

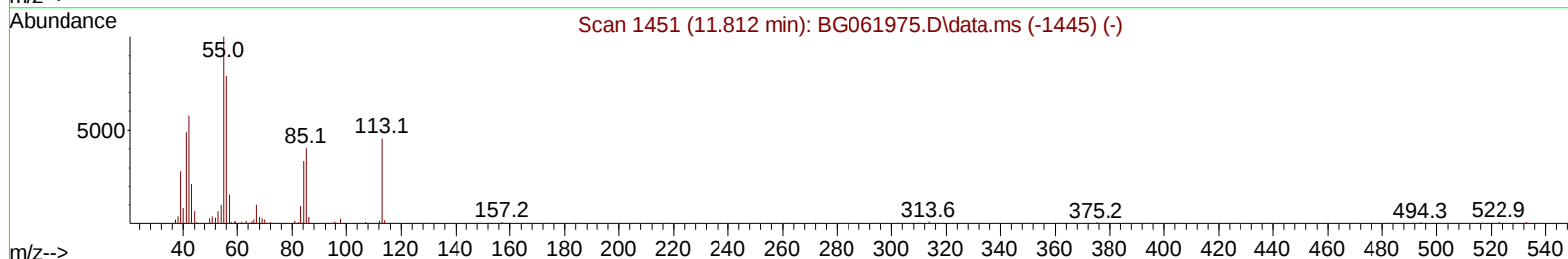
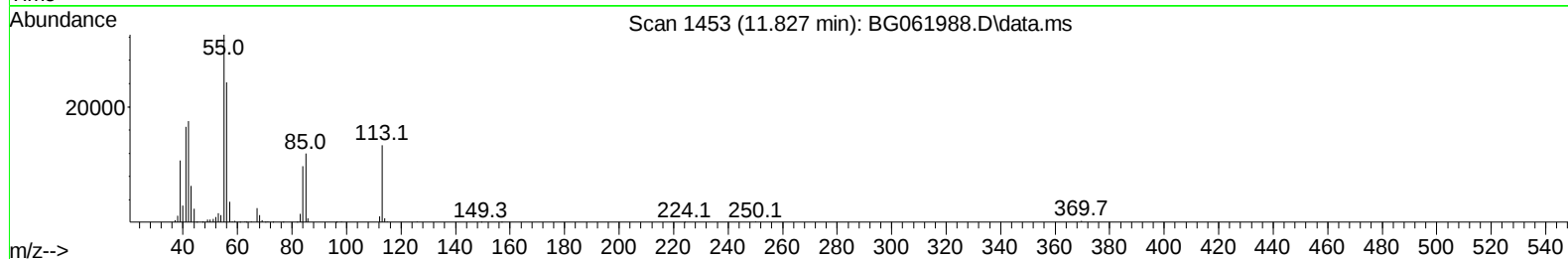
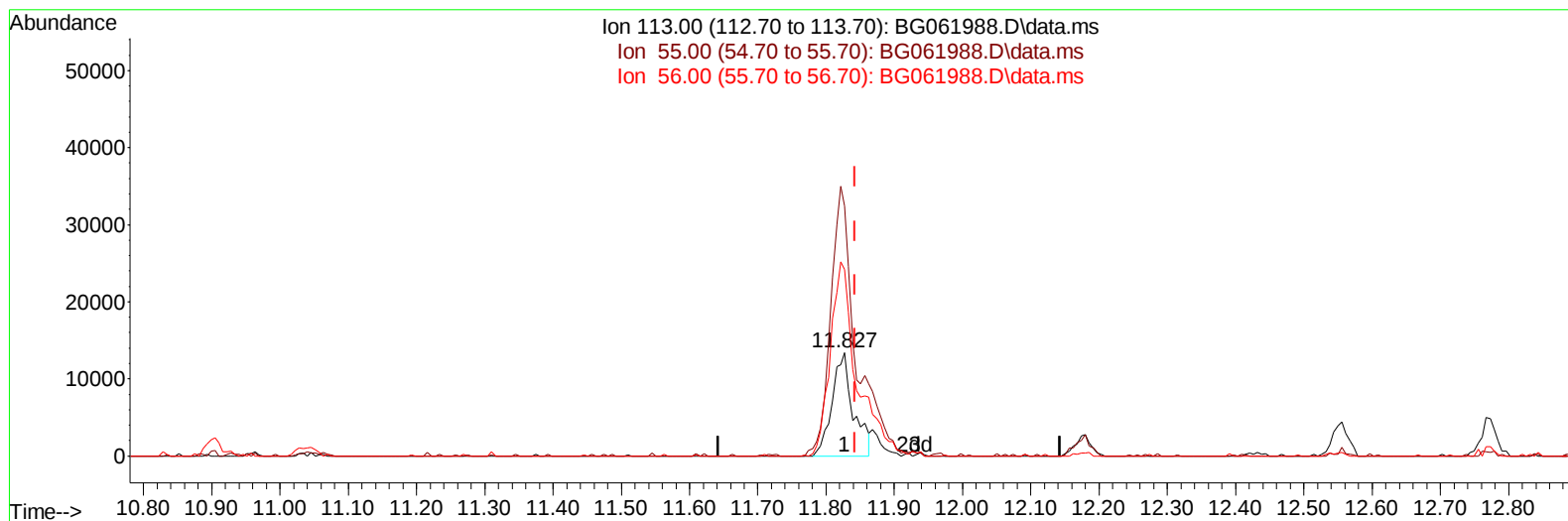
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061988.D
Acq On : 10 Jul 2024 00:51
Operator : MA/JU
Sample : PB161824BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS824

