

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062091.D
 Acq On : 16 Jul 2024 12:51
 Operator : MA/JU
 Sample : P3177-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX8

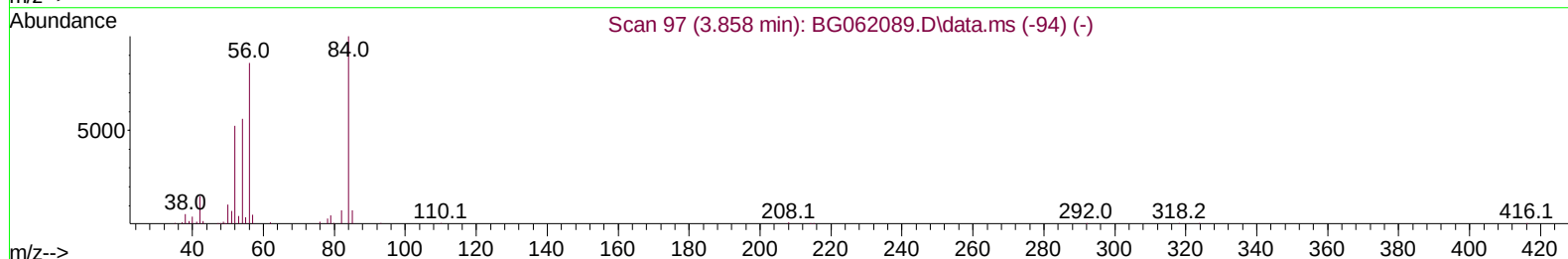
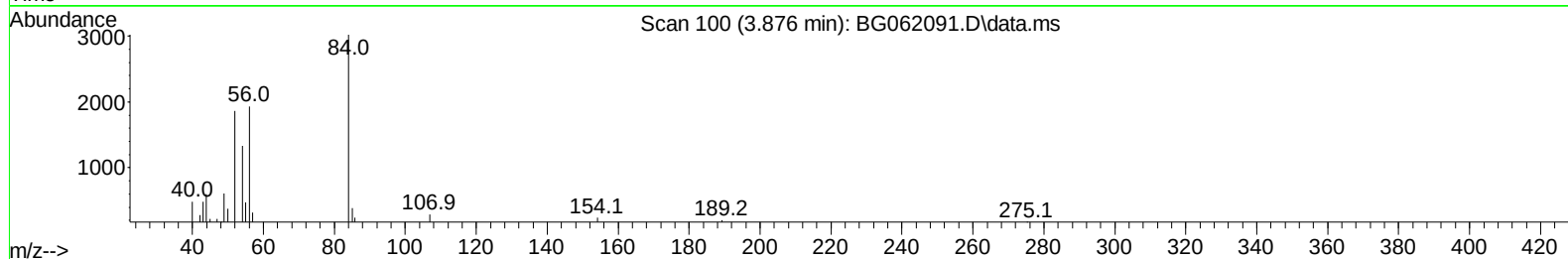
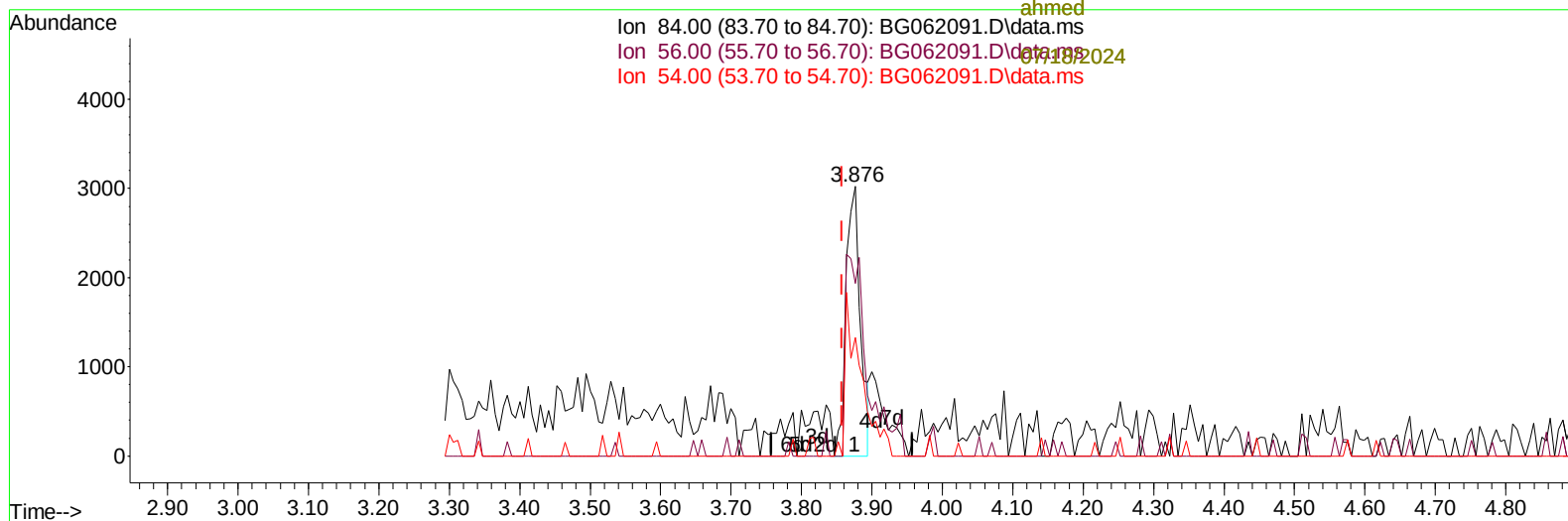
Manual IntegrationsAPPROVED

Quant Time: Jul 16 13:23:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

Reviewed By :Jagrut
 Upadhyay

07/17/2024
 Supervised By :mohammad
 ahmed

Ion 84.00 (83.70 to 84.70): BG062091.D\data.ms
 Ion 56.00 (55.70 to 56.70): BG062091.D\data.ms
 Ion 54.00 (53.70 to 54.70): BG062091.D\data.ms



TIC: BG062091.D\data.ms

(4) Pyridine-d5 (S)

3.876min (+ 0.018) 1.22 ng/uL

response 4238

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	86.20	64.03#
54.00	45.40	43.94
0.00	0.00	0.00

