

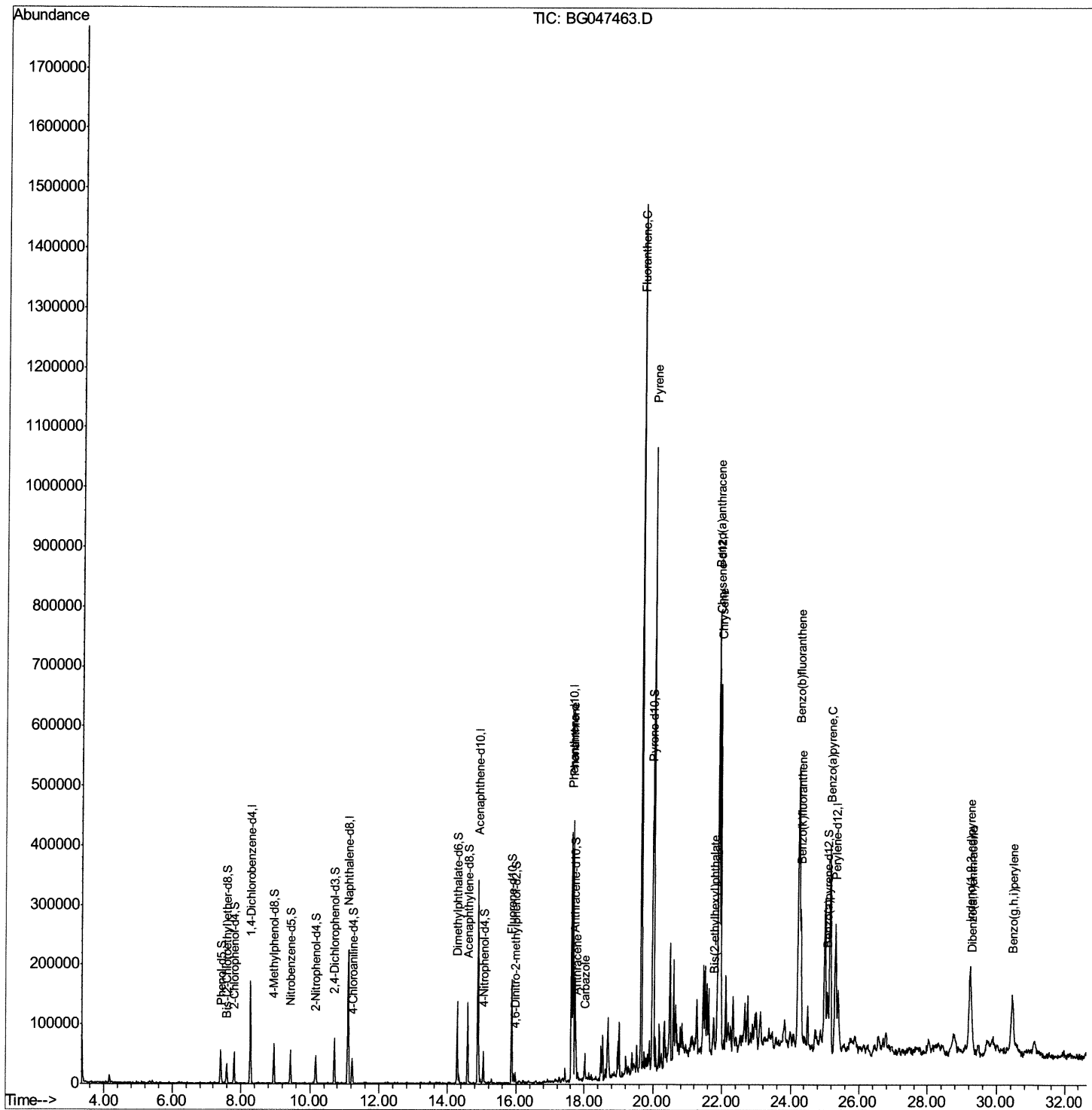
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047463.D
Acq On : 25 Nov 2020 2:14
Operator : CG/JU
Sample : L4749-21DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B47DL

