Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049377.D
Acq On : 16 Jul 2021 14:02
Operator : CG/JU
Sample : M2970-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 16 14:41:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 12:41:10 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGED1

Manual Integrations APPROVED
mohammad
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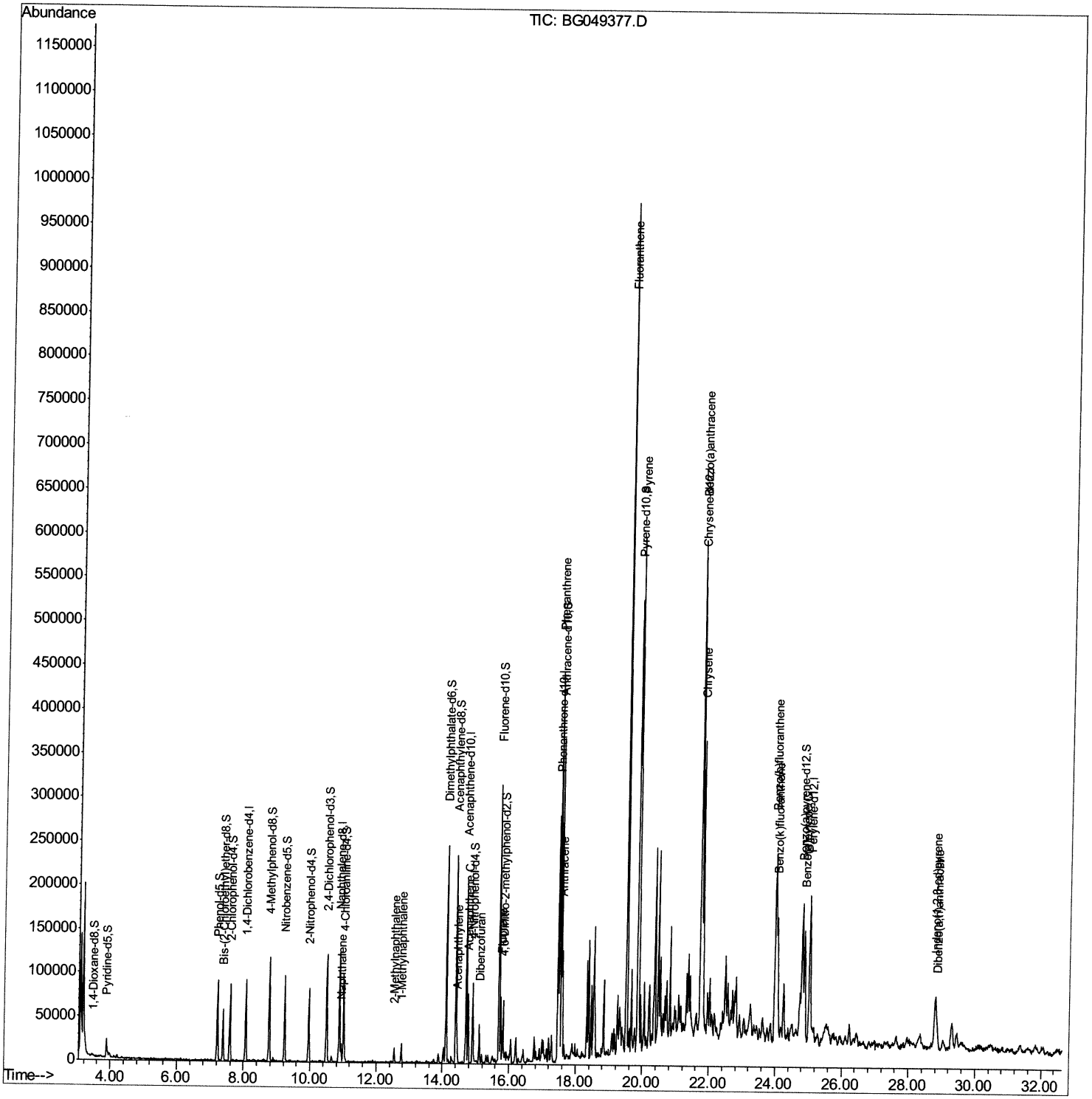

Quantitation Report (Qedit)

