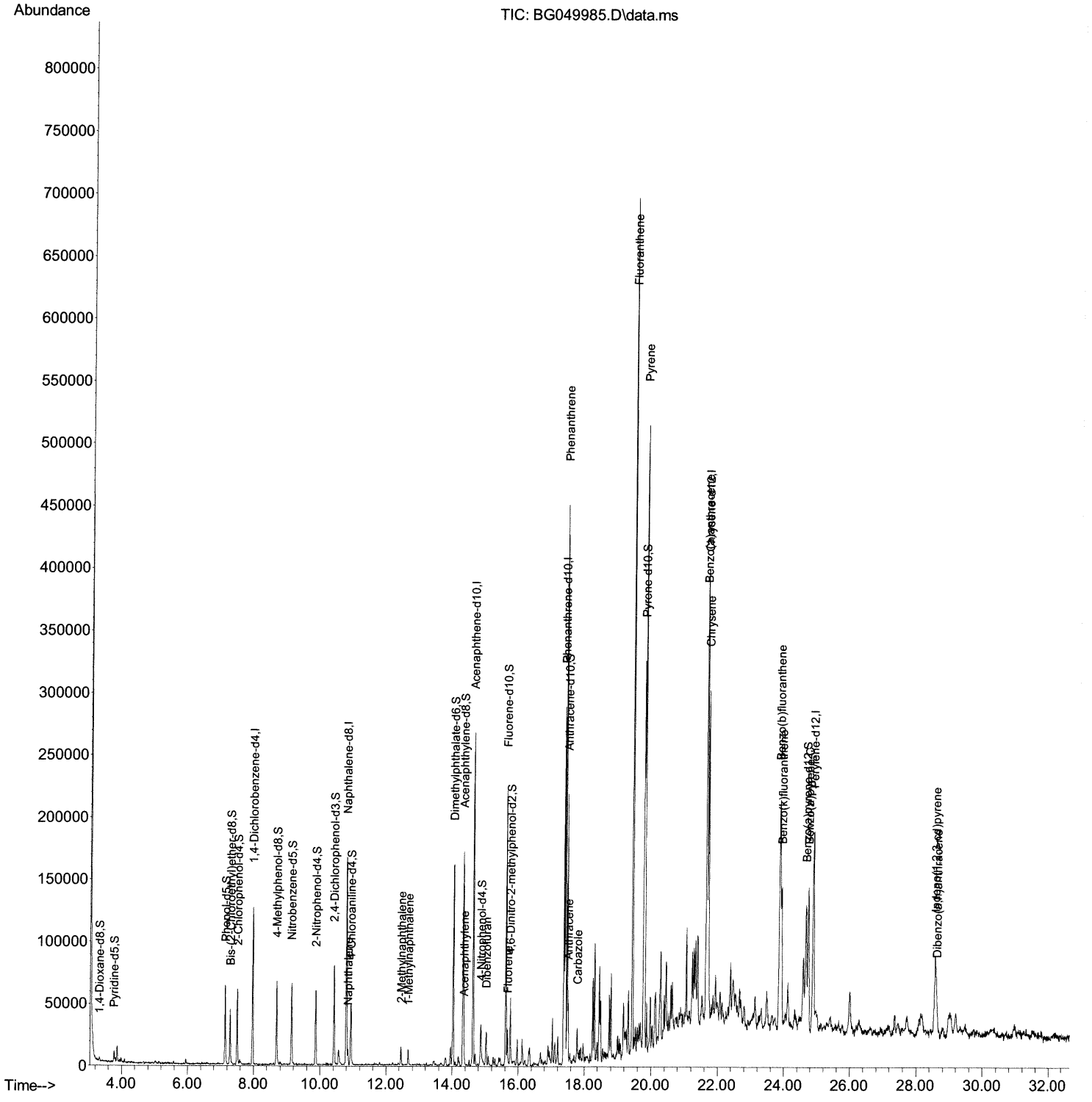
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049985.D
Acq On : 26 Aug 2021 21:37
Operator : CG/JU
Sample : M3458-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 27 02:01:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AW8

Manual Integrations APPROVED
mohammad
8/27/2021 5:08:34 PM



Quantitation Report (Qedit)

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Data File : BG049985.D
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mohammad
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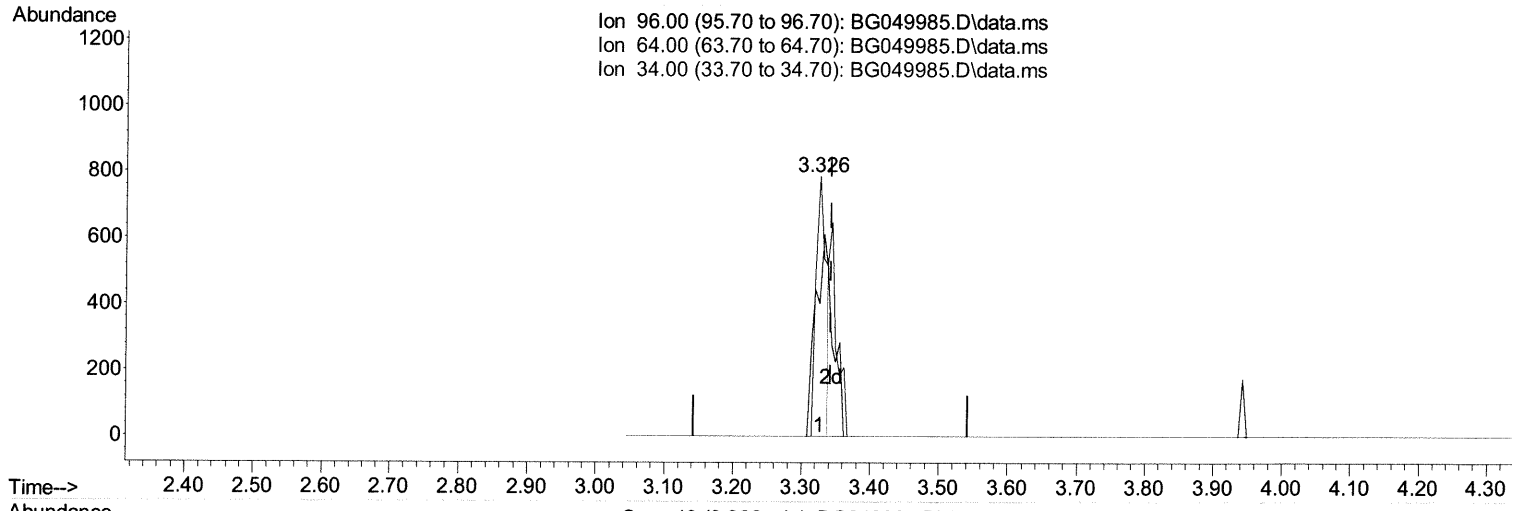

