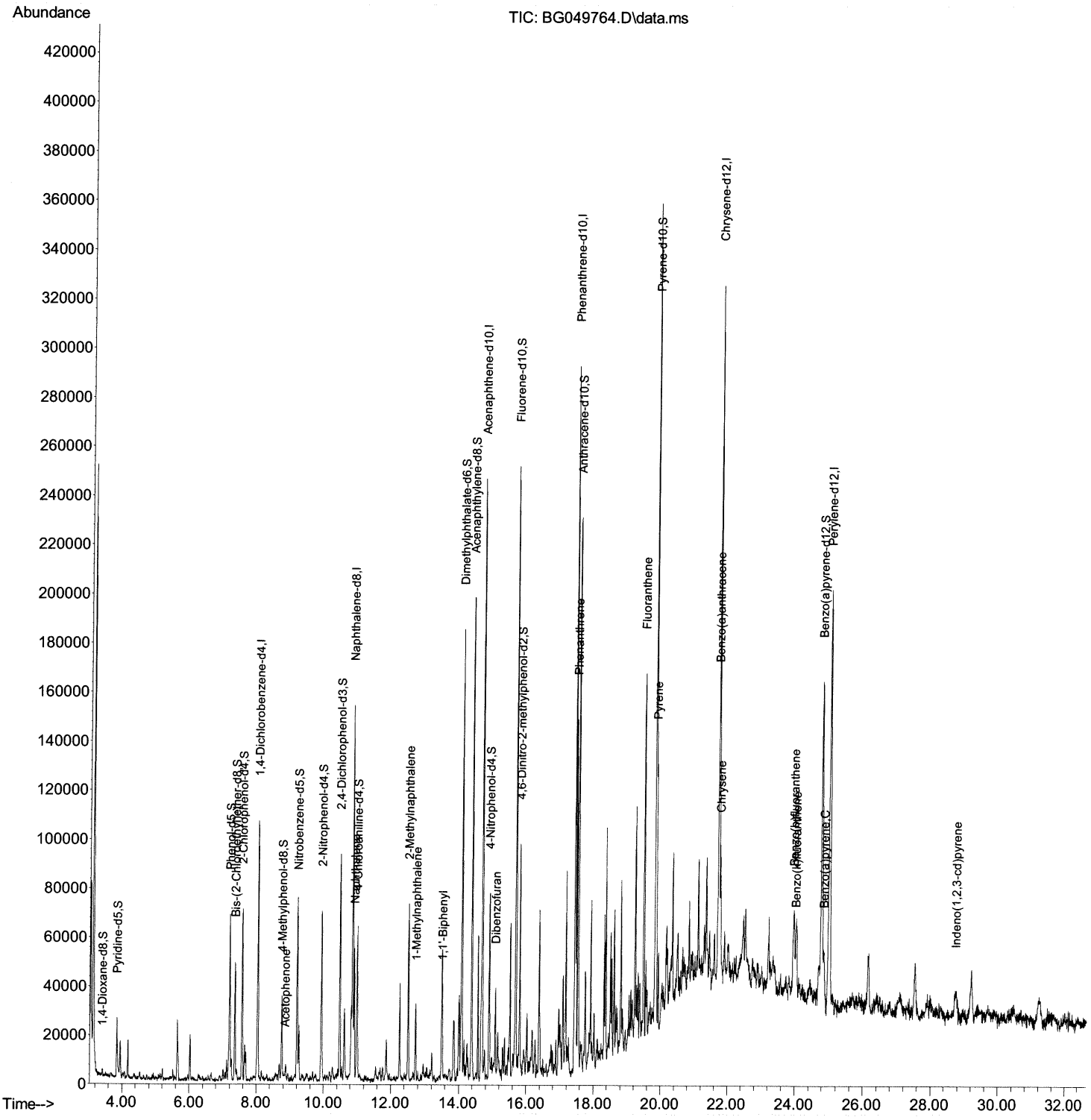
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049764.D
Acq On : 10 Aug 2021 19:51
Operator : CG/JU
Sample : M3182-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 11 03:05:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C00D5

