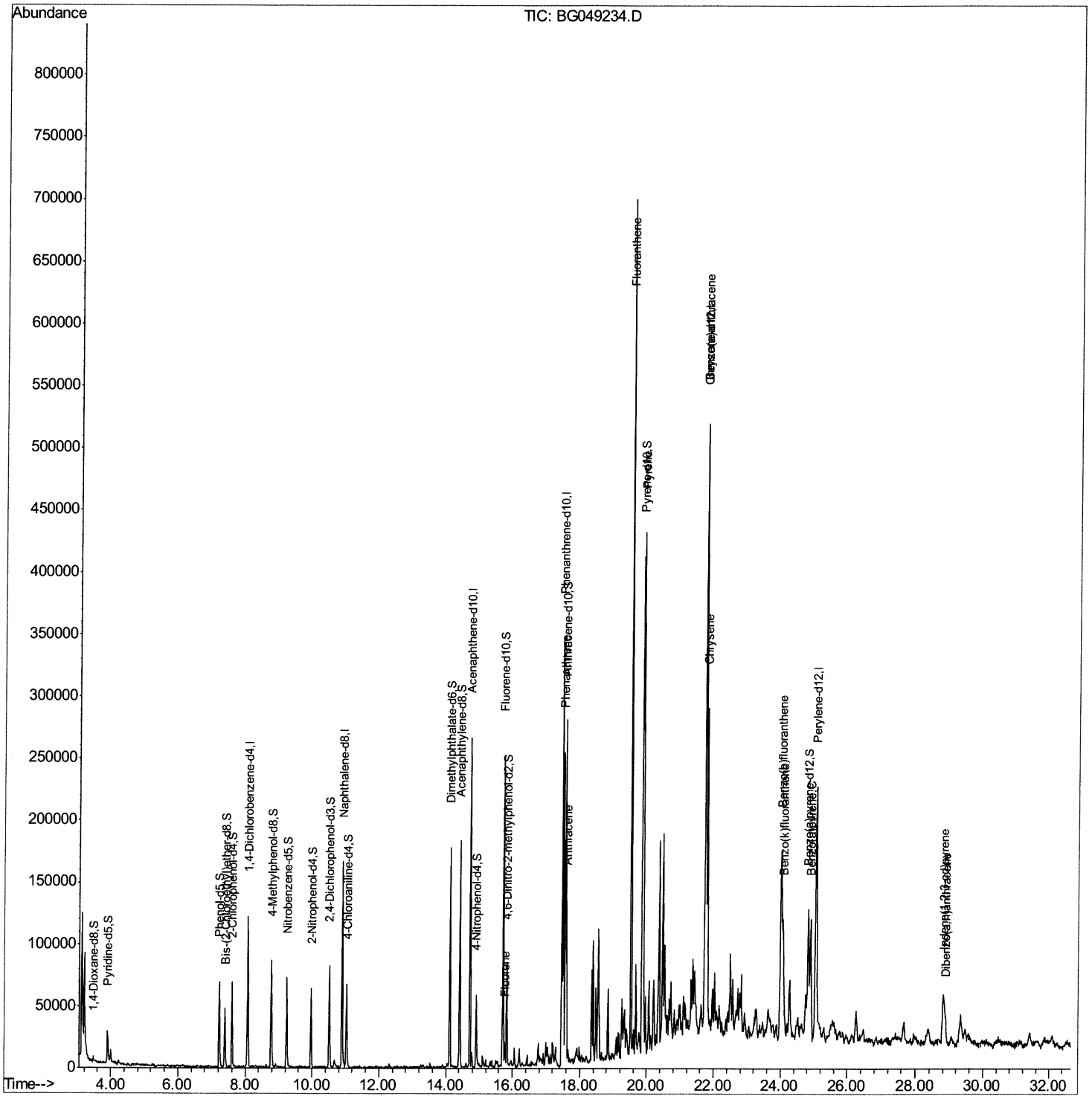
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049234.D
Acq On : 9 Jul 2021 12:31
Operator : CG/JU
Sample : M2878-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 09 13:08:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGE03