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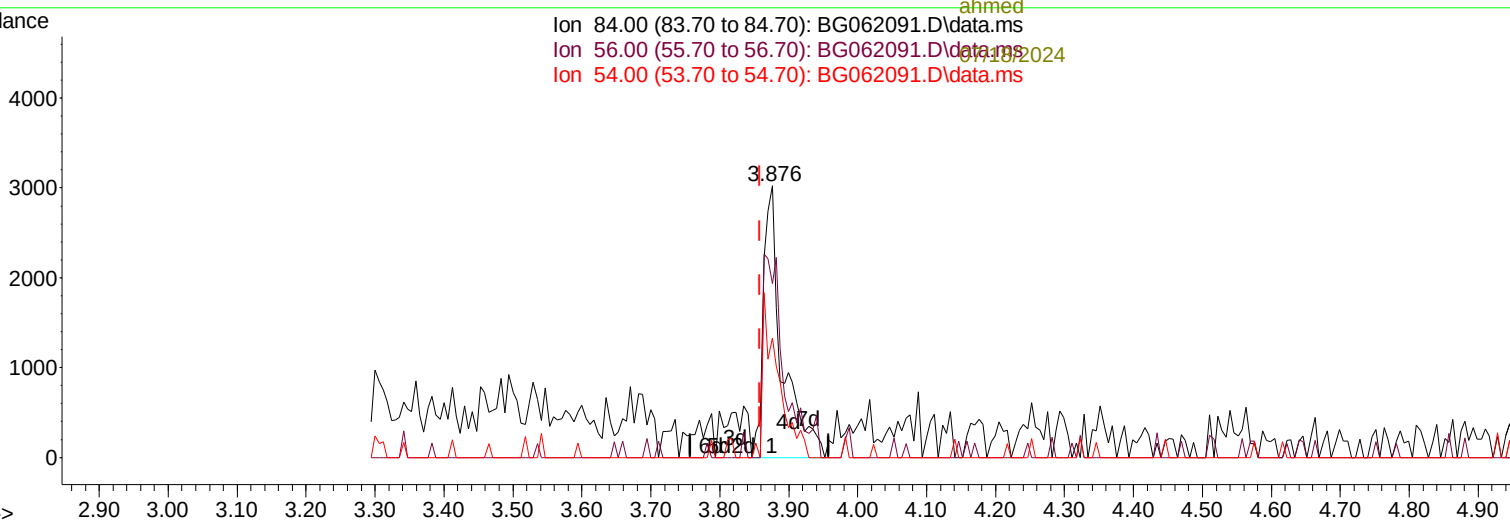
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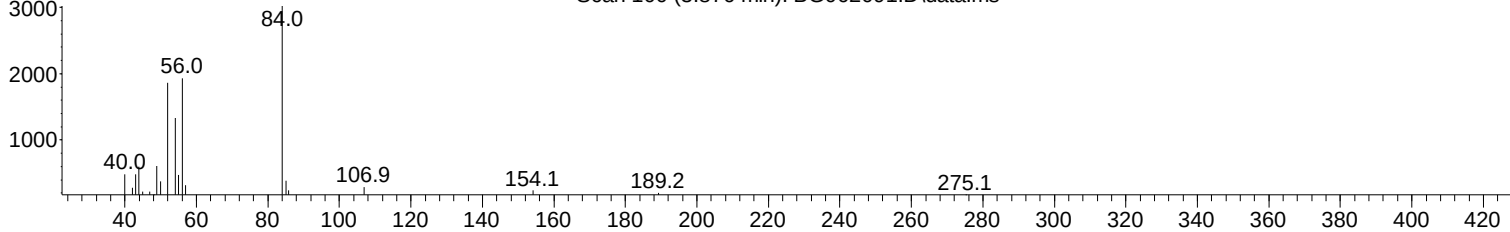
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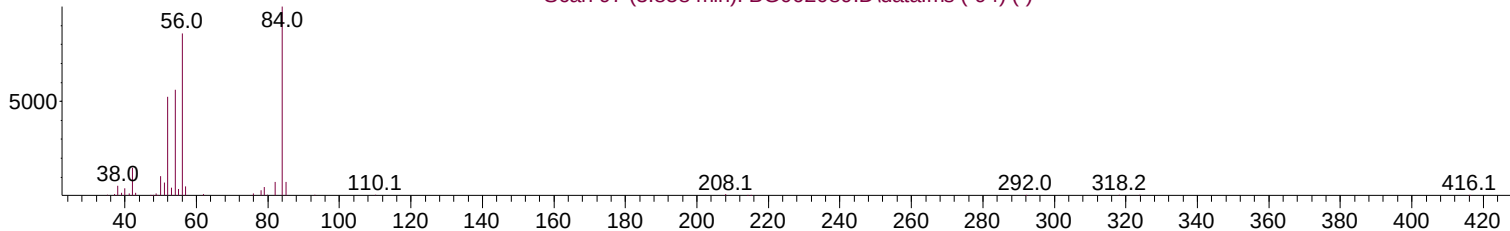
Ion 84.00 (83.70 to 84.70): BG062091.D\data.ms
 Ion 56.00 (55.70 to 56.70): BG062091.D\data.ms
 Ion 54.00 (53.70 to 54.70): BG062091.D\data.ms



Scan 100 (3.876 min): BG062091.D\data.ms



Scan 97 (3.858 min): BG062091.D\data.ms (-94) (-)



TIC: BG062091.D\data.ms

(4) Pyridine-d5 (S)

3.876min (+ 0.018) 1.65 ng/ul m

response 5712

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	86.20	64.03#
54.00	45.40	43.94
0.00	0.00	0.00