Manual Integrations APPROVED
mohammad
8/11/2021 9:32:49 PM



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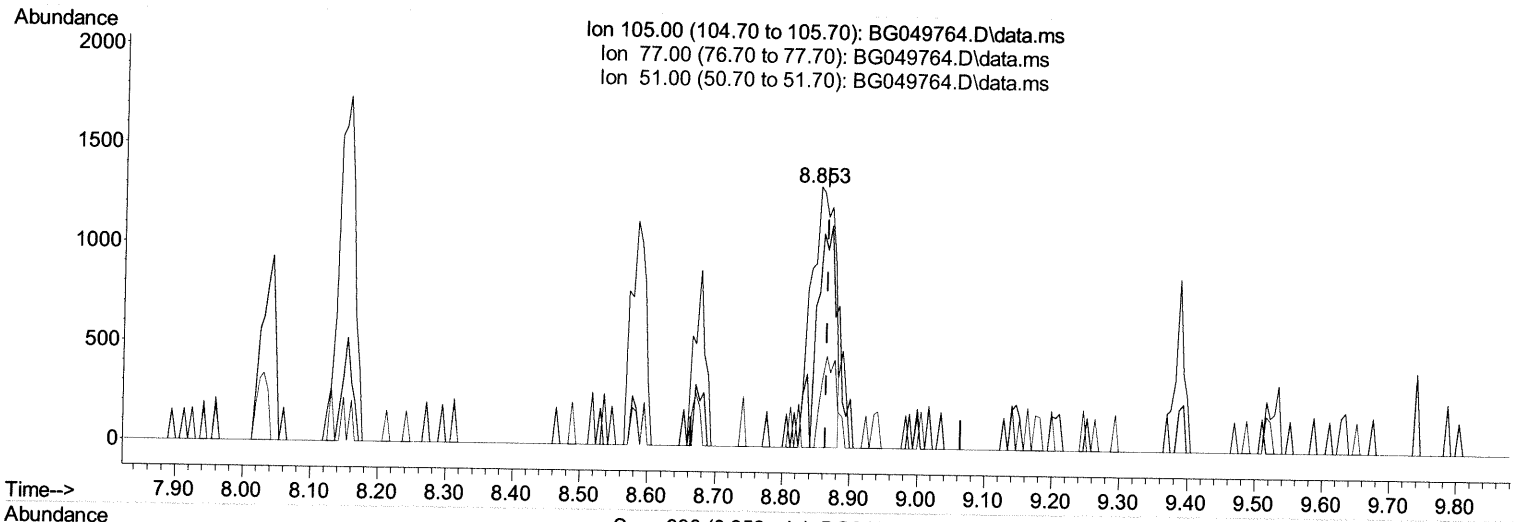
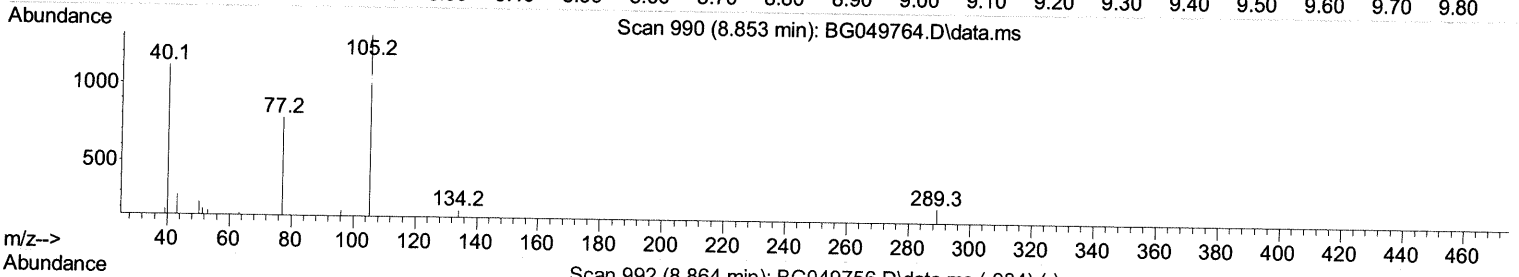
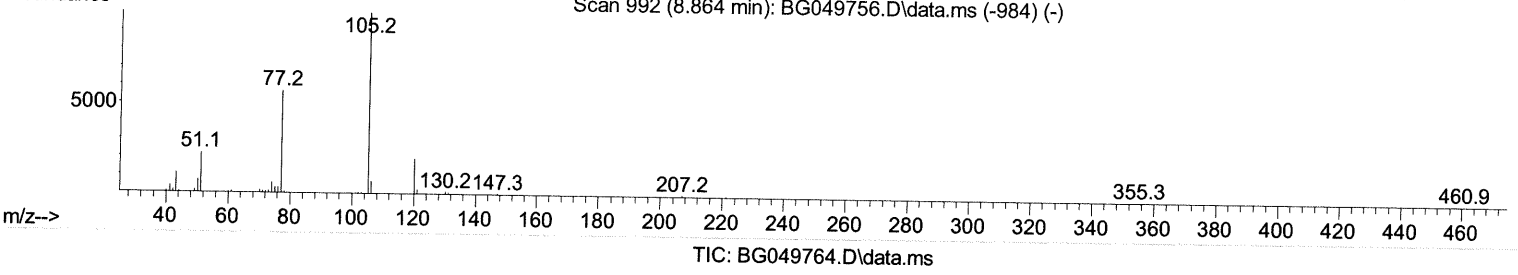




Scan 990 (8.853 min): BG049764.D\data.ms



Scan 992 (8.864 min): BG049756.D\data.ms (-984) (-)

TIC: BG049764.D\data.ms

(16) Acetophenone

8.853min (-0.012) 1.00 ng/ul

response 3228

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	88.00	59.44#
51.00	31.40	14.54#
0.00	0.00	0.00

