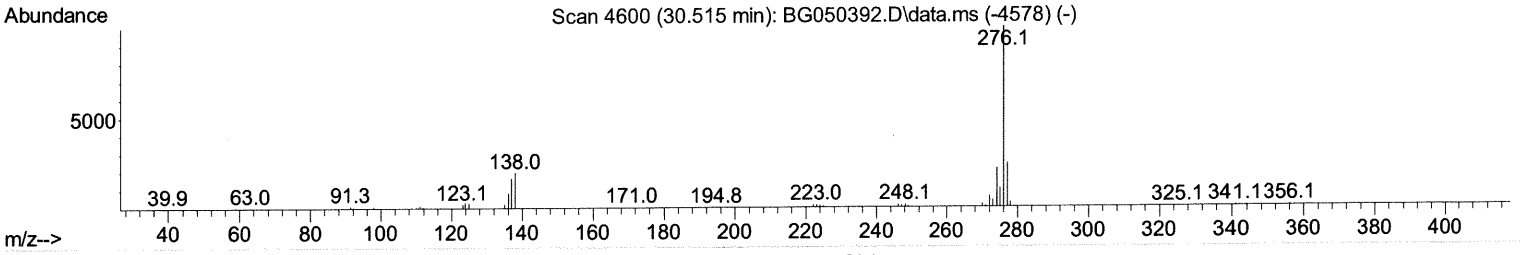

TIC: BG050398.D\data.ms

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

30.536min (-0.020) 1.41 ng/ul

response 22377

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	22.55#
277.00	22.40	24.54
0.00	0.00	0.00

Quantitation Report (Qedit)

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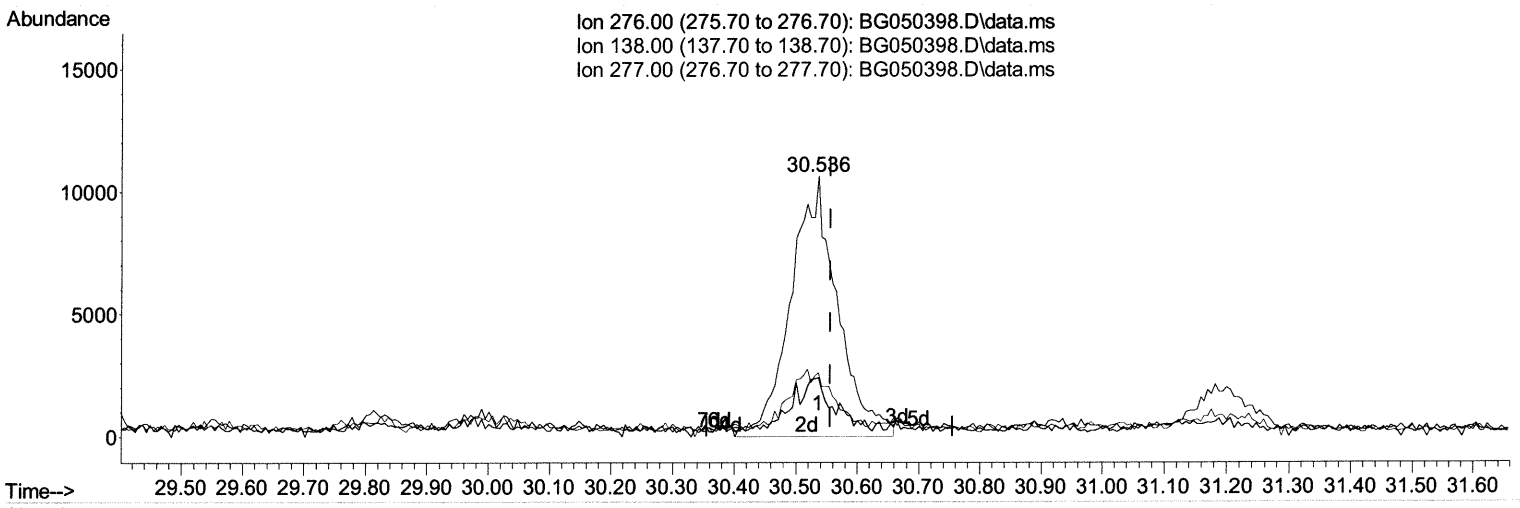
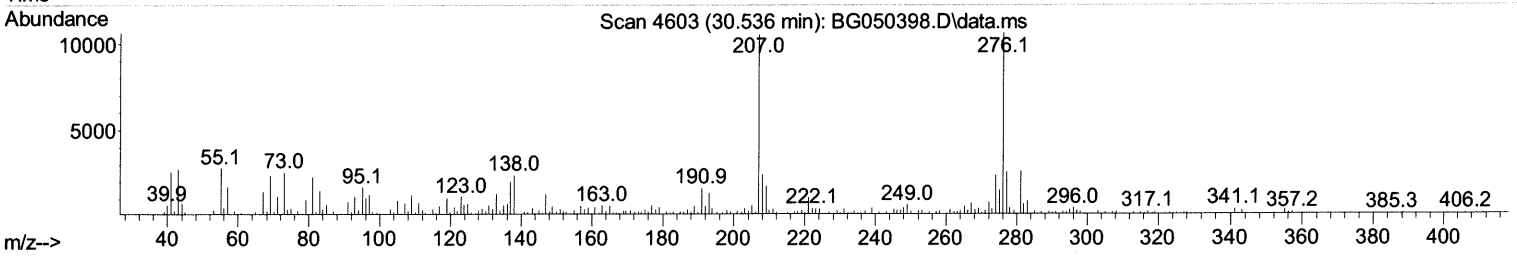
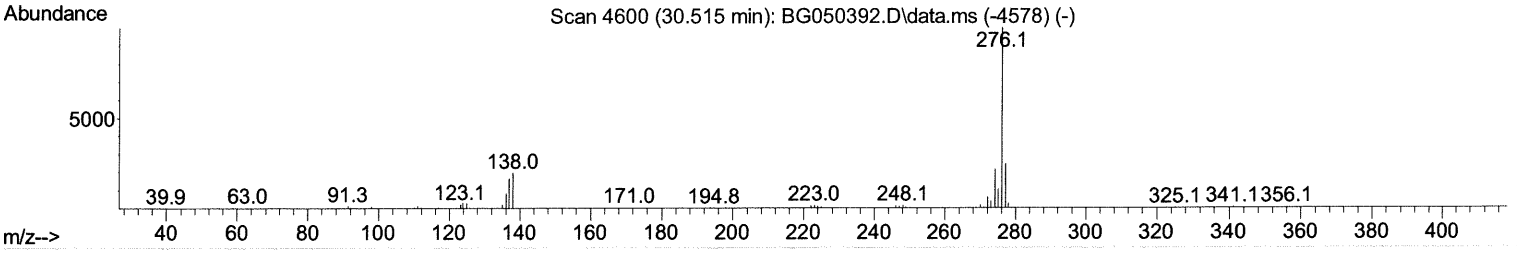
Instrument :
BNA_G
ClientSampleId :
EW2N0

