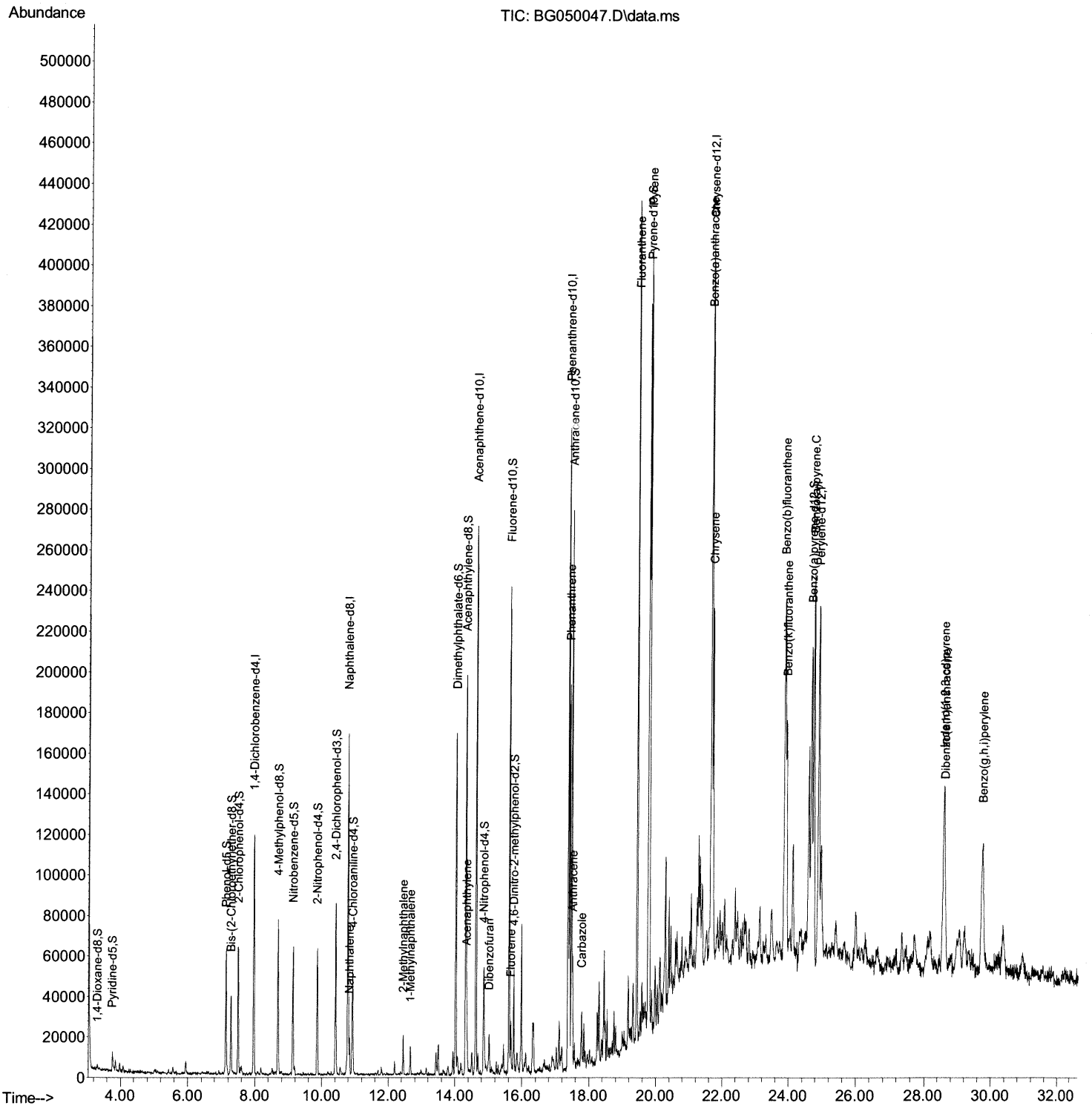
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050047.D
Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 31 04:29:39 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 :
C0AC2

Manual Integrations APPROVED
mohammad
8/31/2021 11:35:59 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050047.D
Acq On : 31 Aug 2021 2:42
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Manual Integrations APPROVED
mohammad
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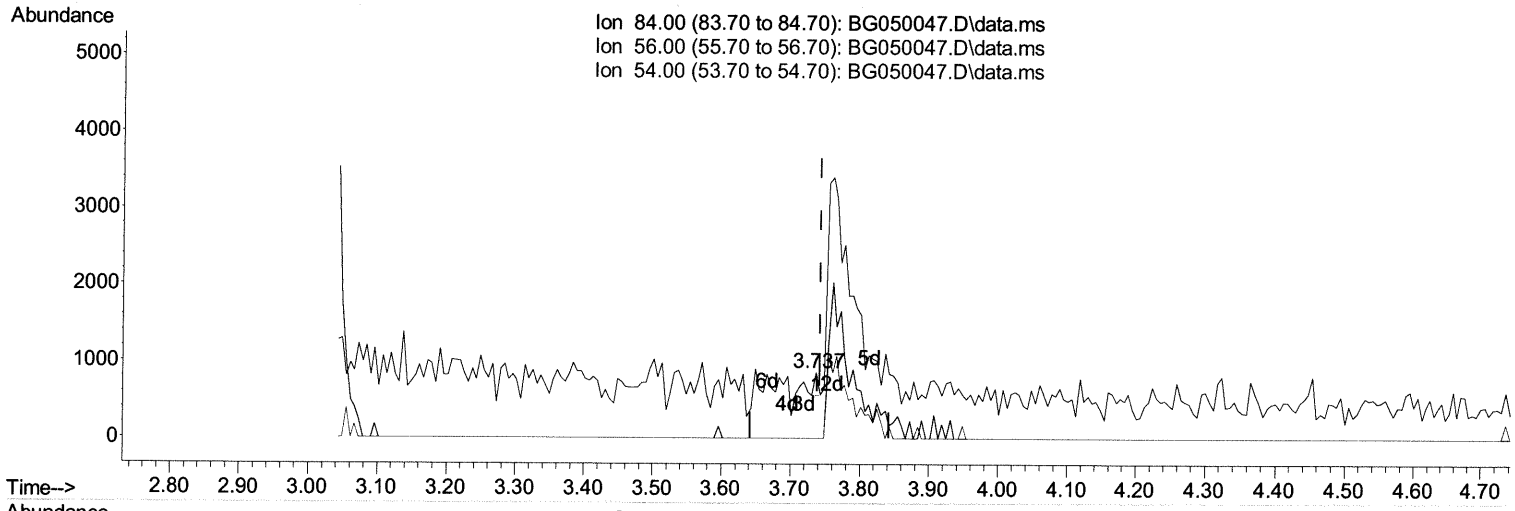