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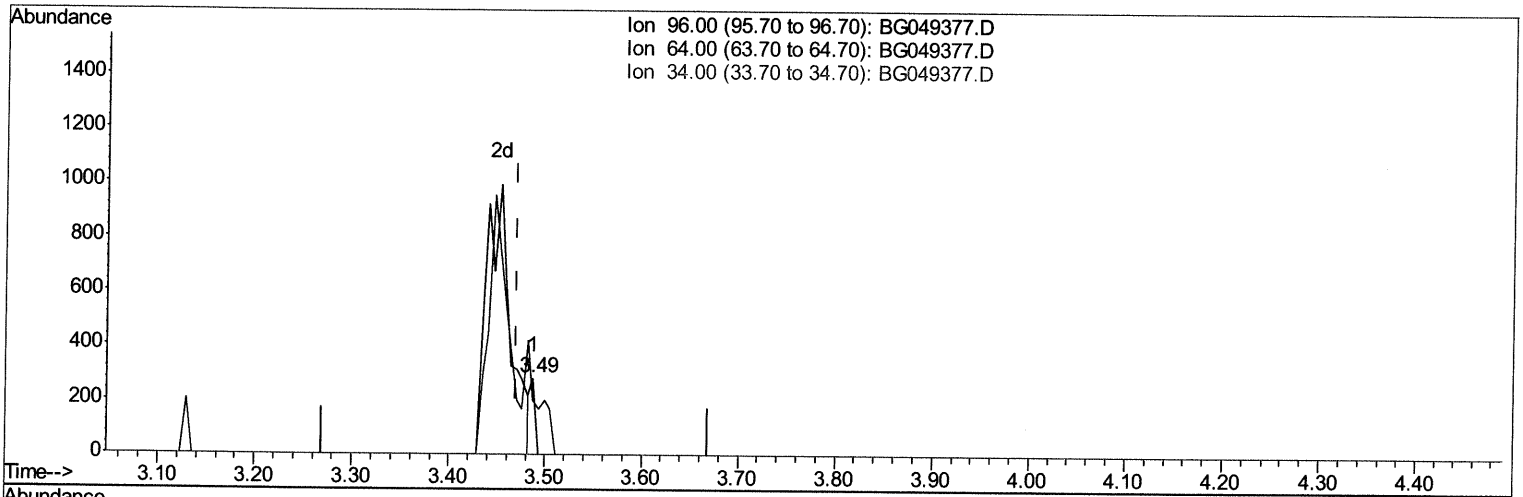