Manual Integrations
APPROVED

mohammad
11/25/2020 12:49:06 PM

Quant Time: Nov 25 04:20:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

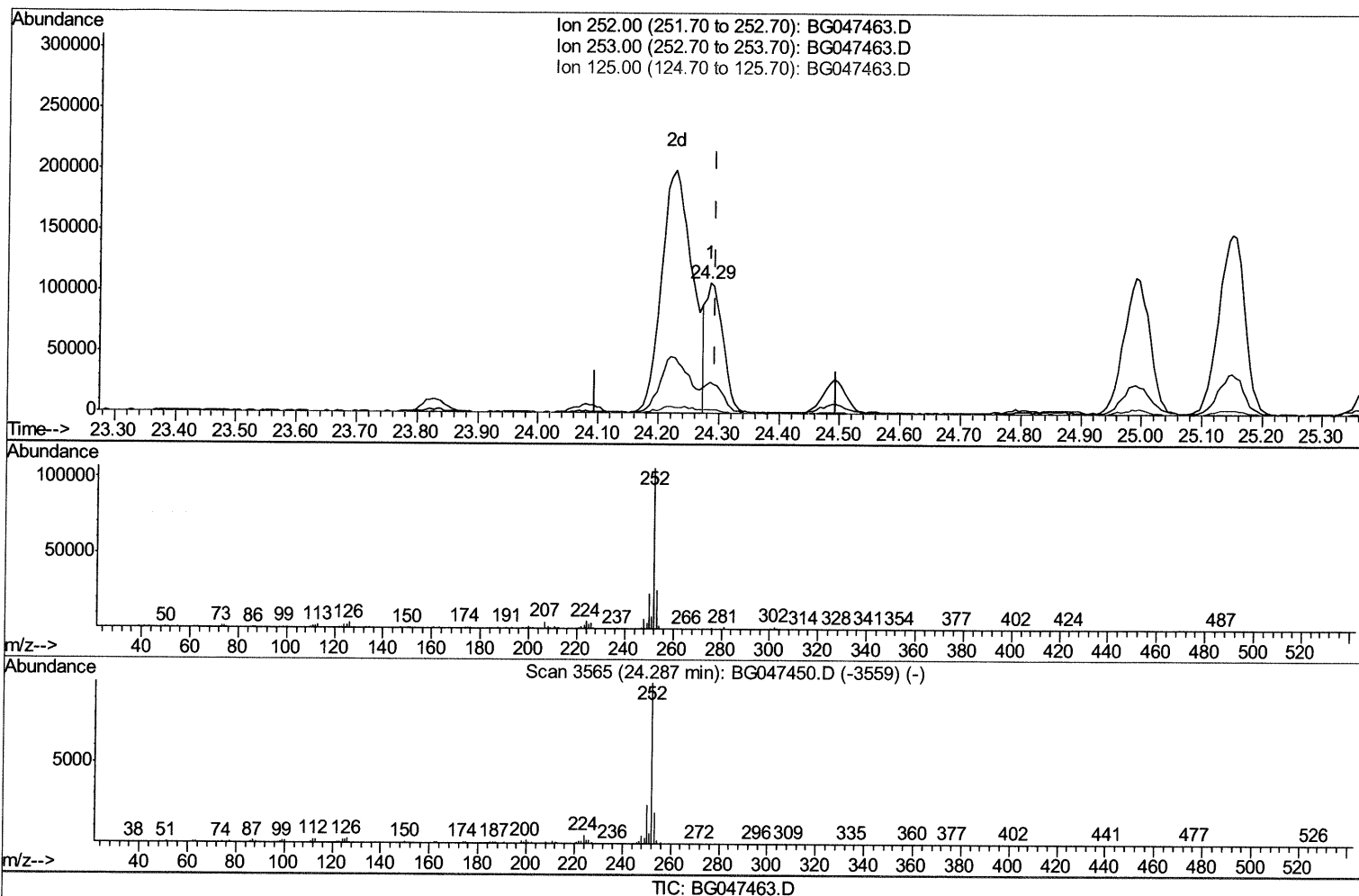
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(89) Benzo(k)fluoranthene

24.285min (-0.009) 11.44ng/ul

response 205224

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.78
125.00	2.70	2.51
0.00	0.00	0.00

