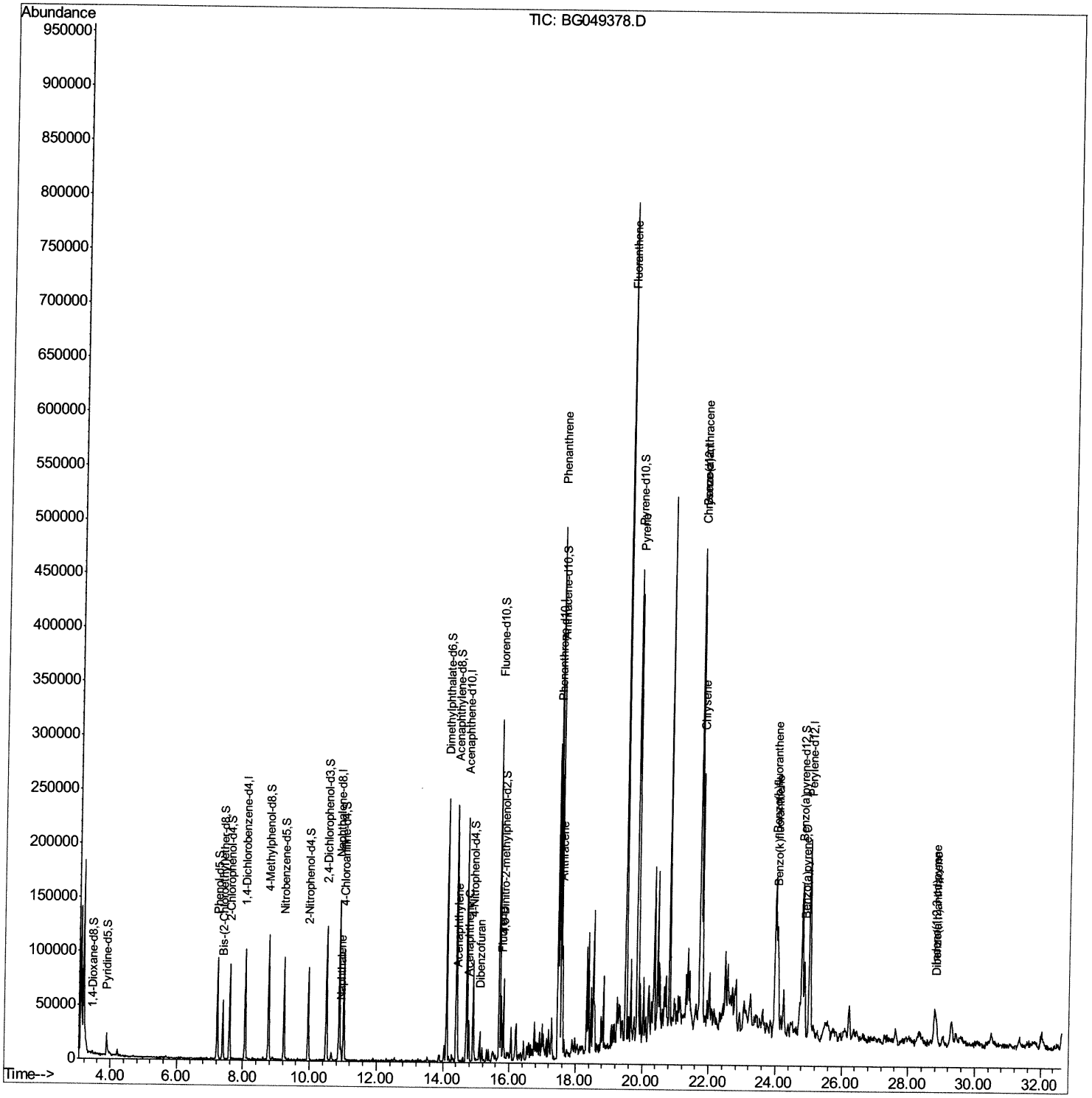
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049378.D
Acq On : 16 Jul 2021 14:43
Operator : CG/JU
Sample : M2970-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 16 15:24:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGEC6

Manual Integrations APPROVED
mohammad
7/19/2021 11:53:20 AM



Quantitation Report (Qedit)