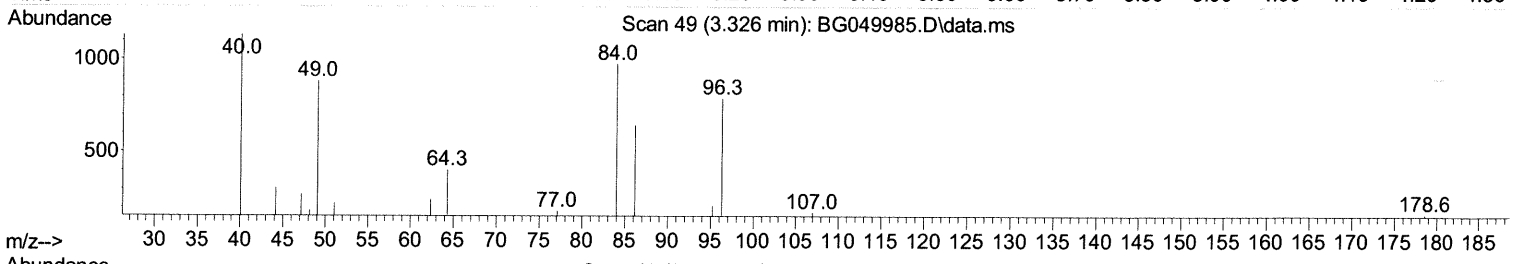

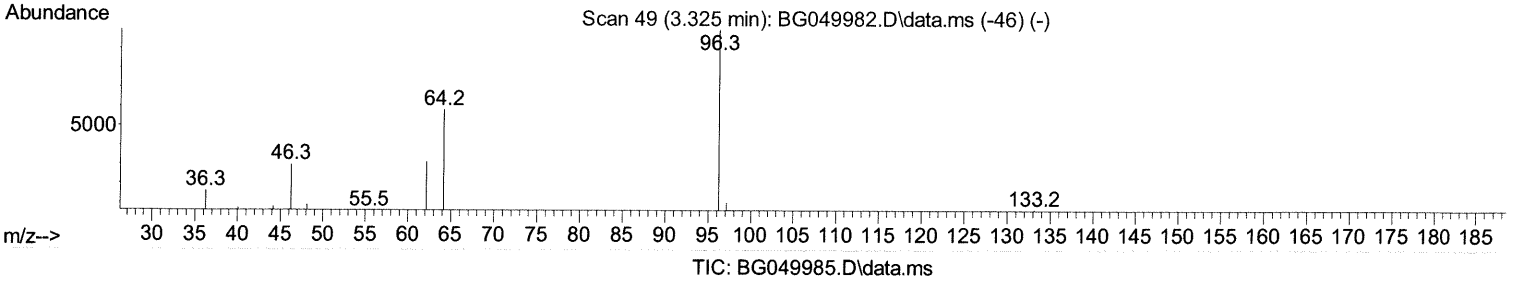

TIC: BG049985.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.326min (-0.017) 1.22 ng/uL

response 824

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	51.08
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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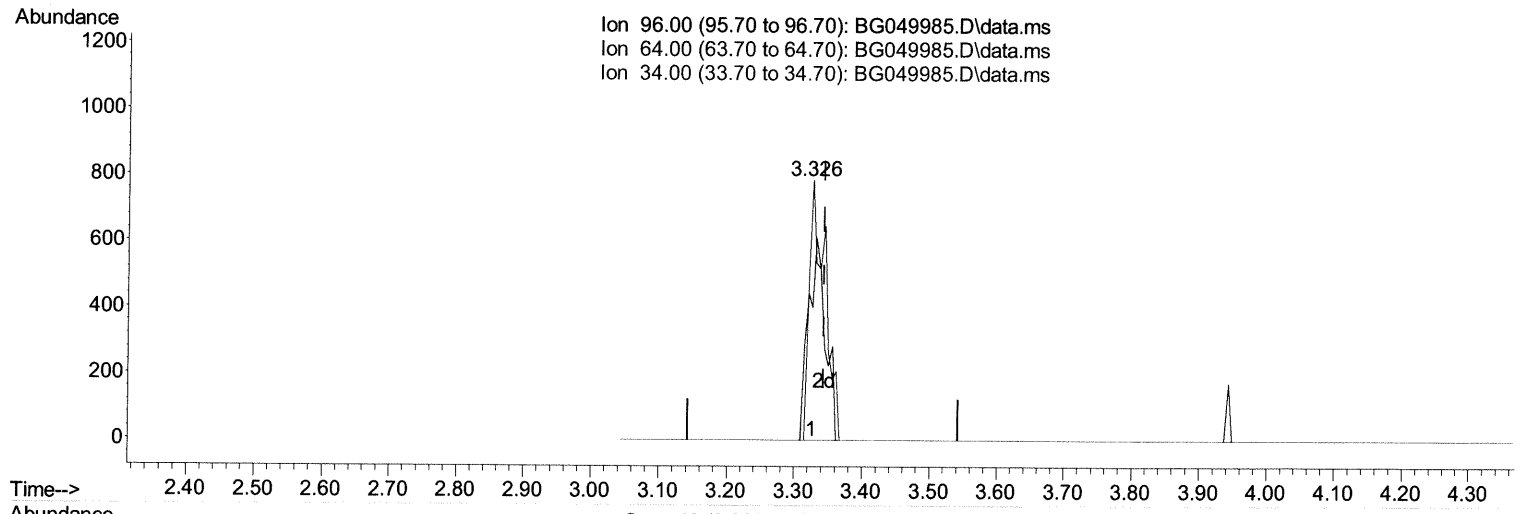
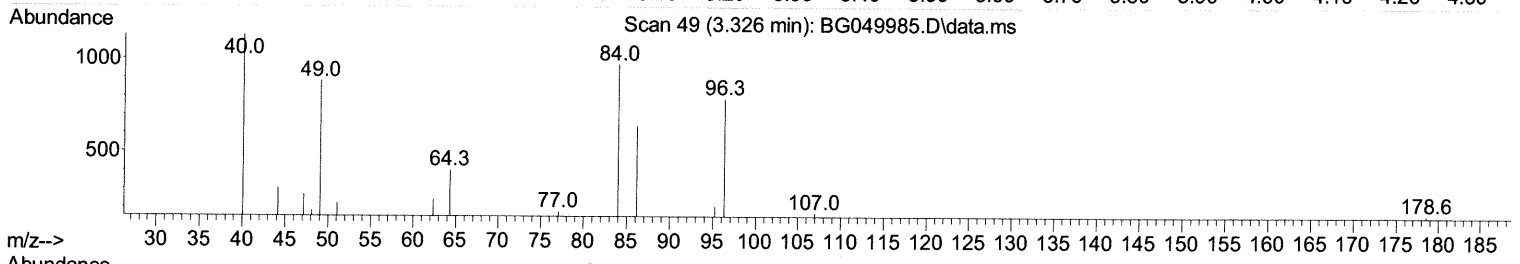
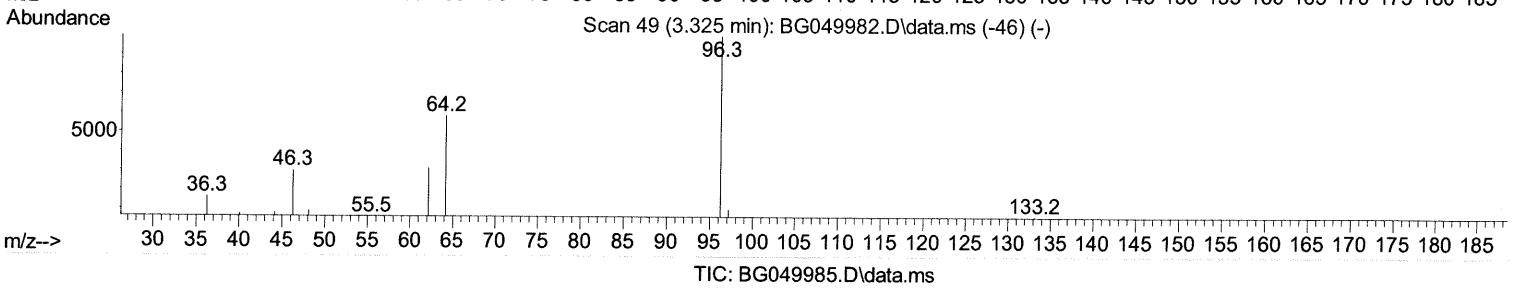
BNA_G
ClientSampleId :
C0AW8