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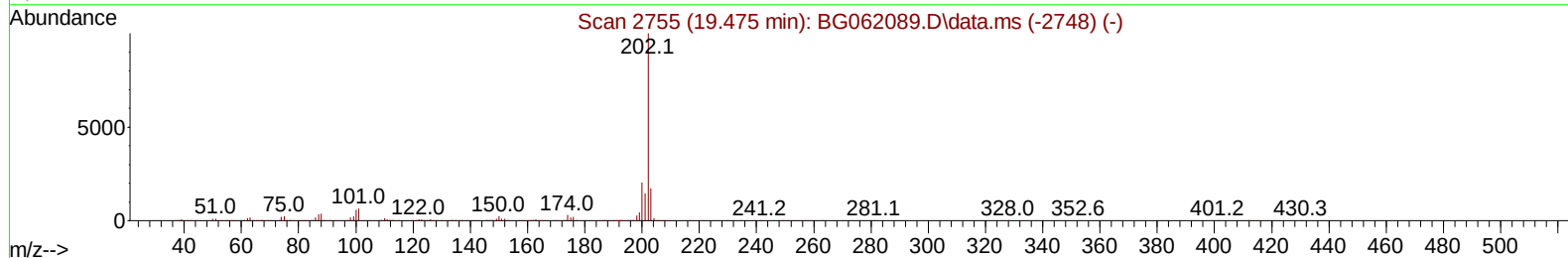
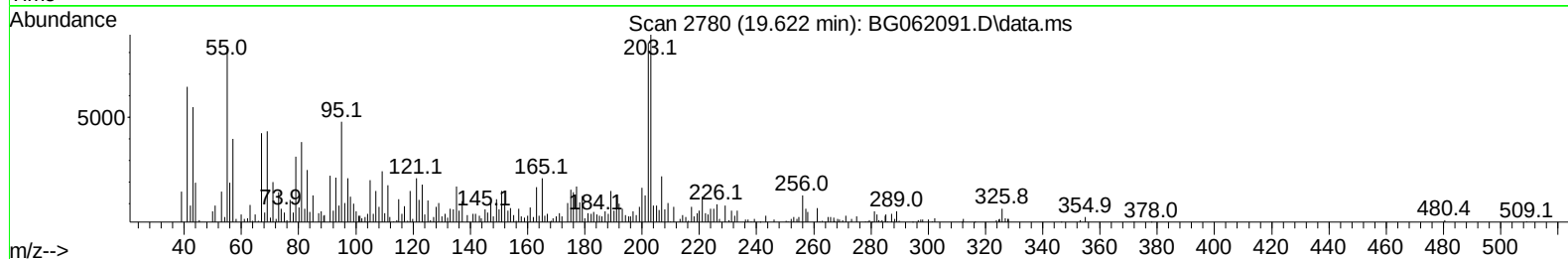
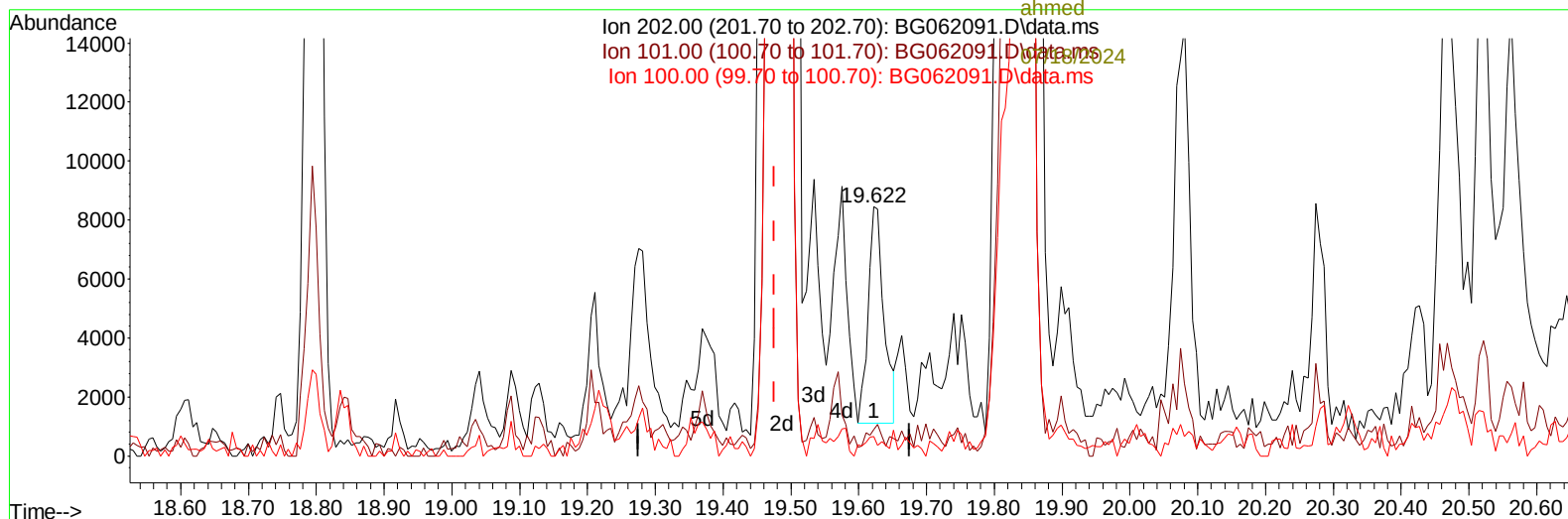
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Quant Time: Jul 16 13:37:29 2024
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TIC: BG062091.D\data.ms

(80) Fluoranthene

19.622min (+ 0.147) 0.55 ng/u1

response 11950

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.30	10.62
100.00	8.30	7.68
0.00	0.00	0.00