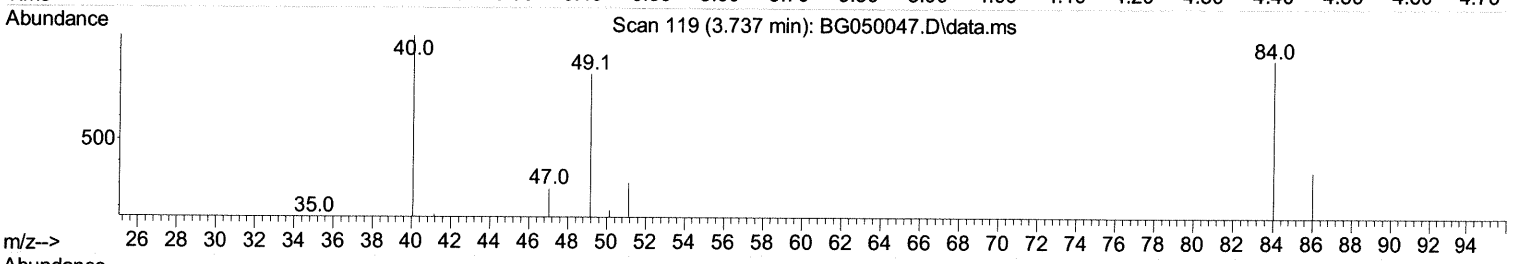

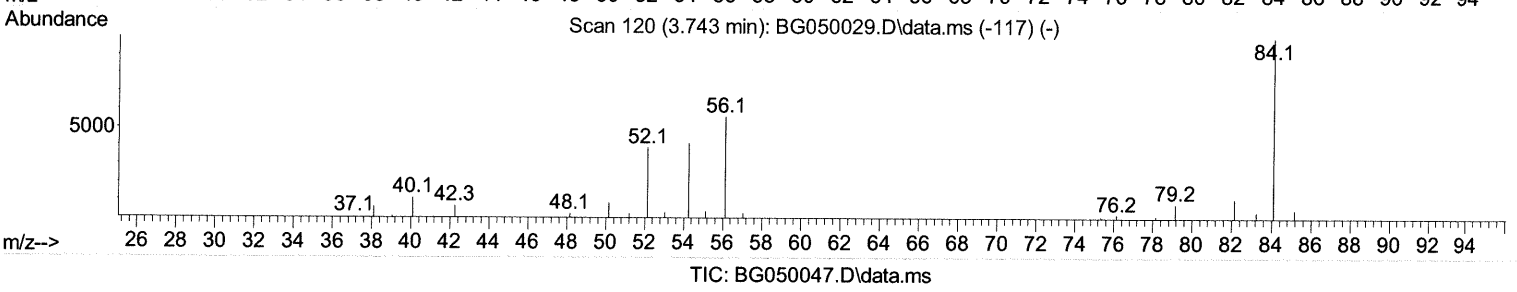

(4) Pyridine-d5 (S)

3.737min (-0.006) 0.06 ng/ul

response 109

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

Quantitation Report (Qedit)

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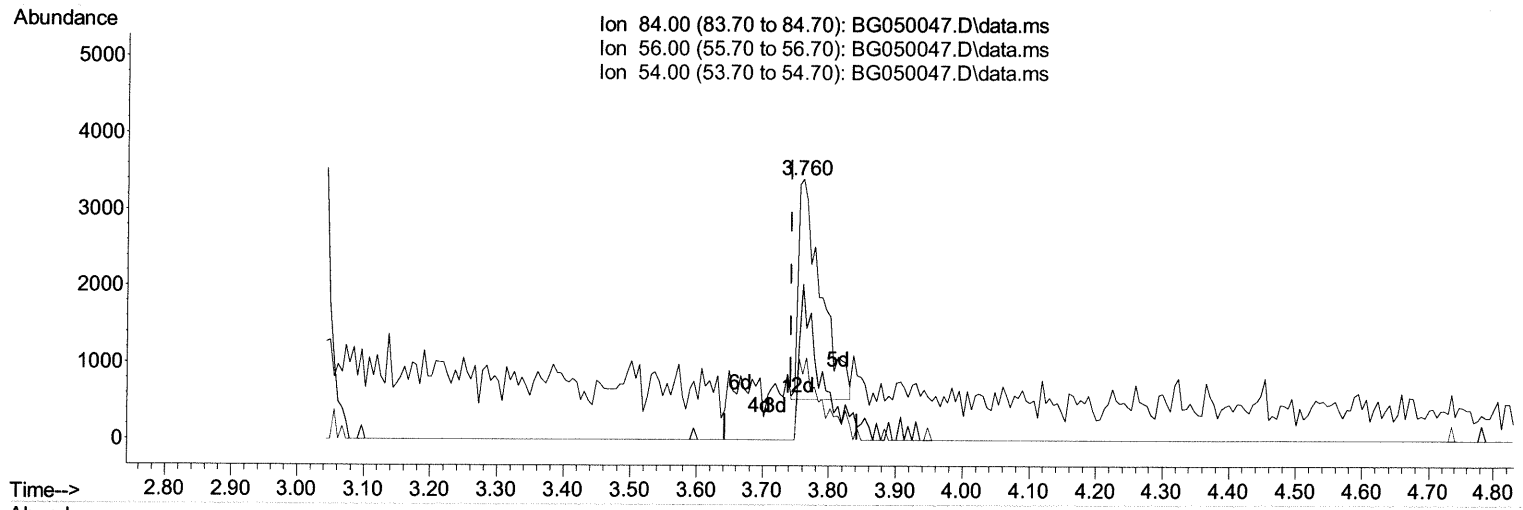
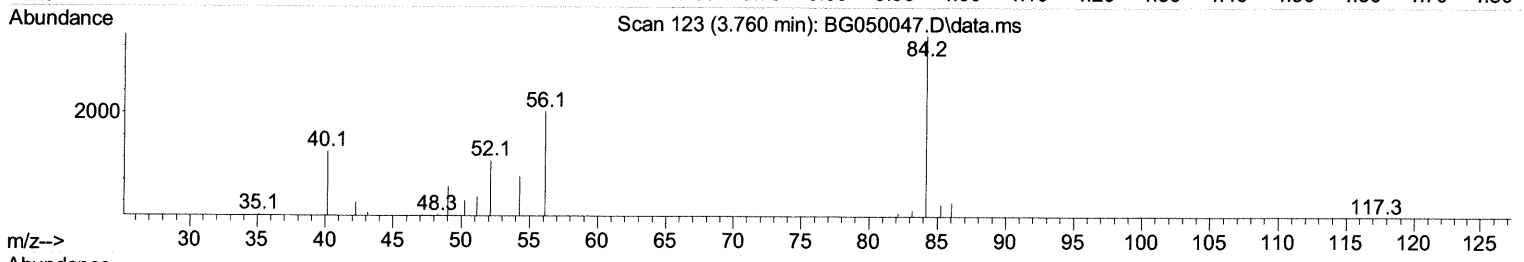
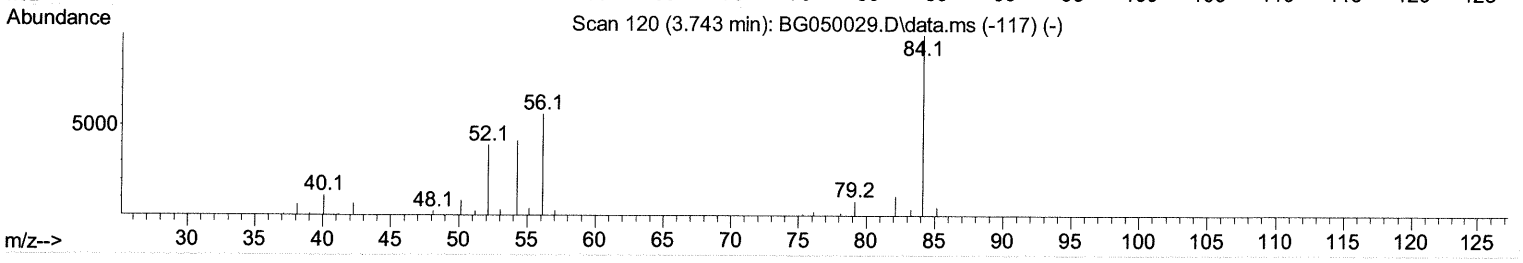
Manual Integrations APPROVED
mohammad
8/31/2021 11:35:59 AM