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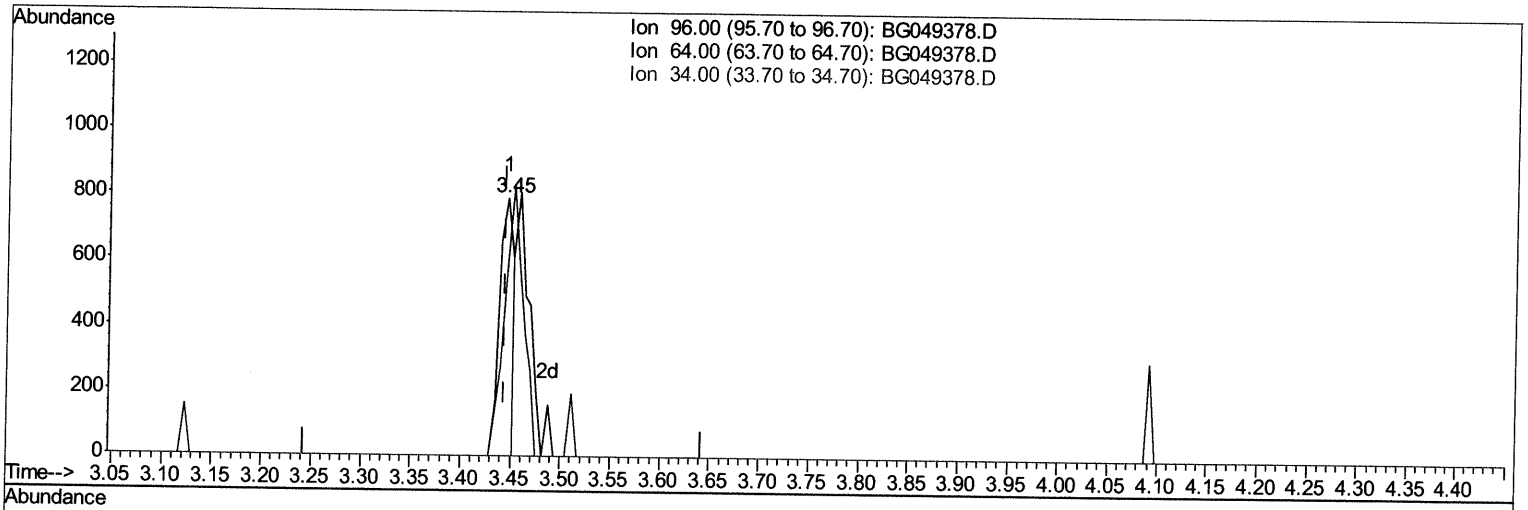
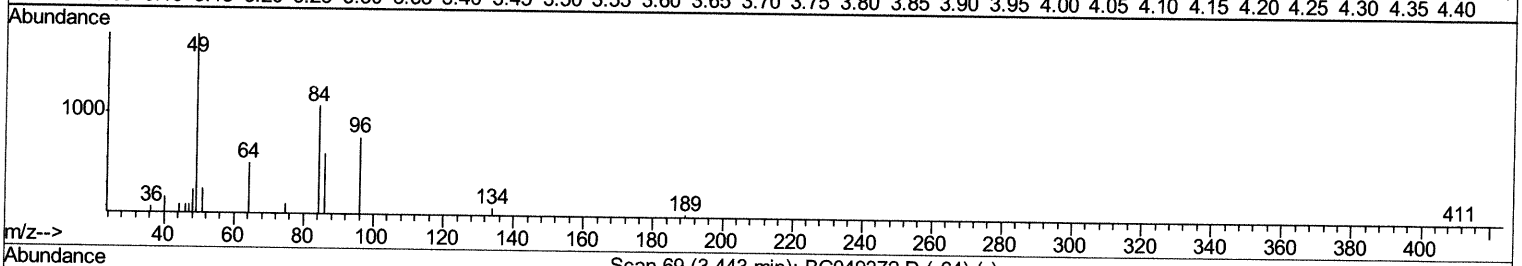
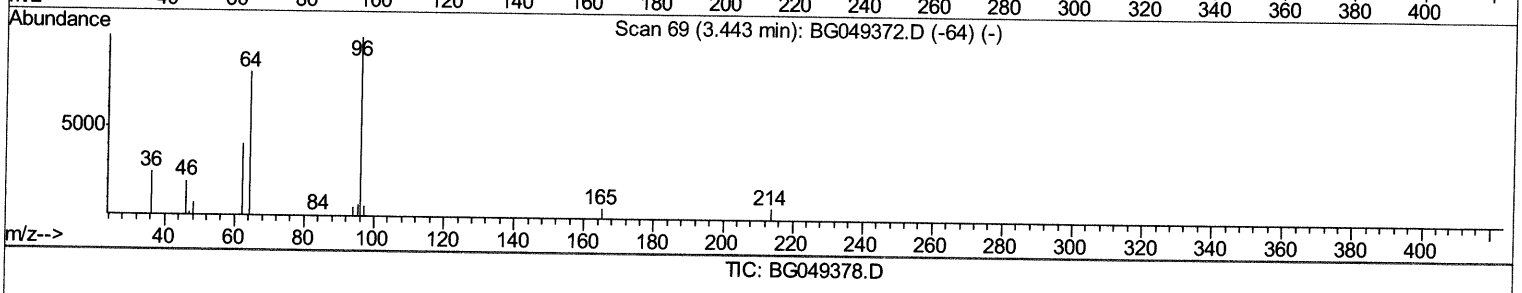
mohammad
7/19/2021 11:53:20 AM