Manual Integrations APPROVED
mohammad
8/27/2021 5:08:34 PM







TIC: BG049985.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.326min (-0.017) 1.90 ng/uL m 08/30/21 JU

response 1286

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	51.08
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Instrument :
BNA_G
ClientSampleId :
C0AW8

Manual Integrations APPROVED
mohammad
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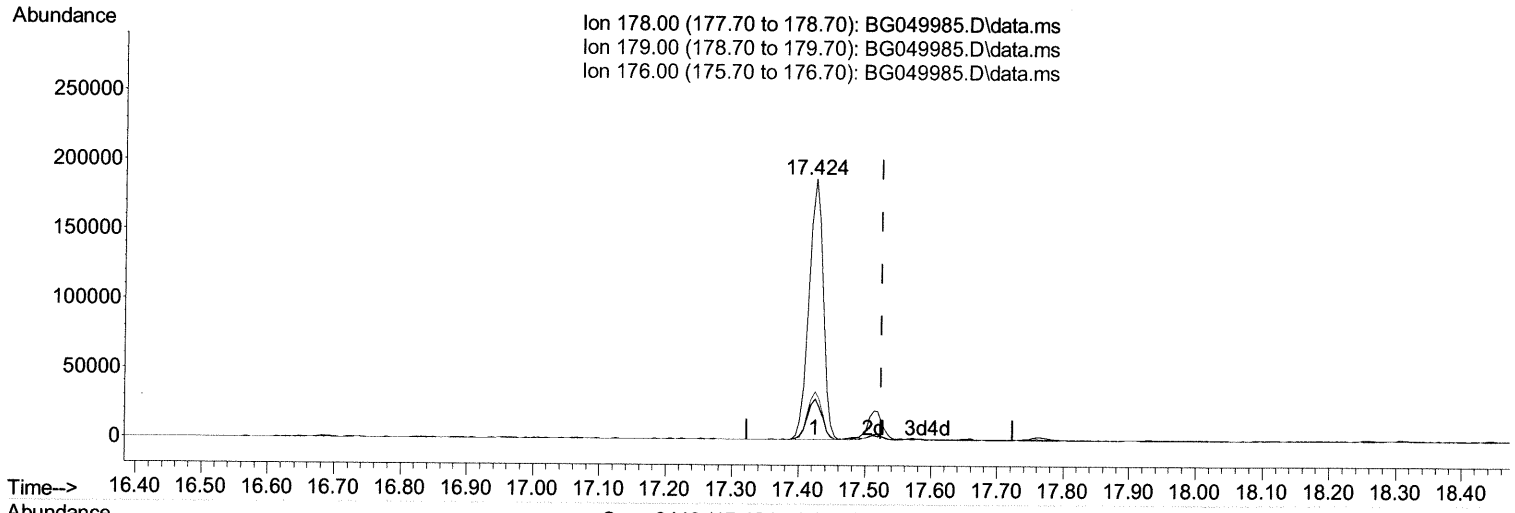