TIC: BG050047.D\data.ms

(4) Pyridine-d5 (S)

3.760min (+ 0.018) 3.53 ng/ul m 09/01/21 JU

response 6772

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	59.75
54.00	37.00	25.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 31 Aug 2021 2:42
Operator : CG/JU
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Instrument :
BNA_G
ClientSampleId :
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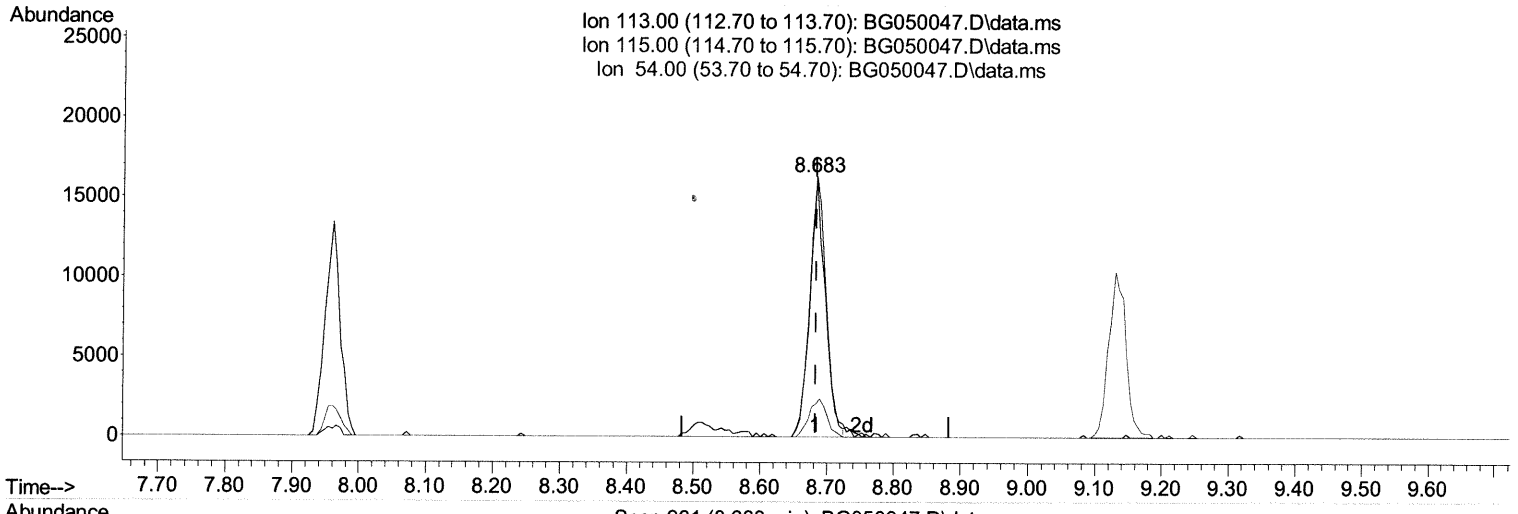
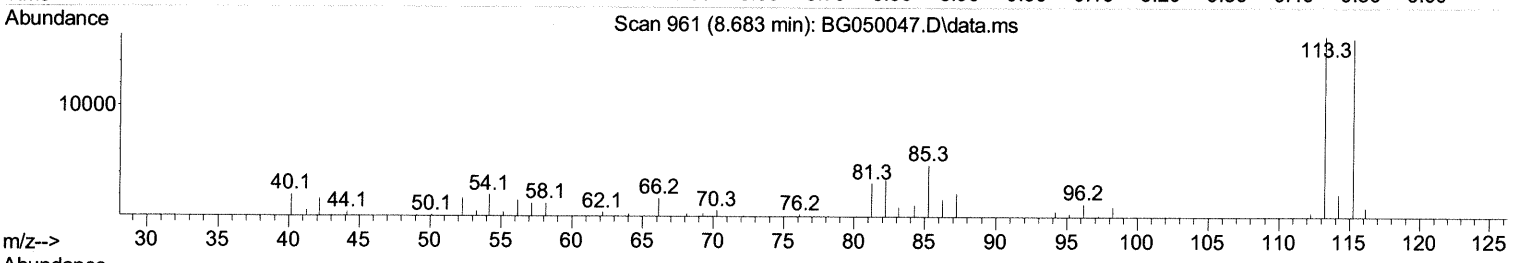
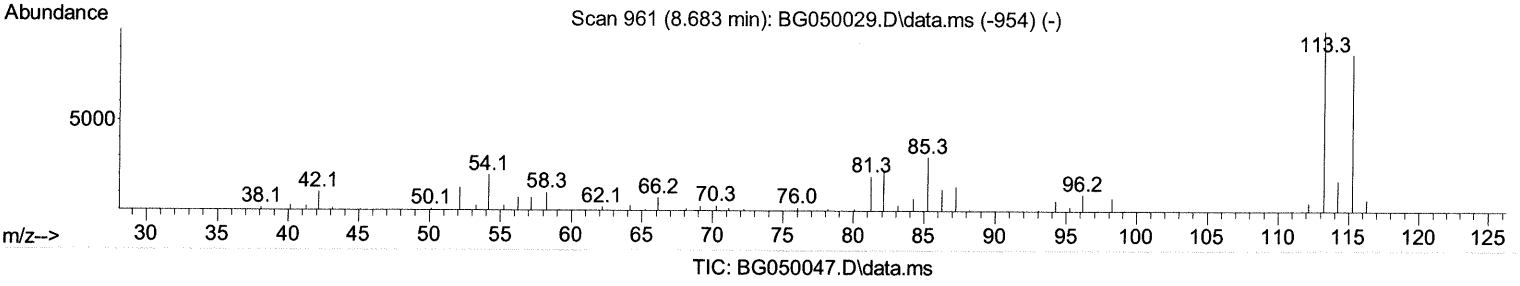
Manual Integrations APPROVED
mohammad
8/31/2021 11:35:59 AM