TIC: BG049378.D

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

3.446min (+0.003) 1.33ng/uL

response 782

Ion	Exp%	Act%
96.00	100	100
64.00	80.10	72.41
34.00	0.00	0.00
0.00	0.00	0.00

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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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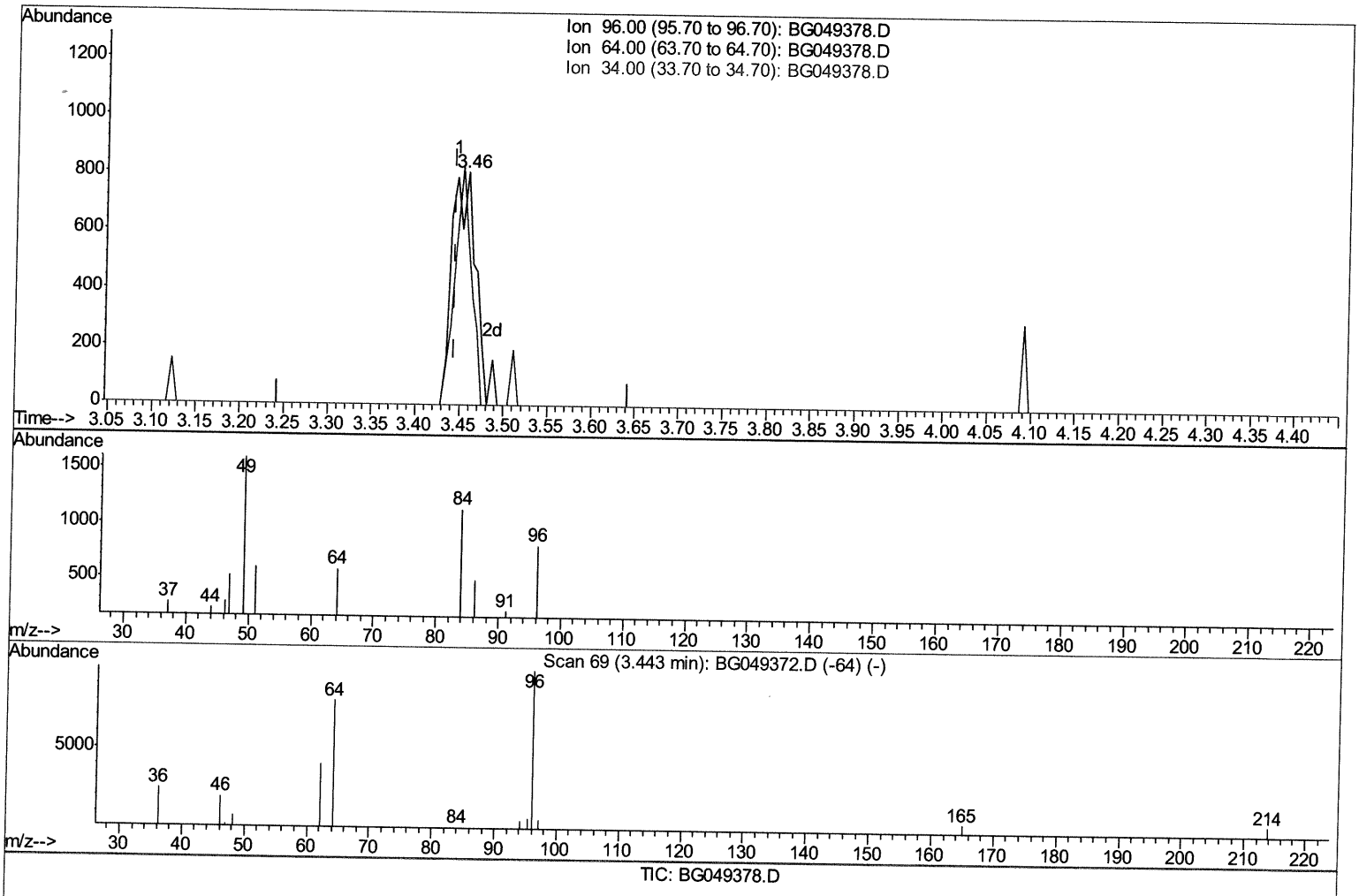

TIC: BG049378.D

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

3.458min (+0.014) 2.50ng/uL m 07/22/21 JU

response 1473

Ion	Exp%	Act%
96.00	100	100
64.00	80.10	71.66
34.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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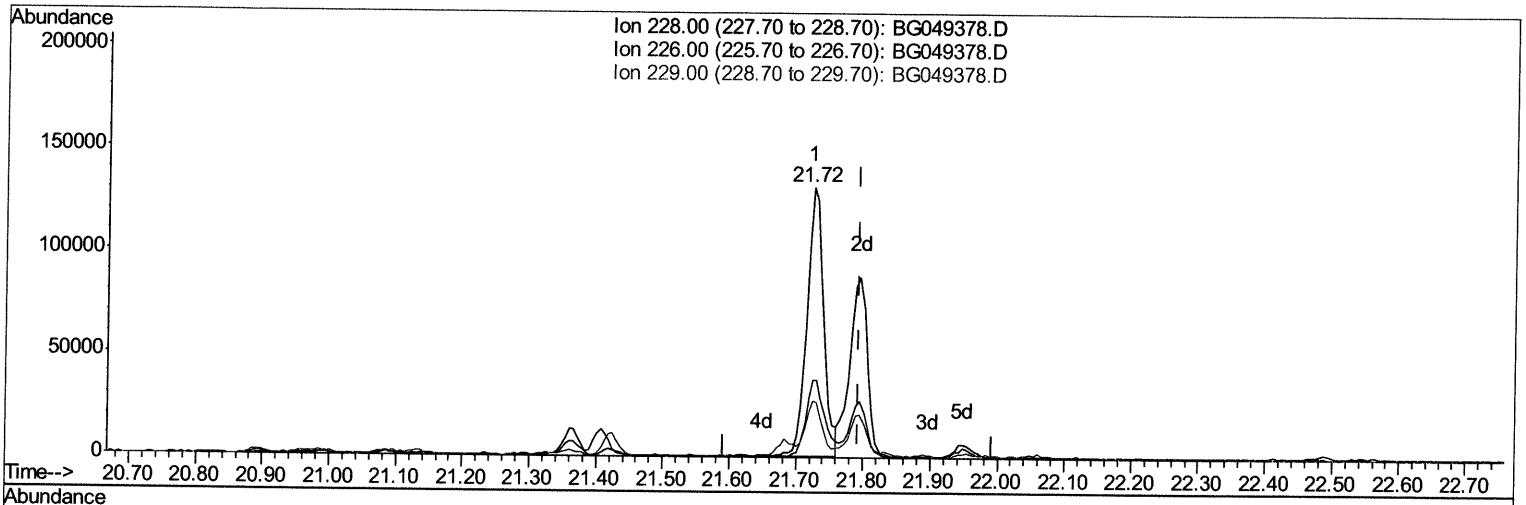