Manual Integrations APPROVED
mohammad
7/12/2021 12:32:59 PM



Quantitation Report (Qedit)

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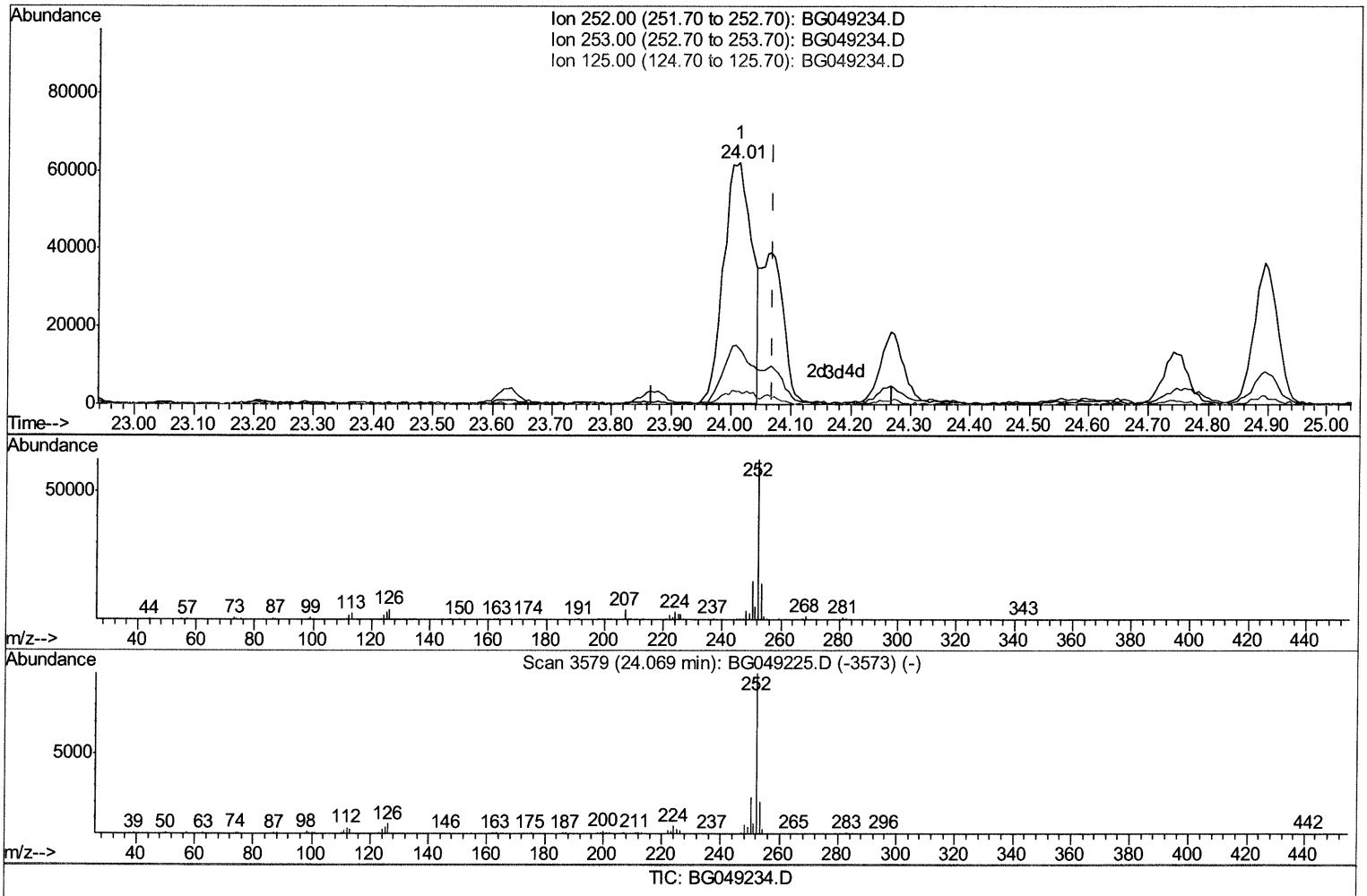