Manual IntegrationsAPPROVED

Quant Time: Jul 10 01:33:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024



TIC: BG061988.D\data.ms

(34) Caprolactam

11.827min (-0.015) 25.17 ng/ul

response 29181

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	241.50
56.00	168.80	180.35
0.00	0.00	0.00

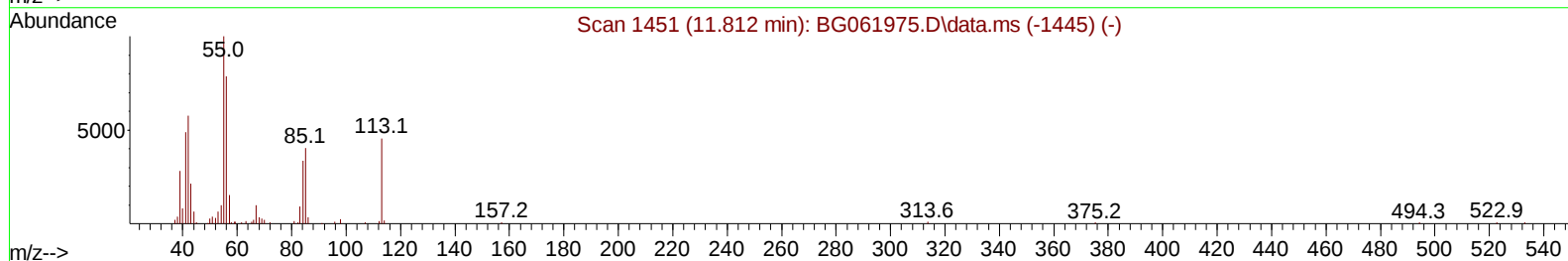
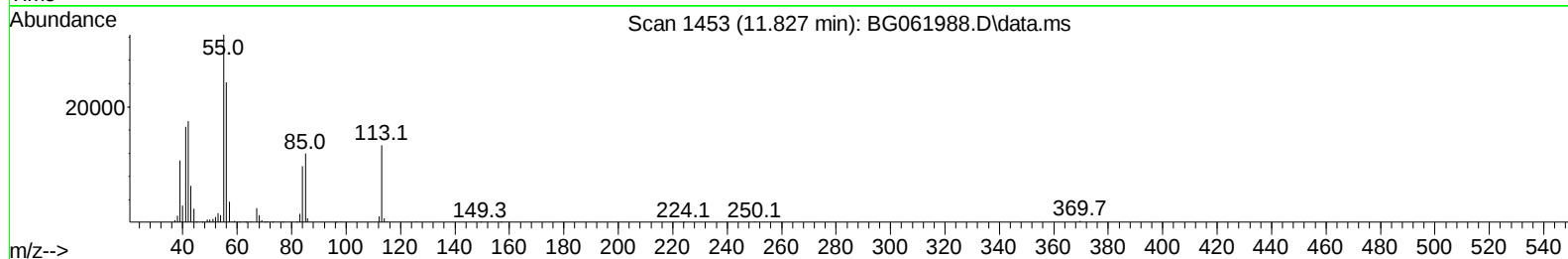
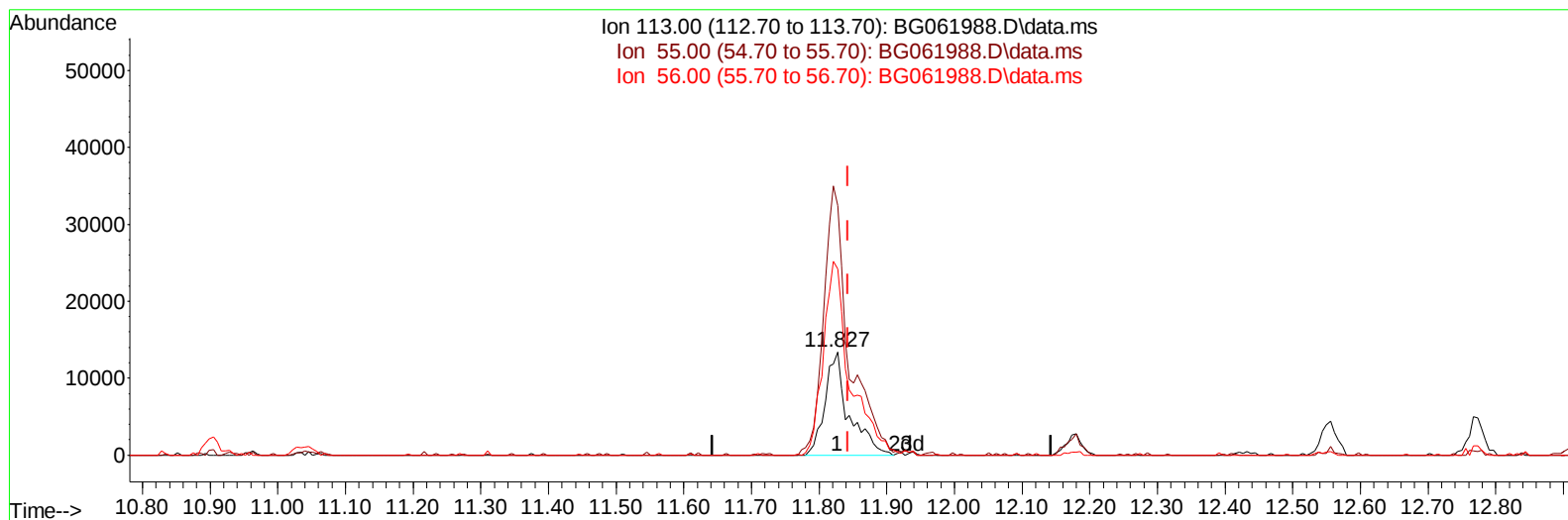
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TIC: BG061988.D\data.ms