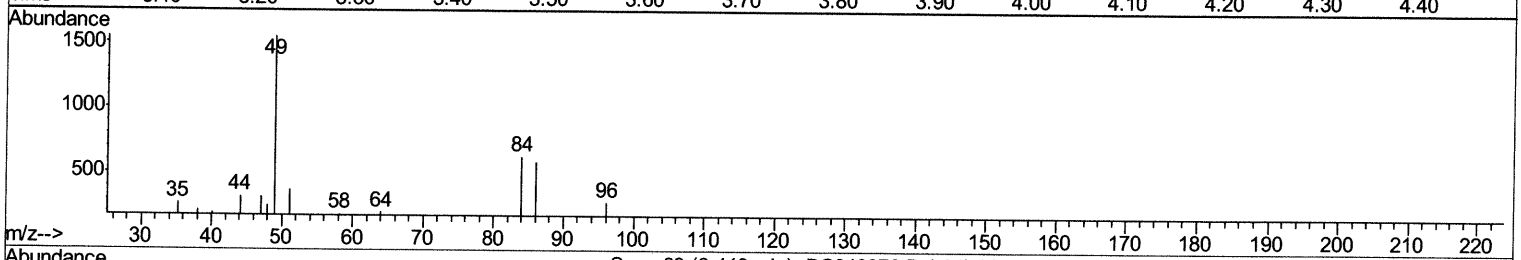

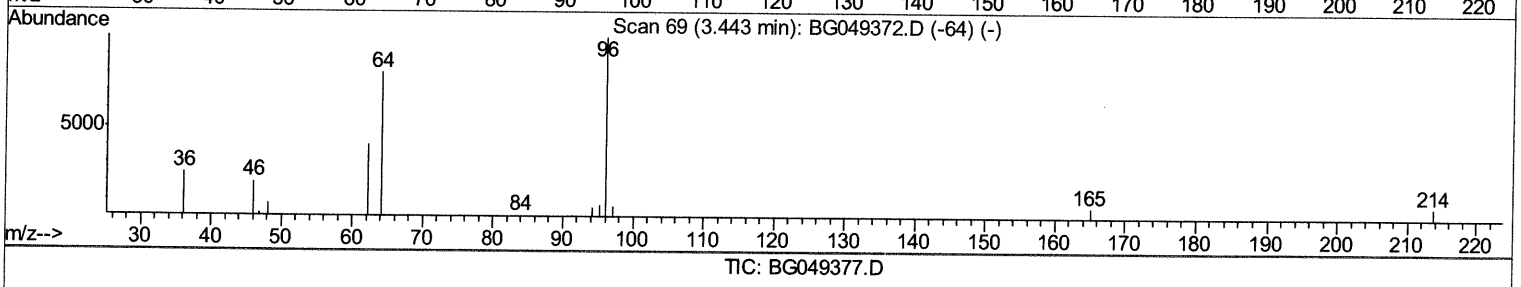

TIC: BG049377.D

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

3.487min (+0.018) 0.19ng/uL

response 99

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	70.11
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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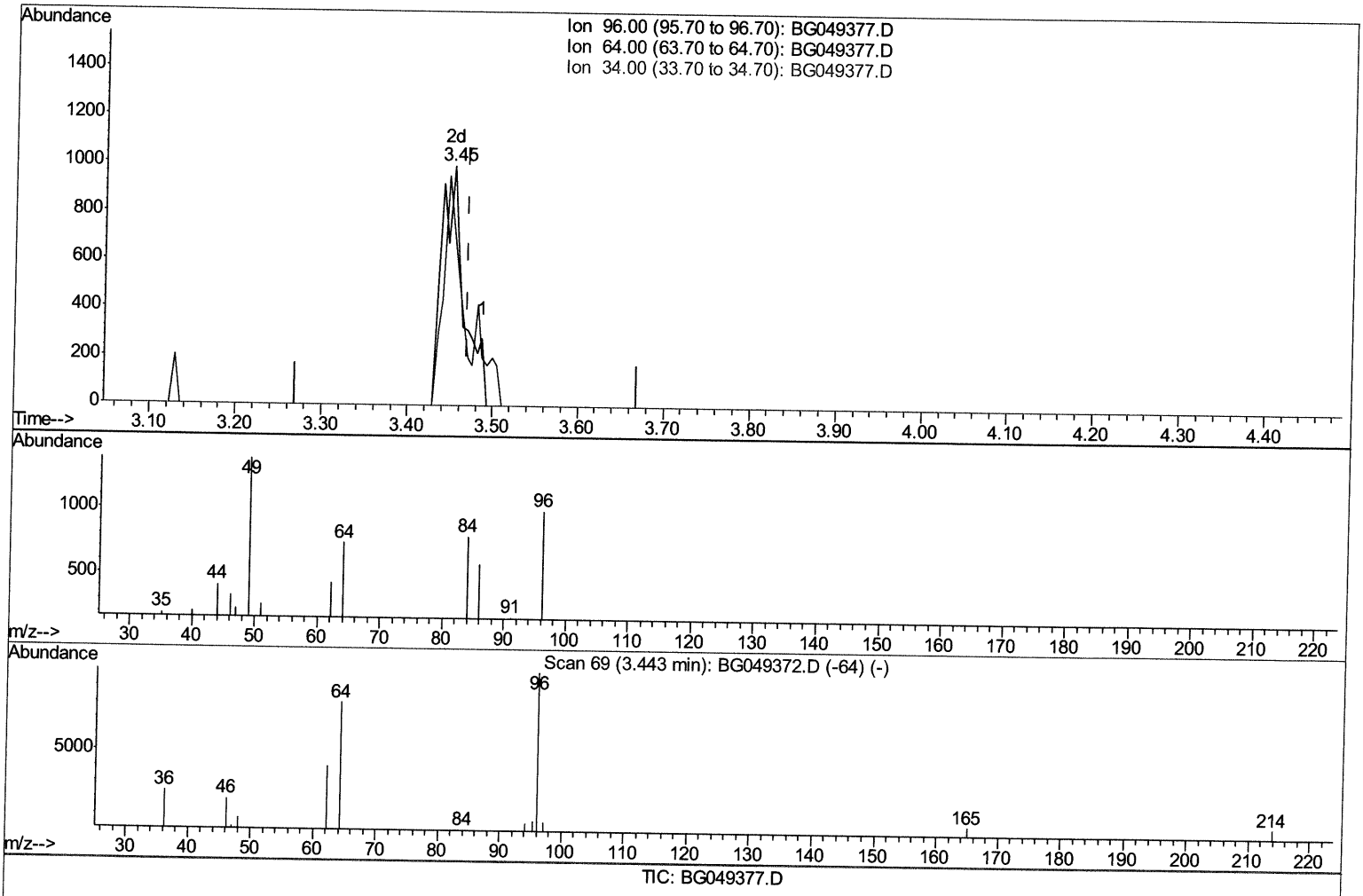