TIC: BG049234.D

(91) Benzo(k)fluoranthene

24.014min (-0.055) 14.76ng/ul

response 204026

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	23.12
125.00	4.60	5.39
0.00	0.00	0.00

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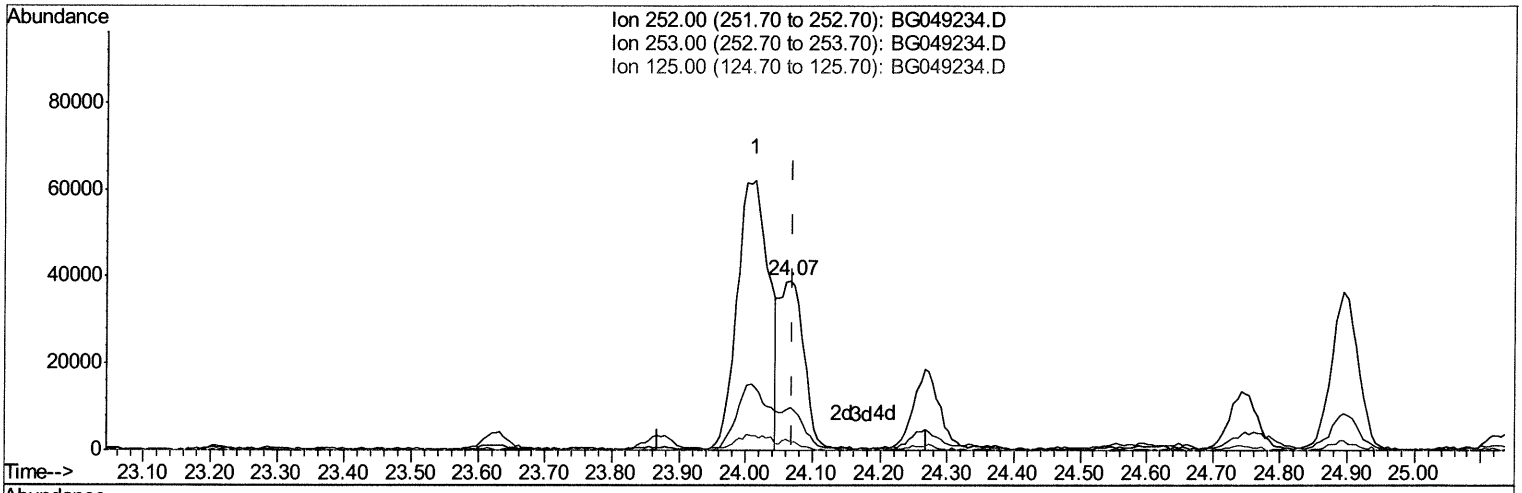