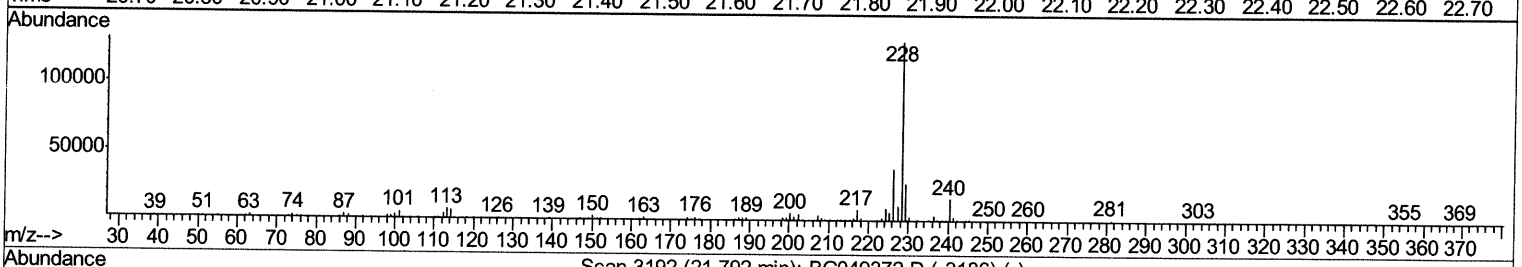

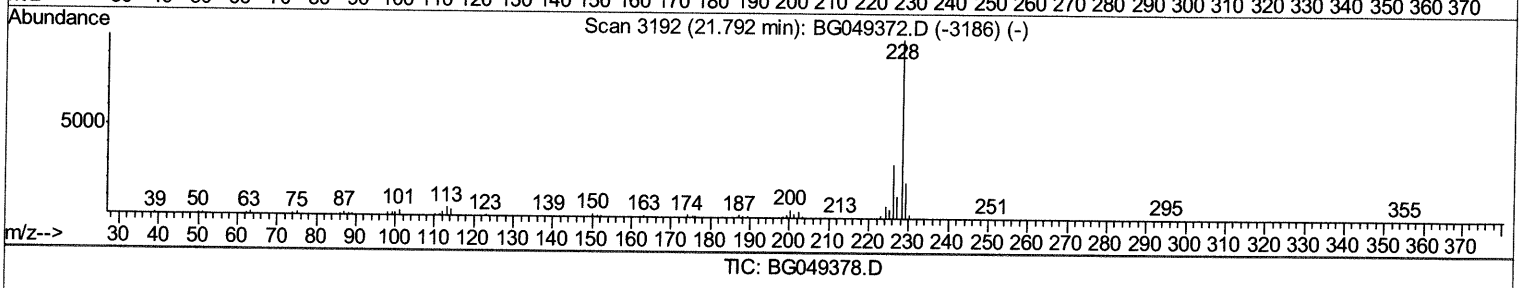

TIC: BG049378.D

(87) Chrysene

21.724min (-0.068) 21.21ng/ul

response 229643

Ion	Exp%	Act%
228.00	100	100
226.00	29.90	28.66
229.00	19.70	20.71
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 16 Jul 2021 14:43
Operator : CG/JU
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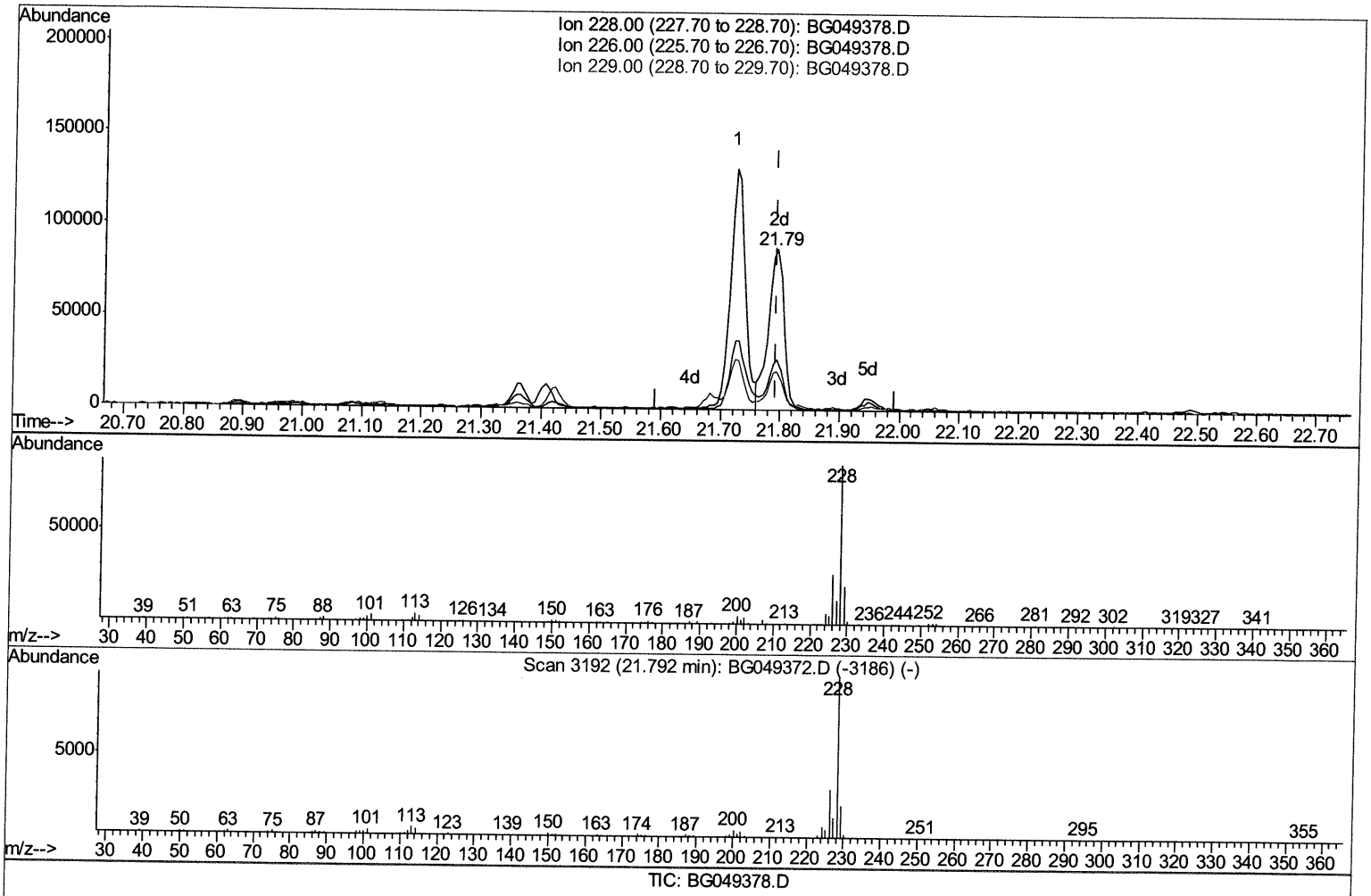
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 16 15:19:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGEC6