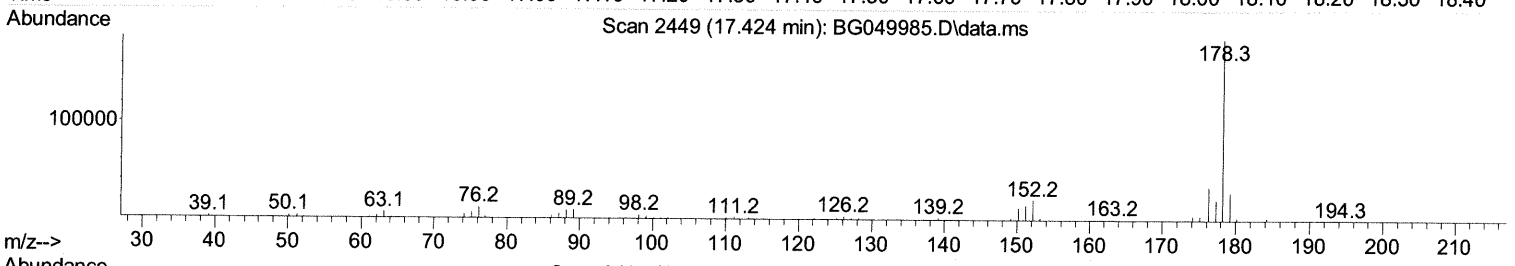

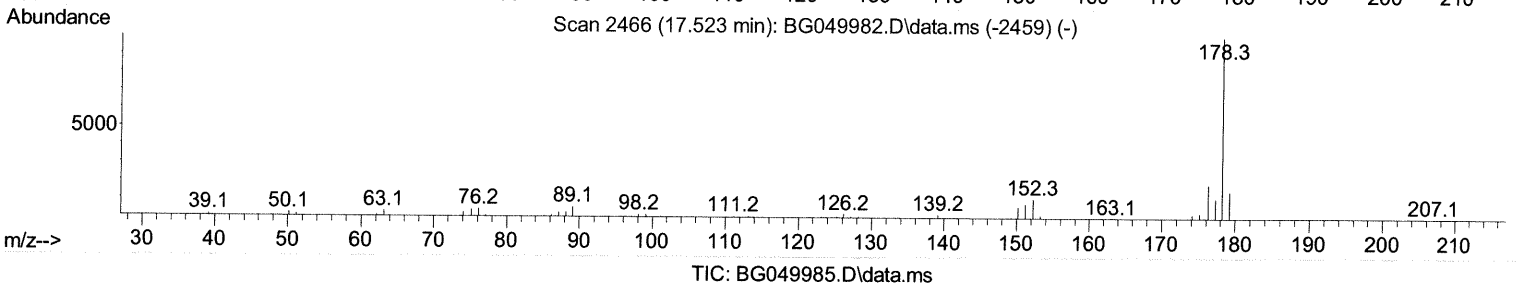

TIC: BG049985.D\data.ms

(74) Anthracene

17.424min (-0.099) 30.85 ng/ul

response 276274

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.20	15.42
176.00	16.00	18.33
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 26 Aug 2021 21:37
Operator : CG/JU
Sample : M3458-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 27 02:01:35 2021
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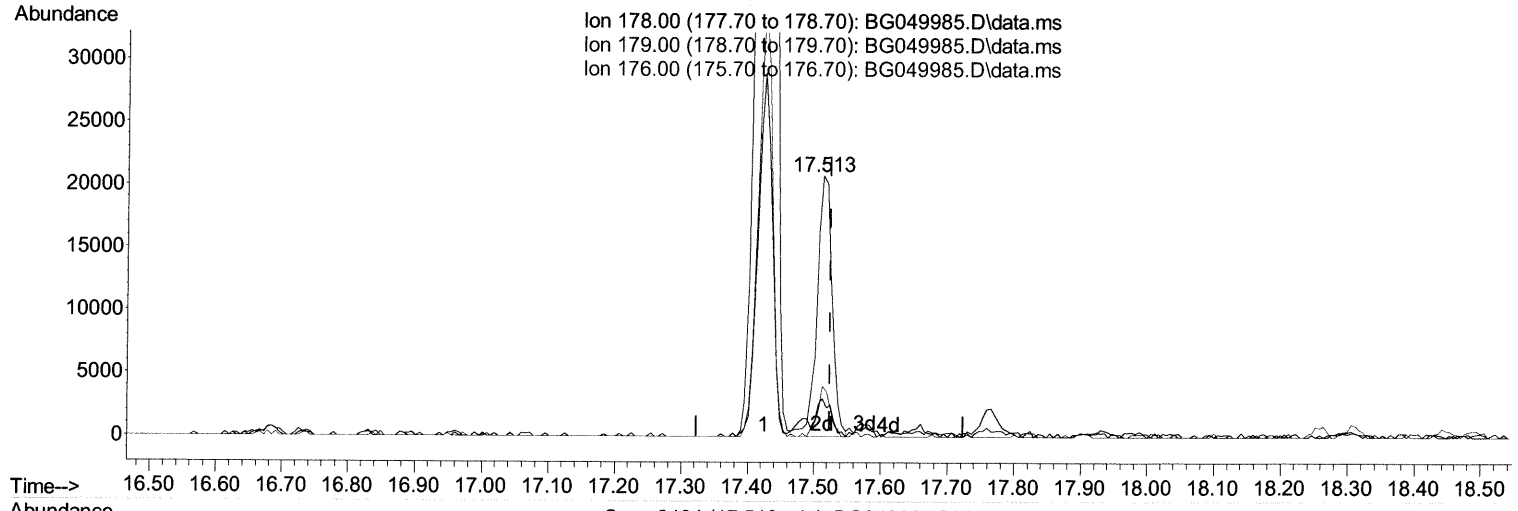
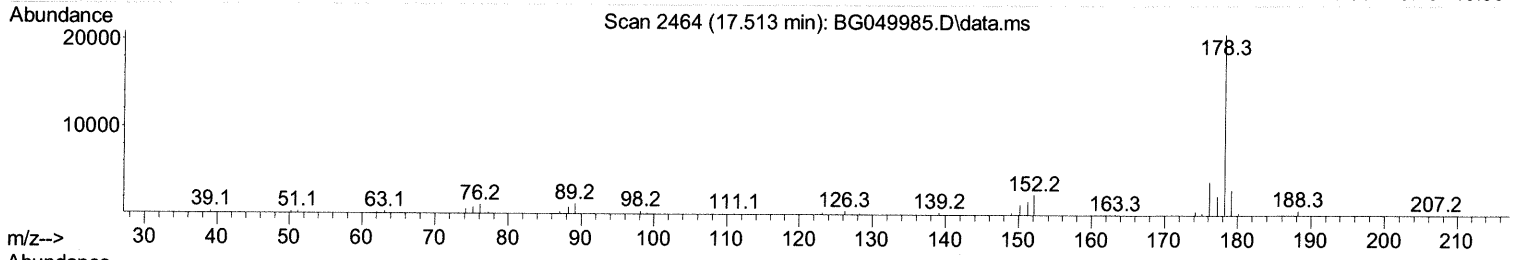
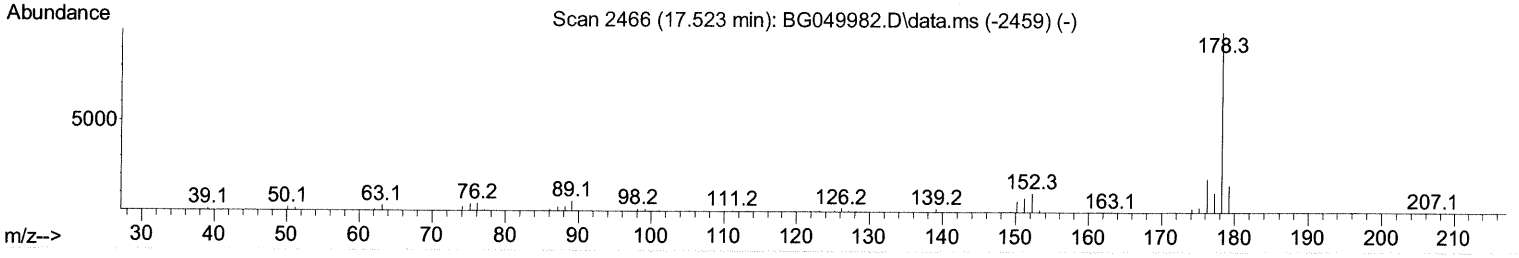
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AW8