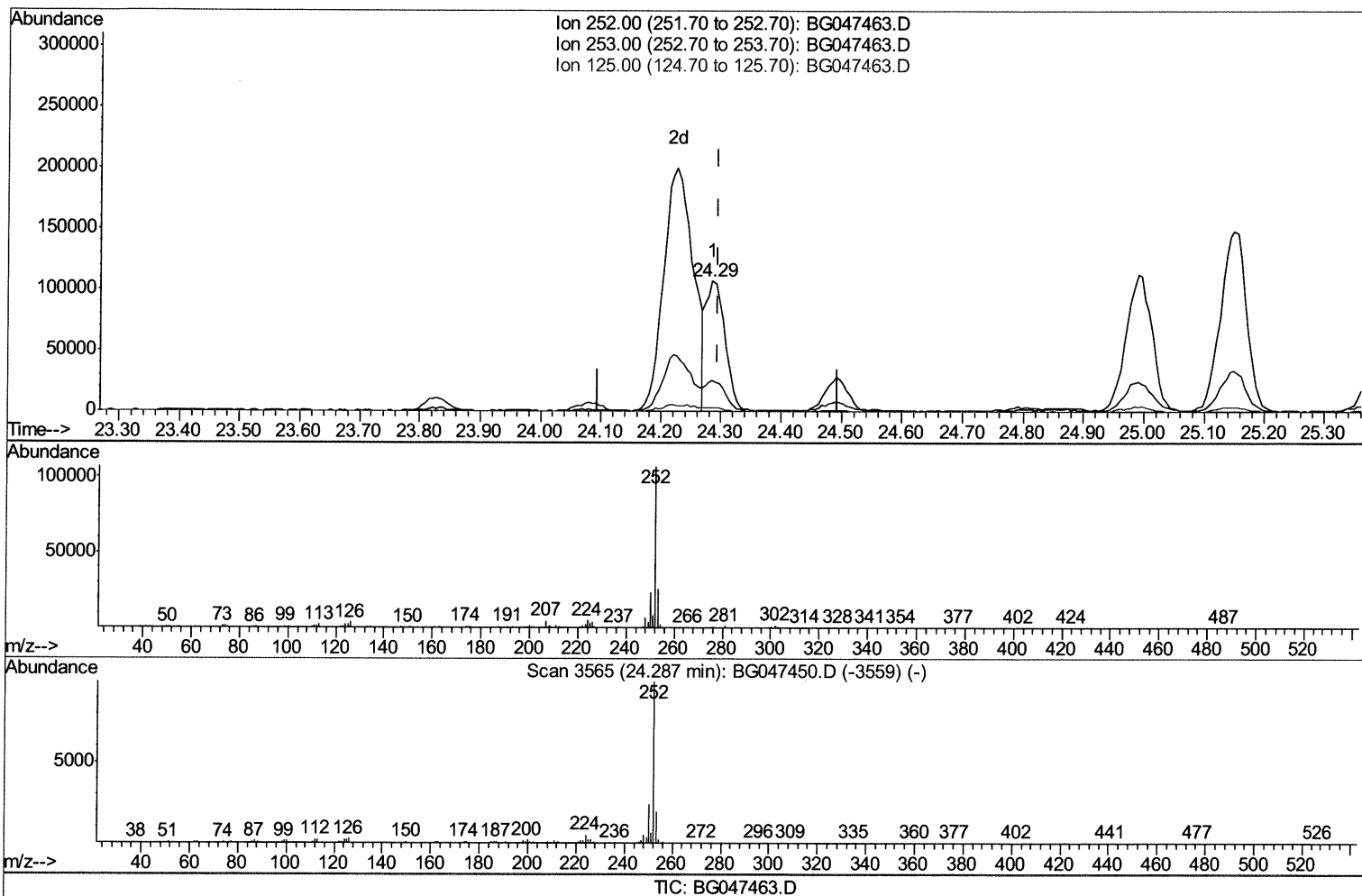
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(89) Benzo(k)fluoranthene

24.285min (-0.009) 13.16ng/ul m 11/25/2024

response 236028

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.78
125.00	2.70	2.51
0.00	0.00	0.00