Manual Integrations APPROVED
mohammad
7/19/2021 11:53:20 AM



TIC: BG049378.D

(87) Chrysene

21.795min (+0.003) 15.04ng/ul m 07/22/21 JY

response 162840

Ion	Exp%	Act%
228.00	100	100
226.00	29.90	31.56
229.00	19.70	23.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

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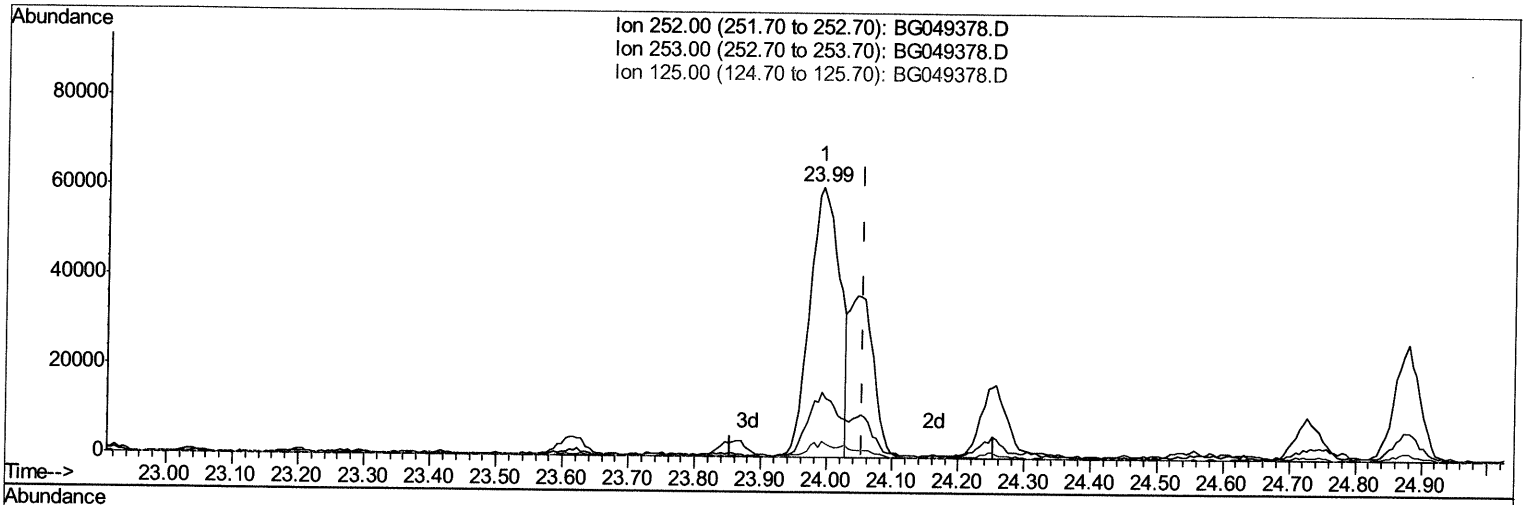
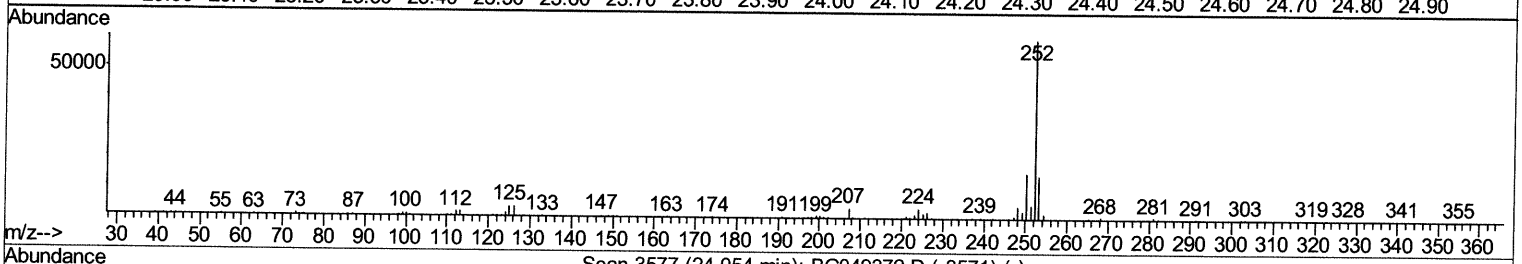
Data File : BG049378.D
Acq On : 16 Jul 2021 14:43
Operator : CG/JU
Sample : M2970-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

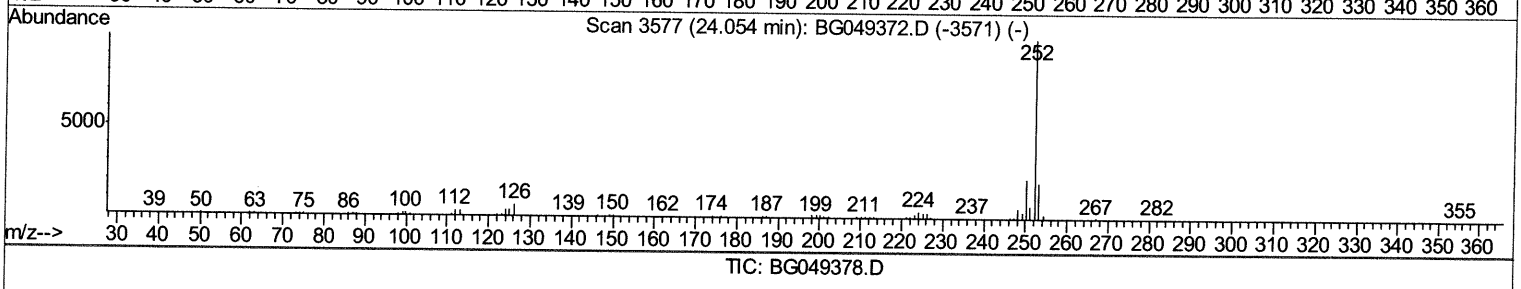
Quant Time: Jul 16 15:19:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGEC6