TIC: BG050047.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.683min (-0.000) 12.72 ng/ul

response 27979

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	91.90	98.55
54.00	14.30	12.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050047.D
Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

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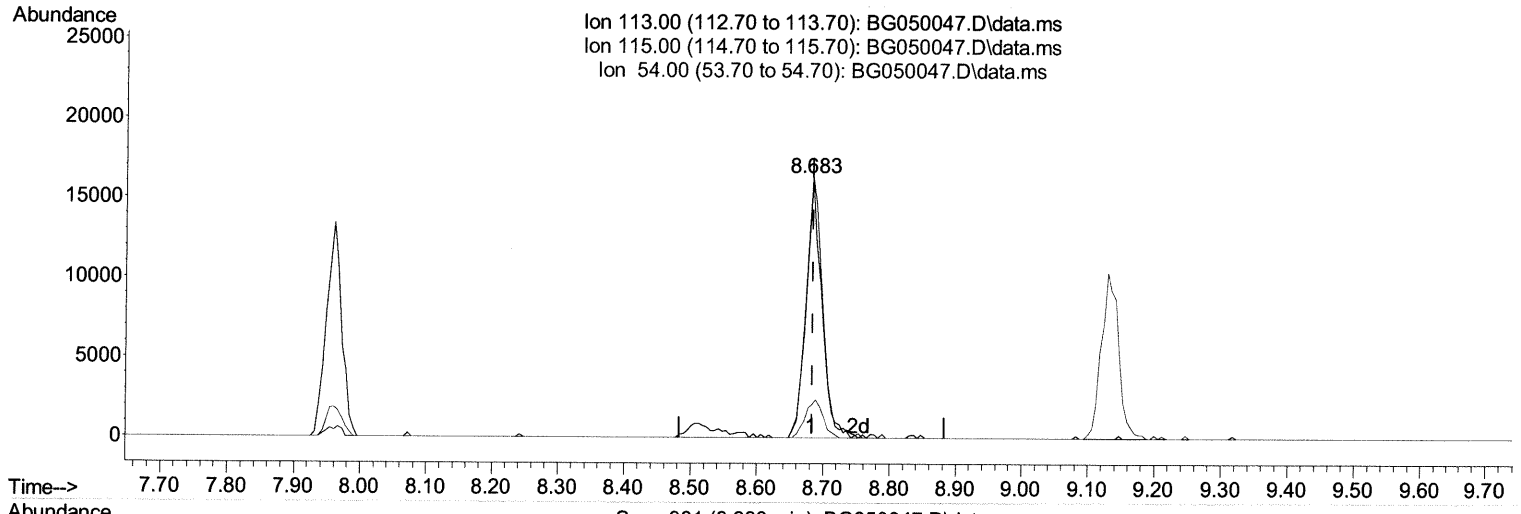
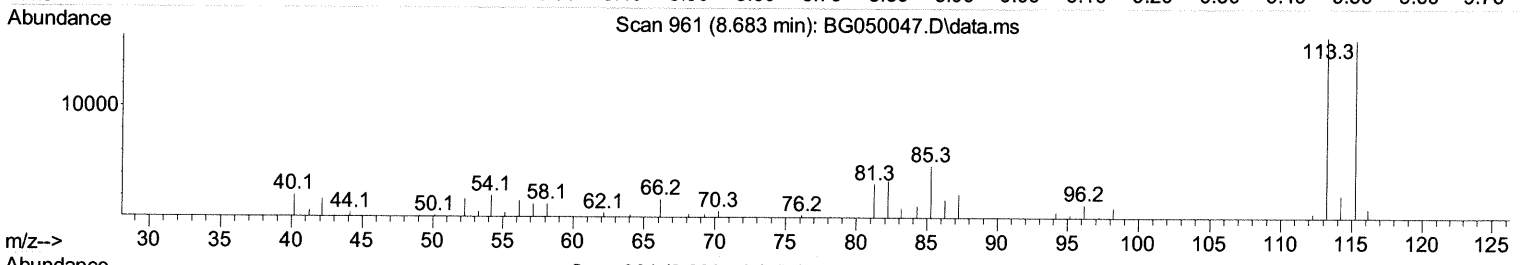
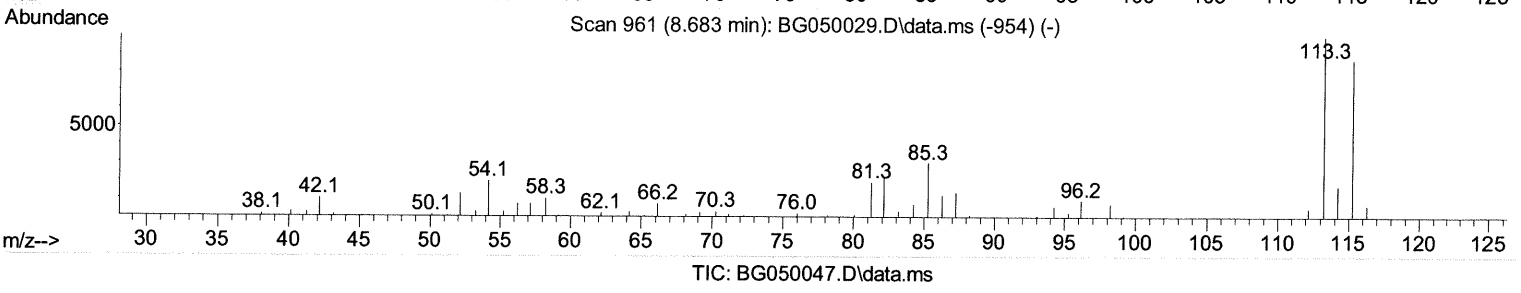
Instrument :
BNA_G
ClientSampleId :
C0AC2