Quantitation Report (Qedit)

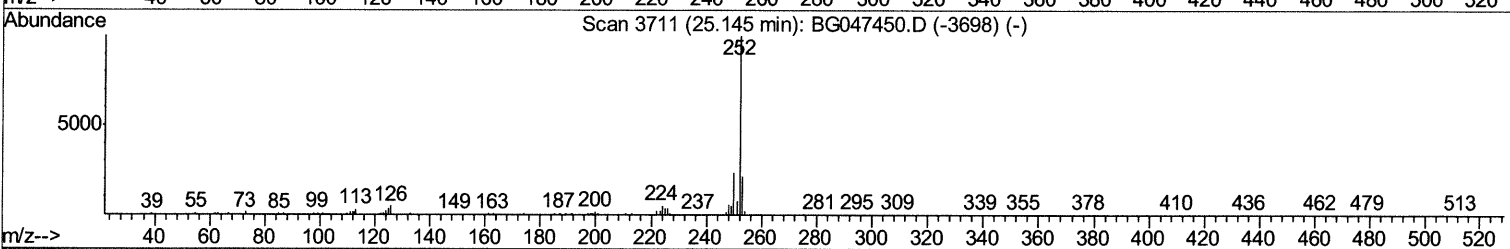
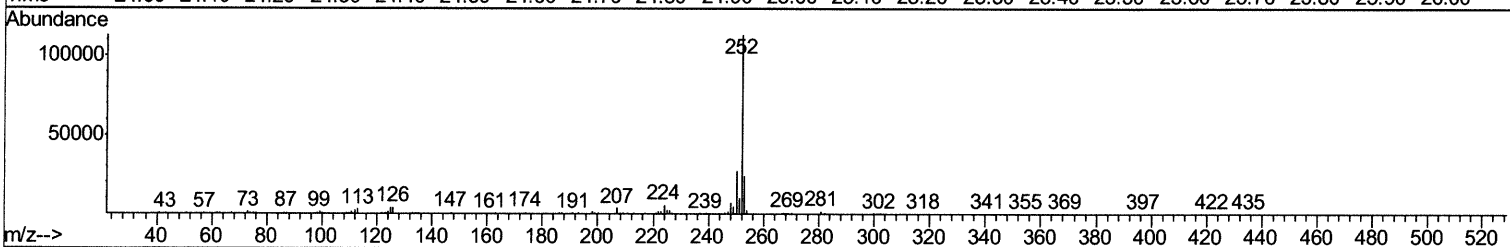
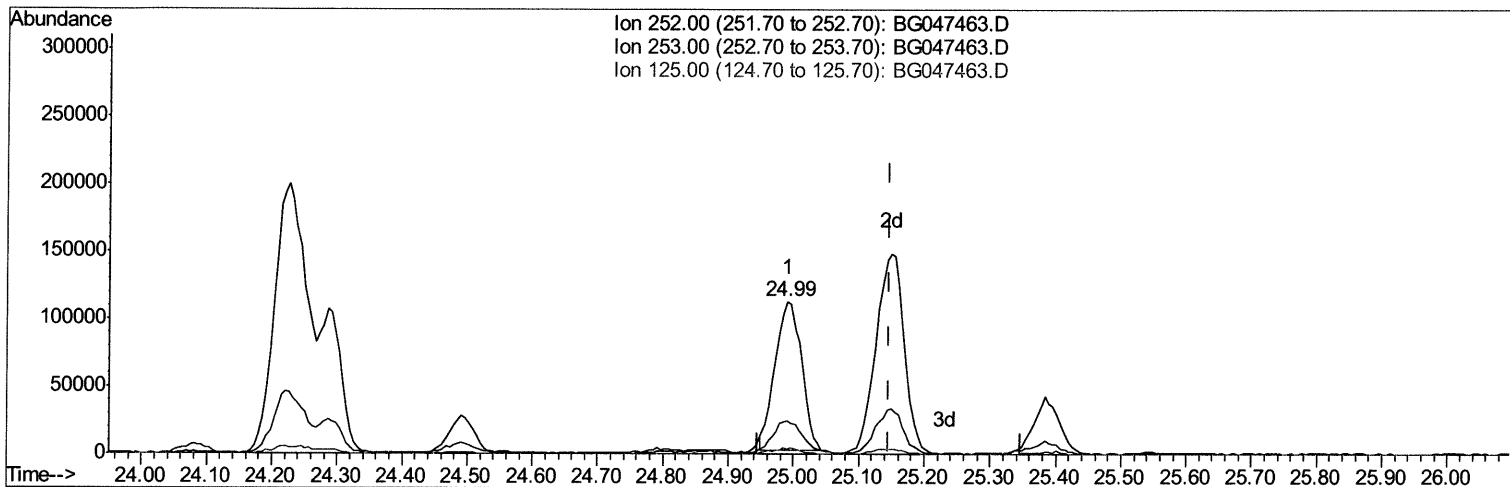
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TIC: BG047463.D