Manual Integrations APPROVED
mohammad
7/19/2021 11:53:20 AM







TIC: BG049378.D

(91) Benzo(k)fluoranthene

23.992min (-0.062) 16.49ng/ul

response 193943

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	24.15
125.00	3.80	5.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG049378.D
Acq On : 16 Jul 2021 14:43
Operator : CG/JU
Sample : M2970-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 16 15:19:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
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Instrument :
BNA_G
ClientSampleId :
BGEC6

Manual Integrations APPROVED
mohammad
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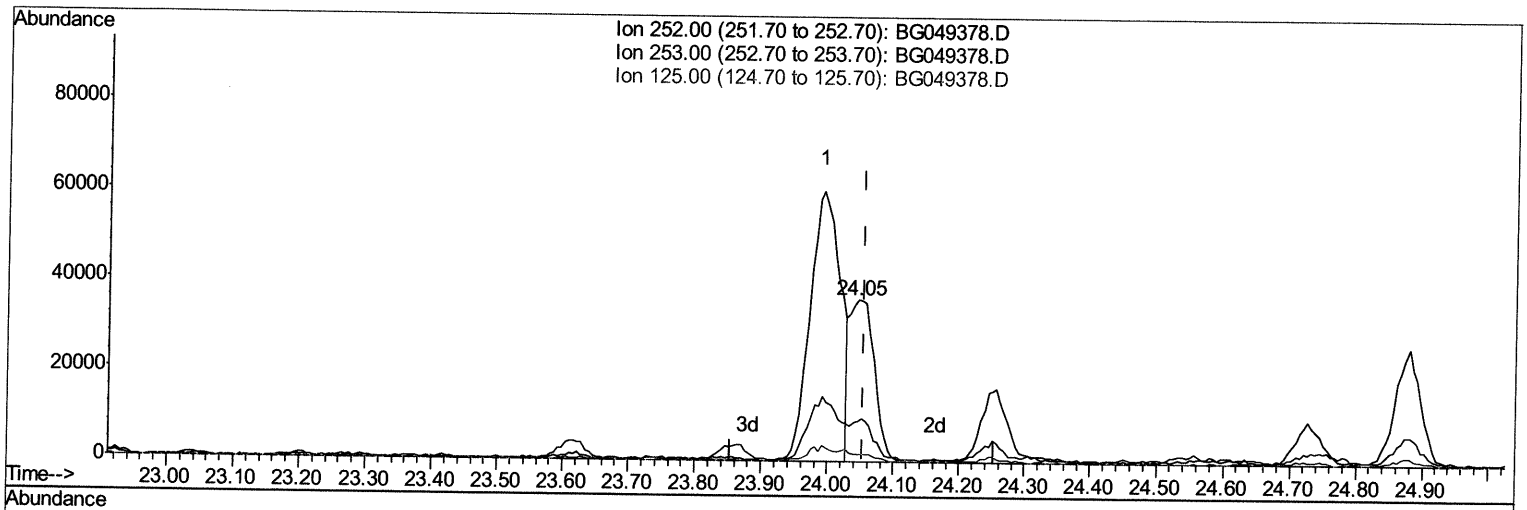