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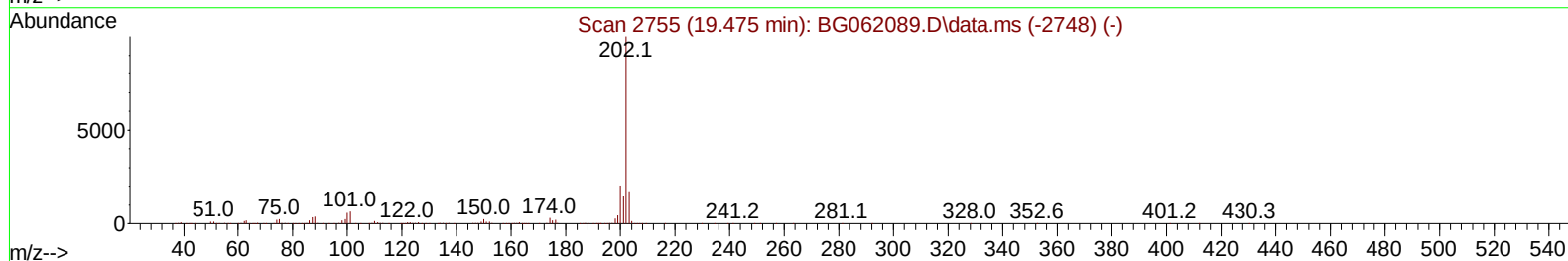
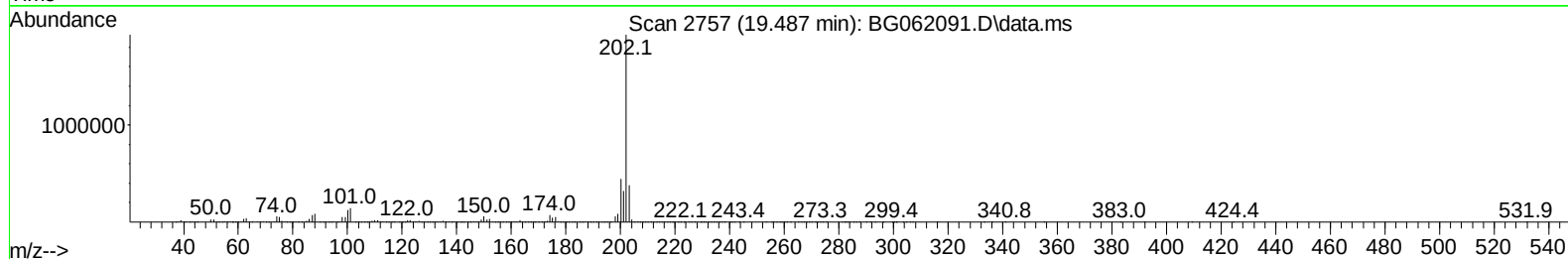
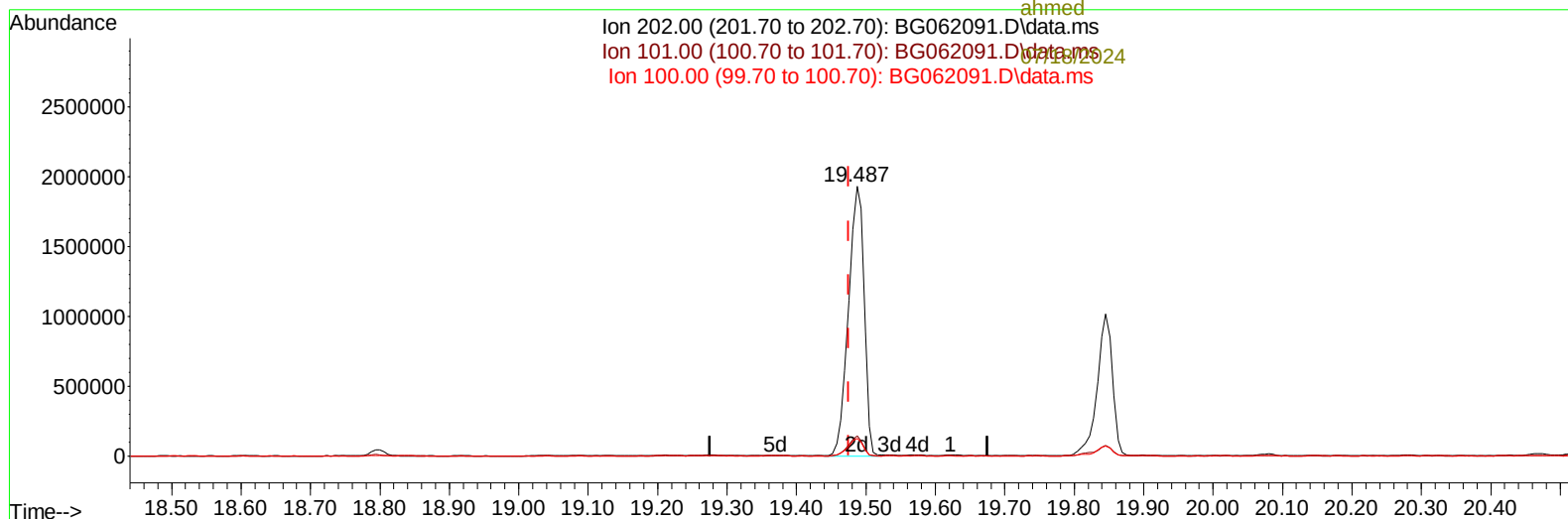
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TIC: BG062091.D\data.ms

(80) Fluoranthene

19.487min (+ 0.012) 139.19 ng/ul m

response 3012618

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.30	7.35#
100.00	8.30	6.62#
0.00	0.00	0.00