(91) Benzo(a)pyrene (C)

24.991min (-0.156) 19.24ng/ul

response 312148

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	21.62
125.00	3.90	3.27
0.00	0.00	0.00

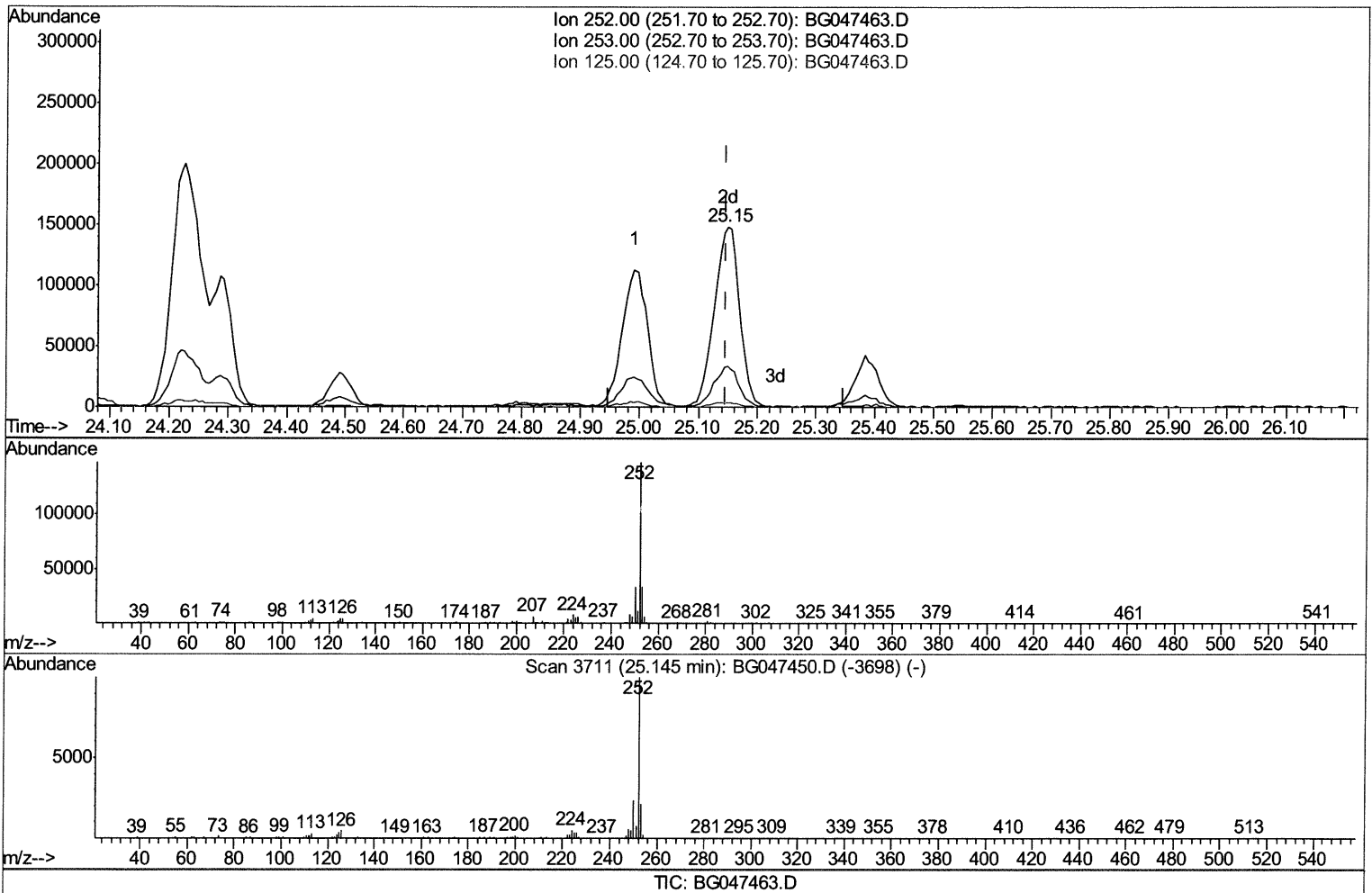
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(91) Benzo(a)pyrene (C)