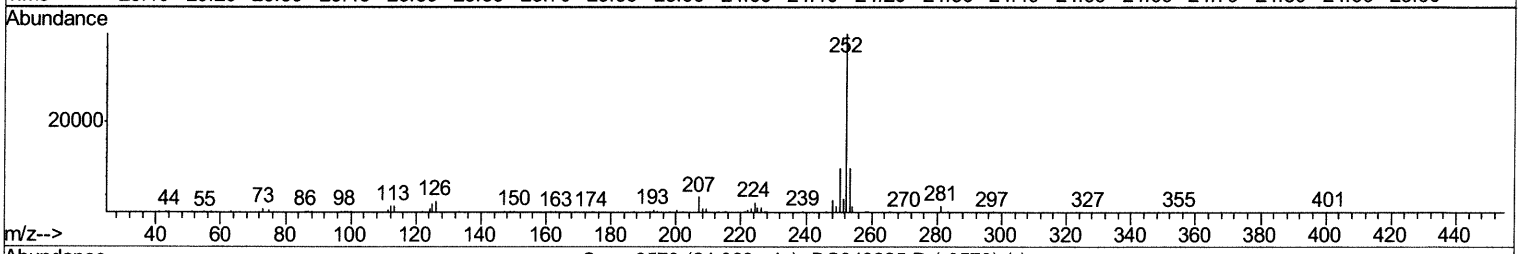

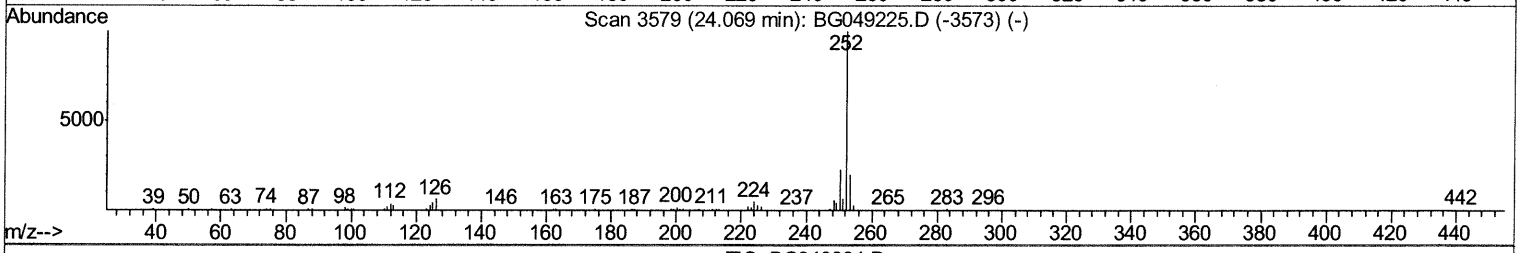

TIC: BG049234.D

(91) Benzo(k)fluoranthene

24.067min (-0.003) 7.28ng/ul m 07/13/2134

response 100682

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	25.09#
125.00	4.60	4.86
0.00	0.00	0.00

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BNA_G
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Manual Integrations APPROVED
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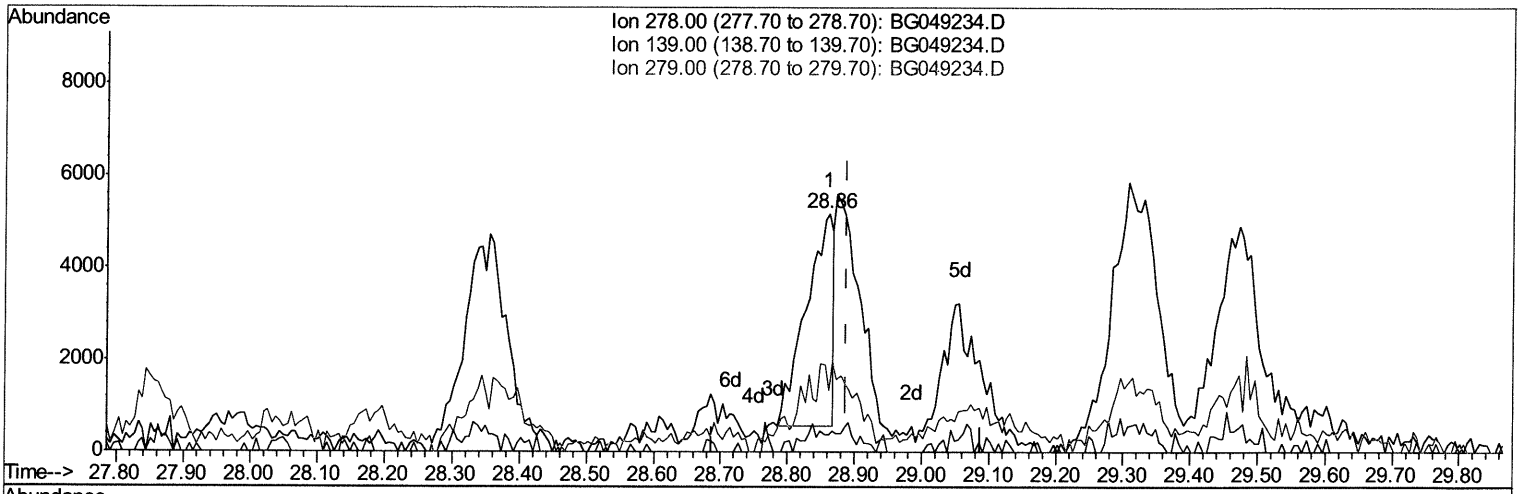