(34) Caprolactam

11.827min (-0.015) 28.24 ng/ul m

response 32739

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	241.50
56.00	168.80	180.35
0.00	0.00	0.00

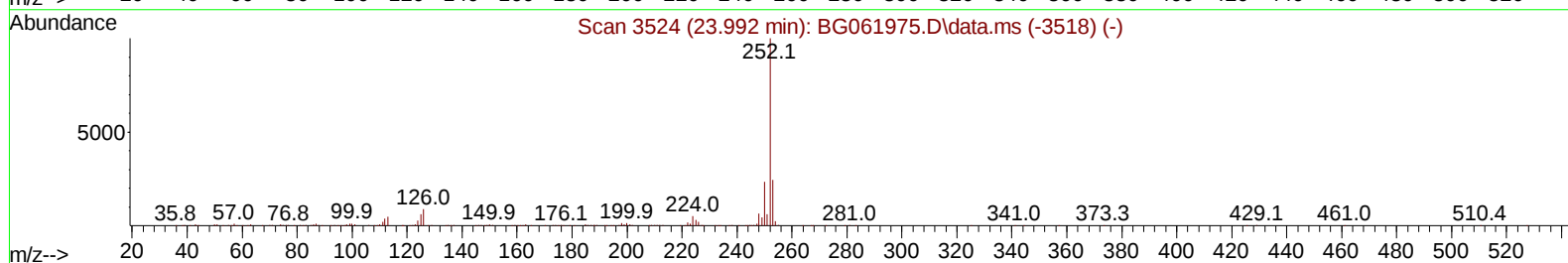
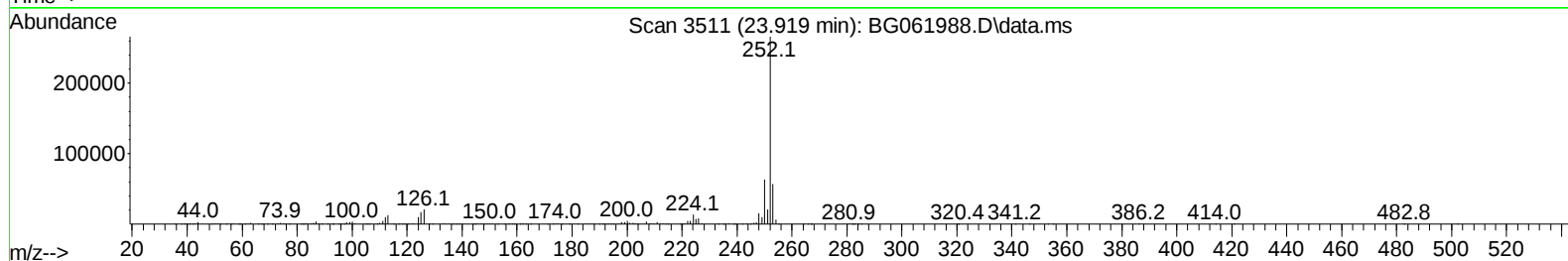
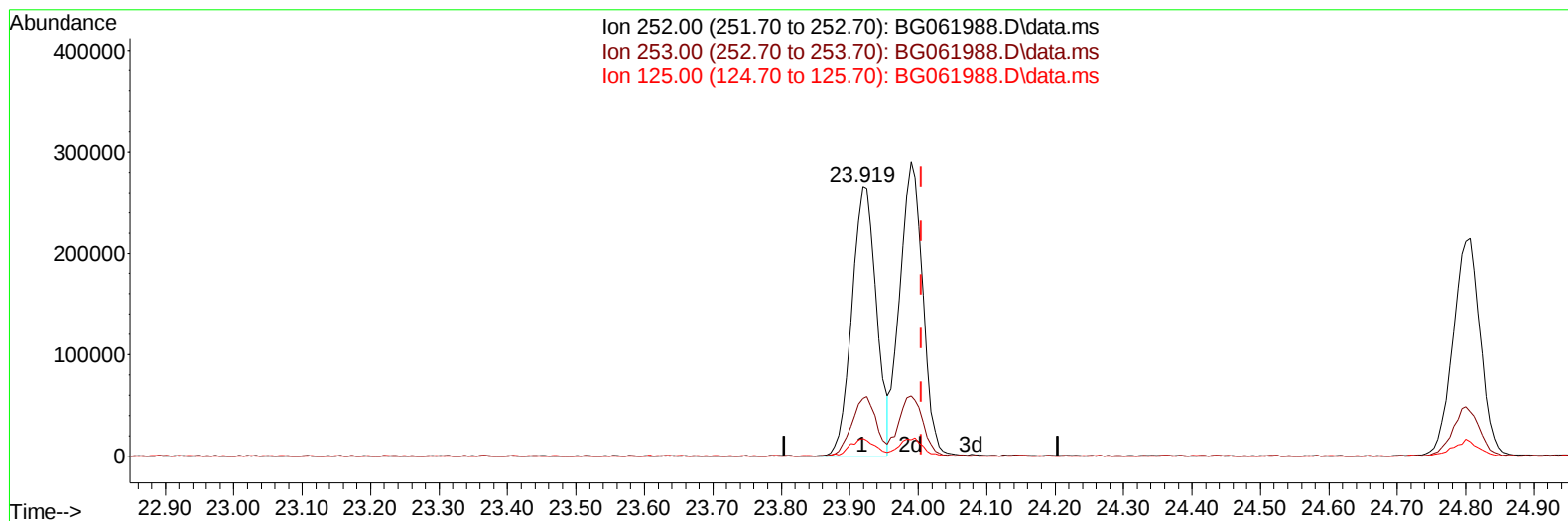
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TIC: BG061988.D\data.ms