Manual Integrations APPROVED
mohammad
8/27/2021 5:08:34 PM







TIC: BG049985.D\data.ms

(74) Anthracene

17.513min (-0.011) 3.64 ng/ul m 08/30/21 JU

response 32552

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.20	14.59
176.00	16.00	19.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : M3458-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 27 02:01:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
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Instrument :
BNA_G
ClientSampleId :
C0AW8

Manual Integrations APPROVED
mohammad
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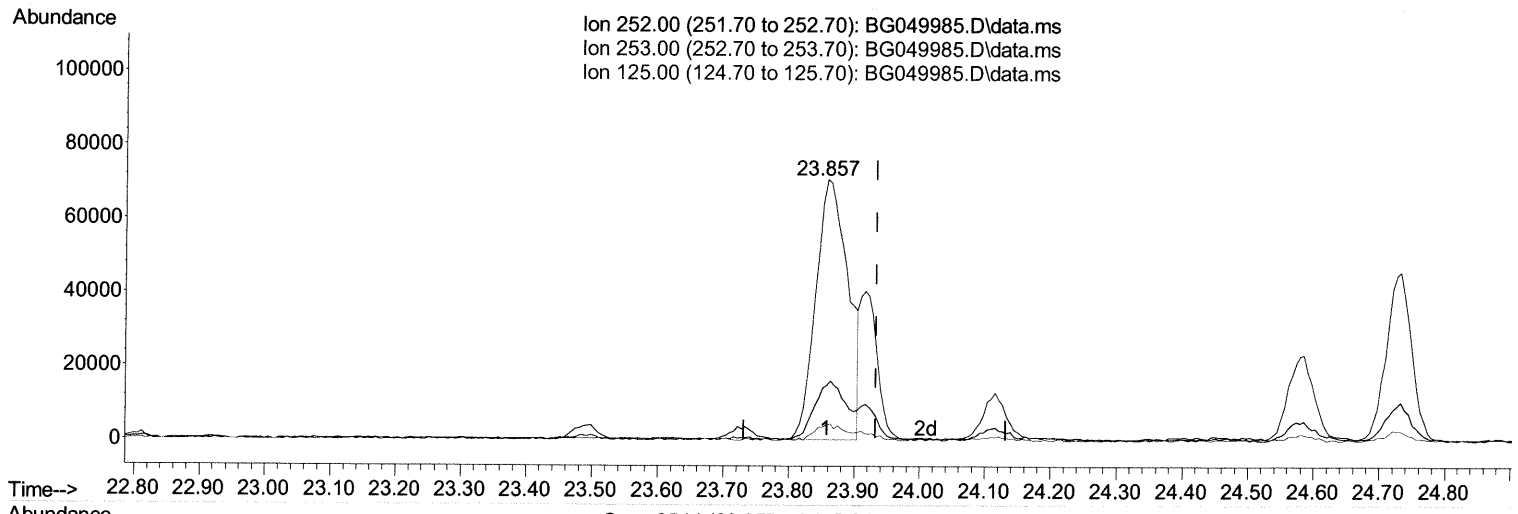

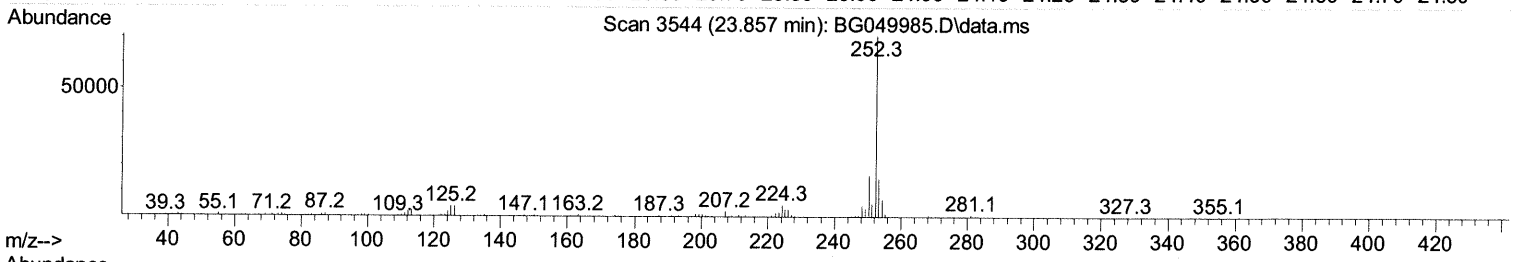

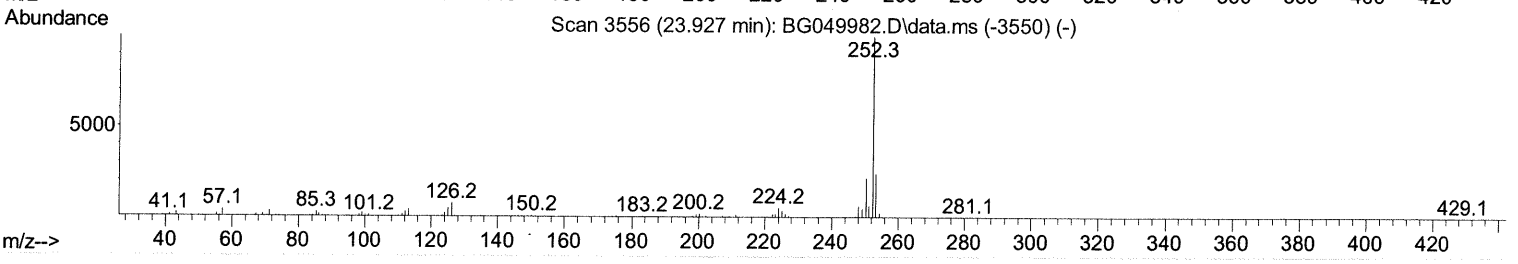

TIC: BG049985.D\data.ms

(91) Benzo(k)fluoranthene

23.857min (-0.075) 25.24 ng/ul

response 242276

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.09
125.00	5.10	5.89
0.00	0.00	0.00

Quantitation Report (Qedit)