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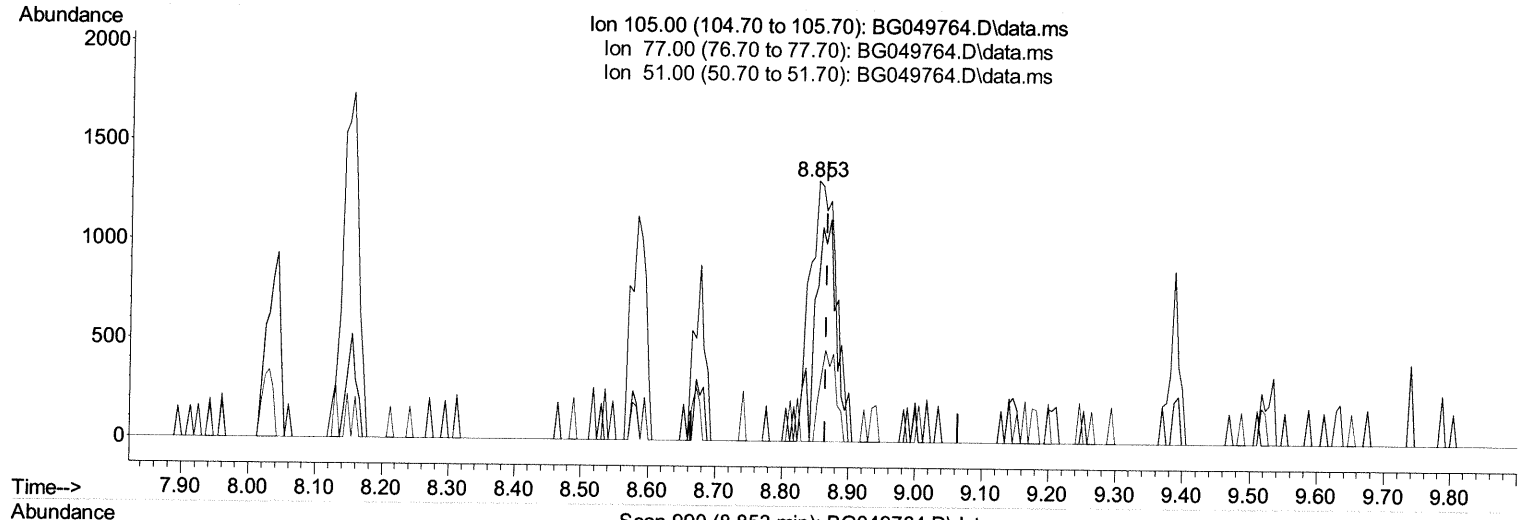
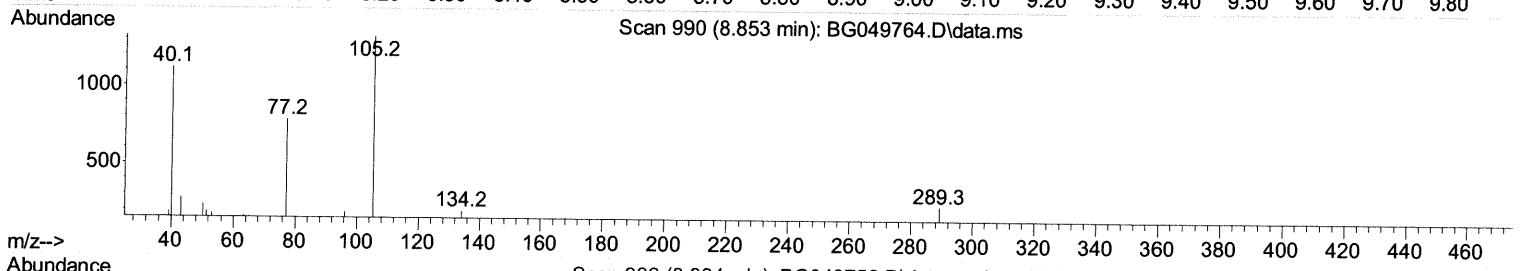
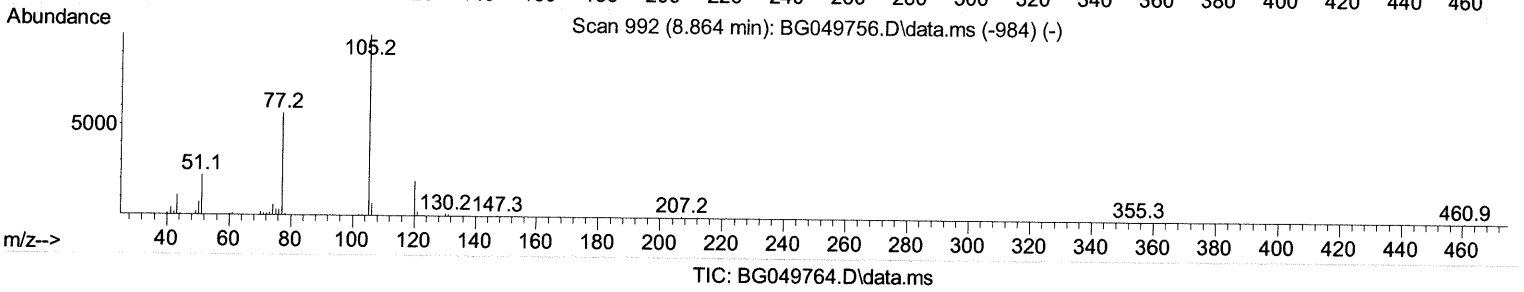
Manual Integrations APPROVED
mohammad
8/11/2021 9:32:49 PM