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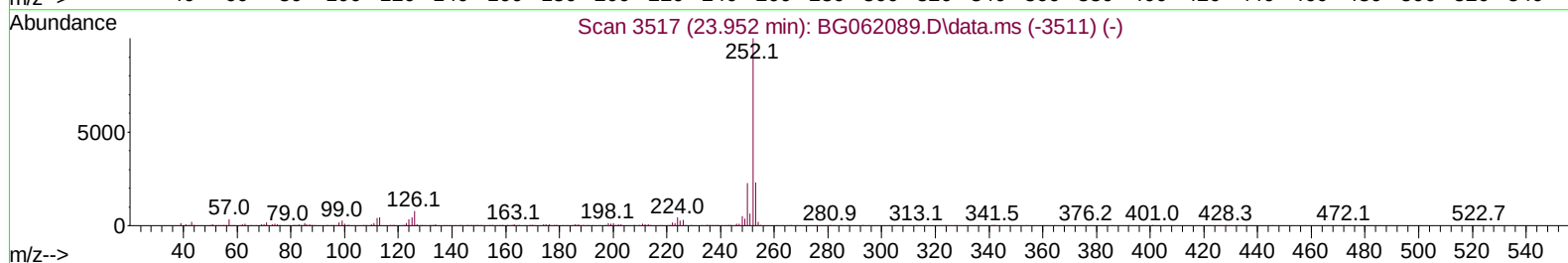
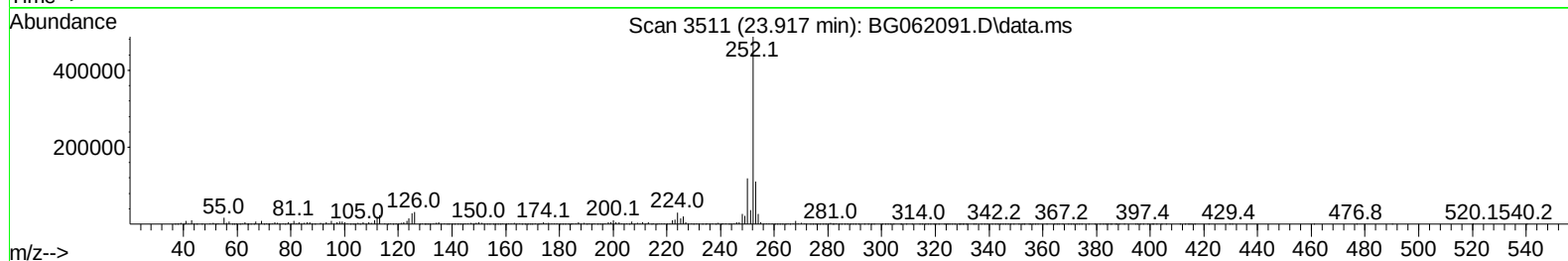
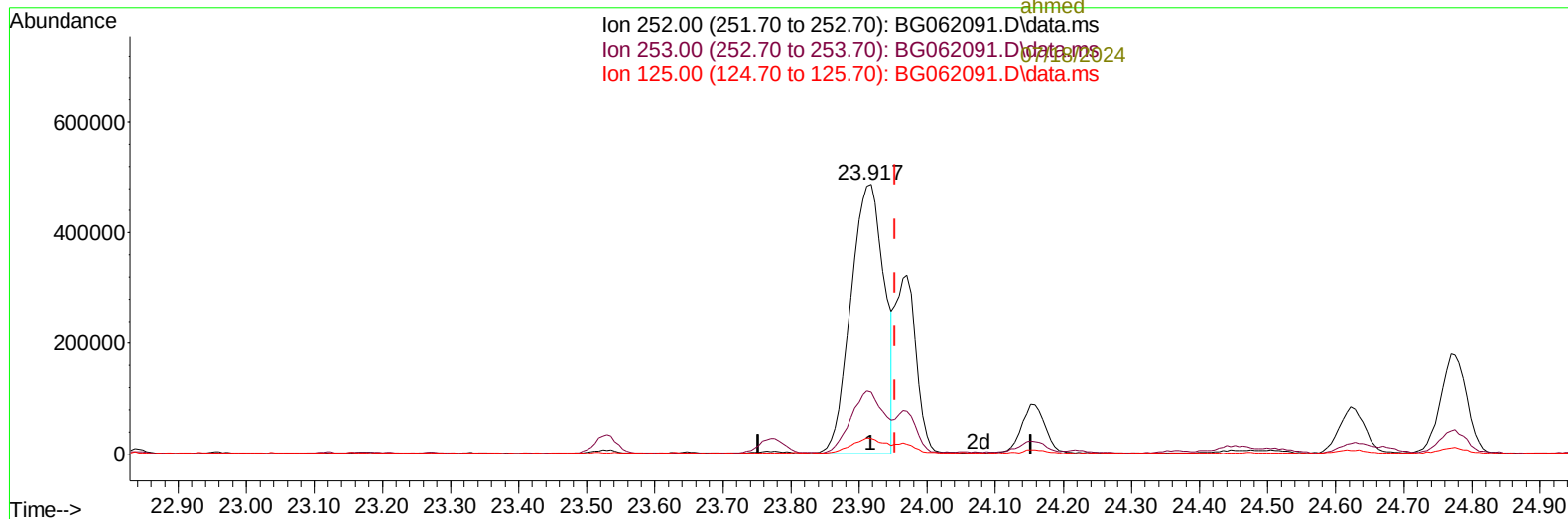
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Ion 252.00 (251.70 to 252.70): BG062091.D\data.ms
Ion 253.00 (252.70 to 253.70): BG062091.D\data.ms
Ion 125.00 (124.70 to 125.70): BG062091.D\data.ms



TIC: BG062091.D\data.ms

(91) Benzo(k)fluoranthene

23.917min (-0.035) 68.61 ng/u1

response 1665664

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.90
125.00	7.90	5.70#
0.00	0.00	0.00