25.149min (+0.002) 27.22ng/ul m 11/25/2020 JU

response 441492

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	22.44
125.00	3.90	2.57#
0.00	0.00	0.00

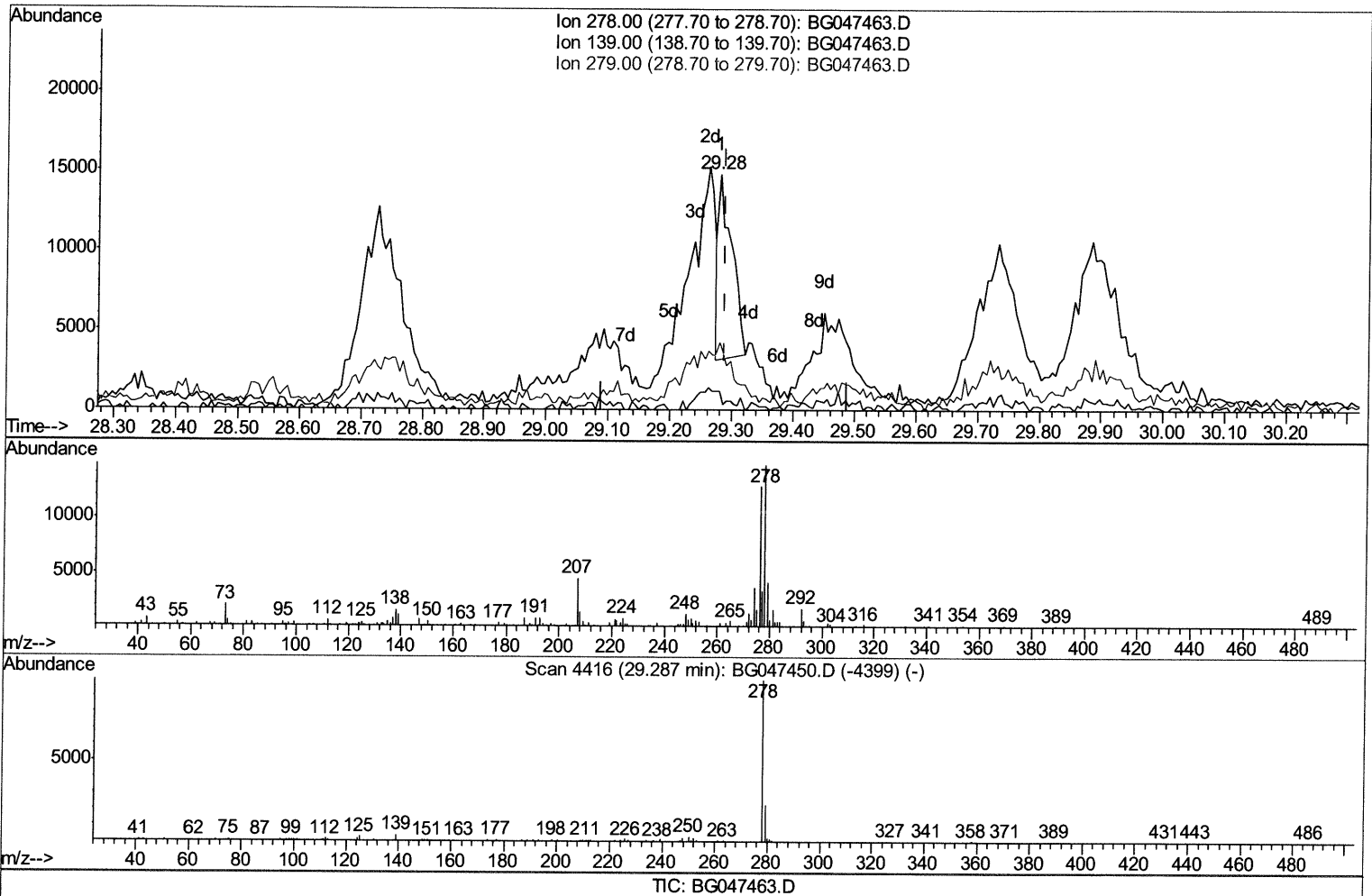
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(93) Dibenzo(a,h)anthracene