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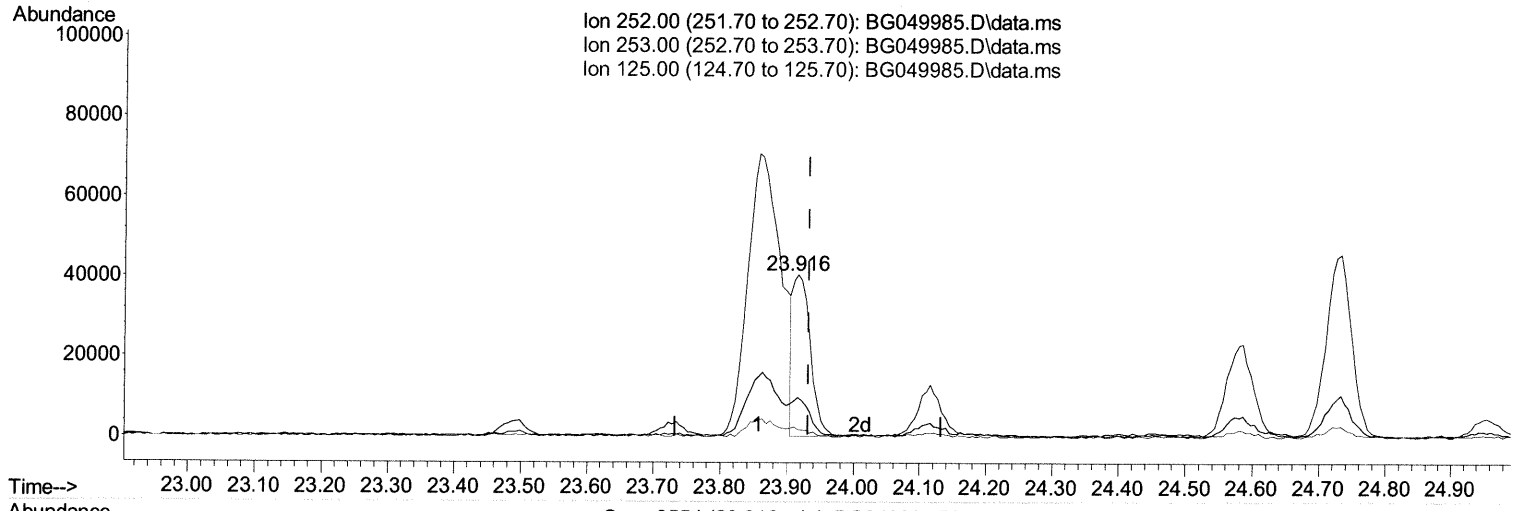
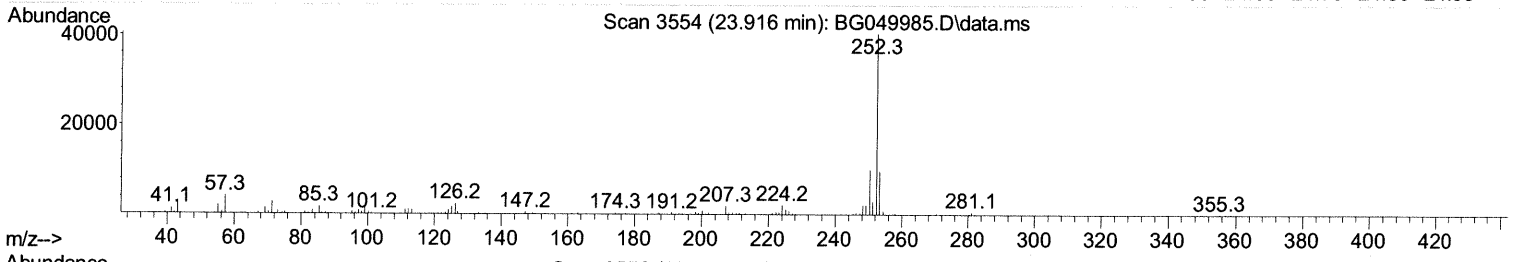
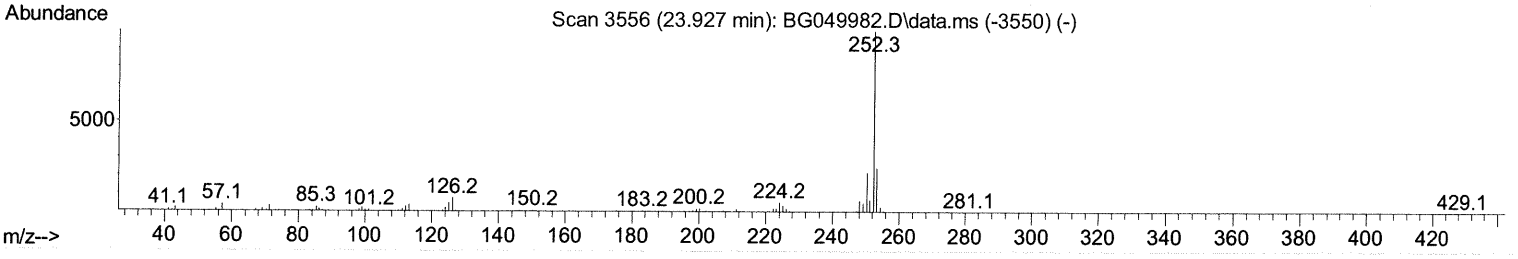
BNA_G
ClientSampleId :
C0AW8