TIC: BG049764.D\data.ms

(16) Acetophenone

8.853min (-0.012) 1.08 ng/ul m 08/12/21 JU

response 3497

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	88.00	59.44#
51.00	31.40	14.54#
0.00	0.00	0.00

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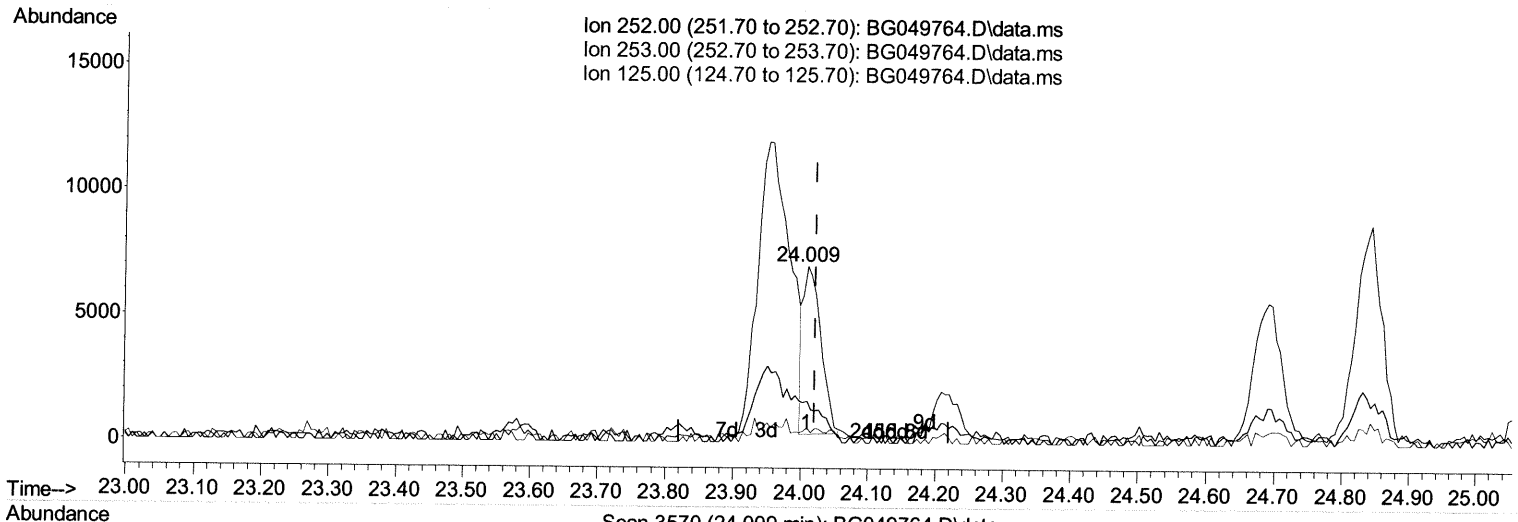
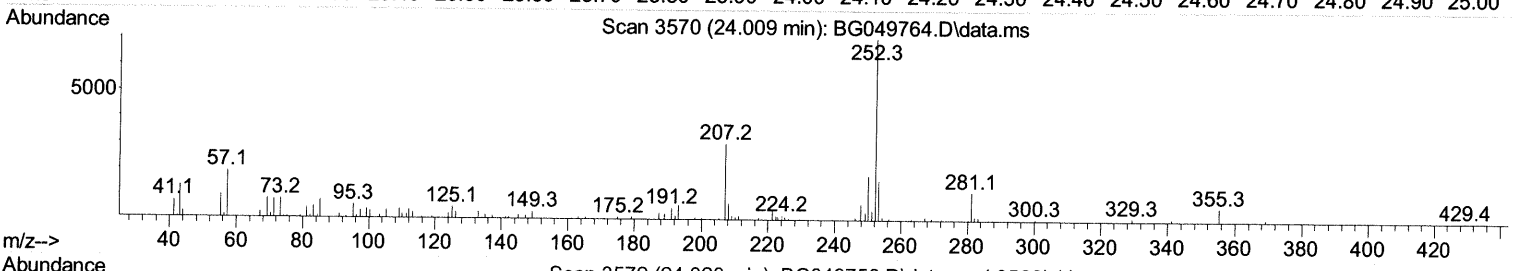
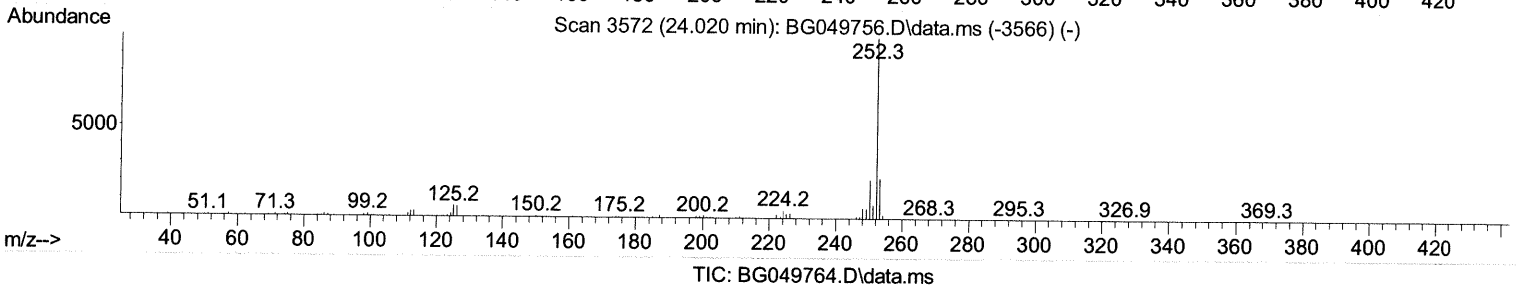
BNA_G
ClientSampleId :
C00D5