TIC: BG049377.D

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

3.452min (-0.018) 3.44ng/uL m 07/22/21 JU

response 1835

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	74.72#
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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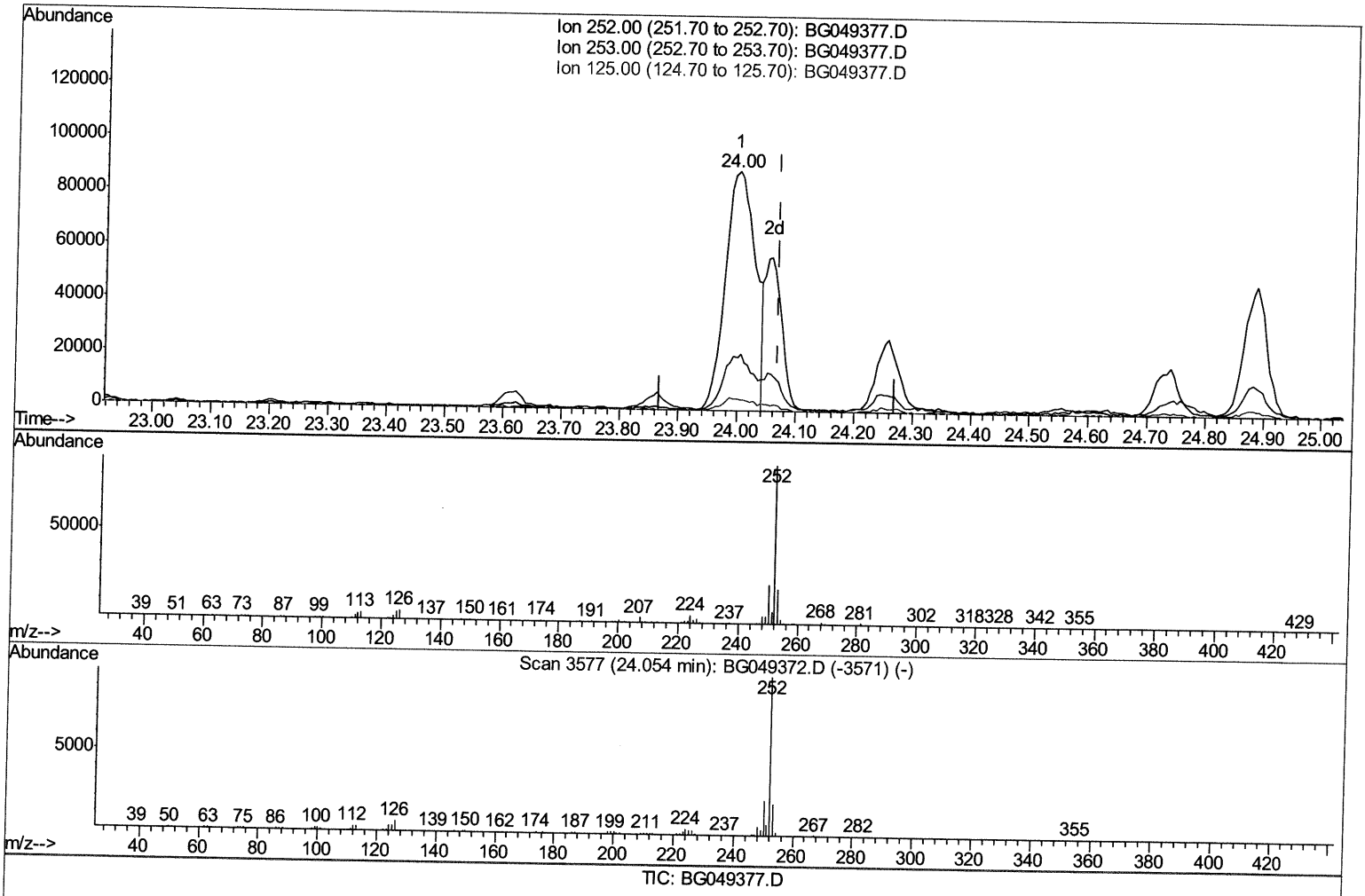