29.280min (-0.009) 1.04ng/ul

response 16797

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	8.01#
279.00	22.70	28.45#
0.00	0.00	0.00

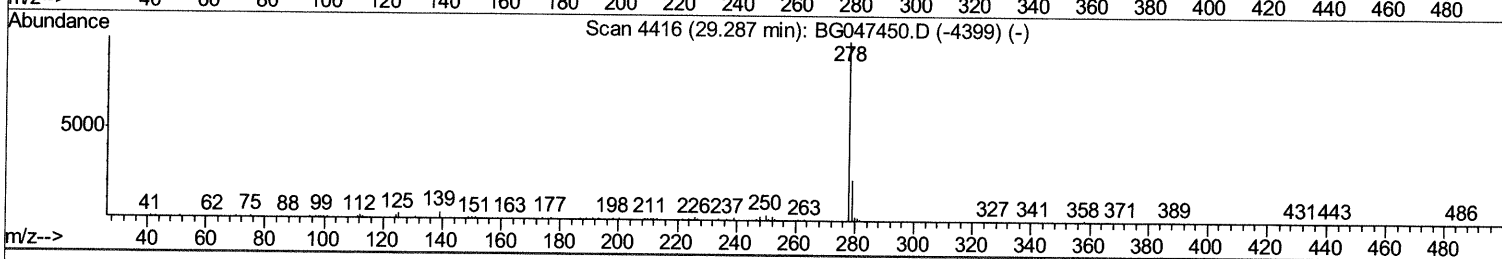
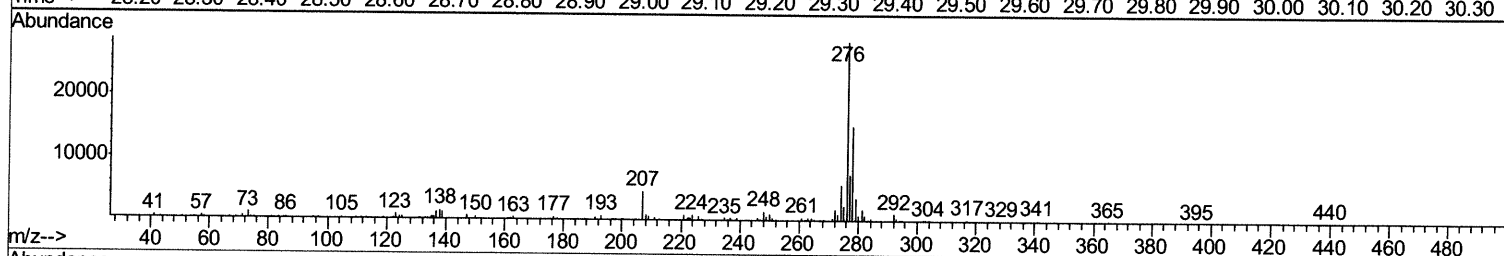
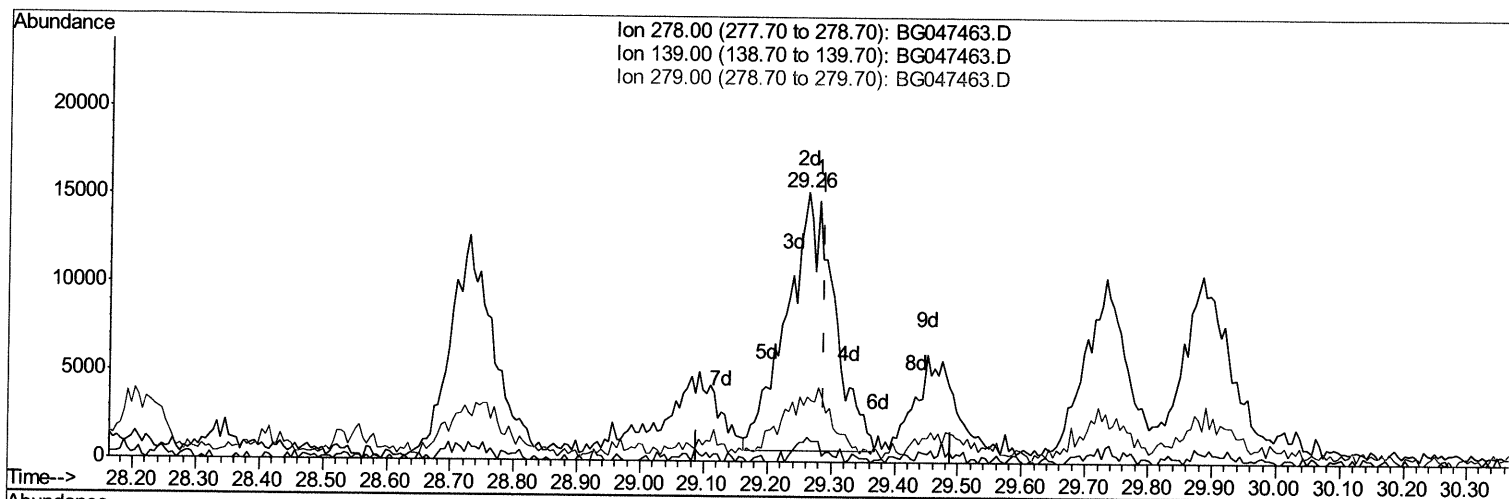
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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
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TIC: BG047463.D