(91) Benzo(k)fluoranthene

23.919min (-0.086) 28.88 ng/u1

response 664705

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	21.29
125.00	7.90	6.56
0.00	0.00	0.00

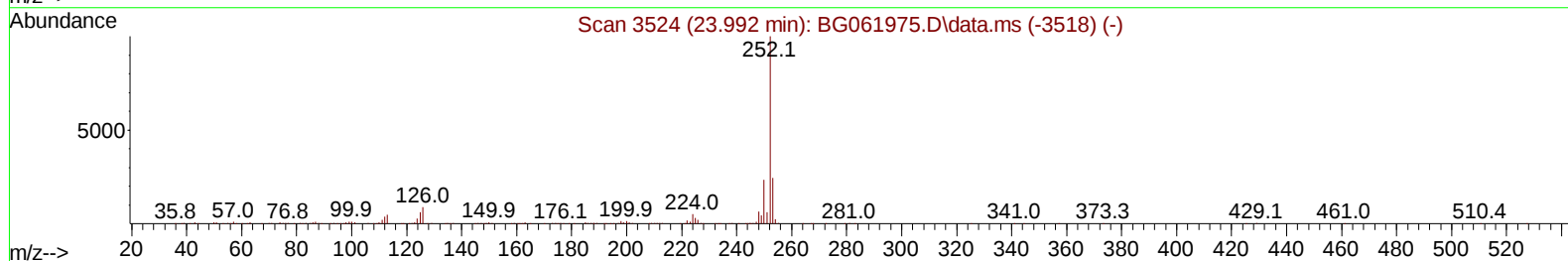
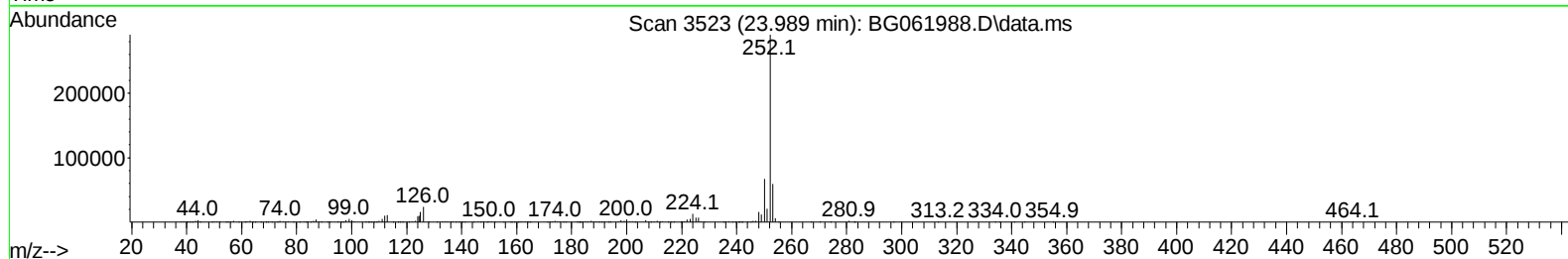
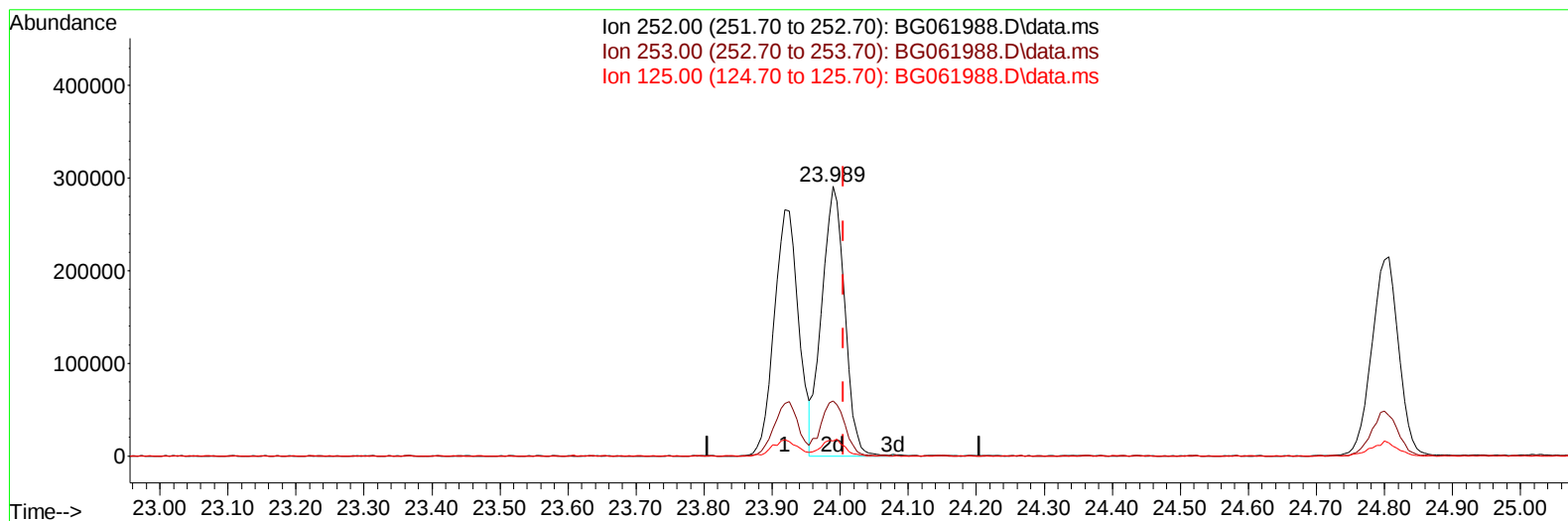
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TIC: BG061988.D\data.ms