TIC: BG049377.D

(91) Benzo(k)fluoranthene

23.999min (-0.070) 29.00ng/ul

response 316529

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	22.26
125.00	4.60	5.22
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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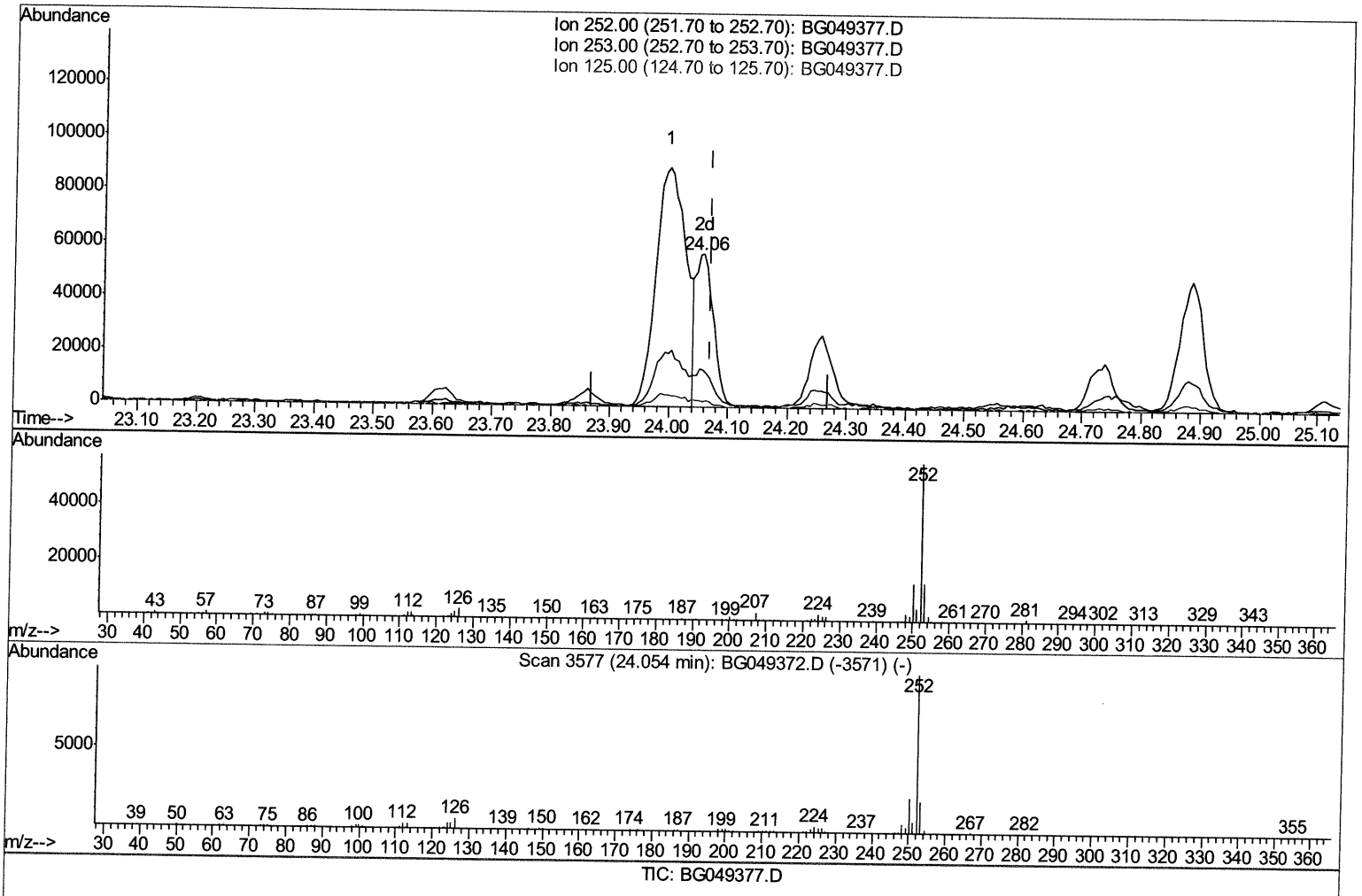