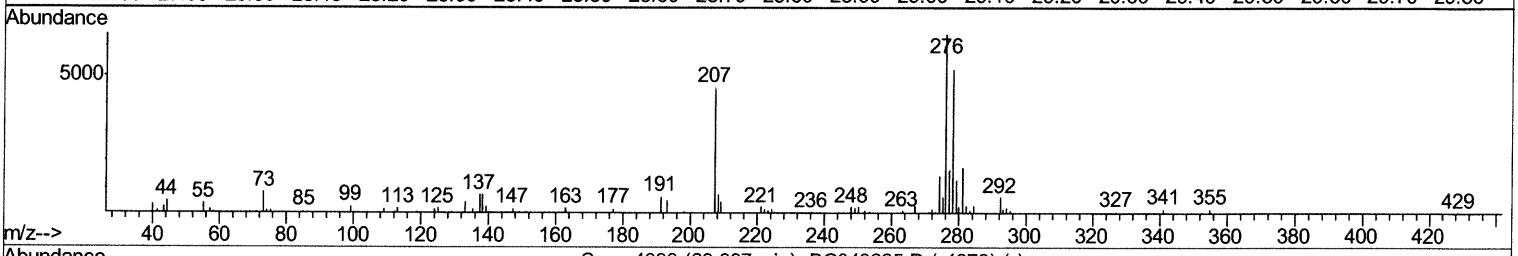

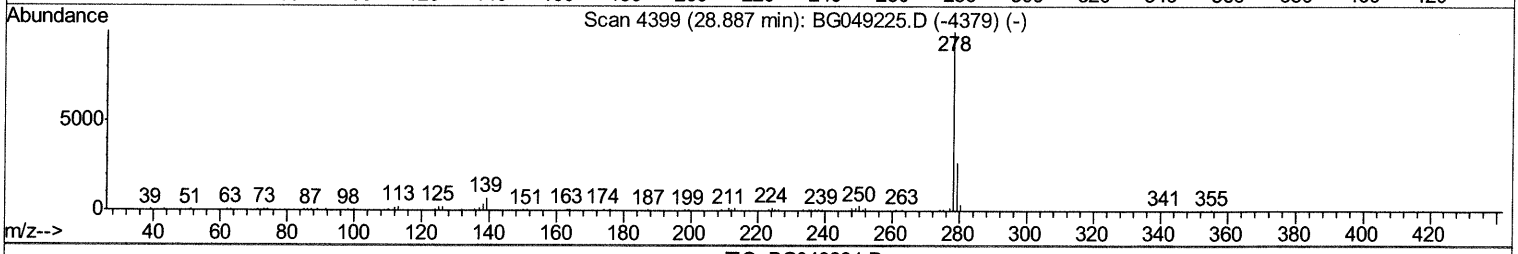

TIC: BG049234.D

(95) Dibenzo(a,h)anthracene

28.861min (-0.026) 0.99ng/ul

response 13194

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	7.42
279.00	26.40	25.51
0.00	0.00	0.00