(93) Dibenzo(a,h)anthracene

29.262min (-0.027) 4.74ng/ul m 11/25/2020

response 76713

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	8.92#
279.00	22.70	23.96
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
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Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	42468	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	168162	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	123501	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	273456	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	238098	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	257720	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	969	0.83	ng/uL	0.00
5) Phenol-d5	7.41	99	26258	6.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	14668	6.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	20159	7.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	19957	6.10	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	8725	6.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	11485	7.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	25572	7.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	18484	5.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	76984	7.26	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	95556	7.80	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	9174	5.67	ng/ul	0.00
58) Fluorene-d10	15.87	176	71676	7.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	3670	2.36	ng/ul	0.00
71) Anthracene-d10	17.72	188	102217	7.54	ng/ul	0.00
79) Pyrene-d10	19.98	212	114201	8.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	112858	7.61	ng/ul	0.00

Target Compounds

					Ovalue
70) Phenanthrene	17.66	178	263381	17.836 ng/ul	97
72) Anthracene	17.75	178	45807	3.080 ng/ul	98
75) Carbazole	18.01	167	23651	1.971 ng/ul	97
77) Fluoranthene	19.66	202	953916	51.149 ng/ul	99
80) Pyrene	20.01	202	749483	44.438 ng/ul	98
83) Benzo(a)anthracene	21.88	228	442910	26.144 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.76	149	10893	1.319 ng/ul#	95
85) Chrysene	21.95	228	492738	30.564 ng/ul	96
88) Benzo(b)fluoranthene	24.23	252	681300	37.441 ng/ul#	96
89) Benzo(k)fluoranthene	24.29	252	236028m	13.162 ng/ul	11/25/2020
91) Benzo(a)pyrene	25.15	252	441492m	27.217 ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.21	276	296702	15.037 ng/ul	96
93) Dibenzo(a,h)anthracene	29.26	278	76713m	4.742 ng/ul >	11/25/2020
94) Benzo(a,h,i)perylene	30.45	276	221313	13.593 ng/ul#	98

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