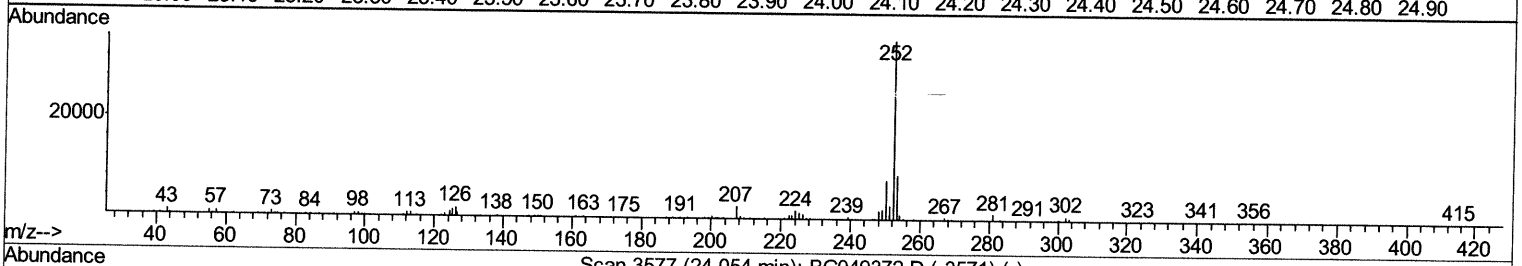

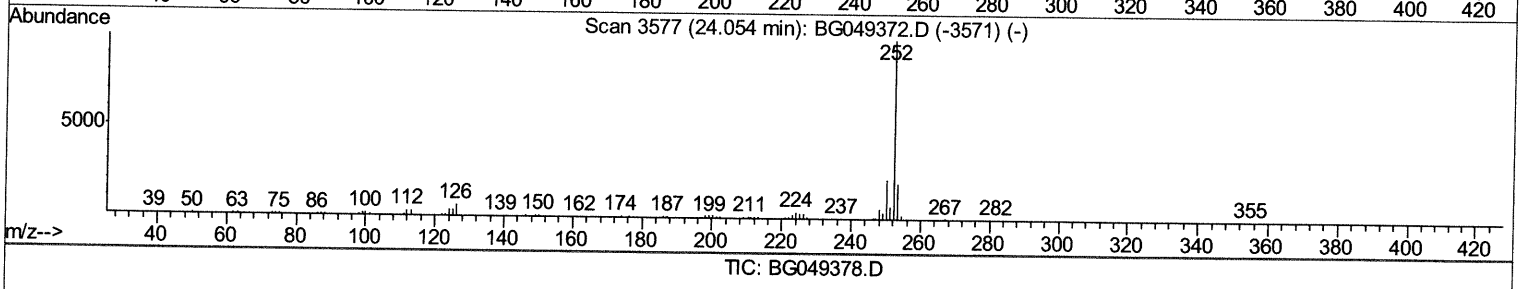

TIC: BG049378.D

(91) Benzo(k)fluoranthene

24.045min (-0.009) 7.80ng/ul m 07/22/21 JU

response 91724

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	25.08#
125.00	3.80	4.38
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
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ALS Vial : 8 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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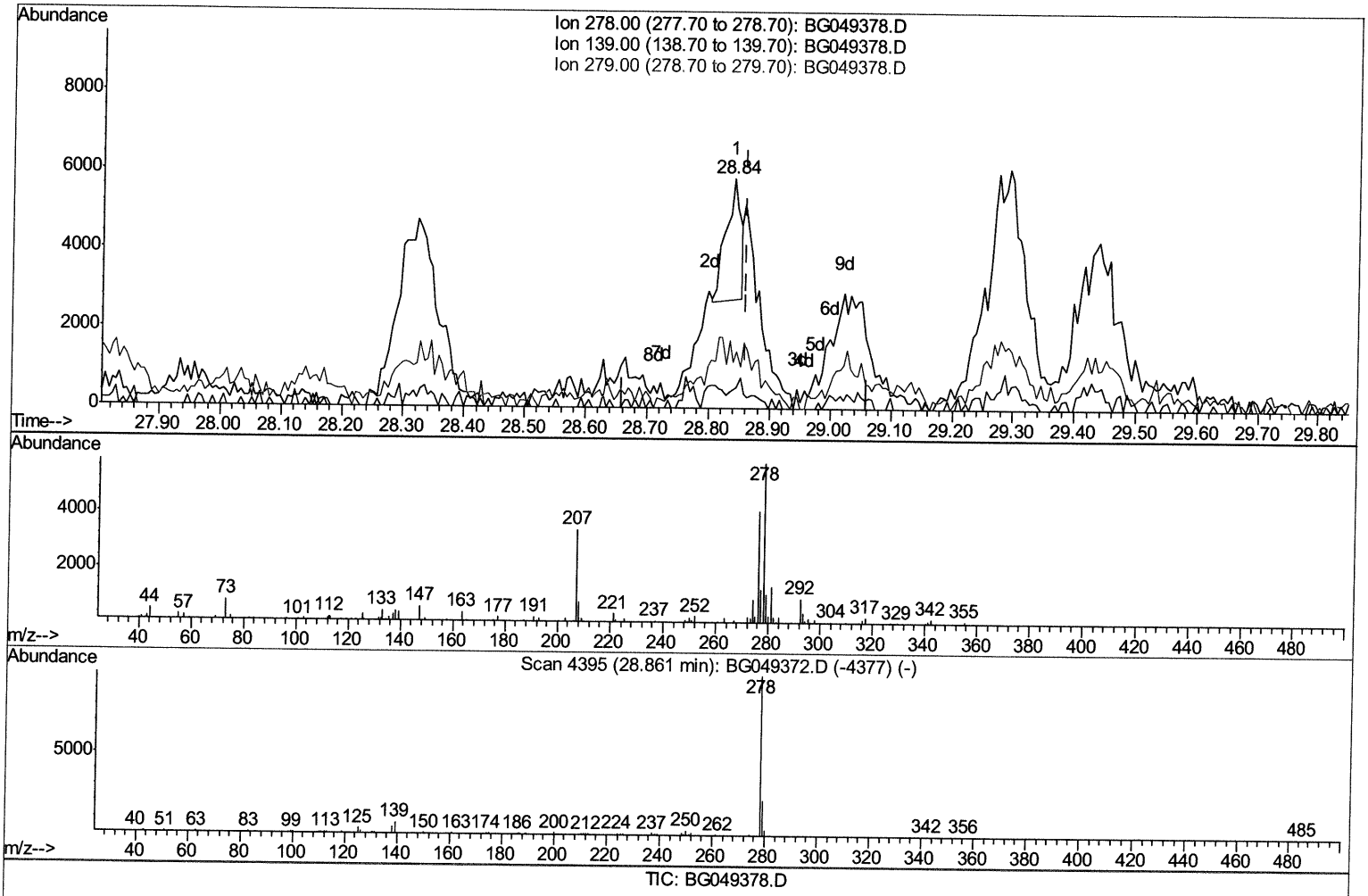