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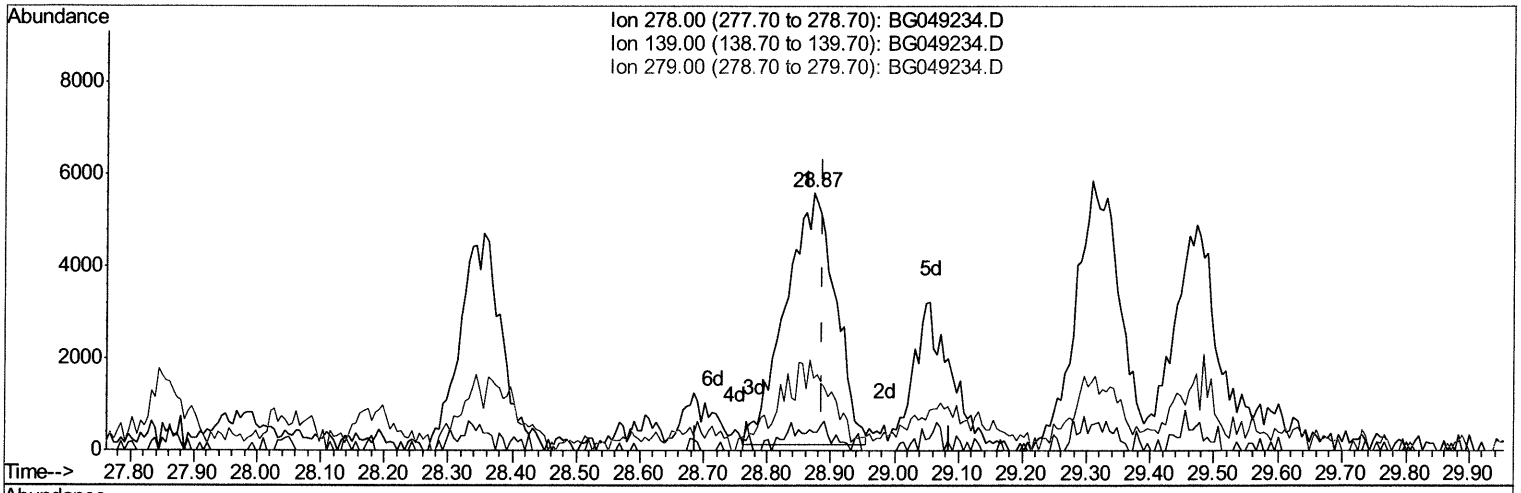
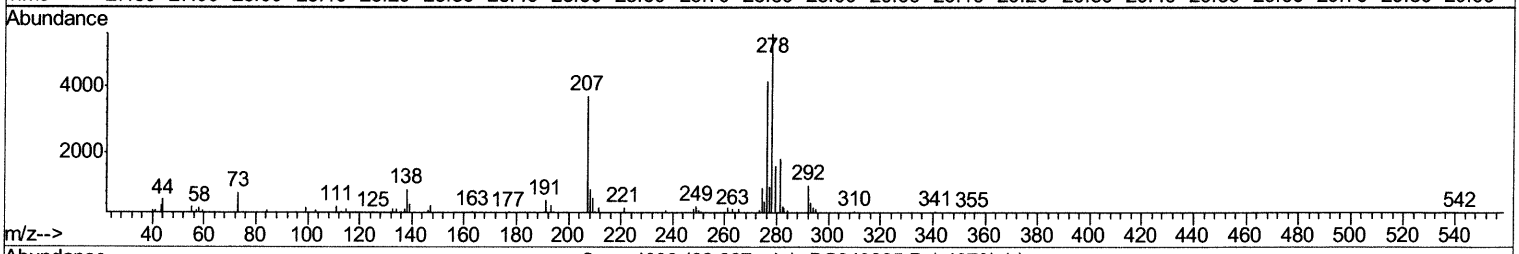
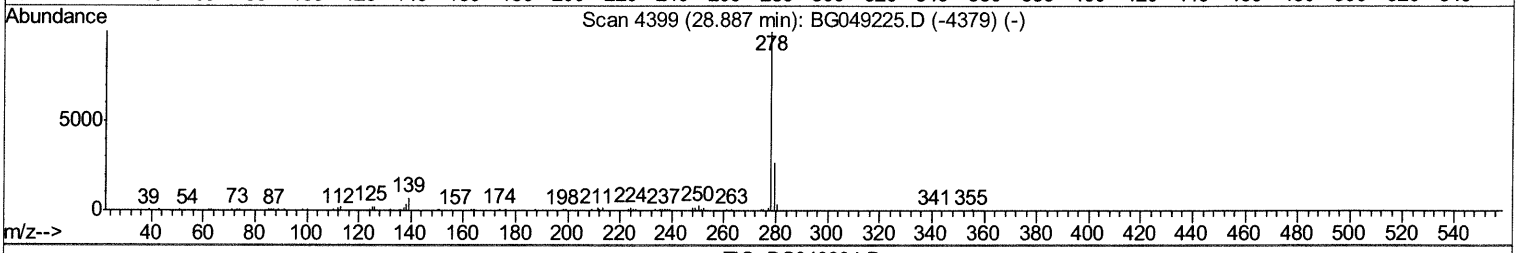
Manual Integrations APPROVED
mohammad
7/12/2021 12:32:59 PM