Manual Integrations APPROVED
mohammad
8/11/2021 9:32:49 PM







TIC: BG049764.D\data.ms

(91) Benzo(k)fluoranthene

24.009min (-0.012) 1.14 ng/ul

response 12380

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.32
125.00	4.80	8.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

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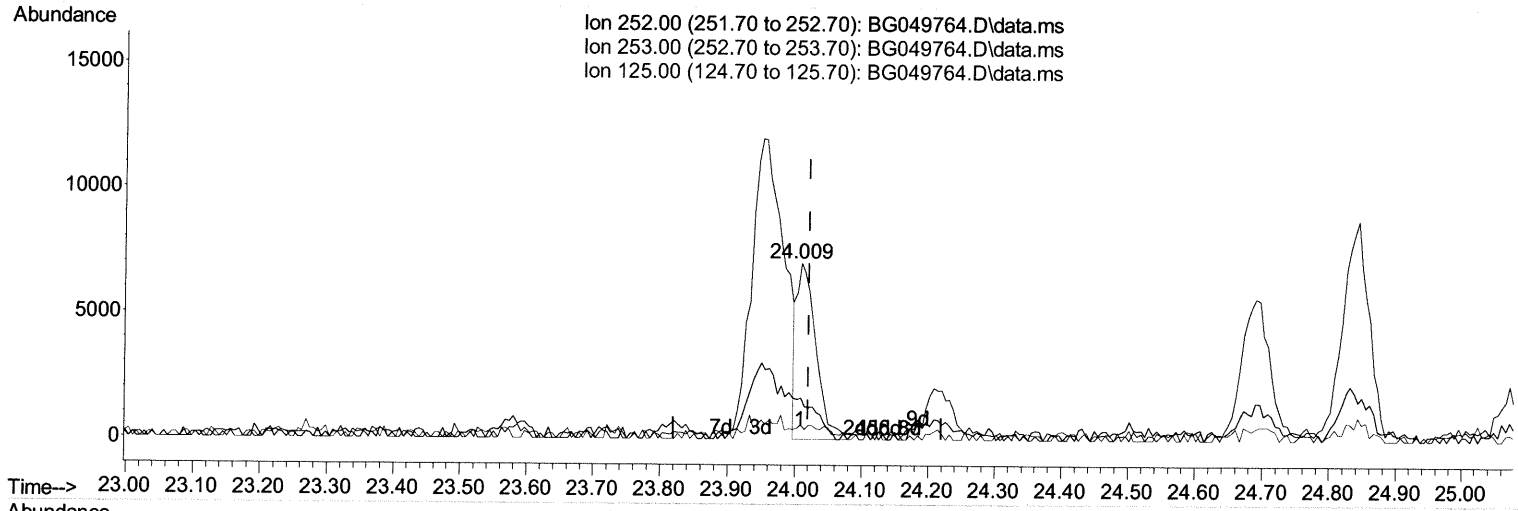
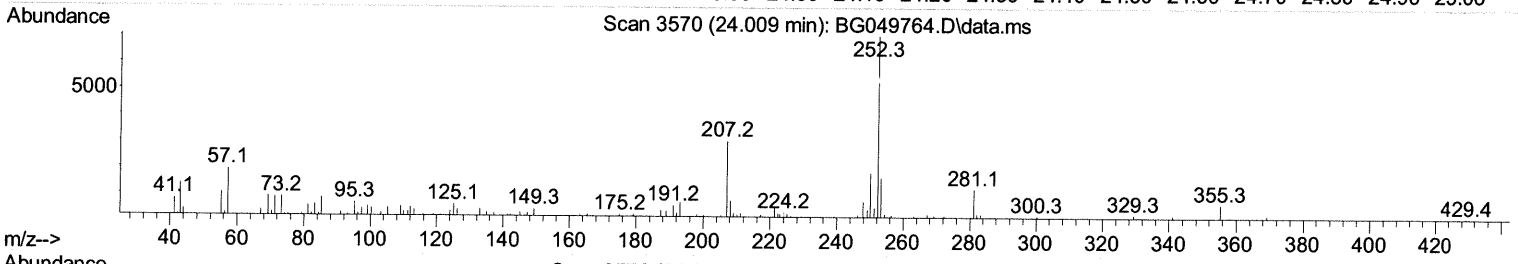
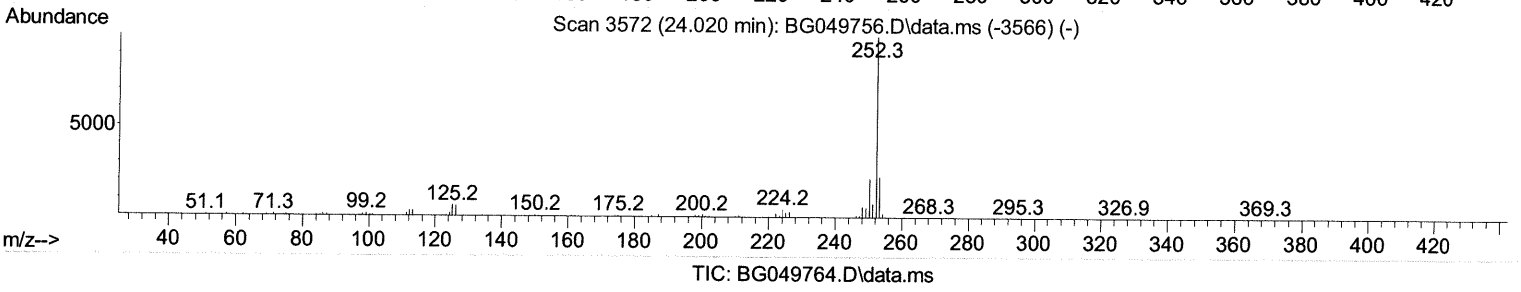
BNA_G
ClientSampleId :
C00D5