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Instrument :
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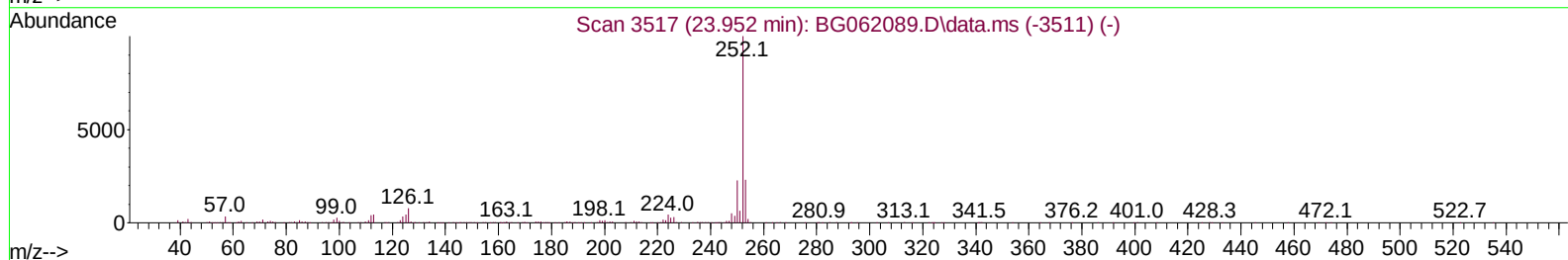
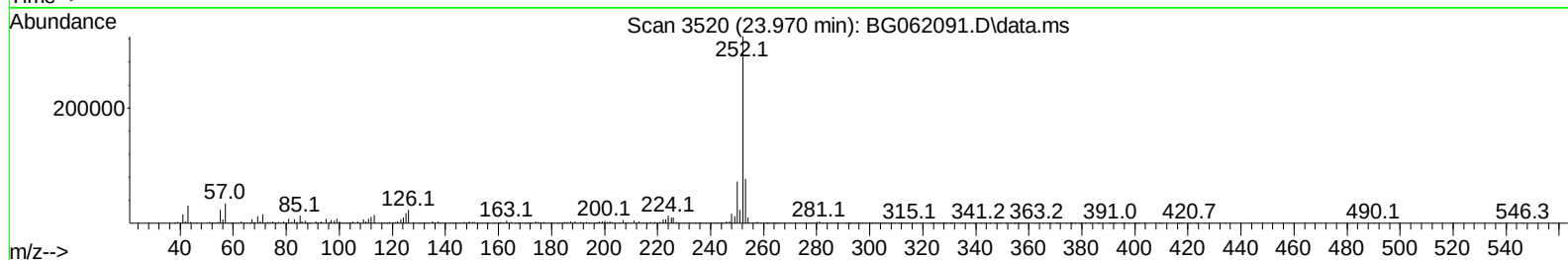
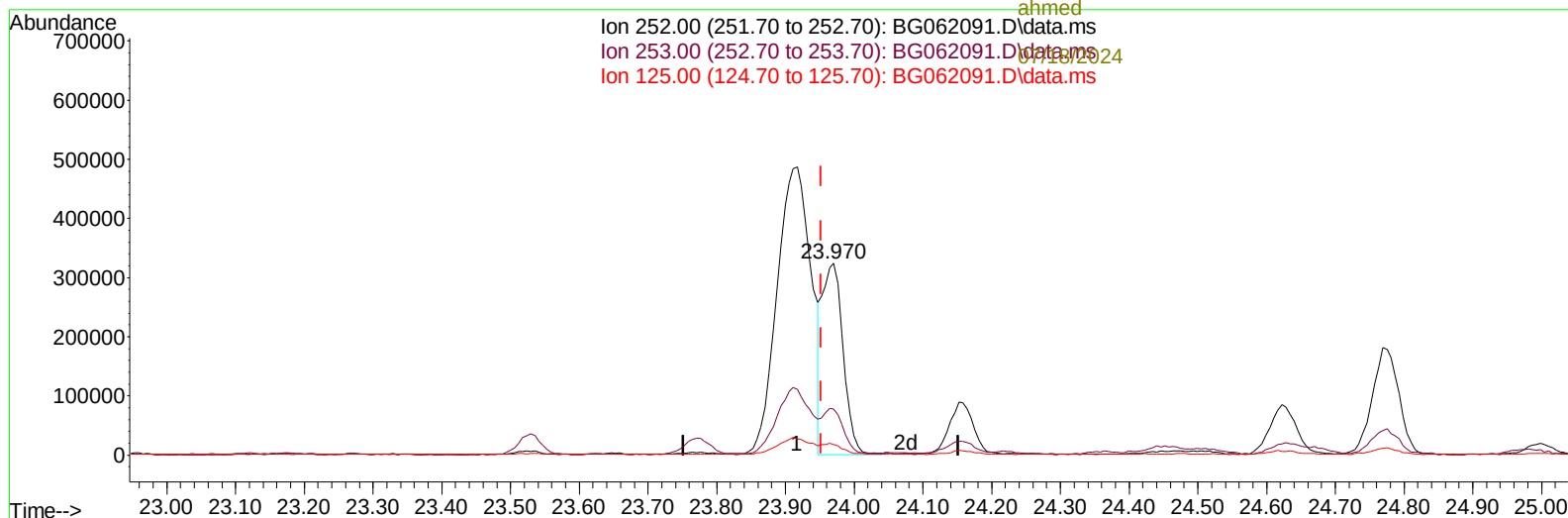
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Ion 252.00 (251.70 to 252.70): BG062091.D\data.ms
 Ion 253.00 (252.70 to 253.70): BG062091.D\data.ms
 Ion 125.00 (124.70 to 125.70): BG062091.D\data.ms



TIC: BG062091.D\data.ms

(91) Benzo(k)fluoranthene

23.970min (+ 0.018) 28.33 ng/ul m

response 687790

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	23.93
125.00	7.90	5.63#
0.00	0.00	0.00