Manual Integrations APPROVED

mohammad
10/4/2021 11:51:33 AM







TIC: BG050398.D\data.ms

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

30.536min (-0.020) 3.50 ng/ul m 10/05/21 JU

response 55564

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	22.55#
277.00	22.40	24.54
0.00	0.00	0.00

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BNA_G
ClientSampleId :
EW2N0

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:33 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.274	152	61247	20.000	ng/ul	0.00
20) Naphthalene-d8	11.100	136	258316	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.889	164	163670	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.633	188	342808	20.000	ng/ul	0.00
79) Chrysene-d12	21.934	240	290497	20.000	ng/ul	-0.01
88) Perylene-d12	25.365	264	288669	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.632	96	4509	2.705	ng/uL	0.00
4) Pyridine-d5	4.067	84	26176	5.269	ng/ul	0.00
7) Phenol-d5	7.404	99	84867	15.860	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.586	67	56004	16.629	ng/ul	0.00
11) 2-Chlorophenol-d4	7.792	132	61012	16.272	ng/ul	0.00
15) 4-Methylphenol-d8	8.961	113	52383	12.933	ng/ul	0.00
21) Nitrobenzene-d5	9.437	128	33424	18.496	ng/ul	0.00
24) 2-Nitrophenol-d4	10.166	143	34438	17.757	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.706	165	60675	15.843	ng/ul	0.00
31) 4-Chloroaniline-d4	11.223	131	38861	7.103	ng/ul	0.00
46) Dimethylphthalate-d6	14.278	166	192807	17.213	ng/ul	-0.01
49) Acenaphthylene-d8	14.584	160	245852	17.477	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	28779	13.340	ng/ul	0.00
60) Fluorene-d10	15.876	176	175264	17.367	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	17663	10.330	ng/ul	0.00
73) Anthracene-d10	17.727	188	257968	17.813	ng/ul	0.00
81) Pyrene-d10	20.001	212	287337	18.602	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.124	264	242527	16.708	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.674	178	60417	3.531	ng/ul	97
80) Fluoranthene	19.672	202	158985	8.196	ng/ul	99
82) Pyrene	20.030	202	145292	7.595	ng/ul	99
85) Benzo(a)anthracene	21.911	228	84741	4.839	ng/ul	97
87) Chrysene	21.981	228	79738	4.751	ng/ul	97
90) Benzo(b)fluoranthene	24.267	252	113735	6.469	ng/ul#	97
91) Benzo(k)fluoranthene	24.337	252	41569m >	2.541	ng/ul>	10/05/21 JU
93) Benzo(a)pyrene	25.201	252	79710	4.751	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.290	276	59080	3.137	ng/ul#	92
96) Benzo(g,h,i)perylene	30.536	276	55564m >	3.499	ng/ul >	10/05/21 JU

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