Manual Integrations APPROVED
mohammad
8/11/2021 9:32:49 PM







(91) Benzo(k)fluoranthene

24.009min (-0.012) 1.28 ng/ul m 08/12/21 JU

response 13952

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.32
125.00	4.80	8.30#
0.00	0.00	0.00

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Misc :
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Instrument :
BNA_G
ClientSampleId :
C00D5

Manual Integrations APPROVED
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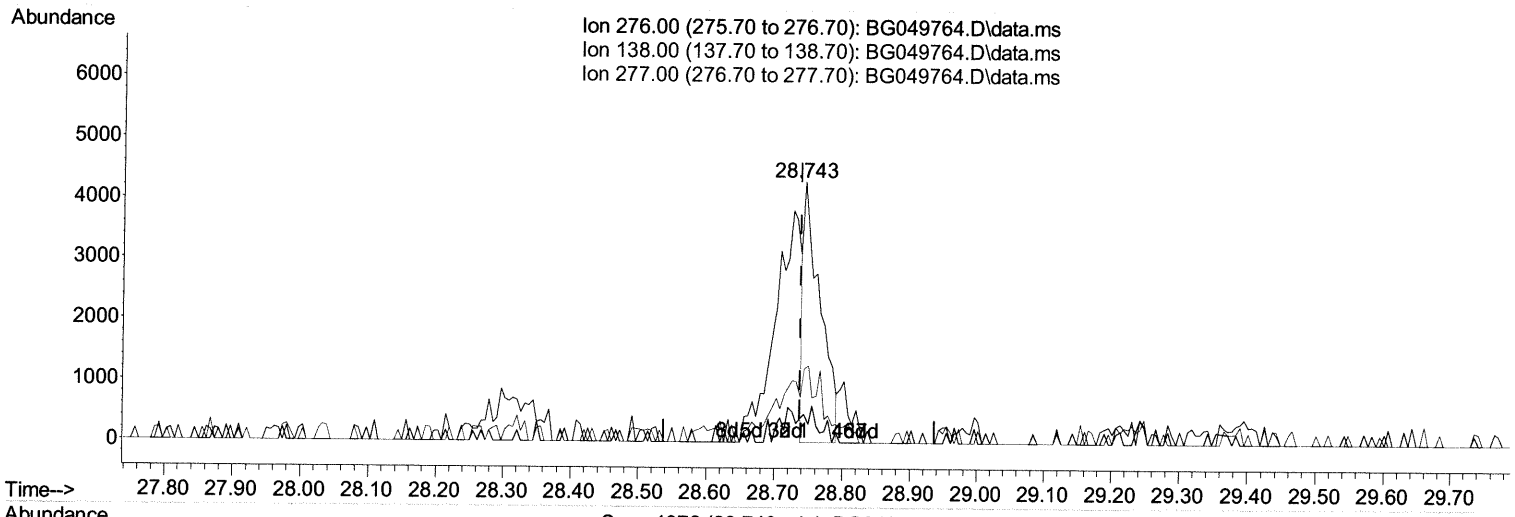
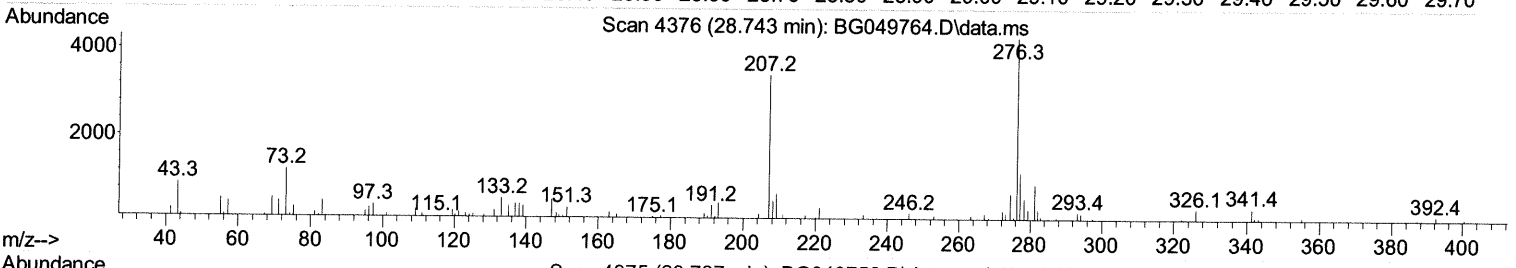
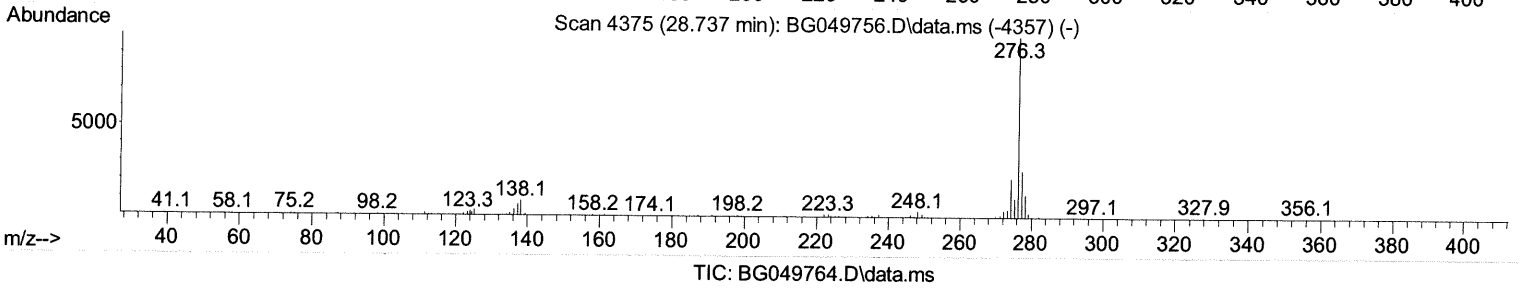
8/11/2021 9:32:49 PM