TIC: BG049234.D

(95) Dibenzo(a,h)anthracene

28.873min (-0.014) 2.24ng/ul m 07/13/21 JU

response 29878

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	7.32
279.00	26.40	28.14
0.00	0.00	0.00

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ClientSampleId : BGE03

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	33429	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	134546	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	99152	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	218725	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	217749	20.00	ng/ul	0.00
88) Perylene-d12	25.06	264	229857	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	1691	2.38	ng/uL	0.00
4) Pyridine-d5	3.90	84	14129	6.76	ng/ul	0.00
7) Phenol-d5	7.22	99	36881	12.68	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	24699	14.64	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	29876	13.90	ng/ul	0.00
15) 4-Methylphenol-d8	8.77	113	31111	13.35	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	15425	14.94	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	17756	14.98	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	31588	13.66	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	33976	11.27	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	119285	15.64	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	132244	14.78	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	13232	10.48	ng/ul	0.00
60) Fluorene-d10	15.71	176	101911	15.79	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	18767	13.50	ng/ul	0.00
73) Anthracene-d10	17.57	188	158746	15.94	ng/ul	0.00
81) Pyrene-d10	19.85	212	156197	14.00	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	124604	10.43	ng/ul	0.00
Target Compounds						Qvalue
61) Fluorene	15.76	166	7244	1.045	ng/ul#	92
72) Phenanthrene	17.51	178	163230	15.300	ng/ul	98
74) Anthracene	17.60	178	79563	7.301	ng/ul	99
80) Fluoranthene	19.52	202	449481	34.629	ng/ul	99
82) Pyrene	19.88	202	283464	21.918	ng/ul	98
85) Benzo(a)anthracene	21.74	228	244593	18.278	ng/ul	95
87) Chrysene	21.80	228	185480	14.653	ng/ul	98
90) Benzo(b)fluoranthene	24.01	252	204026	14.388	ng/ul	98
91) Benzo(k)fluoranthene	24.07	252	100682m >	7.282	ng/ul >	07/13/21 JU
93) Benzo(a)pyrene	24.90	252	99458	7.970	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.82	276	73816	4.585	ng/ul#	90
95) Dibenzo(a,h)anthracene	28.87	278	29878m >	2.240	ng/ul >	07/13/21 JU

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