TIC: BG049377.D

(91) Benzo(k)fluoranthene

24.057min (-0.012) 10.72ng/ul m 07/22/21 JU

response 117020

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	24.29#
125.00	4.60	3.83
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 7 Sample Multiplier: 1

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Manual Integrations APPROVED
mohammad
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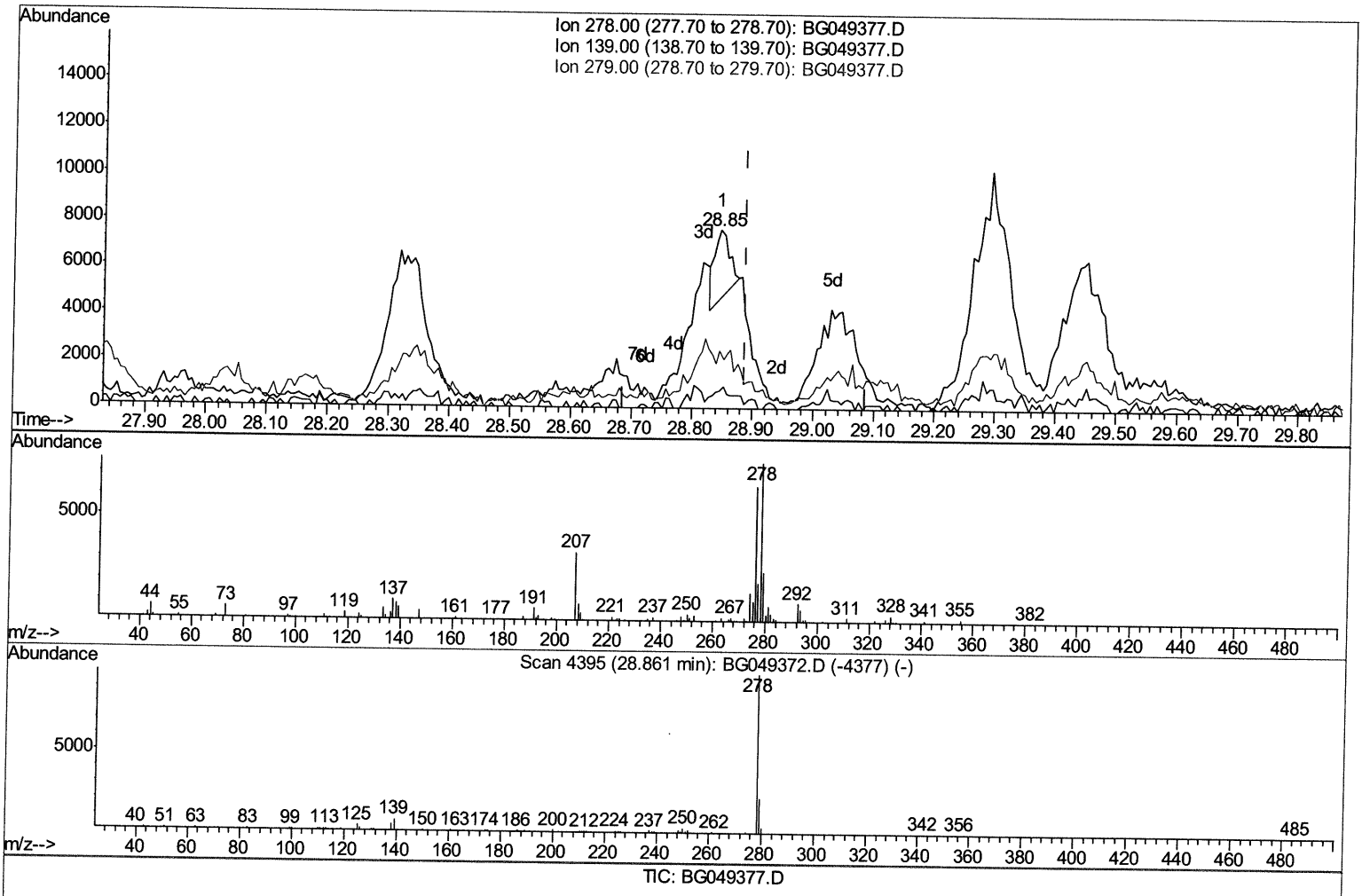