(91) Benzo(k)fluoranthene

23.989min (-0.015) 29.45 ng/ul m

response 677923

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	20.33
125.00	7.90	5.62#
0.00	0.00	0.00

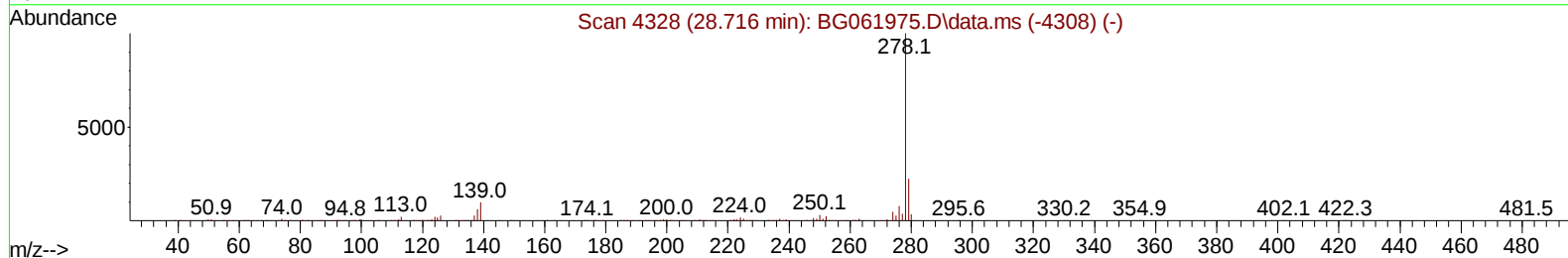
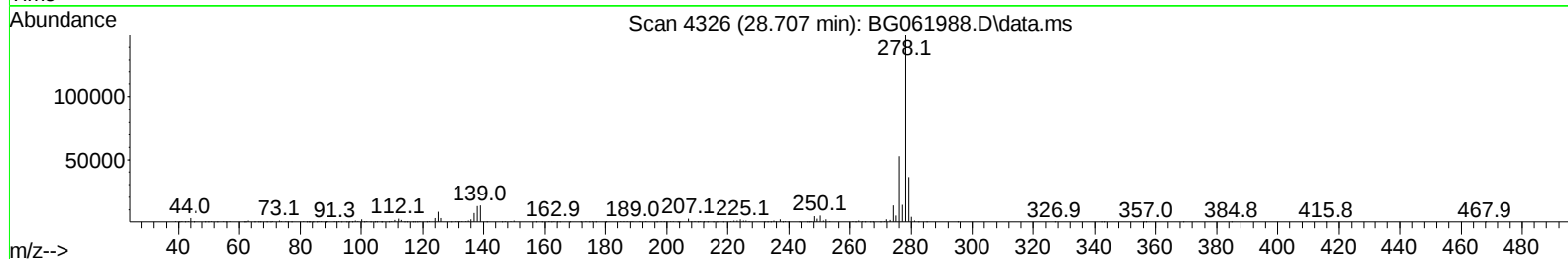
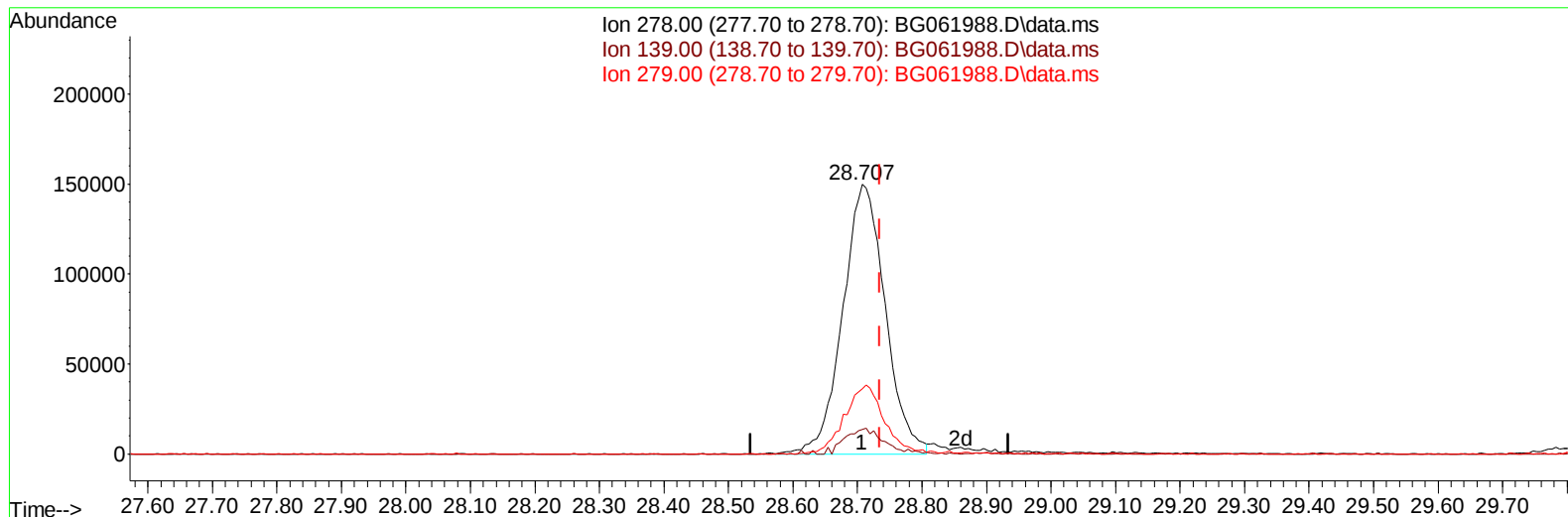
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TIC: BG061988.D\data.ms