Manual Integrations APPROVED
mohammad
8/31/2021 11:35:59 AM







TIC: BG050047.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.683min (-0.000) 12.87 ng/ul m 09/01/21 JU

response 28313

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	91.90	98.55
54.00	14.30	12.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050047.D
Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 31 04:29:39 2021
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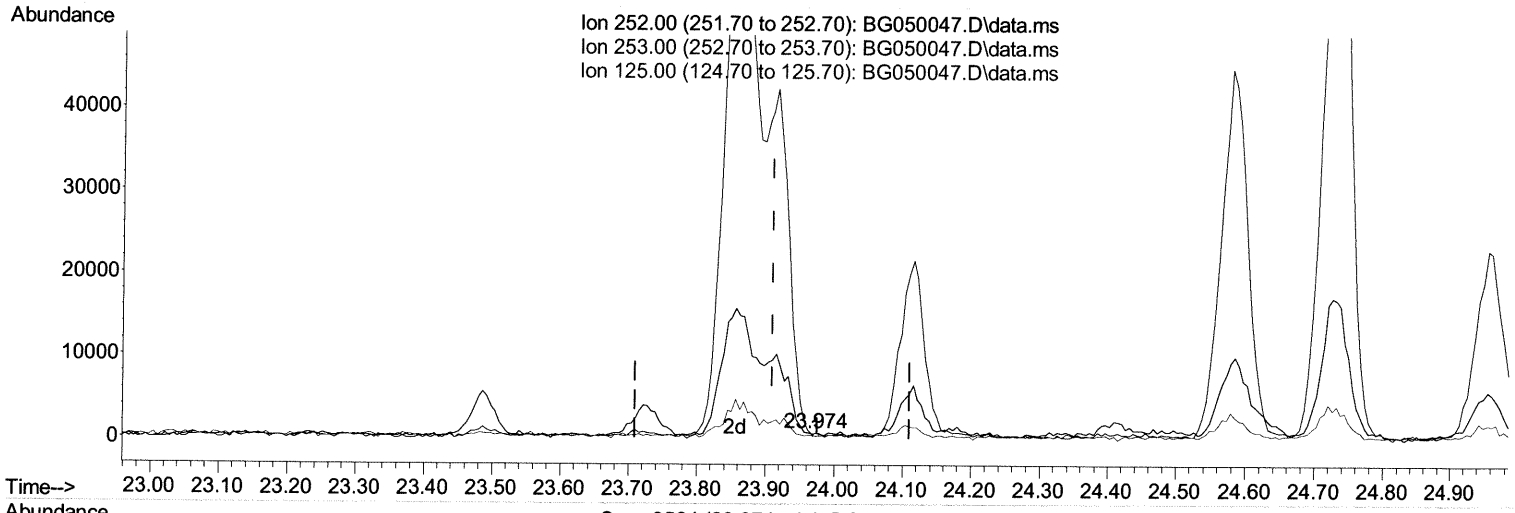
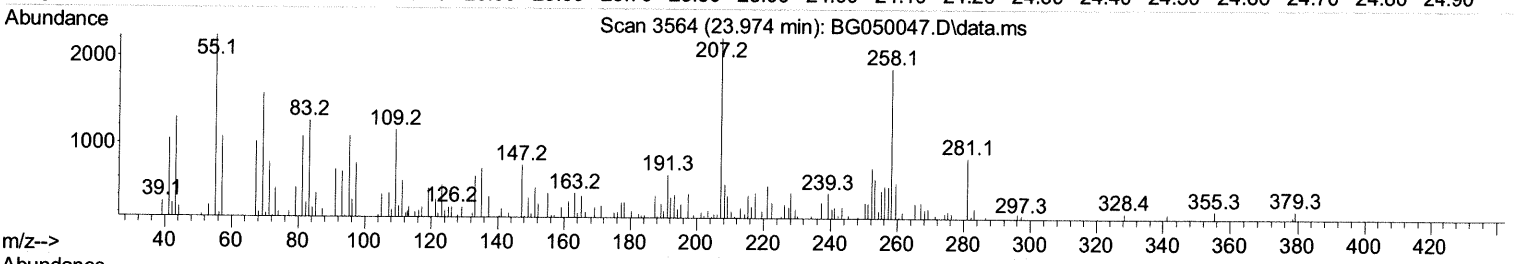
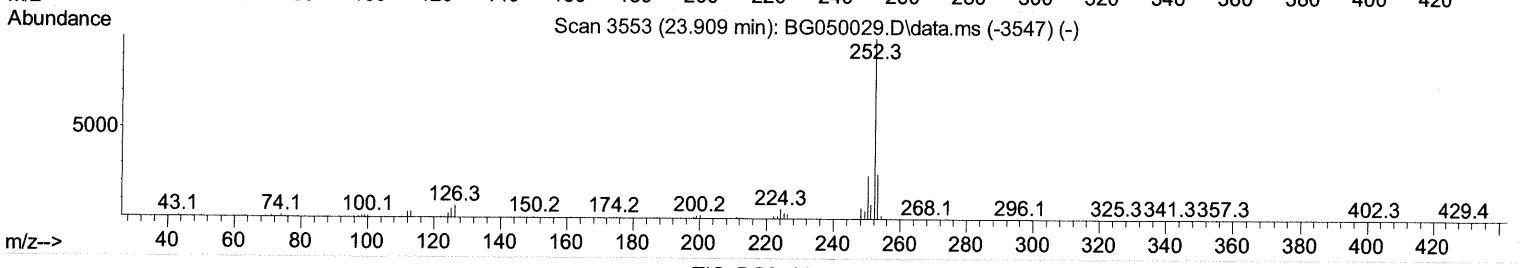
Instrument :
BNA_G
ClientSampleId :
C0AC2

Manual Integrations APPROVED
mohammad
8/31/2021 11:35:59 AM







TIC: BG050047.D\data.ms

(91) Benzo(k)fluoranthene

23.974min (+ 0.064) 0.03 ng/ul

response 299

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	82.85#
125.00	5.10	36.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