TIC: BG049377.D

(95) Dibenzo(a,h)anthracene

28.846min (-0.041) 0.47ng/ul

response 4909

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	9.62#
279.00	26.40	32.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 7 Sample Multiplier: 1

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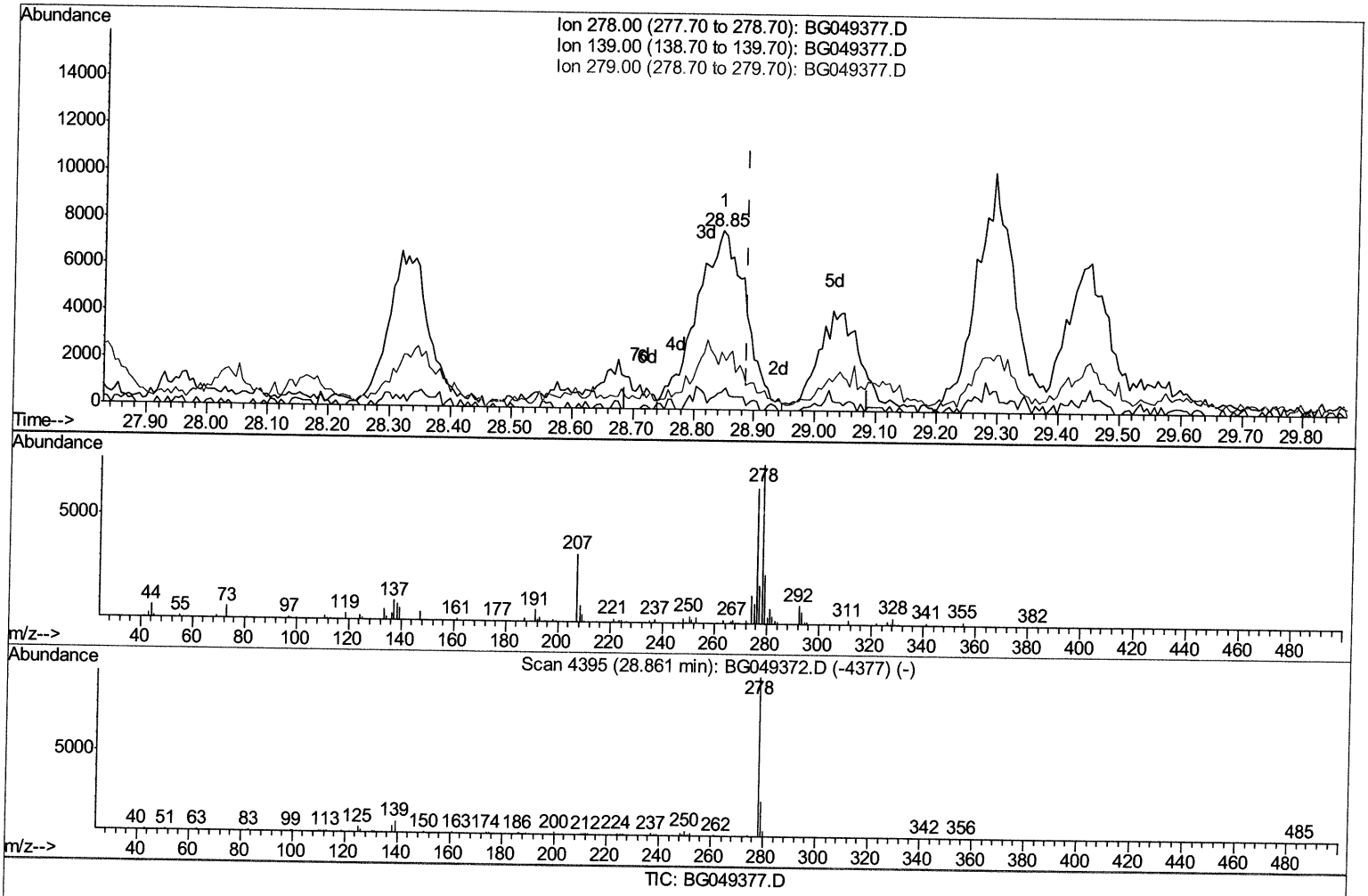
Instrument :
BNA_G
ClientSampleId :
BGED1