(95) Dibenzo(a,h)anthracene

28.707min (-0.027) 29.57 ng/u1

response 682296

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	9.07
279.00	23.50	24.21
0.00	0.00	0.00

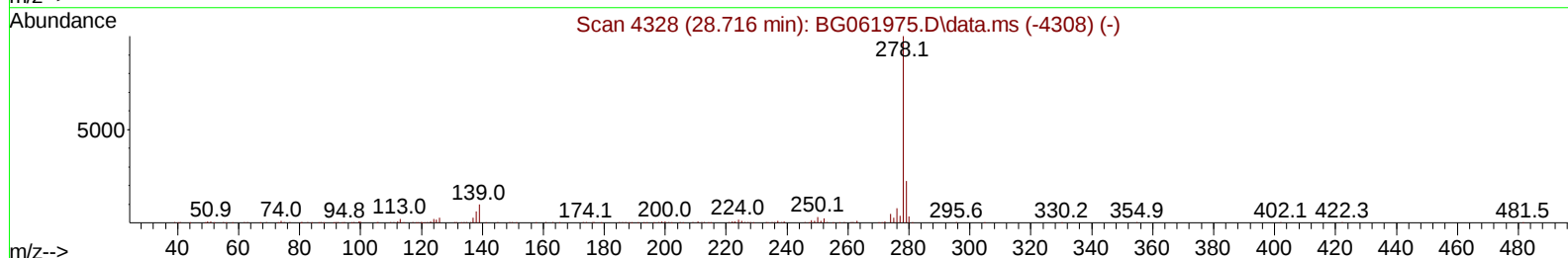
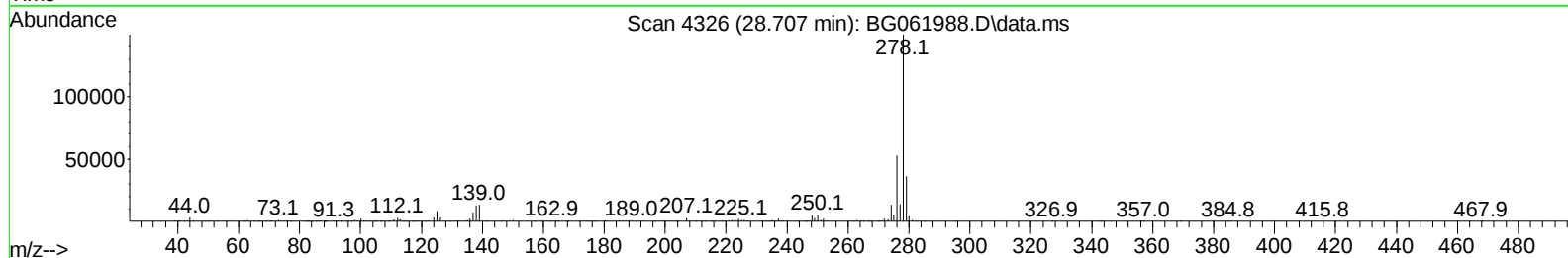
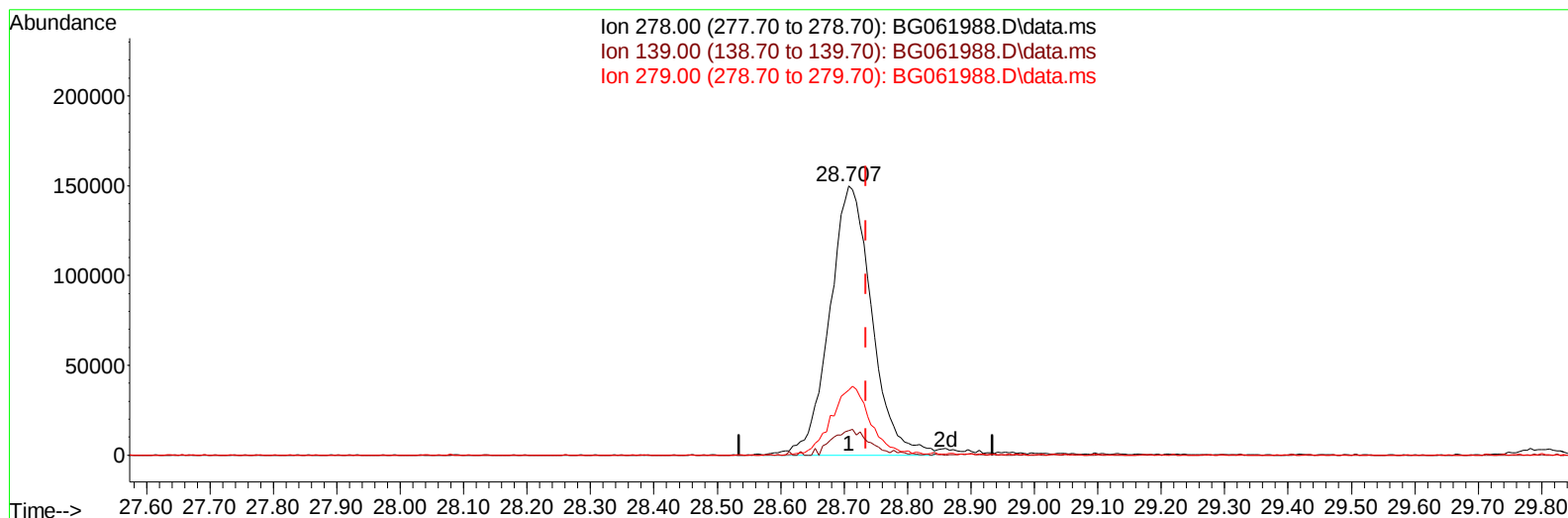
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Misc :
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Instrument :
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TIC: BG061988.D\data.ms