TIC: BG049764.D\data.ms

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

28.743min (+ 0.006) 0.58 ng/ul

response 7290

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	10.68#
277.00	24.30	28.14
0.00	0.00	0.00

Quantitation Report (Qedit)

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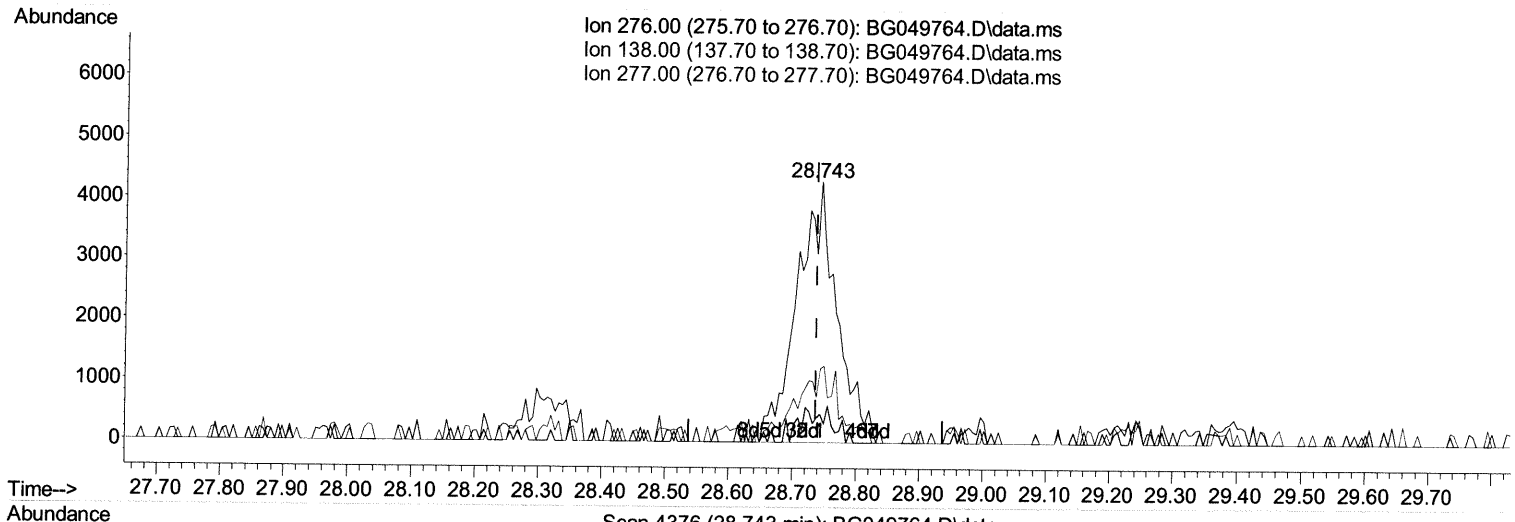
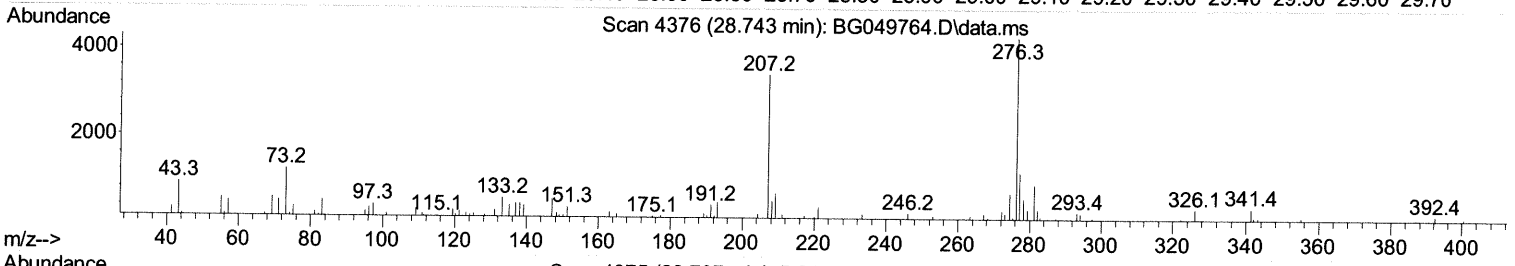
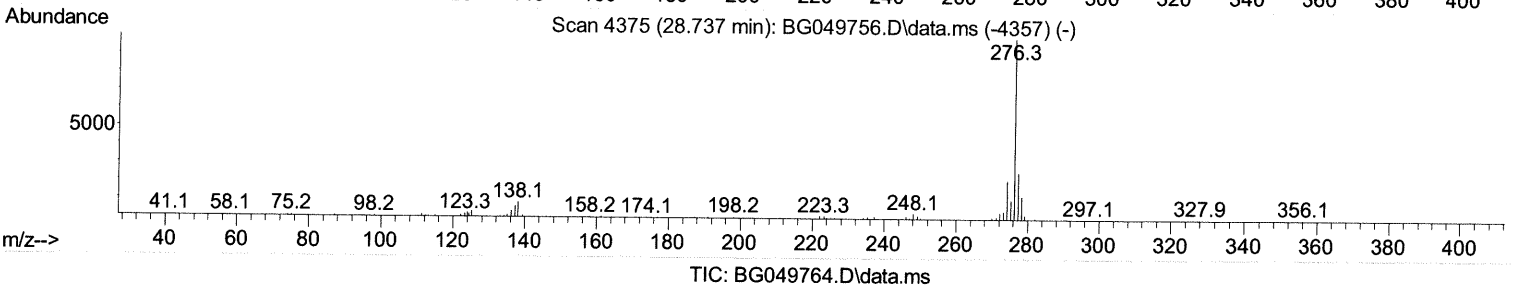
Manual Integrations APPROVED
mohammad
8/11/2021 9:32:49 PM