Manual Integrations APPROVED
mohammad
8/27/2021 5:08:34 PM







TIC: BG049985.D\data.ms

(91) Benzo(k)fluoranthene

23.916min (-0.017) 7.56 ng/ul m 08/30/21 JU

response 72598

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.28
125.00	5.10	4.51
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual Integrations APPROVED
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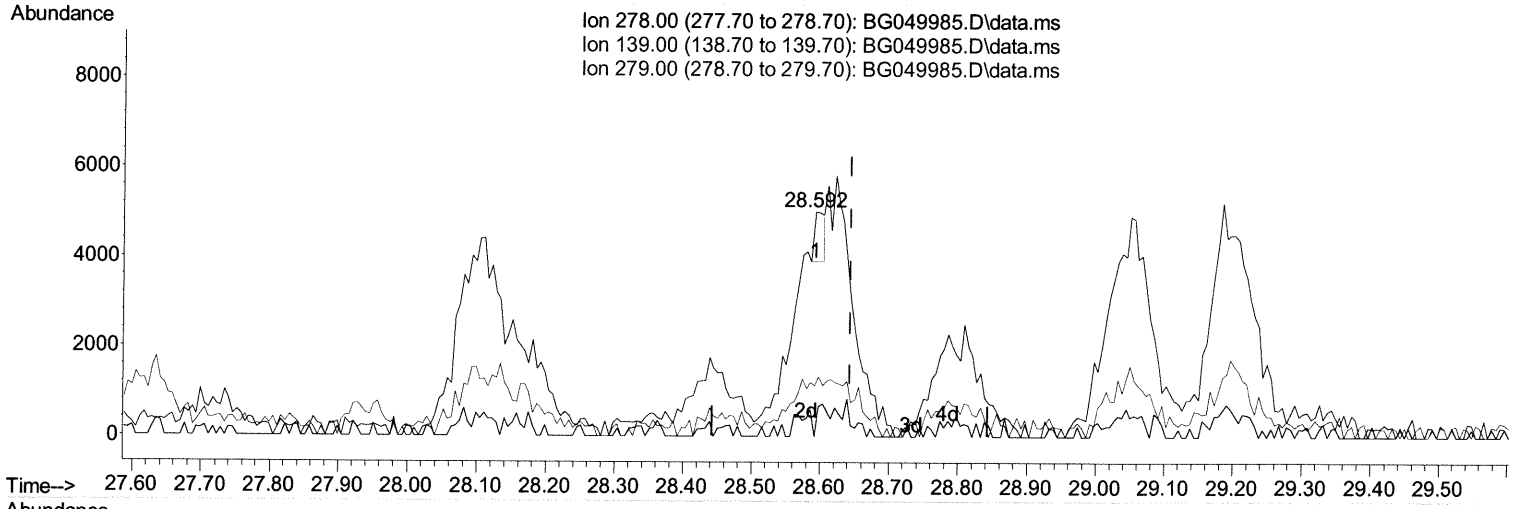
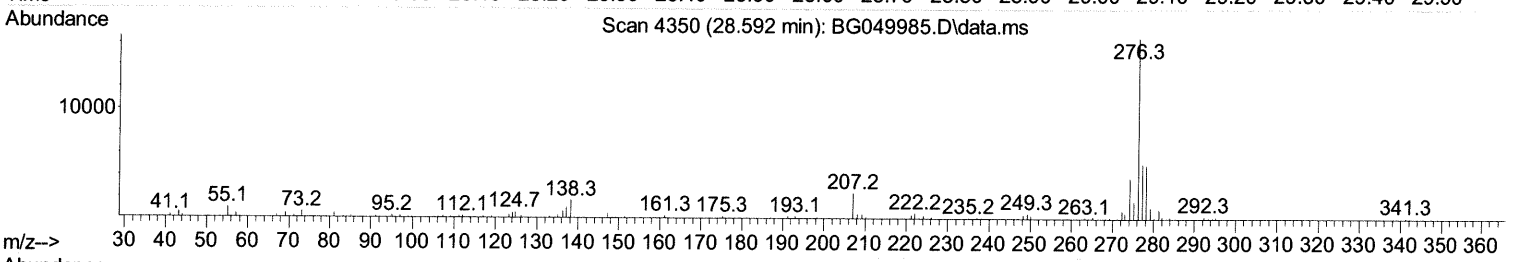
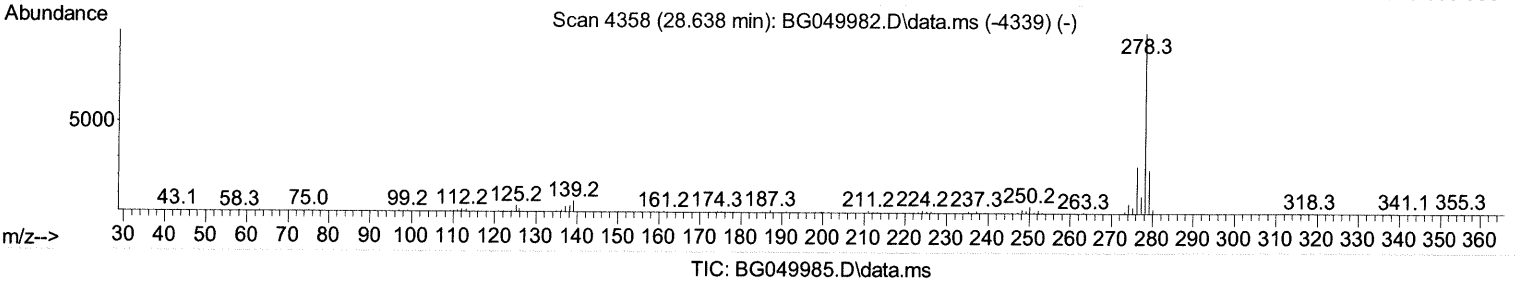
8/27/2021 5:08:34 PM







TIC: BG049985.D\data.ms

(95) Dibenzo(a,h)anthracene

28.592min (-0.052) 0.12 ng/ul

response 1149

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	0.00#
279.00	23.70	22.62
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
mohammad
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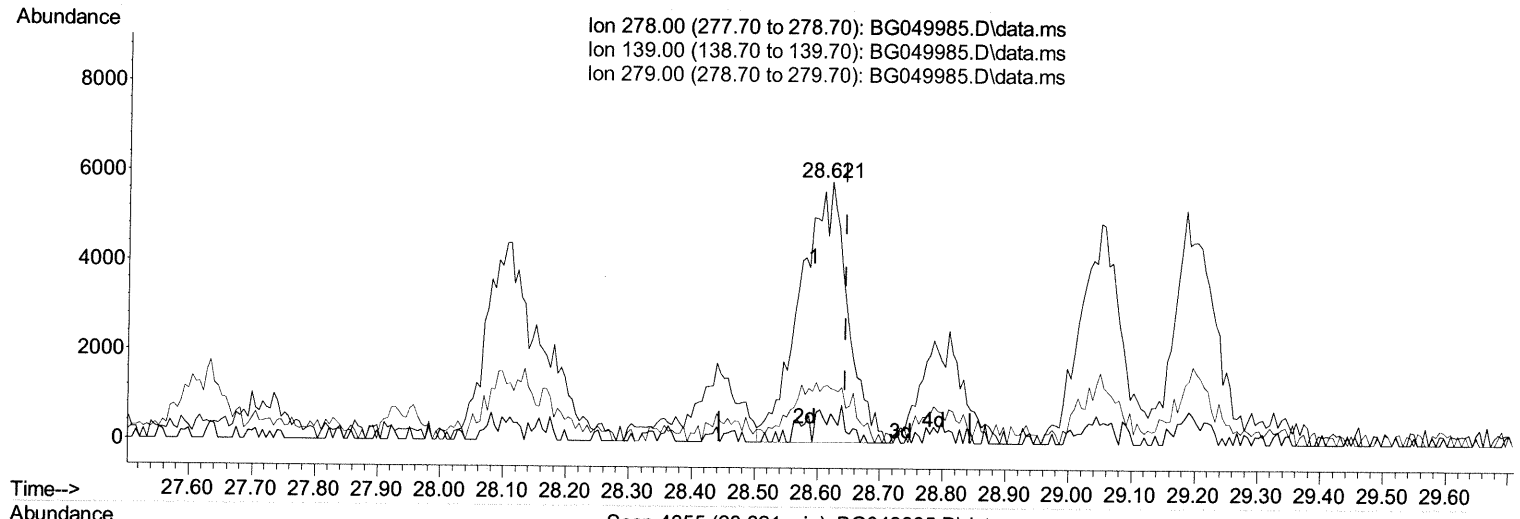