TIC: BG049378.D

(95) Dibenzo(a,h)anthracene

28.840min (-0.021) 0.46ng/ul

response 5216

Ion	Exp%	Act%
278.00	100	100
139.00	7.40	8.17
279.00	22.00	19.80
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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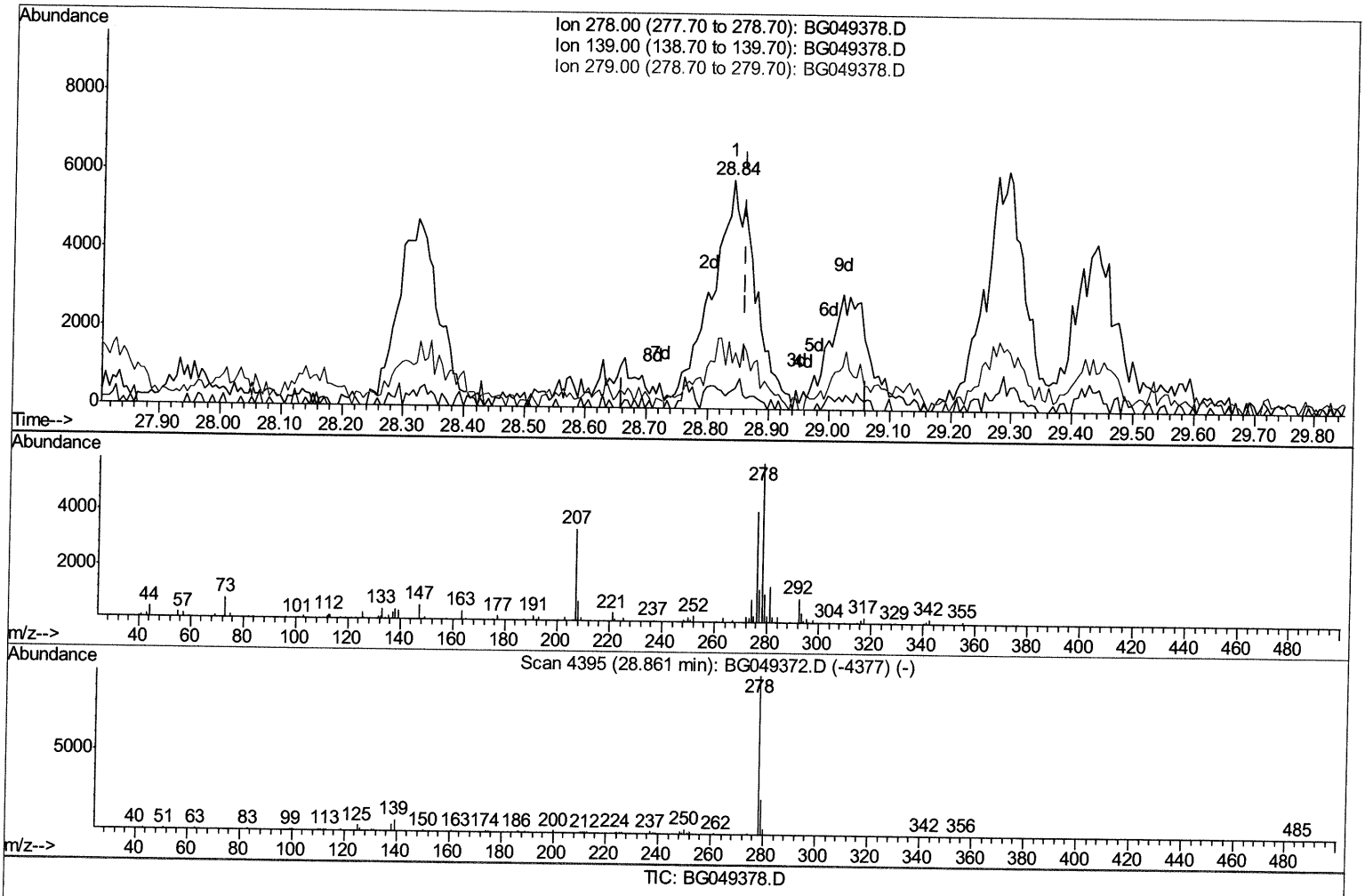
Manual Integrations APPROVED
mohammad
7/19/2021 11:53:20 AM



(95) Dibenzo(a,h)anthracene

28.840min (-0.021) 2.58ng/ul m 07/22/21 JU

response 29246

Ion	Exp%	Act%
278.00	100	100
139.00	7.40	8.17
279.00	22.00	19.80
0.00	0.00	0.00

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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	27735	20.00	ng/ul	0.00
20) Naphthalene-d8	10.88	136	116388	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	83531	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	184268	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	186216	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	195484	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	1473m	> 2.50	ng/uL	> 0.01 07/22/21 JU
4) Pyridine-d5	3.88	84	11379	6.56	ng/ul	0.00
7) Phenol-d5	7.22	99	49827	20.65	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.38	67	30511	21.81	ng/ul	0.00
11) 2-Chlorophenol-d4	7.59	132	37898	21.25	ng/ul	0.00
15) 4-Methylphenol-d8	8.77	113	42843	22.16	ng/ul	0.00
21) Nitrobenzene-d5	9.23	128	20274	22.70	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	22792	22.23	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.50	165	43517	21.75	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	50900	19.52	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	154716	24.08	ng/ul	0.00
49) Acenaphthylene-d8	14.40	160	168978	22.42	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	18677	17.57	ng/ul	0.00
60) Fluorene-d10	15.70	176	129435	23.80	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	16171	13.81	ng/ul	0.00
73) Anthracene-d10	17.56	188	204364	24.36	ng/ul	0.00
81) Pyrene-d10	19.85	212	191416	20.06	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	160610	15.81	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.93	128	12246	2.110	ng/ul#	91
50) Acenaphthylene	14.43	152	16662	2.486	ng/ul#	95
52) Acenaphthene	14.77	153	16588	3.407	ng/ul	92
56) Dibenzofuran	15.11	168	11609	1.683	ng/ul#	86
61) Fluorene	15.76	166	24094	4.126	ng/ul	99
72) Phenanthrene	17.51	178	305201	33.958	ng/ul	98
74) Anthracene	17.59	178	77179	8.406	ng/ul	99
80) Fluoranthene	19.52	202	482216	43.442	ng/ul	99
82) Pyrene	19.88	202	261452	23.639	ng/ul	99
85) Benzo(a)anthracene	21.72	228	233289	20.386	ng/ul	98
87) Chrysene	21.79	228	162840m	> 15.043	ng/ul	> 07/22/21 JU
90) Benzo(b)fluoranthene	23.99	252	193943	16.082	ng/ul	97
91) Benzo(k)fluoranthene	24.05	252	91724m	> 7.801	ng/ul	> 07/22/21 JU
93) Benzo(a)pyrene	24.88	252	67730	6.382	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.79	276	55558	4.057	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.84	278	29246m	> 2.579	ng/ul	> 07/22/21 JU

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