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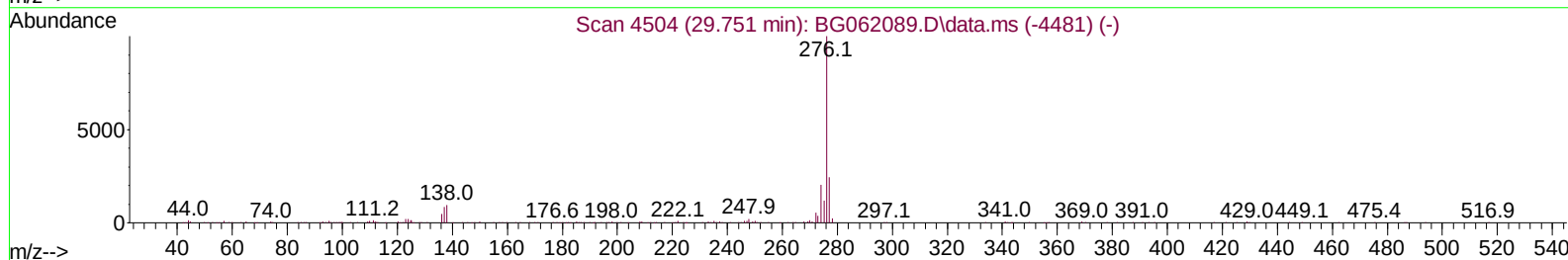
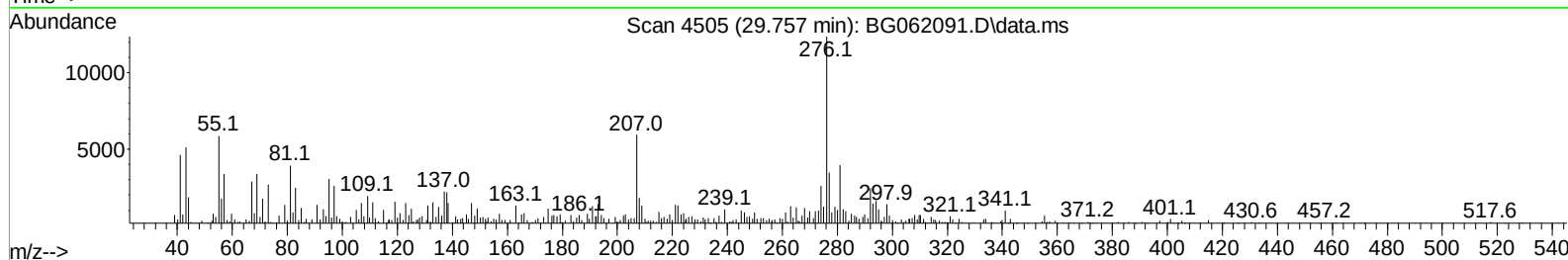
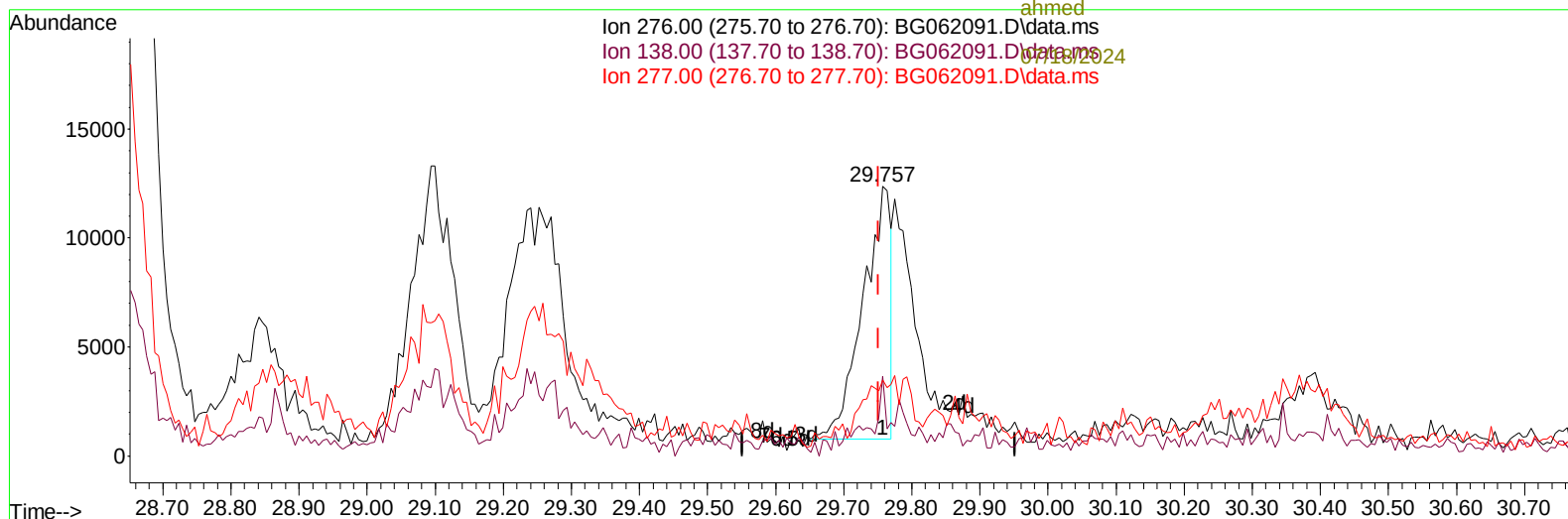
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Ion 276.00 (275.70 to 276.70): BG062091.D\data.ms
 Ion 138.00 (137.70 to 138.70): BG062091.D\data.ms
 Ion 277.00 (276.70 to 277.70): BG062091.D\data.ms



TIC: BG062091.D\data.ms

(96) Benzo(g,h,i)perylene

29.757min (+ 0.006) 1.41 ng/u1

response 32946

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	29.55#
277.00	23.50	28.17
0.00	0.00	0.00