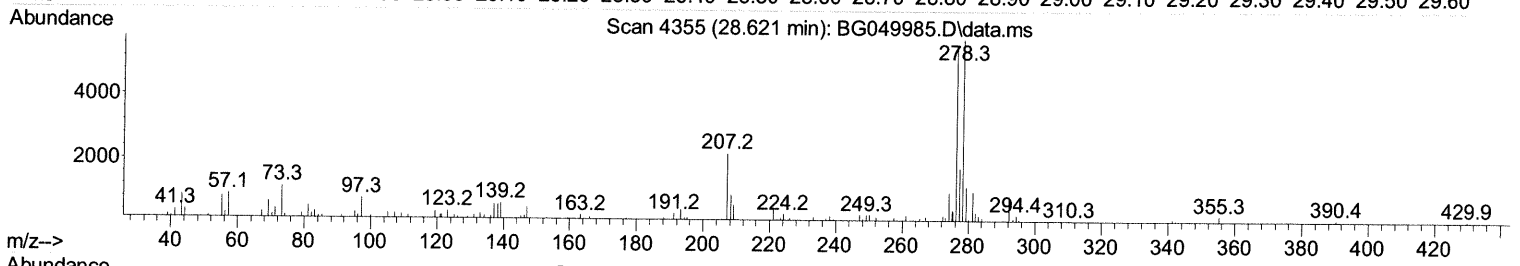

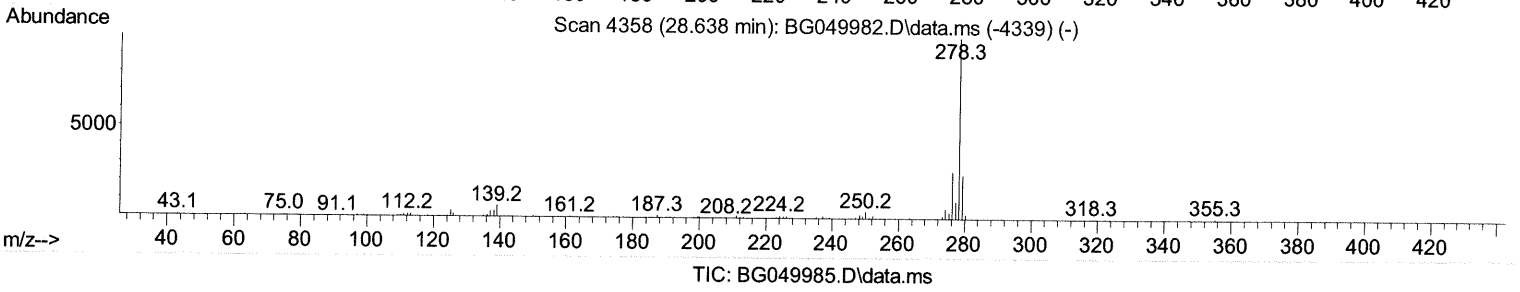

TIC: BG049985.D\data.ms

(95) Dibenzo(a,h)anthracene

28.621min (-0.022) 3.13 ng/ul m 08/30/21 JU

response 30355

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	11.01#
279.00	23.70	20.71
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.967	152	34965	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.786	136	141237	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.628	164	92308	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.383	188	177260	20.000	ng/ul	-0.01
79) Chrysene-d12	21.654	240	151444	20.000	ng/ul	-0.01
88) Perylene-d12	24.885	264	157865	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	1286m	1.897	ng/uL	-0.02
4) Pyridine-d5	3.772	84	6270	3.070	ng/ul	0.00
7) Phenol-d5	7.138	99	36509	12.296	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.291	67	21722	13.169	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.503	132	27949	12.581	ng/ul	-0.01
15) 4-Methylphenol-d8	8.689	113	25045	10.711	ng/ul	-0.01
21) Nitrobenzene-d5	9.142	128	15650	14.292	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.870	143	17156	13.158	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.416	165	30838	13.261	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.927	131	28159	8.896	ng/ul	-0.01
46) Dimethylphthalate-d6	14.029	166	107466	15.212	ng/ul	-0.01
49) Acenaphthylene-d8	14.323	160	126842	15.313	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.863	143	8959	8.765	ng/ul	0.00
60) Fluorene-d10	15.621	176	88107	14.710	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.756	200	12179	10.680	ng/ul	-0.01
73) Anthracene-d10	17.477	188	123296	15.490	ng/ul	-0.02
81) Pyrene-d10	19.768	212	131716	16.095	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.662	264	109469	13.071	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.839	128	10603	1.502	ng/ul#	92
36) 2-Methylnaphthalene	12.455	142	7198	1.372	ng/ul	94
37) 1-Methylnaphthalene	12.672	142	5995	1.132	ng/ul#	83
50) Acenaphthylene	14.352	152	11084	1.464	ng/ul#	91
56) Dibenzofuran	15.028	168	12337	1.622	ng/ul#	72
61) Fluorene	15.680	166	10139	1.580	ng/ul	93
72) Phenanthrene	17.424	178	276274	31.264	ng/ul	97
74) Anthracene	17.513	178	32552m	3.635	ng/ul	97
77) Carbazole	17.789	167	16300	2.046	ng/ul	93
80) Fluoranthene	19.439	202	426447	42.227	ng/ul	98
82) Pyrene	19.804	202	325690	32.546	ng/ul	100
85) Benzo(a)anthracene	21.636	228	169021	17.911	ng/ul	98
87) Chrysene	21.701	228	184364	20.668	ng/ul	97
90) Benzo(b)fluoranthene	23.857	252	242276	23.992	ng/ul#	97
91) Benzo(k)fluoranthene	23.916	252	72598m	7.563	ng/ul	97
93) Benzo(a)pyrene	24.732	252	120685	13.762	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.568	276	101894	8.808	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.621	278	30355m	3.134	ng/ul	97

08/30/21 JU
08/30/21 JU
08/30/21 JU
08/30/21 JU

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