(95) Dibenzo(a,h)anthracene

28.707min (-0.027) 29.97 ng/ul m

response 691389

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	9.07
279.00	23.50	24.21
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	36283	20.000	ng/ul	0.00
20) Naphthalene-d8	10.905	136	188018	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.718	164	145387	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.456	188	336106	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.716	240	306527	20.000	ng/ul	# 0.00
88) Perylene-d12	24.953	264	366383	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.478	96	5635	5.836	ng/uL	0.00
4) Pyridine-d5	3.901	84	70717	23.820	ng/ul	0.00
7) Phenol-d5	7.244	99	109337	27.536	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.415	67	63980	25.444	ng/ul	0.00
11) 2-Chlorophenol-d4	7.620	132	76620	28.131	ng/ul	0.00
15) 4-Methylphenol-d8	8.795	113	88401	28.276	ng/ul	0.00
21) Nitrobenzene-d5	9.260	128	40691	28.456	ng/ul	0.00
24) 2-Nitrophenol-d4	9.982	143	48936	29.968	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.523	165	100029	31.758	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	110006	24.056	ng/ul	0.00
46) Dimethylphthalate-d6	14.119	166	329653	27.580	ng/ul	0.00
49) Acenaphthylene-d8	14.412	160	351750	28.144	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	54270	28.431	ng/ul	0.00
60) Fluorene-d10	15.705	176	292166	29.036	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.817	200	59960	33.968	ng/ul	0.00
73) Anthracene-d10	17.556	188	446684	28.465	ng/ul	0.00
81) Pyrene-d10	19.830	212	515886	28.613	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.730	264	541885	29.822	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.519	88	9836	9.230	ng/uL	93
5) Pyridine	3.925	79	73070	23.999	ng/ul	99
6) Benzaldehyde	7.227	77	58459	27.818	ng/ul	89
8) Phenol	7.274	94	115422	28.392	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.509	93	78875	25.256	ng/ul	96
12) 2-Chlorophenol	7.656	128	83602	30.128	ng/ul	90
13) 2-Methylphenol	8.531	108	78928	27.202	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.607	45	163228	23.924	ng/ul	98
16) Acetophenone	8.919	105	142688	27.630	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.895	70	75535	26.127	ng/ul	92
18) 4-Methylphenol	8.860	108	91999	28.313	ng/ul	98
19) Hexachloroethane	9.177	117	33229	27.605	ng/ul#	72
22) Nitrobenzene	9.307	77	116791	28.773	ng/ul	97
23) Isophorone	9.824	82	227362	24.794	ng/ul#	95
25) 2-Nitrophenol	10.018	139	50298	30.203	ng/ul	93
26) 2,4-Dimethylphenol	10.065	107	93562	23.475	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.305	93	124892	24.731	ng/ul	93
29) 2,4-Dichlorophenol	10.552	162	89674	30.309	ng/ul	93
30) Naphthalene	10.958	128	294166	28.483	ng/ul	95
32) 4-Chloroaniline	11.063	127	104470	23.283	ng/ul	96
33) Hexachlorobutadiene	11.234	225	66323	29.789	ng/ul#	90
34) Caprolactam	11.827	113	32739m	28.243	ng/ul	
35) 4-Chloro-3-methylphenol	12.174	107	119942	30.439	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.556	142	217607	29.083	ng/ul	94