Manual Integrations APPROVED
mohammad
7/19/2021 11:53:17 AM



TIC: BG049377.D

(95) Dibenzo(a,h)anthracene

28.846min (-0.041) 4.13ng/ul m 07/22/21 JU

response 43429

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	9.62#
279.00	26.40	32.18#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25100	20.00	ng/ul	-0.02
20) Naphthalene-d8	10.88	136	103338	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.72	164	76016	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	167567	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	171825	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	181443	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1835m >	3.44	ng/uL >	-0.02 07/22/21 JU
4) Pyridine-d5	3.88	84	14493	9.24	ng/ul	-0.01
7) Phenol-d5	7.22	99	47530	21.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.38	67	28122	22.21	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.59	132	37929	23.50	ng/ul	-0.01
15) 4-Methylphenol-d8	8.77	113	40813	23.33	ng/ul	-0.01
21) Nitrobenzene-d5	9.23	128	20718	26.13	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	22848	25.10	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.50	165	43337	24.40	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.01	131	50881	21.98	ng/ul	-0.01
46) Dimethylphthalate-d6	14.11	166	152902	26.15	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	173678	25.32	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	18563	19.18	ng/ul	0.00
60) Fluorene-d10	15.70	176	127519	25.76	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.82	200	15358	14.42	ng/ul	0.00
73) Anthracene-d10	17.57	188	210396	27.58	ng/ul	0.00
81) Pyrene-d10	19.85	212	210456	23.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	184557	19.57	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.94	128	16673	3.236	ng/ul	98
36) 2-Methylnaphthalene	12.54	142	8564	2.188	ng/ul	82
37) 1-Methylnaphthalene	12.76	142	9818	2.522	ng/ul	84
50) Acenaphthylene	14.44	152	16961	2.780	ng/ul#	91
52) Acenaphthene	14.78	153	35542	8.022	ng/ul	95
56) Dibenzofuran	15.11	168	22203	3.536	ng/ul	98
61) Fluorene	15.76	166	32935	6.198	ng/ul	93
72) Phenanthrene	17.51	178	269680	32.996	ng/ul	97
74) Anthracene	17.59	178	85226	10.208	ng/ul	98
80) Fluoranthene	19.52	202	601826	58.759	ng/ul	99
82) Pyrene	19.88	202	375822	36.826	ng/ul	99
85) Benzo(a)anthracene	21.73	228	333737	31.606	ng/ul	94
87) Chrysene	21.80	228	233289	23.357	ng/ul	97
90) Benzo(b)fluoranthene	24.00	252	316529	28.278	ng/ul	99
91) Benzo(k)fluoranthene	24.06	252	117020m >	10.722	ng/ul >	07/22/21 JU
93) Benzo(a)pyrene	24.89	252	133244	13.526	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.80	276	95808	7.538	ng/ul	97
95) Dibenzo(a,h)anthracene	28.85	278	43429m >	4.125	ng/ul >	07/22/21 JU

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