TIC: BG049764.D\data.ms

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

28.743min (+ 0.006) 1.46 ng/ul m 08/12/21 JU

response 18499

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	10.68#
277.00	24.30	28.14
0.00	0.00	0.00

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8/11/2021 9:32:49 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	28079	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	123604	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	85400	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	175312	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.718	240	158590	20.000	ng/ul	0.00
88) Perylene-d12	24.995	264	167682	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	1249	2.080	ng/uL	0.00
4) Pyridine-d5	3.848	84	13937	7.733	ng/ul	0.00
7) Phenol-d5	7.196	99	36141	14.182	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	23384	15.975	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	29550	16.202	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	12977	6.679	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	16534	16.981	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	20130	18.103	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	31548	15.047	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	29747	10.364	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	114067	17.020	ng/ul	0.00
49) Acenaphthylene-d8	14.380	160	134274	16.840	ng/ul	0.00
54) 4-Nitrophenol-d4	14.897	143	15645	14.438	ng/ul	0.00
60) Fluorene-d10	15.679	176	100467	17.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	17676	14.981	ng/ul	0.00
73) Anthracene-d10	17.541	188	130340	15.750	ng/ul	0.00
81) Pyrene-d10	19.826	212	163324	18.691	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.766	264	152083	16.553	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.853	105	3497m	1.084	ng/ul	> 08/12/2134
30) Naphthalene	10.909	128	43659	6.764	ng/ul	98
36) 2-Methylnaphthalene	12.512	142	31621	6.398	ng/ul	97
37) 1-Methylnaphthalene	12.736	142	14500	3.015	ng/ul	93
43) 1,1'-Biphenyl	13.517	154	10439	1.641	ng/ul#	84
56) Dibenzofuran	15.085	168	11858	1.591	ng/ul	99
72) Phenanthrene	17.482	178	85660	9.232	ng/ul	96
80) Fluoranthene	19.491	202	79684	7.389	ng/ul	98
82) Pyrene	19.855	202	63242	5.880	ng/ul	99
85) Benzo(a)anthracene	21.700	228	38556	3.703	ng/ul	94
87) Chrysene	21.770	228	41797	4.298	ng/ul	93
90) Benzo(b)fluoranthene	23.950	252	40126	3.661	ng/ul#	93
91) Benzo(k)fluoranthene	24.009	252	13952m	1.282	ng/ul	> 08/12/21
93) Benzo(a)pyrene	24.843	252	23035	2.387	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.743	276	18499m	1.461	ng/ul	> 08/12/21

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