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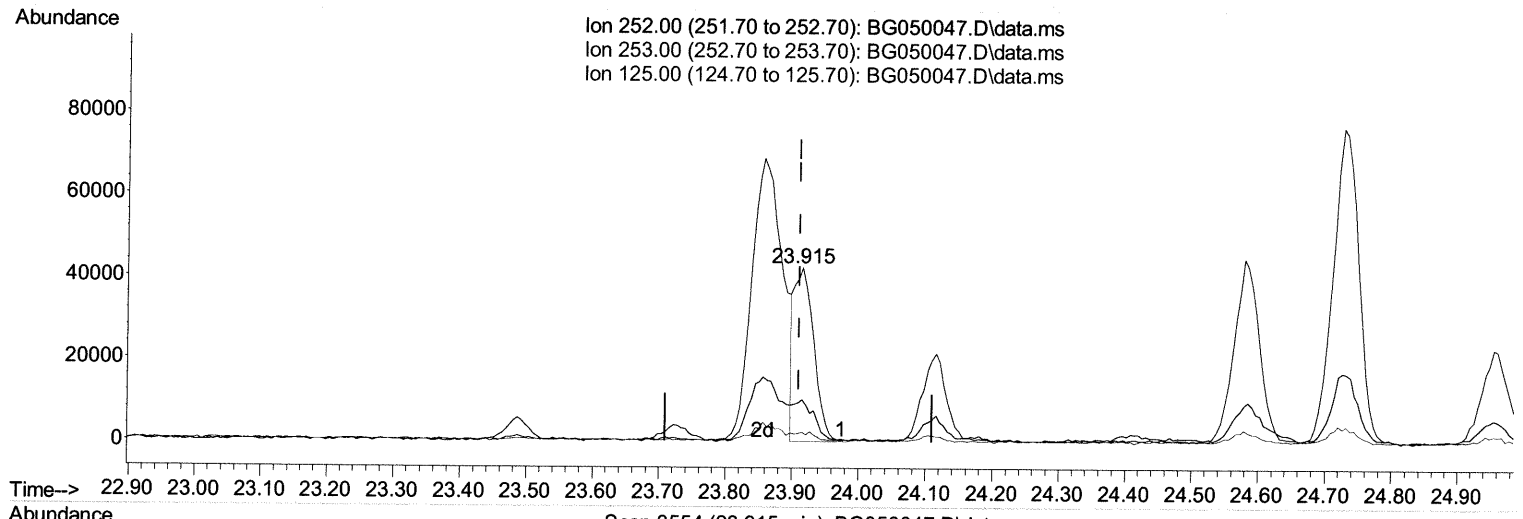
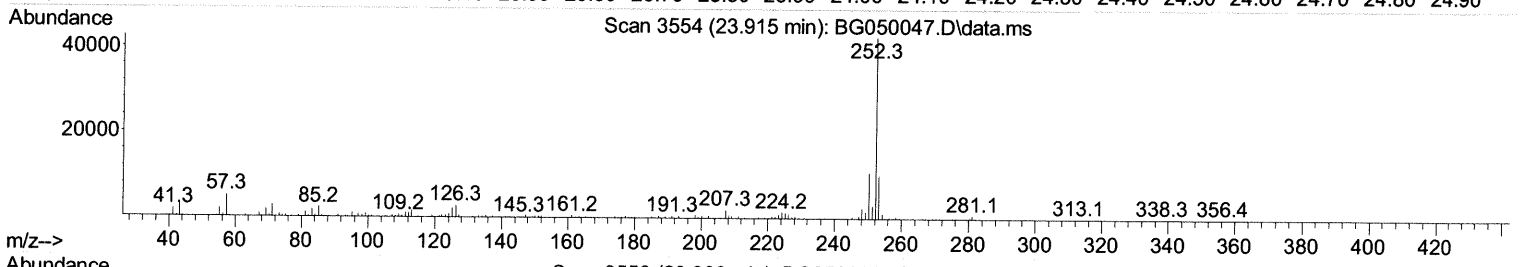
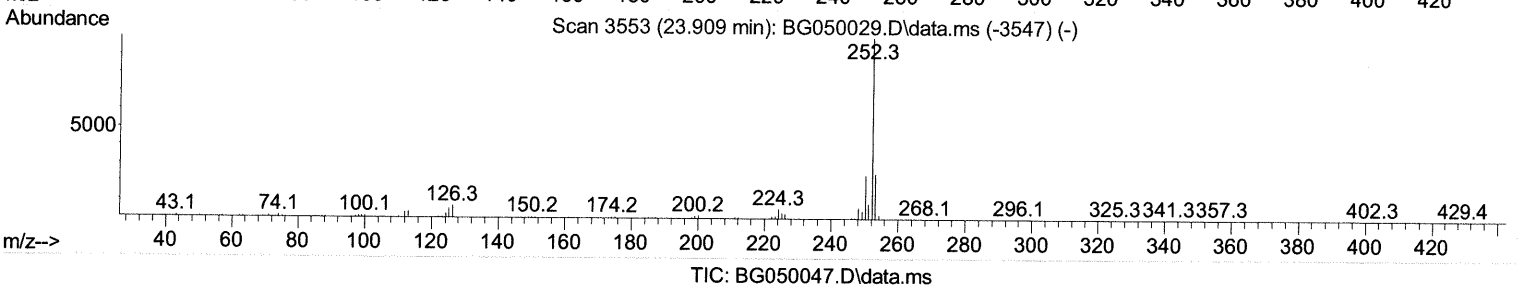
Manual Integrations APPROVED
mohammad
8/31/2021 11:35:59 AM