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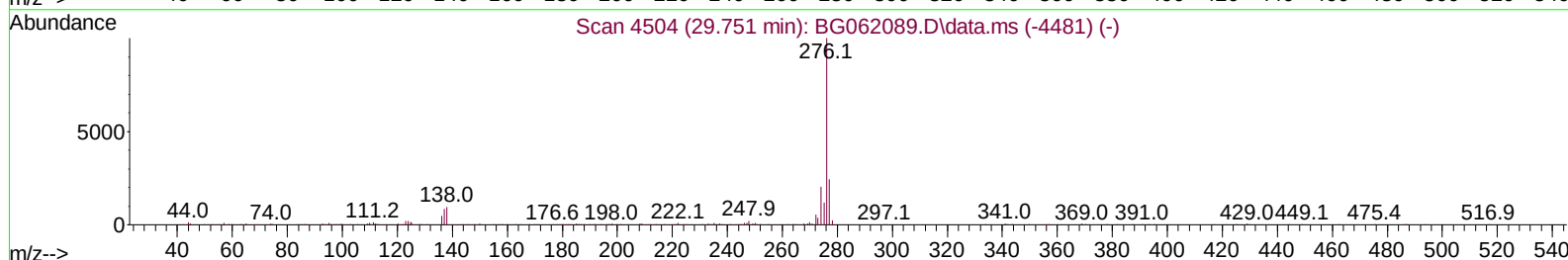
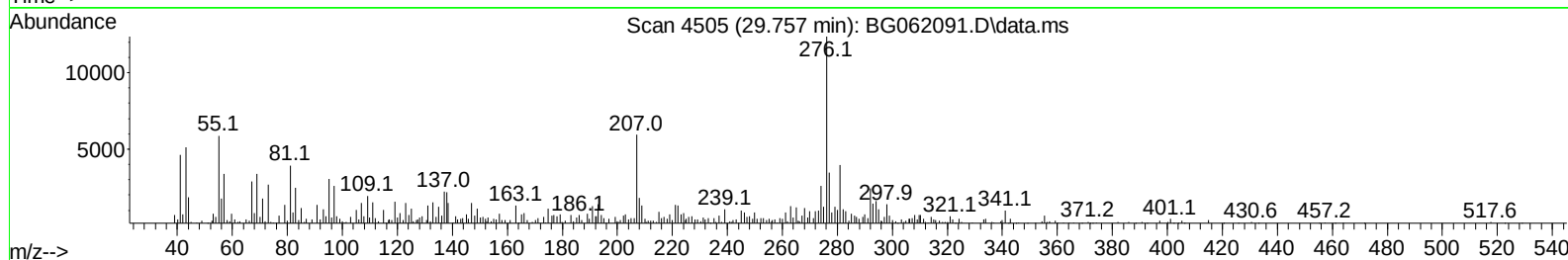
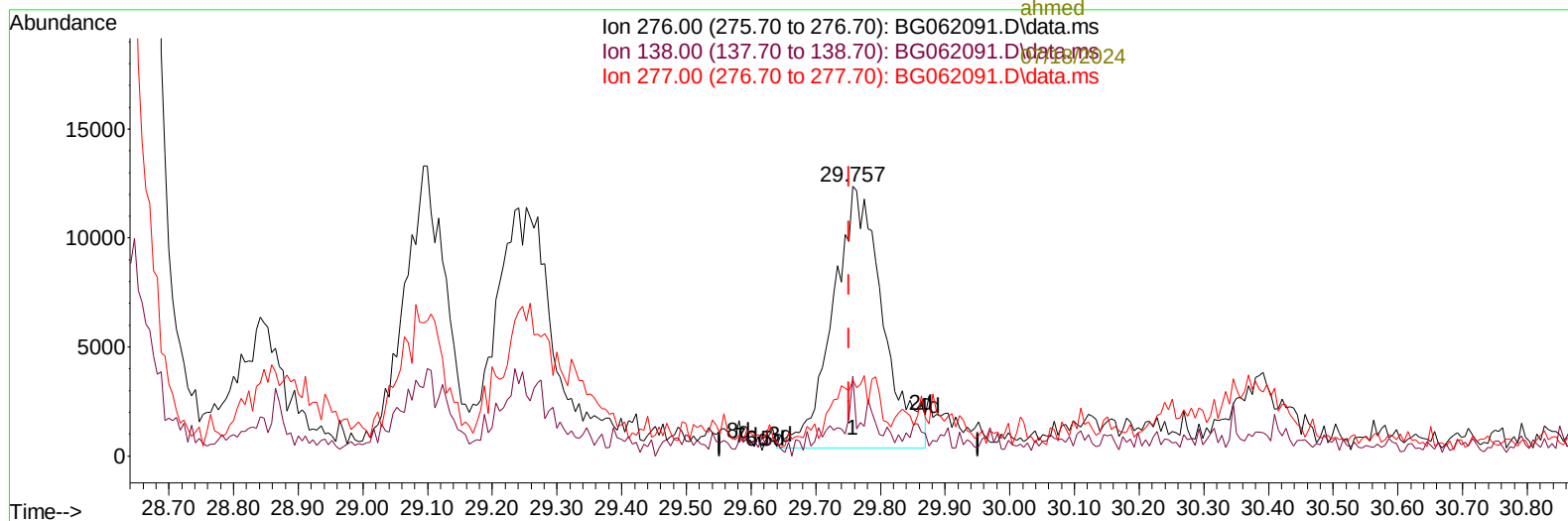
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 Upadhyay

07/17/2024
 Supervised By :mohammad
 ahmed

Ion 276.00 (275.70 to 276.70): BG062091.D\data.ms
 Ion 138.00 (137.70 to 138.70): BG062091.D\data.ms
 Ion 277.00 (276.70 to 277.70): BG062091.D\data.ms



TIC: BG062091.D\data.ms

(96) Benzo(g,h,i)perylene

29.757min (+ 0.006) 2.74 ng/ul m

response 64206

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	17.70#
277.00	23.50	28.17
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----07/18/2024						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	42373	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	215192	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.681	164	162231	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.431	188	360668	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.696	240	310926	20.000	ng/ul	# 0.00
88) Perylene-d12	24.922	264	386411	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	2125	1.885	ng/uL	0.00
4) Pyridine-d5	3.876	84	5712m	1.647	ng/ul	0.02
7) Phenol-d5	7.219	99	66480	14.336	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.372	67	34056	11.597	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	44660	14.040	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	54428	14.907	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	24406	14.913	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	30077	16.093	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	63715	17.674	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	41533	7.936	ng/ul	0.00
46) Dimethylphthalate-d6	14.082	166	230270	17.265	ng/ul	0.00
49) Acenaphthylene-d8	14.376	160	238049	17.069	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	26501	12.442	ng/ul	0.00
60) Fluorene-d10	15.674	176	192271	17.124	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	33713	17.798	ng/ul	0.00
73) Anthracene-d10	17.531	188	299175	17.767	ng/ul	0.00
81) Pyrene-d10	19.810	212	234859	12.842	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.705	264	165904	8.657	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.915	128	617747	52.260	ng/ul	96
36) 2-Methylnaphthalene	12.513	142	144406	16.863	ng/ul	97
37) 1-Methylnaphthalene	12.730	142	73535	8.263	ng/ul#	96
43) 1,1'-Biphenyl	13.512	154	54101	4.328	ng/ul#	97
52) Acenaphthene	14.746	153	251280	23.774	ng/ul	96
56) Dibenzofuran	15.081	168	422914	28.311	ng/ul	92
61) Fluorene	15.727	166	395237	31.112	ng/ul	94
72) Phenanthrene	17.484	178	3252809	171.045	ng/ul	95
74) Anthracene	17.566	178	672401	34.213	ng/ul	97
77) Carbazole	17.836	167	370125	22.378	ng/ul	98
80) Fluoranthene	19.487	202	3012618m	139.194	ng/ul	
82) Pyrene	19.846	202	1563898	69.952	ng/ul#	91
85) Benzo(a)anthracene	21.679	228	1418878	63.027	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.555	149	53390	3.965	ng/ul	97
87) Chrysene	21.743	228	1275591	60.527	ng/ul	97
90) Benzo(b)fluoranthene	23.917	252	1665664	68.418	ng/ul#	96
91) Benzo(k)fluoranthene	23.970	252	687790m	28.331	ng/ul	
93) Benzo(a)pyrene	24.769	252	483610	20.978	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.624	276	526135	17.859	ng/ul	96
95) Dibenzo(a,h)anthracene	28.671	278	255314	10.493	ng/ul	98
96) Benzo(g,h,i)perylene	29.757	276	64206m	2.739	ng/ul	

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ahmed

07/18/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

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

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