37) 1-Methylnaphthalene	12.773	142	223213	28.707	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.914	216	131463	30.111	ng/ul	98
40) Hexachlorocyclopentadiene	12.891	237	55254	19.011	ng/ul	92
41) 2,4,6-Trichlorophenol	13.155	196	77470	26.715	ng/ul	94
42) 2,4,5-Trichlorophenol	13.226	196	88307	27.721	ng/ul	96
43) 1,1'-Biphenyl	13.555	154	310656	27.732	ng/ul	95
44) 2-Chloronaphthalene	13.596	162	231308	27.513	ng/ul	94
45) 2-Nitroaniline	13.801	65	103797	30.830	ng/ul	92
47) Dimethylphthalate	14.166	163	313259	27.248	ng/ul	97
48) 2,6-Dinitrotoluene	14.289	165	67574	30.983	ng/ul	99
50) Acenaphthylene	14.442	152	373547	27.232	ng/ul	99
51) 3-Nitroaniline	14.624	138	65342	30.778	ng/ul#	97
52) Acenaphthene	14.777	153	260385	27.490	ng/ul	95
53) 2,4-Dinitrophenol	14.824	184	35888	31.496	ng/ul	90
55) 4-Nitrophenol	14.924	109	72241	33.160	ng/ul	93
56) Dibenzofuran	15.112	168	378190	28.250	ng/ul	97
57) 2,4-Dinitrotoluene	15.076	165	101928	31.867	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.335	232	73016	25.383	ng/ul#	98
59) Diethylphthalate	15.523	149	331771	26.779	ng/ul	98
61) Fluorene	15.764	166	310062	27.235	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.746	204	158974	27.800	ng/ul	91
63) 4-Nitroaniline	15.781	138	70149	32.564	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.834	198	64945	34.187	ng/ul#	92
67) N-Nitrosodiphenylamine	15.963	169	264564	28.823	ng/ul	98
68) 4-Bromophenyl-phenylether	16.639	248	118135	30.982	ng/ul	95
69) Hexachlorobenzene	16.757	284	135437	30.890	ng/ul	93
70) Atrazine	16.904	200	27587	7.614	ng/ul#	86
71) Pentachlorophenol	17.103	266	56956	23.633	ng/ul#	88
72) Phenanthrene	17.503	178	501122	28.277	ng/ul	99
74) Anthracene	17.591	178	508103	27.743	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.519	216	131786	31.570	ng/ul	97
76) Pentachlorobenzene	15.029	250	144233	30.294	ng/ul	94
77) Carbazole	17.861	167	457886	29.707	ng/ul	98
78) Di-n-butylphthalate	18.402	149	568398	28.723	ng/ul	97
80) Fluoranthene	19.500	202	600685	28.152	ng/ul#	95
82) Pyrene	19.865	202	620886	28.170	ng/ul#	95
83) Butylbenzylphthalate	20.740	149	247310	26.736	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.610	252	230486	31.607	ng/ul	98
85) Benzo(a)anthracene	21.698	228	636659	28.687	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	361818	27.259	ng/ul#	99
87) Chrysene	21.763	228	602202	28.985	ng/ul	98
89) Di-n-octyl phthalate	22.808	149	636696	28.445	ng/ul	100
90) Benzo(b)fluoranthene	23.919	252	664705	28.796	ng/ul	99
91) Benzo(k)fluoranthene	23.989	252	677923m	29.451	ng/ul	
93) Benzo(a)pyrene	24.806	252	591186	27.046	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.643	276	839713	30.061	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.707	278	691389m	29.969	ng/ul	
96) Benzo(g,h,i)perylene	29.800	276	627269	28.227	ng/ul	96

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

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BNA_G

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