TIC: BG050047.D\data.ms

(91) Benzo(k)fluoranthene

23.915min (+ 0.006) 8.20 ng/ul m 09/01/21 JU

response 86137

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.06
125.00	5.10	5.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
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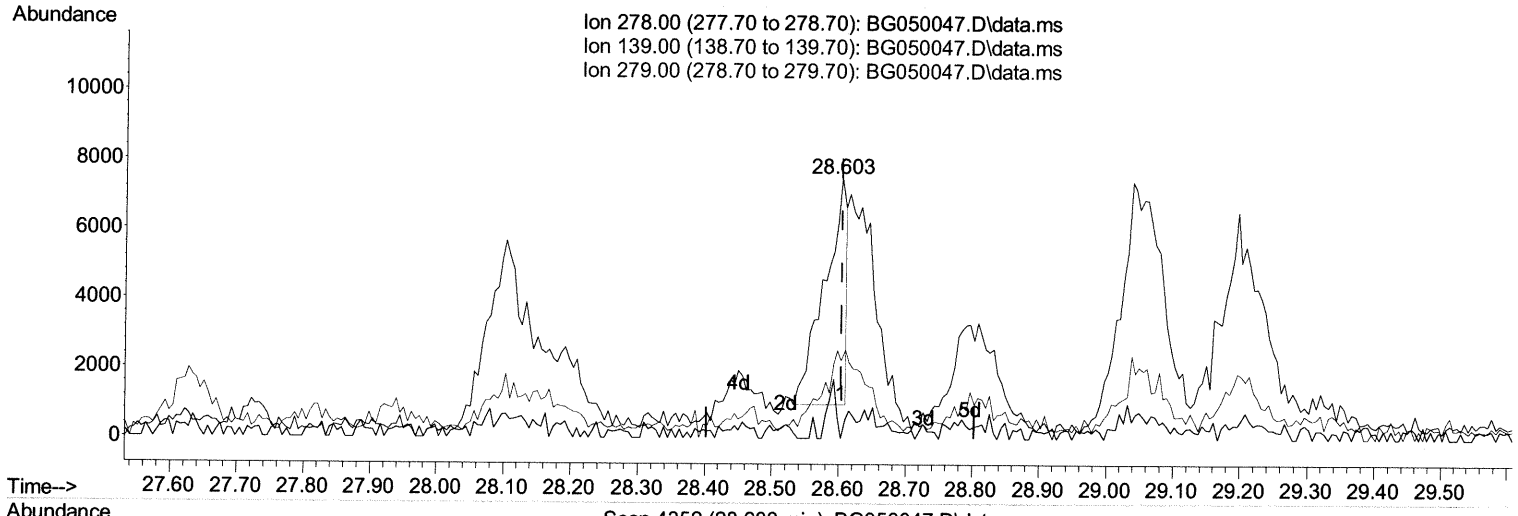
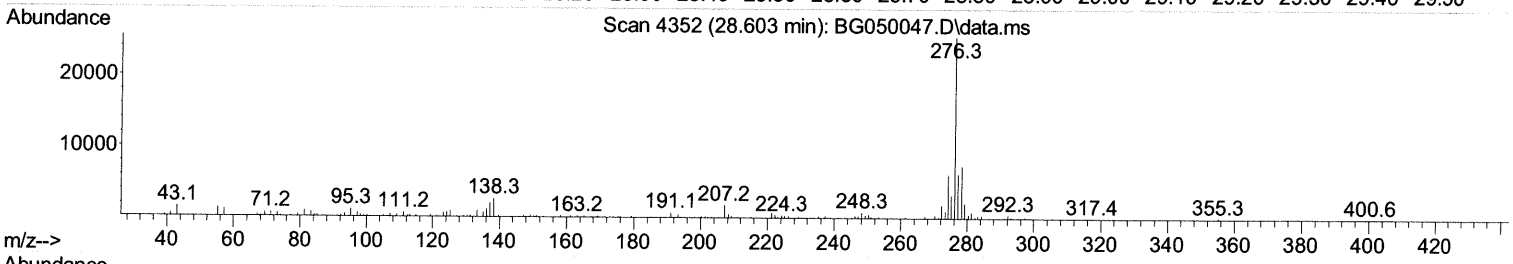
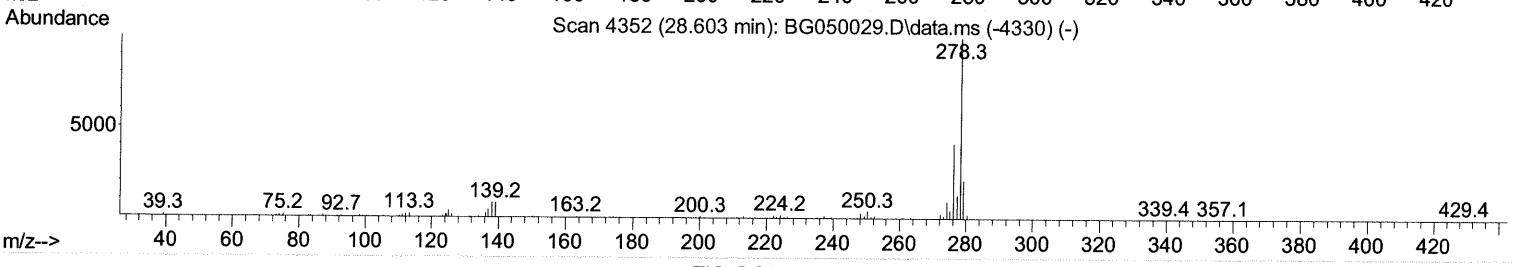
BNA_G
ClientSampleId :
C0AC2

Manual Integrations APPROVED
mohammad
8/31/2021 11:35:59 AM







TIC: BG050047.D\data.ms

(95) Dibenzo(a,h)anthracene

28.603min (-0.000) 1.41 ng/ul

response 14935

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	0.00#
279.00	23.70	29.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
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Manual Integrations APPROVED
mohammad
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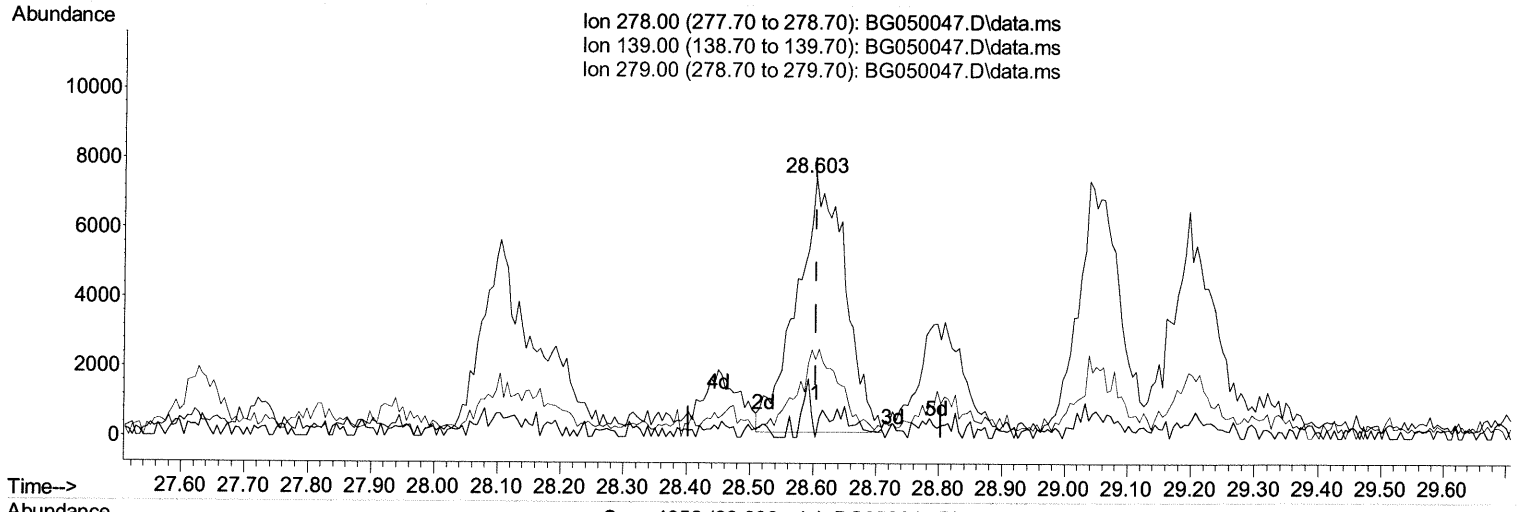

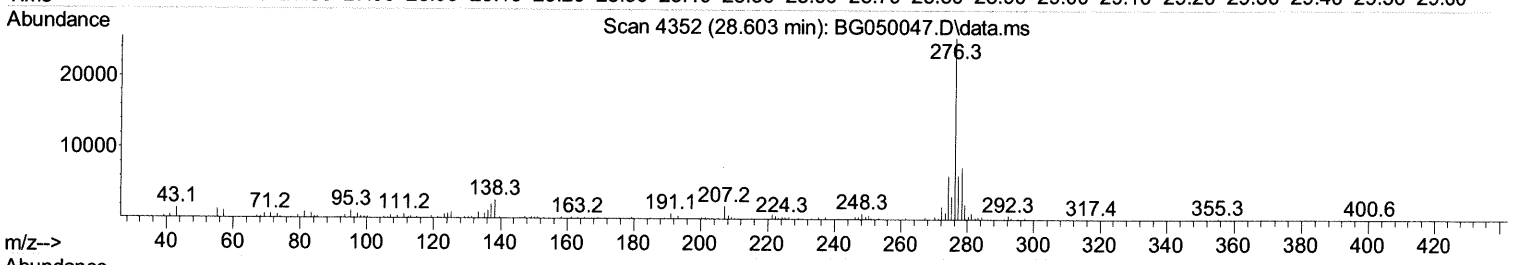

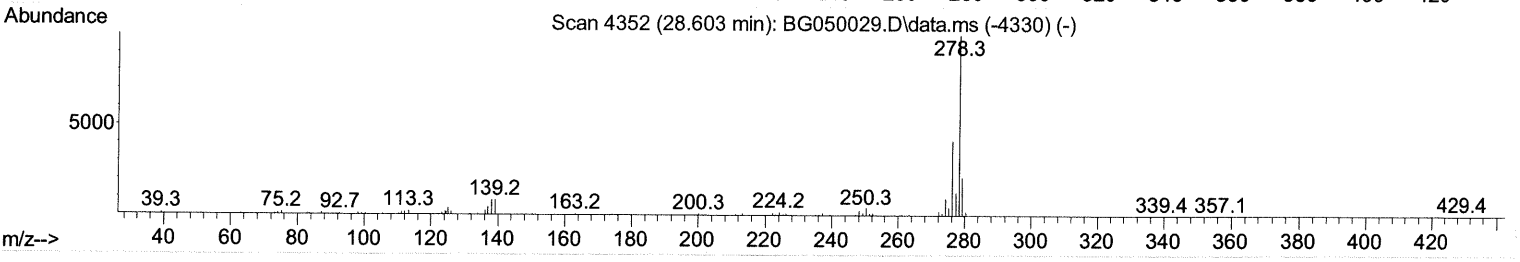

TIC: BG050047.D\data.ms

(95) Dibenzo(a,h)anthracene

28.603min (-0.000) 3.73 ng/ul m 09/01/21 JU

response 39463

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	0.00#
279.00	23.70	29.74#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
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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	7.960	152	32883	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	136790	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	94841	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	190217	20.000	ng/ul	0.00
79) Chrysene-d12	21.653	240	169025	20.000	ng/ul	0.00
88) Perylene-d12	24.884	264	172677	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	1639	2.570	ng/uL	0.00
4) Pyridine-d5	3.760	84	6772m >	3.526	ng/ul >	0.02 09/01/21 JU
7) Phenol-d5	7.132	99	36281	12.993	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.279	67	19596	12.632	ng/ul	0.00
11) 2-Chlorophenol-d4	7.490	132	27946	13.376	ng/ul	0.00
15) 4-Methylphenol-d8	8.683	113	28313m >	12.875	ng/ul >	0.00 09/01/21 JU
21) Nitrobenzene-d5	9.135	128	15431	14.551	ng/ul	0.00
24) 2-Nitrophenol-d4	9.858	143	17124	13.561	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	34571	15.349	ng/ul	0.00
31) 4-Chloroaniline-d4	10.921	131	25926	8.457	ng/ul	0.00
46) Dimethylphthalate-d6	14.023	166	111320	15.337	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	140975	16.565	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	13926	13.261	ng/ul	0.01
60) Fluorene-d10	15.620	176	102195	16.606	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	10740	8.776	ng/ul	0.00
73) Anthracene-d10	17.477	188	156378	18.308	ng/ul	0.00
81) Pyrene-d10	19.768	212	173974	19.047	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.661	264	162269	17.713	ng/ul	0.01
Target Compounds						Qvalue
30) Naphthalene	10.833	128	14071	2.058	ng/ul#	91
36) 2-Methylnaphthalene	12.442	142	8960	1.763	ng/ul	90
37) 1-Methylnaphthalene	12.666	142	7490	1.460	ng/ul#	76
50) Acenaphthylene	14.346	152	34559	4.443	ng/ul	96
56) Dibenzofuran	15.021	168	10014	1.282	ng/ul	88
61) Fluorene	15.673	166	9472	1.437	ng/ul	97
72) Phenanthrene	17.418	178	112870	11.903	ng/ul	99
74) Anthracene	17.512	178	33932	3.531	ng/ul	99
77) Carbazole	17.782	167	15564	1.820	ng/ul	98
80) Fluoranthene	19.433	202	263282	23.359	ng/ul	98
82) Pyrene	19.797	202	232898	20.852	ng/ul	100
85) Benzo(a)anthracene	21.636	228	137027	13.011	ng/ul	99
87) Chrysene	21.695	228	122754	12.330	ng/ul	96
90) Benzo(b)fluoranthene	23.856	252	225506	20.416	ng/ul#	98
91) Benzo(k)fluoranthene	23.915	252	86137m >	8.204	ng/ul >	09/01/21 JU
93) Benzo(a)pyrene	24.726	252	209018	21.790	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.585	276	160152	12.657	ng/ul	96
95) Dibenzo(a,h)anthracene	28.603	278	39463m >	3.725	ng/ul >	09/01/21 JU
96) Benzo(g,h,i)perylene	29.743	276	137510	12.926	ng/ul#	91

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